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CH2M HILL

2485 Natomas Park Drive

Suite 600

Sacramento, CA 95833-2937

Tel 916.920.0300

Fax 916.920.8463

February 10, 2010

Mr. Rod Jones
Project Manager
California Energy Commission
1516 Ninth Street
Sacramento, CA 95814-5512

Subject: CPV Vaca Station (08-AFC-11)
Biological Assessment, Biological Assessment for Central Valley Steelhead,
Preliminary Jurisdictional Waters Delineation Study, and 404 Permit Application

Dear Mr. Jones:

Attached please find one original and 12 hard copies and 1 CD of CPV Vaca Station, LLC's Biological Assessment, Biological Assessment for Central Valley Steelhead, Preliminary Jurisdictional Waters Delineation Study, and 404 Permit Application for the CPV Vaca Station Project (08-AFC-11).

If you have any questions about this matter, please contact me at (916) 286-0278 or Sarah Madams at (916) 286-0249.

Sincerely,

CH2M HILL

Douglas M. Davy, Ph.D.
AFC Project Manager

Attachment

cc: A. Welch (CPV)
S. Madams

Preliminary Jurisdictional Waters Delineation Study

CPV Vaca Station

Submitted by



CPV Vacaville, LLC

With Technical Assistance by

CH2MHILL

February 2010

Delineation Study

Preliminary Jurisdictional Waters Delineation Study
for the

CPV Vaca Station Project Vacaville, Solano County, California

Prepared for
U.S. Army Corps of Engineers
Sacramento District

Sacramento, California

Submitted by
CPV Vacaville, LLC



CPV Vacaville, LLC
8403 Colesville Road
Suite 915
Silver Spring, MD 20910

With Technical Assistance by
CH2MHILL
2485 Natomas Park Drive
Suite 600
Sacramento, CA 95833

February 2010

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SECTION 1

Introduction

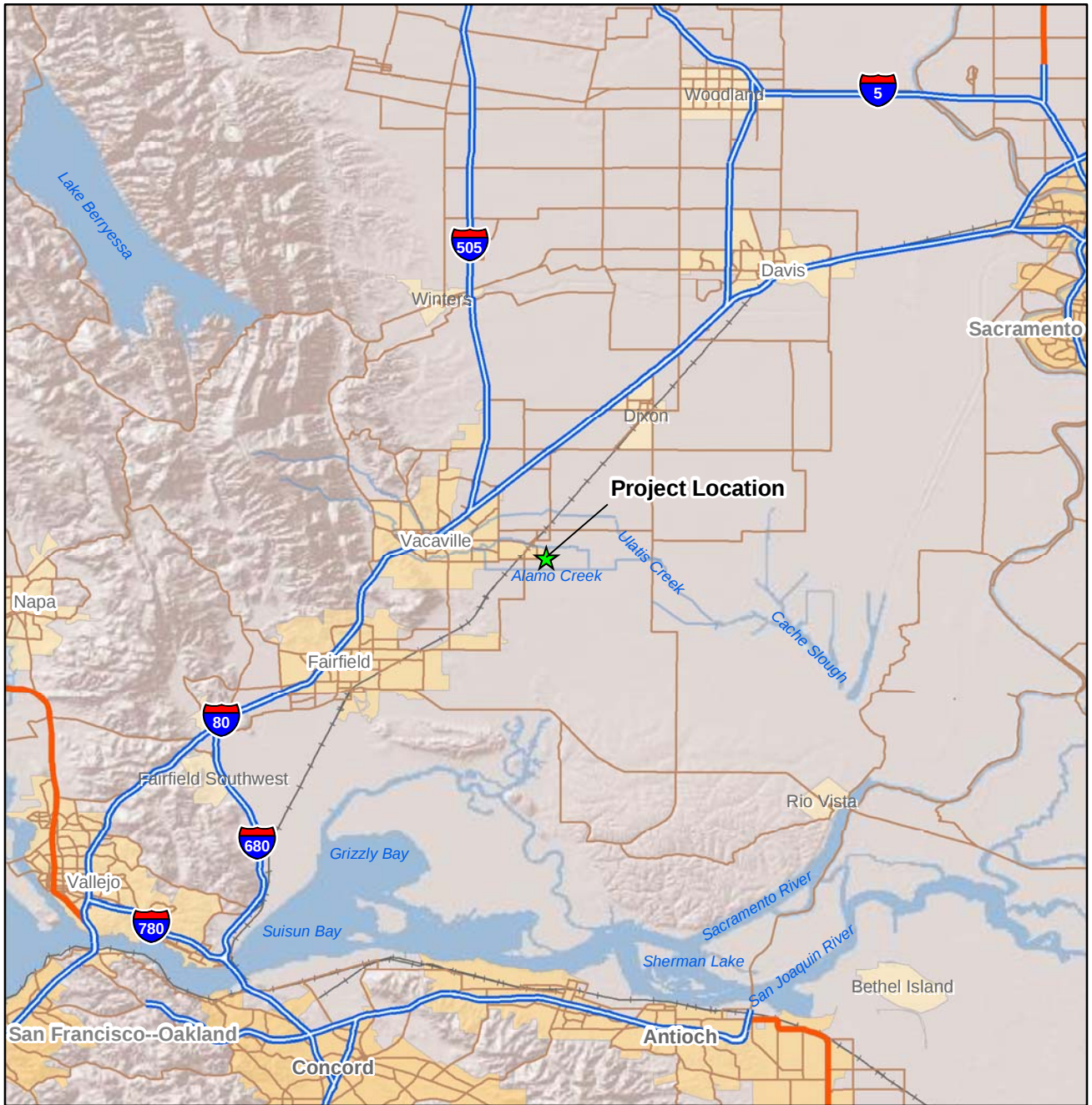
CPV Vacaville, LLC, (CPVV or Applicant) proposes to construct, own, and operate an electrical generating plant in Vacaville, Solano County, California. The project site is located in the USGS 7.5-minute *Elmira* quadrangle in Township 6N, Range 1E, and northeast quarter of Section 30.

The CPV Vaca Station (CPVVS or project) will be a natural gas-fired, combined-cycle electrical generating facility rated at a nominal generating capacity of 660 megawatts (MW). The CPVVS is proposed for a 24-acre site at the intersection of Lewis and Fry roads in a rural area within the city limits of Vacaville. Surrounding land uses include the City of Vacaville's (City) wastewater treatment plant to the northwest, and agricultural uses to the east, west, and south. Figure 1 is a regional location map showing the proposed project and vicinity.

This study report presents the methods and results of a preliminary jurisdictional delineation of wetlands and waters of the United States and wetlands and waters of the State associated with agricultural drainages present with the proposed CPPVS site and linear appurtenances.

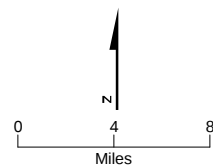
CPVV is expected to apply for authorization under Nationwide Permits 7 (Outfalls Structures and Maintenance) and 12 (Utility Line Activities), pursuant to Section 404 of the federal Clean Water Act (CWA). The permits would be used for project activities associated with a stormwater detention basin outfall structure, water crossings of the gas pipeline, and access roads. The onsite detention basin will be sized such that the post-developed site peak runoff from the 100-year storm event will be less than the pre-development flow. Storm runoff from the project site will gravity-drain to a 48-inch standpipe and enter the Lewis Road roadside drainage via a 15-inch culvert outfall structure in the southeast corner of the basin that will meter the out-flowing runoff during storm events. The permanent and temporary access roads to the CPVVS site will cross the same roadside drainage. This drainage flows south from the project area to New Alamo Creek, a Water of the U.S., which confluences with Ulati Creek and has connectivity to Cache Slough and the Sacramento River (Figure 1). Appendix B contains the project's drainage plan, showing how the site will convey stormwater to the outfall.

It is anticipated that the project will receive a license decision from the California Energy Commission (CEC) by fall 2010, and that detailed design and construction of the CPVVS will begin in spring of 2011 and last approximately 30 months. Pre-operational testing of the power plant will begin in fall 2012, and full-scale commercial operation is expected to begin by spring 2013.



LEGEND

★ Project Location



VICINITY MAP



FIGURE 1
REGIONAL LOCATION MAP
 CPV VACA STATION
 VACAVILLE, CA

SECTION 2

Field Survey Methods

The CPVVS project disturbance area consists of the proposed CPVVS plant site, laydown area, substation, access roads, associated electrical transmission line and natural gas pipeline (hereinafter "Project Area"). A field study of potentially jurisdictional wetlands was conducted by CH2M HILL staff on July 10, 2008, within 250 feet of the area of disturbance (hereinafter "wetland study area"). An additional evaluation of potentially jurisdictional irrigation canals, ditches, drainages, and other waters within the wetland study area was conducted by CH2M HILL staff on March 17, 2009. Vegetative communities and special-status species occurrences were evaluated within 1-mile of the Project Area as part of the Application for Certification (AFC) process with the California Energy Commission (hereinafter "1-mile survey area").

Prior to site visits, an aerial image of the wetland study area and proposed project disturbance area was examined to identify aerial signatures consistent with potentially jurisdictional wetlands and other Waters of the U.S. Digitized reaches of previously identified (existing) channels were re-evaluated to ensure accurate characterization of wetland parameters.

In the field, the wetland study area was walked or driven to identify potential wetlands and waters, and to ground-truth and correlate potential wetland and waters signatures identified on the aerial imagery. Field notes and photographs were recorded at each location where potential wetlands and waters were identified. Field notes of each feature included information on the width, typical vegetation (NRCS, 2009), visible inundation, and hydrologic connectivity with other features. Features that appeared to convey water to agricultural fields were identified as canals, while features that conveyed water from agricultural fields were identified as agricultural ditches. Features that conveyed sheetflow from adjacent roadways were identified as roadside drainages. Photographs of each canal, agricultural ditch and roadside drainage were taken to show the overall character of each feature in the project area, as well as outfall connectivity to primary drainages. These photographs are found at the end of this document in Appendix A. One seasonally ponded area and 14 water conveyance canals, agricultural ditches, and roadside drainages were identified and evaluated within the wetland study area.

Site Description

3.1 Vegetation Communities

Reconnaissance surveys within the 1-mile survey area were conducted as part of the AFC documentation to classify habitat and plant communities in the local area. The vegetation communities include active agricultural lands and riparian woodland along creeks. Riparian Woodland habitat along Alamo Creek and Agriculture habitat with canals and drainages are described below. Table 4 at the end of the document identifies the types of vegetation seen during the reconnaissance surveys.

3.1.1 Riparian Woodland – Alamo Creek

The only natural plant community within the 1-mile survey area is a narrow band of riparian woodland bordering Old Alamo Creek approximately 0.18 mile north of the construction laydown area.

The dominant trees in riparian woodland are most commonly winter-deciduous, broadleaved trees, up to 60 feet in height, with a canopy cover ranging from relatively open to very dense. “True” riparian species, i.e., species that are dependent on available water year round, are found along major rivers and streams and other freshwater features. Cottonwoods (*Populus* spp.) and willows (*Salix* spp.), mixed with bigleaf maple (*Acer macrophyllum*), Oregon ash (*Fraxinus latifolia*), box elder (*Acer negundo*), and California sycamore (*Platanus racemosa*) are the most commonly occurring “true” riparian trees in central California. Valley oak (*Quercus lobata*) is common in riparian areas in the Central Valley as are various species of walnut (*Juglans californica* ssp. *hindsii*; *J. nigra*; *J. regia*). Other trees, including coast live oak (*Quercus agrifolia*) and California bay (*Umbellularia californica*), are components of riparian vegetation in woodland/forest areas and also grow in less wet environments. Riparian woodland commonly has a shrubby understory. Riparian areas in Solano County have been severely degraded as a result of residential, commercial, and agricultural development. Although the structure (i.e., the vertical stratification of the riparian vegetation) has been maintained along some of the major streams in the County, the width of the “corridors” has been greatly reduced due to human activities. Riparian corridors are now commonly only as wide as the diameter of one tree’s canopy. In addition, sections of most major streams have been channelized and the natural riparian vegetation has been removed (LSA, 2007).

Well-developed riparian plant communities now primarily occur along the banks of small portions of major creeks, including Alamo Creek. In those remaining well-developed riparian areas, the tree canopy is dominated by Fremont’s cottonwood (*Populus fremontii*) and willows, including red willow (*Salix laevigata*), Pacific willow (*S. lucida* ssp. *lasiandra*), arroyo willow (*S. lasiolepis*), and sandbar willow (*S. exigua*), but other trees associated with riparian areas are also present (LSA, 2007).

The Draft Solano Multispecies Habitat Conservation Plan (MHCP) (LSA, 2007) describes Alamo Creek as a priority drainage and watershed area that represents a high value

conservation area. This riparian area provides a movement corridor as well as cover, roosting, and nesting opportunities for numerous species, including the State-listed as Threatened Swainson's hawk and the western red bat, a State species of special concern. It may also provide habitat for valley elderberry longhorn beetle, foothill yellow-legged frog, and yellow-breasted chat. This riparian corridor extends from the interior coast range east of the CPVVS site, through the city of Vacaville to agricultural fields west of the CPVVS site. Within 1 mile of the CPVVS site, Old Alamo Creek becomes channelized as an irrigation canal prior to its confluence with New Alamo Creek (Figure 2).

3.1.2 Agriculture with Canals and Drainages

The predominant habitat type within the survey area is agriculture, including cropland, pastureland, and disked agricultural areas such as are present within the proposed CPVVS site, construction laydown area, and portions of the 230-kV electrical transmission line. Rural residences, roadways, drainage ditches, irrigation canals, and other land uses associated with agriculture are included in this habitat type. Agricultural ditches and adjacent areas within agricultural habitat may also provide aquatic and upland foraging habitat for giant garter snake (*Thamnophis gigas*). Alfalfa and hay grain were the most prevalent agricultural crops observed during the field survey.

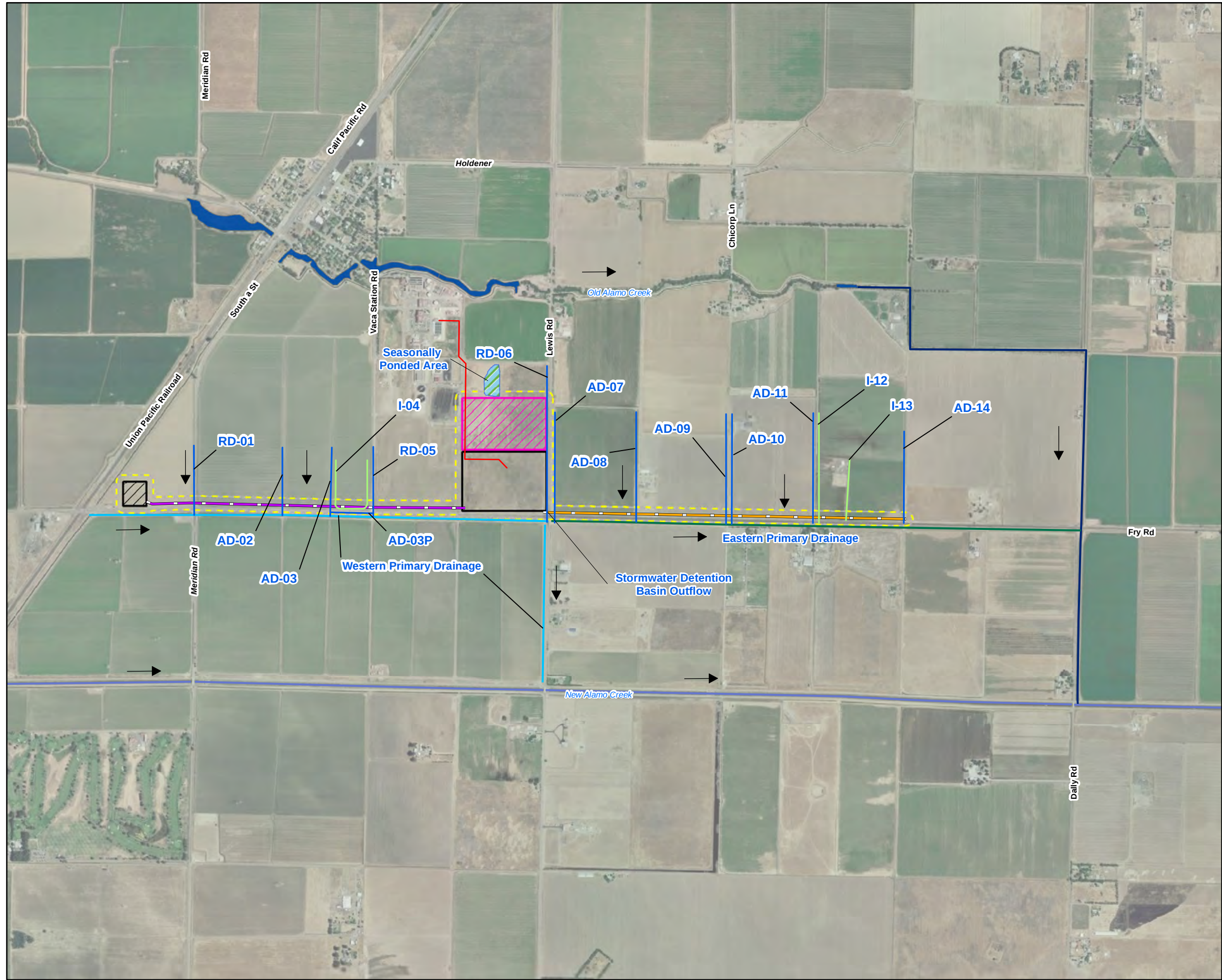
Currently, the CPVVS facility and temporary construction laydown sites are zoned Community Facilities (CF) and are designated in the Vacaville General Plan as Unique Farmland, or farmland that is other than Prime or of Statewide importance, with lesser quality soils (City of Vacaville, 2007). During initial field surveys, it was determined that the CPVVS facility and construction laydown sites occupy 48 contiguous acres of former agricultural land that had become heavily vegetated with ruderal herbaceous species including black mustard (*Brassica nigra*), wild radish (*Raphanus sativa*), and milk thistle (*Silybum marianum*).

The proposed new substation and 230-kV transmission line between the substation and the CPVVS are located within an area zoned for agriculture (A40). The proposed substation is approximately 150 feet southeast and downgradient of the Dally Main irrigation canal, and is hydrologically separated from the canal. Except for locations that would cross existing roads and associated ditches and drainages, the substation and 230-kV transmission line would be placed entirely within active and inactive agriculture areas (Figure 2). Agricultural drains and adjacent areas within agricultural habitat may provide aquatic and upland foraging habitat for giant garter snake (*Thamnophis gigas*).

The pipeline between the CPVVS and the PG&E natural gas pipeline located east of Lewis Road would be placed within the paved shoulder of Fry Road, adjacent to active agriculture fields primarily comprised pasture and row crops. The pipeline would be directionally drilled beneath irrigation canals, agricultural ditches and roadside drainages.

3.2 Soils

A description of the soils in the proposed project area was developed using the online Soil Survey of Solano County, California (NRCS, 2008). Descriptions of the soil mapping units were developed from the soil survey and the online soil series descriptions (Soil Survey Staff, 2008). Soil map units for the project area are identified in Figure 3. Based on



- LEGEND
- Utility Corridor to WWTP
 - Natural Gas Pipeline Route
 - Electrical Transmission Line Route
 - Direction of Flow
 - Eastern Primary Drainage
 - New Alamo Creek
 - Old Alamo Creek
 - Western Primary Drainage
 - Waters of the US
 - Waters of the State
 - ▨ New Substation
 - ▨ Laydown Area
 - ▨ Project Site
 - ▨ Wetland Study Area Boundary

This map was compiled from various scale source data and maps and is intended for use as only an approximate representation of actual locations.

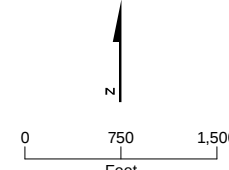


FIGURE 2
POTENTIALLY JURISDICTIONAL
WATERS
 CPV VACA STATION
 VACAVILLE, CALIFORNIA

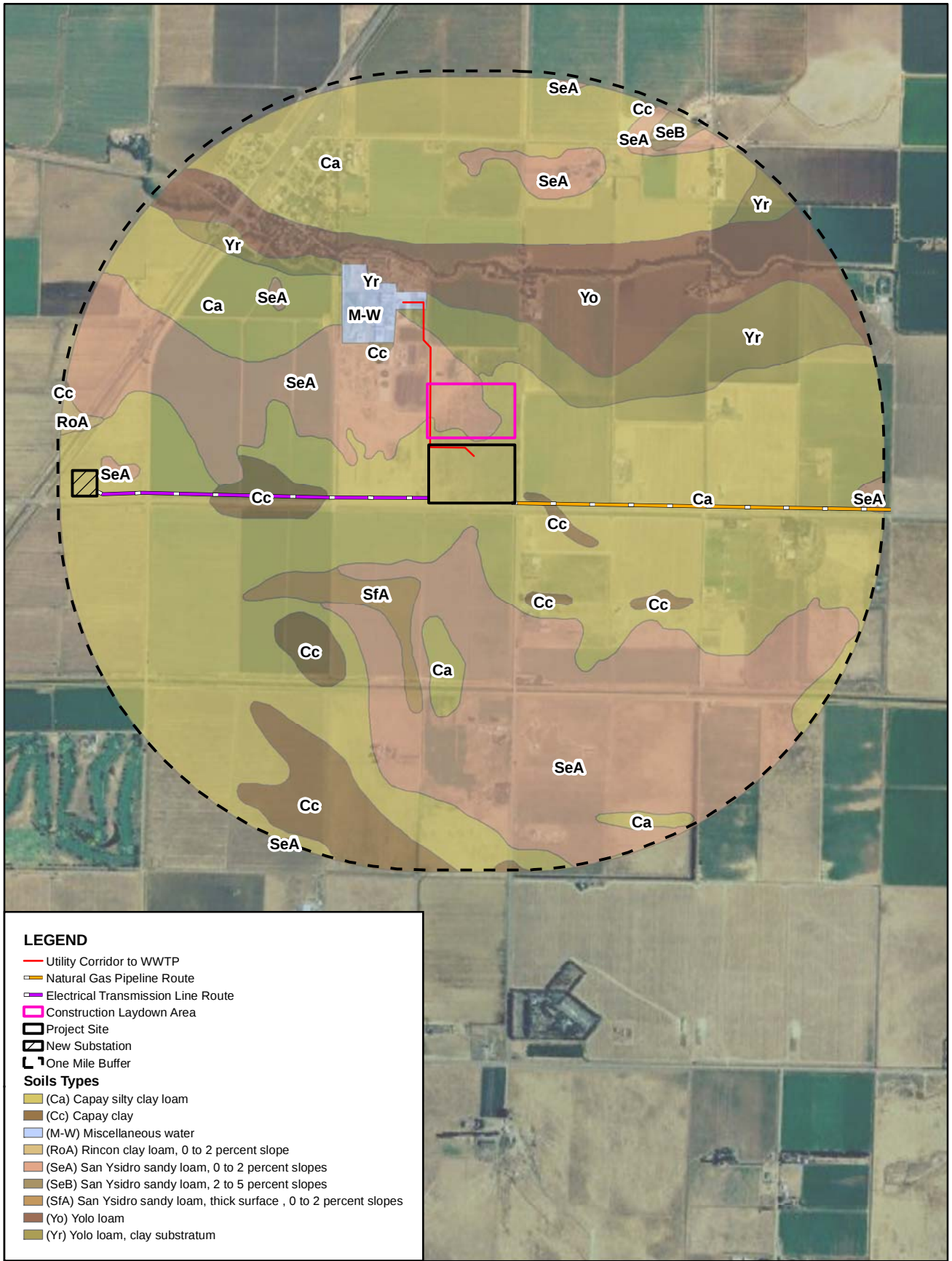


FIGURE 3
SOIL TYPES WITHIN
ONE MILE OF SITE
 CPV VACA STATION
 VACAVILLE, CA

evaluations of mapped soil units and field observations, no hydric soils are expected to be present within 250 feet of the proposed project disturbance area.

Soil map unit characteristics for the area potentially affected by project construction are summarized in Table 1. The table summarizes depth, texture, drainage, permeability, water runoff, and items related to revegetation potential. Actual soil conditions in the project area could differ from what is described in the generalized soil descriptions because of the potential for past grading at the site and natural soil variations.

TABLE 1
Soil Mapping Unit Descriptions and Characteristics

Map Unit	Description																		
Ca	Capay silty clay loam: The entire CPVVS project site, portions of the laydown area, and all three utility corridors cross this soil unit. <table> <tr> <td>Formation:</td><td>In mod. fine and fine textured alluvium derived from sandstone and shale</td></tr> <tr> <td>Typical profile:</td><td>Silty clay loam over clay and clay loam</td></tr> <tr> <td>Shrink-swell capacity:</td><td>High</td></tr> <tr> <td>Depth and drainage:</td><td>Very deep; moderately well drained</td></tr> <tr> <td>Permeability:</td><td>Slow to very slow</td></tr> <tr> <td>Runoff:</td><td>Negligible to high</td></tr> <tr> <td>Inherent fertility:</td><td>Moderately high</td></tr> <tr> <td>Capability class:</td><td>2s (irrigated), 4s (non irrigated)</td></tr> <tr> <td>Taxonomic class:</td><td>Fine, smectitic, thermic Typic Haploxererts</td></tr> </table>	Formation:	In mod. fine and fine textured alluvium derived from sandstone and shale	Typical profile:	Silty clay loam over clay and clay loam	Shrink-swell capacity:	High	Depth and drainage:	Very deep; moderately well drained	Permeability:	Slow to very slow	Runoff:	Negligible to high	Inherent fertility:	Moderately high	Capability class:	2s (irrigated), 4s (non irrigated)	Taxonomic class:	Fine, smectitic, thermic Typic Haploxererts
Formation:	In mod. fine and fine textured alluvium derived from sandstone and shale																		
Typical profile:	Silty clay loam over clay and clay loam																		
Shrink-swell capacity:	High																		
Depth and drainage:	Very deep; moderately well drained																		
Permeability:	Slow to very slow																		
Runoff:	Negligible to high																		
Inherent fertility:	Moderately high																		
Capability class:	2s (irrigated), 4s (non irrigated)																		
Taxonomic class:	Fine, smectitic, thermic Typic Haploxererts																		
Cc	Capay clay: The proposed transmission line and natural gas corridors traverse this soil unit <table> <tr> <td>Formation:</td><td>In mod. fine and fine textured alluvium derived from sandstone and shale</td></tr> <tr> <td>Typical profile:</td><td>Clay over clay loam</td></tr> <tr> <td>Shrink-swell capacity:</td><td>High</td></tr> <tr> <td>Depth and drainage:</td><td>Very deep; moderately well drained</td></tr> <tr> <td>Permeability:</td><td>Slow to very slow</td></tr> <tr> <td>Runoff:</td><td>Negligible to high</td></tr> <tr> <td>Inherent fertility:</td><td>Moderately high</td></tr> <tr> <td>Capability class:</td><td>2s (irrigated), 4s (non irrigated)</td></tr> <tr> <td>Taxonomic class:</td><td>Fine, smectitic, thermic Typic Haploxererts</td></tr> </table>	Formation:	In mod. fine and fine textured alluvium derived from sandstone and shale	Typical profile:	Clay over clay loam	Shrink-swell capacity:	High	Depth and drainage:	Very deep; moderately well drained	Permeability:	Slow to very slow	Runoff:	Negligible to high	Inherent fertility:	Moderately high	Capability class:	2s (irrigated), 4s (non irrigated)	Taxonomic class:	Fine, smectitic, thermic Typic Haploxererts
Formation:	In mod. fine and fine textured alluvium derived from sandstone and shale																		
Typical profile:	Clay over clay loam																		
Shrink-swell capacity:	High																		
Depth and drainage:	Very deep; moderately well drained																		
Permeability:	Slow to very slow																		
Runoff:	Negligible to high																		
Inherent fertility:	Moderately high																		
Capability class:	2s (irrigated), 4s (non irrigated)																		
Taxonomic class:	Fine, smectitic, thermic Typic Haploxererts																		
M-W	Miscellaneous water: A small part of the utility corridor between the CPVVS project site and the EWTP falls within this soil unit. This is an anthropogenic map unit.																		
SeA	San Ysidro sandy loam, 0 to 2 percent slopes: The proposed utility corridor and natural gas pipeline traverse this soil unit. <table> <tr> <td>Formation:</td><td>In alluvium from sedimentary rocks</td></tr> <tr> <td>Typical profile:</td><td>Sandy loam over clay loam and sandy clay loam</td></tr> <tr> <td>Shrink-swell capacity:</td><td>High</td></tr> <tr> <td>Depth and drainage:</td><td>Very deep; moderately well drained</td></tr> <tr> <td>Permeability:</td><td>Very slow</td></tr> <tr> <td>Runoff:</td><td>Slow to medium</td></tr> <tr> <td>Inherent fertility:</td><td>Moderate</td></tr> <tr> <td>Capability class:</td><td>4s (irrigated), 4e (non irrigated)</td></tr> <tr> <td>Taxonomic class:</td><td>Fine, smectitic, thermic Typic Palexeralfs</td></tr> </table>	Formation:	In alluvium from sedimentary rocks	Typical profile:	Sandy loam over clay loam and sandy clay loam	Shrink-swell capacity:	High	Depth and drainage:	Very deep; moderately well drained	Permeability:	Very slow	Runoff:	Slow to medium	Inherent fertility:	Moderate	Capability class:	4s (irrigated), 4e (non irrigated)	Taxonomic class:	Fine, smectitic, thermic Typic Palexeralfs
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Inherent fertility:	Moderate																		
Capability class:	4s (irrigated), 4e (non irrigated)																		
Taxonomic class:	Fine, smectitic, thermic Typic Palexeralfs																		

TABLE 1
Soil Mapping Unit Descriptions and Characteristics

Map Unit	Description
Yr	Yolo loam, clay substratum:
	The proposed utility corridor traverses this soil unit.
	Formation: In fine loamy alluvium derived from sedimentary formations
	Typical profile: Loam over clay
	Shrink-swell capacity: High
	Depth and drainage: Very deep; well drained
	Permeability: Moderate
	Runoff: Slow to medium
	Inherent fertility: Moderately high
	Capability class: 2s (irrigated), 4e (non irrigated)
	Taxonomic class: Fine-silty, mixed, superactive, nonacid, thermic Mollic Xerofluvents

Notes:

Soil characteristics are based on soil mapping descriptions provided in the online soil survey (<http://websoilsurvey.nrcs.usda.gov>).

Soil descriptions provided above are limited to those soil units that could be directly affected by the CPVVS. Other soil mapping units, which are well outside of the project area but are shown on Figure 3, include RoA - Rincon clay loam, 0 to 2 percent slopes; SfA - San Ysidro sandy loam, thick surface, 0 to 2 percent slopes; Yo - Yolo loam.

Table 1 describes the properties of the soil mapping units that are found in the vicinity of the project site. As indicated, the soil mapping units in the project area are primarily fine-textured soils formed from sedimentary deposits. These soils are moderately well to well drained and have moderate to very low permeability. All of the soils within the vicinity of the CPVVS project are considered to have high shrink-swell potential.

As shown on Figure 3, the entire project site lies within soil mapping unit Ca - Capay silty clay loam. The laydown area is partially within the Ca mapping unit, and also includes mapping units SeA - San Ysidro sandy loam and Yr - Yolo loam, clay substratum. The linear features cross soil map units Ca, SeA, Yr, and also M-W - Miscellaneous Water and Cc - Capay clay.

3.3 Hydrology

The CPVVS project site, including the electrical transmission line and natural gas pipeline, are entirely outside the 500-year floodplain (Zone X) as defined by the Federal Emergency Management Agency (FEMA, 1996). Waterways downstream of the project consist of manmade channels such as active irrigation canals, ditches, drainages, and channelized reaches of Old and New Alamo Creeks, as well as natural waterways such as Ulati Creek and Cache Slough further downstream. A man-made seasonally ponded area located north of the site is an isolated feature with bermed margins that retains precipitation.

3.3.1 Canals, Ditches and Drainages

The project site currently sheet drains storm water runoff to the east into a roadside ditch (RD-06) along Lewis Road. The CPVVS will route the stormwater from the on site retention basin through a culvert into this ditch. In addition, the roadside ditch along Lewis Road would be crossed by a new access road to the site. This unlined earth ditch is maintained by

Solano County. This roadside ditch is hydrologically connected to New Alamo Creek via a culvert that runs to the south beneath Fry Road. The culvert connects to the western primary drainage that flows south paralleling the west shoulder of Lewis Road approximately 0.5 mile to New Alamo Creek.

Agricultural water in the area of the electrical transmission line is provided by the Dally Main irrigation canal that follows the south bank of Old Alamo Creek. Irrigation water enters fields from the north and flow across fields to agricultural ditches to the south and east.

All agricultural ditches and roadside drainages in the project area eventually confluence with one of two primary drains that run parallel to and south of Fry Road (Figure 2) south of the site. A primary drainage to the west of Lewis road (western primary drainage) flows east from the Union Pacific Railroad to Lewis Road, then south approximately 0.5 mile to New Alamo Creek (Photo 1). (Please note that all photographs are located at the end of this document in Appendix A). Another primary drainage (eastern primary drainage) flows east from Lewis Road to Old Alamo Creek (Photo 2), which then confluent approximately 1.5 miles southwest of the proposed CPVVS site with New Alamo Creek.

3.3.2 Old Alamo Creek

Alamo Creek originates in the Vaca Mountains and meanders through the City of Vacaville to a point just east of Nut Tree Road, where a small portion of the Old Alamo Creek channel was filled in to prevent upstream flow from entering Old Alamo Creek at a City park site. At this location the downstream flows were channelized into New Alamo Creek (Figure 2). Although the CPVVS plant site is approximately 0.25 mile south of Old Alamo Creek discussed in the Site Description, reaches of Old Alamo Creek in proximity to the site are bounded along the southern bank by a levee that hydrologically isolates the site from the creek.

3.3.3 New Alamo and Ulati Creeks

From its confluence with Old Alamo Creek, New Alamo Creek flows East for approximately 5 miles where it terminates at its confluence with Ulati Creek, just east of the Highway 113 Bridge.

New Alamo Creek and Ulati Creek are both unlined earth flood control channels that are maintained by Solano County Water Agency (SCWA). These flood control channels were constructed from 1962 to 1972 to alleviate recurring floods in the Ulati watershed area. Ulati Creek is tributary to Cache Slough, a natural water way that drains to the East into the Sacramento River and then into the Sacramento-San Joaquin Delta.

3.4 Field Conditions

Initial observations of seasonal wetlands were made in mid-July 2008, after a wet and extended spring rainfall season. Additional surveys to further evaluate hydrology and map irrigation canals and agricultural drainages were conducted in mid-March 2009.

3.5 Interstate or Foreign Commerce Observations

No observation or knowledge of interstate or foreign commerce was directly made on the site.

Findings

4.1 Wetland and Waters Type and Extent

No wetlands were identified within 250 feet of the proposed CPPVS project disturbance area. A seasonally ponded area located to the north of the proposed laydown area did not possess any wetland indicators and is discussed further in Section 4.1.5 below. A total of 14 features evaluated as potential jurisdictional waters were observed within the proposed CPVVS project disturbance area. The waters were determined to fall into two separate categories: Waters of the U.S., which fall under the jurisdiction of the USACE; and Waters of the State¹, which fall under the jurisdiction of the Central Valley Regional Water Quality Control Board (CVRWQCB) and California Department of Fish and Game (CDFG).

4.1.1 Potential Waters of the U.S.

A total of 0.23 (rounded) acre of potential Waters of the U.S. represented by 11 mapped features is present within a 100-foot wide corridor adjacent to the east side of the proposed CPPVS Project site. This consists of 0.06 acre of agricultural ditches and 0.17 acre of roadside drainages, including approximately 2,300 feet of one roadside drainage (RD-06) west of Lewis Road. The onsite stormwater detention basin outfall enters this ditch, and the new access road would be constructed across this ditch. The ditches and drainages are hydrologically connected to New Alamo Creek.

Table 2 presents a summary of the jurisdictional Waters of the U.S. that were observed within the wetland study area. Table 3 also includes the expected acreage of impacts from construction of the stormwater retention basin outfall and access road widening, which takes into account protection measures used to avoid sensitive habitats and minimize impacts to potential waters along the alignment. Potential mitigation for project impacts will be described in the CWA Section 404 permit application.

TABLE 2
Summary of Waters of the U.S. and Drainages in the Proposed CPVVS Project Wetland Study Area

Jurisdictional Waters Type	Number of Features	Total Acreage in Wetland Study Area	Total Impact (acres)
Agricultural Ditch (AD-02, AD-03, AD-07, AD-08, AD-09, AD-10, AD-11, AD-14)	8	0.0620	0
Roadside Drainage (RD-01, RD-05, RD-06))	3	0.1699	0.0138 (200 square feet)
Totals	11	0.2319	0.0138 (200 square feet)

¹ The Porter-Cologne Act defines "Waters of the State" as any surface water or groundwater, including saline waters, within the boundaries of the state (§13050(e)).

Man-Made Agricultural Ditches and Roadside Drainages

Eight agricultural ditches and three roadside drainages were identified during the field study that would intersect either the proposed electrical transmission line or the natural gas pipeline (see Figure 2). Agricultural ditches and roadside drainages flow to the south, perpendicular to Fry Road.

All 11 agricultural drains and roadside drainages are depicted in Figure 2 and are described in detail below. Tables 4 and 5 at the end of this memo summarize the width, typical vegetation and facultative status, and photo number for each canal, ditch, and drainage.

Roadside Drainage RD-01. RD-01 is the westernmost drainage within the proposed CPVVS project area (Photo 3). This drainage is approximately 2 feet wide and is sparsely vegetated with shortpod mustard (*Hirschfeldia incana*). RD-01 runs to the south along the western shoulder of Meridian Road and connects with the western primary drainage through a culvert southwest of the Fry Road/Meridian Road intersection (Photo 4). An associated agricultural ditch that will not be impacted by the project runs parallel to and north of the Fry Road shoulder (AD-01P), confluenting with RD-01 at the culvert inlet (Photo 5).

Agricultural Ditch AD-02. AD-02 is located between Meridian and Vaca Station Roads (Photo 6). Vegetation within this ditch is dominated by poison hemlock (*Conium maculatum*, FACW) and rough cocklebur (*Xanthium strumarium*, FAC+). The AD-02 channel is approximately 2 feet wide and runs between two agricultural fields. This ditch connects with the western primary drain through a culvert that outfalls beneath an unpaved access road south of Fry Road (Photo 7).

Agricultural Ditch AD-03. AD-03 is located west of Vaca Station (Photo 8). It is vegetated with shortpod mustard (*Hirschfeldia incana*) and rough cocklebur (FAC+). AD-03 is approximately 2 feet wide and runs between two agricultural fields. This ditch connects to RD-05 via a perpendicular ditch that will not be impacted by the project (AD-03P, Photo 9). Both AD-03 and AD05 connect to the western primary drainage via a culvert beneath Fry Road.

Roadside Drainage RD-05. RD-05 is located adjacent to the west shoulder of Vaca Station and confluent with AD-03P (Photo 10) at the culvert inlet north of Fry Road (Photo 11). RD-05 is 3 feet wide and is vegetated with shortpod mustard and curly dock (*Rumex crispus*, FACW-). The culvert to the western primary drainage is located southwest of the intersection of Vaca Station and Fry Road (Photo 12).

Roadside Drainage RD-06. RD-06 is located adjacent to the west shoulder of Lewis Road (Photo 13). The drainage is 3 feet wide and is dominated by shortpod mustard, poison hemlock, and curly dock (FACW-). The culvert to the western primary drainage is located west of the Lewis Road/Fry Road intersection (Photo 14).

Agricultural Ditch AD-07. AD-07 is located adjacent to the east shoulder of Lewis Road (Photo 15). AD-07 is 2 feet wide, and is vegetated with shortpod mustard and ripgut brome (*Bromus diandrus*). No culvert to the eastern primary drainage is visible to the southwest of the Lewis Road/Fry Road intersection; however, a large block of concrete may be obscuring the outfall at this location (Photo 16).

Agricultural Ditch AD-08. AD-08 is located approximately 1,200 feet east of Lewis Road (Photo 17). AD-08 is approximately 4 feet wide, and vegetation is dominated by shortpod

mustard and cultivated radish (*Raphanus sativus*). The culvert outfall to the eastern primary drainage is opposite Fry Road (Photo 18).

Agricultural Ditch AD-09. AD-09 is adjacent to the west shoulder of Chicorp Lane. (Photo 19). AD-09 is approximately 4 feet wide and is vegetated with shortpod mustard, slender oat (*Avena barbata*), and hummingbird trumpet (*Epilobium canum*). The culvert outfall to the eastern primary drainage is opposite Fry Road (Photo 20).

Agricultural Ditch AD-10. AD-10 is adjacent to the east shoulder of Chicorp Lane. (Photo 21). AD-10 is approximately 5 feet wide and is sparsely vegetated with hummingbird trumpet. A concrete headwall is located at the culvert inlet. An outfall to the eastern primary drainage was not found; this ditch may confluence with the AD-09 outfall beneath Fry Road.

Agricultural Ditch AD-11. AD-11 is approximately 1,100 feet east of Chicorp Lane. (Photo 22). The ditch is approximately 4 feet wide and is vegetated with slender oat and ripgut brome. The culvert outfall to the eastern primary drainage is opposite Fry Road (Photo 23).

Agricultural Ditch AD-14. AD-14 is approximately 2,600 feet east of Chicorp Lane. (Photo 24). The ditch is vegetated with hummingbird trumpet, redstem stork's bill (*Erodium cicutarium*), bristly oxtongue (*Picris echioides*, FAC*), willowleaf lettuce (*Lactuca saligna*), and shepard's purse (*Capsella bursa-pastoris*, FAC-). The culvert outfall to the eastern primary drainage is opposite Fry Road (Photo 25).

4.1.2 Waters of the State

A total of 0.01 (rounded) acre of potential Waters of the State, represented by three mapped features that are all irrigation canals, are present along the proposed alignment of the CPVVS Project electric transmission line and natural gas pipeline.

Table 3 presents a summary of the Waters of the State that were observed along the natural gas pipeline alignment. The CPVVS project will use horizontal directional drilling to avoid impacts to these features.

TABLE 3
Summary of Waters of the State of California in the Proposed CPVVS Project Wetland Study Area

Potential Jurisdictional Waters Type	Number of Features	Total Acreage in Study Area	Total Impact (acres)
Irrigation Canal (I-04, I-12, I-13)	3	0.0138	0
Totals	3	0.0138	0

Man-Made Irrigation Canals

Three irrigation canals were visible on aerial imagery and were identified in the field. All three irrigation canals are depicted in Figure 2 and are described in detail below. Table 4 at the end of this memo summarizes the width, typical vegetation and facultative status, and photo number for each canal, ditch, and drainage.

Irrigation Canal I-04. I-04 is an unvegetated irrigation canal located between AD-03 and RD-05. No water was observed in this feature at the time of the field survey (Photo 26).

Irrigation Canal I-12. I-12 is an unvegetated feature to the east of a private residence driveway, approximately 1,125 feet east of Chicorp Lane. No water was observed in this feature at the time of the field survey (Photo 27).

Irrigation Canal I-13. I-13 is a sparsely vegetated feature between two fenced pastures, approximately 1,125 feet east of Chicorp Lane. It was inundated at the time of the field survey. (Photo 28).

4.1.3 Seasonal Ponding Area

A shallow basin, constructed sometime after 1997 as an area for drying sludge for later transport off site, is located more than 30 feet north of the temporary construction laydown area (Figure 2). The basin is no longer used as a sludge drying area, but is still bound on all sides by a constructed berm that hydrologically separates it from the CPVVS and construction laydown sites (Photo 29). No permanent water source currently supplies this area (EWTP, 2008). During field surveys, vegetation in this basin was composed of weedy plant species similar to those observed within the CPVVS site and construction laydown area, with the lowest elevations of the basin shallowly ponded and unvegetated. Although currently disked, this basin may seasonally pond water for a sufficient period to provide potential habitat for federally listed vernal pool branchiopod species (USFWS, 2008). This basin is not hydrologically connected to Waters of the U.S., and does not possess hydric soils; therefore, it is not a jurisdictional or non-jurisdictional wetland (See Routine Wetland Determination Data Form, Appendix C). The CPVVS project will not adversely affect the sludge basin, and no additional wetlands are located within 250 feet of the project site, electrical transmission line, or natural gas pipeline. One wetland data sheet was completed for the seasonally inundated sludge basin north of the project site. Hydric soils and hydrophytic vegetation were determined to be absent at this location; therefore, no paired upland data point was evaluated.

SECTION 5

Conclusions

Jurisdictional Waters of the U.S include all rivers and creeks that are tributary to navigable waters as well as wetlands, wet meadows, and seeps that are adjacent to such features. The proposed CPVVS project disturbance area contains 14 irrigation canals, agricultural ditches, and roadside drainage features that are hydrologically connected to New Alamo Creek via two primary drainages. Therefore, initial USACE jurisdiction of these features is based on the connectivity to the navigable waters of Alamo Creek. Three irrigation canals within the proposed CPVVS site (I-04, I-12, and I-13) are not hydrologically connected to jurisdictional Waters of the U.S., and therefore would not be considered to be under the jurisdiction of the USACE. Table 4 lists the potential Waters of the U.S. in the project area. Table 5 lists the potential Waters of the State in the project area.

The total extent of waters along the along the electrical transmission line and natural gas pipeline alignment (including both federal and state jurisdictions) is 0.09 acre, which includes 14 aquatic features (irrigation canals, agricultural ditches and roadside drainages). The total expected impact to Waters of the U.S. from construction of the stormwater detention basin outfall structure is 0.0138 acre (200 square feet). All appropriate permits and authorizations from the USACE, CDFG, and CVRWQCB will be obtained prior to the start of construction.

TABLE 4
Potential Waters of the U.S. in the CPVVS Project Area

Drainage/ Ditch	Width (feet)	Dominant Vegetation	Notes	Photos
RD-01	2	Shortpod mustard (<i>Hirschfeldia incana</i> , NOL)	Recently dug, very sparsely vegetated. Connects with drainage RD-01P to the west.	3, 4, 5
AD-02	2	Poison hemlock (<i>Conium maculatum</i> , FACW) Rough cocklebur (<i>Xanthium strumarium</i> , FAC+)	No inundation	6, 7
AD-03	2	Shortpod mustard (<i>Hirschfeldia incana</i> , NOL) Rough cocklebur (<i>Xanthium strumarium</i> , FAC+)	Parallel drains to the West of Vaca Station Road are connected by a perpendicular ditch parallel to Fry Road. A common culvert is located near the Vaca Station Road/ Fry Road intersection.	8, 9
RD-05	3	Shortpod mustard (<i>Hirschfeldia incana</i> , NOL) Curly dock (<i>Rumex crispus</i> , FACW-)	Not inundated	10,11, 12
RD-06	3	Shortpod mustard (<i>Hirschfeldia incana</i> , NOL) Poison hemlock (<i>Conium maculatum</i> , FACW) Curly dock (<i>Rumex crispus</i> , FACW-)		13,14
AD-07	2	Shortpod mustard (<i>Hirschfeldia incana</i> , NOL) Ripgut brome (<i>Bromus diandrus</i>)	Not inundated	15, 16

TABLE 4

Potential Waters of the U.S. in the CPVVS Project Area

Drainage/ Ditch	Width (feet)	Dominant Vegetation	Notes	Photos
AD-08	4	Shortpod mustard (<i>Hirschfeldia incana</i> , NOL) Cultivated radish (<i>Raphanus sativus</i> , NOL)	Inundated	17, 18
AD-09	4	Shortpod mustard (<i>Hirschfeldia incana</i> , NOL) Slender oat (<i>Avena barbata</i> , NOL) Hummingbird trumpet (<i>Epilobium canum</i> , NOL)		19, 20
AD-10	5	Hummingbird trumpet (<i>Epilobium canum</i> , NOL)	Sparsely vegetated	21
AD-11	4	Slender oat (<i>Avena barbata</i> , NOL) Ripgut Brome (<i>Bromus diandrus</i>)	Inundated	22, 23
AD-14	4	Hummingbird trumpet (<i>Epilobium canum</i> , NOL) Redstem stork's bill (<i>Erodium cicutarium</i>) Bristly oxtongue (<i>Picris echioides</i> , FAC*) Willowleaf lettuce (<i>Lactuca saligna</i>) Shepard's purse (<i>Capsella bursa-pastoris</i> , FAC-)	Inundated	24, 25

Source: National List of Plant Species that Occur in Wetlands, Region 0 [California] (Reed, 1988).

+, -, * = Modifiers developed by the National Plant List Panel.

AG = Agricultural Ditch

FAC = Facultative Status Species; Estimated probability of 33 to 67% chance of occurring in wetlands.

FAC- = Species not considered to be typically adapted for life in anaerobic soil conditions.

FACW = Facultative Wetland Status; Estimated probability of 67 to 99% chance of occurring in wetlands.

I = Irrigation Canal

NOL = Not on 1988 List.

RD = Roadside Drainage

TABLE 5

Potential Waters of the State in the CPVVS Project Area

Canal/Ditch/ Drainage	Width (feet)	Dominant Vegetation	Notes	Photos
I-04	2	Shortpod mustard (<i>Hirschfeldia incana</i> , NOL) Rough cocklebur (<i>Xanthium strumarium</i> , FAC+)	Irrigation canal	26
I-12	2	Hummingbird trumpet (<i>Epilobium canum</i> , NOL)	Irrigation canal	27
I-13	2	Hummingbird trumpet (<i>Epilobium canum</i> , NOL)	Irrigation canal, sparsely vegetated	28

Source: National List of Plant Species that Occur in Wetlands, Region 0 [California] (Reed, 1988).

+, -, * = Modifiers developed by the National Plant List Panel.

FAC = Facultative Status Species; Estimated probability of 33 to 67% chance of occurring in wetlands.

FAC- = Species not considered to be typically adapted for life in anaerobic soil conditions.

FACW = Facultative Wetland Status; Estimated probability of 67 to 99% chance of occurring in wetlands.

NOL = Not on 1988 List.

SECTION 6

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Appendix A

Photographs



PHOTO 1
Confluence of Western Primary Drainage with New Alamo Creek, to the North. (March 17, 2009)



PHOTO 2
Confluence of Eastern Primary Drainage with Old Alamo Creek, to the West. (March 17, 2009)



PHOTO 3
RD-01 to the Northeast from Fry Road. (March 17, 2009)



PHOTO 4
RD-01 Outfall to the Western Primary Drainage, to the Northeast. (March 17, 2009)



PHOTO 5
RD-01P, to the West. (March 17, 2009)



PHOTO 6
AD-02, to the North. (March 17, 2009)



PHOTO 7
AD-02, Showing Unpaved Access Road above Culvert to Western Primary Drainage, to the North.
(March 17, 2009)



PHOTO 8
AD-03, to the North. (March 17, 2009)



PHOTO 9
AD-03P, to the East (March 17, 2009)



PHOTO 10
AD-03P, to the West. (March 17, 2009)



PHOTO 11
AD-03P Culvert Inlet, to the Southwest. (March 17, 2009)



PHOTO 12
RD-05 Outfall to the Western Primary Drainage, to the West. (March 17, 2009)



PHOTO 13
RD-06, to the North. (March 17, 2009)



PHOTO 14
RD-06 Outfall to the Western Primary Drainage, to the North. (March 17, 2009)



PHOTO 15
AD-07, to the North. (March 17, 2009)



PHOTO 16
AD-07, Possible Obscured Outfall to the Eastern Primary Drainage, to the North. (March 17, 2009)



PHOTO 17
AD-08, to the North. (March 17, 2009)



PHOTO 18
AD-08 Outfall to the Eastern Primary Drainage, to the Southwest. (March 17, 2009)



PHOTO 19
AD-09, to the North. (March 17, 2009)



PHOTO 20
AD-09 Outfall to the Eastern Primary Drainage, to the East. (March 17, 2009)



PHOTO 21
AD-10, to the North. (March 17, 2009)



PHOTO 22
AD-11, to the North. (March 17, 2009)



PHOTO 23
AD-11 Showing Outfall to Eastern Primary Drainage, to the East (March 17, 2009)



PHOTO 24
AD-14, to the North. (March 17, 2009)



PHOTO 25
AD-14, Showing Outfall to the Eastern Primary Drainage, to the Northwest. (March 17, 2009)



PHOTO 26
I-04, to the North (March 17, 2009)



PHOTO 27
I-12, to the North. (March 17, 2009)



PHOTO 28
I-13, to the North. (March 17, 2009)



PHOTO 29

Seasonal Ponded Area, to the South with Mt. Diablo in the Background.
Midground Shows Continuation of the Berm along the South Edge (July 10, 2008).

Appendix B

Drainage Plan

CPV VACA STATION HYDROLOGY STUDY

Prepared by Phillippi Engineering, Inc.

July 2, 2009

SECTION 1: INTRODUCTION

Phillippi Engineering, Inc. has been retained to evaluate the onsite pre and post development storm runoff at the CPV Vaca Station site. The developed site drains from the West to the East into the detention pond. The City of Vacaville design criteria requires that post development storm runoff peak flow rates not exceed pre-development peak flow rates. Calculations for the pre-developed and post-developed site have been prepared and are enclosed. The Hydraulic design calculations were prepared using the SCS type 1A 24-hour 10 and 100-year storm event.

SECTION 2: PRE-DEVELOPED SITE MODEL

The pre-developed site consists of silty-clay loam soil and natural grasses. Storm runoff drains West to East across an open field with an approximate slope of 0.33% into a roadside ditch along Lewis Rd. The roadside ditch carries the runoff south through a culvert under Fry Rd. The runoff then continues South in a roadside ditch to New Alamo Creek approximately 0.5 miles South of the project site.

Several parameters were needed to model the existing site 100-year 24-hour storm. Runoff curve numbers are selected based upon the site soil group and site use. Group C soil (clay loam) and grass open space parameters were used to determine the curve number of 74. The time of concentration was calculated using a TR-55 worksheet. This takes into account the sheet flow, shallow concentrated, and open channel flow times. The site has a natural grade of 0.33% where sheet flow and shallow concentrated flow occur. The roadside ditch along Lewis Rd has a grade of approximately 0.15% where the open channel flow occurs. Using these parameters the time of concentration is 114 minutes. The pre-development site generated a 100-year peak runoff of 7.44cfs. Any increase in peak runoff resulting from the proposed project will need to be mitigated with an onsite detention pond.

SECTION 3: POST-DEVELOPMENT SITE MODEL

The developed site will consist mostly of asphalt, concrete, gravel, and perimeter landscaping. Storm runoff will be sheet flow to a series of culverts and ditches that enter into the detention pond located at the southeast corner of the site adjacent to the intersection of Fry and Lewis Road. The detention pond will have a gravity outlet to the existing culvert draining south across Fry Road into a roadside ditch. The ditch then continues South to New Alamo Creek.

Several parameters were needed to model the proposed site 100-year 24-hour storm. A runoff curve number of 91 was selected based upon soil group C (clay loam) on an industrial site. A TR-55 worksheet was used to calculate the time of concentration. At the most remote location of the site runoff will sheet flow over paved surfaces directly to inlets and vegetated swales. Sheet flow and open channel flow times have been calculated while shallow concentrated flow would not occur. The proposed site time of concentration was determined to be 34 minutes. Using these parameters the developed site storm generated a 100-year peak flow rate of 23.03cfs. This storm hydrograph was then routed to the detention pond for runoff mitigation analysis.

The detention pond was designed along the eastern side of the site with a minimum bottom elevation of 59.0 and a top elevation of 64.0. The base of the pond slopes toward the riser pipe outlet structure at approximately 0.25%. A 30' emergency spillway weir at an elevation of 63.2 was designed along the eastern berm that will allow emergency overflows resulting from a storm event in excess of the design 100-year storm or from an outflow structure failure to release in a controlled manner into the roadside ditch adjacent to Lewis Road. The outlet structure will consist of a short (5') 15" pipe that receives the water in the pond, which will drain through a 48" standpipe, and then through the longer (170') 24" outlet pipe.

The analysis for the 100-year 24-hour storm resulted in a peak flow of 6.94cfs discharging from the pond with a maximum water surface elevation of 62.6'. Therefore the detention pond will mitigate the peak

storm runoff by reducing the peak flow rate to 93% of the existing 7.44cfs while providing 1.4' of freeboard in the pond.

The riser pipe outlet structure is designed to provide an emergency release. The pond has been designed such that the water surface during the 100-year storm will not overtop the riser pipe structure under normal circumstances. In the event that the shorter (5') 15" inlet pipe becomes plugged the 48" standpipe will be overtopped and provide an emergency release out of the pond. This scenario has been modeled by removing the shorter (5') 15" pipe and allowing only the 48" riser pipe to act as a weir that drains into the 24" outlet pipe. The peak 100-year runoff leaving the pond in this scenario is 7.46cfs with a maximum water surface elevation of 63.0'.

In the event that the 24" outlet pipe becomes plugged the pond's 30' Eastern emergency weir will then release excess flows prior to backing up and causing onsite flooding. These flows will be collected in the roadside ditch adjacent to Lewis Road and conveyed South to the Fry Rd culvert. If the 24" outlet pipe is plugged downstream of the riser pipe then the riser will no longer function as an emergency release. This scenario has been modeled by removing the outlet structure pipes completely and only allowing storm water flows to be released through the 30' wide broad crested weir. The peak runoff leaving the pond in this scenario is 6.20cfs with a maximum elevation of 63.4'. This will ensure that the project site is still protected in the event that there is a complete failure of the pond outlet.

SECTION 4: CONCLUSION

The CPV Vaca site will develop a relatively flat agricultural site that will require a detention pond to mitigate the concentrated peak runoff flows leaving the developed site. The detention pond and its outlet structure have been sized to store and meter the storm water runoff such that the developed site will release a smaller peak flow than the pre-developed site. As a part of the pond design the outlet structure integrates a 48" riser pipe providing an emergency release point of discharge. A 30' emergency spillway has also been incorporated into the pond design that would release storm water to the East in the event that there was a complete failure of the riser pipe outlet structure. The proposed detention pond serves as a collection point for the concentrated developed on-site storm drain system and provides on-site flood protection while reducing the downstream storm water flow below the existing condition.

PRE-DEVELOPMENT MODEL CALCULATIONS

Watershed Model Schematic

Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2009 by Autodesk, Inc. v6.066



Legend

<u>Hyd.</u>	<u>Origin</u>	<u>Description</u>
1	SCS Runoff	SCS Storm on existing site

Hydrograph Return Period Recap

Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2009 by Autodesk, Inc. v6.066

Hyd. No.	Hydrograph type (origin)	Inflow Hyd(s)	Peak Outflow (cfs)								Hydrograph description
			1-Yr	2-Yr	3-Yr	5-Yr	10-Yr	25-Yr	50-Yr	100-Yr	
1	SCS Runoff	-----	-----	1.030	-----	2.417	3.559	5.089	6.252	7.444	SCS Storm on existing site
Proj. file: Existing Site SCS 06-25-09.gpw										Thursday, Jul 2, 2009	

Hydrograph Summary Report

Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2009 by Autodesk, Inc. v6.066

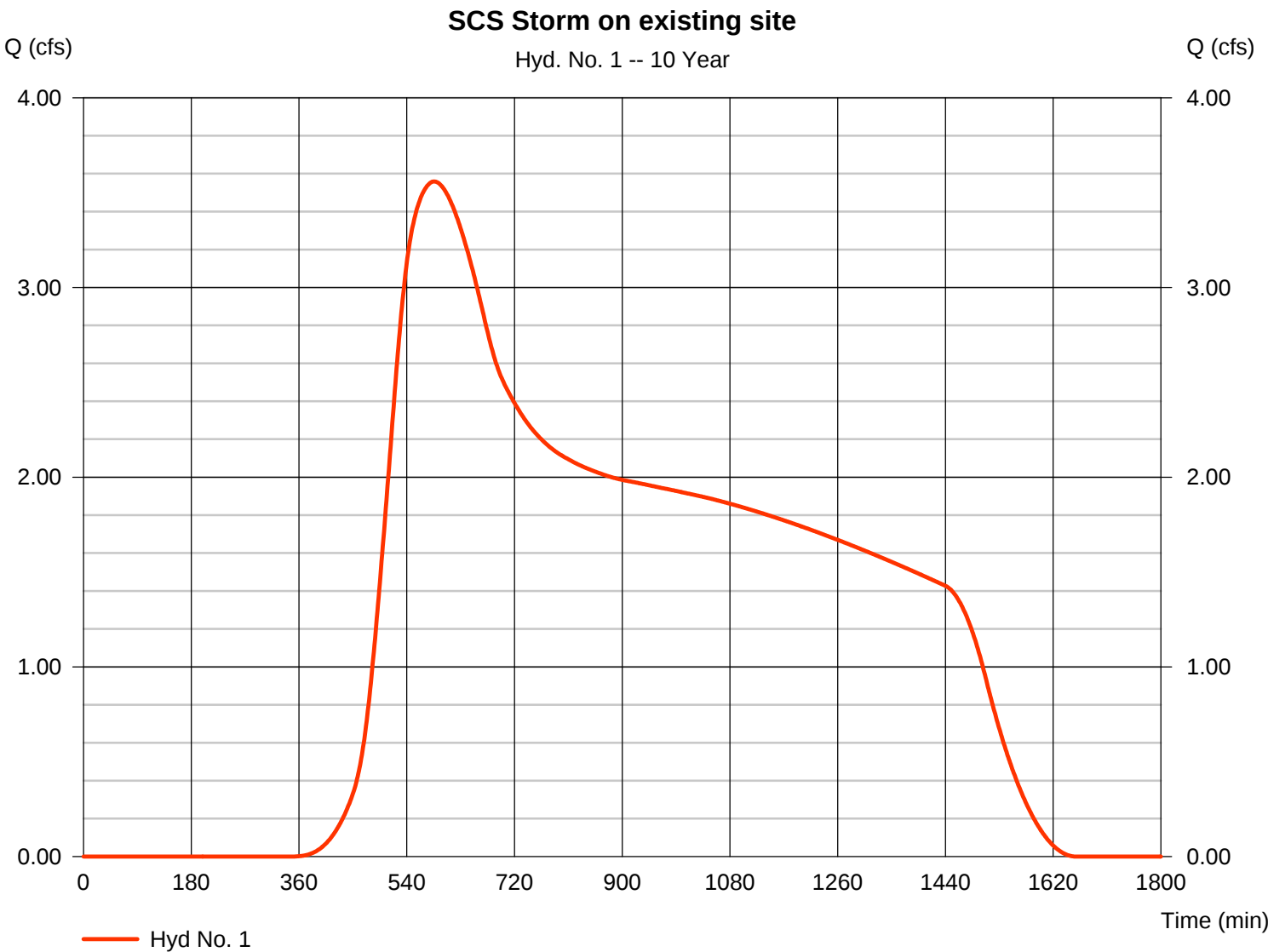
Hyd. No.	Hydrograph type (origin)	Peak flow (cfs)	Time interval (min)	Time to peak (min)	Hyd. volume (cuft)	Inflow hyd(s)	Maximum elevation (ft)	Total strge used (cuft)	Hydrograph description
1	SCS Runoff	3.559	1	586	130,109	-----	-----	-----	SCS Storm on existing site
Existing Site SCS 06-25-09.gpw					Return Period: 10 Year			Thursday, Jul 2, 2009	

Hydrograph Report

Hyd. No. 1

SCS Storm on existing site

Hydrograph type	=	SCS Runoff	Peak discharge	=	3.559 cfs
Storm frequency	=	10 yrs	Time to peak	=	586 min
Time interval	=	1 min	Hyd. volume	=	130,109 cuft
Drainage area	=	25.500 ac	Curve number	=	74
Basin Slope	=	0.0 %	Hydraulic length	=	0 ft
Tc method	=	TR55	Time of conc. (Tc)	=	114.10 min
Total precip.	=	3.74 in	Distribution	=	Type IA
Storm duration	=	24 hrs	Shape factor	=	400



TR55 Tc Worksheet

Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2009 by Autodesk, Inc. v6.066

Hyd. No. 1

SCS Storm on existing site

<u>Description</u>	<u>A</u>	<u>B</u>	<u>C</u>	<u>Totals</u>
Sheet Flow				
Manning's n-value	= 0.240	0.011	0.011	
Flow length (ft)	= 300.0	0.0	0.0	
Two-year 24-hr precip. (in)	= 2.39	0.00	0.00	
Land slope (%)	= 0.33	0.00	0.00	
Travel Time (min)	= 81.75	+ 0.00	+ 0.00	= 81.75
Shallow Concentrated Flow				
Flow length (ft)	= 900.00	0.00	0.00	
Watercourse slope (%)	= 0.33	0.00	0.00	
Surface description	= Unpaved	Paved	Paved	
Average velocity (ft/s)	= 0.93	0.00	0.00	
Travel Time (min)	= 16.18	+ 0.00	+ 0.00	= 16.18
Channel Flow				
X sectional flow area (sqft)	= 5.80	0.00	0.00	
Wetted perimeter (ft)	= 7.80	0.00	0.00	
Channel slope (%)	= 0.10	0.00	0.00	
Manning's n-value	= 0.025	0.015	0.015	
Velocity (ft/s)	= 1.55	0.00	0.00	
Flow length (ft)	= 1500.0	0.0	0.0	
Travel Time (min)	= 16.18	+ 0.00	+ 0.00	= 16.18
Total Travel Time, Tc				114.10 min

Hydrograph Summary Report

Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2009 by Autodesk, Inc. v6.066

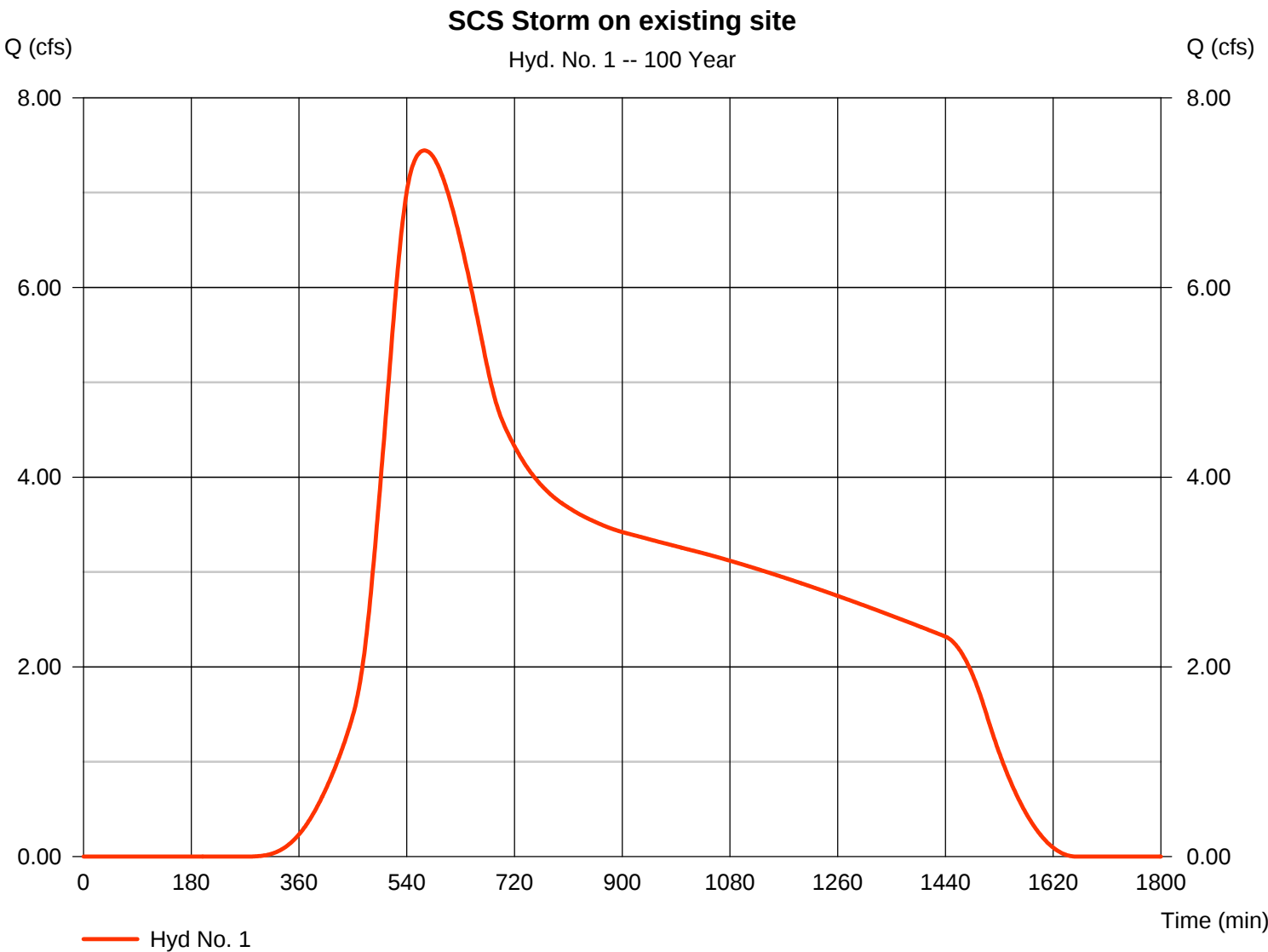
Hyd. No.	Hydrograph type (origin)	Peak flow (cfs)	Time interval (min)	Time to peak (min)	Hyd. volume (cuft)	Inflow hyd(s)	Maximum elevation (ft)	Total strge used (cuft)	Hydrograph description
1	SCS Runoff	7,444	1	569	240,751	-----	-----	-----	SCS Storm on existing site
Existing Site SCS 06-25-09.gpw					Return Period: 100 Year			Thursday, Jul 2, 2009	

Hydrograph Report

Hyd. No. 1

SCS Storm on existing site

Hydrograph type	=	SCS Runoff	Peak discharge	=	7.444 cfs
Storm frequency	=	100 yrs	Time to peak	=	569 min
Time interval	=	1 min	Hyd. volume	=	240,751 cuft
Drainage area	=	25.500 ac	Curve number	=	74
Basin Slope	=	0.0 %	Hydraulic length	=	0 ft
Tc method	=	TR55	Time of conc. (Tc)	=	114.10 min
Total precip.	=	5.30 in	Distribution	=	Type IA
Storm duration	=	24 hrs	Shape factor	=	400



Hydraflow Rainfall Report

Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2009 by Autodesk, Inc. v6.066

Thursday, Jul 2, 2009

Return Period (Yrs)	Intensity-Duration-Frequency Equation Coefficients (FHA)			
	B	D	E	(N/A)
1	0.0000	0.0000	0.0000	-----
2	7.2795	0.3000	0.5819	-----
3	0.0000	0.0000	0.0000	-----
5	0.0000	0.0000	0.0000	-----
10	10.6394	0.1000	0.5677	-----
25	0.0000	0.0000	0.0000	-----
50	0.0000	0.0000	0.0000	-----
100	15.4902	0.1000	0.5733	-----

File name: Vacaville_ISO_22.IDF

Intensity = B / (Tc + D)^E

Return Period (Yrs)	Intensity Values (in/hr)											
	5 min	10	15	20	25	30	35	40	45	50	55	60
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	2.76	1.87	1.49	1.26	1.11	1.00	0.91	0.85	0.79	0.74	0.70	0.67
3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10	4.22	2.86	2.28	1.94	1.71	1.54	1.41	1.31	1.22	1.15	1.09	1.04
25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
100	6.09	4.11	3.27	2.77	2.44	2.20	2.01	1.87	1.74	1.64	1.56	1.48

Tc = time in minutes. Values may exceed 60.

Precip. file name: Sample.pcp

Storm Distribution	Rainfall Precipitation Table (in)							
	1-yr	2-yr	3-yr	5-yr	10-yr	25-yr	50-yr	100-yr
SCS 24-hour	0.00	2.39	0.00	3.20	3.74	4.39	4.85	5.30
SCS 6-Hr	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Huff-1st	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Huff-2nd	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Huff-3rd	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Huff-4th	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Huff-Indy	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Custom	0.00	2.39	0.00	3.20	3.74	4.39	4.85	5.30

Hydrograph Report

Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2009 by Autodesk, Inc. v6.066

Thursday, Jul 2, 2009

Hyd. No. 1

SCS Storm on existing site

Hydrograph type	= SCS Runoff	Peak discharge	= 3.559 cfs
Storm frequency	= 10 yrs	Time to peak	= 586 min
Time interval	= 1 min	Hyd. volume	= 130,109 cuft
Drainage area	= 25.500 ac	Curve number	= 74
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= TR55	Time of conc. (Tc)	= 114.1 min
Total precip.	= 3.74 in	Distribution	= Type IA
Storm duration	= 24 hrs	Shape factor	= 400

Hydrograph Discharge Table

(Printed values >= 1.00% of Qp.)

Time -- Outflow (min cfs)	Time -- Outflow (min cfs)	Time -- Outflow (min cfs)	Time -- Outflow (min cfs)
393 0.037	432 0.195	471 0.665	510 2.038
394 0.039	433 0.201	472 0.689	511 2.079
395 0.042	434 0.207	473 0.714	512 2.120
396 0.044	435 0.214	474 0.741	513 2.161
397 0.046	436 0.221	475 0.768	514 2.203
398 0.049	437 0.228	476 0.795	515 2.244
399 0.052	438 0.235	477 0.824	516 2.286
400 0.054	439 0.242	478 0.854	517 2.328
401 0.057	440 0.249	479 0.884	518 2.370
402 0.060	441 0.256	480 0.916	519 2.411
403 0.063	442 0.264	481 0.947	520 2.452
404 0.066	443 0.272	482 0.980	521 2.493
405 0.069	444 0.280	483 1.013	522 2.533
406 0.072	445 0.288	484 1.046	523 2.573
407 0.076	446 0.296	485 1.080	524 2.612
408 0.079	447 0.304	486 1.115	525 2.650
409 0.083	448 0.313	487 1.149	526 2.688
410 0.086	449 0.322	488 1.185	527 2.725
411 0.090	450 0.331	489 1.220	528 2.761
412 0.094	451 0.340	490 1.256	529 2.797
413 0.098	452 0.350	491 1.293	530 2.832
414 0.102	453 0.361	492 1.330	531 2.866
415 0.106	454 0.372	493 1.367	532 2.899
416 0.110	455 0.383	494 1.404	533 2.931
417 0.115	456 0.396	495 1.442	534 2.962
418 0.119	457 0.408	496 1.480	535 2.993
419 0.124	458 0.422	497 1.519	536 3.022
420 0.129	459 0.436	498 1.558	537 3.050
421 0.134	460 0.451	499 1.597	538 3.078
422 0.138	461 0.466	500 1.636	539 3.104
423 0.144	462 0.483	501 1.675	540 3.129
424 0.149	463 0.500	502 1.715	541 3.154
425 0.154	464 0.517	503 1.755	542 3.177
426 0.159	465 0.536	504 1.795	543 3.199
427 0.165	466 0.555	505 1.835	544 3.220
428 0.171	467 0.576	506 1.875	545 3.240
429 0.176	468 0.597	507 1.916	546 3.258
430 0.182	469 0.618	508 1.956	547 3.276
431 0.188	470 0.641	509 1.997	548 3.293

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Hydrograph Discharge Table

Time -- Outflow (min cfs)	Time -- Outflow (min cfs)	Time -- Outflow (min cfs)	Time -- Outflow (min cfs)
549	3.308	605	3.504
550	3.324	606	3.499
551	3.338	607	3.493
552	3.352	608	3.488
553	3.366	609	3.482
554	3.378	610	3.475
555	3.391	611	3.469
556	3.402	612	3.462
557	3.414	613	3.455
558	3.424	614	3.448
559	3.434	615	3.441
560	3.444	616	3.434
561	3.453	617	3.426
562	3.462	618	3.418
563	3.470	619	3.410
564	3.478	620	3.402
565	3.485	621	3.394
566	3.492	622	3.385
567	3.499	623	3.377
568	3.505	624	3.368
569	3.511	625	3.359
570	3.516	626	3.350
571	3.521	627	3.340
572	3.526	628	3.331
573	3.531	629	3.321
574	3.535	630	3.311
575	3.539	631	3.302
576	3.542	632	3.292
577	3.545	633	3.281
578	3.548	634	3.271
579	3.551	635	3.261
580	3.553	636	3.250
581	3.555	637	3.240
582	3.556	638	3.229
583	3.557	639	3.218
584	3.558	640	3.207
585	3.559	641	3.196
586	3.559 <<	642	3.185
587	3.558	643	3.174
588	3.558	644	3.163
589	3.557	645	3.151
590	3.556	646	3.140
591	3.554	647	3.128
592	3.552	648	3.116
593	3.550	649	3.104
594	3.548	650	3.092
595	3.545	651	3.080
596	3.542	652	3.068
597	3.539	653	3.055
598	3.536	654	3.043
599	3.532	655	3.030
600	3.528	656	3.017
601	3.524	657	3.005
602	3.519	658	2.992
603	3.515	659	2.979
604	3.510	660	2.966
		661	2.953
		662	2.940
		663	2.926
		664	2.913
		665	2.900
		666	2.886
		667	2.873
		668	2.859
		669	2.845
		670	2.832
		671	2.818
		672	2.805
		673	2.791
		674	2.778
		675	2.765
		676	2.752
		677	2.739
		678	2.727
		679	2.714
		680	2.702
		681	2.690
		682	2.679
		683	2.667
		684	2.656
		685	2.645
		686	2.634
		687	2.623
		688	2.613
		689	2.603
		690	2.594
		691	2.584
		692	2.575
		693	2.566
		694	2.558
		695	2.549
		696	2.541
		697	2.534
		698	2.526
		699	2.519
		700	2.512
		701	2.505
		702	2.498
		703	2.492
		704	2.485
		705	2.479
		706	2.472
		707	2.466
		708	2.460
		709	2.454
		710	2.448
		711	2.442
		712	2.436
		713	2.430
		714	2.424
		715	2.419
		716	2.413
		717	2.408
		718	2.402
		719	2.397
		720	2.391
		721	2.386
		722	2.380
		723	2.375
		724	2.370
		725	2.365
		726	2.359
		727	2.354
		728	2.349
		729	2.344
		730	2.339
		731	2.334
		732	2.329
		733	2.324
		734	2.319
		735	2.315
		736	2.310
		737	2.305
		738	2.301
		739	2.296
		740	2.292
		741	2.288
		742	2.283
		743	2.279
		744	2.275
		745	2.271
		746	2.267
		747	2.263
		748	2.259
		749	2.255
		750	2.251
		751	2.247
		752	2.244
		753	2.240
		754	2.236
		755	2.233
		756	2.229
		757	2.226
		758	2.222
		759	2.219
		760	2.216
		761	2.212
		762	2.209
		763	2.206
		764	2.202
		765	2.199
		766	2.196
		767	2.193
		768	2.190
		769	2.187
		770	2.184
		771	2.181
		772	2.178

Continues on next page...

Hydrograph Discharge Table

Time -- Outflow (min cfs)	Time -- Outflow (min cfs)	Time -- Outflow (min cfs)	Time -- Outflow (min cfs)
773	2.175	829	2.063
774	2.172	830	2.062
775	2.170	831	2.060
776	2.167	832	2.059
777	2.164	833	2.057
778	2.162	834	2.056
779	2.159	835	2.055
780	2.156	836	2.053
781	2.154	837	2.052
782	2.151	838	2.051
783	2.149	839	2.049
784	2.146	840	2.048
785	2.144	841	2.047
786	2.142	842	2.045
787	2.139	843	2.044
788	2.137	844	2.043
789	2.135	845	2.041
790	2.132	846	2.040
791	2.130	847	2.039
792	2.128	848	2.038
793	2.126	849	2.037
794	2.124	850	2.035
795	2.122	851	2.034
796	2.120	852	2.033
797	2.118	853	2.032
798	2.116	854	2.031
799	2.114	855	2.029
800	2.112	856	2.028
801	2.110	857	2.027
802	2.108	858	2.026
803	2.107	859	2.025
804	2.105	860	2.023
805	2.103	861	2.022
806	2.101	862	2.021
807	2.099	863	2.020
808	2.098	864	2.019
809	2.096	865	2.018
810	2.094	866	2.016
811	2.093	867	2.015
812	2.091	868	2.014
813	2.089	869	2.013
814	2.087	870	2.012
815	2.086	871	2.011
816	2.084	872	2.010
817	2.082	873	2.009
818	2.081	874	2.008
819	2.079	875	2.007
820	2.077	876	2.006
821	2.076	877	2.005
822	2.074	878	2.004
823	2.072	879	2.003
824	2.071	880	2.002
825	2.069	881	2.001
826	2.068	882	2.000
827	2.066	883	1.999
828	2.065	884	1.998
		885	1.997
		886	1.996
		887	1.996
		888	1.995
		889	1.994
		890	1.993
		891	1.992
		892	1.992
		893	1.991
		894	1.990
		895	1.989
		896	1.989
		897	1.988
		898	1.987
		899	1.986
		900	1.986
		901	1.985
		902	1.984
		903	1.984
		904	1.983
		905	1.982
		906	1.982
		907	1.981
		908	1.981
		909	1.980
		910	1.979
		911	1.979
		912	1.978
		913	1.978
		914	1.977
		915	1.976
		916	1.976
		917	1.975
		918	1.975
		919	1.974
		920	1.973
		921	1.973
		922	1.972
		923	1.971
		924	1.971
		925	1.970
		926	1.970
		927	1.969
		928	1.968
		929	1.968
		930	1.967
		931	1.966
		932	1.966
		933	1.965
		934	1.965
		935	1.964
		936	1.963
		937	1.963
		938	1.962
		939	1.961
		940	1.961
		941	1.960
		942	1.959
		943	1.959
		944	1.958
		945	1.957
		946	1.957
		947	1.956
		948	1.955
		949	1.955
		950	1.954
		951	1.953
		952	1.952
		953	1.952
		954	1.951
		955	1.950
		956	1.950
		957	1.949
		958	1.948
		959	1.948
		960	1.947
		961	1.946
		962	1.946
		963	1.945
		964	1.944
		965	1.944
		966	1.943
		967	1.942
		968	1.942
		969	1.941
		970	1.941
		971	1.940
		972	1.939
		973	1.939
		974	1.938
		975	1.937
		976	1.937
		977	1.936
		978	1.935
		979	1.935
		980	1.934
		981	1.934
		982	1.933
		983	1.932
		984	1.932
		985	1.931
		986	1.930
		987	1.930
		988	1.929
		989	1.928
		990	1.928
		991	1.927
		992	1.926
		993	1.925
		994	1.925
		995	1.924
		996	1.923

Continues on next page...

Hydrograph Discharge Table

Time -- Outflow (min cfs)	Time -- Outflow (min cfs)	Time -- Outflow (min cfs)	Time -- Outflow (min cfs)
997	1.923	1053	1.883
998	1.922	1054	1.882
999	1.921	1055	1.881
1000	1.921	1056	1.880
1001	1.920	1057	1.879
1002	1.919	1058	1.879
1003	1.918	1059	1.878
1004	1.918	1060	1.877
1005	1.917	1061	1.876
1006	1.916	1062	1.875
1007	1.916	1063	1.874
1008	1.915	1064	1.874
1009	1.914	1065	1.873
1010	1.914	1066	1.872
1011	1.913	1067	1.871
1012	1.912	1068	1.870
1013	1.912	1069	1.869
1014	1.911	1070	1.869
1015	1.910	1071	1.868
1016	1.910	1072	1.867
1017	1.909	1073	1.866
1018	1.908	1074	1.865
1019	1.908	1075	1.864
1020	1.907	1076	1.863
1021	1.906	1077	1.863
1022	1.905	1078	1.862
1023	1.905	1079	1.861
1024	1.904	1080	1.860
1025	1.903	1081	1.859
1026	1.903	1082	1.858
1027	1.902	1083	1.857
1028	1.901	1084	1.856
1029	1.901	1085	1.856
1030	1.900	1086	1.855
1031	1.899	1087	1.854
1032	1.899	1088	1.853
1033	1.898	1089	1.852
1034	1.897	1090	1.851
1035	1.896	1091	1.850
1036	1.896	1092	1.849
1037	1.895	1093	1.848
1038	1.894	1094	1.848
1039	1.893	1095	1.847
1040	1.893	1096	1.846
1041	1.892	1097	1.845
1042	1.891	1098	1.844
1043	1.890	1099	1.843
1044	1.890	1100	1.842
1045	1.889	1101	1.841
1046	1.888	1102	1.840
1047	1.887	1103	1.839
1048	1.887	1104	1.838
1049	1.886	1105	1.837
1050	1.885	1106	1.837
1051	1.884	1107	1.836
1052	1.883	1108	1.835
		1109	1.834
		1110	1.833
		1111	1.832
		1112	1.831
		1113	1.830
		1114	1.829
		1115	1.828
		1116	1.827
		1117	1.826
		1118	1.825
		1119	1.824
		1120	1.823
		1121	1.822
		1122	1.821
		1123	1.820
		1124	1.819
		1125	1.818
		1126	1.817
		1127	1.816
		1128	1.815
		1129	1.815
		1130	1.814
		1131	1.813
		1132	1.812
		1133	1.811
		1134	1.810
		1135	1.809
		1136	1.808
		1137	1.807
		1138	1.806
		1139	1.805
		1140	1.804
		1141	1.803
		1142	1.802
		1143	1.801
		1144	1.800
		1145	1.799
		1146	1.798
		1147	1.796
		1148	1.795
		1149	1.794
		1150	1.793
		1151	1.792
		1152	1.791
		1153	1.790
		1154	1.789
		1155	1.788
		1156	1.787
		1157	1.786
		1158	1.785
		1159	1.784
		1160	1.783
		1161	1.782
		1162	1.781
		1163	1.780
		1164	1.779
		1165	1.778
		1166	1.777
		1167	1.776
		1168	1.775
		1169	1.774
		1170	1.773
		1171	1.771
		1172	1.770
		1173	1.769
		1174	1.768
		1175	1.767
		1176	1.766
		1177	1.765
		1178	1.764
		1179	1.763
		1180	1.762
		1181	1.761
		1182	1.760
		1183	1.759
		1184	1.757
		1185	1.756
		1186	1.755
		1187	1.754
		1188	1.753
		1189	1.752
		1190	1.751
		1191	1.750
		1192	1.749
		1193	1.748
		1194	1.746
		1195	1.745
		1196	1.744
		1197	1.743
		1198	1.742
		1199	1.741
		1200	1.740
		1201	1.739
		1202	1.738
		1203	1.736
		1204	1.735
		1205	1.734
		1206	1.733
		1207	1.732
		1208	1.731
		1209	1.730
		1210	1.728
		1211	1.727
		1212	1.726
		1213	1.725
		1214	1.724
		1215	1.723
		1216	1.722
		1217	1.720
		1218	1.719
		1219	1.718
		1220	1.717

Continues on next page...

Hydrograph Discharge Table

Time -- Outflow (min cfs)	Time -- Outflow (min cfs)	Time -- Outflow (min cfs)	Time -- Outflow (min cfs)
1221	1.716	1277	1.648
1222	1.715	1278	1.647
1223	1.714	1279	1.646
1224	1.712	1280	1.645
1225	1.711	1281	1.643
1226	1.710	1282	1.642
1227	1.709	1283	1.641
1228	1.708	1284	1.640
1229	1.707	1285	1.638
1230	1.705	1286	1.637
1231	1.704	1287	1.636
1232	1.703	1288	1.635
1233	1.702	1289	1.633
1234	1.701	1290	1.632
1235	1.699	1291	1.631
1236	1.698	1292	1.630
1237	1.697	1293	1.628
1238	1.696	1294	1.627
1239	1.695	1295	1.626
1240	1.694	1296	1.624
1241	1.692	1297	1.623
1242	1.691	1298	1.622
1243	1.690	1299	1.621
1244	1.689	1300	1.619
1245	1.688	1301	1.618
1246	1.686	1302	1.617
1247	1.685	1303	1.616
1248	1.684	1304	1.614
1249	1.683	1305	1.613
1250	1.682	1306	1.612
1251	1.680	1307	1.610
1252	1.679	1308	1.609
1253	1.678	1309	1.608
1254	1.677	1310	1.606
1255	1.676	1311	1.605
1256	1.674	1312	1.604
1257	1.673	1313	1.603
1258	1.672	1314	1.601
1259	1.671	1315	1.600
1260	1.669	1316	1.599
1261	1.668	1317	1.597
1262	1.667	1318	1.596
1263	1.666	1319	1.595
1264	1.665	1320	1.593
1265	1.663	1321	1.592
1266	1.662	1322	1.591
1267	1.661	1323	1.590
1268	1.660	1324	1.588
1269	1.658	1325	1.587
1270	1.657	1326	1.586
1271	1.656	1327	1.584
1272	1.655	1328	1.583
1273	1.653	1329	1.582
1274	1.652	1330	1.580
1275	1.651	1331	1.579
1276	1.650	1332	1.578
		1333	1.576
		1334	1.575
		1335	1.574
		1336	1.572
		1337	1.571
		1338	1.570
		1339	1.568
		1340	1.567
		1341	1.566
		1342	1.564
		1343	1.563
		1344	1.562
		1345	1.560
		1346	1.559
		1347	1.558
		1348	1.556
		1349	1.555
		1350	1.554
		1351	1.552
		1352	1.551
		1353	1.550
		1354	1.548
		1355	1.547
		1356	1.545
		1357	1.544
		1358	1.543
		1359	1.541
		1360	1.540
		1361	1.539
		1362	1.537
		1363	1.536
		1364	1.535
		1365	1.533
		1366	1.532
		1367	1.530
		1368	1.529
		1369	1.528
		1370	1.526
		1371	1.525
		1372	1.524
		1373	1.522
		1374	1.521
		1375	1.519
		1376	1.518
		1377	1.517
		1378	1.515
		1379	1.514
		1380	1.513
		1381	1.511
		1382	1.510
		1383	1.508
		1384	1.507
		1385	1.506
		1386	1.504
		1387	1.503
		1388	1.501
		1389	1.500
		1390	1.499
		1391	1.497
		1392	1.496
		1393	1.494
		1394	1.493
		1395	1.492
		1396	1.490
		1397	1.489
		1398	1.487
		1399	1.486
		1400	1.485
		1401	1.483
		1402	1.482
		1403	1.480
		1404	1.479
		1405	1.478
		1406	1.476
		1407	1.475
		1408	1.473
		1409	1.472
		1410	1.470
		1411	1.469
		1412	1.468
		1413	1.466
		1414	1.465
		1415	1.463
		1416	1.462
		1417	1.460
		1418	1.459
		1419	1.458
		1420	1.456
		1421	1.455
		1422	1.453
		1423	1.452
		1424	1.450
		1425	1.449
		1426	1.448
		1427	1.446
		1428	1.445
		1429	1.443
		1430	1.442
		1431	1.440
		1432	1.439
		1433	1.437
		1434	1.436
		1435	1.435
		1436	1.433
		1437	1.432
		1438	1.430
		1439	1.429
		1440	1.427
		1441	1.426
		1442	1.424
		1443	1.422
		1444	1.420

Continues on next page...

Hydrograph Discharge Table

Time -- Outflow (min cfs)	Time -- Outflow (min cfs)	Time -- Outflow (min cfs)	Time -- Outflow (min cfs)
1445	1.417	1501	1.018
1446	1.415	1502	1.007
1447	1.412	1503	0.995
1448	1.409	1504	0.983
1449	1.406	1505	0.970
1450	1.403	1506	0.958
1451	1.400	1507	0.945
1452	1.396	1508	0.932
1453	1.393	1509	0.920
1454	1.389	1510	0.907
1455	1.385	1511	0.895
1456	1.381	1512	0.882
1457	1.376	1513	0.870
1458	1.372	1514	0.858
1459	1.367	1515	0.846
1460	1.362	1516	0.833
1461	1.357	1517	0.822
1462	1.352	1518	0.810
1463	1.346	1519	0.798
1464	1.341	1520	0.786
1465	1.335	1521	0.775
1466	1.329	1522	0.763
1467	1.323	1523	0.752
1468	1.317	1524	0.740
1469	1.311	1525	0.729
1470	1.304	1526	0.718
1471	1.297	1527	0.707
1472	1.290	1528	0.696
1473	1.283	1529	0.685
1474	1.276	1530	0.674
1475	1.269	1531	0.664
1476	1.261	1532	0.653
1477	1.253	1533	0.642
1478	1.245	1534	0.632
1479	1.237	1535	0.622
1480	1.229	1536	0.611
1481	1.221	1537	0.601
1482	1.212	1538	0.591
1483	1.203	1539	0.581
1484	1.195	1540	0.571
1485	1.185	1541	0.561
1486	1.176	1542	0.552
1487	1.167	1543	0.542
1488	1.157	1544	0.533
1489	1.148	1545	0.523
1490	1.138	1546	0.514
1491	1.128	1547	0.504
1492	1.117	1548	0.495
1493	1.107	1549	0.486
1494	1.097	1550	0.477
1495	1.086	1551	0.468
1496	1.075	1552	0.459
1497	1.064	1553	0.451
1498	1.053	1554	0.442
1499	1.042	1555	0.433
1500	1.030	1556	0.425
		1557	0.417
		1558	0.408
		1559	0.400
		1560	0.392
		1561	0.384
		1562	0.376
		1563	0.368
		1564	0.360
		1565	0.352
		1566	0.345
		1567	0.337
		1568	0.330
		1569	0.322
		1570	0.315
		1571	0.308
		1572	0.301
		1573	0.294
		1574	0.287
		1575	0.280
		1576	0.273
		1577	0.267
		1578	0.260
		1579	0.253
		1580	0.247
		1581	0.241
		1582	0.234
		1583	0.228
		1584	0.222
		1585	0.216
		1586	0.210
		1587	0.204
		1588	0.199
		1589	0.193
		1590	0.187
		1591	0.182
		1592	0.176
		1593	0.171
		1594	0.166
		1595	0.161
		1596	0.156
		1597	0.151
		1598	0.146
		1599	0.141
		1600	0.136
		1601	0.131
		1602	0.127
		1603	0.122
		1604	0.118
		1605	0.114
		1606	0.109
		1607	0.105
		1608	0.101
		1609	0.097
		1610	0.093
		1611	0.089
		1612	0.086
		1613	0.082
		1614	0.078
		1615	0.075
		1616	0.071
		1617	0.068
		1618	0.065
		1619	0.062
		1620	0.058
		1621	0.055
		1622	0.053
		1623	0.050
		1624	0.047
		1625	0.044
		1626	0.042
		1627	0.039
		1628	0.037
		...End	

Hydrograph Report

Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2009 by Autodesk, Inc. v6.066

Thursday, Jul 2, 2009

Hyd. No. 1

SCS Storm on existing site

Hydrograph type	= SCS Runoff	Peak discharge	= 7.444 cfs
Storm frequency	= 100 yrs	Time to peak	= 569 min
Time interval	= 1 min	Hyd. volume	= 240,751 cuft
Drainage area	= 25.500 ac	Curve number	= 74
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= TR55	Time of conc. (Tc)	= 114.1 min
Total precip.	= 5.30 in	Distribution	= Type IA
Storm duration	= 24 hrs	Shape factor	= 400

Hydrograph Discharge Table

(Printed values >= 1.00% of Qp.)

Time -- Outflow (min cfs)	Time -- Outflow (min cfs)	Time -- Outflow (min cfs)	Time -- Outflow (min cfs)
331 0.075	370 0.315	409 0.770	448 1.444
332 0.079	371 0.324	410 0.784	449 1.466
333 0.083	372 0.333	411 0.799	450 1.488
334 0.087	373 0.342	412 0.813	451 1.510
335 0.091	374 0.352	413 0.828	452 1.534
336 0.095	375 0.361	414 0.843	453 1.559
337 0.099	376 0.371	415 0.858	454 1.585
338 0.104	377 0.381	416 0.873	455 1.613
339 0.108	378 0.391	417 0.888	456 1.641
340 0.113	379 0.401	418 0.903	457 1.671
341 0.118	380 0.411	419 0.919	458 1.702
342 0.123	381 0.422	420 0.935	459 1.735
343 0.128	382 0.432	421 0.950	460 1.769
344 0.133	383 0.443	422 0.966	461 1.804
345 0.139	384 0.454	423 0.982	462 1.841
346 0.144	385 0.465	424 0.999	463 1.879
347 0.150	386 0.476	425 1.015	464 1.919
348 0.155	387 0.488	426 1.032	465 1.961
349 0.161	388 0.499	427 1.048	466 2.004
350 0.167	389 0.511	428 1.065	467 2.049
351 0.173	390 0.523	429 1.082	468 2.095
352 0.179	391 0.535	430 1.100	469 2.143
353 0.186	392 0.547	431 1.117	470 2.193
354 0.192	393 0.559	432 1.135	471 2.244
355 0.199	394 0.571	433 1.152	472 2.297
356 0.206	395 0.583	434 1.170	473 2.352
357 0.213	396 0.596	435 1.189	474 2.408
358 0.220	397 0.609	436 1.207	475 2.466
359 0.227	398 0.621	437 1.225	476 2.525
360 0.234	399 0.634	438 1.244	477 2.586
361 0.242	400 0.647	439 1.263	478 2.649
362 0.249	401 0.661	440 1.282	479 2.713
363 0.257	402 0.674	441 1.302	480 2.779
364 0.265	403 0.687	442 1.321	481 2.846
365 0.273	404 0.701	443 1.341	482 2.914
366 0.281	405 0.714	444 1.361	483 2.982
367 0.289	406 0.728	445 1.382	484 3.052
368 0.298	407 0.742	446 1.402	485 3.122
369 0.306	408 0.756	447 1.423	486 3.193

Continues on next page...

Hydrograph Discharge Table

Time -- Outflow (min cfs)	Time -- Outflow (min cfs)	Time -- Outflow (min cfs)	Time -- Outflow (min cfs)
487	3.265	543	7.116
488	3.337	544	7.147
489	3.410	545	7.175
490	3.484	546	7.202
491	3.558	547	7.225
492	3.633	548	7.247
493	3.708	549	7.267
494	3.784	550	7.286
495	3.860	551	7.304
496	3.936	552	7.320
497	4.013	553	7.336
498	4.091	554	7.350
499	4.168	555	7.363
500	4.246	556	7.374
501	4.325	557	7.385
502	4.403	558	7.395
503	4.482	559	7.404
504	4.560	560	7.411
505	4.639	561	7.418
506	4.718	562	7.424
507	4.797	563	7.430
508	4.876	564	7.434
509	4.955	565	7.437
510	5.035	566	7.440
511	5.114	567	7.442
512	5.193	568	7.444
513	5.273	569	7.444 <<
514	5.352	570	7.444
515	5.432	571	7.443
516	5.512	572	7.442
517	5.591	573	7.440
518	5.670	574	7.437
519	5.749	575	7.434
520	5.826	576	7.430
521	5.902	577	7.426
522	5.976	578	7.422
523	6.049	579	7.416
524	6.121	580	7.410
525	6.191	581	7.403
526	6.259	582	7.395
527	6.325	583	7.387
528	6.390	584	7.379
529	6.453	585	7.369
530	6.514	586	7.359
531	6.573	587	7.349
532	6.631	588	7.338
533	6.686	589	7.326
534	6.739	590	7.314
535	6.789	591	7.301
536	6.838	592	7.288
537	6.885	593	7.274
538	6.929	594	7.259
539	6.971	595	7.245
540	7.011	596	7.229
541	7.048	597	7.213
542	7.084	598	7.197
		599	7.180
		600	7.163
		601	7.146
		602	7.128
		603	7.110
		604	7.091
		605	7.072
		606	7.052
		607	7.032
		608	7.012
		609	6.992
		610	6.971
		611	6.950
		612	6.928
		613	6.906
		614	6.884
		615	6.861
		616	6.838
		617	6.815
		618	6.792
		619	6.768
		620	6.744
		621	6.719
		622	6.695
		623	6.670
		624	6.645
		625	6.619
		626	6.593
		627	6.568
		628	6.541
		629	6.515
		630	6.488
		631	6.462
		632	6.435
		633	6.407
		634	6.380
		635	6.352
		636	6.325
		637	6.297
		638	6.269
		639	6.241
		640	6.212
		641	6.184
		642	6.156
		643	6.127
		644	6.098
		645	6.069
		646	6.040
		647	6.010
		648	5.981
		649	5.951
		650	5.921
		651	5.891
		652	5.861
		653	5.831
		654	5.800
		655	5.770
		656	5.739
		657	5.708
		658	5.677
		659	5.647
		660	5.615
		661	5.584
		662	5.553
		663	5.522
		664	5.491
		665	5.459
		666	5.428
		667	5.396
		668	5.365
		669	5.333
		670	5.302
		671	5.270
		672	5.240
		673	5.209
		674	5.179
		675	5.150
		676	5.120
		677	5.092
		678	5.064
		679	5.036
		680	5.009
		681	4.982
		682	4.956
		683	4.931
		684	4.906
		685	4.881
		686	4.857
		687	4.834
		688	4.812
		689	4.790
		690	4.769
		691	4.748
		692	4.728
		693	4.709
		694	4.690
		695	4.672
		696	4.654
		697	4.637
		698	4.621
		699	4.605
		700	4.590
		701	4.575
		702	4.560
		703	4.545
		704	4.531
		705	4.517
		706	4.503
		707	4.489
		708	4.476
		709	4.462
		710	4.449

Continues on next page...

Hydrograph Discharge Table

Time -- Outflow (min cfs)	Time -- Outflow (min cfs)	Time -- Outflow (min cfs)	Time -- Outflow (min cfs)
711	4.436	767	3.901
712	4.424	768	3.894
713	4.411	769	3.887
714	4.398	770	3.881
715	4.386	771	3.875
716	4.374	772	3.868
717	4.362	773	3.862
718	4.350	774	3.856
719	4.338	775	3.850
720	4.327	776	3.844
721	4.315	777	3.838
722	4.303	778	3.832
723	4.292	779	3.826
724	4.281	780	3.820
725	4.269	781	3.815
726	4.258	782	3.809
727	4.247	783	3.804
728	4.236	784	3.798
729	4.225	785	3.793
730	4.214	786	3.788
731	4.204	787	3.782
732	4.193	788	3.777
733	4.183	789	3.772
734	4.173	790	3.767
735	4.163	791	3.762
736	4.153	792	3.757
737	4.143	793	3.753
738	4.133	794	3.748
739	4.123	795	3.743
740	4.114	796	3.739
741	4.105	797	3.734
742	4.095	798	3.730
743	4.086	799	3.725
744	4.077	800	3.721
745	4.069	801	3.717
746	4.060	802	3.713
747	4.051	803	3.708
748	4.043	804	3.704
749	4.035	805	3.700
750	4.026	806	3.696
751	4.018	807	3.692
752	4.010	808	3.688
753	4.002	809	3.684
754	3.995	810	3.680
755	3.987	811	3.676
756	3.979	812	3.672
757	3.972	813	3.668
758	3.964	814	3.664
759	3.957	815	3.660
760	3.950	816	3.656
761	3.942	817	3.652
762	3.935	818	3.649
763	3.928	819	3.645
764	3.921	820	3.641
765	3.914	821	3.637
766	3.907	822	3.633
		823	3.630
		824	3.626
		825	3.623
		826	3.619
		827	3.615
		828	3.612
		829	3.608
		830	3.605
		831	3.602
		832	3.598
		833	3.595
		834	3.592
		835	3.588
		836	3.585
		837	3.582
		838	3.579
		839	3.575
		840	3.572
		841	3.569
		842	3.566
		843	3.563
		844	3.560
		845	3.557
		846	3.554
		847	3.551
		848	3.548
		849	3.545
		850	3.542
		851	3.540
		852	3.537
		853	3.534
		854	3.531
		855	3.528
		856	3.525
		857	3.522
		858	3.520
		859	3.517
		860	3.514
		861	3.511
		862	3.508
		863	3.506
		864	3.503
		865	3.500
		866	3.498
		867	3.495
		868	3.492
		869	3.490
		870	3.487
		871	3.485
		872	3.482
		873	3.479
		874	3.477
		875	3.475
		876	3.472
		877	3.470
		878	3.467
		879	3.465
		880	3.463
		881	3.460
		882	3.458
		883	3.456
		884	3.453
		885	3.451
		886	3.449
		887	3.447
		888	3.445
		889	3.443
		890	3.441
		891	3.439
		892	3.437
		893	3.435
		894	3.433
		895	3.431
		896	3.429
		897	3.427
		898	3.425
		899	3.423
		900	3.421
		901	3.420
		902	3.418
		903	3.416
		904	3.414
		905	3.413
		906	3.411
		907	3.409
		908	3.408
		909	3.406
		910	3.404
		911	3.403
		912	3.401
		913	3.399
		914	3.398
		915	3.396
		916	3.394
		917	3.393
		918	3.391
		919	3.389
		920	3.388
		921	3.386
		922	3.384
		923	3.383
		924	3.381
		925	3.380
		926	3.378
		927	3.376
		928	3.375
		929	3.373
		930	3.371
		931	3.370
		932	3.368
		933	3.366
		934	3.364

Continues on next page...

Hydrograph Discharge Table

Time -- Outflow (min cfs)	Time -- Outflow (min cfs)	Time -- Outflow (min cfs)	Time -- Outflow (min cfs)
935	3.363	991	3.270
936	3.361	992	3.268
937	3.359	993	3.267
938	3.358	994	3.265
939	3.356	995	3.263
940	3.354	996	3.262
941	3.353	997	3.260
942	3.351	998	3.258
943	3.349	999	3.257
944	3.347	1000	3.255
945	3.346	1001	3.253
946	3.344	1002	3.252
947	3.342	1003	3.250
948	3.341	1004	3.248
949	3.339	1005	3.247
950	3.337	1006	3.245
951	3.336	1007	3.244
952	3.334	1008	3.242
953	3.332	1009	3.240
954	3.330	1010	3.239
955	3.329	1011	3.237
956	3.327	1012	3.235
957	3.325	1013	3.234
958	3.324	1014	3.232
959	3.322	1015	3.231
960	3.320	1016	3.229
961	3.319	1017	3.227
962	3.317	1018	3.226
963	3.315	1019	3.224
964	3.314	1020	3.223
965	3.312	1021	3.221
966	3.310	1022	3.219
967	3.309	1023	3.218
968	3.307	1024	3.216
969	3.306	1025	3.215
970	3.304	1026	3.213
971	3.302	1027	3.211
972	3.301	1028	3.210
973	3.299	1029	3.208
974	3.298	1030	3.207
975	3.296	1031	3.205
976	3.294	1032	3.203
977	3.293	1033	3.202
978	3.291	1034	3.200
979	3.290	1035	3.198
980	3.288	1036	3.197
981	3.286	1037	3.195
982	3.285	1038	3.193
983	3.283	1039	3.192
984	3.282	1040	3.190
985	3.280	1041	3.188
986	3.278	1042	3.187
987	3.277	1043	3.185
988	3.275	1044	3.183
989	3.273	1045	3.182
990	3.272	1046	3.180
		1047	3.178
		1048	3.176
		1049	3.175
		1050	3.173
		1051	3.171
		1052	3.169
		1053	3.168
		1054	3.166
		1055	3.164
		1056	3.162
		1057	3.161
		1058	3.159
		1059	3.157
		1060	3.155
		1061	3.153
		1062	3.152
		1063	3.150
		1064	3.148
		1065	3.146
		1066	3.144
		1067	3.143
		1068	3.141
		1069	3.139
		1070	3.137
		1071	3.135
		1072	3.134
		1073	3.132
		1074	3.130
		1075	3.128
		1076	3.126
		1077	3.124
		1078	3.123
		1079	3.121
		1080	3.119
		1081	3.117
		1082	3.115
		1083	3.113
		1084	3.112
		1085	3.110
		1086	3.108
		1087	3.106
		1088	3.104
		1089	3.102
		1090	3.100
		1091	3.098
		1092	3.097
		1093	3.095
		1094	3.093
		1095	3.091
		1096	3.089
		1097	3.087
		1098	3.085
		1099	3.083
		1100	3.081
		1101	3.080
		1102	3.078
		1103	3.076
		1104	3.074
		1105	3.072
		1106	3.070
		1107	3.068
		1108	3.066
		1109	3.064
		1110	3.062
		1111	3.060
		1112	3.059
		1113	3.057
		1114	3.055
		1115	3.053
		1116	3.051
		1117	3.049
		1118	3.047
		1119	3.045
		1120	3.043
		1121	3.041
		1122	3.039
		1123	3.037
		1124	3.035
		1125	3.033
		1126	3.031
		1127	3.029
		1128	3.027
		1129	3.025
		1130	3.023
		1131	3.021
		1132	3.019
		1133	3.017
		1134	3.015
		1135	3.013
		1136	3.011
		1137	3.009
		1138	3.007
		1139	3.005
		1140	3.003
		1141	3.001
		1142	2.999
		1143	2.997
		1144	2.995
		1145	2.993
		1146	2.991
		1147	2.989
		1148	2.987
		1149	2.985
		1150	2.983
		1151	2.981
		1152	2.979
		1153	2.977
		1154	2.975
		1155	2.973
		1156	2.971
		1157	2.969
		1158	2.967

Continues on next page...

Hydrograph Discharge Table

Time -- Outflow (min cfs)	Time -- Outflow (min cfs)	Time -- Outflow (min cfs)	Time -- Outflow (min cfs)
1159	2.965	1215	2.847
1160	2.963	1216	2.845
1161	2.961	1217	2.843
1162	2.959	1218	2.841
1163	2.957	1219	2.839
1164	2.955	1220	2.837
1165	2.953	1221	2.834
1166	2.951	1222	2.832
1167	2.949	1223	2.830
1168	2.947	1224	2.828
1169	2.945	1225	2.826
1170	2.942	1226	2.823
1171	2.940	1227	2.821
1172	2.938	1228	2.819
1173	2.936	1229	2.817
1174	2.934	1230	2.815
1175	2.932	1231	2.813
1176	2.930	1232	2.810
1177	2.928	1233	2.808
1178	2.926	1234	2.806
1179	2.924	1235	2.804
1180	2.922	1236	2.802
1181	2.920	1237	2.799
1182	2.918	1238	2.797
1183	2.915	1239	2.795
1184	2.913	1240	2.793
1185	2.911	1241	2.791
1186	2.909	1242	2.788
1187	2.907	1243	2.786
1188	2.905	1244	2.784
1189	2.903	1245	2.782
1190	2.901	1246	2.779
1191	2.899	1247	2.777
1192	2.896	1248	2.775
1193	2.894	1249	2.773
1194	2.892	1250	2.771
1195	2.890	1251	2.768
1196	2.888	1252	2.766
1197	2.886	1253	2.764
1198	2.884	1254	2.762
1199	2.882	1255	2.759
1200	2.880	1256	2.757
1201	2.877	1257	2.755
1202	2.875	1258	2.753
1203	2.873	1259	2.750
1204	2.871	1260	2.748
1205	2.869	1261	2.746
1206	2.867	1262	2.744
1207	2.865	1263	2.741
1208	2.862	1264	2.739
1209	2.860	1265	2.737
1210	2.858	1266	2.735
1211	2.856	1267	2.732
1212	2.854	1268	2.730
1213	2.852	1269	2.728
1214	2.849	1270	2.726
		1271	2.723
		1272	2.721
		1273	2.719
		1274	2.717
		1275	2.714
		1276	2.712
		1277	2.710
		1278	2.707
		1279	2.705
		1280	2.703
		1281	2.701
		1282	2.698
		1283	2.696
		1284	2.694
		1285	2.692
		1286	2.689
		1287	2.687
		1288	2.685
		1289	2.682
		1290	2.680
		1291	2.678
		1292	2.675
		1293	2.673
		1294	2.671
		1295	2.669
		1296	2.666
		1297	2.664
		1298	2.662
		1299	2.659
		1300	2.657
		1301	2.655
		1302	2.652
		1303	2.650
		1304	2.648
		1305	2.645
		1306	2.643
		1307	2.641
		1308	2.638
		1309	2.636
		1310	2.634
		1311	2.632
		1312	2.629
		1313	2.627
		1314	2.625
		1315	2.622
		1316	2.620
		1317	2.618
		1318	2.615
		1319	2.613
		1320	2.610
		1321	2.608
		1322	2.606
		1323	2.603
		1324	2.601
		1325	2.599
		1326	2.596
		1327	2.594
		1328	2.592
		1329	2.589
		1330	2.587
		1331	2.585
		1332	2.582
		1333	2.580
		1334	2.578
		1335	2.575
		1336	2.573
		1337	2.570
		1338	2.568
		1339	2.566
		1340	2.563
		1341	2.561
		1342	2.559
		1343	2.556
		1344	2.554
		1345	2.551
		1346	2.549
		1347	2.547
		1348	2.544
		1349	2.542
		1350	2.540
		1351	2.537
		1352	2.535
		1353	2.532
		1354	2.530
		1355	2.528
		1356	2.525
		1357	2.523
		1358	2.520
		1359	2.518
		1360	2.516
		1361	2.513
		1362	2.511
		1363	2.508
		1364	2.506
		1365	2.504
		1366	2.501
		1367	2.499
		1368	2.496
		1369	2.494
		1370	2.492
		1371	2.489
		1372	2.487
		1373	2.484
		1374	2.482
		1375	2.479
		1376	2.477
		1377	2.475
		1378	2.472
		1379	2.470
		1380	2.467
		1381	2.465
		1382	2.462

Continues on next page...

Hydrograph Discharge Table

Time -- Outflow (min cfs)	Time -- Outflow (min cfs)	Time -- Outflow (min cfs)	Time -- Outflow (min cfs)
1383	2.460	1439	2.322
1384	2.458	1440	2.319
1385	2.455	1441	2.317
1386	2.453	1442	2.313
1387	2.450	1443	2.310
1388	2.448	1444	2.307
1389	2.445	1445	2.303
1390	2.443	1446	2.298
1391	2.440	1447	2.294
1392	2.438	1448	2.289
1393	2.436	1449	2.284
1394	2.433	1450	2.279
1395	2.431	1451	2.273
1396	2.428	1452	2.268
1397	2.426	1453	2.261
1398	2.423	1454	2.255
1399	2.421	1455	2.248
1400	2.418	1456	2.241
1401	2.416	1457	2.234
1402	2.414	1458	2.227
1403	2.411	1459	2.219
1404	2.409	1460	2.211
1405	2.406	1461	2.203
1406	2.404	1462	2.194
1407	2.401	1463	2.185
1408	2.399	1464	2.176
1409	2.396	1465	2.167
1410	2.394	1466	2.157
1411	2.391	1467	2.147
1412	2.389	1468	2.137
1413	2.386	1469	2.126
1414	2.384	1470	2.116
1415	2.382	1471	2.105
1416	2.379	1472	2.093
1417	2.377	1473	2.082
1418	2.374	1474	2.070
1419	2.372	1475	2.058
1420	2.369	1476	2.046
1421	2.367	1477	2.033
1422	2.364	1478	2.020
1423	2.362	1479	2.007
1424	2.359	1480	1.993
1425	2.357	1481	1.980
1426	2.354	1482	1.966
1427	2.352	1483	1.952
1428	2.349	1484	1.937
1429	2.347	1485	1.922
1430	2.344	1486	1.907
1431	2.342	1487	1.892
1432	2.339	1488	1.877
1433	2.337	1489	1.861
1434	2.334	1490	1.845
1435	2.332	1491	1.828
1436	2.329	1492	1.812
1437	2.327	1493	1.795
1438	2.324	1494	1.778
		1495	1.760
		1496	1.743
		1497	1.725
		1498	1.707
		1499	1.688
		1500	1.670
		1501	1.651
		1502	1.632
		1503	1.612
		1504	1.592
		1505	1.572
		1506	1.552
		1507	1.532
		1508	1.511
		1509	1.490
		1510	1.470
		1511	1.450
		1512	1.430
		1513	1.410
		1514	1.390
		1515	1.370
		1516	1.350
		1517	1.331
		1518	1.312
		1519	1.293
		1520	1.274
		1521	1.255
		1522	1.236
		1523	1.218
		1524	1.199
		1525	1.181
		1526	1.163
		1527	1.145
		1528	1.127
		1529	1.110
		1530	1.092
		1531	1.075
		1532	1.058
		1533	1.041
		1534	1.024
		1535	1.007
		1536	0.990
		1537	0.974
		1538	0.957
		1539	0.941
		1540	0.925
		1541	0.909
		1542	0.894
		1543	0.878
		1544	0.862
		1545	0.847
		1546	0.832
		1547	0.817
		1548	0.802
		1549	0.787
		1550	0.773
		1551	0.758
		1552	0.744
		1553	0.730
		1554	0.716
		1555	0.702
		1556	0.688
		1557	0.674
		1558	0.661
		1559	0.647
		1560	0.634
		1561	0.621
		1562	0.608
		1563	0.596
		1564	0.583
		1565	0.570
		1566	0.558
		1567	0.546
		1568	0.534
		1569	0.522
		1570	0.510
		1571	0.498
		1572	0.487
		1573	0.475
		1574	0.464
		1575	0.453
		1576	0.442
		1577	0.431
		1578	0.421
		1579	0.410
		1580	0.400
		1581	0.389
		1582	0.379
		1583	0.369
		1584	0.359
		1585	0.350
		1586	0.340
		1587	0.331
		1588	0.321
		1589	0.312
		1590	0.303
		1591	0.294
		1592	0.285
		1593	0.277
		1594	0.268
		1595	0.260
		1596	0.252
		1597	0.244
		1598	0.236
		1599	0.228
		1600	0.220
		1601	0.213
		1602	0.205
		1603	0.198
		1604	0.191
		1605	0.184
		1606	0.177

Continues on next page...

Hydrograph Discharge Table

Time -- Outflow
(min cfs)

1607	0.170
1608	0.164
1609	0.157
1610	0.151
1611	0.145
1612	0.138
1613	0.132
1614	0.127
1615	0.121
1616	0.115
1617	0.110
1618	0.105
1619	0.100
1620	0.095
1621	0.090
1622	0.085
1623	0.080
1624	0.076

...End

POST-DEVELOPMENT CALCULATIONS

Watershed Model Schematic

Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2009 by Autodesk, Inc. v6.066



Legend

<u>Hyd.</u>	<u>Origin</u>	<u>Description</u>
1	SCS Runoff	Developed site storm event
2	Reservoir	Detention pond outflow

Hydrograph Return Period Recap

Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2009 by Autodesk, Inc. v6.066

Hyd. No.	Hydrograph type (origin)	Inflow Hyd(s)	Peak Outflow (cfs)								Hydrograph description
			1-Yr	2-Yr	3-Yr	5-Yr	10-Yr	25-Yr	50-Yr	100-Yr	
1	SCS Runoff	-----	-----	7.792	-----	11.97	14.81	18.23	20.66	23.03	Developed site storm event
2	Reservoir	1	-----	1.879	-----	3.315	4.403	5.594	6.306	6.938	Detention pond outflow
</											

Hydrograph Summary Report

Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2009 by Autodesk, Inc. v6.066

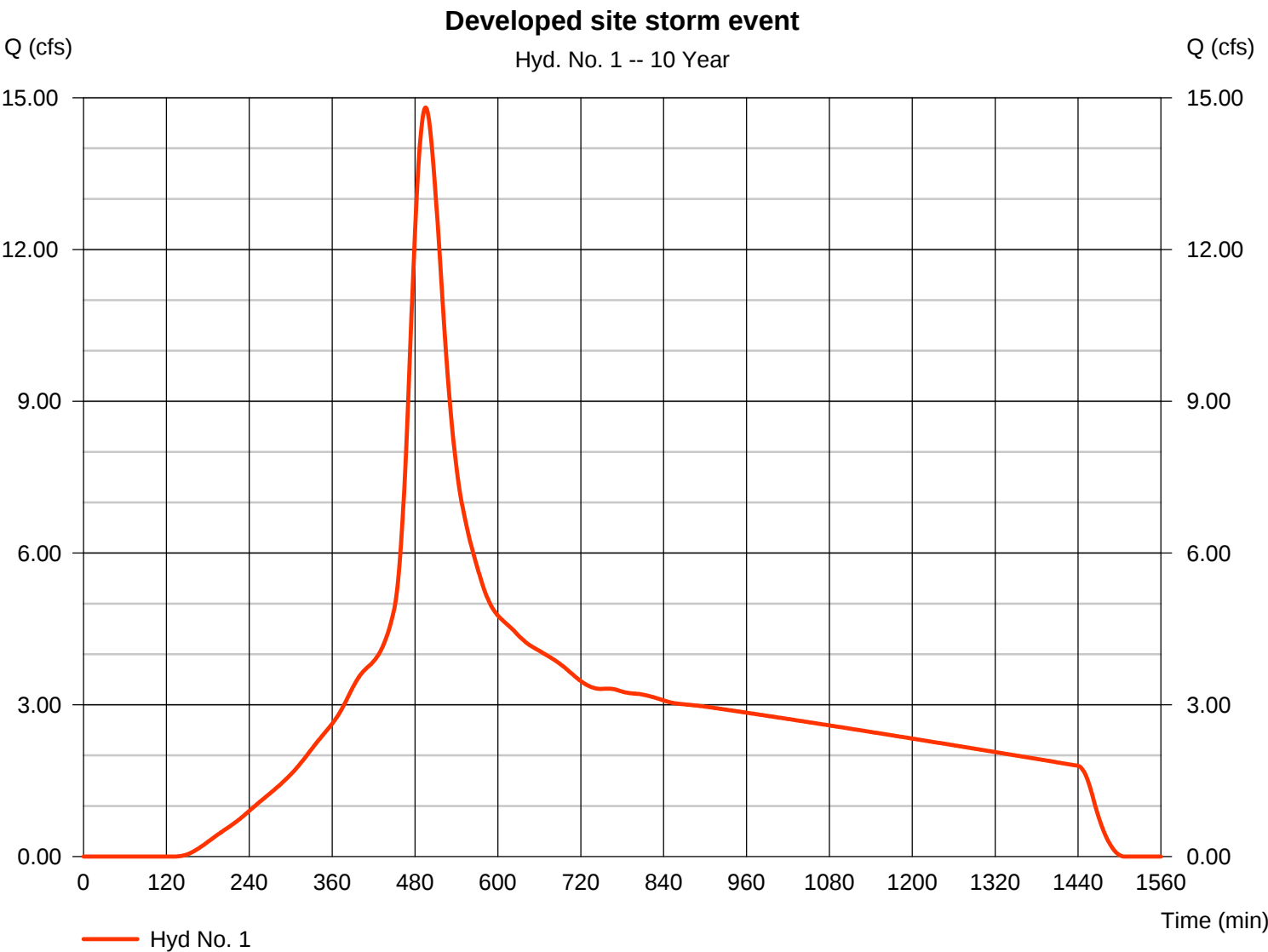
Hyd. No.	Hydrograph type (origin)	Peak flow (cfs)	Time interval (min)	Time to peak (min)	Hyd. volume (cuft)	Inflow hyd(s)	Maximum elevation (ft)	Total strge used (cuft)	Hydrograph description
1	SCS Runoff	14.81	1	495	257,225	-----	-----	-----	Developed site storm event
2	Reservoir	4.403	1	627	195,513	1	61.76	90,408	Detention pond outflow
Proposed site SCS 06-25-09.gpw					Return Period: 10 Year			Thursday, Jul 2, 2009	

Hydrograph Report

Hyd. No. 1

Developed site storm event

Hydrograph type	=	SCS Runoff	Peak discharge	=	14.81 cfs
Storm frequency	=	10 yrs	Time to peak	=	495 min
Time interval	=	1 min	Hyd. volume	=	257,225 cuft
Drainage area	=	25.500 ac	Curve number	=	91
Basin Slope	=	0.0 %	Hydraulic length	=	0 ft
Tc method	=	TR55	Time of conc. (Tc)	=	34.00 min
Total precip.	=	3.74 in	Distribution	=	Type IA
Storm duration	=	24 hrs	Shape factor	=	400



TR55 Tc Worksheet

Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2009 by Autodesk, Inc. v6.066

Hyd. No. 1

Developed site storm event

<u>Description</u>	<u>A</u>	<u>B</u>	<u>C</u>	<u>Totals</u>
Sheet Flow				
Manning's n-value	= 0.240	0.011	0.011	
Flow length (ft)	= 180.0	0.0	0.0	
Two-year 24-hr precip. (in)	= 2.39	0.00	0.00	
Land slope (%)	= 1.50	0.00	0.00	
Travel Time (min)	= 29.65	+ 0.00	+ 0.00	= 29.65
Shallow Concentrated Flow				
Flow length (ft)	= 0.00	0.00	0.00	
Watercourse slope (%)	= 0.00	0.00	0.00	
Surface description	= Paved	Paved	Paved	
Average velocity (ft/s)	= 0.00	0.00	0.00	
Travel Time (min)	= 0.00	+ 0.00	+ 0.00	= 0.00
Channel Flow				
X sectional flow area (sqft)	= 18.00	0.00	0.00	
Wetted perimeter (ft)	= 13.40	0.00	0.00	
Channel slope (%)	= 0.25	0.00	0.00	
Manning's n-value	= 0.025	0.015	0.015	
Velocity (ft/s)	= 3.63	0.00	0.00	
Flow length (ft)	= 950.0	0.0	0.0	
Travel Time (min)	= 4.36	+ 0.00	+ 0.00	= 4.36
Total Travel Time, Tc				34.00 min

Hydrograph Report

Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2009 by Autodesk, Inc. v6.066

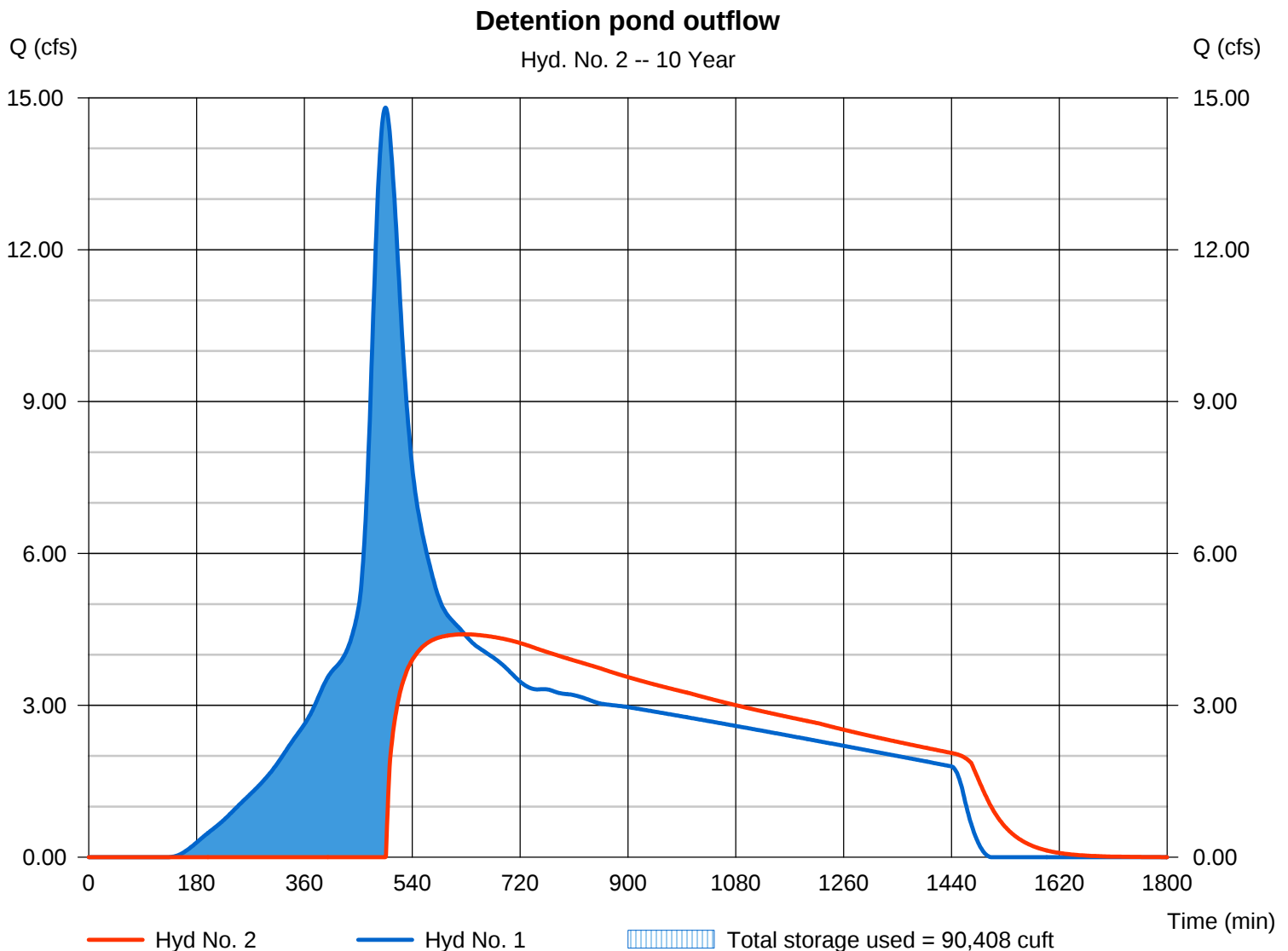
Thursday, Jul 2, 2009

Hyd. No. 2

Detention pond outflow

Hydrograph type	= Reservoir	Peak discharge	= 4.403 cfs
Storm frequency	= 10 yrs	Time to peak	= 627 min
Time interval	= 1 min	Hyd. volume	= 195,513 cuft
Inflow hyd. No.	= 1 - Developed site storm event	Max. Elevation	= 61.76 ft
Reservoir name	= Detention Pond	Max. Storage	= 90,408 cuft

Storage Indication method used.



Pond Report

Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2009 by Autodesk, Inc. v6.066

Thursday, Jul 2, 2009

Pond No. 1 - Detention Pond

Pond Data

Contours - User-defined contour areas. Average end area method used for volume calculation. Beginning Elevation = 59.00 ft

Stage / Storage Table

Stage (ft)	Elevation (ft)	Contour area (sqft)	Incr. Storage (cuft)	Total storage (cuft)
0.00	59.00	10	0	0
1.00	60.00	24,253	12,132	12,132
1.70	60.70	46,955	24,923	37,054
2.00	61.00	48,669	14,344	51,398
3.00	62.00	54,448	51,559	102,956
4.00	63.00	60,328	57,388	160,344
5.00	64.00	66,309	63,319	223,663

Culvert / Orifice Structures

	[A]	[B]	[C]	[PrfRsr]
Rise (in)	= 24.00	15.00	0.00	0.00
Span (in)	= 24.00	15.00	0.00	0.00
No. Barrels	= 1	1	0	0
Invert El. (ft)	= 59.10	59.20	0.00	0.00
Length (ft)	= 170.00	5.00	0.00	0.00
Slope (%)	= 0.23	1.00	0.00	n/a
N-Value	= .013	.013	.013	n/a
Orifice Coeff.	= 0.60	0.60	0.60	0.60
Multi-Stage	= n/a	No	No	No

Weir Structures

	[A]	[B]	[C]	[D]
Crest Len (ft)	= 12.56	30.00	0.00	0.00
Crest El. (ft)	= 62.70	63.20	0.00	0.00
Weir Coeff.	= 3.33	2.60	3.33	3.33
Weir Type	= Riser	Broad	---	---
Multi-Stage	= Yes	No	No	No
Exfil.(in/hr)	= 0.000 (by Wet area)			
TW Elev. (ft)	= 61.20			

Note: Culvert/Orifice outflows are analyzed under inlet (ic) and outlet (oc) control. Weir risers checked for orifice conditions (ic) and submergence (s).

Stage / Storage / Discharge Table

Stage ft	Storage cuft	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PrfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	User cfs	Total cfs
0.00	0	59.00	0.00	0.00	---	---	0.00	0.00	---	---	---	---	0.000
0.10	1,213	59.10	0.00	0.00	---	---	0.00	0.00	---	---	---	---	0.000
0.20	2,426	59.20	0.00	0.00	---	---	0.00	0.00	---	---	---	---	0.000
0.30	3,639	59.30	0.00	0.00	---	---	0.00	0.00	---	---	---	---	0.000
0.40	4,853	59.40	0.00	0.00	---	---	0.00	0.00	---	---	---	---	0.000
0.50	6,066	59.50	0.00	0.00	---	---	0.00	0.00	---	---	---	---	0.000
0.60	7,279	59.60	0.00	0.00	---	---	0.00	0.00	---	---	---	---	0.000
0.70	8,492	59.70	0.00	0.00	---	---	0.00	0.00	---	---	---	---	0.000
0.80	9,705	59.80	0.00	0.00	---	---	0.00	0.00	---	---	---	---	0.000
0.90	10,918	59.90	0.00	0.00	---	---	0.00	0.00	---	---	---	---	0.000
1.00	12,132	60.00	0.00	0.00	---	---	0.00	0.00	---	---	---	---	0.000
1.07	14,624	60.07	0.00	0.00	---	---	0.00	0.00	---	---	---	---	0.000
1.14	17,116	60.14	0.00	0.00	---	---	0.00	0.00	---	---	---	---	0.000
1.21	19,608	60.21	0.00	0.00	---	---	0.00	0.00	---	---	---	---	0.000
1.28	22,101	60.28	0.00	0.00	---	---	0.00	0.00	---	---	---	---	0.000
1.35	24,593	60.35	0.00	0.00	---	---	0.00	0.00	---	---	---	---	0.000
1.42	27,085	60.42	0.00	0.00	---	---	0.00	0.00	---	---	---	---	0.000
1.49	29,577	60.49	0.00	0.00	---	---	0.00	0.00	---	---	---	---	0.000
1.56	32,070	60.56	0.00	0.00	---	---	0.00	0.00	---	---	---	---	0.000
1.63	34,562	60.63	0.00	0.00	---	---	0.00	0.00	---	---	---	---	0.000
1.70	37,054	60.70	0.00	0.00	---	---	0.00	0.00	---	---	---	---	0.000
1.73	38,489	60.73	0.00	0.00	---	---	0.00	0.00	---	---	---	---	0.000
1.76	39,923	60.76	0.00	0.00	---	---	0.00	0.00	---	---	---	---	0.000
1.79	41,357	60.79	0.00	0.00	---	---	0.00	0.00	---	---	---	---	0.000
1.82	42,792	60.82	0.00	0.00	---	---	0.00	0.00	---	---	---	---	0.000
1.85	44,226	60.85	0.00	0.00	---	---	0.00	0.00	---	---	---	---	0.000
1.88	45,660	60.88	0.00	0.00	---	---	0.00	0.00	---	---	---	---	0.000
1.91	47,095	60.91	0.00	0.00	---	---	0.00	0.00	---	---	---	---	0.000
1.94	48,529	60.94	0.00	0.00	---	---	0.00	0.00	---	---	---	---	0.000
1.97	49,964	60.97	0.00	0.00	---	---	0.00	0.00	---	---	---	---	0.000
2.00	51,398	61.00	0.00	0.00	---	---	0.00	0.00	---	---	---	---	0.000
2.10	56,554	61.10	0.00	0.00	---	---	0.00	0.00	---	---	---	---	0.000
2.20	61,710	61.20	0.00	0.00	---	---	0.00	0.00	---	---	---	---	0.000
2.30	66,865	61.30	0.00	1.87 ic	---	---	0.00	0.00	---	---	---	---	1.868
2.40	72,021	61.40	0.00	2.64 ic	---	---	0.00	0.00	---	---	---	---	2.642
2.50	77,177	61.50	0.00	3.24 ic	---	---	0.00	0.00	---	---	---	---	3.236
2.60	82,333	61.60	0.00	3.74 ic	---	---	0.00	0.00	---	---	---	---	3.737
2.70	87,489	61.70	0.00	4.18 ic	---	---	0.00	0.00	---	---	---	---	4.178

Continues on next page...

Detention Pond

Stage / Storage / Discharge Table

Stage ft	Storage cuft	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PrfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	User cfs	Total cfs
2.80	92,645	61.80	0.00	4.58 ic	---	---	0.00	0.00	---	---	---	---	4.576
2.90	97,801	61.90	0.00	4.94 ic	---	---	0.00	0.00	---	---	---	---	4.943
3.00	102,956	62.00	0.00	5.28 ic	---	---	0.00	0.00	---	---	---	---	5.284
3.10	108,695	62.10	0.00	5.60 ic	---	---	0.00	0.00	---	---	---	---	5.605
3.20	114,434	62.20	0.00	5.91 ic	---	---	0.00	0.00	---	---	---	---	5.908
3.30	120,173	62.30	0.00	6.20 ic	---	---	0.00	0.00	---	---	---	---	6.196
3.40	125,912	62.40	0.00	6.47 ic	---	---	0.00	0.00	---	---	---	---	6.472
3.50	131,650	62.50	0.00	6.74 ic	---	---	0.00	0.00	---	---	---	---	6.736
3.60	137,389	62.60	0.00	6.99 ic	---	---	0.00	0.00	---	---	---	---	6.991
3.70	143,128	62.70	0.00	7.24 ic	---	---	0.00	0.00	---	---	---	---	7.236
3.80	148,867	62.80	1.33 oc	7.47 ic	---	---	1.32	0.00	---	---	---	---	8.796
3.90	154,606	62.90	3.74 oc	7.70 ic	---	---	3.74	0.00	---	---	---	---	11.44
4.00	160,344	63.00	6.87 oc	7.93 ic	---	---	6.87	0.00	---	---	---	---	14.80
4.10	166,676	63.10	10.58 oc	8.14 ic	---	---	10.58	0.00	---	---	---	---	18.72
4.20	173,008	63.20	14.79 oc	8.36 ic	---	---	14.79	0.00	---	---	---	---	23.14
4.30	179,340	63.30	17.49 oc	8.56 ic	---	---	17.49 s	2.47	---	---	---	---	28.52
4.40	185,672	63.40	18.56 oc	8.76 ic	---	---	18.56 s	6.98	---	---	---	---	34.30
4.50	192,004	63.50	19.35 oc	8.96 ic	---	---	19.34 s	12.82	---	---	---	---	41.12
4.60	198,336	63.60	19.99 oc	9.15 ic	---	---	19.99 s	19.73	---	---	---	---	48.88
4.70	204,667	63.70	20.56 oc	9.34 ic	---	---	20.56 s	27.58	---	---	---	---	57.47
4.80	210,999	63.80	21.08 oc	9.53 ic	---	---	21.07 s	36.25	---	---	---	---	66.84
4.90	217,331	63.90	21.56 oc	9.71 ic	---	---	21.55 s	45.68	---	---	---	---	76.94
5.00	223,663	64.00	22.01 oc	9.89 ic	---	---	22.00 s	55.81	---	---	---	---	87.70

...End

Hydrograph Summary Report

Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2009 by Autodesk, Inc. v6.066

Hyd. No.	Hydrograph type (origin)	Peak flow (cfs)	Time interval (min)	Time to peak (min)	Hyd. volume (cuft)	Inflow hyd(s)	Maximum elevation (ft)	Total strge used (cuft)	Hydrograph description
1	SCS Runoff	23.03	1	495	397,003	-----	-----	-----	Developed site storm event
2	Reservoir	6.938	1	609	335,290	1	62.58	136,207	Detention pond outflow
Proposed site SCS 06-25-09.gpw					Return Period: 100 Year			Thursday, Jul 2, 2009	

Hydrograph Report

Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2009 by Autodesk, Inc. v6.066

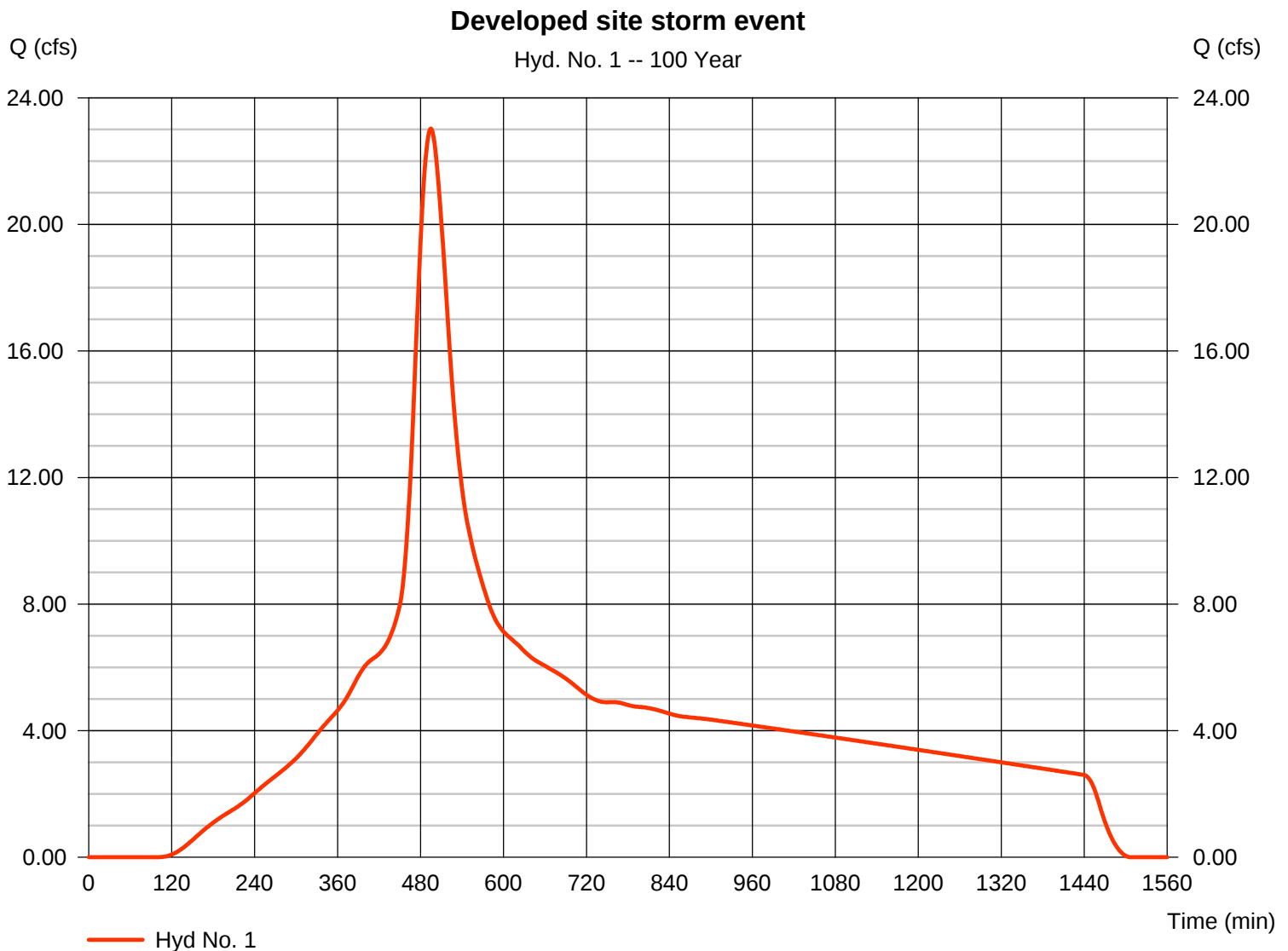
Thursday, Jul 2, 2009

Hyd. No. 1

Developed site storm event

Hydrograph type = SCS Runoff
Storm frequency = 100 yrs
Time interval = 1 min
Drainage area = 25.500 ac
Basin Slope = 0.0 %
Tc method = TR55
Total precip. = 5.30 in
Storm duration = 24 hrs

Peak discharge = 23.03 cfs
Time to peak = 495 min
Hyd. volume = 397,003 cuft
Curve number = 91
Hydraulic length = 0 ft
Time of conc. (Tc) = 34.00 min
Distribution = Type IA
Shape factor = 400



Hydrograph Report

Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2009 by Autodesk, Inc. v6.066

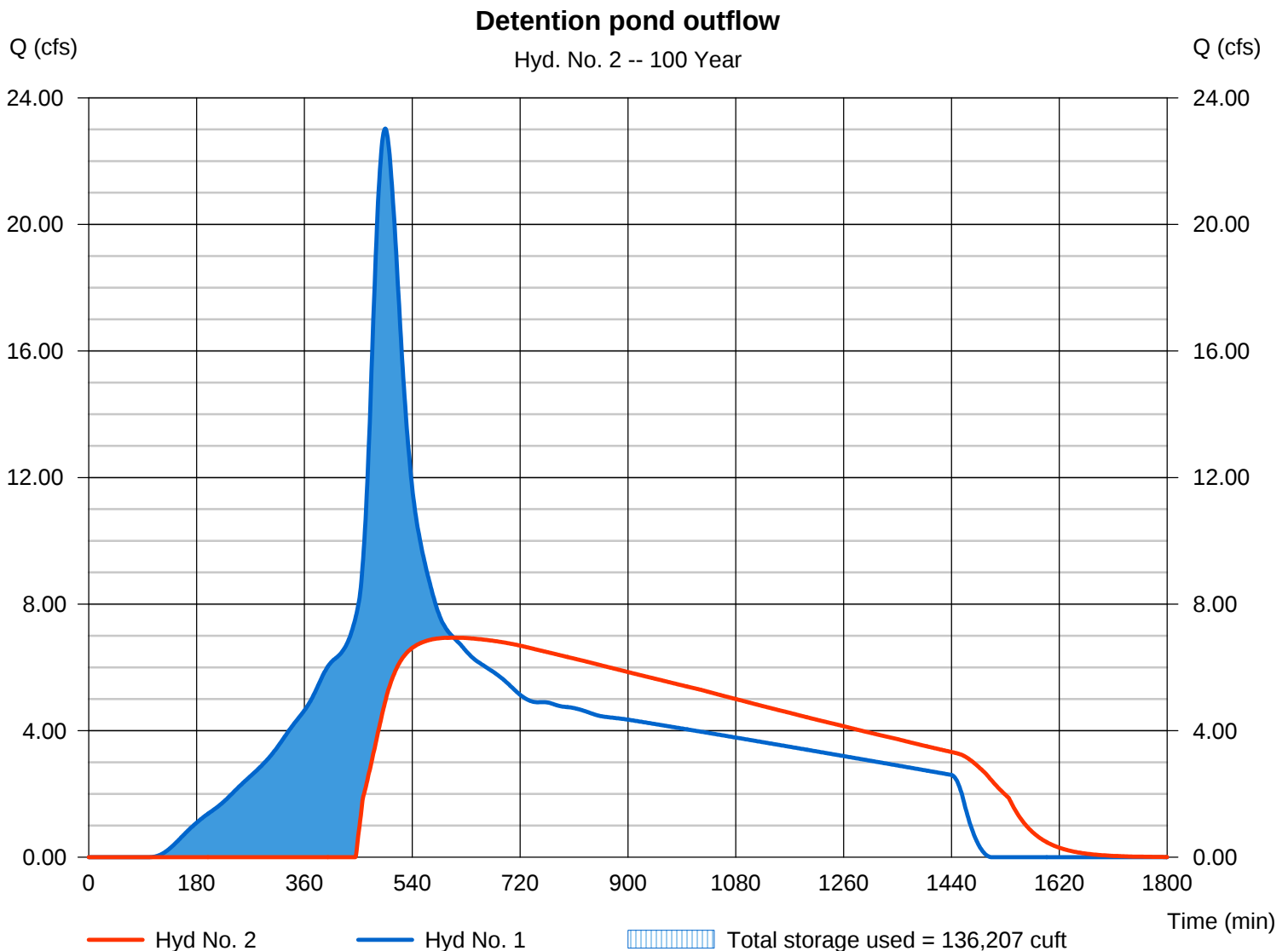
Thursday, Jul 2, 2009

Hyd. No. 2

Detention pond outflow

Hydrograph type	= Reservoir	Peak discharge	= 6.938 cfs
Storm frequency	= 100 yrs	Time to peak	= 609 min
Time interval	= 1 min	Hyd. volume	= 335,290 cuft
Inflow hyd. No.	= 1 - Developed site storm event	Max. Elevation	= 62.58 ft
Reservoir name	= Detention Pond	Max. Storage	= 136,207 cuft

Storage Indication method used.



Hydraflow Rainfall Report

Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2009 by Autodesk, Inc. v6.066

Thursday, Jul 2, 2009

Return Period (Yrs)	Intensity-Duration-Frequency Equation Coefficients (FHA)			
	B	D	E	(N/A)
1	0.0000	0.0000	0.0000	-----
2	6.1078	0.1000	0.5625	-----
3	0.0000	0.0000	0.0000	-----
5	8.7423	0.3000	0.5773	-----
10	9.7582	0.1000	0.5661	-----
25	11.5209	0.1000	0.5690	-----
50	12.8436	0.1000	0.5707	-----
100	14.8890	0.3000	0.5856	-----

File name: Vacaville_ISO_22.IDF

Intensity = B / (Tc + D)^E

Return Period (Yrs)	Intensity Values (in/hr)											
	5 min	10	15	20	25	30	35	40	45	50	55	60
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	2.44	1.66	1.33	1.13	1.00	0.90	0.83	0.77	0.72	0.68	0.64	0.61
3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5	3.34	2.27	1.81	1.54	1.35	1.22	1.12	1.03	0.97	0.91	0.86	0.82
10	3.88	2.63	2.10	1.78	1.57	1.42	1.30	1.21	1.13	1.06	1.01	0.96
25	4.56	3.09	2.46	2.09	1.84	1.66	1.52	1.41	1.32	1.24	1.18	1.12
50	5.07	3.43	2.73	2.32	2.04	1.84	1.69	1.56	1.46	1.38	1.30	1.24
100	5.61	3.80	3.01	2.55	2.24	2.02	1.85	1.71	1.60	1.50	1.42	1.35

Tc = time in minutes. Values may exceed 60.

Precip. file name: Sample.pcp

Storm Distribution	Rainfall Precipitation Table (in)							
	1-yr	2-yr	3-yr	5-yr	10-yr	25-yr	50-yr	100-yr
SCS 24-hour	0.00	2.39	0.00	3.20	3.74	4.39	4.85	5.30
SCS 6-Hr	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Huff-1st	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Huff-2nd	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Huff-3rd	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Huff-4th	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Huff-Indy	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Custom	0.00	2.39	0.00	3.20	3.74	4.39	4.85	5.30

Hydrograph Report

Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2009 by Autodesk, Inc. v6.066

Thursday, Jul 2, 2009

Hyd. No. 1

Developed site storm event

Hydrograph type	=	SCS Runoff	Peak discharge	=	14.81 cfs
Storm frequency	=	10 yrs	Time to peak	=	495 min
Time interval	=	1 min	Hyd. volume	=	257,225 cuft
Drainage area	=	25.500 ac	Curve number	=	91
Basin Slope	=	0.0 %	Hydraulic length	=	0 ft
Tc method	=	TR55	Time of conc. (Tc)	=	34.0 min
Total precip.	=	3.74 in	Distribution	=	Type IA
Storm duration	=	24 hrs	Shape factor	=	400

Hydrograph Discharge Table

(Printed values >= 1.00% of Qp.)

Time -- Outflow (min cfs)	Time -- Outflow (min cfs)	Time -- Outflow (min cfs)	Time -- Outflow (min cfs)
165 0.148	204 0.526	243 0.938	282 1.390
166 0.157	205 0.535	244 0.950	283 1.403
167 0.166	206 0.544	245 0.962	284 1.415
168 0.175	207 0.553	246 0.974	285 1.427
169 0.184	208 0.563	247 0.986	286 1.439
170 0.193	209 0.572	248 0.998	287 1.452
171 0.202	210 0.581	249 1.009	288 1.464
172 0.212	211 0.591	250 1.021	289 1.477
173 0.221	212 0.600	251 1.033	290 1.490
174 0.231	213 0.610	252 1.045	291 1.503
175 0.241	214 0.619	253 1.056	292 1.516
176 0.251	215 0.629	254 1.068	293 1.529
177 0.260	216 0.639	255 1.079	294 1.542
178 0.270	217 0.649	256 1.091	295 1.555
179 0.280	218 0.659	257 1.103	296 1.569
180 0.291	219 0.669	258 1.114	297 1.582
181 0.301	220 0.679	259 1.125	298 1.596
182 0.311	221 0.689	260 1.137	299 1.610
183 0.321	222 0.699	261 1.148	300 1.624
184 0.331	223 0.710	262 1.159	301 1.638
185 0.341	224 0.720	263 1.171	302 1.652
186 0.351	225 0.731	264 1.182	303 1.667
187 0.361	226 0.742	265 1.193	304 1.682
188 0.371	227 0.753	266 1.205	305 1.696
189 0.382	228 0.764	267 1.216	306 1.712
190 0.392	229 0.775	268 1.227	307 1.727
191 0.401	230 0.786	269 1.239	308 1.742
192 0.411	231 0.797	270 1.250	309 1.758
193 0.421	232 0.809	271 1.262	310 1.774
194 0.431	233 0.821	272 1.273	311 1.790
195 0.441	234 0.832	273 1.285	312 1.806
196 0.450	235 0.844	274 1.296	313 1.822
197 0.460	236 0.855	275 1.308	314 1.839
198 0.469	237 0.867	276 1.319	315 1.856
199 0.479	238 0.879	277 1.331	316 1.873
200 0.488	239 0.891	278 1.343	317 1.890
201 0.498	240 0.903	279 1.355	318 1.907
202 0.507	241 0.915	280 1.367	319 1.924
203 0.516	242 0.927	281 1.378	320 1.941

Continues on next page...

Hydrograph Discharge Table

Time -- Outflow (min cfs)	Time -- Outflow (min cfs)	Time -- Outflow (min cfs)	Time -- Outflow (min cfs)
321	1.959	377	2.995
322	1.977	378	3.021
323	1.994	379	3.048
324	2.012	380	3.074
325	2.030	381	3.101
326	2.048	382	3.129
327	2.066	383	3.156
328	2.084	384	3.183
329	2.102	385	3.210
330	2.120	386	3.238
331	2.138	387	3.265
332	2.155	388	3.292
333	2.173	389	3.318
334	2.191	390	3.345
335	2.208	391	3.371
336	2.226	392	3.397
337	2.243	393	3.422
338	2.260	394	3.446
339	2.277	395	3.469
340	2.294	396	3.492
341	2.311	397	3.513
342	2.328	398	3.534
343	2.345	399	3.555
344	2.361	400	3.574
345	2.378	401	3.593
346	2.394	402	3.610
347	2.411	403	3.628
348	2.427	404	3.644
349	2.443	405	3.659
350	2.460	406	3.674
351	2.476	407	3.689
352	2.492	408	3.702
353	2.508	409	3.715
354	2.525	410	3.727
355	2.542	411	3.739
356	2.559	412	3.751
357	2.576	413	3.763
358	2.593	414	3.776
359	2.610	415	3.788
360	2.628	416	3.802
361	2.646	417	3.815
362	2.664	418	3.830
363	2.683	419	3.845
364	2.702	420	3.860
365	2.721	421	3.877
366	2.742	422	3.894
367	2.762	423	3.911
368	2.783	424	3.930
369	2.805	425	3.950
370	2.827	426	3.971
371	2.850	427	3.992
372	2.873	428	4.015
373	2.896	429	4.039
374	2.920	430	4.064
375	2.945	431	4.091
376	2.970	432	4.118
		433	4.148
		434	4.178
		435	4.211
		436	4.245
		437	4.280
		438	4.317
		439	4.356
		440	4.396
		441	4.438
		442	4.482
		443	4.528
		444	4.576
		445	4.625
		446	4.676
		447	4.730
		448	4.785
		449	4.843
		450	4.902
		451	4.973
		452	5.057
		453	5.154
		454	5.264
		455	5.388
		456	5.526
		457	5.678
		458	5.844
		459	6.025
		460	6.220
		461	6.430
		462	6.654
		463	6.894
		464	7.147
		465	7.416
		466	7.699
		467	7.997
		468	8.309
		469	8.635
		470	8.976
		471	9.330
		472	9.683
		473	10.03
		474	10.38
		475	10.73
		476	11.07
		477	11.40
		478	11.73
		479	12.05
		480	12.36
		481	12.65
		482	12.93
		483	13.20
		484	13.44
		485	13.67
		486	13.88
		487	14.06
		488	14.23
		489	14.38
		490	14.50
		491	14.61
		492	14.69
		493	14.75
		494	14.79
		495	14.81 <<
		496	14.80
		497	14.78
		498	14.73
		499	14.66
		500	14.57
		501	14.46
		502	14.34
		503	14.21
		504	14.07
		505	13.92
		506	13.76
		507	13.59
		508	13.41
		509	13.23
		510	13.04
		511	12.84
		512	12.64
		513	12.44
		514	12.23
		515	12.02
		516	11.81
		517	11.59
		518	11.37
		519	11.15
		520	10.94
		521	10.73
		522	10.52
		523	10.32
		524	10.12
		525	9.930
		526	9.743
		527	9.561
		528	9.386
		529	9.217
		530	9.054
		531	8.898
		532	8.744
		533	8.595
		534	8.451
		535	8.312
		536	8.178
		537	8.049
		538	7.926
		539	7.808
		540	7.695
		541	7.586
		542	7.482
		543	7.384
		544	7.291

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Hydrograph Discharge Table

Time -- Outflow (min cfs)	Time -- Outflow (min cfs)	Time -- Outflow (min cfs)	Time -- Outflow (min cfs)
545	7.203	601	4.749
546	7.120	602	4.735
547	7.043	603	4.721
548	6.970	604	4.708
549	6.899	605	4.695
550	6.831	606	4.682
551	6.764	607	4.670
552	6.698	608	4.657
553	6.634	609	4.644
554	6.572	610	4.632
555	6.510	611	4.619
556	6.450	612	4.607
557	6.392	613	4.594
558	6.334	614	4.582
559	6.277	615	4.570
560	6.221	616	4.558
561	6.166	617	4.545
562	6.114	618	4.533
563	6.062	619	4.521
564	6.012	620	4.509
565	5.962	621	4.497
566	5.913	622	4.482
567	5.865	623	4.467
568	5.817	624	4.452
569	5.770	625	4.437
570	5.723	626	4.423
571	5.675	627	4.408
572	5.628	628	4.394
573	5.582	629	4.380
574	5.536	630	4.366
575	5.491	631	4.352
576	5.447	632	4.339
577	5.403	633	4.326
578	5.360	634	4.313
579	5.320	635	4.300
580	5.280	636	4.288
581	5.242	637	4.276
582	5.206	638	4.265
583	5.170	639	4.253
584	5.136	640	4.241
585	5.104	641	4.230
586	5.072	642	4.219
587	5.042	643	4.208
588	5.013	644	4.198
589	4.986	645	4.188
590	4.959	646	4.179
591	4.934	647	4.170
592	4.912	648	4.161
593	4.892	649	4.153
594	4.872	650	4.144
595	4.852	651	4.137
596	4.833	652	4.129
597	4.815	653	4.121
598	4.797	654	4.113
599	4.780	655	4.105
600	4.763	656	4.097
		657	4.090
		658	4.082
		659	4.074
		660	4.066
		661	4.058
		662	4.050
		663	4.042
		664	4.033
		665	4.025
		666	4.017
		667	4.009
		668	4.000
		669	3.993
		670	3.985
		671	3.977
		672	3.970
		673	3.962
		674	3.954
		675	3.945
		676	3.937
		677	3.929
		678	3.920
		679	3.912
		680	3.903
		681	3.894
		682	3.885
		683	3.876
		684	3.866
		685	3.857
		686	3.848
		687	3.838
		688	3.828
		689	3.818
		690	3.808
		691	3.798
		692	3.788
		693	3.777
		694	3.766
		695	3.755
		696	3.744
		697	3.733
		698	3.721
		699	3.709
		700	3.698
		701	3.686
		702	3.674
		703	3.662
		704	3.651
		705	3.639
		706	3.627
		707	3.615
		708	3.603
		709	3.591
		710	3.579
		711	3.567
		712	3.555
		713	3.544
		714	3.532
		715	3.521
		716	3.510
		717	3.500
		718	3.489
		719	3.479
		720	3.469
		721	3.459
		722	3.449
		723	3.440
		724	3.431
		725	3.422
		726	3.414
		727	3.405
		728	3.398
		729	3.390
		730	3.383
		731	3.376
		732	3.369
		733	3.363
		734	3.357
		735	3.352
		736	3.347
		737	3.342
		738	3.337
		739	3.333
		740	3.330
		741	3.326
		742	3.324
		743	3.321
		744	3.319
		745	3.317
		746	3.316
		747	3.315
		748	3.315
		749	3.315
		750	3.315
		751	3.315
		752	3.316
		753	3.317
		754	3.317
		755	3.318
		756	3.318
		757	3.319
		758	3.319
		759	3.319
		760	3.319
		761	3.319
		762	3.318
		763	3.318
		764	3.317
		765	3.315
		766	3.314
		767	3.312
		768	3.309

Continues on next page...

Hydrograph Discharge Table

Time -- Outflow (min cfs)	Time -- Outflow (min cfs)	Time -- Outflow (min cfs)	Time -- Outflow (min cfs)
769	3.306	825	3.151
770	3.303	826	3.147
771	3.299	827	3.143
772	3.295	828	3.139
773	3.291	829	3.135
774	3.286	830	3.130
775	3.282	831	3.126
776	3.278	832	3.122
777	3.274	833	3.117
778	3.270	834	3.113
779	3.266	835	3.109
780	3.262	836	3.104
781	3.258	837	3.100
782	3.254	838	3.095
783	3.251	839	3.091
784	3.247	840	3.087
785	3.244	841	3.082
786	3.242	842	3.078
787	3.239	843	3.074
788	3.236	844	3.070
789	3.234	845	3.066
790	3.232	846	3.062
791	3.230	847	3.058
792	3.228	848	3.054
793	3.227	849	3.051
794	3.225	850	3.048
795	3.224	851	3.044
796	3.223	852	3.041
797	3.222	853	3.039
798	3.221	854	3.036
799	3.220	855	3.034
800	3.219	856	3.031
801	3.218	857	3.029
802	3.217	858	3.027
803	3.216	859	3.025
804	3.214	860	3.024
805	3.212	861	3.022
806	3.210	862	3.020
807	3.208	863	3.019
808	3.206	864	3.017
809	3.203	865	3.016
810	3.201	866	3.014
811	3.198	867	3.013
812	3.195	868	3.011
813	3.192	869	3.010
814	3.189	870	3.009
815	3.186	871	3.007
816	3.183	872	3.006
817	3.180	873	3.005
818	3.176	874	3.003
819	3.173	875	3.002
820	3.170	876	3.001
821	3.166	877	2.999
822	3.163	878	2.998
823	3.159	879	2.997
824	3.155	880	2.995
		881	2.994
		882	2.993
		883	2.991
		884	2.990
		885	2.988
		886	2.987
		887	2.986
		888	2.984
		889	2.983
		890	2.981
		891	2.980
		892	2.978
		893	2.976
		894	2.975
		895	2.973
		896	2.971
		897	2.970
		898	2.968
		899	2.966
		900	2.964
		901	2.962
		902	2.961
		903	2.959
		904	2.957
		905	2.955
		906	2.953
		907	2.951
		908	2.949
		909	2.947
		910	2.945
		911	2.943
		912	2.941
		913	2.939
		914	2.937
		915	2.935
		916	2.933
		917	2.931
		918	2.929
		919	2.927
		920	2.925
		921	2.923
		922	2.921
		923	2.919
		924	2.917
		925	2.915
		926	2.913
		927	2.911
		928	2.909
		929	2.907
		930	2.905
		931	2.903
		932	2.901
		933	2.899
		934	2.897
		935	2.895
		936	2.893
		937	2.891
		938	2.889
		939	2.887
		940	2.885
		941	2.883
		942	2.881
		943	2.879
		944	2.877
		945	2.874
		946	2.872
		947	2.870
		948	2.868
		949	2.866
		950	2.864
		951	2.862
		952	2.860
		953	2.858
		954	2.856
		955	2.854
		956	2.852
		957	2.850
		958	2.848
		959	2.846
		960	2.844
		961	2.842
		962	2.840
		963	2.838
		964	2.836
		965	2.834
		966	2.832
		967	2.830
		968	2.828
		969	2.825
		970	2.823
		971	2.821
		972	2.819
		973	2.817
		974	2.815
		975	2.813
		976	2.811
		977	2.809
		978	2.807
		979	2.805
		980	2.803
		981	2.801
		982	2.799
		983	2.797
		984	2.795
		985	2.793
		986	2.790
		987	2.788
		988	2.786
		989	2.784
		990	2.782
		991	2.780
		992	2.778

Continues on next page...

Hydrograph Discharge Table

Time -- Outflow (min cfs)	Time -- Outflow (min cfs)	Time -- Outflow (min cfs)	Time -- Outflow (min cfs)
993	2.776	1049	2.659
994	2.774	1050	2.657
995	2.772	1051	2.654
996	2.770	1052	2.652
997	2.768	1053	2.650
998	2.766	1054	2.648
999	2.764	1055	2.646
1000	2.761	1056	2.644
1001	2.759	1057	2.642
1002	2.757	1058	2.640
1003	2.755	1059	2.637
1004	2.753	1060	2.635
1005	2.751	1061	2.633
1006	2.749	1062	2.631
1007	2.747	1063	2.629
1008	2.745	1064	2.627
1009	2.743	1065	2.625
1010	2.741	1066	2.623
1011	2.739	1067	2.620
1012	2.736	1068	2.618
1013	2.734	1069	2.616
1014	2.732	1070	2.614
1015	2.730	1071	2.612
1016	2.728	1072	2.610
1017	2.726	1073	2.608
1018	2.724	1074	2.606
1019	2.722	1075	2.603
1020	2.720	1076	2.601
1021	2.718	1077	2.599
1022	2.716	1078	2.597
1023	2.713	1079	2.595
1024	2.711	1080	2.593
1025	2.709	1081	2.591
1026	2.707	1082	2.588
1027	2.705	1083	2.586
1028	2.703	1084	2.584
1029	2.701	1085	2.582
1030	2.699	1086	2.580
1031	2.697	1087	2.578
1032	2.695	1088	2.576
1033	2.692	1089	2.574
1034	2.690	1090	2.571
1035	2.688	1091	2.569
1036	2.686	1092	2.567
1037	2.684	1093	2.565
1038	2.682	1094	2.563
1039	2.680	1095	2.561
1040	2.678	1096	2.559
1041	2.676	1097	2.556
1042	2.673	1098	2.554
1043	2.671	1099	2.552
1044	2.669	1100	2.550
1045	2.667	1101	2.548
1046	2.665	1102	2.546
1047	2.663	1103	2.543
1048	2.661	1104	2.541
		1105	2.539
		1106	2.537
		1107	2.535
		1108	2.533
		1109	2.531
		1110	2.528
		1111	2.526
		1112	2.524
		1113	2.522
		1114	2.520
		1115	2.518
		1116	2.515
		1117	2.513
		1118	2.511
		1119	2.509
		1120	2.507
		1121	2.505
		1122	2.503
		1123	2.500
		1124	2.498
		1125	2.496
		1126	2.494
		1127	2.492
		1128	2.490
		1129	2.487
		1130	2.485
		1131	2.483
		1132	2.481
		1133	2.479
		1134	2.477
		1135	2.474
		1136	2.472
		1137	2.470
		1138	2.468
		1139	2.466
		1140	2.464
		1141	2.461
		1142	2.459
		1143	2.457
		1144	2.455
		1145	2.453
		1146	2.451
		1147	2.448
		1148	2.446
		1149	2.444
		1150	2.442
		1151	2.440
		1152	2.437
		1153	2.435
		1154	2.433
		1155	2.431
		1156	2.429
		1157	2.427
		1158	2.424
		1159	2.422
		1160	2.420
		1161	2.418
		1162	2.416
		1163	2.414
		1164	2.411
		1165	2.409
		1166	2.407
		1167	2.405
		1168	2.403
		1169	2.400
		1170	2.398
		1171	2.396
		1172	2.394
		1173	2.392
		1174	2.389
		1175	2.387
		1176	2.385
		1177	2.383
		1178	2.381
		1179	2.379
		1180	2.376
		1181	2.374
		1182	2.372
		1183	2.370
		1184	2.368
		1185	2.365
		1186	2.363
		1187	2.361
		1188	2.359
		1189	2.357
		1190	2.354
		1191	2.352
		1192	2.350
		1193	2.348
		1194	2.346
		1195	2.343
		1196	2.341
		1197	2.339
		1198	2.337
		1199	2.335
		1200	2.332
		1201	2.330
		1202	2.328
		1203	2.326
		1204	2.324
		1205	2.321
		1206	2.319
		1207	2.317
		1208	2.315
		1209	2.313
		1210	2.310
		1211	2.308
		1212	2.306
		1213	2.304
		1214	2.302
		1215	2.299
		1216	2.297

Continues on next page...

Hydrograph Discharge Table

Time -- Outflow (min cfs)	Time -- Outflow (min cfs)	Time -- Outflow (min cfs)	Time -- Outflow (min cfs)
1217	2.295	1273	2.171
1218	2.293	1274	2.169
1219	2.291	1275	2.166
1220	2.288	1276	2.164
1221	2.286	1277	2.162
1222	2.284	1278	2.160
1223	2.282	1279	2.157
1224	2.280	1280	2.155
1225	2.277	1281	2.153
1226	2.275	1282	2.151
1227	2.273	1283	2.149
1228	2.271	1284	2.146
1229	2.269	1285	2.144
1230	2.266	1286	2.142
1231	2.264	1287	2.140
1232	2.262	1288	2.137
1233	2.260	1289	2.135
1234	2.257	1290	2.133
1235	2.255	1291	2.131
1236	2.253	1292	2.128
1237	2.251	1293	2.126
1238	2.249	1294	2.124
1239	2.246	1295	2.122
1240	2.244	1296	2.120
1241	2.242	1297	2.117
1242	2.240	1298	2.115
1243	2.238	1299	2.113
1244	2.235	1300	2.111
1245	2.233	1301	2.108
1246	2.231	1302	2.106
1247	2.229	1303	2.104
1248	2.226	1304	2.102
1249	2.224	1305	2.099
1250	2.222	1306	2.097
1251	2.220	1307	2.095
1252	2.218	1308	2.093
1253	2.215	1309	2.090
1254	2.213	1310	2.088
1255	2.211	1311	2.086
1256	2.209	1312	2.084
1257	2.206	1313	2.081
1258	2.204	1314	2.079
1259	2.202	1315	2.077
1260	2.200	1316	2.075
1261	2.198	1317	2.072
1262	2.195	1318	2.070
1263	2.193	1319	2.068
1264	2.191	1320	2.066
1265	2.189	1321	2.063
1266	2.186	1322	2.061
1267	2.184	1323	2.059
1268	2.182	1324	2.057
1269	2.180	1325	2.055
1270	2.178	1326	2.052
1271	2.175	1327	2.050
1272	2.173	1328	2.048
		1329	2.046
		1330	2.043
		1331	2.041
		1332	2.039
		1333	2.037
		1334	2.034
		1335	2.032
		1336	2.030
		1337	2.028
		1338	2.025
		1339	2.023
		1340	2.021
		1341	2.019
		1342	2.016
		1343	2.014
		1344	2.012
		1345	2.010
		1346	2.007
		1347	2.005
		1348	2.003
		1349	2.001
		1350	1.998
		1351	1.996
		1352	1.994
		1353	1.992
		1354	1.989
		1355	1.987
		1356	1.985
		1357	1.982
		1358	1.980
		1359	1.978
		1360	1.976
		1361	1.973
		1362	1.971
		1363	1.969
		1364	1.967
		1365	1.964
		1366	1.962
		1367	1.960
		1368	1.958
		1369	1.955
		1370	1.953
		1371	1.951
		1372	1.949
		1373	1.946
		1374	1.944
		1375	1.942
		1376	1.940
		1377	1.937
		1378	1.935
		1379	1.933
		1380	1.931
		1381	1.928
		1382	1.926
		1383	1.924
		1384	1.921
		1385	1.919
		1386	1.917
		1387	1.915
		1388	1.912
		1389	1.910
		1390	1.908
		1391	1.906
		1392	1.903
		1393	1.901
		1394	1.899
		1395	1.897
		1396	1.894
		1397	1.892
		1398	1.890
		1399	1.888
		1400	1.885
		1401	1.883
		1402	1.881
		1403	1.878
		1404	1.876
		1405	1.874
		1406	1.872
		1407	1.869
		1408	1.867
		1409	1.865
		1410	1.863
		1411	1.860
		1412	1.858
		1413	1.856
		1414	1.853
		1415	1.851
		1416	1.849
		1417	1.847
		1418	1.844
		1419	1.842
		1420	1.840
		1421	1.838
		1422	1.835
		1423	1.833
		1424	1.831
		1425	1.828
		1426	1.826
		1427	1.824
		1428	1.822
		1429	1.819
		1430	1.817
		1431	1.815
		1432	1.813
		1433	1.810
		1434	1.808
		1435	1.806
		1436	1.803
		1437	1.801
		1438	1.799
		1439	1.797
		1440	1.794

Continues on next page...

Hydrograph Discharge Table

Time -- Outflow
(min cfs)

1441	1.790
1442	1.783
1443	1.773
1444	1.761
1445	1.747
1446	1.730
1447	1.711
1448	1.689
1449	1.665
1450	1.639
1451	1.610
1452	1.579
1453	1.546
1454	1.510
1455	1.472
1456	1.431
1457	1.388
1458	1.343
1459	1.295
1460	1.245
1461	1.193
1462	1.142
1463	1.091
1464	1.042
1465	0.995
1466	0.948
1467	0.902
1468	0.858
1469	0.815
1470	0.773
1471	0.732
1472	0.692
1473	0.653
1474	0.616
1475	0.579
1476	0.544
1477	0.510
1478	0.476
1479	0.445
1480	0.414
1481	0.384
1482	0.355
1483	0.328
1484	0.302
1485	0.276
1486	0.252
1487	0.229
1488	0.207
1489	0.186
1490	0.167
1491	0.148

...End

Hydrograph Report

Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2009 by Autodesk, Inc. v6.066

Thursday, Jul 2, 2009

Hyd. No. 2

Detention pond outflow

Hydrograph type	= Reservoir	Peak discharge	= 4.403 cfs
Storm frequency	= 10 yrs	Time to peak	= 627 min
Time interval	= 1 min	Hyd. volume	= 195,513 cuft
Inflow hyd. No.	= 1 - Developed site storm event	Reservoir name	= Detention Pond
Max. Elevation	= 61.76 ft	Max. Storage	= 90,408 cuft

Storage Indication method used.

Hydrograph Discharge Table

(Printed values >= 1.00% of Qp.)

Time (min)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
497	14.78	61.22	----	0.328	----	----	----	----	----	----	----	0.328
498	14.73	61.23	----	0.638	----	----	----	----	----	----	----	0.638
499	14.66	61.25	----	0.940	----	----	----	----	----	----	----	0.940
500	14.57	61.27	----	1.234	----	----	----	----	----	----	----	1.234
501	14.46	61.28	----	1.520	----	----	----	----	----	----	----	1.520
502	14.34	61.30	----	1.797	----	----	----	----	----	----	----	1.797
503	14.21	61.31	----	1.950	----	----	----	----	----	----	----	1.950
504	14.07	61.32	----	2.060	----	----	----	----	----	----	----	2.060
505	13.92	61.34	----	2.167	----	----	----	----	----	----	----	2.167
506	13.76	61.35	----	2.271	----	----	----	----	----	----	----	2.271
507	13.59	61.37	----	2.373	----	----	----	----	----	----	----	2.373
508	13.41	61.38	----	2.473	----	----	----	----	----	----	----	2.473
509	13.23	61.39	----	2.570	----	----	----	----	----	----	----	2.570
510	13.04	61.40	----	2.660	----	----	----	----	----	----	----	2.660
511	12.84	61.41	----	2.731	----	----	----	----	----	----	----	2.731
512	12.64	61.43	----	2.800	----	----	----	----	----	----	----	2.800
513	12.44	61.44	----	2.867	----	----	----	----	----	----	----	2.867
514	12.23	61.45	----	2.932	----	----	----	----	----	----	----	2.932
515	12.02	61.46	----	2.995	----	----	----	----	----	----	----	2.995
516	11.81	61.47	----	3.057	----	----	----	----	----	----	----	3.057
517	11.59	61.48	----	3.116	----	----	----	----	----	----	----	3.116
518	11.37	61.49	----	3.174	----	----	----	----	----	----	----	3.174
519	11.15	61.50	----	3.229	----	----	----	----	----	----	----	3.229
520	10.94	61.51	----	3.276	----	----	----	----	----	----	----	3.276
521	10.73	61.52	----	3.320	----	----	----	----	----	----	----	3.320
522	10.52	61.53	----	3.362	----	----	----	----	----	----	----	3.362
523	10.32	61.53	----	3.403	----	----	----	----	----	----	----	3.403
524	10.12	61.54	----	3.443	----	----	----	----	----	----	----	3.443
525	9.930	61.55	----	3.481	----	----	----	----	----	----	----	3.481
526	9.743	61.56	----	3.518	----	----	----	----	----	----	----	3.518
527	9.561	61.56	----	3.554	----	----	----	----	----	----	----	3.554
528	9.386	61.57	----	3.588	----	----	----	----	----	----	----	3.588
529	9.217	61.58	----	3.621	----	----	----	----	----	----	----	3.621
530	9.054	61.58	----	3.653	----	----	----	----	----	----	----	3.653
531	8.898	61.59	----	3.684	----	----	----	----	----	----	----	3.684
532	8.744	61.60	----	3.714	----	----	----	----	----	----	----	3.714
533	8.595	61.60	----	3.742	----	----	----	----	----	----	----	3.742
534	8.451	61.61	----	3.766	----	----	----	----	----	----	----	3.766
535	8.312	61.61	----	3.790	----	----	----	----	----	----	----	3.790
536	8.178	61.62	----	3.813	----	----	----	----	----	----	----	3.813
537	8.049	61.62	----	3.835	----	----	----	----	----	----	----	3.835
538	7.926	61.63	----	3.856	----	----	----	----	----	----	----	3.856

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Hydrograph Discharge Table

Time (min)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
539	7.808	61.63	----	3.877	----	----	----	----	----	----	----	3.877
540	7.695	61.64	----	3.897	----	----	----	----	----	----	----	3.897
541	7.586	61.64	----	3.916	----	----	----	----	----	----	----	3.916
542	7.482	61.64	----	3.934	----	----	----	----	----	----	----	3.934
543	7.384	61.65	----	3.952	----	----	----	----	----	----	----	3.952
544	7.291	61.65	----	3.969	----	----	----	----	----	----	----	3.969
545	7.203	61.66	----	3.986	----	----	----	----	----	----	----	3.986
546	7.120	61.66	----	4.002	----	----	----	----	----	----	----	4.003
547	7.043	61.66	----	4.018	----	----	----	----	----	----	----	4.018
548	6.970	61.67	----	4.034	----	----	----	----	----	----	----	4.034
549	6.899	61.67	----	4.048	----	----	----	----	----	----	----	4.048
550	6.831	61.67	----	4.063	----	----	----	----	----	----	----	4.063
551	6.764	61.68	----	4.077	----	----	----	----	----	----	----	4.077
552	6.698	61.68	----	4.090	----	----	----	----	----	----	----	4.090
553	6.634	61.68	----	4.104	----	----	----	----	----	----	----	4.104
554	6.572	61.69	----	4.116	----	----	----	----	----	----	----	4.116
555	6.510	61.69	----	4.129	----	----	----	----	----	----	----	4.129
556	6.450	61.69	----	4.141	----	----	----	----	----	----	----	4.141
557	6.392	61.69	----	4.153	----	----	----	----	----	----	----	4.153
558	6.334	61.70	----	4.164	----	----	----	----	----	----	----	4.164
559	6.277	61.70	----	4.175	----	----	----	----	----	----	----	4.175
560	6.221	61.70	----	4.185	----	----	----	----	----	----	----	4.185
561	6.166	61.70	----	4.194	----	----	----	----	----	----	----	4.194
562	6.114	61.71	----	4.203	----	----	----	----	----	----	----	4.203
563	6.062	61.71	----	4.212	----	----	----	----	----	----	----	4.212
564	6.012	61.71	----	4.220	----	----	----	----	----	----	----	4.220
565	5.962	61.71	----	4.228	----	----	----	----	----	----	----	4.228
566	5.913	61.71	----	4.236	----	----	----	----	----	----	----	4.236
567	5.865	61.72	----	4.244	----	----	----	----	----	----	----	4.244
568	5.817	61.72	----	4.251	----	----	----	----	----	----	----	4.251
569	5.770	61.72	----	4.258	----	----	----	----	----	----	----	4.258
570	5.723	61.72	----	4.265	----	----	----	----	----	----	----	4.265
571	5.675	61.72	----	4.272	----	----	----	----	----	----	----	4.272
572	5.628	61.73	----	4.278	----	----	----	----	----	----	----	4.278
573	5.582	61.73	----	4.285	----	----	----	----	----	----	----	4.284
574	5.536	61.73	----	4.290	----	----	----	----	----	----	----	4.290
575	5.491	61.73	----	4.296	----	----	----	----	----	----	----	4.296
576	5.447	61.73	----	4.301	----	----	----	----	----	----	----	4.301
577	5.403	61.73	----	4.307	----	----	----	----	----	----	----	4.307
578	5.360	61.73	----	4.312	----	----	----	----	----	----	----	4.312
579	5.320	61.73	----	4.316	----	----	----	----	----	----	----	4.316
580	5.280	61.74	----	4.321	----	----	----	----	----	----	----	4.321
581	5.242	61.74	----	4.325	----	----	----	----	----	----	----	4.325
582	5.206	61.74	----	4.329	----	----	----	----	----	----	----	4.329
583	5.170	61.74	----	4.333	----	----	----	----	----	----	----	4.333
584	5.136	61.74	----	4.337	----	----	----	----	----	----	----	4.337
585	5.104	61.74	----	4.341	----	----	----	----	----	----	----	4.341
586	5.072	61.74	----	4.344	----	----	----	----	----	----	----	4.344
587	5.042	61.74	----	4.348	----	----	----	----	----	----	----	4.348
588	5.013	61.74	----	4.351	----	----	----	----	----	----	----	4.351
589	4.986	61.74	----	4.354	----	----	----	----	----	----	----	4.354
590	4.959	61.74	----	4.357	----	----	----	----	----	----	----	4.357
591	4.934	61.75	----	4.359	----	----	----	----	----	----	----	4.359
592	4.912	61.75	----	4.362	----	----	----	----	----	----	----	4.362
593	4.892	61.75	----	4.365	----	----	----	----	----	----	----	4.365
594	4.872	61.75	----	4.367	----	----	----	----	----	----	----	4.367

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Hydrograph Discharge Table

Time (min)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
595	4.852	61.75	----	4.369	----	----	----	----	----	----	----	4.369
596	4.833	61.75	----	4.371	----	----	----	----	----	----	----	4.371
597	4.815	61.75	----	4.373	----	----	----	----	----	----	----	4.373
598	4.797	61.75	----	4.375	----	----	----	----	----	----	----	4.375
599	4.780	61.75	----	4.377	----	----	----	----	----	----	----	4.377
600	4.763	61.75	----	4.379	----	----	----	----	----	----	----	4.379
601	4.749	61.75	----	4.381	----	----	----	----	----	----	----	4.381
602	4.735	61.75	----	4.383	----	----	----	----	----	----	----	4.383
603	4.721	61.75	----	4.384	----	----	----	----	----	----	----	4.384
604	4.708	61.75	----	4.386	----	----	----	----	----	----	----	4.386
605	4.695	61.75	----	4.387	----	----	----	----	----	----	----	4.387
606	4.682	61.75	----	4.389	----	----	----	----	----	----	----	4.389
607	4.670	61.75	----	4.390	----	----	----	----	----	----	----	4.390
608	4.657	61.75	----	4.391	----	----	----	----	----	----	----	4.391
609	4.644	61.75	----	4.392	----	----	----	----	----	----	----	4.392
610	4.632	61.75	----	4.394	----	----	----	----	----	----	----	4.394
611	4.619	61.75	----	4.395	----	----	----	----	----	----	----	4.395
612	4.607	61.75	----	4.396	----	----	----	----	----	----	----	4.396
613	4.594	61.75	----	4.397	----	----	----	----	----	----	----	4.397
614	4.582	61.76	----	4.397	----	----	----	----	----	----	----	4.397
615	4.570	61.76	----	4.398	----	----	----	----	----	----	----	4.398
616	4.558	61.76	----	4.399	----	----	----	----	----	----	----	4.399
617	4.545	61.76	----	4.400	----	----	----	----	----	----	----	4.400
618	4.533	61.76	----	4.400	----	----	----	----	----	----	----	4.400
619	4.521	61.76	----	4.401	----	----	----	----	----	----	----	4.401
620	4.509	61.76	----	4.402	----	----	----	----	----	----	----	4.402
621	4.497	61.76	----	4.402	----	----	----	----	----	----	----	4.402
622	4.482	61.76	----	4.402	----	----	----	----	----	----	----	4.402
623	4.467	61.76	----	4.403	----	----	----	----	----	----	----	4.403
624	4.452	61.76	----	4.403	----	----	----	----	----	----	----	4.403
625	4.437	61.76	----	4.403	----	----	----	----	----	----	----	4.403
626	4.423	61.76	----	4.403	----	----	----	----	----	----	----	4.403
627	4.408	61.76 <<	----	4.403	----	----	----	----	----	----	----	4.403 <<
628	4.394	61.76	----	4.403	----	----	----	----	----	----	----	4.403
629	4.380	61.76	----	4.403	----	----	----	----	----	----	----	4.403
630	4.366	61.76	----	4.403	----	----	----	----	----	----	----	4.403
631	4.352	61.76	----	4.403	----	----	----	----	----	----	----	4.403
632	4.339	61.76	----	4.403	----	----	----	----	----	----	----	4.403
633	4.326	61.76	----	4.402	----	----	----	----	----	----	----	4.402
634	4.313	61.76	----	4.402	----	----	----	----	----	----	----	4.402
635	4.300	61.76	----	4.402	----	----	----	----	----	----	----	4.402
636	4.288	61.76	----	4.401	----	----	----	----	----	----	----	4.401
637	4.276	61.76	----	4.400	----	----	----	----	----	----	----	4.400
638	4.265	61.76	----	4.400	----	----	----	----	----	----	----	4.400
639	4.253	61.76	----	4.399	----	----	----	----	----	----	----	4.399
640	4.241	61.76	----	4.399	----	----	----	----	----	----	----	4.399
641	4.230	61.76	----	4.398	----	----	----	----	----	----	----	4.398
642	4.219	61.75	----	4.397	----	----	----	----	----	----	----	4.397
643	4.208	61.75	----	4.396	----	----	----	----	----	----	----	4.396
644	4.198	61.75	----	4.395	----	----	----	----	----	----	----	4.395
645	4.188	61.75	----	4.394	----	----	----	----	----	----	----	4.394
646	4.179	61.75	----	4.393	----	----	----	----	----	----	----	4.393
647	4.170	61.75	----	4.392	----	----	----	----	----	----	----	4.392
648	4.161	61.75	----	4.391	----	----	----	----	----	----	----	4.391
649	4.153	61.75	----	4.390	----	----	----	----	----	----	----	4.390
650	4.144	61.75	----	4.389	----	----	----	----	----	----	----	4.389

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Hydrograph Discharge Table

Time (min)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
651	4.137	61.75	----	4.388	----	----	----	----	----	----	----	4.388
652	4.129	61.75	----	4.387	----	----	----	----	----	----	----	4.387
653	4.121	61.75	----	4.385	----	----	----	----	----	----	----	4.385
654	4.113	61.75	----	4.384	----	----	----	----	----	----	----	4.384
655	4.105	61.75	----	4.383	----	----	----	----	----	----	----	4.383
656	4.097	61.75	----	4.382	----	----	----	----	----	----	----	4.382
657	4.090	61.75	----	4.380	----	----	----	----	----	----	----	4.380
658	4.082	61.75	----	4.379	----	----	----	----	----	----	----	4.379
659	4.074	61.75	----	4.378	----	----	----	----	----	----	----	4.378
660	4.066	61.75	----	4.376	----	----	----	----	----	----	----	4.376
661	4.058	61.75	----	4.375	----	----	----	----	----	----	----	4.375
662	4.050	61.75	----	4.373	----	----	----	----	----	----	----	4.373
663	4.042	61.75	----	4.372	----	----	----	----	----	----	----	4.372
664	4.033	61.75	----	4.370	----	----	----	----	----	----	----	4.370
665	4.025	61.75	----	4.369	----	----	----	----	----	----	----	4.369
666	4.017	61.75	----	4.367	----	----	----	----	----	----	----	4.367
667	4.009	61.75	----	4.365	----	----	----	----	----	----	----	4.365
668	4.000	61.75	----	4.364	----	----	----	----	----	----	----	4.364
669	3.993	61.75	----	4.362	----	----	----	----	----	----	----	4.362
670	3.985	61.75	----	4.360	----	----	----	----	----	----	----	4.360
671	3.977	61.75	----	4.358	----	----	----	----	----	----	----	4.358
672	3.970	61.74	----	4.357	----	----	----	----	----	----	----	4.357
673	3.962	61.74	----	4.355	----	----	----	----	----	----	----	4.355
674	3.954	61.74	----	4.353	----	----	----	----	----	----	----	4.353
675	3.945	61.74	----	4.351	----	----	----	----	----	----	----	4.351
676	3.937	61.74	----	4.349	----	----	----	----	----	----	----	4.349
677	3.929	61.74	----	4.347	----	----	----	----	----	----	----	4.347
678	3.920	61.74	----	4.345	----	----	----	----	----	----	----	4.345
679	3.912	61.74	----	4.343	----	----	----	----	----	----	----	4.343
680	3.903	61.74	----	4.341	----	----	----	----	----	----	----	4.341
681	3.894	61.74	----	4.339	----	----	----	----	----	----	----	4.339
682	3.885	61.74	----	4.337	----	----	----	----	----	----	----	4.337
683	3.876	61.74	----	4.335	----	----	----	----	----	----	----	4.335
684	3.866	61.74	----	4.333	----	----	----	----	----	----	----	4.333
685	3.857	61.74	----	4.331	----	----	----	----	----	----	----	4.331
686	3.848	61.74	----	4.329	----	----	----	----	----	----	----	4.329
687	3.838	61.74	----	4.326	----	----	----	----	----	----	----	4.326
688	3.828	61.74	----	4.324	----	----	----	----	----	----	----	4.324
689	3.818	61.74	----	4.322	----	----	----	----	----	----	----	4.322
690	3.808	61.74	----	4.319	----	----	----	----	----	----	----	4.319
691	3.798	61.73	----	4.317	----	----	----	----	----	----	----	4.317
692	3.788	61.73	----	4.315	----	----	----	----	----	----	----	4.315
693	3.777	61.73	----	4.312	----	----	----	----	----	----	----	4.312
694	3.766	61.73	----	4.310	----	----	----	----	----	----	----	4.310
695	3.755	61.73	----	4.307	----	----	----	----	----	----	----	4.307
696	3.744	61.73	----	4.304	----	----	----	----	----	----	----	4.304
697	3.733	61.73	----	4.302	----	----	----	----	----	----	----	4.302
698	3.721	61.73	----	4.299	----	----	----	----	----	----	----	4.299
699	3.709	61.73	----	4.296	----	----	----	----	----	----	----	4.296
700	3.698	61.73	----	4.294	----	----	----	----	----	----	----	4.294
701	3.686	61.73	----	4.291	----	----	----	----	----	----	----	4.291
702	3.674	61.73	----	4.288	----	----	----	----	----	----	----	4.288
703	3.662	61.73	----	4.285	----	----	----	----	----	----	----	4.285
704	3.651	61.73	----	4.282	----	----	----	----	----	----	----	4.282
705	3.639	61.73	----	4.279	----	----	----	----	----	----	----	4.279
706	3.627	61.72	----	4.276	----	----	----	----	----	----	----	4.276

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Hydrograph Discharge Table

Time (min)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
707	3.615	61.72	----	4.273	----	----	----	----	----	----	----	4.273
708	3.603	61.72	----	4.270	----	----	----	----	----	----	----	4.270
709	3.591	61.72	----	4.267	----	----	----	----	----	----	----	4.267
710	3.579	61.72	----	4.264	----	----	----	----	----	----	----	4.264
711	3.567	61.72	----	4.261	----	----	----	----	----	----	----	4.261
712	3.555	61.72	----	4.258	----	----	----	----	----	----	----	4.258
713	3.544	61.72	----	4.254	----	----	----	----	----	----	----	4.254
714	3.532	61.72	----	4.251	----	----	----	----	----	----	----	4.251
715	3.521	61.72	----	4.248	----	----	----	----	----	----	----	4.248
716	3.510	61.72	----	4.244	----	----	----	----	----	----	----	4.244
717	3.500	61.72	----	4.241	----	----	----	----	----	----	----	4.241
718	3.489	61.71	----	4.237	----	----	----	----	----	----	----	4.237
719	3.479	61.71	----	4.234	----	----	----	----	----	----	----	4.234
720	3.469	61.71	----	4.230	----	----	----	----	----	----	----	4.230
721	3.459	61.71	----	4.227	----	----	----	----	----	----	----	4.227
722	3.449	61.71	----	4.223	----	----	----	----	----	----	----	4.223
723	3.440	61.71	----	4.220	----	----	----	----	----	----	----	4.220
724	3.431	61.71	----	4.216	----	----	----	----	----	----	----	4.216
725	3.422	61.71	----	4.212	----	----	----	----	----	----	----	4.212
726	3.414	61.71	----	4.209	----	----	----	----	----	----	----	4.209
727	3.405	61.71	----	4.205	----	----	----	----	----	----	----	4.205
728	3.398	61.71	----	4.201	----	----	----	----	----	----	----	4.201
729	3.390	61.70	----	4.197	----	----	----	----	----	----	----	4.197
730	3.383	61.70	----	4.194	----	----	----	----	----	----	----	4.194
731	3.376	61.70	----	4.190	----	----	----	----	----	----	----	4.190
732	3.369	61.70	----	4.186	----	----	----	----	----	----	----	4.186
733	3.363	61.70	----	4.182	----	----	----	----	----	----	----	4.182
734	3.357	61.70	----	4.179	----	----	----	----	----	----	----	4.179
735	3.352	61.70	----	4.174	----	----	----	----	----	----	----	4.174
736	3.347	61.70	----	4.170	----	----	----	----	----	----	----	4.170
737	3.342	61.70	----	4.166	----	----	----	----	----	----	----	4.166
738	3.337	61.70	----	4.162	----	----	----	----	----	----	----	4.162
739	3.333	61.70	----	4.158	----	----	----	----	----	----	----	4.158
740	3.330	61.69	----	4.153	----	----	----	----	----	----	----	4.153
741	3.326	61.69	----	4.149	----	----	----	----	----	----	----	4.149
742	3.324	61.69	----	4.145	----	----	----	----	----	----	----	4.145
743	3.321	61.69	----	4.141	----	----	----	----	----	----	----	4.141
744	3.319	61.69	----	4.136	----	----	----	----	----	----	----	4.136
745	3.317	61.69	----	4.132	----	----	----	----	----	----	----	4.132
746	3.316	61.69	----	4.128	----	----	----	----	----	----	----	4.128
747	3.315	61.69	----	4.124	----	----	----	----	----	----	----	4.124
748	3.315	61.69	----	4.120	----	----	----	----	----	----	----	4.120
749	3.315	61.69	----	4.116	----	----	----	----	----	----	----	4.116
750	3.315	61.69	----	4.112	----	----	----	----	----	----	----	4.112
751	3.315	61.68	----	4.108	----	----	----	----	----	----	----	4.108
752	3.316	61.68	----	4.103	----	----	----	----	----	----	----	4.103
753	3.317	61.68	----	4.099	----	----	----	----	----	----	----	4.099
754	3.317	61.68	----	4.095	----	----	----	----	----	----	----	4.095
755	3.318	61.68	----	4.091	----	----	----	----	----	----	----	4.091
756	3.318	61.68	----	4.087	----	----	----	----	----	----	----	4.087
757	3.319	61.68	----	4.084	----	----	----	----	----	----	----	4.084
758	3.319	61.68	----	4.080	----	----	----	----	----	----	----	4.080
759	3.319	61.68	----	4.076	----	----	----	----	----	----	----	4.076
760	3.319	61.68	----	4.072	----	----	----	----	----	----	----	4.072
761	3.319	61.68	----	4.068	----	----	----	----	----	----	----	4.068
762	3.318	61.67	----	4.064	----	----	----	----	----	----	----	4.064

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Hydrograph Discharge Table

Time (min)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
763	3.318	61.67	----	4.060	----	----	----	----	----	----	----	4.060
764	3.317	61.67	----	4.057	----	----	----	----	----	----	----	4.057
765	3.315	61.67	----	4.053	----	----	----	----	----	----	----	4.053
766	3.314	61.67	----	4.049	----	----	----	----	----	----	----	4.049
767	3.312	61.67	----	4.045	----	----	----	----	----	----	----	4.045
768	3.309	61.67	----	4.041	----	----	----	----	----	----	----	4.041
769	3.306	61.67	----	4.038	----	----	----	----	----	----	----	4.038
770	3.303	61.67	----	4.034	----	----	----	----	----	----	----	4.034
771	3.299	61.67	----	4.030	----	----	----	----	----	----	----	4.030
772	3.295	61.67	----	4.026	----	----	----	----	----	----	----	4.026
773	3.291	61.66	----	4.023	----	----	----	----	----	----	----	4.023
774	3.286	61.66	----	4.019	----	----	----	----	----	----	----	4.019
775	3.282	61.66	----	4.015	----	----	----	----	----	----	----	4.015
776	3.278	61.66	----	4.011	----	----	----	----	----	----	----	4.011
777	3.274	61.66	----	4.008	----	----	----	----	----	----	----	4.008
778	3.270	61.66	----	4.004	----	----	----	----	----	----	----	4.004
779	3.266	61.66	----	4.000	----	----	----	----	----	----	----	4.000
780	3.262	61.66	----	3.996	----	----	----	----	----	----	----	3.996
781	3.258	61.66	----	3.993	----	----	----	----	----	----	----	3.993
782	3.254	61.66	----	3.989	----	----	----	----	----	----	----	3.989
783	3.251	61.66	----	3.985	----	----	----	----	----	----	----	3.985
784	3.247	61.66	----	3.981	----	----	----	----	----	----	----	3.981
785	3.244	61.65	----	3.977	----	----	----	----	----	----	----	3.977
786	3.242	61.65	----	3.974	----	----	----	----	----	----	----	3.974
787	3.239	61.65	----	3.970	----	----	----	----	----	----	----	3.970
788	3.236	61.65	----	3.966	----	----	----	----	----	----	----	3.966
789	3.234	61.65	----	3.962	----	----	----	----	----	----	----	3.962
790	3.232	61.65	----	3.959	----	----	----	----	----	----	----	3.959
791	3.230	61.65	----	3.955	----	----	----	----	----	----	----	3.955
792	3.228	61.65	----	3.951	----	----	----	----	----	----	----	3.951
793	3.227	61.65	----	3.948	----	----	----	----	----	----	----	3.948
794	3.225	61.65	----	3.944	----	----	----	----	----	----	----	3.944
795	3.224	61.65	----	3.940	----	----	----	----	----	----	----	3.940
796	3.223	61.65	----	3.937	----	----	----	----	----	----	----	3.937
797	3.222	61.64	----	3.933	----	----	----	----	----	----	----	3.933
798	3.221	61.64	----	3.929	----	----	----	----	----	----	----	3.929
799	3.220	61.64	----	3.926	----	----	----	----	----	----	----	3.926
800	3.219	61.64	----	3.922	----	----	----	----	----	----	----	3.922
801	3.218	61.64	----	3.918	----	----	----	----	----	----	----	3.918
802	3.217	61.64	----	3.915	----	----	----	----	----	----	----	3.915
803	3.216	61.64	----	3.911	----	----	----	----	----	----	----	3.911
804	3.214	61.64	----	3.908	----	----	----	----	----	----	----	3.908
805	3.212	61.64	----	3.904	----	----	----	----	----	----	----	3.904
806	3.210	61.64	----	3.901	----	----	----	----	----	----	----	3.901
807	3.208	61.64	----	3.897	----	----	----	----	----	----	----	3.897
808	3.206	61.64	----	3.893	----	----	----	----	----	----	----	3.893
809	3.203	61.63	----	3.890	----	----	----	----	----	----	----	3.890
810	3.201	61.63	----	3.886	----	----	----	----	----	----	----	3.886
811	3.198	61.63	----	3.883	----	----	----	----	----	----	----	3.883
812	3.195	61.63	----	3.879	----	----	----	----	----	----	----	3.879
813	3.192	61.63	----	3.876	----	----	----	----	----	----	----	3.876
814	3.189	61.63	----	3.872	----	----	----	----	----	----	----	3.872
815	3.186	61.63	----	3.869	----	----	----	----	----	----	----	3.869
816	3.183	61.63	----	3.865	----	----	----	----	----	----	----	3.865
817	3.180	61.63	----	3.862	----	----	----	----	----	----	----	3.862
818	3.176	61.63	----	3.858	----	----	----	----	----	----	----	3.858

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Hydrograph Discharge Table

Time (min)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
819	3.173	61.63	----	3.855	----	----	----	----	----	----	----	3.855
820	3.170	61.63	----	3.851	----	----	----	----	----	----	----	3.851
821	3.166	61.63	----	3.848	----	----	----	----	----	----	----	3.848
822	3.163	61.62	----	3.844	----	----	----	----	----	----	----	3.844
823	3.159	61.62	----	3.841	----	----	----	----	----	----	----	3.841
824	3.155	61.62	----	3.837	----	----	----	----	----	----	----	3.837
825	3.151	61.62	----	3.834	----	----	----	----	----	----	----	3.834
826	3.147	61.62	----	3.830	----	----	----	----	----	----	----	3.830
827	3.143	61.62	----	3.827	----	----	----	----	----	----	----	3.827
828	3.139	61.62	----	3.823	----	----	----	----	----	----	----	3.823
829	3.135	61.62	----	3.820	----	----	----	----	----	----	----	3.820
830	3.130	61.62	----	3.816	----	----	----	----	----	----	----	3.816
831	3.126	61.62	----	3.813	----	----	----	----	----	----	----	3.813
832	3.122	61.62	----	3.809	----	----	----	----	----	----	----	3.809
833	3.117	61.62	----	3.806	----	----	----	----	----	----	----	3.806
834	3.113	61.61	----	3.802	----	----	----	----	----	----	----	3.802
835	3.109	61.61	----	3.799	----	----	----	----	----	----	----	3.799
836	3.104	61.61	----	3.795	----	----	----	----	----	----	----	3.795
837	3.100	61.61	----	3.792	----	----	----	----	----	----	----	3.792
838	3.095	61.61	----	3.788	----	----	----	----	----	----	----	3.788
839	3.091	61.61	----	3.784	----	----	----	----	----	----	----	3.784
840	3.087	61.61	----	3.781	----	----	----	----	----	----	----	3.781
841	3.082	61.61	----	3.777	----	----	----	----	----	----	----	3.777
842	3.078	61.61	----	3.774	----	----	----	----	----	----	----	3.774
843	3.074	61.61	----	3.770	----	----	----	----	----	----	----	3.770
844	3.070	61.61	----	3.767	----	----	----	----	----	----	----	3.767
845	3.066	61.61	----	3.763	----	----	----	----	----	----	----	3.763
846	3.062	61.61	----	3.759	----	----	----	----	----	----	----	3.759
847	3.058	61.60	----	3.756	----	----	----	----	----	----	----	3.756
848	3.054	61.60	----	3.752	----	----	----	----	----	----	----	3.752
849	3.051	61.60	----	3.749	----	----	----	----	----	----	----	3.749
850	3.048	61.60	----	3.745	----	----	----	----	----	----	----	3.745
851	3.044	61.60	----	3.742	----	----	----	----	----	----	----	3.742
852	3.041	61.60	----	3.738	----	----	----	----	----	----	----	3.738
853	3.039	61.60	----	3.734	----	----	----	----	----	----	----	3.734
854	3.036	61.60	----	3.730	----	----	----	----	----	----	----	3.730
855	3.034	61.60	----	3.726	----	----	----	----	----	----	----	3.726
856	3.031	61.60	----	3.722	----	----	----	----	----	----	----	3.722
857	3.029	61.60	----	3.718	----	----	----	----	----	----	----	3.718
858	3.027	61.60	----	3.714	----	----	----	----	----	----	----	3.714
859	3.025	61.59	----	3.710	----	----	----	----	----	----	----	3.710
860	3.024	61.59	----	3.706	----	----	----	----	----	----	----	3.706
861	3.022	61.59	----	3.702	----	----	----	----	----	----	----	3.702
862	3.020	61.59	----	3.698	----	----	----	----	----	----	----	3.698
863	3.019	61.59	----	3.694	----	----	----	----	----	----	----	3.694
864	3.017	61.59	----	3.690	----	----	----	----	----	----	----	3.690
865	3.016	61.59	----	3.686	----	----	----	----	----	----	----	3.686
866	3.014	61.59	----	3.682	----	----	----	----	----	----	----	3.682
867	3.013	61.59	----	3.678	----	----	----	----	----	----	----	3.678
868	3.011	61.59	----	3.675	----	----	----	----	----	----	----	3.675
869	3.010	61.59	----	3.671	----	----	----	----	----	----	----	3.671
870	3.009	61.59	----	3.667	----	----	----	----	----	----	----	3.667
871	3.007	61.59	----	3.663	----	----	----	----	----	----	----	3.663
872	3.006	61.58	----	3.659	----	----	----	----	----	----	----	3.659
873	3.005	61.58	----	3.655	----	----	----	----	----	----	----	3.655
874	3.003	61.58	----	3.652	----	----	----	----	----	----	----	3.652

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Hydrograph Discharge Table

Time (min)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
875	3.002	61.58	----	3.648	----	----	----	----	----	----	----	3.648
876	3.001	61.58	----	3.644	----	----	----	----	----	----	----	3.644
877	2.999	61.58	----	3.640	----	----	----	----	----	----	----	3.640
878	2.998	61.58	----	3.637	----	----	----	----	----	----	----	3.637
879	2.997	61.58	----	3.633	----	----	----	----	----	----	----	3.633
880	2.995	61.58	----	3.629	----	----	----	----	----	----	----	3.629
881	2.994	61.58	----	3.626	----	----	----	----	----	----	----	3.626
882	2.993	61.58	----	3.622	----	----	----	----	----	----	----	3.622
883	2.991	61.58	----	3.618	----	----	----	----	----	----	----	3.618
884	2.990	61.58	----	3.615	----	----	----	----	----	----	----	3.615
885	2.988	61.57	----	3.611	----	----	----	----	----	----	----	3.611
886	2.987	61.57	----	3.607	----	----	----	----	----	----	----	3.607
887	2.986	61.57	----	3.604	----	----	----	----	----	----	----	3.604
888	2.984	61.57	----	3.600	----	----	----	----	----	----	----	3.600
889	2.983	61.57	----	3.597	----	----	----	----	----	----	----	3.597
890	2.981	61.57	----	3.593	----	----	----	----	----	----	----	3.593
891	2.980	61.57	----	3.589	----	----	----	----	----	----	----	3.589
892	2.978	61.57	----	3.586	----	----	----	----	----	----	----	3.586
893	2.976	61.57	----	3.582	----	----	----	----	----	----	----	3.582
894	2.975	61.57	----	3.579	----	----	----	----	----	----	----	3.579
895	2.973	61.57	----	3.575	----	----	----	----	----	----	----	3.575
896	2.971	61.57	----	3.572	----	----	----	----	----	----	----	3.572
897	2.970	61.57	----	3.568	----	----	----	----	----	----	----	3.568
898	2.968	61.57	----	3.565	----	----	----	----	----	----	----	3.565
899	2.966	61.56	----	3.561	----	----	----	----	----	----	----	3.561
900	2.964	61.56	----	3.558	----	----	----	----	----	----	----	3.558
901	2.962	61.56	----	3.554	----	----	----	----	----	----	----	3.554
902	2.961	61.56	----	3.551	----	----	----	----	----	----	----	3.551
903	2.959	61.56	----	3.548	----	----	----	----	----	----	----	3.548
904	2.957	61.56	----	3.544	----	----	----	----	----	----	----	3.544
905	2.955	61.56	----	3.541	----	----	----	----	----	----	----	3.541
906	2.953	61.56	----	3.537	----	----	----	----	----	----	----	3.537
907	2.951	61.56	----	3.534	----	----	----	----	----	----	----	3.534
908	2.949	61.56	----	3.531	----	----	----	----	----	----	----	3.531
909	2.947	61.56	----	3.527	----	----	----	----	----	----	----	3.527
910	2.945	61.56	----	3.524	----	----	----	----	----	----	----	3.524
911	2.943	61.56	----	3.520	----	----	----	----	----	----	----	3.520
912	2.941	61.56	----	3.517	----	----	----	----	----	----	----	3.517
913	2.939	61.56	----	3.514	----	----	----	----	----	----	----	3.514
914	2.937	61.55	----	3.510	----	----	----	----	----	----	----	3.510
915	2.935	61.55	----	3.507	----	----	----	----	----	----	----	3.507
916	2.933	61.55	----	3.504	----	----	----	----	----	----	----	3.504
917	2.931	61.55	----	3.500	----	----	----	----	----	----	----	3.500
918	2.929	61.55	----	3.497	----	----	----	----	----	----	----	3.497
919	2.927	61.55	----	3.494	----	----	----	----	----	----	----	3.494
920	2.925	61.55	----	3.490	----	----	----	----	----	----	----	3.490
921	2.923	61.55	----	3.487	----	----	----	----	----	----	----	3.487
922	2.921	61.55	----	3.484	----	----	----	----	----	----	----	3.484
923	2.919	61.55	----	3.481	----	----	----	----	----	----	----	3.481
924	2.917	61.55	----	3.477	----	----	----	----	----	----	----	3.477
925	2.915	61.55	----	3.474	----	----	----	----	----	----	----	3.474
926	2.913	61.55	----	3.471	----	----	----	----	----	----	----	3.471
927	2.911	61.55	----	3.468	----	----	----	----	----	----	----	3.468
928	2.909	61.55	----	3.464	----	----	----	----	----	----	----	3.464
929	2.907	61.54	----	3.461	----	----	----	----	----	----	----	3.461
930	2.905	61.54	----	3.458	----	----	----	----	----	----	----	3.458

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Hydrograph Discharge Table

Time (min)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
931	2.903	61.54	----	3.455	----	----	----	----	----	----	----	3.455
932	2.901	61.54	----	3.451	----	----	----	----	----	----	----	3.451
933	2.899	61.54	----	3.448	----	----	----	----	----	----	----	3.448
934	2.897	61.54	----	3.445	----	----	----	----	----	----	----	3.445
935	2.895	61.54	----	3.442	----	----	----	----	----	----	----	3.442
936	2.893	61.54	----	3.439	----	----	----	----	----	----	----	3.439
937	2.891	61.54	----	3.435	----	----	----	----	----	----	----	3.435
938	2.889	61.54	----	3.432	----	----	----	----	----	----	----	3.432
939	2.887	61.54	----	3.429	----	----	----	----	----	----	----	3.429
940	2.885	61.54	----	3.426	----	----	----	----	----	----	----	3.426
941	2.883	61.54	----	3.423	----	----	----	----	----	----	----	3.423
942	2.881	61.54	----	3.420	----	----	----	----	----	----	----	3.420
943	2.879	61.54	----	3.417	----	----	----	----	----	----	----	3.417
944	2.877	61.54	----	3.413	----	----	----	----	----	----	----	3.413
945	2.874	61.53	----	3.410	----	----	----	----	----	----	----	3.410
946	2.872	61.53	----	3.407	----	----	----	----	----	----	----	3.407
947	2.870	61.53	----	3.404	----	----	----	----	----	----	----	3.404
948	2.868	61.53	----	3.401	----	----	----	----	----	----	----	3.401
949	2.866	61.53	----	3.398	----	----	----	----	----	----	----	3.398
950	2.864	61.53	----	3.395	----	----	----	----	----	----	----	3.395
951	2.862	61.53	----	3.392	----	----	----	----	----	----	----	3.392
952	2.860	61.53	----	3.389	----	----	----	----	----	----	----	3.389
953	2.858	61.53	----	3.386	----	----	----	----	----	----	----	3.386
954	2.856	61.53	----	3.382	----	----	----	----	----	----	----	3.382
955	2.854	61.53	----	3.379	----	----	----	----	----	----	----	3.379
956	2.852	61.53	----	3.376	----	----	----	----	----	----	----	3.376
957	2.850	61.53	----	3.373	----	----	----	----	----	----	----	3.373
958	2.848	61.53	----	3.370	----	----	----	----	----	----	----	3.370
959	2.846	61.53	----	3.367	----	----	----	----	----	----	----	3.367
960	2.844	61.53	----	3.364	----	----	----	----	----	----	----	3.364
961	2.842	61.53	----	3.361	----	----	----	----	----	----	----	3.361
962	2.840	61.52	----	3.358	----	----	----	----	----	----	----	3.358
963	2.838	61.52	----	3.355	----	----	----	----	----	----	----	3.355
964	2.836	61.52	----	3.352	----	----	----	----	----	----	----	3.352
965	2.834	61.52	----	3.349	----	----	----	----	----	----	----	3.349
966	2.832	61.52	----	3.346	----	----	----	----	----	----	----	3.346
967	2.830	61.52	----	3.343	----	----	----	----	----	----	----	3.343
968	2.828	61.52	----	3.340	----	----	----	----	----	----	----	3.340
969	2.825	61.52	----	3.337	----	----	----	----	----	----	----	3.337
970	2.823	61.52	----	3.334	----	----	----	----	----	----	----	3.334
971	2.821	61.52	----	3.331	----	----	----	----	----	----	----	3.331
972	2.819	61.52	----	3.328	----	----	----	----	----	----	----	3.328
973	2.817	61.52	----	3.325	----	----	----	----	----	----	----	3.325
974	2.815	61.52	----	3.322	----	----	----	----	----	----	----	3.322
975	2.813	61.52	----	3.319	----	----	----	----	----	----	----	3.319
976	2.811	61.52	----	3.316	----	----	----	----	----	----	----	3.316
977	2.809	61.52	----	3.313	----	----	----	----	----	----	----	3.313
978	2.807	61.51	----	3.311	----	----	----	----	----	----	----	3.311
979	2.805	61.51	----	3.308	----	----	----	----	----	----	----	3.308
980	2.803	61.51	----	3.305	----	----	----	----	----	----	----	3.305
981	2.801	61.51	----	3.302	----	----	----	----	----	----	----	3.302
982	2.799	61.51	----	3.299	----	----	----	----	----	----	----	3.299
983	2.797	61.51	----	3.296	----	----	----	----	----	----	----	3.296
984	2.795	61.51	----	3.293	----	----	----	----	----	----	----	3.293
985	2.793	61.51	----	3.290	----	----	----	----	----	----	----	3.290
986	2.790	61.51	----	3.287	----	----	----	----	----	----	----	3.287

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Hydrograph Discharge Table

Time (min)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
987	2.788	61.51	----	3.284	----	----	----	----	----	----	----	3.284
988	2.786	61.51	----	3.281	----	----	----	----	----	----	----	3.281
989	2.784	61.51	----	3.279	----	----	----	----	----	----	----	3.279
990	2.782	61.51	----	3.276	----	----	----	----	----	----	----	3.276
991	2.780	61.51	----	3.273	----	----	----	----	----	----	----	3.273
992	2.778	61.51	----	3.270	----	----	----	----	----	----	----	3.270
993	2.776	61.51	----	3.267	----	----	----	----	----	----	----	3.267
994	2.774	61.51	----	3.264	----	----	----	----	----	----	----	3.264
995	2.772	61.51	----	3.261	----	----	----	----	----	----	----	3.261
996	2.770	61.50	----	3.259	----	----	----	----	----	----	----	3.258
997	2.768	61.50	----	3.256	----	----	----	----	----	----	----	3.256
998	2.766	61.50	----	3.253	----	----	----	----	----	----	----	3.253
999	2.764	61.50	----	3.250	----	----	----	----	----	----	----	3.250
1000	2.761	61.50	----	3.247	----	----	----	----	----	----	----	3.247
1001	2.759	61.50	----	3.244	----	----	----	----	----	----	----	3.244
1002	2.757	61.50	----	3.241	----	----	----	----	----	----	----	3.241
1003	2.755	61.50	----	3.239	----	----	----	----	----	----	----	3.239
1004	2.753	61.50	----	3.236	----	----	----	----	----	----	----	3.236
1005	2.751	61.50	----	3.233	----	----	----	----	----	----	----	3.233
1006	2.749	61.50	----	3.229	----	----	----	----	----	----	----	3.229
1007	2.747	61.50	----	3.226	----	----	----	----	----	----	----	3.226
1008	2.745	61.50	----	3.223	----	----	----	----	----	----	----	3.223
1009	2.743	61.50	----	3.219	----	----	----	----	----	----	----	3.219
1010	2.741	61.50	----	3.216	----	----	----	----	----	----	----	3.216
1011	2.739	61.50	----	3.213	----	----	----	----	----	----	----	3.213
1012	2.736	61.50	----	3.209	----	----	----	----	----	----	----	3.209
1013	2.734	61.49	----	3.206	----	----	----	----	----	----	----	3.206
1014	2.732	61.49	----	3.203	----	----	----	----	----	----	----	3.203
1015	2.730	61.49	----	3.200	----	----	----	----	----	----	----	3.200
1016	2.728	61.49	----	3.196	----	----	----	----	----	----	----	3.196
1017	2.726	61.49	----	3.193	----	----	----	----	----	----	----	3.193
1018	2.724	61.49	----	3.190	----	----	----	----	----	----	----	3.190
1019	2.722	61.49	----	3.187	----	----	----	----	----	----	----	3.187
1020	2.720	61.49	----	3.184	----	----	----	----	----	----	----	3.184
1021	2.718	61.49	----	3.180	----	----	----	----	----	----	----	3.180
1022	2.716	61.49	----	3.177	----	----	----	----	----	----	----	3.177
1023	2.713	61.49	----	3.174	----	----	----	----	----	----	----	3.174
1024	2.711	61.49	----	3.171	----	----	----	----	----	----	----	3.171
1025	2.709	61.49	----	3.168	----	----	----	----	----	----	----	3.168
1026	2.707	61.49	----	3.164	----	----	----	----	----	----	----	3.164
1027	2.705	61.49	----	3.161	----	----	----	----	----	----	----	3.161
1028	2.703	61.49	----	3.158	----	----	----	----	----	----	----	3.158
1029	2.701	61.49	----	3.155	----	----	----	----	----	----	----	3.155
1030	2.699	61.49	----	3.152	----	----	----	----	----	----	----	3.152
1031	2.697	61.49	----	3.149	----	----	----	----	----	----	----	3.149
1032	2.695	61.48	----	3.146	----	----	----	----	----	----	----	3.146
1033	2.692	61.48	----	3.143	----	----	----	----	----	----	----	3.142
1034	2.690	61.48	----	3.139	----	----	----	----	----	----	----	3.139
1035	2.688	61.48	----	3.136	----	----	----	----	----	----	----	3.136
1036	2.686	61.48	----	3.133	----	----	----	----	----	----	----	3.133
1037	2.684	61.48	----	3.130	----	----	----	----	----	----	----	3.130
1038	2.682	61.48	----	3.127	----	----	----	----	----	----	----	3.127
1039	2.680	61.48	----	3.124	----	----	----	----	----	----	----	3.124
1040	2.678	61.48	----	3.121	----	----	----	----	----	----	----	3.121
1041	2.676	61.48	----	3.118	----	----	----	----	----	----	----	3.118
1042	2.673	61.48	----	3.115	----	----	----	----	----	----	----	3.115

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Hydrograph Discharge Table

Time (min)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
1043	2.671	61.48	----	3.112	----	----	----	----	----	----	----	3.112
1044	2.669	61.48	----	3.109	----	----	----	----	----	----	----	3.109
1045	2.667	61.48	----	3.106	----	----	----	----	----	----	----	3.106
1046	2.665	61.48	----	3.103	----	----	----	----	----	----	----	3.103
1047	2.663	61.48	----	3.100	----	----	----	----	----	----	----	3.100
1048	2.661	61.48	----	3.097	----	----	----	----	----	----	----	3.097
1049	2.659	61.48	----	3.094	----	----	----	----	----	----	----	3.094
1050	2.657	61.48	----	3.091	----	----	----	----	----	----	----	3.091
1051	2.654	61.48	----	3.088	----	----	----	----	----	----	----	3.088
1052	2.652	61.47	----	3.085	----	----	----	----	----	----	----	3.085
1053	2.650	61.47	----	3.082	----	----	----	----	----	----	----	3.082
1054	2.648	61.47	----	3.079	----	----	----	----	----	----	----	3.079
1055	2.646	61.47	----	3.076	----	----	----	----	----	----	----	3.076
1056	2.644	61.47	----	3.073	----	----	----	----	----	----	----	3.073
1057	2.642	61.47	----	3.070	----	----	----	----	----	----	----	3.070
1058	2.640	61.47	----	3.067	----	----	----	----	----	----	----	3.067
1059	2.637	61.47	----	3.064	----	----	----	----	----	----	----	3.064
1060	2.635	61.47	----	3.061	----	----	----	----	----	----	----	3.061
1061	2.633	61.47	----	3.058	----	----	----	----	----	----	----	3.058
1062	2.631	61.47	----	3.055	----	----	----	----	----	----	----	3.055
1063	2.629	61.47	----	3.052	----	----	----	----	----	----	----	3.052
1064	2.627	61.47	----	3.049	----	----	----	----	----	----	----	3.049
1065	2.625	61.47	----	3.046	----	----	----	----	----	----	----	3.046
1066	2.623	61.47	----	3.043	----	----	----	----	----	----	----	3.043
1067	2.620	61.47	----	3.040	----	----	----	----	----	----	----	3.040
1068	2.618	61.47	----	3.038	----	----	----	----	----	----	----	3.038
1069	2.616	61.47	----	3.035	----	----	----	----	----	----	----	3.035
1070	2.614	61.47	----	3.032	----	----	----	----	----	----	----	3.032
1071	2.612	61.47	----	3.029	----	----	----	----	----	----	----	3.029
1072	2.610	61.46	----	3.026	----	----	----	----	----	----	----	3.026
1073	2.608	61.46	----	3.023	----	----	----	----	----	----	----	3.023
1074	2.606	61.46	----	3.020	----	----	----	----	----	----	----	3.020
1075	2.603	61.46	----	3.017	----	----	----	----	----	----	----	3.017
1076	2.601	61.46	----	3.015	----	----	----	----	----	----	----	3.015
1077	2.599	61.46	----	3.012	----	----	----	----	----	----	----	3.012
1078	2.597	61.46	----	3.009	----	----	----	----	----	----	----	3.009
1079	2.595	61.46	----	3.006	----	----	----	----	----	----	----	3.006
1080	2.593	61.46	----	3.003	----	----	----	----	----	----	----	3.003
1081	2.591	61.46	----	3.000	----	----	----	----	----	----	----	3.000
1082	2.588	61.46	----	2.997	----	----	----	----	----	----	----	2.997
1083	2.586	61.46	----	2.995	----	----	----	----	----	----	----	2.995
1084	2.584	61.46	----	2.992	----	----	----	----	----	----	----	2.992
1085	2.582	61.46	----	2.989	----	----	----	----	----	----	----	2.989
1086	2.580	61.46	----	2.986	----	----	----	----	----	----	----	2.986
1087	2.578	61.46	----	2.983	----	----	----	----	----	----	----	2.983
1088	2.576	61.46	----	2.981	----	----	----	----	----	----	----	2.981
1089	2.574	61.46	----	2.978	----	----	----	----	----	----	----	2.978
1090	2.571	61.46	----	2.975	----	----	----	----	----	----	----	2.975
1091	2.569	61.46	----	2.972	----	----	----	----	----	----	----	2.972
1092	2.567	61.46	----	2.969	----	----	----	----	----	----	----	2.969
1093	2.565	61.45	----	2.967	----	----	----	----	----	----	----	2.967
1094	2.563	61.45	----	2.964	----	----	----	----	----	----	----	2.964
1095	2.561	61.45	----	2.961	----	----	----	----	----	----	----	2.961
1096	2.559	61.45	----	2.958	----	----	----	----	----	----	----	2.958
1097	2.556	61.45	----	2.956	----	----	----	----	----	----	----	2.956
1098	2.554	61.45	----	2.953	----	----	----	----	----	----	----	2.953

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Hydrograph Discharge Table

Time (min)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
1099	2.552	61.45	----	2.950	----	----	----	----	----	----	----	2.950
1100	2.550	61.45	----	2.947	----	----	----	----	----	----	----	2.947
1101	2.548	61.45	----	2.945	----	----	----	----	----	----	----	2.945
1102	2.546	61.45	----	2.942	----	----	----	----	----	----	----	2.942
1103	2.543	61.45	----	2.939	----	----	----	----	----	----	----	2.939
1104	2.541	61.45	----	2.936	----	----	----	----	----	----	----	2.936
1105	2.539	61.45	----	2.934	----	----	----	----	----	----	----	2.934
1106	2.537	61.45	----	2.931	----	----	----	----	----	----	----	2.931
1107	2.535	61.45	----	2.928	----	----	----	----	----	----	----	2.928
1108	2.533	61.45	----	2.926	----	----	----	----	----	----	----	2.926
1109	2.531	61.45	----	2.923	----	----	----	----	----	----	----	2.923
1110	2.528	61.45	----	2.920	----	----	----	----	----	----	----	2.920
1111	2.526	61.45	----	2.917	----	----	----	----	----	----	----	2.917
1112	2.524	61.45	----	2.915	----	----	----	----	----	----	----	2.915
1113	2.522	61.45	----	2.912	----	----	----	----	----	----	----	2.912
1114	2.520	61.44	----	2.909	----	----	----	----	----	----	----	2.909
1115	2.518	61.44	----	2.907	----	----	----	----	----	----	----	2.907
1116	2.515	61.44	----	2.904	----	----	----	----	----	----	----	2.904
1117	2.513	61.44	----	2.901	----	----	----	----	----	----	----	2.901
1118	2.511	61.44	----	2.899	----	----	----	----	----	----	----	2.899
1119	2.509	61.44	----	2.896	----	----	----	----	----	----	----	2.896
1120	2.507	61.44	----	2.893	----	----	----	----	----	----	----	2.893
1121	2.505	61.44	----	2.891	----	----	----	----	----	----	----	2.891
1122	2.503	61.44	----	2.888	----	----	----	----	----	----	----	2.888
1123	2.500	61.44	----	2.885	----	----	----	----	----	----	----	2.885
1124	2.498	61.44	----	2.883	----	----	----	----	----	----	----	2.883
1125	2.496	61.44	----	2.880	----	----	----	----	----	----	----	2.880
1126	2.494	61.44	----	2.877	----	----	----	----	----	----	----	2.877
1127	2.492	61.44	----	2.875	----	----	----	----	----	----	----	2.875
1128	2.490	61.44	----	2.872	----	----	----	----	----	----	----	2.872
1129	2.487	61.44	----	2.869	----	----	----	----	----	----	----	2.869
1130	2.485	61.44	----	2.867	----	----	----	----	----	----	----	2.867
1131	2.483	61.44	----	2.864	----	----	----	----	----	----	----	2.864
1132	2.481	61.44	----	2.861	----	----	----	----	----	----	----	2.861
1133	2.479	61.44	----	2.859	----	----	----	----	----	----	----	2.859
1134	2.477	61.44	----	2.856	----	----	----	----	----	----	----	2.856
1135	2.474	61.44	----	2.854	----	----	----	----	----	----	----	2.854
1136	2.472	61.44	----	2.851	----	----	----	----	----	----	----	2.851
1137	2.470	61.43	----	2.848	----	----	----	----	----	----	----	2.848
1138	2.468	61.43	----	2.846	----	----	----	----	----	----	----	2.846
1139	2.466	61.43	----	2.843	----	----	----	----	----	----	----	2.843
1140	2.464	61.43	----	2.840	----	----	----	----	----	----	----	2.840
1141	2.461	61.43	----	2.838	----	----	----	----	----	----	----	2.838
1142	2.459	61.43	----	2.835	----	----	----	----	----	----	----	2.835
1143	2.457	61.43	----	2.833	----	----	----	----	----	----	----	2.833
1144	2.455	61.43	----	2.830	----	----	----	----	----	----	----	2.830
1145	2.453	61.43	----	2.827	----	----	----	----	----	----	----	2.827
1146	2.451	61.43	----	2.825	----	----	----	----	----	----	----	2.825
1147	2.448	61.43	----	2.822	----	----	----	----	----	----	----	2.822
1148	2.446	61.43	----	2.820	----	----	----	----	----	----	----	2.820
1149	2.444	61.43	----	2.817	----	----	----	----	----	----	----	2.817
1150	2.442	61.43	----	2.815	----	----	----	----	----	----	----	2.815
1151	2.440	61.43	----	2.812	----	----	----	----	----	----	----	2.812
1152	2.437	61.43	----	2.809	----	----	----	----	----	----	----	2.809
1153	2.435	61.43	----	2.807	----	----	----	----	----	----	----	2.807
1154	2.433	61.43	----	2.804	----	----	----	----	----	----	----	2.804

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Hydrograph Discharge Table

Time (min)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
1155	2.431	61.43	----	2.802	----	----	----	----	----	----	----	2.802
1156	2.429	61.43	----	2.799	----	----	----	----	----	----	----	2.799
1157	2.427	61.43	----	2.797	----	----	----	----	----	----	----	2.797
1158	2.424	61.43	----	2.794	----	----	----	----	----	----	----	2.794
1159	2.422	61.43	----	2.791	----	----	----	----	----	----	----	2.792
1160	2.420	61.42	----	2.789	----	----	----	----	----	----	----	2.789
1161	2.418	61.42	----	2.786	----	----	----	----	----	----	----	2.786
1162	2.416	61.42	----	2.784	----	----	----	----	----	----	----	2.784
1163	2.414	61.42	----	2.781	----	----	----	----	----	----	----	2.781
1164	2.411	61.42	----	2.779	----	----	----	----	----	----	----	2.779
1165	2.409	61.42	----	2.776	----	----	----	----	----	----	----	2.776
1166	2.407	61.42	----	2.774	----	----	----	----	----	----	----	2.774
1167	2.405	61.42	----	2.771	----	----	----	----	----	----	----	2.771
1168	2.403	61.42	----	2.769	----	----	----	----	----	----	----	2.769
1169	2.400	61.42	----	2.766	----	----	----	----	----	----	----	2.766
1170	2.398	61.42	----	2.764	----	----	----	----	----	----	----	2.764
1171	2.396	61.42	----	2.761	----	----	----	----	----	----	----	2.761
1172	2.394	61.42	----	2.759	----	----	----	----	----	----	----	2.759
1173	2.392	61.42	----	2.756	----	----	----	----	----	----	----	2.756
1174	2.389	61.42	----	2.754	----	----	----	----	----	----	----	2.754
1175	2.387	61.42	----	2.751	----	----	----	----	----	----	----	2.751
1176	2.385	61.42	----	2.748	----	----	----	----	----	----	----	2.748
1177	2.383	61.42	----	2.746	----	----	----	----	----	----	----	2.746
1178	2.381	61.42	----	2.743	----	----	----	----	----	----	----	2.743
1179	2.379	61.42	----	2.741	----	----	----	----	----	----	----	2.741
1180	2.376	61.42	----	2.738	----	----	----	----	----	----	----	2.738
1181	2.374	61.42	----	2.736	----	----	----	----	----	----	----	2.736
1182	2.372	61.42	----	2.733	----	----	----	----	----	----	----	2.733
1183	2.370	61.41	----	2.731	----	----	----	----	----	----	----	2.731
1184	2.368	61.41	----	2.728	----	----	----	----	----	----	----	2.728
1185	2.365	61.41	----	2.726	----	----	----	----	----	----	----	2.726
1186	2.363	61.41	----	2.723	----	----	----	----	----	----	----	2.723
1187	2.361	61.41	----	2.721	----	----	----	----	----	----	----	2.721
1188	2.359	61.41	----	2.719	----	----	----	----	----	----	----	2.719
1189	2.357	61.41	----	2.716	----	----	----	----	----	----	----	2.716
1190	2.354	61.41	----	2.714	----	----	----	----	----	----	----	2.714
1191	2.352	61.41	----	2.711	----	----	----	----	----	----	----	2.711
1192	2.350	61.41	----	2.709	----	----	----	----	----	----	----	2.709
1193	2.348	61.41	----	2.706	----	----	----	----	----	----	----	2.706
1194	2.346	61.41	----	2.704	----	----	----	----	----	----	----	2.704
1195	2.343	61.41	----	2.701	----	----	----	----	----	----	----	2.701
1196	2.341	61.41	----	2.699	----	----	----	----	----	----	----	2.699
1197	2.339	61.41	----	2.696	----	----	----	----	----	----	----	2.696
1198	2.337	61.41	----	2.694	----	----	----	----	----	----	----	2.694
1199	2.335	61.41	----	2.691	----	----	----	----	----	----	----	2.691
1200	2.332	61.41	----	2.689	----	----	----	----	----	----	----	2.689
1201	2.330	61.41	----	2.686	----	----	----	----	----	----	----	2.686
1202	2.328	61.41	----	2.684	----	----	----	----	----	----	----	2.684
1203	2.326	61.41	----	2.681	----	----	----	----	----	----	----	2.681
1204	2.324	61.41	----	2.679	----	----	----	----	----	----	----	2.679
1205	2.321	61.41	----	2.677	----	----	----	----	----	----	----	2.677
1206	2.319	61.41	----	2.674	----	----	----	----	----	----	----	2.674
1207	2.317	61.40	----	2.672	----	----	----	----	----	----	----	2.672
1208	2.315	61.40	----	2.669	----	----	----	----	----	----	----	2.669
1209	2.313	61.40	----	2.667	----	----	----	----	----	----	----	2.667
1210	2.310	61.40	----	2.664	----	----	----	----	----	----	----	2.664

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Hydrograph Discharge Table

Time (min)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
1211	2.308	61.40	----	2.662	----	----	----	----	----	----	----	2.662
1212	2.306	61.40	----	2.659	----	----	----	----	----	----	----	2.659
1213	2.304	61.40	----	2.657	----	----	----	----	----	----	----	2.657
1214	2.302	61.40	----	2.655	----	----	----	----	----	----	----	2.655
1215	2.299	61.40	----	2.652	----	----	----	----	----	----	----	2.652
1216	2.297	61.40	----	2.650	----	----	----	----	----	----	----	2.650
1217	2.295	61.40	----	2.647	----	----	----	----	----	----	----	2.647
1218	2.293	61.40	----	2.645	----	----	----	----	----	----	----	2.645
1219	2.291	61.40	----	2.642	----	----	----	----	----	----	----	2.642
1220	2.288	61.40	----	2.639	----	----	----	----	----	----	----	2.639
1221	2.286	61.40	----	2.636	----	----	----	----	----	----	----	2.636
1222	2.284	61.40	----	2.633	----	----	----	----	----	----	----	2.633
1223	2.282	61.40	----	2.630	----	----	----	----	----	----	----	2.630
1224	2.280	61.40	----	2.627	----	----	----	----	----	----	----	2.627
1225	2.277	61.40	----	2.624	----	----	----	----	----	----	----	2.624
1226	2.275	61.40	----	2.620	----	----	----	----	----	----	----	2.620
1227	2.273	61.40	----	2.617	----	----	----	----	----	----	----	2.617
1228	2.271	61.40	----	2.614	----	----	----	----	----	----	----	2.614
1229	2.269	61.40	----	2.611	----	----	----	----	----	----	----	2.611
1230	2.266	61.40	----	2.608	----	----	----	----	----	----	----	2.608
1231	2.264	61.40	----	2.605	----	----	----	----	----	----	----	2.605
1232	2.262	61.39	----	2.602	----	----	----	----	----	----	----	2.602
1233	2.260	61.39	----	2.599	----	----	----	----	----	----	----	2.599
1234	2.257	61.39	----	2.596	----	----	----	----	----	----	----	2.596
1235	2.255	61.39	----	2.593	----	----	----	----	----	----	----	2.593
1236	2.253	61.39	----	2.590	----	----	----	----	----	----	----	2.590
1237	2.251	61.39	----	2.587	----	----	----	----	----	----	----	2.587
1238	2.249	61.39	----	2.584	----	----	----	----	----	----	----	2.584
1239	2.246	61.39	----	2.581	----	----	----	----	----	----	----	2.581
1240	2.244	61.39	----	2.578	----	----	----	----	----	----	----	2.578
1241	2.242	61.39	----	2.575	----	----	----	----	----	----	----	2.575
1242	2.240	61.39	----	2.572	----	----	----	----	----	----	----	2.572
1243	2.238	61.39	----	2.569	----	----	----	----	----	----	----	2.569
1244	2.235	61.39	----	2.566	----	----	----	----	----	----	----	2.566
1245	2.233	61.39	----	2.563	----	----	----	----	----	----	----	2.563
1246	2.231	61.39	----	2.560	----	----	----	----	----	----	----	2.560
1247	2.229	61.39	----	2.557	----	----	----	----	----	----	----	2.557
1248	2.226	61.39	----	2.554	----	----	----	----	----	----	----	2.554
1249	2.224	61.39	----	2.551	----	----	----	----	----	----	----	2.551
1250	2.222	61.39	----	2.548	----	----	----	----	----	----	----	2.548
1251	2.220	61.39	----	2.545	----	----	----	----	----	----	----	2.545
1252	2.218	61.39	----	2.542	----	----	----	----	----	----	----	2.542
1253	2.215	61.39	----	2.539	----	----	----	----	----	----	----	2.539
1254	2.213	61.39	----	2.536	----	----	----	----	----	----	----	2.536
1255	2.211	61.39	----	2.533	----	----	----	----	----	----	----	2.533
1256	2.209	61.39	----	2.531	----	----	----	----	----	----	----	2.530
1257	2.206	61.39	----	2.528	----	----	----	----	----	----	----	2.528
1258	2.204	61.38	----	2.525	----	----	----	----	----	----	----	2.525
1259	2.202	61.38	----	2.522	----	----	----	----	----	----	----	2.522
1260	2.200	61.38	----	2.519	----	----	----	----	----	----	----	2.519
1261	2.198	61.38	----	2.516	----	----	----	----	----	----	----	2.516
1262	2.195	61.38	----	2.513	----	----	----	----	----	----	----	2.513
1263	2.193	61.38	----	2.510	----	----	----	----	----	----	----	2.510
1264	2.191	61.38	----	2.508	----	----	----	----	----	----	----	2.507
1265	2.189	61.38	----	2.505	----	----	----	----	----	----	----	2.505
1266	2.186	61.38	----	2.502	----	----	----	----	----	----	----	2.502

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Hydrograph Discharge Table

Time (min)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
1267	2.184	61.38	----	2.499	----	----	----	----	----	----	----	2.499
1268	2.182	61.38	----	2.496	----	----	----	----	----	----	----	2.496
1269	2.180	61.38	----	2.493	----	----	----	----	----	----	----	2.493
1270	2.178	61.38	----	2.491	----	----	----	----	----	----	----	2.490
1271	2.175	61.38	----	2.488	----	----	----	----	----	----	----	2.488
1272	2.173	61.38	----	2.485	----	----	----	----	----	----	----	2.485
1273	2.171	61.38	----	2.482	----	----	----	----	----	----	----	2.482
1274	2.169	61.38	----	2.479	----	----	----	----	----	----	----	2.479
1275	2.166	61.38	----	2.476	----	----	----	----	----	----	----	2.476
1276	2.164	61.38	----	2.474	----	----	----	----	----	----	----	2.474
1277	2.162	61.38	----	2.471	----	----	----	----	----	----	----	2.471
1278	2.160	61.38	----	2.468	----	----	----	----	----	----	----	2.468
1279	2.157	61.38	----	2.465	----	----	----	----	----	----	----	2.465
1280	2.155	61.38	----	2.463	----	----	----	----	----	----	----	2.463
1281	2.153	61.38	----	2.460	----	----	----	----	----	----	----	2.460
1282	2.151	61.38	----	2.457	----	----	----	----	----	----	----	2.457
1283	2.149	61.38	----	2.454	----	----	----	----	----	----	----	2.454
1284	2.146	61.38	----	2.452	----	----	----	----	----	----	----	2.452
1285	2.144	61.38	----	2.449	----	----	----	----	----	----	----	2.449
1286	2.142	61.37	----	2.446	----	----	----	----	----	----	----	2.446
1287	2.140	61.37	----	2.443	----	----	----	----	----	----	----	2.443
1288	2.137	61.37	----	2.441	----	----	----	----	----	----	----	2.441
1289	2.135	61.37	----	2.438	----	----	----	----	----	----	----	2.438
1290	2.133	61.37	----	2.435	----	----	----	----	----	----	----	2.435
1291	2.131	61.37	----	2.432	----	----	----	----	----	----	----	2.432
1292	2.128	61.37	----	2.430	----	----	----	----	----	----	----	2.430
1293	2.126	61.37	----	2.427	----	----	----	----	----	----	----	2.427
1294	2.124	61.37	----	2.424	----	----	----	----	----	----	----	2.424
1295	2.122	61.37	----	2.422	----	----	----	----	----	----	----	2.422
1296	2.120	61.37	----	2.419	----	----	----	----	----	----	----	2.419
1297	2.117	61.37	----	2.416	----	----	----	----	----	----	----	2.416
1298	2.115	61.37	----	2.413	----	----	----	----	----	----	----	2.413
1299	2.113	61.37	----	2.411	----	----	----	----	----	----	----	2.411
1300	2.111	61.37	----	2.408	----	----	----	----	----	----	----	2.408
1301	2.108	61.37	----	2.405	----	----	----	----	----	----	----	2.405
1302	2.106	61.37	----	2.403	----	----	----	----	----	----	----	2.403
1303	2.104	61.37	----	2.400	----	----	----	----	----	----	----	2.400
1304	2.102	61.37	----	2.397	----	----	----	----	----	----	----	2.397
1305	2.099	61.37	----	2.395	----	----	----	----	----	----	----	2.395
1306	2.097	61.37	----	2.392	----	----	----	----	----	----	----	2.392
1307	2.095	61.37	----	2.389	----	----	----	----	----	----	----	2.389
1308	2.093	61.37	----	2.387	----	----	----	----	----	----	----	2.387
1309	2.090	61.37	----	2.384	----	----	----	----	----	----	----	2.384
1310	2.088	61.37	----	2.382	----	----	----	----	----	----	----	2.382
1311	2.086	61.37	----	2.379	----	----	----	----	----	----	----	2.379
1312	2.084	61.37	----	2.376	----	----	----	----	----	----	----	2.376
1313	2.081	61.37	----	2.374	----	----	----	----	----	----	----	2.374
1314	2.079	61.36	----	2.371	----	----	----	----	----	----	----	2.371
1315	2.077	61.36	----	2.368	----	----	----	----	----	----	----	2.368
1316	2.075	61.36	----	2.366	----	----	----	----	----	----	----	2.366
1317	2.072	61.36	----	2.363	----	----	----	----	----	----	----	2.363
1318	2.070	61.36	----	2.360	----	----	----	----	----	----	----	2.360
1319	2.068	61.36	----	2.358	----	----	----	----	----	----	----	2.358
1320	2.066	61.36	----	2.355	----	----	----	----	----	----	----	2.355
1321	2.063	61.36	----	2.353	----	----	----	----	----	----	----	2.353
1322	2.061	61.36	----	2.350	----	----	----	----	----	----	----	2.350

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Hydrograph Discharge Table

Time (min)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
1323	2.059	61.36	----	2.347	----	----	----	----	----	----	----	2.347
1324	2.057	61.36	----	2.345	----	----	----	----	----	----	----	2.345
1325	2.055	61.36	----	2.342	----	----	----	----	----	----	----	2.342
1326	2.052	61.36	----	2.340	----	----	----	----	----	----	----	2.340
1327	2.050	61.36	----	2.337	----	----	----	----	----	----	----	2.337
1328	2.048	61.36	----	2.335	----	----	----	----	----	----	----	2.335
1329	2.046	61.36	----	2.332	----	----	----	----	----	----	----	2.332
1330	2.043	61.36	----	2.329	----	----	----	----	----	----	----	2.329
1331	2.041	61.36	----	2.327	----	----	----	----	----	----	----	2.327
1332	2.039	61.36	----	2.324	----	----	----	----	----	----	----	2.324
1333	2.037	61.36	----	2.322	----	----	----	----	----	----	----	2.322
1334	2.034	61.36	----	2.319	----	----	----	----	----	----	----	2.319
1335	2.032	61.36	----	2.316	----	----	----	----	----	----	----	2.317
1336	2.030	61.36	----	2.314	----	----	----	----	----	----	----	2.314
1337	2.028	61.36	----	2.311	----	----	----	----	----	----	----	2.311
1338	2.025	61.36	----	2.309	----	----	----	----	----	----	----	2.309
1339	2.023	61.36	----	2.306	----	----	----	----	----	----	----	2.306
1340	2.021	61.36	----	2.304	----	----	----	----	----	----	----	2.304
1341	2.019	61.36	----	2.301	----	----	----	----	----	----	----	2.301
1342	2.016	61.36	----	2.299	----	----	----	----	----	----	----	2.299
1343	2.014	61.36	----	2.296	----	----	----	----	----	----	----	2.296
1344	2.012	61.35	----	2.294	----	----	----	----	----	----	----	2.294
1345	2.010	61.35	----	2.291	----	----	----	----	----	----	----	2.291
1346	2.007	61.35	----	2.288	----	----	----	----	----	----	----	2.288
1347	2.005	61.35	----	2.286	----	----	----	----	----	----	----	2.286
1348	2.003	61.35	----	2.283	----	----	----	----	----	----	----	2.283
1349	2.001	61.35	----	2.281	----	----	----	----	----	----	----	2.281
1350	1.998	61.35	----	2.278	----	----	----	----	----	----	----	2.278
1351	1.996	61.35	----	2.276	----	----	----	----	----	----	----	2.276
1352	1.994	61.35	----	2.273	----	----	----	----	----	----	----	2.273
1353	1.992	61.35	----	2.271	----	----	----	----	----	----	----	2.271
1354	1.989	61.35	----	2.268	----	----	----	----	----	----	----	2.268
1355	1.987	61.35	----	2.266	----	----	----	----	----	----	----	2.266
1356	1.985	61.35	----	2.263	----	----	----	----	----	----	----	2.263
1357	1.982	61.35	----	2.261	----	----	----	----	----	----	----	2.261
1358	1.980	61.35	----	2.258	----	----	----	----	----	----	----	2.258
1359	1.978	61.35	----	2.256	----	----	----	----	----	----	----	2.256
1360	1.976	61.35	----	2.253	----	----	----	----	----	----	----	2.253
1361	1.973	61.35	----	2.251	----	----	----	----	----	----	----	2.251
1362	1.971	61.35	----	2.248	----	----	----	----	----	----	----	2.248
1363	1.969	61.35	----	2.246	----	----	----	----	----	----	----	2.246
1364	1.967	61.35	----	2.243	----	----	----	----	----	----	----	2.243
1365	1.964	61.35	----	2.241	----	----	----	----	----	----	----	2.241
1366	1.962	61.35	----	2.238	----	----	----	----	----	----	----	2.238
1367	1.960	61.35	----	2.236	----	----	----	----	----	----	----	2.236
1368	1.958	61.35	----	2.233	----	----	----	----	----	----	----	2.233
1369	1.955	61.35	----	2.231	----	----	----	----	----	----	----	2.231
1370	1.953	61.35	----	2.228	----	----	----	----	----	----	----	2.228
1371	1.951	61.35	----	2.226	----	----	----	----	----	----	----	2.226
1372	1.949	61.35	----	2.223	----	----	----	----	----	----	----	2.223
1373	1.946	61.35	----	2.221	----	----	----	----	----	----	----	2.221
1374	1.944	61.35	----	2.218	----	----	----	----	----	----	----	2.218
1375	1.942	61.34	----	2.216	----	----	----	----	----	----	----	2.216
1376	1.940	61.34	----	2.214	----	----	----	----	----	----	----	2.214
1377	1.937	61.34	----	2.211	----	----	----	----	----	----	----	2.211
1378	1.935	61.34	----	2.209	----	----	----	----	----	----	----	2.209

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Hydrograph Discharge Table

Time (min)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
1379	1.933	61.34	----	2.206	----	----	----	----	----	----	----	2.206
1380	1.931	61.34	----	2.204	----	----	----	----	----	----	----	2.204
1381	1.928	61.34	----	2.201	----	----	----	----	----	----	----	2.201
1382	1.926	61.34	----	2.199	----	----	----	----	----	----	----	2.199
1383	1.924	61.34	----	2.196	----	----	----	----	----	----	----	2.196
1384	1.921	61.34	----	2.194	----	----	----	----	----	----	----	2.194
1385	1.919	61.34	----	2.191	----	----	----	----	----	----	----	2.191
1386	1.917	61.34	----	2.189	----	----	----	----	----	----	----	2.189
1387	1.915	61.34	----	2.187	----	----	----	----	----	----	----	2.187
1388	1.912	61.34	----	2.184	----	----	----	----	----	----	----	2.184
1389	1.910	61.34	----	2.182	----	----	----	----	----	----	----	2.182
1390	1.908	61.34	----	2.179	----	----	----	----	----	----	----	2.179
1391	1.906	61.34	----	2.177	----	----	----	----	----	----	----	2.177
1392	1.903	61.34	----	2.174	----	----	----	----	----	----	----	2.174
1393	1.901	61.34	----	2.172	----	----	----	----	----	----	----	2.172
1394	1.899	61.34	----	2.169	----	----	----	----	----	----	----	2.169
1395	1.897	61.34	----	2.167	----	----	----	----	----	----	----	2.167
1396	1.894	61.34	----	2.165	----	----	----	----	----	----	----	2.165
1397	1.892	61.34	----	2.162	----	----	----	----	----	----	----	2.162
1398	1.890	61.34	----	2.160	----	----	----	----	----	----	----	2.160
1399	1.888	61.34	----	2.157	----	----	----	----	----	----	----	2.157
1400	1.885	61.34	----	2.155	----	----	----	----	----	----	----	2.155
1401	1.883	61.34	----	2.152	----	----	----	----	----	----	----	2.152
1402	1.881	61.34	----	2.150	----	----	----	----	----	----	----	2.150
1403	1.878	61.34	----	2.148	----	----	----	----	----	----	----	2.148
1404	1.876	61.34	----	2.145	----	----	----	----	----	----	----	2.145
1405	1.874	61.34	----	2.143	----	----	----	----	----	----	----	2.143
1406	1.872	61.34	----	2.140	----	----	----	----	----	----	----	2.140
1407	1.869	61.33	----	2.138	----	----	----	----	----	----	----	2.138
1408	1.867	61.33	----	2.135	----	----	----	----	----	----	----	2.135
1409	1.865	61.33	----	2.133	----	----	----	----	----	----	----	2.133
1410	1.863	61.33	----	2.131	----	----	----	----	----	----	----	2.131
1411	1.860	61.33	----	2.128	----	----	----	----	----	----	----	2.128
1412	1.858	61.33	----	2.126	----	----	----	----	----	----	----	2.126
1413	1.856	61.33	----	2.123	----	----	----	----	----	----	----	2.123
1414	1.853	61.33	----	2.121	----	----	----	----	----	----	----	2.121
1415	1.851	61.33	----	2.119	----	----	----	----	----	----	----	2.119
1416	1.849	61.33	----	2.116	----	----	----	----	----	----	----	2.116
1417	1.847	61.33	----	2.114	----	----	----	----	----	----	----	2.114
1418	1.844	61.33	----	2.111	----	----	----	----	----	----	----	2.111
1419	1.842	61.33	----	2.109	----	----	----	----	----	----	----	2.109
1420	1.840	61.33	----	2.107	----	----	----	----	----	----	----	2.107
1421	1.838	61.33	----	2.104	----	----	----	----	----	----	----	2.104
1422	1.835	61.33	----	2.102	----	----	----	----	----	----	----	2.102
1423	1.833	61.33	----	2.099	----	----	----	----	----	----	----	2.099
1424	1.831	61.33	----	2.097	----	----	----	----	----	----	----	2.097
1425	1.828	61.33	----	2.095	----	----	----	----	----	----	----	2.095
1426	1.826	61.33	----	2.092	----	----	----	----	----	----	----	2.092
1427	1.824	61.33	----	2.090	----	----	----	----	----	----	----	2.090
1428	1.822	61.33	----	2.087	----	----	----	----	----	----	----	2.087
1429	1.819	61.33	----	2.085	----	----	----	----	----	----	----	2.085
1430	1.817	61.33	----	2.083	----	----	----	----	----	----	----	2.083
1431	1.815	61.33	----	2.080	----	----	----	----	----	----	----	2.080
1432	1.813	61.33	----	2.078	----	----	----	----	----	----	----	2.078
1433	1.810	61.33	----	2.075	----	----	----	----	----	----	----	2.075
1434	1.808	61.33	----	2.073	----	----	----	----	----	----	----	2.073

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Hydrograph Discharge Table

Time (min)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
1435	1.806	61.33	----	2.071	----	----	----	----	----	----	----	2.071
1436	1.803	61.33	----	2.068	----	----	----	----	----	----	----	2.068
1437	1.801	61.33	----	2.066	----	----	----	----	----	----	----	2.066
1438	1.799	61.33	----	2.063	----	----	----	----	----	----	----	2.063
1439	1.797	61.32	----	2.061	----	----	----	----	----	----	----	2.061
1440	1.794	61.32	----	2.059	----	----	----	----	----	----	----	2.059
1441	1.790	61.32	----	2.056	----	----	----	----	----	----	----	2.056
1442	1.783	61.32	----	2.054	----	----	----	----	----	----	----	2.054
1443	1.773	61.32	----	2.051	----	----	----	----	----	----	----	2.051
1444	1.761	61.32	----	2.049	----	----	----	----	----	----	----	2.049
1445	1.747	61.32	----	2.046	----	----	----	----	----	----	----	2.046
1446	1.730	61.32	----	2.043	----	----	----	----	----	----	----	2.043
1447	1.711	61.32	----	2.041	----	----	----	----	----	----	----	2.041
1448	1.689	61.32	----	2.038	----	----	----	----	----	----	----	2.038
1449	1.665	61.32	----	2.034	----	----	----	----	----	----	----	2.034
1450	1.639	61.32	----	2.031	----	----	----	----	----	----	----	2.031
1451	1.610	61.32	----	2.027	----	----	----	----	----	----	----	2.027
1452	1.579	61.32	----	2.023	----	----	----	----	----	----	----	2.023
1453	1.546	61.32	----	2.019	----	----	----	----	----	----	----	2.019
1454	1.510	61.32	----	2.015	----	----	----	----	----	----	----	2.015
1455	1.472	61.32	----	2.010	----	----	----	----	----	----	----	2.010
1456	1.431	61.32	----	2.005	----	----	----	----	----	----	----	2.005
1457	1.388	61.32	----	2.000	----	----	----	----	----	----	----	2.000
1458	1.343	61.32	----	1.994	----	----	----	----	----	----	----	1.994
1459	1.295	61.32	----	1.988	----	----	----	----	----	----	----	1.988
1460	1.245	61.31	----	1.982	----	----	----	----	----	----	----	1.982
1461	1.193	61.31	----	1.975	----	----	----	----	----	----	----	1.975
1462	1.142	61.31	----	1.968	----	----	----	----	----	----	----	1.968
1463	1.091	61.31	----	1.960	----	----	----	----	----	----	----	1.960
1464	1.042	61.31	----	1.952	----	----	----	----	----	----	----	1.952
1465	0.995	61.31	----	1.944	----	----	----	----	----	----	----	1.944
1466	0.948	61.31	----	1.935	----	----	----	----	----	----	----	1.935
1467	0.902	61.31	----	1.926	----	----	----	----	----	----	----	1.926
1468	0.858	61.31	----	1.916	----	----	----	----	----	----	----	1.916
1469	0.815	61.30	----	1.907	----	----	----	----	----	----	----	1.907
1470	0.773	61.30	----	1.897	----	----	----	----	----	----	----	1.897
1471	0.732	61.30	----	1.886	----	----	----	----	----	----	----	1.886
1472	0.692	61.30	----	1.876	----	----	----	----	----	----	----	1.876
1473	0.653	61.30	----	1.861	----	----	----	----	----	----	----	1.861
1474	0.616	61.30	----	1.834	----	----	----	----	----	----	----	1.834
1475	0.579	61.30	----	1.808	----	----	----	----	----	----	----	1.808
1476	0.544	61.30	----	1.781	----	----	----	----	----	----	----	1.781
1477	0.510	61.29	----	1.754	----	----	----	----	----	----	----	1.754
1478	0.476	61.29	----	1.727	----	----	----	----	----	----	----	1.727
1479	0.445	61.29	----	1.700	----	----	----	----	----	----	----	1.700
1480	0.414	61.29	----	1.672	----	----	----	----	----	----	----	1.672
1481	0.384	61.29	----	1.645	----	----	----	----	----	----	----	1.645
1482	0.355	61.29	----	1.617	----	----	----	----	----	----	----	1.617
1483	0.328	61.29	----	1.590	----	----	----	----	----	----	----	1.590
1484	0.302	61.28	----	1.563	----	----	----	----	----	----	----	1.563
1485	0.276	61.28	----	1.535	----	----	----	----	----	----	----	1.535
1486	0.252	61.28	----	1.508	----	----	----	----	----	----	----	1.508
1487	0.229	61.28	----	1.481	----	----	----	----	----	----	----	1.481
1488	0.207	61.28	----	1.454	----	----	----	----	----	----	----	1.453
1489	0.186	61.28	----	1.426	----	----	----	----	----	----	----	1.426
1490	0.167	61.27	----	1.400	----	----	----	----	----	----	----	1.400

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Hydrograph Discharge Table

Time (min)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
1491	0.148	61.27	----	1.373	----	----	----	----	----	----	----	1.373
1492	0.131	61.27	----	1.346	----	----	----	----	----	----	----	1.346
1493	0.114	61.27	----	1.320	----	----	----	----	----	----	----	1.320
1494	0.099	61.27	----	1.294	----	----	----	----	----	----	----	1.294
1495	0.085	61.27	----	1.268	----	----	----	----	----	----	----	1.268
1496	0.072	61.27	----	1.242	----	----	----	----	----	----	----	1.242
1497	0.060	61.27	----	1.217	----	----	----	----	----	----	----	1.217
1498	0.049	61.26	----	1.192	----	----	----	----	----	----	----	1.192
1499	0.039	61.26	----	1.167	----	----	----	----	----	----	----	1.167
1500	0.030	61.26	----	1.143	----	----	----	----	----	----	----	1.143
1501	0.023	61.26	----	1.119	----	----	----	----	----	----	----	1.119
1502	0.016	61.26	----	1.095	----	----	----	----	----	----	----	1.095
1503	0.011	61.26	----	1.072	----	----	----	----	----	----	----	1.072
1504	0.006	61.26	----	1.049	----	----	----	----	----	----	----	1.049
1505	0.003	61.25	----	1.027	----	----	----	----	----	----	----	1.027
1506	0.001	61.25	----	1.005	----	----	----	----	----	----	----	1.005
1507	0.000	61.25	----	0.983	----	----	----	----	----	----	----	0.983
1508	0.000	61.25	----	0.962	----	----	----	----	----	----	----	0.962
1509	0.000	61.25	----	0.941	----	----	----	----	----	----	----	0.941
1510	0.000	61.25	----	0.921	----	----	----	----	----	----	----	0.921
1511	0.000	61.25	----	0.901	----	----	----	----	----	----	----	0.901
1512	0.000	61.25	----	0.882	----	----	----	----	----	----	----	0.882
1513	0.000	61.25	----	0.863	----	----	----	----	----	----	----	0.863
1514	0.000	61.25	----	0.844	----	----	----	----	----	----	----	0.844
1515	0.000	61.24	----	0.826	----	----	----	----	----	----	----	0.826
1516	0.000	61.24	----	0.808	----	----	----	----	----	----	----	0.808
1517	0.000	61.24	----	0.791	----	----	----	----	----	----	----	0.791
1518	0.000	61.24	----	0.774	----	----	----	----	----	----	----	0.774
1519	0.000	61.24	----	0.757	----	----	----	----	----	----	----	0.757
1520	0.000	61.24	----	0.741	----	----	----	----	----	----	----	0.741
1521	0.000	61.24	----	0.725	----	----	----	----	----	----	----	0.725
1522	0.000	61.24	----	0.710	----	----	----	----	----	----	----	0.710
1523	0.000	61.24	----	0.694	----	----	----	----	----	----	----	0.694
1524	0.000	61.24	----	0.679	----	----	----	----	----	----	----	0.679
1525	0.000	61.24	----	0.665	----	----	----	----	----	----	----	0.665
1526	0.000	61.23	----	0.650	----	----	----	----	----	----	----	0.650
1527	0.000	61.23	----	0.636	----	----	----	----	----	----	----	0.636
1528	0.000	61.23	----	0.623	----	----	----	----	----	----	----	0.623
1529	0.000	61.23	----	0.609	----	----	----	----	----	----	----	0.609
1530	0.000	61.23	----	0.596	----	----	----	----	----	----	----	0.596
1531	0.000	61.23	----	0.583	----	----	----	----	----	----	----	0.583
1532	0.000	61.23	----	0.571	----	----	----	----	----	----	----	0.571
1533	0.000	61.23	----	0.559	----	----	----	----	----	----	----	0.559
1534	0.000	61.23	----	0.547	----	----	----	----	----	----	----	0.547
1535	0.000	61.23	----	0.535	----	----	----	----	----	----	----	0.535
1536	0.000	61.23	----	0.523	----	----	----	----	----	----	----	0.523
1537	0.000	61.23	----	0.512	----	----	----	----	----	----	----	0.512
1538	0.000	61.23	----	0.501	----	----	----	----	----	----	----	0.501
1539	0.000	61.23	----	0.490	----	----	----	----	----	----	----	0.490
1540	0.000	61.23	----	0.480	----	----	----	----	----	----	----	0.480
1541	0.000	61.23	----	0.469	----	----	----	----	----	----	----	0.469
1542	0.000	61.22	----	0.459	----	----	----	----	----	----	----	0.459
1543	0.000	61.22	----	0.449	----	----	----	----	----	----	----	0.449
1544	0.000	61.22	----	0.440	----	----	----	----	----	----	----	0.440
1545	0.000	61.22	----	0.430	----	----	----	----	----	----	----	0.430
1546	0.000	61.22	----	0.421	----	----	----	----	----	----	----	0.421

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Hydrograph Discharge Table

Time (min)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
1547	0.000	61.22	----	0.412	----	----	----	----	----	----	----	0.412
1548	0.000	61.22	----	0.403	----	----	----	----	----	----	----	0.403
1549	0.000	61.22	----	0.394	----	----	----	----	----	----	----	0.394
1550	0.000	61.22	----	0.386	----	----	----	----	----	----	----	0.386
1551	0.000	61.22	----	0.378	----	----	----	----	----	----	----	0.378
1552	0.000	61.22	----	0.370	----	----	----	----	----	----	----	0.370
1553	0.000	61.22	----	0.362	----	----	----	----	----	----	----	0.362
1554	0.000	61.22	----	0.354	----	----	----	----	----	----	----	0.354
1555	0.000	61.22	----	0.346	----	----	----	----	----	----	----	0.346
1556	0.000	61.22	----	0.339	----	----	----	----	----	----	----	0.339
1557	0.000	61.22	----	0.331	----	----	----	----	----	----	----	0.332
1558	0.000	61.22	----	0.324	----	----	----	----	----	----	----	0.324
1559	0.000	61.22	----	0.317	----	----	----	----	----	----	----	0.317
1560	0.000	61.22	----	0.311	----	----	----	----	----	----	----	0.311
1561	0.000	61.22	----	0.304	----	----	----	----	----	----	----	0.304
1562	0.000	61.22	----	0.297	----	----	----	----	----	----	----	0.297
1563	0.000	61.22	----	0.291	----	----	----	----	----	----	----	0.291
1564	0.000	61.22	----	0.285	----	----	----	----	----	----	----	0.285
1565	0.000	61.21	----	0.279	----	----	----	----	----	----	----	0.279
1566	0.000	61.21	----	0.273	----	----	----	----	----	----	----	0.273
1567	0.000	61.21	----	0.267	----	----	----	----	----	----	----	0.267
1568	0.000	61.21	----	0.261	----	----	----	----	----	----	----	0.261
1569	0.000	61.21	----	0.255	----	----	----	----	----	----	----	0.255
1570	0.000	61.21	----	0.250	----	----	----	----	----	----	----	0.250
1571	0.000	61.21	----	0.245	----	----	----	----	----	----	----	0.245
1572	0.000	61.21	----	0.239	----	----	----	----	----	----	----	0.239
1573	0.000	61.21	----	0.234	----	----	----	----	----	----	----	0.234
1574	0.000	61.21	----	0.229	----	----	----	----	----	----	----	0.229
1575	0.000	61.21	----	0.224	----	----	----	----	----	----	----	0.224
1576	0.000	61.21	----	0.219	----	----	----	----	----	----	----	0.219
1577	0.000	61.21	----	0.215	----	----	----	----	----	----	----	0.215
1578	0.000	61.21	----	0.210	----	----	----	----	----	----	----	0.210
1579	0.000	61.21	----	0.205	----	----	----	----	----	----	----	0.205
1580	0.000	61.21	----	0.201	----	----	----	----	----	----	----	0.201
1581	0.000	61.21	----	0.197	----	----	----	----	----	----	----	0.197
1582	0.000	61.21	----	0.193	----	----	----	----	----	----	----	0.192
1583	0.000	61.21	----	0.188	----	----	----	----	----	----	----	0.188
1584	0.000	61.21	----	0.184	----	----	----	----	----	----	----	0.184
1585	0.000	61.21	----	0.180	----	----	----	----	----	----	----	0.180
1586	0.000	61.21	----	0.176	----	----	----	----	----	----	----	0.176
1587	0.000	61.21	----	0.173	----	----	----	----	----	----	----	0.173
1588	0.000	61.21	----	0.169	----	----	----	----	----	----	----	0.169
1589	0.000	61.21	----	0.165	----	----	----	----	----	----	----	0.165
1590	0.000	61.21	----	0.162	----	----	----	----	----	----	----	0.162
1591	0.000	61.21	----	0.158	----	----	----	----	----	----	----	0.158
1592	0.000	61.21	----	0.155	----	----	----	----	----	----	----	0.155
1593	0.000	61.21	----	0.152	----	----	----	----	----	----	----	0.152
1594	0.000	61.21	----	0.148	----	----	----	----	----	----	----	0.148
1595	0.000	61.21	----	0.145	----	----	----	----	----	----	----	0.145
1596	0.000	61.21	----	0.142	----	----	----	----	----	----	----	0.142
1597	0.000	61.21	----	0.139	----	----	----	----	----	----	----	0.139
1598	0.000	61.21	----	0.136	----	----	----	----	----	----	----	0.136
1599	0.000	61.21	----	0.133	----	----	----	----	----	----	----	0.133
1600	0.000	61.21	----	0.130	----	----	----	----	----	----	----	0.130
1601	0.000	61.21	----	0.127	----	----	----	----	----	----	----	0.127
1602	0.000	61.21	----	0.125	----	----	----	----	----	----	----	0.125

Continues on next page...

Hydrograph Discharge Table

Time (min)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
1603	0.000	61.21	----	0.122	----	----	----	----	----	----	----	0.122
1604	0.000	61.21	----	0.119	----	----	----	----	----	----	----	0.119
1605	0.000	61.21	----	0.117	----	----	----	----	----	----	----	0.117
1606	0.000	61.21	----	0.114	----	----	----	----	----	----	----	0.114
1607	0.000	61.21	----	0.112	----	----	----	----	----	----	----	0.112
1608	0.000	61.21	----	0.109	----	----	----	----	----	----	----	0.109
1609	0.000	61.21	----	0.107	----	----	----	----	----	----	----	0.107
1610	0.000	61.21	----	0.105	----	----	----	----	----	----	----	0.105
1611	0.000	61.21	----	0.102	----	----	----	----	----	----	----	0.102
1612	0.000	61.21	----	0.100	----	----	----	----	----	----	----	0.100
1613	0.000	61.21	----	0.098	----	----	----	----	----	----	----	0.098
1614	0.000	61.21	----	0.096	----	----	----	----	----	----	----	0.096
1615	0.000	61.21	----	0.094	----	----	----	----	----	----	----	0.094
1616	0.000	61.20	----	0.092	----	----	----	----	----	----	----	0.092
1617	0.000	61.20	----	0.090	----	----	----	----	----	----	----	0.090
1618	0.000	61.20	----	0.088	----	----	----	----	----	----	----	0.088
1619	0.000	61.20	----	0.086	----	----	----	----	----	----	----	0.086
1620	0.000	61.20	----	0.084	----	----	----	----	----	----	----	0.084
1621	0.000	61.20	----	0.082	----	----	----	----	----	----	----	0.082
1622	0.000	61.20	----	0.081	----	----	----	----	----	----	----	0.081
1623	0.000	61.20	----	0.079	----	----	----	----	----	----	----	0.079
1624	0.000	61.20	----	0.077	----	----	----	----	----	----	----	0.077
1625	0.000	61.20	----	0.076	----	----	----	----	----	----	----	0.076
1626	0.000	61.20	----	0.074	----	----	----	----	----	----	----	0.074
1627	0.000	61.20	----	0.072	----	----	----	----	----	----	----	0.072
1628	0.000	61.20	----	0.071	----	----	----	----	----	----	----	0.071
1629	0.000	61.20	----	0.069	----	----	----	----	----	----	----	0.069
1630	0.000	61.20	----	0.068	----	----	----	----	----	----	----	0.068
1631	0.000	61.20	----	0.066	----	----	----	----	----	----	----	0.066
1632	0.000	61.20	----	0.065	----	----	----	----	----	----	----	0.065
1633	0.000	61.20	----	0.064	----	----	----	----	----	----	----	0.064
1634	0.000	61.20	----	0.062	----	----	----	----	----	----	----	0.062
1635	0.000	61.20	----	0.061	----	----	----	----	----	----	----	0.061
1636	0.000	61.20	----	0.060	----	----	----	----	----	----	----	0.060
1637	0.000	61.20	----	0.058	----	----	----	----	----	----	----	0.058
1638	0.000	61.20	----	0.057	----	----	----	----	----	----	----	0.057
1639	0.000	61.20	----	0.056	----	----	----	----	----	----	----	0.056
1640	0.000	61.20	----	0.055	----	----	----	----	----	----	----	0.055
1641	0.000	61.20	----	0.053	----	----	----	----	----	----	----	0.053
1642	0.000	61.20	----	0.052	----	----	----	----	----	----	----	0.052
1643	0.000	61.20	----	0.051	----	----	----	----	----	----	----	0.051
1644	0.000	61.20	----	0.050	----	----	----	----	----	----	----	0.050
1645	0.000	61.20	----	0.049	----	----	----	----	----	----	----	0.049
1646	0.000	61.20	----	0.048	----	----	----	----	----	----	----	0.048
1647	0.000	61.20	----	0.047	----	----	----	----	----	----	----	0.047
1648	0.000	61.20	----	0.046	----	----	----	----	----	----	----	0.046
1649	0.000	61.20	----	0.045	----	----	----	----	----	----	----	0.045

...End

Hydrograph Report

Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2009 by Autodesk, Inc. v6.066

Thursday, Jul 2, 2009

Hyd. No. 1

Developed site storm event

Hydrograph type	=	SCS Runoff	Peak discharge	=	23.03 cfs
Storm frequency	=	100 yrs	Time to peak	=	495 min
Time interval	=	1 min	Hyd. volume	=	397,003 cuft
Drainage area	=	25.500 ac	Curve number	=	91
Basin Slope	=	0.0 %	Hydraulic length	=	0 ft
Tc method	=	TR55	Time of conc. (Tc)	=	34.0 min
Total precip.	=	5.30 in	Distribution	=	Type IA
Storm duration	=	24 hrs	Shape factor	=	400

Hydrograph Discharge Table

(Printed values >= 1.00% of Qp.)

Time -- Outflow (min cfs)	Time -- Outflow (min cfs)	Time -- Outflow (min cfs)	Time -- Outflow (min cfs)
133 0.243	172 0.955	211 1.536	250 2.213
134 0.258	173 0.972	212 1.549	251 2.232
135 0.274	174 0.990	213 1.564	252 2.250
136 0.290	175 1.007	214 1.578	253 2.268
137 0.306	176 1.024	215 1.592	254 2.286
138 0.323	177 1.041	216 1.607	255 2.304
139 0.340	178 1.057	217 1.622	256 2.322
140 0.358	179 1.074	218 1.637	257 2.340
141 0.375	180 1.090	219 1.653	258 2.357
142 0.393	181 1.107	220 1.668	259 2.375
143 0.411	182 1.123	221 1.684	260 2.392
144 0.429	183 1.139	222 1.700	261 2.409
145 0.448	184 1.155	223 1.717	262 2.427
146 0.467	185 1.170	224 1.733	263 2.444
147 0.485	186 1.186	225 1.750	264 2.461
148 0.504	187 1.201	226 1.767	265 2.478
149 0.523	188 1.216	227 1.784	266 2.495
150 0.543	189 1.231	228 1.802	267 2.512
151 0.562	190 1.246	229 1.820	268 2.529
152 0.581	191 1.260	230 1.838	269 2.547
153 0.600	192 1.275	231 1.856	270 2.564
154 0.620	193 1.289	232 1.874	271 2.581
155 0.639	194 1.304	233 1.893	272 2.598
156 0.659	195 1.318	234 1.912	273 2.616
157 0.678	196 1.332	235 1.930	274 2.633
158 0.697	197 1.345	236 1.949	275 2.650
159 0.716	198 1.359	237 1.968	276 2.668
160 0.736	199 1.373	238 1.987	277 2.685
161 0.755	200 1.386	239 2.006	278 2.703
162 0.774	201 1.400	240 2.025	279 2.720
163 0.792	202 1.413	241 2.044	280 2.738
164 0.811	203 1.427	242 2.063	281 2.756
165 0.830	204 1.440	243 2.082	282 2.774
166 0.848	205 1.454	244 2.101	283 2.792
167 0.866	206 1.467	245 2.120	284 2.810
168 0.884	207 1.481	246 2.139	285 2.829
169 0.902	208 1.494	247 2.158	286 2.847
170 0.920	209 1.508	248 2.176	287 2.866
171 0.938	210 1.522	249 2.195	288 2.885

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Hydrograph Discharge Table

Time -- Outflow (min cfs)	Time -- Outflow (min cfs)	Time -- Outflow (min cfs)	Time -- Outflow (min cfs)
289	2.904	345	4.277
290	2.923	346	4.302
291	2.943	347	4.326
292	2.962	348	4.349
293	2.982	349	4.373
294	3.002	350	4.397
295	3.022	351	4.420
296	3.043	352	4.444
297	3.064	353	4.468
298	3.084	354	4.492
299	3.105	355	4.516
300	3.127	356	4.541
301	3.148	357	4.565
302	3.170	358	4.590
303	3.193	359	4.616
304	3.215	360	4.642
305	3.238	361	4.668
306	3.261	362	4.694
307	3.285	363	4.722
308	3.309	364	4.750
309	3.333	365	4.779
310	3.357	366	4.809
311	3.382	367	4.840
312	3.407	368	4.871
313	3.432	369	4.904
314	3.458	370	4.937
315	3.484	371	4.971
316	3.510	372	5.005
317	3.536	373	5.041
318	3.562	374	5.077
319	3.589	375	5.114
320	3.616	376	5.152
321	3.643	377	5.190
322	3.671	378	5.230
323	3.698	379	5.269
324	3.725	380	5.310
325	3.753	381	5.351
326	3.780	382	5.392
327	3.808	383	5.434
328	3.835	384	5.475
329	3.863	385	5.516
330	3.890	386	5.557
331	3.917	387	5.598
332	3.945	388	5.638
333	3.971	389	5.679
334	3.998	390	5.718
335	4.025	391	5.758
336	4.051	392	5.796
337	4.077	393	5.832
338	4.103	394	5.868
339	4.128	395	5.902
340	4.154	396	5.935
341	4.179	397	5.966
342	4.204	398	5.996
343	4.229	399	6.025
344	4.253	400	6.053
		401	6.079
		402	6.104
		403	6.127
		404	6.149
		405	6.170
		406	6.190
		407	6.208
		408	6.226
		409	6.242
		410	6.258
		411	6.273
		412	6.287
		413	6.302
		414	6.318
		415	6.334
		416	6.351
		417	6.368
		418	6.387
		419	6.407
		420	6.427
		421	6.449
		422	6.472
		423	6.497
		424	6.522
		425	6.550
		426	6.578
		427	6.609
		428	6.641
		429	6.675
		430	6.711
		431	6.750
		432	6.790
		433	6.833
		434	6.878
		435	6.926
		436	6.976
		437	7.028
		438	7.083
		439	7.141
		440	7.201
		441	7.265
		442	7.331
		443	7.400
		444	7.472
		445	7.547
		446	7.625
		447	7.705
		448	7.790
		449	7.877
		450	7.967
		451	8.076
		452	8.206
		453	8.355
		454	8.526
		455	8.718
		456	8.932
		457	9.168
		458	9.426
		459	9.707
		460	10.01
		461	10.34
		462	10.69
		463	11.06
		464	11.45
		465	11.87
		466	12.31
		467	12.77
		468	13.25
		469	13.76
		470	14.28
		471	14.83
		472	15.37
		473	15.91
		474	16.45
		475	16.97
		476	17.49
		477	18.00
		478	18.50
		479	18.98
		480	19.46
		481	19.90
		482	20.33
		483	20.72
		484	21.08
		485	21.42
		486	21.73
		487	22.00
		488	22.24
		489	22.45
		490	22.63
		491	22.78
		492	22.89
		493	22.97
		494	23.01
		495	23.03 <<
		496	23.00
		497	22.95
		498	22.86
		499	22.74
		500	22.59
		501	22.40
		502	22.20
		503	21.98
		504	21.75
		505	21.50
		506	21.25
		507	20.97
		508	20.69
		509	20.39
		510	20.09
		511	19.78
		512	19.46

Continues on next page...

Hydrograph Discharge Table

Time -- Outflow (min cfs)	Time -- Outflow (min cfs)	Time -- Outflow (min cfs)	Time -- Outflow (min cfs)
513	19.13	569	8.680
514	18.80	570	8.608
515	18.47	571	8.534
516	18.13	572	8.462
517	17.78	573	8.391
518	17.43	574	8.320
519	17.09	575	8.251
520	16.75	576	8.184
521	16.42	577	8.117
522	16.09	578	8.051
523	15.77	579	7.988
524	15.46	580	7.928
525	15.16	581	7.869
526	14.87	582	7.813
527	14.58	583	7.759
528	14.31	584	7.707
529	14.04	585	7.656
530	13.78	586	7.608
531	13.54	587	7.562
532	13.30	588	7.517
533	13.07	589	7.475
534	12.84	590	7.434
535	12.62	591	7.395
536	12.41	592	7.361
537	12.21	593	7.329
538	12.02	594	7.298
539	11.84	595	7.268
540	11.66	596	7.238
541	11.49	597	7.210
542	11.33	598	7.182
543	11.18	599	7.155
544	11.03	600	7.129
545	10.90	601	7.107
546	10.77	602	7.085
547	10.65	603	7.064
548	10.54	604	7.043
549	10.43	605	7.023
550	10.32	606	7.003
551	10.22	607	6.983
552	10.11	608	6.964
553	10.01	609	6.943
554	9.918	610	6.924
555	9.823	611	6.904
556	9.730	612	6.885
557	9.639	613	6.865
558	9.550	614	6.846
559	9.462	615	6.827
560	9.376	616	6.808
561	9.291	617	6.789
562	9.210	618	6.770
563	9.131	619	6.751
564	9.053	620	6.732
565	8.977	621	6.713
566	8.901	622	6.690
567	8.826	623	6.667
568	8.753	624	6.644
		625	6.622
		626	6.599
		627	6.577
		628	6.555
		629	6.533
		630	6.511
		631	6.490
		632	6.469
		633	6.449
		634	6.429
		635	6.410
		636	6.391
		637	6.373
		638	6.355
		639	6.336
		640	6.318
		641	6.301
		642	6.284
		643	6.267
		644	6.252
		645	6.237
		646	6.222
		647	6.208
		648	6.194
		649	6.181
		650	6.168
		651	6.156
		652	6.144
		653	6.132
		654	6.119
		655	6.107
		656	6.095
		657	6.083
		658	6.070
		659	6.058
		660	6.045
		661	6.033
		662	6.020
		663	6.008
		664	5.995
		665	5.982
		666	5.970
		667	5.957
		668	5.944
		669	5.932
		670	5.920
		671	5.908
		672	5.896
		673	5.884
		674	5.872
		675	5.859
		676	5.846
		677	5.833
		678	5.820
		679	5.807
		680	5.793
		681	5.780
		682	5.766
		683	5.752
		684	5.737
		685	5.723
		686	5.708
		687	5.694
		688	5.679
		689	5.664
		690	5.648
		691	5.633
		692	5.617
		693	5.601
		694	5.584
		695	5.567
		696	5.550
		697	5.533
		698	5.516
		699	5.498
		700	5.480
		701	5.463
		702	5.445
		703	5.427
		704	5.409
		705	5.391
		706	5.373
		707	5.355
		708	5.337
		709	5.319
		710	5.301
		711	5.283
		712	5.265
		713	5.247
		714	5.230
		715	5.213
		716	5.197
		717	5.180
		718	5.164
		719	5.149
		720	5.134
		721	5.119
		722	5.104
		723	5.090
		724	5.076
		725	5.063
		726	5.050
		727	5.038
		728	5.026
		729	5.014
		730	5.003
		731	4.993
		732	4.983
		733	4.973
		734	4.964
		735	4.956
		736	4.948

Continues on next page...

Hydrograph Discharge Table

Time -- Outflow (min cfs)	Time -- Outflow (min cfs)	Time -- Outflow (min cfs)	Time -- Outflow (min cfs)
737	4.941	793	4.756
738	4.934	794	4.753
739	4.927	795	4.751
740	4.922	796	4.749
741	4.917	797	4.747
742	4.912	798	4.745
743	4.908	799	4.743
744	4.905	800	4.742
745	4.902	801	4.740
746	4.900	802	4.739
747	4.898	803	4.737
748	4.897	804	4.734
749	4.897	805	4.731
750	4.897	806	4.728
751	4.897	807	4.725
752	4.898	808	4.721
753	4.898	809	4.717
754	4.899	810	4.713
755	4.899	811	4.708
756	4.900	812	4.704
757	4.900	813	4.699
758	4.901	814	4.695
759	4.901	815	4.690
760	4.900	816	4.685
761	4.900	817	4.680
762	4.899	818	4.675
763	4.897	819	4.670
764	4.895	820	4.665
765	4.893	821	4.660
766	4.890	822	4.654
767	4.887	823	4.648
768	4.883	824	4.643
769	4.878	825	4.637
770	4.873	826	4.630
771	4.867	827	4.624
772	4.861	828	4.618
773	4.855	829	4.612
774	4.848	830	4.605
775	4.842	831	4.599
776	4.836	832	4.592
777	4.829	833	4.585
778	4.823	834	4.579
779	4.816	835	4.572
780	4.810	836	4.565
781	4.804	837	4.559
782	4.798	838	4.552
783	4.793	839	4.545
784	4.788	840	4.539
785	4.783	841	4.532
786	4.779	842	4.526
787	4.775	843	4.519
788	4.771	844	4.513
789	4.767	845	4.507
790	4.764	846	4.501
791	4.761	847	4.495
792	4.758	848	4.490
		849	4.484
		850	4.479
		851	4.474
		852	4.470
		853	4.466
		854	4.461
		855	4.458
		856	4.454
		857	4.451
		858	4.448
		859	4.445
		860	4.442
		861	4.439
		862	4.437
		863	4.434
		864	4.432
		865	4.429
		866	4.427
		867	4.425
		868	4.423
		869	4.420
		870	4.418
		871	4.416
		872	4.414
		873	4.412
		874	4.410
		875	4.408
		876	4.405
		877	4.403
		878	4.401
		879	4.399
		880	4.397
		881	4.395
		882	4.393
		883	4.390
		884	4.388
		885	4.386
		886	4.384
		887	4.381
		888	4.379
		889	4.377
		890	4.374
		891	4.372
		892	4.369
		893	4.367
		894	4.364
		895	4.361
		896	4.359
		897	4.356
		898	4.353
		899	4.351
		900	4.348
		901	4.345
		902	4.342
		903	4.339
		904	4.336
		905	4.333
		906	4.330
		907	4.327
		908	4.324
		909	4.321
		910	4.318
		911	4.315
		912	4.312
		913	4.309
		914	4.306
		915	4.302
		916	4.299
		917	4.296
		918	4.293
		919	4.290
		920	4.287
		921	4.284
		922	4.281
		923	4.278
		924	4.275
		925	4.271
		926	4.268
		927	4.265
		928	4.262
		929	4.259
		930	4.256
		931	4.253
		932	4.250
		933	4.247
		934	4.243
		935	4.240
		936	4.237
		937	4.234
		938	4.231
		939	4.228
		940	4.225
		941	4.222
		942	4.219
		943	4.215
		944	4.212
		945	4.209
		946	4.206
		947	4.203
		948	4.200
		949	4.197
		950	4.194
		951	4.191
		952	4.187
		953	4.184
		954	4.181
		955	4.178
		956	4.175
		957	4.172
		958	4.169
		959	4.165
		960	4.162

Continues on next page...

Hydrograph Discharge Table

Time -- Outflow (min cfs)	Time -- Outflow (min cfs)	Time -- Outflow (min cfs)	Time -- Outflow (min cfs)
961	4.159	1017	3.983
962	4.156	1018	3.979
963	4.153	1019	3.976
964	4.150	1020	3.973
965	4.147	1021	3.970
966	4.144	1022	3.967
967	4.140	1023	3.964
968	4.137	1024	3.960
969	4.134	1025	3.957
970	4.131	1026	3.954
971	4.128	1027	3.951
972	4.125	1028	3.948
973	4.122	1029	3.945
974	4.118	1030	3.941
975	4.115	1031	3.938
976	4.112	1032	3.935
977	4.109	1033	3.932
978	4.106	1034	3.929
979	4.103	1035	3.925
980	4.100	1036	3.922
981	4.096	1037	3.919
982	4.093	1038	3.916
983	4.090	1039	3.913
984	4.087	1040	3.910
985	4.084	1041	3.906
986	4.081	1042	3.903
987	4.078	1043	3.900
988	4.074	1044	3.897
989	4.071	1045	3.894
990	4.068	1046	3.890
991	4.065	1047	3.887
992	4.062	1048	3.884
993	4.059	1049	3.881
994	4.055	1050	3.878
995	4.052	1051	3.874
996	4.049	1052	3.871
997	4.046	1053	3.868
998	4.043	1054	3.865
999	4.040	1055	3.862
1000	4.036	1056	3.858
1001	4.033	1057	3.855
1002	4.030	1058	3.852
1003	4.027	1059	3.849
1004	4.024	1060	3.846
1005	4.021	1061	3.842
1006	4.018	1062	3.839
1007	4.014	1063	3.836
1008	4.011	1064	3.833
1009	4.008	1065	3.830
1010	4.005	1066	3.826
1011	4.002	1067	3.823
1012	3.999	1068	3.820
1013	3.995	1069	3.817
1014	3.992	1070	3.814
1015	3.989	1071	3.810
1016	3.986	1072	3.807
		1073	3.804
		1074	3.801
		1075	3.798
		1076	3.794
		1077	3.791
		1078	3.788
		1079	3.785
		1080	3.782
		1081	3.778
		1082	3.775
		1083	3.772
		1084	3.769
		1085	3.765
		1086	3.762
		1087	3.759
		1088	3.756
		1089	3.753
		1090	3.749
		1091	3.746
		1092	3.743
		1093	3.740
		1094	3.737
		1095	3.733
		1096	3.730
		1097	3.727
		1098	3.724
		1099	3.720
		1100	3.717
		1101	3.714
		1102	3.711
		1103	3.708
		1104	3.704
		1105	3.701
		1106	3.698
		1107	3.695
		1108	3.691
		1109	3.688
		1110	3.685
		1111	3.682
		1112	3.679
		1113	3.675
		1114	3.672
		1115	3.669
		1116	3.666
		1117	3.662
		1118	3.659
		1119	3.656
		1120	3.653
		1121	3.649
		1122	3.646
		1123	3.643
		1124	3.640
		1125	3.637
		1126	3.633
		1127	3.630
		1128	3.627
		1129	3.624
		1130	3.620
		1131	3.617
		1132	3.614
		1133	3.611
		1134	3.607
		1135	3.604
		1136	3.601
		1137	3.598
		1138	3.594
		1139	3.591
		1140	3.588
		1141	3.585
		1142	3.582
		1143	3.578
		1144	3.575
		1145	3.572
		1146	3.569
		1147	3.565
		1148	3.562
		1149	3.559
		1150	3.556
		1151	3.552
		1152	3.549
		1153	3.546
		1154	3.543
		1155	3.539
		1156	3.536
		1157	3.533
		1158	3.530
		1159	3.526
		1160	3.523
		1161	3.520
		1162	3.517
		1163	3.513
		1164	3.510
		1165	3.507
		1166	3.504
		1167	3.500
		1168	3.497
		1169	3.494
		1170	3.491
		1171	3.487
		1172	3.484
		1173	3.481
		1174	3.478
		1175	3.474
		1176	3.471
		1177	3.468
		1178	3.465
		1179	3.461
		1180	3.458
		1181	3.455
		1182	3.452
		1183	3.448
		1184	3.445

Continues on next page...

Hydrograph Discharge Table

Time -- Outflow (min cfs)	Time -- Outflow (min cfs)	Time -- Outflow (min cfs)	Time -- Outflow (min cfs)
1185	3.442	1241	3.259
1186	3.439	1242	3.255
1187	3.435	1243	3.252
1188	3.432	1244	3.249
1189	3.429	1245	3.246
1190	3.425	1246	3.242
1191	3.422	1247	3.239
1192	3.419	1248	3.236
1193	3.416	1249	3.232
1194	3.412	1250	3.229
1195	3.409	1251	3.226
1196	3.406	1252	3.223
1197	3.403	1253	3.219
1198	3.399	1254	3.216
1199	3.396	1255	3.213
1200	3.393	1256	3.209
1201	3.390	1257	3.206
1202	3.386	1258	3.203
1203	3.383	1259	3.200
1204	3.380	1260	3.196
1205	3.377	1261	3.193
1206	3.373	1262	3.190
1207	3.370	1263	3.186
1208	3.367	1264	3.183
1209	3.363	1265	3.180
1210	3.360	1266	3.177
1211	3.357	1267	3.173
1212	3.354	1268	3.170
1213	3.350	1269	3.167
1214	3.347	1270	3.163
1215	3.344	1271	3.160
1216	3.341	1272	3.157
1217	3.337	1273	3.154
1218	3.334	1274	3.150
1219	3.331	1275	3.147
1220	3.327	1276	3.144
1221	3.324	1277	3.140
1222	3.321	1278	3.137
1223	3.318	1279	3.134
1224	3.314	1280	3.131
1225	3.311	1281	3.127
1226	3.308	1282	3.124
1227	3.305	1283	3.121
1228	3.301	1284	3.117
1229	3.298	1285	3.114
1230	3.295	1286	3.111
1231	3.291	1287	3.107
1232	3.288	1288	3.104
1233	3.285	1289	3.101
1234	3.282	1290	3.098
1235	3.278	1291	3.094
1236	3.275	1292	3.091
1237	3.272	1293	3.088
1238	3.269	1294	3.084
1239	3.265	1295	3.081
1240	3.262	1296	3.078
		1297	3.075
		1298	3.071
		1299	3.068
		1300	3.065
		1301	3.061
		1302	3.058
		1303	3.055
		1304	3.051
		1305	3.048
		1306	3.045
		1307	3.042
		1308	3.038
		1309	3.035
		1310	3.032
		1311	3.028
		1312	3.025
		1313	3.022
		1314	3.018
		1315	3.015
		1316	3.012
		1317	3.009
		1318	3.005
		1319	3.002
		1320	2.999
		1321	2.995
		1322	2.992
		1323	2.989
		1324	2.985
		1325	2.982
		1326	2.979
		1327	2.975
		1328	2.972
		1329	2.969
		1330	2.966
		1331	2.962
		1332	2.959
		1333	2.956
		1334	2.952
		1335	2.949
		1336	2.946
		1337	2.942
		1338	2.939
		1339	2.936
		1340	2.933
		1341	2.929
		1342	2.926
		1343	2.923
		1344	2.919
		1345	2.916
		1346	2.913
		1347	2.909
		1348	2.906
		1349	2.903
		1350	2.899
		1351	2.896
		1352	2.893
		1353	2.889
		1354	2.886
		1355	2.883
		1356	2.880
		1357	2.876
		1358	2.873
		1359	2.870
		1360	2.866
		1361	2.863
		1362	2.860
		1363	2.856
		1364	2.853
		1365	2.850
		1366	2.846
		1367	2.843
		1368	2.840
		1369	2.836
		1370	2.833
		1371	2.830
		1372	2.827
		1373	2.823
		1374	2.820
		1375	2.817
		1376	2.813
		1377	2.810
		1378	2.807
		1379	2.803
		1380	2.800
		1381	2.797
		1382	2.793
		1383	2.790
		1384	2.787
		1385	2.783
		1386	2.780
		1387	2.777
		1388	2.773
		1389	2.770
		1390	2.767
		1391	2.763
		1392	2.760
		1393	2.757
		1394	2.753
		1395	2.750
		1396	2.747
		1397	2.744
		1398	2.740
		1399	2.737
		1400	2.734
		1401	2.730
		1402	2.727
		1403	2.724
		1404	2.720
		1405	2.717
		1406	2.714
		1407	2.710
		1408	2.707

Continues on next page...

Hydrograph Discharge Table

Time -- Outflow (min cfs)	Time -- Outflow (min cfs)
1409	1465
1410	1466
1411	1467
1412	1468
1413	1469
1414	1470
1415	1471
1416	1472
1417	1473
1418	1474
1419	1475
1420	1476
1421	1477
1422	1478
1423	1479
1424	1480
1425	1481
1426	1482
1427	1483
1428	1484
1429	1485
1430	1486
1431	1487
1432	1488
1433	1489
1434	1490
1435	
1436	...End
1437	
1438	
1439	
1440	
1441	
1442	
1443	
1444	
1445	
1446	
1447	
1448	
1449	
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Hydrograph Report

Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2009 by Autodesk, Inc. v6.066

Thursday, Jul 2, 2009

Hyd. No. 2

Detention pond outflow

Hydrograph type	= Reservoir	Peak discharge	= 6.938 cfs
Storm frequency	= 100 yrs	Time to peak	= 609 min
Time interval	= 1 min	Hyd. volume	= 335,290 cuft
Inflow hyd. No.	= 1 - Developed site storm event	Reservoir name	= Detention Pond
Max. Elevation	= 62.58 ft	Max. Storage	= 136,207 cuft

Storage Indication method used.

Hydrograph Discharge Table

(Printed values >= 1.00% of Qp.)

Time (min)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
447	7.705	61.21	----	0.208	----	----	----	----	----	----	----	0.208
448	7.790	61.22	----	0.370	----	----	----	----	----	----	----	0.370
449	7.877	61.23	----	0.530	----	----	----	----	----	----	----	0.530
450	7.967	61.24	----	0.689	----	----	----	----	----	----	----	0.689
451	8.076	61.25	----	0.847	----	----	----	----	----	----	----	0.847
452	8.206	61.25	----	1.004	----	----	----	----	----	----	----	1.004
453	8.355	61.26	----	1.160	----	----	----	----	----	----	----	1.160
454	8.526	61.27	----	1.317	----	----	----	----	----	----	----	1.317
455	8.718	61.28	----	1.474	----	----	----	----	----	----	----	1.474
456	8.932	61.29	----	1.632	----	----	----	----	----	----	----	1.632
457	9.168	61.30	----	1.792	----	----	----	----	----	----	----	1.792
458	9.426	61.30	----	1.904	----	----	----	----	----	----	----	1.904
459	9.707	61.31	----	1.972	----	----	----	----	----	----	----	1.972
460	10.01	61.32	----	2.043	----	----	----	----	----	----	----	2.043
461	10.34	61.33	----	2.116	----	----	----	----	----	----	----	2.116
462	10.69	61.34	----	2.191	----	----	----	----	----	----	----	2.191
463	11.06	61.35	----	2.269	----	----	----	----	----	----	----	2.269
464	11.45	61.36	----	2.350	----	----	----	----	----	----	----	2.350
465	11.87	61.37	----	2.433	----	----	----	----	----	----	----	2.433
466	12.31	61.38	----	2.520	----	----	----	----	----	----	----	2.520
467	12.77	61.40	----	2.609	----	----	----	----	----	----	----	2.609
468	13.25	61.41	----	2.689	----	----	----	----	----	----	----	2.689
469	13.76	61.42	----	2.763	----	----	----	----	----	----	----	2.763
470	14.28	61.43	----	2.841	----	----	----	----	----	----	----	2.841
471	14.83	61.45	----	2.921	----	----	----	----	----	----	----	2.921
472	15.37	61.46	----	3.005	----	----	----	----	----	----	----	3.005
473	15.91	61.48	----	3.092	----	----	----	----	----	----	----	3.092
474	16.45	61.49	----	3.182	----	----	----	----	----	----	----	3.182
475	16.97	61.51	----	3.269	----	----	----	----	----	----	----	3.269
476	17.49	61.52	----	3.350	----	----	----	----	----	----	----	3.350
477	18.00	61.54	----	3.434	----	----	----	----	----	----	----	3.434
478	18.50	61.56	----	3.520	----	----	----	----	----	----	----	3.520
479	18.98	61.57	----	3.609	----	----	----	----	----	----	----	3.609
480	19.46	61.59	----	3.699	----	----	----	----	----	----	----	3.699
481	19.90	61.61	----	3.785	----	----	----	----	----	----	----	3.785
482	20.33	61.63	----	3.869	----	----	----	----	----	----	----	3.869
483	20.72	61.65	----	3.954	----	----	----	----	----	----	----	3.954
484	21.08	61.67	----	4.041	----	----	----	----	----	----	----	4.041
485	21.42	61.69	----	4.129	----	----	----	----	----	----	----	4.129
486	21.73	61.71	----	4.215	----	----	----	----	----	----	----	4.215
487	22.00	61.73	----	4.296	----	----	----	----	----	----	----	4.296
488	22.24	61.75	----	4.379	----	----	----	----	----	----	----	4.379

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Hydrograph Discharge Table

Time (min)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
489	22.45	61.77	----	4.462	----	----	----	----	----	----	----	4.462
490	22.63	61.79	----	4.546	----	----	----	----	----	----	----	4.546
491	22.78	61.81	----	4.626	----	----	----	----	----	----	----	4.626
492	22.89	61.83	----	4.703	----	----	----	----	----	----	----	4.703
493	22.97	61.86	----	4.781	----	----	----	----	----	----	----	4.781
494	23.01	61.88	----	4.858	----	----	----	----	----	----	----	4.858
495	23.03 <<	61.90	----	4.936	----	----	----	----	----	----	----	4.936
496	23.00	61.92	----	5.008	----	----	----	----	----	----	----	5.008
497	22.95	61.94	----	5.079	----	----	----	----	----	----	----	5.079
498	22.86	61.96	----	5.150	----	----	----	----	----	----	----	5.150
499	22.74	61.98	----	5.220	----	----	----	----	----	----	----	5.220
500	22.59	62.00	----	5.288	----	----	----	----	----	----	----	5.288
501	22.40	62.02	----	5.346	----	----	----	----	----	----	----	5.346
502	22.20	62.04	----	5.402	----	----	----	----	----	----	----	5.402
503	21.98	62.05	----	5.458	----	----	----	----	----	----	----	5.458
504	21.75	62.07	----	5.513	----	----	----	----	----	----	----	5.513
505	21.50	62.09	----	5.567	----	----	----	----	----	----	----	5.567
506	21.25	62.10	----	5.619	----	----	----	----	----	----	----	5.619
507	20.97	62.12	----	5.668	----	----	----	----	----	----	----	5.668
508	20.69	62.14	----	5.716	----	----	----	----	----	----	----	5.716
509	20.39	62.15	----	5.763	----	----	----	----	----	----	----	5.763
510	20.09	62.17	----	5.809	----	----	----	----	----	----	----	5.809
511	19.78	62.18	----	5.854	----	----	----	----	----	----	----	5.854
512	19.46	62.20	----	5.897	----	----	----	----	----	----	----	5.897
513	19.13	62.21	----	5.938	----	----	----	----	----	----	----	5.938
514	18.80	62.22	----	5.977	----	----	----	----	----	----	----	5.977
515	18.47	62.24	----	6.015	----	----	----	----	----	----	----	6.015
516	18.13	62.25	----	6.052	----	----	----	----	----	----	----	6.052
517	17.78	62.26	----	6.088	----	----	----	----	----	----	----	6.088
518	17.43	62.27	----	6.123	----	----	----	----	----	----	----	6.123
519	17.09	62.29	----	6.156	----	----	----	----	----	----	----	6.156
520	16.75	62.30	----	6.189	----	----	----	----	----	----	----	6.189
521	16.42	62.31	----	6.219	----	----	----	----	----	----	----	6.219
522	16.09	62.32	----	6.248	----	----	----	----	----	----	----	6.248
523	15.77	62.33	----	6.276	----	----	----	----	----	----	----	6.276
524	15.46	62.34	----	6.303	----	----	----	----	----	----	----	6.303
525	15.16	62.35	----	6.328	----	----	----	----	----	----	----	6.328
526	14.87	62.36	----	6.353	----	----	----	----	----	----	----	6.353
527	14.58	62.37	----	6.378	----	----	----	----	----	----	----	6.378
528	14.31	62.37	----	6.401	----	----	----	----	----	----	----	6.401
529	14.04	62.38	----	6.423	----	----	----	----	----	----	----	6.423
530	13.78	62.39	----	6.445	----	----	----	----	----	----	----	6.445
531	13.54	62.40	----	6.465	----	----	----	----	----	----	----	6.465
532	13.30	62.40	----	6.485	----	----	----	----	----	----	----	6.485
533	13.07	62.41	----	6.503	----	----	----	----	----	----	----	6.503
534	12.84	62.42	----	6.521	----	----	----	----	----	----	----	6.521
535	12.62	62.43	----	6.538	----	----	----	----	----	----	----	6.538
536	12.41	62.43	----	6.555	----	----	----	----	----	----	----	6.555
537	12.21	62.44	----	6.571	----	----	----	----	----	----	----	6.571
538	12.02	62.44	----	6.586	----	----	----	----	----	----	----	6.586
539	11.84	62.45	----	6.601	----	----	----	----	----	----	----	6.601
540	11.66	62.45	----	6.615	----	----	----	----	----	----	----	6.615
541	11.49	62.46	----	6.629	----	----	----	----	----	----	----	6.629
542	11.33	62.46	----	6.642	----	----	----	----	----	----	----	6.642
543	11.18	62.47	----	6.655	----	----	----	----	----	----	----	6.655
544	11.03	62.47	----	6.667	----	----	----	----	----	----	----	6.667

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Hydrograph Discharge Table

Time (min)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
545	10.90	62.48	----	6.679	----	----	----	----	----	----	----	6.679
546	10.77	62.48	----	6.690	----	----	----	----	----	----	----	6.690
547	10.65	62.49	----	6.701	----	----	----	----	----	----	----	6.701
548	10.54	62.49	----	6.712	----	----	----	----	----	----	----	6.712
549	10.43	62.49	----	6.722	----	----	----	----	----	----	----	6.722
550	10.32	62.50	----	6.732	----	----	----	----	----	----	----	6.732
551	10.22	62.50	----	6.742	----	----	----	----	----	----	----	6.742
552	10.11	62.51	----	6.751	----	----	----	----	----	----	----	6.751
553	10.01	62.51	----	6.760	----	----	----	----	----	----	----	6.760
554	9.918	62.51	----	6.768	----	----	----	----	----	----	----	6.768
555	9.823	62.52	----	6.777	----	----	----	----	----	----	----	6.777
556	9.730	62.52	----	6.785	----	----	----	----	----	----	----	6.785
557	9.639	62.52	----	6.792	----	----	----	----	----	----	----	6.792
558	9.550	62.52	----	6.800	----	----	----	----	----	----	----	6.800
559	9.462	62.53	----	6.807	----	----	----	----	----	----	----	6.807
560	9.376	62.53	----	6.814	----	----	----	----	----	----	----	6.814
561	9.291	62.53	----	6.820	----	----	----	----	----	----	----	6.820
562	9.210	62.54	----	6.827	----	----	----	----	----	----	----	6.827
563	9.131	62.54	----	6.833	----	----	----	----	----	----	----	6.833
564	9.053	62.54	----	6.839	----	----	----	----	----	----	----	6.839
565	8.977	62.54	----	6.845	----	----	----	----	----	----	----	6.845
566	8.901	62.54	----	6.851	----	----	----	----	----	----	----	6.851
567	8.826	62.55	----	6.856	----	----	----	----	----	----	----	6.856
568	8.753	62.55	----	6.861	----	----	----	----	----	----	----	6.861
569	8.680	62.55	----	6.866	----	----	----	----	----	----	----	6.866
570	8.608	62.55	----	6.871	----	----	----	----	----	----	----	6.871
571	8.534	62.55	----	6.875	----	----	----	----	----	----	----	6.875
572	8.462	62.56	----	6.879	----	----	----	----	----	----	----	6.879
573	8.391	62.56	----	6.884	----	----	----	----	----	----	----	6.884
574	8.320	62.56	----	6.887	----	----	----	----	----	----	----	6.887
575	8.251	62.56	----	6.891	----	----	----	----	----	----	----	6.891
576	8.184	62.56	----	6.895	----	----	----	----	----	----	----	6.895
577	8.117	62.56	----	6.898	----	----	----	----	----	----	----	6.898
578	8.051	62.56	----	6.901	----	----	----	----	----	----	----	6.901
579	7.988	62.57	----	6.904	----	----	----	----	----	----	----	6.904
580	7.928	62.57	----	6.907	----	----	----	----	----	----	----	6.907
581	7.869	62.57	----	6.910	----	----	----	----	----	----	----	6.910
582	7.813	62.57	----	6.912	----	----	----	----	----	----	----	6.912
583	7.759	62.57	----	6.914	----	----	----	----	----	----	----	6.914
584	7.707	62.57	----	6.917	----	----	----	----	----	----	----	6.917
585	7.656	62.57	----	6.919	----	----	----	----	----	----	----	6.919
586	7.608	62.57	----	6.920	----	----	----	----	----	----	----	6.920
587	7.562	62.57	----	6.922	----	----	----	----	----	----	----	6.922
588	7.517	62.57	----	6.924	----	----	----	----	----	----	----	6.924
589	7.475	62.57	----	6.925	----	----	----	----	----	----	----	6.925
590	7.434	62.57	----	6.927	----	----	----	----	----	----	----	6.927
591	7.395	62.58	----	6.928	----	----	----	----	----	----	----	6.928
592	7.361	62.58	----	6.929	----	----	----	----	----	----	----	6.929
593	7.329	62.58	----	6.930	----	----	----	----	----	----	----	6.930
594	7.298	62.58	----	6.931	----	----	----	----	----	----	----	6.931
595	7.268	62.58	----	6.932	----	----	----	----	----	----	----	6.932
596	7.238	62.58	----	6.933	----	----	----	----	----	----	----	6.933
597	7.210	62.58	----	6.934	----	----	----	----	----	----	----	6.934
598	7.182	62.58	----	6.935	----	----	----	----	----	----	----	6.935
599	7.155	62.58	----	6.935	----	----	----	----	----	----	----	6.935
600	7.129	62.58	----	6.936	----	----	----	----	----	----	----	6.936

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Hydrograph Discharge Table

Time (min)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
601	7.107	62.58	----	6.936	----	----	----	----	----	----	----	6.936
602	7.085	62.58	----	6.937	----	----	----	----	----	----	----	6.937
603	7.064	62.58	----	6.937	----	----	----	----	----	----	----	6.937
604	7.043	62.58	----	6.937	----	----	----	----	----	----	----	6.937
605	7.023	62.58	----	6.938	----	----	----	----	----	----	----	6.938
606	7.003	62.58	----	6.938	----	----	----	----	----	----	----	6.938
607	6.983	62.58	----	6.938	----	----	----	----	----	----	----	6.938
608	6.964	62.58	----	6.938	----	----	----	----	----	----	----	6.938
609	6.943	62.58 <<	----	6.938	----	----	----	----	----	----	----	6.938 <<
610	6.924	62.58	----	6.938	----	----	----	----	----	----	----	6.938
611	6.904	62.58	----	6.938	----	----	----	----	----	----	----	6.938
612	6.885	62.58	----	6.938	----	----	----	----	----	----	----	6.938
613	6.865	62.58	----	6.938	----	----	----	----	----	----	----	6.938
614	6.846	62.58	----	6.938	----	----	----	----	----	----	----	6.938
615	6.827	62.58	----	6.937	----	----	----	----	----	----	----	6.937
616	6.808	62.58	----	6.937	----	----	----	----	----	----	----	6.937
617	6.789	62.58	----	6.937	----	----	----	----	----	----	----	6.937
618	6.770	62.58	----	6.936	----	----	----	----	----	----	----	6.936
619	6.751	62.58	----	6.936	----	----	----	----	----	----	----	6.936
620	6.732	62.58	----	6.935	----	----	----	----	----	----	----	6.935
621	6.713	62.58	----	6.935	----	----	----	----	----	----	----	6.935
622	6.690	62.58	----	6.934	----	----	----	----	----	----	----	6.934
623	6.667	62.58	----	6.933	----	----	----	----	----	----	----	6.933
624	6.644	62.58	----	6.933	----	----	----	----	----	----	----	6.933
625	6.622	62.58	----	6.932	----	----	----	----	----	----	----	6.932
626	6.599	62.58	----	6.931	----	----	----	----	----	----	----	6.931
627	6.577	62.58	----	6.930	----	----	----	----	----	----	----	6.930
628	6.555	62.58	----	6.929	----	----	----	----	----	----	----	6.929
629	6.533	62.58	----	6.928	----	----	----	----	----	----	----	6.928
630	6.511	62.57	----	6.927	----	----	----	----	----	----	----	6.927
631	6.490	62.57	----	6.926	----	----	----	----	----	----	----	6.926
632	6.469	62.57	----	6.925	----	----	----	----	----	----	----	6.925
633	6.449	62.57	----	6.923	----	----	----	----	----	----	----	6.923
634	6.429	62.57	----	6.922	----	----	----	----	----	----	----	6.922
635	6.410	62.57	----	6.921	----	----	----	----	----	----	----	6.921
636	6.391	62.57	----	6.919	----	----	----	----	----	----	----	6.919
637	6.373	62.57	----	6.918	----	----	----	----	----	----	----	6.918
638	6.355	62.57	----	6.917	----	----	----	----	----	----	----	6.917
639	6.336	62.57	----	6.915	----	----	----	----	----	----	----	6.915
640	6.318	62.57	----	6.913	----	----	----	----	----	----	----	6.913
641	6.301	62.57	----	6.912	----	----	----	----	----	----	----	6.912
642	6.284	62.57	----	6.910	----	----	----	----	----	----	----	6.910
643	6.267	62.57	----	6.909	----	----	----	----	----	----	----	6.909
644	6.252	62.57	----	6.907	----	----	----	----	----	----	----	6.907
645	6.237	62.57	----	6.905	----	----	----	----	----	----	----	6.905
646	6.222	62.57	----	6.903	----	----	----	----	----	----	----	6.903
647	6.208	62.56	----	6.901	----	----	----	----	----	----	----	6.901
648	6.194	62.56	----	6.900	----	----	----	----	----	----	----	6.900
649	6.181	62.56	----	6.898	----	----	----	----	----	----	----	6.898
650	6.168	62.56	----	6.896	----	----	----	----	----	----	----	6.896
651	6.156	62.56	----	6.894	----	----	----	----	----	----	----	6.894
652	6.144	62.56	----	6.892	----	----	----	----	----	----	----	6.892
653	6.132	62.56	----	6.890	----	----	----	----	----	----	----	6.890
654	6.119	62.56	----	6.888	----	----	----	----	----	----	----	6.888
655	6.107	62.56	----	6.886	----	----	----	----	----	----	----	6.886
656	6.095	62.56	----	6.884	----	----	----	----	----	----	----	6.884

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Hydrograph Discharge Table

Time (min)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
657	6.083	62.56	----	6.882	----	----	----	----	----	----	----	6.882
658	6.070	62.56	----	6.879	----	----	----	----	----	----	----	6.879
659	6.058	62.56	----	6.877	----	----	----	----	----	----	----	6.877
660	6.045	62.55	----	6.875	----	----	----	----	----	----	----	6.875
661	6.033	62.55	----	6.873	----	----	----	----	----	----	----	6.873
662	6.020	62.55	----	6.871	----	----	----	----	----	----	----	6.871
663	6.008	62.55	----	6.868	----	----	----	----	----	----	----	6.868
664	5.995	62.55	----	6.866	----	----	----	----	----	----	----	6.866
665	5.982	62.55	----	6.864	----	----	----	----	----	----	----	6.864
666	5.970	62.55	----	6.861	----	----	----	----	----	----	----	6.861
667	5.957	62.55	----	6.859	----	----	----	----	----	----	----	6.859
668	5.944	62.55	----	6.857	----	----	----	----	----	----	----	6.857
669	5.932	62.55	----	6.854	----	----	----	----	----	----	----	6.854
670	5.920	62.55	----	6.852	----	----	----	----	----	----	----	6.852
671	5.908	62.54	----	6.849	----	----	----	----	----	----	----	6.849
672	5.896	62.54	----	6.847	----	----	----	----	----	----	----	6.847
673	5.884	62.54	----	6.844	----	----	----	----	----	----	----	6.844
674	5.872	62.54	----	6.842	----	----	----	----	----	----	----	6.842
675	5.859	62.54	----	6.839	----	----	----	----	----	----	----	6.839
676	5.846	62.54	----	6.836	----	----	----	----	----	----	----	6.836
677	5.833	62.54	----	6.834	----	----	----	----	----	----	----	6.834
678	5.820	62.54	----	6.831	----	----	----	----	----	----	----	6.831
679	5.807	62.54	----	6.828	----	----	----	----	----	----	----	6.828
680	5.793	62.54	----	6.826	----	----	----	----	----	----	----	6.826
681	5.780	62.53	----	6.823	----	----	----	----	----	----	----	6.823
682	5.766	62.53	----	6.820	----	----	----	----	----	----	----	6.820
683	5.752	62.53	----	6.817	----	----	----	----	----	----	----	6.817
684	5.737	62.53	----	6.814	----	----	----	----	----	----	----	6.814
685	5.723	62.53	----	6.811	----	----	----	----	----	----	----	6.811
686	5.708	62.53	----	6.809	----	----	----	----	----	----	----	6.809
687	5.694	62.53	----	6.806	----	----	----	----	----	----	----	6.806
688	5.679	62.53	----	6.803	----	----	----	----	----	----	----	6.803
689	5.664	62.52	----	6.800	----	----	----	----	----	----	----	6.800
690	5.648	62.52	----	6.797	----	----	----	----	----	----	----	6.797
691	5.633	62.52	----	6.794	----	----	----	----	----	----	----	6.794
692	5.617	62.52	----	6.790	----	----	----	----	----	----	----	6.790
693	5.601	62.52	----	6.787	----	----	----	----	----	----	----	6.787
694	5.584	62.52	----	6.784	----	----	----	----	----	----	----	6.784
695	5.567	62.52	----	6.781	----	----	----	----	----	----	----	6.781
696	5.550	62.52	----	6.778	----	----	----	----	----	----	----	6.778
697	5.533	62.51	----	6.774	----	----	----	----	----	----	----	6.774
698	5.516	62.51	----	6.771	----	----	----	----	----	----	----	6.771
699	5.498	62.51	----	6.768	----	----	----	----	----	----	----	6.768
700	5.480	62.51	----	6.764	----	----	----	----	----	----	----	6.764
701	5.463	62.51	----	6.761	----	----	----	----	----	----	----	6.761
702	5.445	62.51	----	6.757	----	----	----	----	----	----	----	6.757
703	5.427	62.51	----	6.754	----	----	----	----	----	----	----	6.754
704	5.409	62.51	----	6.750	----	----	----	----	----	----	----	6.750
705	5.391	62.50	----	6.747	----	----	----	----	----	----	----	6.747
706	5.373	62.50	----	6.743	----	----	----	----	----	----	----	6.743
707	5.355	62.50	----	6.739	----	----	----	----	----	----	----	6.739
708	5.337	62.50	----	6.736	----	----	----	----	----	----	----	6.736
709	5.319	62.50	----	6.732	----	----	----	----	----	----	----	6.732
710	5.301	62.50	----	6.728	----	----	----	----	----	----	----	6.728
711	5.283	62.50	----	6.724	----	----	----	----	----	----	----	6.724
712	5.265	62.49	----	6.720	----	----	----	----	----	----	----	6.720

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Hydrograph Discharge Table

Time (min)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
713	5.247	62.49	----	6.716	----	----	----	----	----	----	----	6.716
714	5.230	62.49	----	6.712	----	----	----	----	----	----	----	6.712
715	5.213	62.49	----	6.708	----	----	----	----	----	----	----	6.708
716	5.197	62.49	----	6.704	----	----	----	----	----	----	----	6.704
717	5.180	62.49	----	6.699	----	----	----	----	----	----	----	6.699
718	5.164	62.48	----	6.695	----	----	----	----	----	----	----	6.695
719	5.149	62.48	----	6.691	----	----	----	----	----	----	----	6.691
720	5.134	62.48	----	6.687	----	----	----	----	----	----	----	6.687
721	5.119	62.48	----	6.682	----	----	----	----	----	----	----	6.682
722	5.104	62.48	----	6.678	----	----	----	----	----	----	----	6.678
723	5.090	62.48	----	6.674	----	----	----	----	----	----	----	6.674
724	5.076	62.47	----	6.669	----	----	----	----	----	----	----	6.669
725	5.063	62.47	----	6.665	----	----	----	----	----	----	----	6.665
726	5.050	62.47	----	6.660	----	----	----	----	----	----	----	6.660
727	5.038	62.47	----	6.656	----	----	----	----	----	----	----	6.656
728	5.026	62.47	----	6.652	----	----	----	----	----	----	----	6.652
729	5.014	62.47	----	6.647	----	----	----	----	----	----	----	6.647
730	5.003	62.46	----	6.642	----	----	----	----	----	----	----	6.642
731	4.993	62.46	----	6.638	----	----	----	----	----	----	----	6.638
732	4.983	62.46	----	6.633	----	----	----	----	----	----	----	6.633
733	4.973	62.46	----	6.629	----	----	----	----	----	----	----	6.629
734	4.964	62.46	----	6.624	----	----	----	----	----	----	----	6.624
735	4.956	62.46	----	6.620	----	----	----	----	----	----	----	6.620
736	4.948	62.45	----	6.615	----	----	----	----	----	----	----	6.615
737	4.941	62.45	----	6.610	----	----	----	----	----	----	----	6.610
738	4.934	62.45	----	6.606	----	----	----	----	----	----	----	6.606
739	4.927	62.45	----	6.601	----	----	----	----	----	----	----	6.601
740	4.922	62.45	----	6.597	----	----	----	----	----	----	----	6.597
741	4.917	62.45	----	6.592	----	----	----	----	----	----	----	6.592
742	4.912	62.44	----	6.587	----	----	----	----	----	----	----	6.587
743	4.908	62.44	----	6.583	----	----	----	----	----	----	----	6.583
744	4.905	62.44	----	6.578	----	----	----	----	----	----	----	6.578
745	4.902	62.44	----	6.573	----	----	----	----	----	----	----	6.573
746	4.900	62.44	----	6.569	----	----	----	----	----	----	----	6.569
747	4.898	62.43	----	6.564	----	----	----	----	----	----	----	6.564
748	4.897	62.43	----	6.560	----	----	----	----	----	----	----	6.560
749	4.897	62.43	----	6.555	----	----	----	----	----	----	----	6.555
750	4.897	62.43	----	6.550	----	----	----	----	----	----	----	6.550
751	4.897	62.43	----	6.546	----	----	----	----	----	----	----	6.546
752	4.898	62.43	----	6.541	----	----	----	----	----	----	----	6.541
753	4.898	62.42	----	6.537	----	----	----	----	----	----	----	6.537
754	4.899	62.42	----	6.532	----	----	----	----	----	----	----	6.532
755	4.899	62.42	----	6.528	----	----	----	----	----	----	----	6.528
756	4.900	62.42	----	6.523	----	----	----	----	----	----	----	6.523
757	4.900	62.42	----	6.519	----	----	----	----	----	----	----	6.519
758	4.901	62.42	----	6.514	----	----	----	----	----	----	----	6.514
759	4.901	62.41	----	6.510	----	----	----	----	----	----	----	6.510
760	4.900	62.41	----	6.505	----	----	----	----	----	----	----	6.505
761	4.900	62.41	----	6.501	----	----	----	----	----	----	----	6.501
762	4.899	62.41	----	6.497	----	----	----	----	----	----	----	6.497
763	4.897	62.41	----	6.492	----	----	----	----	----	----	----	6.492
764	4.895	62.41	----	6.488	----	----	----	----	----	----	----	6.488
765	4.893	62.40	----	6.483	----	----	----	----	----	----	----	6.483
766	4.890	62.40	----	6.479	----	----	----	----	----	----	----	6.479
767	4.887	62.40	----	6.475	----	----	----	----	----	----	----	6.475
768	4.883	62.40	----	6.470	----	----	----	----	----	----	----	6.470

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Hydrograph Discharge Table

Time (min)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
769	4.878	62.40	----	6.466	----	----	----	----	----	----	----	6.466
770	4.873	62.40	----	6.461	----	----	----	----	----	----	----	6.461
771	4.867	62.39	----	6.456	----	----	----	----	----	----	----	6.456
772	4.861	62.39	----	6.452	----	----	----	----	----	----	----	6.452
773	4.855	62.39	----	6.447	----	----	----	----	----	----	----	6.447
774	4.848	62.39	----	6.443	----	----	----	----	----	----	----	6.443
775	4.842	62.39	----	6.438	----	----	----	----	----	----	----	6.438
776	4.836	62.39	----	6.433	----	----	----	----	----	----	----	6.433
777	4.829	62.38	----	6.429	----	----	----	----	----	----	----	6.429
778	4.823	62.38	----	6.424	----	----	----	----	----	----	----	6.424
779	4.816	62.38	----	6.420	----	----	----	----	----	----	----	6.420
780	4.810	62.38	----	6.415	----	----	----	----	----	----	----	6.415
781	4.804	62.38	----	6.410	----	----	----	----	----	----	----	6.410
782	4.798	62.38	----	6.406	----	----	----	----	----	----	----	6.406
783	4.793	62.37	----	6.401	----	----	----	----	----	----	----	6.401
784	4.788	62.37	----	6.397	----	----	----	----	----	----	----	6.397
785	4.783	62.37	----	6.392	----	----	----	----	----	----	----	6.392
786	4.779	62.37	----	6.387	----	----	----	----	----	----	----	6.387
787	4.775	62.37	----	6.383	----	----	----	----	----	----	----	6.383
788	4.771	62.37	----	6.378	----	----	----	----	----	----	----	6.378
789	4.767	62.36	----	6.373	----	----	----	----	----	----	----	6.373
790	4.764	62.36	----	6.369	----	----	----	----	----	----	----	6.369
791	4.761	62.36	----	6.364	----	----	----	----	----	----	----	6.364
792	4.758	62.36	----	6.360	----	----	----	----	----	----	----	6.360
793	4.756	62.36	----	6.355	----	----	----	----	----	----	----	6.355
794	4.753	62.36	----	6.350	----	----	----	----	----	----	----	6.350
795	4.751	62.35	----	6.346	----	----	----	----	----	----	----	6.346
796	4.749	62.35	----	6.341	----	----	----	----	----	----	----	6.341
797	4.747	62.35	----	6.337	----	----	----	----	----	----	----	6.337
798	4.745	62.35	----	6.332	----	----	----	----	----	----	----	6.332
799	4.743	62.35	----	6.327	----	----	----	----	----	----	----	6.327
800	4.742	62.35	----	6.323	----	----	----	----	----	----	----	6.323
801	4.740	62.34	----	6.318	----	----	----	----	----	----	----	6.318
802	4.739	62.34	----	6.314	----	----	----	----	----	----	----	6.314
803	4.737	62.34	----	6.309	----	----	----	----	----	----	----	6.309
804	4.734	62.34	----	6.305	----	----	----	----	----	----	----	6.305
805	4.731	62.34	----	6.300	----	----	----	----	----	----	----	6.300
806	4.728	62.34	----	6.296	----	----	----	----	----	----	----	6.296
807	4.725	62.33	----	6.291	----	----	----	----	----	----	----	6.291
808	4.721	62.33	----	6.287	----	----	----	----	----	----	----	6.287
809	4.717	62.33	----	6.282	----	----	----	----	----	----	----	6.282
810	4.713	62.33	----	6.278	----	----	----	----	----	----	----	6.278
811	4.708	62.33	----	6.273	----	----	----	----	----	----	----	6.273
812	4.704	62.33	----	6.269	----	----	----	----	----	----	----	6.269
813	4.699	62.32	----	6.264	----	----	----	----	----	----	----	6.264
814	4.695	62.32	----	6.260	----	----	----	----	----	----	----	6.260
815	4.690	62.32	----	6.255	----	----	----	----	----	----	----	6.255
816	4.685	62.32	----	6.251	----	----	----	----	----	----	----	6.251
817	4.680	62.32	----	6.246	----	----	----	----	----	----	----	6.246
818	4.675	62.32	----	6.242	----	----	----	----	----	----	----	6.242
819	4.670	62.31	----	6.237	----	----	----	----	----	----	----	6.237
820	4.665	62.31	----	6.233	----	----	----	----	----	----	----	6.232
821	4.660	62.31	----	6.228	----	----	----	----	----	----	----	6.228
822	4.654	62.31	----	6.223	----	----	----	----	----	----	----	6.223
823	4.648	62.31	----	6.219	----	----	----	----	----	----	----	6.219
824	4.643	62.31	----	6.214	----	----	----	----	----	----	----	6.214

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Hydrograph Discharge Table

Time (min)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
825	4.637	62.30	----	6.210	----	----	----	----	----	----	----	6.210
826	4.630	62.30	----	6.205	----	----	----	----	----	----	----	6.205
827	4.624	62.30	----	6.201	----	----	----	----	----	----	----	6.201
828	4.618	62.30	----	6.196	----	----	----	----	----	----	----	6.196
829	4.612	62.30	----	6.191	----	----	----	----	----	----	----	6.191
830	4.605	62.30	----	6.187	----	----	----	----	----	----	----	6.187
831	4.599	62.29	----	6.182	----	----	----	----	----	----	----	6.182
832	4.592	62.29	----	6.177	----	----	----	----	----	----	----	6.177
833	4.585	62.29	----	6.172	----	----	----	----	----	----	----	6.172
834	4.579	62.29	----	6.168	----	----	----	----	----	----	----	6.168
835	4.572	62.29	----	6.163	----	----	----	----	----	----	----	6.163
836	4.565	62.29	----	6.158	----	----	----	----	----	----	----	6.158
837	4.559	62.28	----	6.153	----	----	----	----	----	----	----	6.153
838	4.552	62.28	----	6.148	----	----	----	----	----	----	----	6.148
839	4.545	62.28	----	6.144	----	----	----	----	----	----	----	6.144
840	4.539	62.28	----	6.139	----	----	----	----	----	----	----	6.139
841	4.532	62.28	----	6.134	----	----	----	----	----	----	----	6.134
842	4.526	62.28	----	6.129	----	----	----	----	----	----	----	6.129
843	4.519	62.27	----	6.124	----	----	----	----	----	----	----	6.124
844	4.513	62.27	----	6.119	----	----	----	----	----	----	----	6.119
845	4.507	62.27	----	6.115	----	----	----	----	----	----	----	6.115
846	4.501	62.27	----	6.110	----	----	----	----	----	----	----	6.110
847	4.495	62.27	----	6.105	----	----	----	----	----	----	----	6.105
848	4.490	62.27	----	6.100	----	----	----	----	----	----	----	6.100
849	4.484	62.26	----	6.095	----	----	----	----	----	----	----	6.095
850	4.479	62.26	----	6.090	----	----	----	----	----	----	----	6.090
851	4.474	62.26	----	6.085	----	----	----	----	----	----	----	6.085
852	4.470	62.26	----	6.081	----	----	----	----	----	----	----	6.081
853	4.466	62.26	----	6.076	----	----	----	----	----	----	----	6.076
854	4.461	62.26	----	6.071	----	----	----	----	----	----	----	6.071
855	4.458	62.25	----	6.066	----	----	----	----	----	----	----	6.066
856	4.454	62.25	----	6.061	----	----	----	----	----	----	----	6.061
857	4.451	62.25	----	6.056	----	----	----	----	----	----	----	6.056
858	4.448	62.25	----	6.052	----	----	----	----	----	----	----	6.052
859	4.445	62.25	----	6.047	----	----	----	----	----	----	----	6.047
860	4.442	62.25	----	6.042	----	----	----	----	----	----	----	6.042
861	4.439	62.24	----	6.037	----	----	----	----	----	----	----	6.037
862	4.437	62.24	----	6.032	----	----	----	----	----	----	----	6.032
863	4.434	62.24	----	6.027	----	----	----	----	----	----	----	6.027
864	4.432	62.24	----	6.023	----	----	----	----	----	----	----	6.023
865	4.429	62.24	----	6.018	----	----	----	----	----	----	----	6.018
866	4.427	62.24	----	6.013	----	----	----	----	----	----	----	6.013
867	4.425	62.23	----	6.008	----	----	----	----	----	----	----	6.008
868	4.423	62.23	----	6.003	----	----	----	----	----	----	----	6.003
869	4.420	62.23	----	5.999	----	----	----	----	----	----	----	5.999
870	4.418	62.23	----	5.994	----	----	----	----	----	----	----	5.994
871	4.416	62.23	----	5.989	----	----	----	----	----	----	----	5.989
872	4.414	62.23	----	5.984	----	----	----	----	----	----	----	5.984
873	4.412	62.22	----	5.980	----	----	----	----	----	----	----	5.980
874	4.410	62.22	----	5.975	----	----	----	----	----	----	----	5.975
875	4.408	62.22	----	5.970	----	----	----	----	----	----	----	5.970
876	4.405	62.22	----	5.966	----	----	----	----	----	----	----	5.966
877	4.403	62.22	----	5.961	----	----	----	----	----	----	----	5.961
878	4.401	62.22	----	5.956	----	----	----	----	----	----	----	5.956
879	4.399	62.22	----	5.952	----	----	----	----	----	----	----	5.952
880	4.397	62.21	----	5.947	----	----	----	----	----	----	----	5.947

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Hydrograph Discharge Table

Time (min)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
881	4.395	62.21	----	5.942	----	----	----	----	----	----	----	5.942
882	4.393	62.21	----	5.938	----	----	----	----	----	----	----	5.938
883	4.390	62.21	----	5.933	----	----	----	----	----	----	----	5.933
884	4.388	62.21	----	5.928	----	----	----	----	----	----	----	5.928
885	4.386	62.21	----	5.924	----	----	----	----	----	----	----	5.924
886	4.384	62.20	----	5.919	----	----	----	----	----	----	----	5.919
887	4.381	62.20	----	5.914	----	----	----	----	----	----	----	5.914
888	4.379	62.20	----	5.910	----	----	----	----	----	----	----	5.910
889	4.377	62.20	----	5.905	----	----	----	----	----	----	----	5.905
890	4.374	62.20	----	5.900	----	----	----	----	----	----	----	5.900
891	4.372	62.20	----	5.895	----	----	----	----	----	----	----	5.895
892	4.369	62.19	----	5.890	----	----	----	----	----	----	----	5.890
893	4.367	62.19	----	5.886	----	----	----	----	----	----	----	5.886
894	4.364	62.19	----	5.881	----	----	----	----	----	----	----	5.881
895	4.361	62.19	----	5.876	----	----	----	----	----	----	----	5.876
896	4.359	62.19	----	5.871	----	----	----	----	----	----	----	5.871
897	4.356	62.19	----	5.866	----	----	----	----	----	----	----	5.866
898	4.353	62.18	----	5.862	----	----	----	----	----	----	----	5.862
899	4.351	62.18	----	5.857	----	----	----	----	----	----	----	5.857
900	4.348	62.18	----	5.852	----	----	----	----	----	----	----	5.852
901	4.345	62.18	----	5.847	----	----	----	----	----	----	----	5.847
902	4.342	62.18	----	5.843	----	----	----	----	----	----	----	5.843
903	4.339	62.18	----	5.838	----	----	----	----	----	----	----	5.838
904	4.336	62.18	----	5.833	----	----	----	----	----	----	----	5.833
905	4.333	62.17	----	5.828	----	----	----	----	----	----	----	5.828
906	4.330	62.17	----	5.824	----	----	----	----	----	----	----	5.824
907	4.327	62.17	----	5.819	----	----	----	----	----	----	----	5.819
908	4.324	62.17	----	5.814	----	----	----	----	----	----	----	5.814
909	4.321	62.17	----	5.809	----	----	----	----	----	----	----	5.809
910	4.318	62.17	----	5.805	----	----	----	----	----	----	----	5.805
911	4.315	62.16	----	5.800	----	----	----	----	----	----	----	5.800
912	4.312	62.16	----	5.795	----	----	----	----	----	----	----	5.795
913	4.309	62.16	----	5.791	----	----	----	----	----	----	----	5.791
914	4.306	62.16	----	5.786	----	----	----	----	----	----	----	5.786
915	4.302	62.16	----	5.781	----	----	----	----	----	----	----	5.781
916	4.299	62.16	----	5.777	----	----	----	----	----	----	----	5.777
917	4.296	62.16	----	5.772	----	----	----	----	----	----	----	5.772
918	4.293	62.15	----	5.767	----	----	----	----	----	----	----	5.767
919	4.290	62.15	----	5.762	----	----	----	----	----	----	----	5.762
920	4.287	62.15	----	5.758	----	----	----	----	----	----	----	5.758
921	4.284	62.15	----	5.753	----	----	----	----	----	----	----	5.753
922	4.281	62.15	----	5.748	----	----	----	----	----	----	----	5.749
923	4.278	62.15	----	5.744	----	----	----	----	----	----	----	5.744
924	4.275	62.14	----	5.739	----	----	----	----	----	----	----	5.739
925	4.271	62.14	----	5.735	----	----	----	----	----	----	----	5.735
926	4.268	62.14	----	5.730	----	----	----	----	----	----	----	5.730
927	4.265	62.14	----	5.725	----	----	----	----	----	----	----	5.725
928	4.262	62.14	----	5.721	----	----	----	----	----	----	----	5.721
929	4.259	62.14	----	5.716	----	----	----	----	----	----	----	5.716
930	4.256	62.14	----	5.711	----	----	----	----	----	----	----	5.711
931	4.253	62.13	----	5.707	----	----	----	----	----	----	----	5.707
932	4.250	62.13	----	5.702	----	----	----	----	----	----	----	5.702
933	4.247	62.13	----	5.698	----	----	----	----	----	----	----	5.698
934	4.243	62.13	----	5.693	----	----	----	----	----	----	----	5.693
935	4.240	62.13	----	5.688	----	----	----	----	----	----	----	5.688
936	4.237	62.13	----	5.684	----	----	----	----	----	----	----	5.684

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Hydrograph Discharge Table

Time (min)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
937	4.234	62.12	----	5.679	----	----	----	----	----	----	----	5.679
938	4.231	62.12	----	5.675	----	----	----	----	----	----	----	5.675
939	4.228	62.12	----	5.670	----	----	----	----	----	----	----	5.670
940	4.225	62.12	----	5.666	----	----	----	----	----	----	----	5.666
941	4.222	62.12	----	5.661	----	----	----	----	----	----	----	5.661
942	4.219	62.12	----	5.656	----	----	----	----	----	----	----	5.656
943	4.215	62.12	----	5.652	----	----	----	----	----	----	----	5.652
944	4.212	62.11	----	5.647	----	----	----	----	----	----	----	5.647
945	4.209	62.11	----	5.643	----	----	----	----	----	----	----	5.643
946	4.206	62.11	----	5.638	----	----	----	----	----	----	----	5.638
947	4.203	62.11	----	5.634	----	----	----	----	----	----	----	5.634
948	4.200	62.11	----	5.629	----	----	----	----	----	----	----	5.629
949	4.197	62.11	----	5.625	----	----	----	----	----	----	----	5.625
950	4.194	62.11	----	5.620	----	----	----	----	----	----	----	5.620
951	4.191	62.10	----	5.616	----	----	----	----	----	----	----	5.616
952	4.187	62.10	----	5.611	----	----	----	----	----	----	----	5.611
953	4.184	62.10	----	5.607	----	----	----	----	----	----	----	5.607
954	4.181	62.10	----	5.602	----	----	----	----	----	----	----	5.602
955	4.178	62.10	----	5.597	----	----	----	----	----	----	----	5.597
956	4.175	62.10	----	5.592	----	----	----	----	----	----	----	5.592
957	4.172	62.09	----	5.588	----	----	----	----	----	----	----	5.588
958	4.169	62.09	----	5.583	----	----	----	----	----	----	----	5.583
959	4.165	62.09	----	5.578	----	----	----	----	----	----	----	5.578
960	4.162	62.09	----	5.573	----	----	----	----	----	----	----	5.573
961	4.159	62.09	----	5.569	----	----	----	----	----	----	----	5.569
962	4.156	62.09	----	5.564	----	----	----	----	----	----	----	5.564
963	4.153	62.09	----	5.559	----	----	----	----	----	----	----	5.559
964	4.150	62.08	----	5.555	----	----	----	----	----	----	----	5.555
965	4.147	62.08	----	5.550	----	----	----	----	----	----	----	5.550
966	4.144	62.08	----	5.545	----	----	----	----	----	----	----	5.545
967	4.140	62.08	----	5.540	----	----	----	----	----	----	----	5.540
968	4.137	62.08	----	5.536	----	----	----	----	----	----	----	5.536
969	4.134	62.08	----	5.531	----	----	----	----	----	----	----	5.531
970	4.131	62.08	----	5.526	----	----	----	----	----	----	----	5.526
971	4.128	62.07	----	5.522	----	----	----	----	----	----	----	5.522
972	4.125	62.07	----	5.517	----	----	----	----	----	----	----	5.517
973	4.122	62.07	----	5.512	----	----	----	----	----	----	----	5.512
974	4.118	62.07	----	5.508	----	----	----	----	----	----	----	5.508
975	4.115	62.07	----	5.503	----	----	----	----	----	----	----	5.503
976	4.112	62.07	----	5.498	----	----	----	----	----	----	----	5.498
977	4.109	62.07	----	5.494	----	----	----	----	----	----	----	5.494
978	4.106	62.06	----	5.489	----	----	----	----	----	----	----	5.489
979	4.103	62.06	----	5.484	----	----	----	----	----	----	----	5.484
980	4.100	62.06	----	5.480	----	----	----	----	----	----	----	5.480
981	4.096	62.06	----	5.475	----	----	----	----	----	----	----	5.475
982	4.093	62.06	----	5.471	----	----	----	----	----	----	----	5.471
983	4.090	62.06	----	5.466	----	----	----	----	----	----	----	5.466
984	4.087	62.06	----	5.461	----	----	----	----	----	----	----	5.461
985	4.084	62.05	----	5.457	----	----	----	----	----	----	----	5.457
986	4.081	62.05	----	5.452	----	----	----	----	----	----	----	5.452
987	4.078	62.05	----	5.448	----	----	----	----	----	----	----	5.448
988	4.074	62.05	----	5.443	----	----	----	----	----	----	----	5.443
989	4.071	62.05	----	5.438	----	----	----	----	----	----	----	5.438
990	4.068	62.05	----	5.434	----	----	----	----	----	----	----	5.434
991	4.065	62.05	----	5.429	----	----	----	----	----	----	----	5.429
992	4.062	62.04	----	5.425	----	----	----	----	----	----	----	5.425

Continues on next page...

Hydrograph Discharge Table

Time (min)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
993	4.059	62.04	----	5.420	----	----	----	----	----	----	----	5.420
994	4.055	62.04	----	5.416	----	----	----	----	----	----	----	5.416
995	4.052	62.04	----	5.411	----	----	----	----	----	----	----	5.411
996	4.049	62.04	----	5.406	----	----	----	----	----	----	----	5.406
997	4.046	62.04	----	5.402	----	----	----	----	----	----	----	5.402
998	4.043	62.04	----	5.397	----	----	----	----	----	----	----	5.397
999	4.040	62.03	----	5.393	----	----	----	----	----	----	----	5.393
1000	4.036	62.03	----	5.388	----	----	----	----	----	----	----	5.388
1001	4.033	62.03	----	5.384	----	----	----	----	----	----	----	5.384
1002	4.030	62.03	----	5.379	----	----	----	----	----	----	----	5.379
1003	4.027	62.03	----	5.375	----	----	----	----	----	----	----	5.375
1004	4.024	62.03	----	5.370	----	----	----	----	----	----	----	5.370
1005	4.021	62.03	----	5.366	----	----	----	----	----	----	----	5.366
1006	4.018	62.02	----	5.361	----	----	----	----	----	----	----	5.361
1007	4.014	62.02	----	5.357	----	----	----	----	----	----	----	5.357
1008	4.011	62.02	----	5.352	----	----	----	----	----	----	----	5.352
1009	4.008	62.02	----	5.348	----	----	----	----	----	----	----	5.348
1010	4.005	62.02	----	5.343	----	----	----	----	----	----	----	5.343
1011	4.002	62.02	----	5.339	----	----	----	----	----	----	----	5.339
1012	3.999	62.02	----	5.334	----	----	----	----	----	----	----	5.334
1013	3.995	62.01	----	5.330	----	----	----	----	----	----	----	5.330
1014	3.992	62.01	----	5.325	----	----	----	----	----	----	----	5.325
1015	3.989	62.01	----	5.321	----	----	----	----	----	----	----	5.321
1016	3.986	62.01	----	5.316	----	----	----	----	----	----	----	5.316
1017	3.983	62.01	----	5.312	----	----	----	----	----	----	----	5.312
1018	3.979	62.01	----	5.307	----	----	----	----	----	----	----	5.307
1019	3.976	62.01	----	5.303	----	----	----	----	----	----	----	5.303
1020	3.973	62.00	----	5.299	----	----	----	----	----	----	----	5.299
1021	3.970	62.00	----	5.294	----	----	----	----	----	----	----	5.294
1022	3.967	62.00	----	5.290	----	----	----	----	----	----	----	5.290
1023	3.964	62.00	----	5.285	----	----	----	----	----	----	----	5.285
1024	3.960	62.00	----	5.280	----	----	----	----	----	----	----	5.280
1025	3.957	62.00	----	5.275	----	----	----	----	----	----	----	5.275
1026	3.954	62.00	----	5.270	----	----	----	----	----	----	----	5.270
1027	3.951	61.99	----	5.265	----	----	----	----	----	----	----	5.265
1028	3.948	61.99	----	5.259	----	----	----	----	----	----	----	5.259
1029	3.945	61.99	----	5.254	----	----	----	----	----	----	----	5.254
1030	3.941	61.99	----	5.249	----	----	----	----	----	----	----	5.249
1031	3.938	61.99	----	5.244	----	----	----	----	----	----	----	5.244
1032	3.935	61.99	----	5.239	----	----	----	----	----	----	----	5.239
1033	3.932	61.99	----	5.233	----	----	----	----	----	----	----	5.233
1034	3.929	61.98	----	5.228	----	----	----	----	----	----	----	5.228
1035	3.925	61.98	----	5.223	----	----	----	----	----	----	----	5.223
1036	3.922	61.98	----	5.218	----	----	----	----	----	----	----	5.218
1037	3.919	61.98	----	5.213	----	----	----	----	----	----	----	5.213
1038	3.916	61.98	----	5.208	----	----	----	----	----	----	----	5.208
1039	3.913	61.98	----	5.202	----	----	----	----	----	----	----	5.202
1040	3.910	61.97	----	5.197	----	----	----	----	----	----	----	5.197
1041	3.906	61.97	----	5.192	----	----	----	----	----	----	----	5.192
1042	3.903	61.97	----	5.187	----	----	----	----	----	----	----	5.187
1043	3.900	61.97	----	5.182	----	----	----	----	----	----	----	5.182
1044	3.897	61.97	----	5.177	----	----	----	----	----	----	----	5.177
1045	3.894	61.97	----	5.172	----	----	----	----	----	----	----	5.172
1046	3.890	61.97	----	5.167	----	----	----	----	----	----	----	5.167
1047	3.887	61.96	----	5.162	----	----	----	----	----	----	----	5.162
1048	3.884	61.96	----	5.157	----	----	----	----	----	----	----	5.157

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Hydrograph Discharge Table

Time (min)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
1049	3.881	61.96	----	5.152	----	----	----	----	----	----	----	5.152
1050	3.878	61.96	----	5.147	----	----	----	----	----	----	----	5.147
1051	3.874	61.96	----	5.142	----	----	----	----	----	----	----	5.142
1052	3.871	61.96	----	5.137	----	----	----	----	----	----	----	5.137
1053	3.868	61.96	----	5.132	----	----	----	----	----	----	----	5.131
1054	3.865	61.95	----	5.126	----	----	----	----	----	----	----	5.126
1055	3.862	61.95	----	5.121	----	----	----	----	----	----	----	5.121
1056	3.858	61.95	----	5.116	----	----	----	----	----	----	----	5.116
1057	3.855	61.95	----	5.111	----	----	----	----	----	----	----	5.111
1058	3.852	61.95	----	5.106	----	----	----	----	----	----	----	5.106
1059	3.849	61.95	----	5.102	----	----	----	----	----	----	----	5.102
1060	3.846	61.94	----	5.097	----	----	----	----	----	----	----	5.097
1061	3.842	61.94	----	5.092	----	----	----	----	----	----	----	5.092
1062	3.839	61.94	----	5.087	----	----	----	----	----	----	----	5.087
1063	3.836	61.94	----	5.082	----	----	----	----	----	----	----	5.082
1064	3.833	61.94	----	5.077	----	----	----	----	----	----	----	5.077
1065	3.830	61.94	----	5.072	----	----	----	----	----	----	----	5.072
1066	3.826	61.94	----	5.067	----	----	----	----	----	----	----	5.067
1067	3.823	61.93	----	5.062	----	----	----	----	----	----	----	5.062
1068	3.820	61.93	----	5.057	----	----	----	----	----	----	----	5.057
1069	3.817	61.93	----	5.052	----	----	----	----	----	----	----	5.052
1070	3.814	61.93	----	5.047	----	----	----	----	----	----	----	5.047
1071	3.810	61.93	----	5.042	----	----	----	----	----	----	----	5.042
1072	3.807	61.93	----	5.037	----	----	----	----	----	----	----	5.037
1073	3.804	61.93	----	5.033	----	----	----	----	----	----	----	5.033
1074	3.801	61.92	----	5.028	----	----	----	----	----	----	----	5.028
1075	3.798	61.92	----	5.023	----	----	----	----	----	----	----	5.023
1076	3.794	61.92	----	5.018	----	----	----	----	----	----	----	5.018
1077	3.791	61.92	----	5.013	----	----	----	----	----	----	----	5.013
1078	3.788	61.92	----	5.008	----	----	----	----	----	----	----	5.008
1079	3.785	61.92	----	5.003	----	----	----	----	----	----	----	5.003
1080	3.782	61.92	----	4.999	----	----	----	----	----	----	----	4.999
1081	3.778	61.91	----	4.994	----	----	----	----	----	----	----	4.994
1082	3.775	61.91	----	4.989	----	----	----	----	----	----	----	4.989
1083	3.772	61.91	----	4.984	----	----	----	----	----	----	----	4.984
1084	3.769	61.91	----	4.979	----	----	----	----	----	----	----	4.979
1085	3.765	61.91	----	4.974	----	----	----	----	----	----	----	4.974
1086	3.762	61.91	----	4.970	----	----	----	----	----	----	----	4.970
1087	3.759	61.91	----	4.965	----	----	----	----	----	----	----	4.965
1088	3.756	61.90	----	4.960	----	----	----	----	----	----	----	4.960
1089	3.753	61.90	----	4.955	----	----	----	----	----	----	----	4.955
1090	3.749	61.90	----	4.951	----	----	----	----	----	----	----	4.951
1091	3.746	61.90	----	4.946	----	----	----	----	----	----	----	4.946
1092	3.743	61.90	----	4.941	----	----	----	----	----	----	----	4.941
1093	3.740	61.90	----	4.936	----	----	----	----	----	----	----	4.936
1094	3.737	61.90	----	4.931	----	----	----	----	----	----	----	4.931
1095	3.733	61.90	----	4.926	----	----	----	----	----	----	----	4.926
1096	3.730	61.89	----	4.920	----	----	----	----	----	----	----	4.920
1097	3.727	61.89	----	4.915	----	----	----	----	----	----	----	4.915
1098	3.724	61.89	----	4.910	----	----	----	----	----	----	----	4.910
1099	3.720	61.89	----	4.905	----	----	----	----	----	----	----	4.905
1100	3.717	61.89	----	4.900	----	----	----	----	----	----	----	4.900
1101	3.714	61.89	----	4.895	----	----	----	----	----	----	----	4.895
1102	3.711	61.89	----	4.890	----	----	----	----	----	----	----	4.890
1103	3.708	61.88	----	4.885	----	----	----	----	----	----	----	4.885
1104	3.704	61.88	----	4.880	----	----	----	----	----	----	----	4.880

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Hydrograph Discharge Table

Time (min)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
1105	3.701	61.88	----	4.875	----	----	----	----	----	----	----	4.875
1106	3.698	61.88	----	4.870	----	----	----	----	----	----	----	4.870
1107	3.695	61.88	----	4.865	----	----	----	----	----	----	----	4.865
1108	3.691	61.88	----	4.860	----	----	----	----	----	----	----	4.860
1109	3.688	61.88	----	4.855	----	----	----	----	----	----	----	4.855
1110	3.685	61.87	----	4.850	----	----	----	----	----	----	----	4.850
1111	3.682	61.87	----	4.845	----	----	----	----	----	----	----	4.845
1112	3.679	61.87	----	4.840	----	----	----	----	----	----	----	4.840
1113	3.675	61.87	----	4.835	----	----	----	----	----	----	----	4.835
1114	3.672	61.87	----	4.830	----	----	----	----	----	----	----	4.830
1115	3.669	61.87	----	4.825	----	----	----	----	----	----	----	4.825
1116	3.666	61.87	----	4.820	----	----	----	----	----	----	----	4.820
1117	3.662	61.87	----	4.815	----	----	----	----	----	----	----	4.815
1118	3.659	61.86	----	4.811	----	----	----	----	----	----	----	4.811
1119	3.656	61.86	----	4.806	----	----	----	----	----	----	----	4.806
1120	3.653	61.86	----	4.801	----	----	----	----	----	----	----	4.801
1121	3.649	61.86	----	4.796	----	----	----	----	----	----	----	4.796
1122	3.646	61.86	----	4.791	----	----	----	----	----	----	----	4.791
1123	3.643	61.86	----	4.786	----	----	----	----	----	----	----	4.786
1124	3.640	61.86	----	4.781	----	----	----	----	----	----	----	4.781
1125	3.637	61.85	----	4.776	----	----	----	----	----	----	----	4.776
1126	3.633	61.85	----	4.771	----	----	----	----	----	----	----	4.771
1127	3.630	61.85	----	4.767	----	----	----	----	----	----	----	4.767
1128	3.627	61.85	----	4.762	----	----	----	----	----	----	----	4.762
1129	3.624	61.85	----	4.757	----	----	----	----	----	----	----	4.757
1130	3.620	61.85	----	4.752	----	----	----	----	----	----	----	4.752
1131	3.617	61.85	----	4.747	----	----	----	----	----	----	----	4.747
1132	3.614	61.85	----	4.742	----	----	----	----	----	----	----	4.742
1133	3.611	61.84	----	4.738	----	----	----	----	----	----	----	4.738
1134	3.607	61.84	----	4.733	----	----	----	----	----	----	----	4.733
1135	3.604	61.84	----	4.728	----	----	----	----	----	----	----	4.728
1136	3.601	61.84	----	4.723	----	----	----	----	----	----	----	4.723
1137	3.598	61.84	----	4.718	----	----	----	----	----	----	----	4.718
1138	3.594	61.84	----	4.714	----	----	----	----	----	----	----	4.714
1139	3.591	61.84	----	4.709	----	----	----	----	----	----	----	4.709
1140	3.588	61.83	----	4.704	----	----	----	----	----	----	----	4.704
1141	3.585	61.83	----	4.699	----	----	----	----	----	----	----	4.699
1142	3.582	61.83	----	4.695	----	----	----	----	----	----	----	4.695
1143	3.578	61.83	----	4.690	----	----	----	----	----	----	----	4.690
1144	3.575	61.83	----	4.685	----	----	----	----	----	----	----	4.685
1145	3.572	61.83	----	4.680	----	----	----	----	----	----	----	4.680
1146	3.569	61.83	----	4.676	----	----	----	----	----	----	----	4.676
1147	3.565	61.83	----	4.671	----	----	----	----	----	----	----	4.671
1148	3.562	61.82	----	4.666	----	----	----	----	----	----	----	4.666
1149	3.559	61.82	----	4.662	----	----	----	----	----	----	----	4.662
1150	3.556	61.82	----	4.657	----	----	----	----	----	----	----	4.657
1151	3.552	61.82	----	4.652	----	----	----	----	----	----	----	4.652
1152	3.549	61.82	----	4.647	----	----	----	----	----	----	----	4.647
1153	3.546	61.82	----	4.643	----	----	----	----	----	----	----	4.643
1154	3.543	61.82	----	4.638	----	----	----	----	----	----	----	4.638
1155	3.539	61.82	----	4.633	----	----	----	----	----	----	----	4.633
1156	3.536	61.81	----	4.629	----	----	----	----	----	----	----	4.629
1157	3.533	61.81	----	4.624	----	----	----	----	----	----	----	4.624
1158	3.530	61.81	----	4.619	----	----	----	----	----	----	----	4.619
1159	3.526	61.81	----	4.615	----	----	----	----	----	----	----	4.615
1160	3.523	61.81	----	4.610	----	----	----	----	----	----	----	4.610

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Hydrograph Discharge Table

Time (min)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
1161	3.520	61.81	----	4.606	----	----	----	----	----	----	----	4.606
1162	3.517	61.81	----	4.601	----	----	----	----	----	----	----	4.601
1163	3.513	61.81	----	4.596	----	----	----	----	----	----	----	4.596
1164	3.510	61.80	----	4.592	----	----	----	----	----	----	----	4.592
1165	3.507	61.80	----	4.587	----	----	----	----	----	----	----	4.587
1166	3.504	61.80	----	4.582	----	----	----	----	----	----	----	4.582
1167	3.500	61.80	----	4.578	----	----	----	----	----	----	----	4.578
1168	3.497	61.80	----	4.573	----	----	----	----	----	----	----	4.573
1169	3.494	61.80	----	4.568	----	----	----	----	----	----	----	4.568
1170	3.491	61.80	----	4.563	----	----	----	----	----	----	----	4.563
1171	3.487	61.80	----	4.558	----	----	----	----	----	----	----	4.558
1172	3.484	61.79	----	4.553	----	----	----	----	----	----	----	4.553
1173	3.481	61.79	----	4.548	----	----	----	----	----	----	----	4.548
1174	3.478	61.79	----	4.543	----	----	----	----	----	----	----	4.543
1175	3.474	61.79	----	4.538	----	----	----	----	----	----	----	4.538
1176	3.471	61.79	----	4.533	----	----	----	----	----	----	----	4.533
1177	3.468	61.79	----	4.528	----	----	----	----	----	----	----	4.528
1178	3.465	61.79	----	4.523	----	----	----	----	----	----	----	4.523
1179	3.461	61.79	----	4.519	----	----	----	----	----	----	----	4.519
1180	3.458	61.78	----	4.514	----	----	----	----	----	----	----	4.514
1181	3.455	61.78	----	4.509	----	----	----	----	----	----	----	4.509
1182	3.452	61.78	----	4.504	----	----	----	----	----	----	----	4.504
1183	3.448	61.78	----	4.499	----	----	----	----	----	----	----	4.499
1184	3.445	61.78	----	4.494	----	----	----	----	----	----	----	4.494
1185	3.442	61.78	----	4.489	----	----	----	----	----	----	----	4.489
1186	3.439	61.78	----	4.484	----	----	----	----	----	----	----	4.484
1187	3.435	61.78	----	4.480	----	----	----	----	----	----	----	4.480
1188	3.432	61.77	----	4.475	----	----	----	----	----	----	----	4.475
1189	3.429	61.77	----	4.470	----	----	----	----	----	----	----	4.470
1190	3.425	61.77	----	4.465	----	----	----	----	----	----	----	4.465
1191	3.422	61.77	----	4.460	----	----	----	----	----	----	----	4.460
1192	3.419	61.77	----	4.455	----	----	----	----	----	----	----	4.455
1193	3.416	61.77	----	4.451	----	----	----	----	----	----	----	4.451
1194	3.412	61.77	----	4.446	----	----	----	----	----	----	----	4.446
1195	3.409	61.77	----	4.441	----	----	----	----	----	----	----	4.441
1196	3.406	61.76	----	4.436	----	----	----	----	----	----	----	4.436
1197	3.403	61.76	----	4.431	----	----	----	----	----	----	----	4.431
1198	3.399	61.76	----	4.427	----	----	----	----	----	----	----	4.427
1199	3.396	61.76	----	4.422	----	----	----	----	----	----	----	4.422
1200	3.393	61.76	----	4.417	----	----	----	----	----	----	----	4.417
1201	3.390	61.76	----	4.412	----	----	----	----	----	----	----	4.412
1202	3.386	61.76	----	4.408	----	----	----	----	----	----	----	4.408
1203	3.383	61.76	----	4.403	----	----	----	----	----	----	----	4.403
1204	3.380	61.76	----	4.398	----	----	----	----	----	----	----	4.398
1205	3.377	61.75	----	4.393	----	----	----	----	----	----	----	4.393
1206	3.373	61.75	----	4.389	----	----	----	----	----	----	----	4.389
1207	3.370	61.75	----	4.384	----	----	----	----	----	----	----	4.384
1208	3.367	61.75	----	4.379	----	----	----	----	----	----	----	4.379
1209	3.363	61.75	----	4.375	----	----	----	----	----	----	----	4.375
1210	3.360	61.75	----	4.370	----	----	----	----	----	----	----	4.370
1211	3.357	61.75	----	4.365	----	----	----	----	----	----	----	4.365
1212	3.354	61.75	----	4.361	----	----	----	----	----	----	----	4.361
1213	3.350	61.74	----	4.356	----	----	----	----	----	----	----	4.356
1214	3.347	61.74	----	4.351	----	----	----	----	----	----	----	4.351
1215	3.344	61.74	----	4.347	----	----	----	----	----	----	----	4.347
1216	3.341	61.74	----	4.342	----	----	----	----	----	----	----	4.342

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Hydrograph Discharge Table

Time (min)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
1217	3.337	61.74	----	4.337	----	----	----	----	----	----	----	4.337
1218	3.334	61.74	----	4.333	----	----	----	----	----	----	----	4.333
1219	3.331	61.74	----	4.328	----	----	----	----	----	----	----	4.328
1220	3.327	61.74	----	4.323	----	----	----	----	----	----	----	4.323
1221	3.324	61.74	----	4.319	----	----	----	----	----	----	----	4.319
1222	3.321	61.73	----	4.314	----	----	----	----	----	----	----	4.314
1223	3.318	61.73	----	4.310	----	----	----	----	----	----	----	4.310
1224	3.314	61.73	----	4.305	----	----	----	----	----	----	----	4.305
1225	3.311	61.73	----	4.300	----	----	----	----	----	----	----	4.300
1226	3.308	61.73	----	4.296	----	----	----	----	----	----	----	4.296
1227	3.305	61.73	----	4.291	----	----	----	----	----	----	----	4.291
1228	3.301	61.73	----	4.287	----	----	----	----	----	----	----	4.287
1229	3.298	61.73	----	4.282	----	----	----	----	----	----	----	4.282
1230	3.295	61.73	----	4.278	----	----	----	----	----	----	----	4.278
1231	3.291	61.72	----	4.273	----	----	----	----	----	----	----	4.273
1232	3.288	61.72	----	4.268	----	----	----	----	----	----	----	4.268
1233	3.285	61.72	----	4.264	----	----	----	----	----	----	----	4.264
1234	3.282	61.72	----	4.259	----	----	----	----	----	----	----	4.259
1235	3.278	61.72	----	4.255	----	----	----	----	----	----	----	4.255
1236	3.275	61.72	----	4.250	----	----	----	----	----	----	----	4.250
1237	3.272	61.72	----	4.246	----	----	----	----	----	----	----	4.246
1238	3.269	61.72	----	4.241	----	----	----	----	----	----	----	4.241
1239	3.265	61.71	----	4.237	----	----	----	----	----	----	----	4.237
1240	3.262	61.71	----	4.232	----	----	----	----	----	----	----	4.232
1241	3.259	61.71	----	4.228	----	----	----	----	----	----	----	4.228
1242	3.255	61.71	----	4.223	----	----	----	----	----	----	----	4.223
1243	3.252	61.71	----	4.219	----	----	----	----	----	----	----	4.219
1244	3.249	61.71	----	4.214	----	----	----	----	----	----	----	4.214
1245	3.246	61.71	----	4.210	----	----	----	----	----	----	----	4.210
1246	3.242	61.71	----	4.205	----	----	----	----	----	----	----	4.205
1247	3.239	61.71	----	4.201	----	----	----	----	----	----	----	4.201
1248	3.236	61.70	----	4.196	----	----	----	----	----	----	----	4.196
1249	3.232	61.70	----	4.192	----	----	----	----	----	----	----	4.192
1250	3.229	61.70	----	4.187	----	----	----	----	----	----	----	4.187
1251	3.226	61.70	----	4.183	----	----	----	----	----	----	----	4.183
1252	3.223	61.70	----	4.179	----	----	----	----	----	----	----	4.179
1253	3.219	61.70	----	4.174	----	----	----	----	----	----	----	4.174
1254	3.216	61.70	----	4.169	----	----	----	----	----	----	----	4.169
1255	3.213	61.70	----	4.164	----	----	----	----	----	----	----	4.164
1256	3.209	61.70	----	4.159	----	----	----	----	----	----	----	4.159
1257	3.206	61.69	----	4.154	----	----	----	----	----	----	----	4.154
1258	3.203	61.69	----	4.149	----	----	----	----	----	----	----	4.149
1259	3.200	61.69	----	4.145	----	----	----	----	----	----	----	4.145
1260	3.196	61.69	----	4.140	----	----	----	----	----	----	----	4.140
1261	3.193	61.69	----	4.135	----	----	----	----	----	----	----	4.135
1262	3.190	61.69	----	4.130	----	----	----	----	----	----	----	4.130
1263	3.186	61.69	----	4.125	----	----	----	----	----	----	----	4.125
1264	3.183	61.69	----	4.120	----	----	----	----	----	----	----	4.120
1265	3.180	61.69	----	4.116	----	----	----	----	----	----	----	4.116
1266	3.177	61.68	----	4.111	----	----	----	----	----	----	----	4.111
1267	3.173	61.68	----	4.106	----	----	----	----	----	----	----	4.106
1268	3.170	61.68	----	4.101	----	----	----	----	----	----	----	4.101
1269	3.167	61.68	----	4.096	----	----	----	----	----	----	----	4.096
1270	3.163	61.68	----	4.092	----	----	----	----	----	----	----	4.092
1271	3.160	61.68	----	4.087	----	----	----	----	----	----	----	4.087
1272	3.157	61.68	----	4.082	----	----	----	----	----	----	----	4.082

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Hydrograph Discharge Table

Time (min)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
1273	3.154	61.68	----	4.077	----	----	----	----	----	----	----	4.077
1274	3.150	61.68	----	4.073	----	----	----	----	----	----	----	4.073
1275	3.147	61.68	----	4.068	----	----	----	----	----	----	----	4.068
1276	3.144	61.67	----	4.063	----	----	----	----	----	----	----	4.063
1277	3.140	61.67	----	4.058	----	----	----	----	----	----	----	4.058
1278	3.137	61.67	----	4.054	----	----	----	----	----	----	----	4.054
1279	3.134	61.67	----	4.049	----	----	----	----	----	----	----	4.049
1280	3.131	61.67	----	4.044	----	----	----	----	----	----	----	4.044
1281	3.127	61.67	----	4.040	----	----	----	----	----	----	----	4.040
1282	3.124	61.67	----	4.035	----	----	----	----	----	----	----	4.035
1283	3.121	61.67	----	4.030	----	----	----	----	----	----	----	4.030
1284	3.117	61.67	----	4.026	----	----	----	----	----	----	----	4.026
1285	3.114	61.66	----	4.021	----	----	----	----	----	----	----	4.021
1286	3.111	61.66	----	4.016	----	----	----	----	----	----	----	4.016
1287	3.107	61.66	----	4.012	----	----	----	----	----	----	----	4.012
1288	3.104	61.66	----	4.007	----	----	----	----	----	----	----	4.007
1289	3.101	61.66	----	4.002	----	----	----	----	----	----	----	4.002
1290	3.098	61.66	----	3.998	----	----	----	----	----	----	----	3.998
1291	3.094	61.66	----	3.993	----	----	----	----	----	----	----	3.993
1292	3.091	61.66	----	3.989	----	----	----	----	----	----	----	3.989
1293	3.088	61.66	----	3.984	----	----	----	----	----	----	----	3.984
1294	3.084	61.66	----	3.979	----	----	----	----	----	----	----	3.979
1295	3.081	61.65	----	3.975	----	----	----	----	----	----	----	3.975
1296	3.078	61.65	----	3.970	----	----	----	----	----	----	----	3.970
1297	3.075	61.65	----	3.966	----	----	----	----	----	----	----	3.966
1298	3.071	61.65	----	3.961	----	----	----	----	----	----	----	3.961
1299	3.068	61.65	----	3.957	----	----	----	----	----	----	----	3.957
1300	3.065	61.65	----	3.952	----	----	----	----	----	----	----	3.952
1301	3.061	61.65	----	3.947	----	----	----	----	----	----	----	3.947
1302	3.058	61.65	----	3.943	----	----	----	----	----	----	----	3.943
1303	3.055	61.65	----	3.938	----	----	----	----	----	----	----	3.938
1304	3.051	61.64	----	3.934	----	----	----	----	----	----	----	3.934
1305	3.048	61.64	----	3.929	----	----	----	----	----	----	----	3.929
1306	3.045	61.64	----	3.925	----	----	----	----	----	----	----	3.925
1307	3.042	61.64	----	3.920	----	----	----	----	----	----	----	3.920
1308	3.038	61.64	----	3.916	----	----	----	----	----	----	----	3.916
1309	3.035	61.64	----	3.911	----	----	----	----	----	----	----	3.911
1310	3.032	61.64	----	3.907	----	----	----	----	----	----	----	3.907
1311	3.028	61.64	----	3.902	----	----	----	----	----	----	----	3.902
1312	3.025	61.64	----	3.898	----	----	----	----	----	----	----	3.898
1313	3.022	61.64	----	3.893	----	----	----	----	----	----	----	3.893
1314	3.018	61.63	----	3.889	----	----	----	----	----	----	----	3.889
1315	3.015	61.63	----	3.884	----	----	----	----	----	----	----	3.884
1316	3.012	61.63	----	3.880	----	----	----	----	----	----	----	3.880
1317	3.009	61.63	----	3.875	----	----	----	----	----	----	----	3.875
1318	3.005	61.63	----	3.871	----	----	----	----	----	----	----	3.871
1319	3.002	61.63	----	3.867	----	----	----	----	----	----	----	3.867
1320	2.999	61.63	----	3.862	----	----	----	----	----	----	----	3.862
1321	2.995	61.63	----	3.858	----	----	----	----	----	----	----	3.858
1322	2.992	61.63	----	3.853	----	----	----	----	----	----	----	3.853
1323	2.989	61.63	----	3.849	----	----	----	----	----	----	----	3.849
1324	2.985	61.62	----	3.844	----	----	----	----	----	----	----	3.844
1325	2.982	61.62	----	3.840	----	----	----	----	----	----	----	3.840
1326	2.979	61.62	----	3.836	----	----	----	----	----	----	----	3.836
1327	2.975	61.62	----	3.831	----	----	----	----	----	----	----	3.831
1328	2.972	61.62	----	3.827	----	----	----	----	----	----	----	3.827

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Hydrograph Discharge Table

Time (min)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
1329	2.969	61.62	----	3.822	----	----	----	----	----	----	----	3.822
1330	2.966	61.62	----	3.818	----	----	----	----	----	----	----	3.818
1331	2.962	61.62	----	3.814	----	----	----	----	----	----	----	3.814
1332	2.959	61.62	----	3.809	----	----	----	----	----	----	----	3.809
1333	2.956	61.62	----	3.805	----	----	----	----	----	----	----	3.805
1334	2.952	61.61	----	3.801	----	----	----	----	----	----	----	3.801
1335	2.949	61.61	----	3.796	----	----	----	----	----	----	----	3.796
1336	2.946	61.61	----	3.792	----	----	----	----	----	----	----	3.792
1337	2.942	61.61	----	3.788	----	----	----	----	----	----	----	3.788
1338	2.939	61.61	----	3.783	----	----	----	----	----	----	----	3.783
1339	2.936	61.61	----	3.779	----	----	----	----	----	----	----	3.779
1340	2.933	61.61	----	3.775	----	----	----	----	----	----	----	3.775
1341	2.929	61.61	----	3.770	----	----	----	----	----	----	----	3.770
1342	2.926	61.61	----	3.766	----	----	----	----	----	----	----	3.766
1343	2.923	61.61	----	3.762	----	----	----	----	----	----	----	3.762
1344	2.919	61.60	----	3.757	----	----	----	----	----	----	----	3.757
1345	2.916	61.60	----	3.753	----	----	----	----	----	----	----	3.753
1346	2.913	61.60	----	3.749	----	----	----	----	----	----	----	3.749
1347	2.909	61.60	----	3.744	----	----	----	----	----	----	----	3.744
1348	2.906	61.60	----	3.740	----	----	----	----	----	----	----	3.740
1349	2.903	61.60	----	3.736	----	----	----	----	----	----	----	3.736
1350	2.899	61.60	----	3.731	----	----	----	----	----	----	----	3.731
1351	2.896	61.60	----	3.726	----	----	----	----	----	----	----	3.726
1352	2.893	61.60	----	3.721	----	----	----	----	----	----	----	3.721
1353	2.889	61.60	----	3.716	----	----	----	----	----	----	----	3.716
1354	2.886	61.60	----	3.712	----	----	----	----	----	----	----	3.712
1355	2.883	61.59	----	3.707	----	----	----	----	----	----	----	3.707
1356	2.880	61.59	----	3.702	----	----	----	----	----	----	----	3.702
1357	2.876	61.59	----	3.697	----	----	----	----	----	----	----	3.697
1358	2.873	61.59	----	3.692	----	----	----	----	----	----	----	3.692
1359	2.870	61.59	----	3.688	----	----	----	----	----	----	----	3.688
1360	2.866	61.59	----	3.683	----	----	----	----	----	----	----	3.683
1361	2.863	61.59	----	3.678	----	----	----	----	----	----	----	3.678
1362	2.860	61.59	----	3.673	----	----	----	----	----	----	----	3.673
1363	2.856	61.59	----	3.669	----	----	----	----	----	----	----	3.669
1364	2.853	61.59	----	3.664	----	----	----	----	----	----	----	3.664
1365	2.850	61.58	----	3.659	----	----	----	----	----	----	----	3.659
1366	2.846	61.58	----	3.655	----	----	----	----	----	----	----	3.655
1367	2.843	61.58	----	3.650	----	----	----	----	----	----	----	3.650
1368	2.840	61.58	----	3.645	----	----	----	----	----	----	----	3.645
1369	2.836	61.58	----	3.640	----	----	----	----	----	----	----	3.640
1370	2.833	61.58	----	3.636	----	----	----	----	----	----	----	3.636
1371	2.830	61.58	----	3.631	----	----	----	----	----	----	----	3.631
1372	2.827	61.58	----	3.626	----	----	----	----	----	----	----	3.626
1373	2.823	61.58	----	3.622	----	----	----	----	----	----	----	3.622
1374	2.820	61.58	----	3.617	----	----	----	----	----	----	----	3.617
1375	2.817	61.58	----	3.613	----	----	----	----	----	----	----	3.613
1376	2.813	61.57	----	3.608	----	----	----	----	----	----	----	3.608
1377	2.810	61.57	----	3.603	----	----	----	----	----	----	----	3.603
1378	2.807	61.57	----	3.599	----	----	----	----	----	----	----	3.599
1379	2.803	61.57	----	3.594	----	----	----	----	----	----	----	3.594
1380	2.800	61.57	----	3.589	----	----	----	----	----	----	----	3.589
1381	2.797	61.57	----	3.585	----	----	----	----	----	----	----	3.585
1382	2.793	61.57	----	3.580	----	----	----	----	----	----	----	3.580
1383	2.790	61.57	----	3.576	----	----	----	----	----	----	----	3.576
1384	2.787	61.57	----	3.571	----	----	----	----	----	----	----	3.571

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Hydrograph Discharge Table

Time (min)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
1385	2.783	61.57	----	3.567	----	----	----	----	----	----	----	3.567
1386	2.780	61.57	----	3.562	----	----	----	----	----	----	----	3.562
1387	2.777	61.56	----	3.557	----	----	----	----	----	----	----	3.557
1388	2.773	61.56	----	3.553	----	----	----	----	----	----	----	3.553
1389	2.770	61.56	----	3.548	----	----	----	----	----	----	----	3.548
1390	2.767	61.56	----	3.544	----	----	----	----	----	----	----	3.544
1391	2.763	61.56	----	3.539	----	----	----	----	----	----	----	3.539
1392	2.760	61.56	----	3.535	----	----	----	----	----	----	----	3.535
1393	2.757	61.56	----	3.530	----	----	----	----	----	----	----	3.530
1394	2.753	61.56	----	3.526	----	----	----	----	----	----	----	3.526
1395	2.750	61.56	----	3.521	----	----	----	----	----	----	----	3.521
1396	2.747	61.56	----	3.517	----	----	----	----	----	----	----	3.517
1397	2.744	61.56	----	3.512	----	----	----	----	----	----	----	3.512
1398	2.740	61.55	----	3.508	----	----	----	----	----	----	----	3.508
1399	2.737	61.55	----	3.503	----	----	----	----	----	----	----	3.503
1400	2.734	61.55	----	3.499	----	----	----	----	----	----	----	3.499
1401	2.730	61.55	----	3.494	----	----	----	----	----	----	----	3.494
1402	2.727	61.55	----	3.490	----	----	----	----	----	----	----	3.490
1403	2.724	61.55	----	3.486	----	----	----	----	----	----	----	3.486
1404	2.720	61.55	----	3.481	----	----	----	----	----	----	----	3.481
1405	2.717	61.55	----	3.477	----	----	----	----	----	----	----	3.477
1406	2.714	61.55	----	3.472	----	----	----	----	----	----	----	3.472
1407	2.710	61.55	----	3.468	----	----	----	----	----	----	----	3.468
1408	2.707	61.55	----	3.463	----	----	----	----	----	----	----	3.463
1409	2.704	61.54	----	3.459	----	----	----	----	----	----	----	3.459
1410	2.700	61.54	----	3.455	----	----	----	----	----	----	----	3.455
1411	2.697	61.54	----	3.450	----	----	----	----	----	----	----	3.450
1412	2.694	61.54	----	3.446	----	----	----	----	----	----	----	3.446
1413	2.690	61.54	----	3.441	----	----	----	----	----	----	----	3.441
1414	2.687	61.54	----	3.437	----	----	----	----	----	----	----	3.437
1415	2.684	61.54	----	3.433	----	----	----	----	----	----	----	3.433
1416	2.680	61.54	----	3.428	----	----	----	----	----	----	----	3.428
1417	2.677	61.54	----	3.424	----	----	----	----	----	----	----	3.424
1418	2.674	61.54	----	3.420	----	----	----	----	----	----	----	3.420
1419	2.670	61.54	----	3.415	----	----	----	----	----	----	----	3.415
1420	2.667	61.53	----	3.411	----	----	----	----	----	----	----	3.411
1421	2.664	61.53	----	3.407	----	----	----	----	----	----	----	3.407
1422	2.660	61.53	----	3.402	----	----	----	----	----	----	----	3.402
1423	2.657	61.53	----	3.398	----	----	----	----	----	----	----	3.398
1424	2.654	61.53	----	3.394	----	----	----	----	----	----	----	3.394
1425	2.650	61.53	----	3.389	----	----	----	----	----	----	----	3.389
1426	2.647	61.53	----	3.385	----	----	----	----	----	----	----	3.385
1427	2.644	61.53	----	3.381	----	----	----	----	----	----	----	3.381
1428	2.640	61.53	----	3.376	----	----	----	----	----	----	----	3.376
1429	2.637	61.53	----	3.372	----	----	----	----	----	----	----	3.372
1430	2.634	61.53	----	3.368	----	----	----	----	----	----	----	3.368
1431	2.630	61.53	----	3.364	----	----	----	----	----	----	----	3.364
1432	2.627	61.52	----	3.359	----	----	----	----	----	----	----	3.359
1433	2.624	61.52	----	3.355	----	----	----	----	----	----	----	3.355
1434	2.620	61.52	----	3.351	----	----	----	----	----	----	----	3.351
1435	2.617	61.52	----	3.347	----	----	----	----	----	----	----	3.347
1436	2.614	61.52	----	3.342	----	----	----	----	----	----	----	3.342
1437	2.610	61.52	----	3.338	----	----	----	----	----	----	----	3.338
1438	2.607	61.52	----	3.334	----	----	----	----	----	----	----	3.334
1439	2.604	61.52	----	3.330	----	----	----	----	----	----	----	3.330
1440	2.600	61.52	----	3.325	----	----	----	----	----	----	----	3.325

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Hydrograph Discharge Table

Time (min)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
1441	2.594	61.52	----	3.321	----	----	----	----	----	----	----	3.321
1442	2.583	61.52	----	3.317	----	----	----	----	----	----	----	3.317
1443	2.570	61.52	----	3.313	----	----	----	----	----	----	----	3.313
1444	2.552	61.51	----	3.308	----	----	----	----	----	----	----	3.308
1445	2.531	61.51	----	3.304	----	----	----	----	----	----	----	3.304
1446	2.507	61.51	----	3.299	----	----	----	----	----	----	----	3.299
1447	2.479	61.51	----	3.295	----	----	----	----	----	----	----	3.295
1448	2.448	61.51	----	3.290	----	----	----	----	----	----	----	3.290
1449	2.413	61.51	----	3.285	----	----	----	----	----	----	----	3.285
1450	2.375	61.51	----	3.280	----	----	----	----	----	----	----	3.280
1451	2.334	61.51	----	3.274	----	----	----	----	----	----	----	3.274
1452	2.289	61.51	----	3.269	----	----	----	----	----	----	----	3.269
1453	2.240	61.51	----	3.263	----	----	----	----	----	----	----	3.263
1454	2.188	61.50	----	3.257	----	----	----	----	----	----	----	3.257
1455	2.133	61.50	----	3.250	----	----	----	----	----	----	----	3.250
1456	2.074	61.50	----	3.244	----	----	----	----	----	----	----	3.244
1457	2.012	61.50	----	3.237	----	----	----	----	----	----	----	3.237
1458	1.946	61.50	----	3.228	----	----	----	----	----	----	----	3.228
1459	1.877	61.50	----	3.219	----	----	----	----	----	----	----	3.219
1460	1.804	61.50	----	3.210	----	----	----	----	----	----	----	3.210
1461	1.728	61.49	----	3.200	----	----	----	----	----	----	----	3.200
1462	1.654	61.49	----	3.189	----	----	----	----	----	----	----	3.189
1463	1.581	61.49	----	3.178	----	----	----	----	----	----	----	3.178
1464	1.511	61.49	----	3.167	----	----	----	----	----	----	----	3.167
1465	1.441	61.49	----	3.156	----	----	----	----	----	----	----	3.156
1466	1.374	61.48	----	3.144	----	----	----	----	----	----	----	3.144
1467	1.308	61.48	----	3.131	----	----	----	----	----	----	----	3.131
1468	1.243	61.48	----	3.118	----	----	----	----	----	----	----	3.118
1469	1.181	61.48	----	3.105	----	----	----	----	----	----	----	3.105
1470	1.120	61.48	----	3.092	----	----	----	----	----	----	----	3.092
1471	1.060	61.47	----	3.078	----	----	----	----	----	----	----	3.078
1472	1.002	61.47	----	3.064	----	----	----	----	----	----	----	3.064
1473	0.946	61.47	----	3.049	----	----	----	----	----	----	----	3.049
1474	0.892	61.47	----	3.035	----	----	----	----	----	----	----	3.035
1475	0.839	61.46	----	3.020	----	----	----	----	----	----	----	3.020
1476	0.788	61.46	----	3.005	----	----	----	----	----	----	----	3.005
1477	0.738	61.46	----	2.989	----	----	----	----	----	----	----	2.989
1478	0.690	61.46	----	2.974	----	----	----	----	----	----	----	2.974
1479	0.644	61.45	----	2.958	----	----	----	----	----	----	----	2.958
1480	0.599	61.45	----	2.942	----	----	----	----	----	----	----	2.942
1481	0.556	61.45	----	2.925	----	----	----	----	----	----	----	2.925
1482	0.515	61.44	----	2.909	----	----	----	----	----	----	----	2.909
1483	0.475	61.44	----	2.892	----	----	----	----	----	----	----	2.892
1484	0.437	61.44	----	2.875	----	----	----	----	----	----	----	2.875
1485	0.400	61.44	----	2.859	----	----	----	----	----	----	----	2.859
1486	0.365	61.43	----	2.841	----	----	----	----	----	----	----	2.841
1487	0.332	61.43	----	2.824	----	----	----	----	----	----	----	2.824
1488	0.300	61.43	----	2.807	----	----	----	----	----	----	----	2.807
1489	0.270	61.42	----	2.790	----	----	----	----	----	----	----	2.790
1490	0.242	61.42	----	2.772	----	----	----	----	----	----	----	2.772
1491	0.215	61.42	----	2.755	----	----	----	----	----	----	----	2.755
1492	0.189	61.42	----	2.737	----	----	----	----	----	----	----	2.737
1493	0.166	61.41	----	2.719	----	----	----	----	----	----	----	2.719
1494	0.143	61.41	----	2.702	----	----	----	----	----	----	----	2.702
1495	0.123	61.41	----	2.684	----	----	----	----	----	----	----	2.684
1496	0.104	61.40	----	2.666	----	----	----	----	----	----	----	2.666

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Hydrograph Discharge Table

Time (min)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
1497	0.087	61.40	----	2.649	----	----	----	----	----	----	----	2.649
1498	0.071	61.40	----	2.628	----	----	----	----	----	----	----	2.628
1499	0.057	61.40	----	2.605	----	----	----	----	----	----	----	2.605
1500	0.044	61.39	----	2.582	----	----	----	----	----	----	----	2.582
1501	0.033	61.39	----	2.559	----	----	----	----	----	----	----	2.559
1502	0.024	61.39	----	2.536	----	----	----	----	----	----	----	2.536
1503	0.016	61.38	----	2.514	----	----	----	----	----	----	----	2.514
1504	0.009	61.38	----	2.491	----	----	----	----	----	----	----	2.491
1505	0.005	61.38	----	2.469	----	----	----	----	----	----	----	2.469
1506	0.002	61.37	----	2.447	----	----	----	----	----	----	----	2.447
1507	0.000	61.37	----	2.425	----	----	----	----	----	----	----	2.425
1508	0.000	61.37	----	2.403	----	----	----	----	----	----	----	2.403
1509	0.000	61.37	----	2.382	----	----	----	----	----	----	----	2.382
1510	0.000	61.36	----	2.360	----	----	----	----	----	----	----	2.360
1511	0.000	61.36	----	2.339	----	----	----	----	----	----	----	2.339
1512	0.000	61.36	----	2.318	----	----	----	----	----	----	----	2.318
1513	0.000	61.36	----	2.297	----	----	----	----	----	----	----	2.297
1514	0.000	61.35	----	2.277	----	----	----	----	----	----	----	2.277
1515	0.000	61.35	----	2.256	----	----	----	----	----	----	----	2.256
1516	0.000	61.35	----	2.236	----	----	----	----	----	----	----	2.236
1517	0.000	61.34	----	2.216	----	----	----	----	----	----	----	2.216
1518	0.000	61.34	----	2.196	----	----	----	----	----	----	----	2.196
1519	0.000	61.34	----	2.177	----	----	----	----	----	----	----	2.177
1520	0.000	61.34	----	2.157	----	----	----	----	----	----	----	2.157
1521	0.000	61.33	----	2.138	----	----	----	----	----	----	----	2.138
1522	0.000	61.33	----	2.119	----	----	----	----	----	----	----	2.119
1523	0.000	61.33	----	2.100	----	----	----	----	----	----	----	2.100
1524	0.000	61.33	----	2.081	----	----	----	----	----	----	----	2.081
1525	0.000	61.33	----	2.062	----	----	----	----	----	----	----	2.062
1526	0.000	61.32	----	2.044	----	----	----	----	----	----	----	2.044
1527	0.000	61.32	----	2.025	----	----	----	----	----	----	----	2.025
1528	0.000	61.32	----	2.007	----	----	----	----	----	----	----	2.007
1529	0.000	61.32	----	1.989	----	----	----	----	----	----	----	1.989
1530	0.000	61.31	----	1.971	----	----	----	----	----	----	----	1.971
1531	0.000	61.31	----	1.954	----	----	----	----	----	----	----	1.954
1532	0.000	61.31	----	1.936	----	----	----	----	----	----	----	1.936
1533	0.000	61.31	----	1.919	----	----	----	----	----	----	----	1.919
1534	0.000	61.30	----	1.902	----	----	----	----	----	----	----	1.902
1535	0.000	61.30	----	1.885	----	----	----	----	----	----	----	1.885
1536	0.000	61.30	----	1.867	----	----	----	----	----	----	----	1.867
1537	0.000	61.30	----	1.827	----	----	----	----	----	----	----	1.827
1538	0.000	61.30	----	1.787	----	----	----	----	----	----	----	1.787
1539	0.000	61.29	----	1.749	----	----	----	----	----	----	----	1.749
1540	0.000	61.29	----	1.711	----	----	----	----	----	----	----	1.711
1541	0.000	61.29	----	1.674	----	----	----	----	----	----	----	1.674
1542	0.000	61.29	----	1.638	----	----	----	----	----	----	----	1.638
1543	0.000	61.29	----	1.603	----	----	----	----	----	----	----	1.603
1544	0.000	61.28	----	1.569	----	----	----	----	----	----	----	1.569
1545	0.000	61.28	----	1.535	----	----	----	----	----	----	----	1.535
1546	0.000	61.28	----	1.502	----	----	----	----	----	----	----	1.502
1547	0.000	61.28	----	1.470	----	----	----	----	----	----	----	1.470
1548	0.000	61.28	----	1.438	----	----	----	----	----	----	----	1.438
1549	0.000	61.28	----	1.407	----	----	----	----	----	----	----	1.407
1550	0.000	61.27	----	1.377	----	----	----	----	----	----	----	1.377
1551	0.000	61.27	----	1.347	----	----	----	----	----	----	----	1.347
1552	0.000	61.27	----	1.318	----	----	----	----	----	----	----	1.318

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Hydrograph Discharge Table

Time (min)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
1553	0.000	61.27	----	1.290	----	----	----	----	----	----	----	1.290
1554	0.000	61.27	----	1.262	----	----	----	----	----	----	----	1.262
1555	0.000	61.27	----	1.235	----	----	----	----	----	----	----	1.235
1556	0.000	61.26	----	1.208	----	----	----	----	----	----	----	1.208
1557	0.000	61.26	----	1.182	----	----	----	----	----	----	----	1.182
1558	0.000	61.26	----	1.157	----	----	----	----	----	----	----	1.157
1559	0.000	61.26	----	1.132	----	----	----	----	----	----	----	1.132
1560	0.000	61.26	----	1.108	----	----	----	----	----	----	----	1.108
1561	0.000	61.26	----	1.084	----	----	----	----	----	----	----	1.084
1562	0.000	61.26	----	1.061	----	----	----	----	----	----	----	1.061
1563	0.000	61.26	----	1.038	----	----	----	----	----	----	----	1.038
1564	0.000	61.25	----	1.016	----	----	----	----	----	----	----	1.016
1565	0.000	61.25	----	0.994	----	----	----	----	----	----	----	0.994
1566	0.000	61.25	----	0.972	----	----	----	----	----	----	----	0.972
1567	0.000	61.25	----	0.951	----	----	----	----	----	----	----	0.951
1568	0.000	61.25	----	0.931	----	----	----	----	----	----	----	0.931
1569	0.000	61.25	----	0.911	----	----	----	----	----	----	----	0.911
1570	0.000	61.25	----	0.891	----	----	----	----	----	----	----	0.891
1571	0.000	61.25	----	0.872	----	----	----	----	----	----	----	0.872
1572	0.000	61.25	----	0.853	----	----	----	----	----	----	----	0.853
1573	0.000	61.24	----	0.835	----	----	----	----	----	----	----	0.835
1574	0.000	61.24	----	0.817	----	----	----	----	----	----	----	0.817
1575	0.000	61.24	----	0.800	----	----	----	----	----	----	----	0.799
1576	0.000	61.24	----	0.782	----	----	----	----	----	----	----	0.782
1577	0.000	61.24	----	0.765	----	----	----	----	----	----	----	0.765
1578	0.000	61.24	----	0.749	----	----	----	----	----	----	----	0.749
1579	0.000	61.24	----	0.733	----	----	----	----	----	----	----	0.733
1580	0.000	61.24	----	0.717	----	----	----	----	----	----	----	0.717
1581	0.000	61.24	----	0.702	----	----	----	----	----	----	----	0.702
1582	0.000	61.24	----	0.687	----	----	----	----	----	----	----	0.687
1583	0.000	61.24	----	0.672	----	----	----	----	----	----	----	0.672
1584	0.000	61.24	----	0.657	----	----	----	----	----	----	----	0.657
1585	0.000	61.23	----	0.643	----	----	----	----	----	----	----	0.643
1586	0.000	61.23	----	0.629	----	----	----	----	----	----	----	0.629
1587	0.000	61.23	----	0.616	----	----	----	----	----	----	----	0.616
1588	0.000	61.23	----	0.603	----	----	----	----	----	----	----	0.603
1589	0.000	61.23	----	0.590	----	----	----	----	----	----	----	0.590
1590	0.000	61.23	----	0.577	----	----	----	----	----	----	----	0.577
1591	0.000	61.23	----	0.565	----	----	----	----	----	----	----	0.565
1592	0.000	61.23	----	0.552	----	----	----	----	----	----	----	0.552
1593	0.000	61.23	----	0.541	----	----	----	----	----	----	----	0.541
1594	0.000	61.23	----	0.529	----	----	----	----	----	----	----	0.529
1595	0.000	61.23	----	0.518	----	----	----	----	----	----	----	0.518
1596	0.000	61.23	----	0.506	----	----	----	----	----	----	----	0.506
1597	0.000	61.23	----	0.496	----	----	----	----	----	----	----	0.496
1598	0.000	61.23	----	0.485	----	----	----	----	----	----	----	0.485
1599	0.000	61.23	----	0.474	----	----	----	----	----	----	----	0.474
1600	0.000	61.22	----	0.464	----	----	----	----	----	----	----	0.464
1601	0.000	61.22	----	0.454	----	----	----	----	----	----	----	0.454
1602	0.000	61.22	----	0.445	----	----	----	----	----	----	----	0.444
1603	0.000	61.22	----	0.435	----	----	----	----	----	----	----	0.435
1604	0.000	61.22	----	0.426	----	----	----	----	----	----	----	0.426
1605	0.000	61.22	----	0.416	----	----	----	----	----	----	----	0.416
1606	0.000	61.22	----	0.407	----	----	----	----	----	----	----	0.407
1607	0.000	61.22	----	0.399	----	----	----	----	----	----	----	0.399
1608	0.000	61.22	----	0.390	----	----	----	----	----	----	----	0.390

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Hydrograph Discharge Table

Time (min)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
1609	0.000	61.22	----	0.382	----	----	----	----	----	----	----	0.382
1610	0.000	61.22	----	0.374	----	----	----	----	----	----	----	0.374
1611	0.000	61.22	----	0.365	----	----	----	----	----	----	----	0.365
1612	0.000	61.22	----	0.358	----	----	----	----	----	----	----	0.358
1613	0.000	61.22	----	0.350	----	----	----	----	----	----	----	0.350
1614	0.000	61.22	----	0.342	----	----	----	----	----	----	----	0.342
1615	0.000	61.22	----	0.335	----	----	----	----	----	----	----	0.335
1616	0.000	61.22	----	0.328	----	----	----	----	----	----	----	0.328
1617	0.000	61.22	----	0.321	----	----	----	----	----	----	----	0.321
1618	0.000	61.22	----	0.314	----	----	----	----	----	----	----	0.314
1619	0.000	61.22	----	0.307	----	----	----	----	----	----	----	0.307
1620	0.000	61.22	----	0.301	----	----	----	----	----	----	----	0.301
1621	0.000	61.22	----	0.294	----	----	----	----	----	----	----	0.294
1622	0.000	61.22	----	0.288	----	----	----	----	----	----	----	0.288
1623	0.000	61.22	----	0.282	----	----	----	----	----	----	----	0.282
1624	0.000	61.21	----	0.275	----	----	----	----	----	----	----	0.275
1625	0.000	61.21	----	0.270	----	----	----	----	----	----	----	0.270
1626	0.000	61.21	----	0.264	----	----	----	----	----	----	----	0.264
1627	0.000	61.21	----	0.258	----	----	----	----	----	----	----	0.258
1628	0.000	61.21	----	0.253	----	----	----	----	----	----	----	0.253
1629	0.000	61.21	----	0.247	----	----	----	----	----	----	----	0.247
1630	0.000	61.21	----	0.242	----	----	----	----	----	----	----	0.242
1631	0.000	61.21	----	0.237	----	----	----	----	----	----	----	0.237
1632	0.000	61.21	----	0.231	----	----	----	----	----	----	----	0.232
1633	0.000	61.21	----	0.227	----	----	----	----	----	----	----	0.227
1634	0.000	61.21	----	0.222	----	----	----	----	----	----	----	0.222
1635	0.000	61.21	----	0.217	----	----	----	----	----	----	----	0.217
1636	0.000	61.21	----	0.212	----	----	----	----	----	----	----	0.212
1637	0.000	61.21	----	0.208	----	----	----	----	----	----	----	0.208
1638	0.000	61.21	----	0.203	----	----	----	----	----	----	----	0.203
1639	0.000	61.21	----	0.199	----	----	----	----	----	----	----	0.199
1640	0.000	61.21	----	0.195	----	----	----	----	----	----	----	0.195
1641	0.000	61.21	----	0.190	----	----	----	----	----	----	----	0.190
1642	0.000	61.21	----	0.186	----	----	----	----	----	----	----	0.186
1643	0.000	61.21	----	0.182	----	----	----	----	----	----	----	0.182
1644	0.000	61.21	----	0.178	----	----	----	----	----	----	----	0.178
1645	0.000	61.21	----	0.175	----	----	----	----	----	----	----	0.175
1646	0.000	61.21	----	0.171	----	----	----	----	----	----	----	0.171
1647	0.000	61.21	----	0.167	----	----	----	----	----	----	----	0.167
1648	0.000	61.21	----	0.163	----	----	----	----	----	----	----	0.163
1649	0.000	61.21	----	0.160	----	----	----	----	----	----	----	0.160
1650	0.000	61.21	----	0.157	----	----	----	----	----	----	----	0.157
1651	0.000	61.21	----	0.153	----	----	----	----	----	----	----	0.153
1652	0.000	61.21	----	0.150	----	----	----	----	----	----	----	0.150
1653	0.000	61.21	----	0.147	----	----	----	----	----	----	----	0.147
1654	0.000	61.21	----	0.143	----	----	----	----	----	----	----	0.143
1655	0.000	61.21	----	0.140	----	----	----	----	----	----	----	0.140
1656	0.000	61.21	----	0.137	----	----	----	----	----	----	----	0.137
1657	0.000	61.21	----	0.134	----	----	----	----	----	----	----	0.134
1658	0.000	61.21	----	0.132	----	----	----	----	----	----	----	0.132
1659	0.000	61.21	----	0.129	----	----	----	----	----	----	----	0.129
1660	0.000	61.21	----	0.126	----	----	----	----	----	----	----	0.126
1661	0.000	61.21	----	0.123	----	----	----	----	----	----	----	0.123
1662	0.000	61.21	----	0.121	----	----	----	----	----	----	----	0.121
1663	0.000	61.21	----	0.118	----	----	----	----	----	----	----	0.118
1664	0.000	61.21	----	0.115	----	----	----	----	----	----	----	0.115

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Hydrograph Discharge Table

Time (min)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
1665	0.000	61.21	----	0.113	----	----	----	----	----	----	----	0.113
1666	0.000	61.21	----	0.111	----	----	----	----	----	----	----	0.111
1667	0.000	61.21	----	0.108	----	----	----	----	----	----	----	0.108
1668	0.000	61.21	----	0.106	----	----	----	----	----	----	----	0.106
1669	0.000	61.21	----	0.104	----	----	----	----	----	----	----	0.104
1670	0.000	61.21	----	0.101	----	----	----	----	----	----	----	0.101
1671	0.000	61.21	----	0.099	----	----	----	----	----	----	----	0.099
1672	0.000	61.21	----	0.097	----	----	----	----	----	----	----	0.097
1673	0.000	61.21	----	0.095	----	----	----	----	----	----	----	0.095
1674	0.000	61.20	----	0.093	----	----	----	----	----	----	----	0.093
1675	0.000	61.20	----	0.091	----	----	----	----	----	----	----	0.091
1676	0.000	61.20	----	0.089	----	----	----	----	----	----	----	0.089
1677	0.000	61.20	----	0.087	----	----	----	----	----	----	----	0.087
1678	0.000	61.20	----	0.085	----	----	----	----	----	----	----	0.085
1679	0.000	61.20	----	0.083	----	----	----	----	----	----	----	0.083
1680	0.000	61.20	----	0.082	----	----	----	----	----	----	----	0.082
1681	0.000	61.20	----	0.080	----	----	----	----	----	----	----	0.080
1682	0.000	61.20	----	0.078	----	----	----	----	----	----	----	0.078
1683	0.000	61.20	----	0.076	----	----	----	----	----	----	----	0.076
1684	0.000	61.20	----	0.075	----	----	----	----	----	----	----	0.075
1685	0.000	61.20	----	0.073	----	----	----	----	----	----	----	0.073
1686	0.000	61.20	----	0.072	----	----	----	----	----	----	----	0.072
1687	0.000	61.20	----	0.070	----	----	----	----	----	----	----	0.070

...End

EMERGENCY RELEASE THROUGH 48" RISER
PIPE MODEL CALCULATIONS

Watershed Model Schematic

Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2009 by Autodesk, Inc. v6.066



Legend

<u>Hyd.</u>	<u>Origin</u>	<u>Description</u>
1	SCS Runoff	Developed site storm event
2	Reservoir	Detention pond outflow

Hydrograph Return Period Recap

Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2009 by Autodesk, Inc. v6.066

Hyd. No.	Hydrograph type (origin)	Inflow Hyd(s)	Peak Outflow (cfs)								Hydrograph description
			1-Yr	2-Yr	3-Yr	5-Yr	10-Yr	25-Yr	50-Yr	100-Yr	
1	SCS Runoff	-----	-----	7.792	-----	11.97	14.81	18.23	20.66	23.03	Developed site storm event
2	Reservoir	1	-----	0.000	-----	2.186	2.990	4.375	5.685	7.458	Detention pond outflow

Hydrograph Summary Report

Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2009 by Autodesk, Inc. v6.066

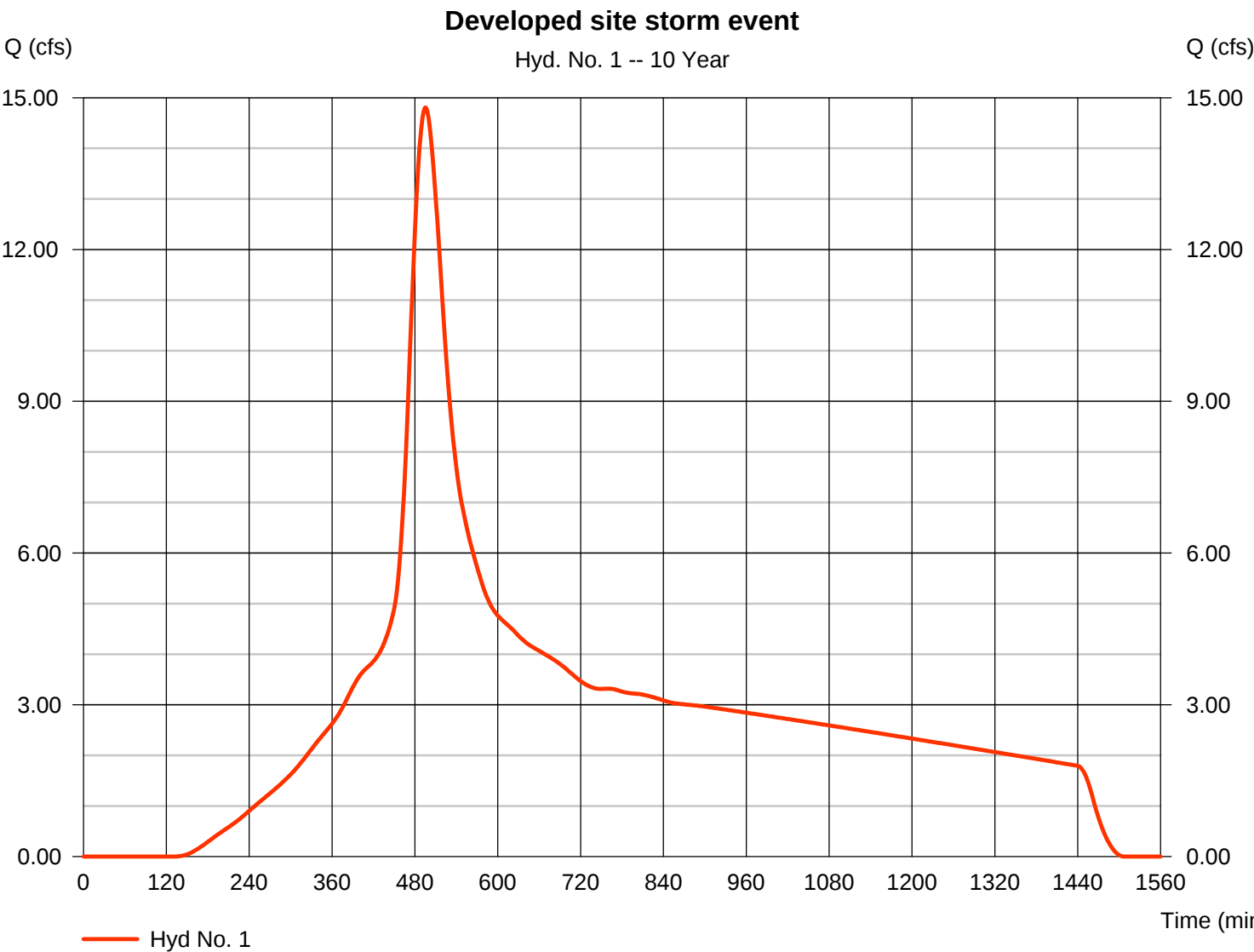
Hyd. No.	Hydrograph type (origin)	Peak flow (cfs)	Time interval (min)	Time to peak (min)	Hyd. volume (cuft)	Inflow hyd(s)	Maximum elevation (ft)	Total strge used (cuft)	Hydrograph description
1	SCS Runoff	14.81	1	495	257,225	-----	-----	-----	Developed site storm event
2	Reservoir	2.990	1	884	114,093	1	62.87	152,824	Detention pond outflow
Proposed site SCS 06-25-09 Riser pipe emergency					Return Period: 10 Year			Thursday, Jul 2, 2009	

Hydrograph Report

Hyd. No. 1

Developed site storm event

Hydrograph type	=	SCS Runoff	Peak discharge	=	14.81 cfs
Storm frequency	=	10 yrs	Time to peak	=	495 min
Time interval	=	1 min	Hyd. volume	=	257,225 cuft
Drainage area	=	25.500 ac	Curve number	=	91
Basin Slope	=	0.0 %	Hydraulic length	=	0 ft
Tc method	=	TR55	Time of conc. (Tc)	=	34.00 min
Total precip.	=	3.74 in	Distribution	=	Type IA
Storm duration	=	24 hrs	Shape factor	=	400



TR55 Tc Worksheet

Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2009 by Autodesk, Inc. v6.066

Hyd. No. 1

Developed site storm event

<u>Description</u>	<u>A</u>	<u>B</u>	<u>C</u>	<u>Totals</u>
Sheet Flow				
Manning's n-value	= 0.240	0.011	0.011	
Flow length (ft)	= 180.0	0.0	0.0	
Two-year 24-hr precip. (in)	= 2.39	0.00	0.00	
Land slope (%)	= 1.50	0.00	0.00	
Travel Time (min)	= 29.65	+ 0.00	+ 0.00	= 29.65
Shallow Concentrated Flow				
Flow length (ft)	= 0.00	0.00	0.00	
Watercourse slope (%)	= 0.00	0.00	0.00	
Surface description	= Paved	Paved	Paved	
Average velocity (ft/s)	= 0.00	0.00	0.00	
Travel Time (min)	= 0.00	+ 0.00	+ 0.00	= 0.00
Channel Flow				
X sectional flow area (sqft)	= 18.00	0.00	0.00	
Wetted perimeter (ft)	= 13.40	0.00	0.00	
Channel slope (%)	= 0.25	0.00	0.00	
Manning's n-value	= 0.025	0.015	0.015	
Velocity (ft/s)	= 3.63	0.00	0.00	
Flow length (ft)	= 950.0	0.0	0.0	
Travel Time (min)	= 4.36	+ 0.00	+ 0.00	= 4.36
Total Travel Time, Tc				34.00 min

Hydrograph Report

Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2009 by Autodesk, Inc. v6.066

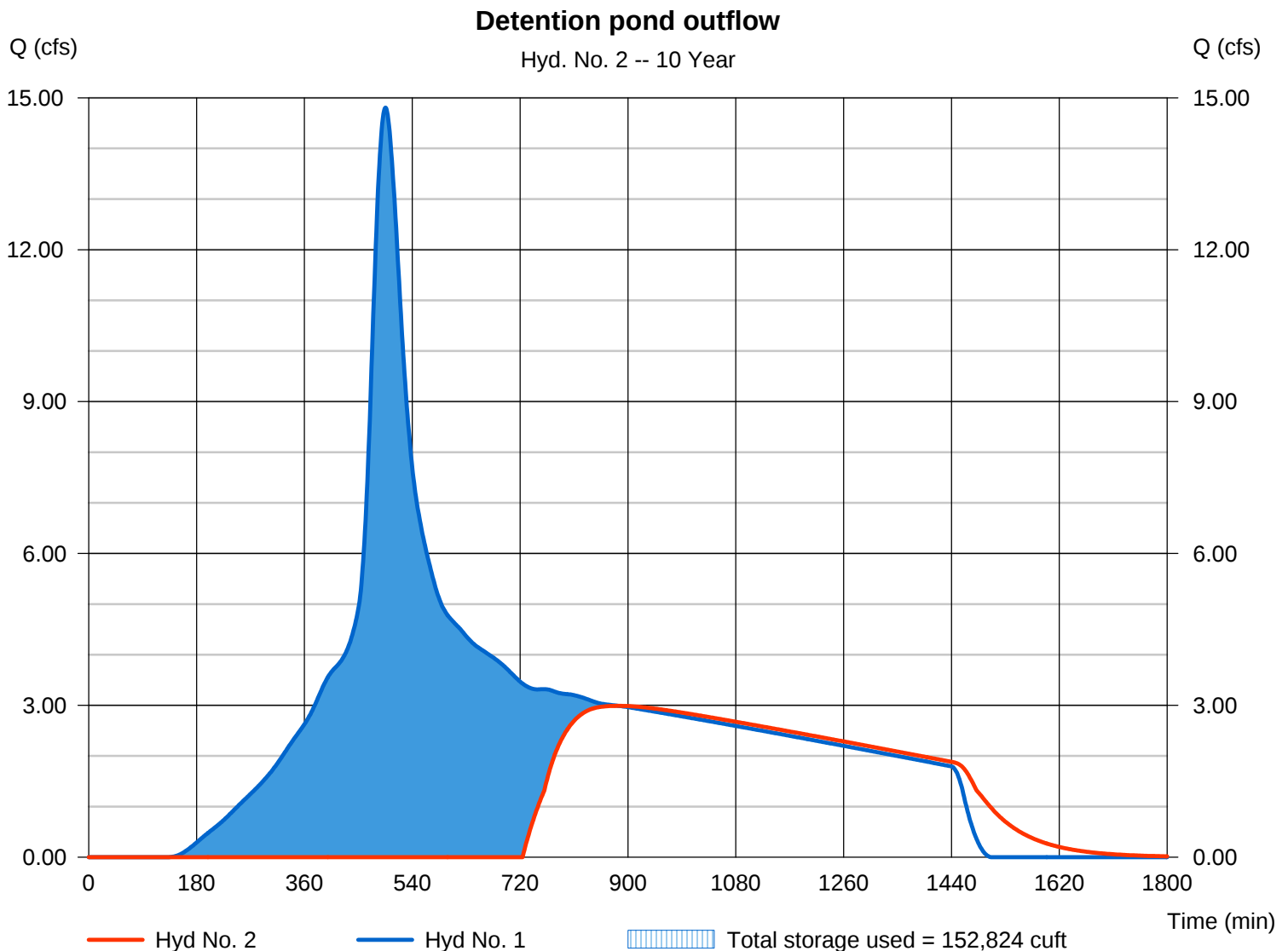
Thursday, Jul 2, 2009

Hyd. No. 2

Detention pond outflow

Hydrograph type	= Reservoir	Peak discharge	= 2.990 cfs
Storm frequency	= 10 yrs	Time to peak	= 884 min
Time interval	= 1 min	Hyd. volume	= 114,093 cuft
Inflow hyd. No.	= 1 - Developed site storm event	Max. Elevation	= 62.87 ft
Reservoir name	= Detention Pond	Max. Storage	= 152,824 cuft

Storage Indication method used.



Pond Report

Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2009 by Autodesk, Inc. v6.066

Thursday, Jul 2, 2009

Pond No. 1 - Detention Pond

Pond Data

Contours - User-defined contour areas. Average end area method used for volume calculation. Beginning Elevation = 59.00 ft

Stage / Storage Table

Stage (ft)	Elevation (ft)	Contour area (sqft)	Incr. Storage (cuft)	Total storage (cuft)
0.00	59.00	10	0	0
1.00	60.00	24,253	12,132	12,132
1.70	60.70	46,955	24,923	37,054
2.00	61.00	48,669	14,344	51,398
3.00	62.00	54,448	51,559	102,956
4.00	63.00	60,328	57,388	160,344
5.00	64.00	66,309	63,319	223,663

Culvert / Orifice Structures

	[A]	[B]	[C]	[PrfRsr]
Rise (in)	= 24.00	0.00	0.00	0.00
Span (in)	= 24.00	0.00	0.00	0.00
No. Barrels	= 1	1	0	0
Invert El. (ft)	= 59.10	0.00	0.00	0.00
Length (ft)	= 170.00	0.00	0.00	0.00
Slope (%)	= 0.23	0.00	0.00	n/a
N-Value	= .013	.013	.013	n/a
Orifice Coeff.	= 0.60	0.60	0.60	0.60
Multi-Stage	= n/a	No	No	No

Weir Structures

	[A]	[B]	[C]	[D]
Crest Len (ft)	= 12.56	30.00	0.00	0.00
Crest El. (ft)	= 62.70	63.20	0.00	0.00
Weir Coeff.	= 3.33	2.60	3.33	3.33
Weir Type	= Riser	Broad	---	---
Multi-Stage	= Yes	No	No	No
Exfil.(in/hr)	= 0.000 (by Wet area)			
TW Elev. (ft)	= 61.20			

Note: Culvert/Orifice outflows are analyzed under inlet (ic) and outlet (oc) control. Weir risers checked for orifice conditions (ic) and submergence (s).

Stage / Storage / Discharge Table

Stage ft	Storage cuft	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PrfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	User cfs	Total cfs
0.00	0	59.00	0.00	---	---	---	0.00	0.00	---	---	---	---	0.000
0.10	1,213	59.10	0.00	---	---	---	0.00	0.00	---	---	---	---	0.000
0.20	2,426	59.20	0.00	---	---	---	0.00	0.00	---	---	---	---	0.000
0.30	3,639	59.30	0.00	---	---	---	0.00	0.00	---	---	---	---	0.000
0.40	4,853	59.40	0.00	---	---	---	0.00	0.00	---	---	---	---	0.000
0.50	6,066	59.50	0.00	---	---	---	0.00	0.00	---	---	---	---	0.000
0.60	7,279	59.60	0.00	---	---	---	0.00	0.00	---	---	---	---	0.000
0.70	8,492	59.70	0.00	---	---	---	0.00	0.00	---	---	---	---	0.000
0.80	9,705	59.80	0.00	---	---	---	0.00	0.00	---	---	---	---	0.000
0.90	10,918	59.90	0.00	---	---	---	0.00	0.00	---	---	---	---	0.000
1.00	12,132	60.00	0.00	---	---	---	0.00	0.00	---	---	---	---	0.000
1.07	14,624	60.07	0.00	---	---	---	0.00	0.00	---	---	---	---	0.000
1.14	17,116	60.14	0.00	---	---	---	0.00	0.00	---	---	---	---	0.000
1.21	19,608	60.21	0.00	---	---	---	0.00	0.00	---	---	---	---	0.000
1.28	22,101	60.28	0.00	---	---	---	0.00	0.00	---	---	---	---	0.000
1.35	24,593	60.35	0.00	---	---	---	0.00	0.00	---	---	---	---	0.000
1.42	27,085	60.42	0.00	---	---	---	0.00	0.00	---	---	---	---	0.000
1.49	29,577	60.49	0.00	---	---	---	0.00	0.00	---	---	---	---	0.000
1.56	32,070	60.56	0.00	---	---	---	0.00	0.00	---	---	---	---	0.000
1.63	34,562	60.63	0.00	---	---	---	0.00	0.00	---	---	---	---	0.000
1.70	37,054	60.70	0.00	---	---	---	0.00	0.00	---	---	---	---	0.000
1.73	38,489	60.73	0.00	---	---	---	0.00	0.00	---	---	---	---	0.000
1.76	39,923	60.76	0.00	---	---	---	0.00	0.00	---	---	---	---	0.000
1.79	41,357	60.79	0.00	---	---	---	0.00	0.00	---	---	---	---	0.000
1.82	42,792	60.82	0.00	---	---	---	0.00	0.00	---	---	---	---	0.000
1.85	44,226	60.85	0.00	---	---	---	0.00	0.00	---	---	---	---	0.000
1.88	45,660	60.88	0.00	---	---	---	0.00	0.00	---	---	---	---	0.000
1.91	47,095	60.91	0.00	---	---	---	0.00	0.00	---	---	---	---	0.000
1.94	48,529	60.94	0.00	---	---	---	0.00	0.00	---	---	---	---	0.000
1.97	49,964	60.97	0.00	---	---	---	0.00	0.00	---	---	---	---	0.000
2.00	51,398	61.00	0.00	---	---	---	0.00	0.00	---	---	---	---	0.000
2.10	56,554	61.10	0.00	---	---	---	0.00	0.00	---	---	---	---	0.000
2.20	61,710	61.20	0.00	---	---	---	0.00	0.00	---	---	---	---	0.000
2.30	66,865	61.30	0.00	---	---	---	0.00	0.00	---	---	---	---	0.000
2.40	72,021	61.40	0.00	---	---	---	0.00	0.00	---	---	---	---	0.000
2.50	77,177	61.50	0.00	---	---	---	0.00	0.00	---	---	---	---	0.000
2.60	82,333	61.60	0.00	---	---	---	0.00	0.00	---	---	---	---	0.000
2.70	87,489	61.70	0.00	---	---	---	0.00	0.00	---	---	---	---	0.000

Continues on next page...

Detention Pond

Stage / Storage / Discharge Table

Stage ft	Storage cuft	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PrfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	User cfs	Total cfs
2.80	92,645	61.80	0.00	---	---	---	0.00	0.00	---	---	---	---	0.000
2.90	97,801	61.90	0.00	---	---	---	0.00	0.00	---	---	---	---	0.000
3.00	102,956	62.00	0.00	---	---	---	0.00	0.00	---	---	---	---	0.000
3.10	108,695	62.10	0.00	---	---	---	0.00	0.00	---	---	---	---	0.000
3.20	114,434	62.20	0.00	---	---	---	0.00	0.00	---	---	---	---	0.000
3.30	120,173	62.30	0.00	---	---	---	0.00	0.00	---	---	---	---	0.000
3.40	125,912	62.40	0.00	---	---	---	0.00	0.00	---	---	---	---	0.000
3.50	131,650	62.50	0.00	---	---	---	0.00	0.00	---	---	---	---	0.000
3.60	137,389	62.60	0.00	---	---	---	0.00	0.00	---	---	---	---	0.000
3.70	143,128	62.70	0.00	---	---	---	0.00	0.00	---	---	---	---	0.000
3.80	148,867	62.80	1.33 oc	---	---	---	1.32	0.00	---	---	---	---	1.322
3.90	154,606	62.90	3.74 oc	---	---	---	3.74	0.00	---	---	---	---	3.741
4.00	160,344	63.00	6.87 oc	---	---	---	6.87	0.00	---	---	---	---	6.872
4.10	166,676	63.10	10.58 oc	---	---	---	10.58	0.00	---	---	---	---	10.58
4.20	173,008	63.20	14.79 oc	---	---	---	14.79	0.00	---	---	---	---	14.79
4.30	179,340	63.30	17.49 oc	---	---	---	17.49 s	2.47	---	---	---	---	19.96
4.40	185,672	63.40	18.56 oc	---	---	---	18.56 s	6.98	---	---	---	---	25.54
4.50	192,004	63.50	19.35 oc	---	---	---	19.34 s	12.82	---	---	---	---	32.16
4.60	198,336	63.60	19.99 oc	---	---	---	19.99 s	19.73	---	---	---	---	39.72
4.70	204,667	63.70	20.56 oc	---	---	---	20.56 s	27.58	---	---	---	---	48.13
4.80	210,999	63.80	21.08 oc	---	---	---	21.07 s	36.25	---	---	---	---	57.32
4.90	217,331	63.90	21.56 oc	---	---	---	21.55 s	45.68	---	---	---	---	67.24
5.00	223,663	64.00	22.01 oc	---	---	---	22.00 s	55.81	---	---	---	---	77.81

...End

Hydrograph Summary Report

Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2009 by Autodesk, Inc. v6.066

Hyd. No.	Hydrograph type (origin)	Peak flow (cfs)	Time interval (min)	Time to peak (min)	Hyd. volume (cuft)	Inflow hyd(s)	Maximum elevation (ft)	Total strge used (cuft)	Hydrograph description
1	SCS Runoff	23.03	1	495	397,003	-----	-----	-----	Developed site storm event
2	Reservoir	7.458	1	589	253,870	1	63.02	161,345	Detention pond outflow
Proposed site SCS 06-25-09 Riser pipe emergency					Return Period: 100 Year			Thursday, Jul 2, 2009	

Hydrograph Report

Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2009 by Autodesk, Inc. v6.066

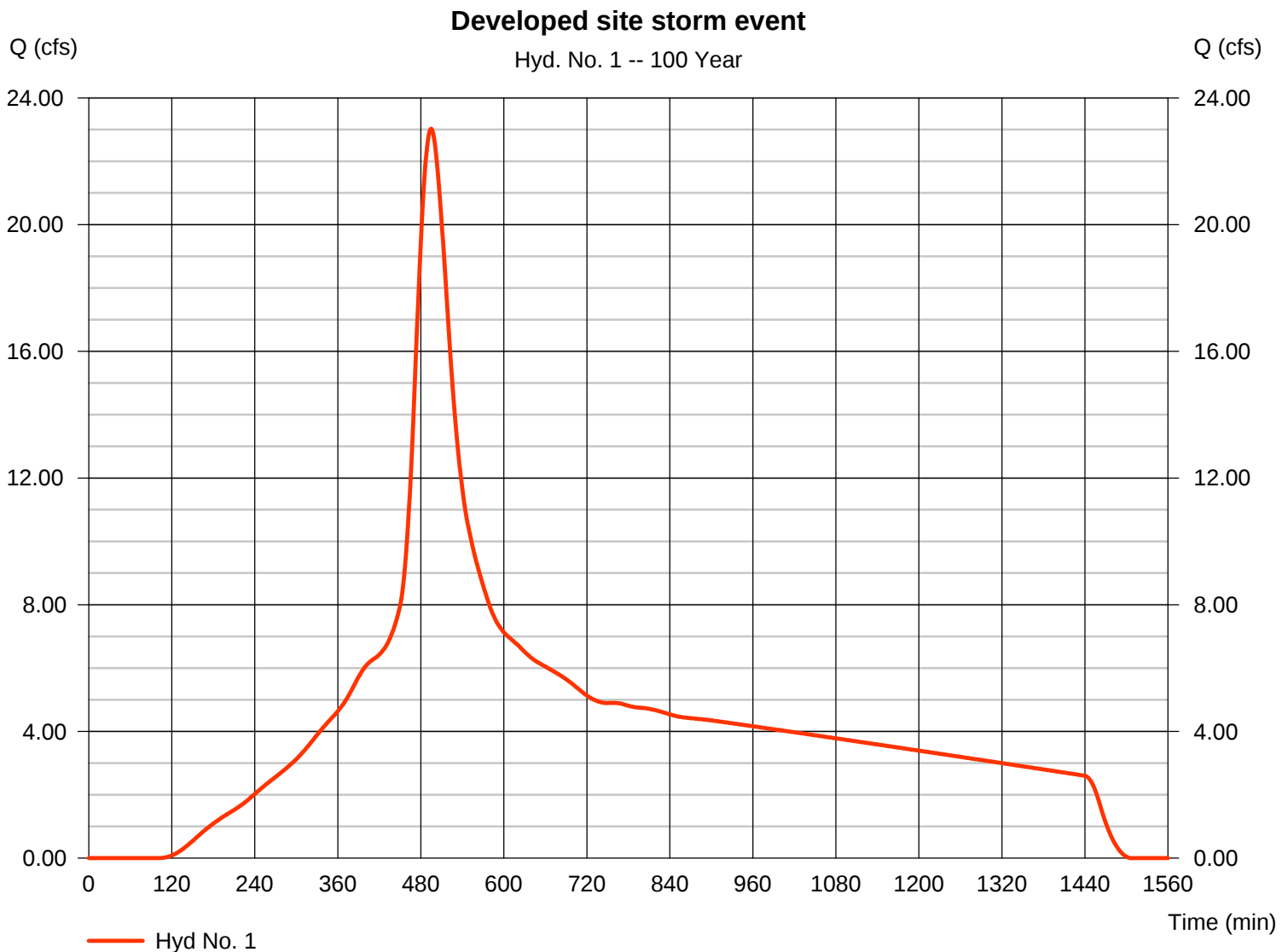
Thursday, Jul 2, 2009

Hyd. No. 1

Developed site storm event

Hydrograph type = SCS Runoff
Storm frequency = 100 yrs
Time interval = 1 min
Drainage area = 25.500 ac
Basin Slope = 0.0 %
Tc method = TR55
Total precip. = 5.30 in
Storm duration = 24 hrs

Peak discharge = 23.03 cfs
Time to peak = 495 min
Hyd. volume = 397,003 cuft
Curve number = 91
Hydraulic length = 0 ft
Time of conc. (Tc) = 34.00 min
Distribution = Type IA
Shape factor = 400



Hydrograph Report

Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2009 by Autodesk, Inc. v6.066

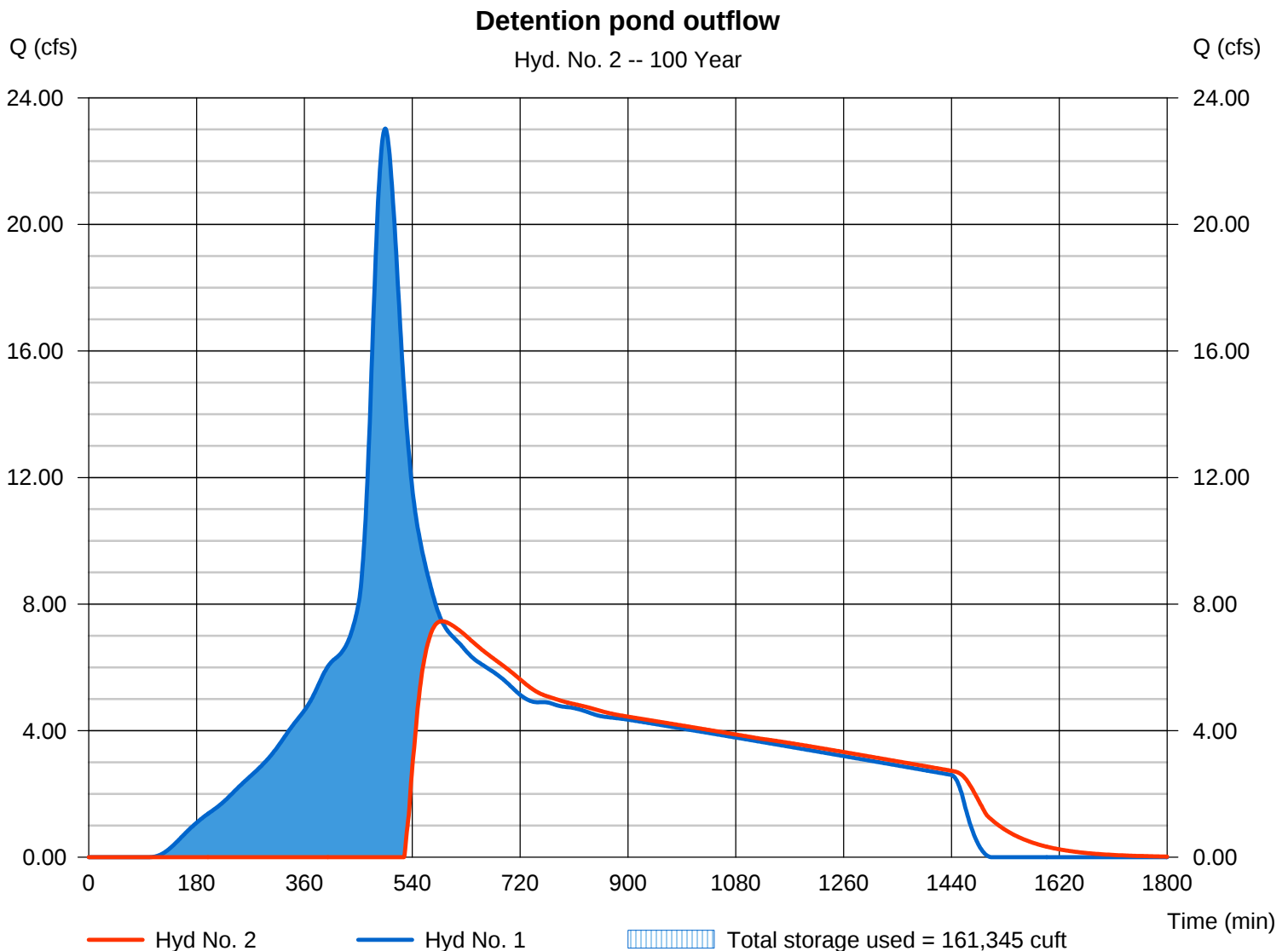
Thursday, Jul 2, 2009

Hyd. No. 2

Detention pond outflow

Hydrograph type	= Reservoir	Peak discharge	= 7.458 cfs
Storm frequency	= 100 yrs	Time to peak	= 589 min
Time interval	= 1 min	Hyd. volume	= 253,870 cuft
Inflow hyd. No.	= 1 - Developed site storm event	Max. Elevation	= 63.02 ft
Reservoir name	= Detention Pond	Max. Storage	= 161,345 cuft

Storage Indication method used.



Hydraflow Rainfall Report

Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2009 by Autodesk, Inc. v6.066

Thursday, Jul 2, 2009

Return Period (Yrs)	Intensity-Duration-Frequency Equation Coefficients (FHA)			
	B	D	E	(N/A)
1	0.0000	0.0000	0.0000	-----
2	6.1078	0.1000	0.5625	-----
3	0.0000	0.0000	0.0000	-----
5	8.7423	0.3000	0.5773	-----
10	9.7582	0.1000	0.5661	-----
25	11.5209	0.1000	0.5690	-----
50	12.8436	0.1000	0.5707	-----
100	14.8890	0.3000	0.5856	-----

File name: Vacaville_ISO_22.IDF

Intensity = B / (Tc + D)^E

Return Period (Yrs)	Intensity Values (in/hr)											
	5 min	10	15	20	25	30	35	40	45	50	55	60
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	2.44	1.66	1.33	1.13	1.00	0.90	0.83	0.77	0.72	0.68	0.64	0.61
3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5	3.34	2.27	1.81	1.54	1.35	1.22	1.12	1.03	0.97	0.91	0.86	0.82
10	3.88	2.63	2.10	1.78	1.57	1.42	1.30	1.21	1.13	1.06	1.01	0.96
25	4.56	3.09	2.46	2.09	1.84	1.66	1.52	1.41	1.32	1.24	1.18	1.12
50	5.07	3.43	2.73	2.32	2.04	1.84	1.69	1.56	1.46	1.38	1.30	1.24
100	5.61	3.80	3.01	2.55	2.24	2.02	1.85	1.71	1.60	1.50	1.42	1.35

Tc = time in minutes. Values may exceed 60.

Precip. file name: Sample.pcp

Storm Distribution	Rainfall Precipitation Table (in)							
	1-yr	2-yr	3-yr	5-yr	10-yr	25-yr	50-yr	100-yr
SCS 24-hour	0.00	2.39	0.00	3.20	3.74	4.39	4.85	5.30
SCS 6-Hr	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Huff-1st	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Huff-2nd	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Huff-3rd	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Huff-4th	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Huff-Indy	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Custom	0.00	2.39	0.00	3.20	3.74	4.39	4.85	5.30

Hydrograph Report

Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2009 by Autodesk, Inc. v6.066

Thursday, Jul 2, 2009

Hyd. No. 1

Developed site storm event

Hydrograph type	=	SCS Runoff	Peak discharge	=	14.81 cfs
Storm frequency	=	10 yrs	Time to peak	=	495 min
Time interval	=	1 min	Hyd. volume	=	257,225 cuft
Drainage area	=	25.500 ac	Curve number	=	91
Basin Slope	=	0.0 %	Hydraulic length	=	0 ft
Tc method	=	TR55	Time of conc. (Tc)	=	34.0 min
Total precip.	=	3.74 in	Distribution	=	Type IA
Storm duration	=	24 hrs	Shape factor	=	400

Hydrograph Discharge Table

(Printed values >= 1.00% of Qp.)

Time -- Outflow (min cfs)	Time -- Outflow (min cfs)	Time -- Outflow (min cfs)	Time -- Outflow (min cfs)
165 0.148	204 0.526	243 0.938	282 1.390
166 0.157	205 0.535	244 0.950	283 1.403
167 0.166	206 0.544	245 0.962	284 1.415
168 0.175	207 0.553	246 0.974	285 1.427
169 0.184	208 0.563	247 0.986	286 1.439
170 0.193	209 0.572	248 0.998	287 1.452
171 0.202	210 0.581	249 1.009	288 1.464
172 0.212	211 0.591	250 1.021	289 1.477
173 0.221	212 0.600	251 1.033	290 1.490
174 0.231	213 0.610	252 1.045	291 1.503
175 0.241	214 0.619	253 1.056	292 1.516
176 0.251	215 0.629	254 1.068	293 1.529
177 0.260	216 0.639	255 1.079	294 1.542
178 0.270	217 0.649	256 1.091	295 1.555
179 0.280	218 0.659	257 1.103	296 1.569
180 0.291	219 0.669	258 1.114	297 1.582
181 0.301	220 0.679	259 1.125	298 1.596
182 0.311	221 0.689	260 1.137	299 1.610
183 0.321	222 0.699	261 1.148	300 1.624
184 0.331	223 0.710	262 1.159	301 1.638
185 0.341	224 0.720	263 1.171	302 1.652
186 0.351	225 0.731	264 1.182	303 1.667
187 0.361	226 0.742	265 1.193	304 1.682
188 0.371	227 0.753	266 1.205	305 1.696
189 0.382	228 0.764	267 1.216	306 1.712
190 0.392	229 0.775	268 1.227	307 1.727
191 0.401	230 0.786	269 1.239	308 1.742
192 0.411	231 0.797	270 1.250	309 1.758
193 0.421	232 0.809	271 1.262	310 1.774
194 0.431	233 0.821	272 1.273	311 1.790
195 0.441	234 0.832	273 1.285	312 1.806
196 0.450	235 0.844	274 1.296	313 1.822
197 0.460	236 0.855	275 1.308	314 1.839
198 0.469	237 0.867	276 1.319	315 1.856
199 0.479	238 0.879	277 1.331	316 1.873
200 0.488	239 0.891	278 1.343	317 1.890
201 0.498	240 0.903	279 1.355	318 1.907
202 0.507	241 0.915	280 1.367	319 1.924
203 0.516	242 0.927	281 1.378	320 1.941

Continues on next page...

Hydrograph Discharge Table

Time -- Outflow (min cfs)	Time -- Outflow (min cfs)	Time -- Outflow (min cfs)	Time -- Outflow (min cfs)
321	1.959	377	2.995
322	1.977	378	3.021
323	1.994	379	3.048
324	2.012	380	3.074
325	2.030	381	3.101
326	2.048	382	3.129
327	2.066	383	3.156
328	2.084	384	3.183
329	2.102	385	3.210
330	2.120	386	3.238
331	2.138	387	3.265
332	2.155	388	3.292
333	2.173	389	3.318
334	2.191	390	3.345
335	2.208	391	3.371
336	2.226	392	3.397
337	2.243	393	3.422
338	2.260	394	3.446
339	2.277	395	3.469
340	2.294	396	3.492
341	2.311	397	3.513
342	2.328	398	3.534
343	2.345	399	3.555
344	2.361	400	3.574
345	2.378	401	3.593
346	2.394	402	3.610
347	2.411	403	3.628
348	2.427	404	3.644
349	2.443	405	3.659
350	2.460	406	3.674
351	2.476	407	3.689
352	2.492	408	3.702
353	2.508	409	3.715
354	2.525	410	3.727
355	2.542	411	3.739
356	2.559	412	3.751
357	2.576	413	3.763
358	2.593	414	3.776
359	2.610	415	3.788
360	2.628	416	3.802
361	2.646	417	3.815
362	2.664	418	3.830
363	2.683	419	3.845
364	2.702	420	3.860
365	2.721	421	3.877
366	2.742	422	3.894
367	2.762	423	3.911
368	2.783	424	3.930
369	2.805	425	3.950
370	2.827	426	3.971
371	2.850	427	3.992
372	2.873	428	4.015
373	2.896	429	4.039
374	2.920	430	4.064
375	2.945	431	4.091
376	2.970	432	4.118
		433	4.148
		434	4.178
		435	4.211
		436	4.245
		437	4.280
		438	4.317
		439	4.356
		440	4.396
		441	4.438
		442	4.482
		443	4.528
		444	4.576
		445	4.625
		446	4.676
		447	4.730
		448	4.785
		449	4.843
		450	4.902
		451	4.973
		452	5.057
		453	5.154
		454	5.264
		455	5.388
		456	5.526
		457	5.678
		458	5.844
		459	6.025
		460	6.220
		461	6.430
		462	6.654
		463	6.894
		464	7.147
		465	7.416
		466	7.699
		467	7.997
		468	8.309
		469	8.635
		470	8.976
		471	9.330
		472	9.683
		473	10.03
		474	10.38
		475	10.73
		476	11.07
		477	11.40
		478	11.73
		479	12.05
		480	12.36
		481	12.65
		482	12.93
		483	13.20
		484	13.44
		485	13.67
		486	13.88
		487	14.06
		488	14.23
		489	14.38
		490	14.50
		491	14.61
		492	14.69
		493	14.75
		494	14.79
		495	14.81 <<
		496	14.80
		497	14.78
		498	14.73
		499	14.66
		500	14.57
		501	14.46
		502	14.34
		503	14.21
		504	14.07
		505	13.92
		506	13.76
		507	13.59
		508	13.41
		509	13.23
		510	13.04
		511	12.84
		512	12.64
		513	12.44
		514	12.23
		515	12.02
		516	11.81
		517	11.59
		518	11.37
		519	11.15
		520	10.94
		521	10.73
		522	10.52
		523	10.32
		524	10.12
		525	9.930
		526	9.743
		527	9.561
		528	9.386
		529	9.217
		530	9.054
		531	8.898
		532	8.744
		533	8.595
		534	8.451
		535	8.312
		536	8.178
		537	8.049
		538	7.926
		539	7.808
		540	7.695
		541	7.586
		542	7.482
		543	7.384
		544	7.291

Continues on next page...

Hydrograph Discharge Table

Time -- Outflow (min cfs)	Time -- Outflow (min cfs)	Time -- Outflow (min cfs)	Time -- Outflow (min cfs)
545	7.203	601	4.749
546	7.120	602	4.735
547	7.043	603	4.721
548	6.970	604	4.708
549	6.899	605	4.695
550	6.831	606	4.682
551	6.764	607	4.670
552	6.698	608	4.657
553	6.634	609	4.644
554	6.572	610	4.632
555	6.510	611	4.619
556	6.450	612	4.607
557	6.392	613	4.594
558	6.334	614	4.582
559	6.277	615	4.570
560	6.221	616	4.558
561	6.166	617	4.545
562	6.114	618	4.533
563	6.062	619	4.521
564	6.012	620	4.509
565	5.962	621	4.497
566	5.913	622	4.482
567	5.865	623	4.467
568	5.817	624	4.452
569	5.770	625	4.437
570	5.723	626	4.423
571	5.675	627	4.408
572	5.628	628	4.394
573	5.582	629	4.380
574	5.536	630	4.366
575	5.491	631	4.352
576	5.447	632	4.339
577	5.403	633	4.326
578	5.360	634	4.313
579	5.320	635	4.300
580	5.280	636	4.288
581	5.242	637	4.276
582	5.206	638	4.265
583	5.170	639	4.253
584	5.136	640	4.241
585	5.104	641	4.230
586	5.072	642	4.219
587	5.042	643	4.208
588	5.013	644	4.198
589	4.986	645	4.188
590	4.959	646	4.179
591	4.934	647	4.170
592	4.912	648	4.161
593	4.892	649	4.153
594	4.872	650	4.144
595	4.852	651	4.137
596	4.833	652	4.129
597	4.815	653	4.121
598	4.797	654	4.113
599	4.780	655	4.105
600	4.763	656	4.097
		657	4.090
		658	4.082
		659	4.074
		660	4.066
		661	4.058
		662	4.050
		663	4.042
		664	4.033
		665	4.025
		666	4.017
		667	4.009
		668	4.000
		669	3.993
		670	3.985
		671	3.977
		672	3.970
		673	3.962
		674	3.954
		675	3.945
		676	3.937
		677	3.929
		678	3.920
		679	3.912
		680	3.903
		681	3.894
		682	3.885
		683	3.876
		684	3.866
		685	3.857
		686	3.848
		687	3.838
		688	3.828
		689	3.818
		690	3.808
		691	3.798
		692	3.788
		693	3.777
		694	3.766
		695	3.755
		696	3.744
		697	3.733
		698	3.721
		699	3.709
		700	3.698
		701	3.686
		702	3.674
		703	3.662
		704	3.651
		705	3.639
		706	3.627
		707	3.615
		708	3.603
		709	3.591
		710	3.579
		711	3.567
		712	3.555
		713	3.544
		714	3.532
		715	3.521
		716	3.510
		717	3.500
		718	3.489
		719	3.479
		720	3.469
		721	3.459
		722	3.449
		723	3.440
		724	3.431
		725	3.422
		726	3.414
		727	3.405
		728	3.398
		729	3.390
		730	3.383
		731	3.376
		732	3.369
		733	3.363
		734	3.357
		735	3.352
		736	3.347
		737	3.342
		738	3.337
		739	3.333
		740	3.330
		741	3.326
		742	3.324
		743	3.321
		744	3.319
		745	3.317
		746	3.316
		747	3.315
		748	3.315
		749	3.315
		750	3.315
		751	3.315
		752	3.316
		753	3.317
		754	3.317
		755	3.318
		756	3.318
		757	3.319
		758	3.319
		759	3.319
		760	3.319
		761	3.319
		762	3.318
		763	3.318
		764	3.317
		765	3.315
		766	3.314
		767	3.312
		768	3.309

Continues on next page...

Hydrograph Discharge Table

Time -- Outflow (min cfs)	Time -- Outflow (min cfs)	Time -- Outflow (min cfs)	Time -- Outflow (min cfs)
769	3.306	825	3.151
770	3.303	826	3.147
771	3.299	827	3.143
772	3.295	828	3.139
773	3.291	829	3.135
774	3.286	830	3.130
775	3.282	831	3.126
776	3.278	832	3.122
777	3.274	833	3.117
778	3.270	834	3.113
779	3.266	835	3.109
780	3.262	836	3.104
781	3.258	837	3.100
782	3.254	838	3.095
783	3.251	839	3.091
784	3.247	840	3.087
785	3.244	841	3.082
786	3.242	842	3.078
787	3.239	843	3.074
788	3.236	844	3.070
789	3.234	845	3.066
790	3.232	846	3.062
791	3.230	847	3.058
792	3.228	848	3.054
793	3.227	849	3.051
794	3.225	850	3.048
795	3.224	851	3.044
796	3.223	852	3.041
797	3.222	853	3.039
798	3.221	854	3.036
799	3.220	855	3.034
800	3.219	856	3.031
801	3.218	857	3.029
802	3.217	858	3.027
803	3.216	859	3.025
804	3.214	860	3.024
805	3.212	861	3.022
806	3.210	862	3.020
807	3.208	863	3.019
808	3.206	864	3.017
809	3.203	865	3.016
810	3.201	866	3.014
811	3.198	867	3.013
812	3.195	868	3.011
813	3.192	869	3.010
814	3.189	870	3.009
815	3.186	871	3.007
816	3.183	872	3.006
817	3.180	873	3.005
818	3.176	874	3.003
819	3.173	875	3.002
820	3.170	876	3.001
821	3.166	877	2.999
822	3.163	878	2.998
823	3.159	879	2.997
824	3.155	880	2.995
		881	2.994
		882	2.993
		883	2.991
		884	2.990
		885	2.988
		886	2.987
		887	2.986
		888	2.984
		889	2.983
		890	2.981
		891	2.980
		892	2.978
		893	2.976
		894	2.975
		895	2.973
		896	2.971
		897	2.970
		898	2.968
		899	2.966
		900	2.964
		901	2.962
		902	2.961
		903	2.959
		904	2.957
		905	2.955
		906	2.953
		907	2.951
		908	2.949
		909	2.947
		910	2.945
		911	2.943
		912	2.941
		913	2.939
		914	2.937
		915	2.935
		916	2.933
		917	2.931
		918	2.929
		919	2.927
		920	2.925
		921	2.923
		922	2.921
		923	2.919
		924	2.917
		925	2.915
		926	2.913
		927	2.911
		928	2.909
		929	2.907
		930	2.905
		931	2.903
		932	2.901
		933	2.899
		934	2.897
		935	2.895
		936	2.893
		937	2.891
		938	2.889
		939	2.887
		940	2.885
		941	2.883
		942	2.881
		943	2.879
		944	2.877
		945	2.874
		946	2.872
		947	2.870
		948	2.868
		949	2.866
		950	2.864
		951	2.862
		952	2.860
		953	2.858
		954	2.856
		955	2.854
		956	2.852
		957	2.850
		958	2.848
		959	2.846
		960	2.844
		961	2.842
		962	2.840
		963	2.838
		964	2.836
		965	2.834
		966	2.832
		967	2.830
		968	2.828
		969	2.825
		970	2.823
		971	2.821
		972	2.819
		973	2.817
		974	2.815
		975	2.813
		976	2.811
		977	2.809
		978	2.807
		979	2.805
		980	2.803
		981	2.801
		982	2.799
		983	2.797
		984	2.795
		985	2.793
		986	2.790
		987	2.788
		988	2.786
		989	2.784
		990	2.782
		991	2.780
		992	2.778

Continues on next page...

Hydrograph Discharge Table

Time -- Outflow (min cfs)	Time -- Outflow (min cfs)	Time -- Outflow (min cfs)	Time -- Outflow (min cfs)
993	2.776	1049	2.659
994	2.774	1050	2.657
995	2.772	1051	2.654
996	2.770	1052	2.652
997	2.768	1053	2.650
998	2.766	1054	2.648
999	2.764	1055	2.646
1000	2.761	1056	2.644
1001	2.759	1057	2.642
1002	2.757	1058	2.640
1003	2.755	1059	2.637
1004	2.753	1060	2.635
1005	2.751	1061	2.633
1006	2.749	1062	2.631
1007	2.747	1063	2.629
1008	2.745	1064	2.627
1009	2.743	1065	2.625
1010	2.741	1066	2.623
1011	2.739	1067	2.620
1012	2.736	1068	2.618
1013	2.734	1069	2.616
1014	2.732	1070	2.614
1015	2.730	1071	2.612
1016	2.728	1072	2.610
1017	2.726	1073	2.608
1018	2.724	1074	2.606
1019	2.722	1075	2.603
1020	2.720	1076	2.601
1021	2.718	1077	2.599
1022	2.716	1078	2.597
1023	2.713	1079	2.595
1024	2.711	1080	2.593
1025	2.709	1081	2.591
1026	2.707	1082	2.588
1027	2.705	1083	2.586
1028	2.703	1084	2.584
1029	2.701	1085	2.582
1030	2.699	1086	2.580
1031	2.697	1087	2.578
1032	2.695	1088	2.576
1033	2.692	1089	2.574
1034	2.690	1090	2.571
1035	2.688	1091	2.569
1036	2.686	1092	2.567
1037	2.684	1093	2.565
1038	2.682	1094	2.563
1039	2.680	1095	2.561
1040	2.678	1096	2.559
1041	2.676	1097	2.556
1042	2.673	1098	2.554
1043	2.671	1099	2.552
1044	2.669	1100	2.550
1045	2.667	1101	2.548
1046	2.665	1102	2.546
1047	2.663	1103	2.543
1048	2.661	1104	2.541
		1105	2.539
		1106	2.537
		1107	2.535
		1108	2.533
		1109	2.531
		1110	2.528
		1111	2.526
		1112	2.524
		1113	2.522
		1114	2.520
		1115	2.518
		1116	2.515
		1117	2.513
		1118	2.511
		1119	2.509
		1120	2.507
		1121	2.505
		1122	2.503
		1123	2.500
		1124	2.498
		1125	2.496
		1126	2.494
		1127	2.492
		1128	2.490
		1129	2.487
		1130	2.485
		1131	2.483
		1132	2.481
		1133	2.479
		1134	2.477
		1135	2.474
		1136	2.472
		1137	2.470
		1138	2.468
		1139	2.466
		1140	2.464
		1141	2.461
		1142	2.459
		1143	2.457
		1144	2.455
		1145	2.453
		1146	2.451
		1147	2.448
		1148	2.446
		1149	2.444
		1150	2.442
		1151	2.440
		1152	2.437
		1153	2.435
		1154	2.433
		1155	2.431
		1156	2.429
		1157	2.427
		1158	2.424
		1159	2.422
		1160	2.420
		1161	2.418
		1162	2.416
		1163	2.414
		1164	2.411
		1165	2.409
		1166	2.407
		1167	2.405
		1168	2.403
		1169	2.400
		1170	2.398
		1171	2.396
		1172	2.394
		1173	2.392
		1174	2.389
		1175	2.387
		1176	2.385
		1177	2.383
		1178	2.381
		1179	2.379
		1180	2.376
		1181	2.374
		1182	2.372
		1183	2.370
		1184	2.368
		1185	2.365
		1186	2.363
		1187	2.361
		1188	2.359
		1189	2.357
		1190	2.354
		1191	2.352
		1192	2.350
		1193	2.348
		1194	2.346
		1195	2.343
		1196	2.341
		1197	2.339
		1198	2.337
		1199	2.335
		1200	2.332
		1201	2.330
		1202	2.328
		1203	2.326
		1204	2.324
		1205	2.321
		1206	2.319
		1207	2.317
		1208	2.315
		1209	2.313
		1210	2.310
		1211	2.308
		1212	2.306
		1213	2.304
		1214	2.302
		1215	2.299
		1216	2.297

Continues on next page...

Hydrograph Discharge Table

Time -- Outflow (min cfs)	Time -- Outflow (min cfs)	Time -- Outflow (min cfs)	Time -- Outflow (min cfs)
1217	2.295	1273	2.171
1218	2.293	1274	2.169
1219	2.291	1275	2.166
1220	2.288	1276	2.164
1221	2.286	1277	2.162
1222	2.284	1278	2.160
1223	2.282	1279	2.157
1224	2.280	1280	2.155
1225	2.277	1281	2.153
1226	2.275	1282	2.151
1227	2.273	1283	2.149
1228	2.271	1284	2.146
1229	2.269	1285	2.144
1230	2.266	1286	2.142
1231	2.264	1287	2.140
1232	2.262	1288	2.137
1233	2.260	1289	2.135
1234	2.257	1290	2.133
1235	2.255	1291	2.131
1236	2.253	1292	2.128
1237	2.251	1293	2.126
1238	2.249	1294	2.124
1239	2.246	1295	2.122
1240	2.244	1296	2.120
1241	2.242	1297	2.117
1242	2.240	1298	2.115
1243	2.238	1299	2.113
1244	2.235	1300	2.111
1245	2.233	1301	2.108
1246	2.231	1302	2.106
1247	2.229	1303	2.104
1248	2.226	1304	2.102
1249	2.224	1305	2.099
1250	2.222	1306	2.097
1251	2.220	1307	2.095
1252	2.218	1308	2.093
1253	2.215	1309	2.090
1254	2.213	1310	2.088
1255	2.211	1311	2.086
1256	2.209	1312	2.084
1257	2.206	1313	2.081
1258	2.204	1314	2.079
1259	2.202	1315	2.077
1260	2.200	1316	2.075
1261	2.198	1317	2.072
1262	2.195	1318	2.070
1263	2.193	1319	2.068
1264	2.191	1320	2.066
1265	2.189	1321	2.063
1266	2.186	1322	2.061
1267	2.184	1323	2.059
1268	2.182	1324	2.057
1269	2.180	1325	2.055
1270	2.178	1326	2.052
1271	2.175	1327	2.050
1272	2.173	1328	2.048
		1329	2.046
		1330	2.043
		1331	2.041
		1332	2.039
		1333	2.037
		1334	2.034
		1335	2.032
		1336	2.030
		1337	2.028
		1338	2.025
		1339	2.023
		1340	2.021
		1341	2.019
		1342	2.016
		1343	2.014
		1344	2.012
		1345	2.010
		1346	2.007
		1347	2.005
		1348	2.003
		1349	2.001
		1350	1.998
		1351	1.996
		1352	1.994
		1353	1.992
		1354	1.989
		1355	1.987
		1356	1.985
		1357	1.982
		1358	1.980
		1359	1.978
		1360	1.976
		1361	1.973
		1362	1.971
		1363	1.969
		1364	1.967
		1365	1.964
		1366	1.962
		1367	1.960
		1368	1.958
		1369	1.955
		1370	1.953
		1371	1.951
		1372	1.949
		1373	1.946
		1374	1.944
		1375	1.942
		1376	1.940
		1377	1.937
		1378	1.935
		1379	1.933
		1380	1.931
		1381	1.928
		1382	1.926
		1383	1.924
		1384	1.921
		1385	1.919
		1386	1.917
		1387	1.915
		1388	1.912
		1389	1.910
		1390	1.908
		1391	1.906
		1392	1.903
		1393	1.901
		1394	1.899
		1395	1.897
		1396	1.894
		1397	1.892
		1398	1.890
		1399	1.888
		1400	1.885
		1401	1.883
		1402	1.881
		1403	1.878
		1404	1.876
		1405	1.874
		1406	1.872
		1407	1.869
		1408	1.867
		1409	1.865
		1410	1.863
		1411	1.860
		1412	1.858
		1413	1.856
		1414	1.853
		1415	1.851
		1416	1.849
		1417	1.847
		1418	1.844
		1419	1.842
		1420	1.840
		1421	1.838
		1422	1.835
		1423	1.833
		1424	1.831
		1425	1.828
		1426	1.826
		1427	1.824
		1428	1.822
		1429	1.819
		1430	1.817
		1431	1.815
		1432	1.813
		1433	1.810
		1434	1.808
		1435	1.806
		1436	1.803
		1437	1.801
		1438	1.799
		1439	1.797
		1440	1.794

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Hydrograph Discharge Table

**Time -- Outflow
(min cfs)**

1441	1.790
1442	1.783
1443	1.773
1444	1.761
1445	1.747
1446	1.730
1447	1.711
1448	1.689
1449	1.665
1450	1.639
1451	1.610
1452	1.579
1453	1.546
1454	1.510
1455	1.472
1456	1.431
1457	1.388
1458	1.343
1459	1.295
1460	1.245
1461	1.193
1462	1.142
1463	1.091
1464	1.042
1465	0.995
1466	0.948
1467	0.902
1468	0.858
1469	0.815
1470	0.773
1471	0.732
1472	0.692
1473	0.653
1474	0.616
1475	0.579
1476	0.544
1477	0.510
1478	0.476
1479	0.445
1480	0.414
1481	0.384
1482	0.355
1483	0.328
1484	0.302
1485	0.276
1486	0.252
1487	0.229
1488	0.207
1489	0.186
1490	0.167
1491	0.148

...End

Hydrograph Report

Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2009 by Autodesk, Inc. v6.066

Thursday, Jul 2, 2009

Hyd. No. 2

Detention pond outflow

Hydrograph type	= Reservoir	Peak discharge	= 2.737 cfs
Storm frequency	= 10 yrs	Time to peak	= 1012 min
Time interval	= 1 min	Hyd. volume	= 84,215 cuft
Inflow hyd. No.	= 1 - Developed site storm event	Reservoir name	= Detention Pond
Max. Elevation	= 63.31 ft	Max. Storage	= 179,719 cuft

Storage Indication method used.

Hydrograph Discharge Table

(Printed values >= 1.00% of Qp.)

Time (min)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
881	2.994	63.20	----	----	----	----	0.084	----	----	----	----	0.084
882	2.993	63.21	----	----	----	----	0.151	----	----	----	----	0.151
883	2.991	63.21	----	----	----	----	0.216	----	----	----	----	0.216
884	2.990	63.21	----	----	----	----	0.280	----	----	----	----	0.281
885	2.988	63.21	----	----	----	----	0.343	----	----	----	----	0.343
886	2.987	63.22	----	----	----	----	0.404	----	----	----	----	0.404
887	2.986	63.22	----	----	----	----	0.464	----	----	----	----	0.464
888	2.984	63.22	----	----	----	----	0.522	----	----	----	----	0.522
889	2.983	63.22	----	----	----	----	0.579	----	----	----	----	0.579
890	2.981	63.23	----	----	----	----	0.634	----	----	----	----	0.634
891	2.980	63.23	----	----	----	----	0.689	----	----	----	----	0.689
892	2.978	63.23	----	----	----	----	0.742	----	----	----	----	0.742
893	2.976	63.23	----	----	----	----	0.793	----	----	----	----	0.793
894	2.975	63.23	----	----	----	----	0.844	----	----	----	----	0.844
895	2.973	63.24	----	----	----	----	0.893	----	----	----	----	0.893
896	2.971	63.24	----	----	----	----	0.941	----	----	----	----	0.941
897	2.970	63.24	----	----	----	----	0.988	----	----	----	----	0.988
898	2.968	63.24	----	----	----	----	1.034	----	----	----	----	1.034
899	2.966	63.24	----	----	----	----	1.078	----	----	----	----	1.078
900	2.964	63.25	----	----	----	----	1.122	----	----	----	----	1.122
901	2.962	63.25	----	----	----	----	1.164	----	----	----	----	1.164
902	2.961	63.25	----	----	----	----	1.206	----	----	----	----	1.206
903	2.959	63.25	----	----	----	----	1.246	----	----	----	----	1.246
904	2.957	63.25	----	----	----	----	1.286	----	----	----	----	1.286
905	2.955	63.25	----	----	----	----	1.325	----	----	----	----	1.325
906	2.953	63.26	----	----	----	----	1.362	----	----	----	----	1.362
907	2.951	63.26	----	----	----	----	1.399	----	----	----	----	1.399
908	2.949	63.26	----	----	----	----	1.435	----	----	----	----	1.435
909	2.947	63.26	----	----	----	----	1.470	----	----	----	----	1.470
910	2.945	63.26	----	----	----	----	1.504	----	----	----	----	1.504
911	2.943	63.26	----	----	----	----	1.537	----	----	----	----	1.537
912	2.941	63.26	----	----	----	----	1.570	----	----	----	----	1.570
913	2.939	63.26	----	----	----	----	1.601	----	----	----	----	1.601
914	2.937	63.27	----	----	----	----	1.632	----	----	----	----	1.632
915	2.935	63.27	----	----	----	----	1.662	----	----	----	----	1.662
916	2.933	63.27	----	----	----	----	1.692	----	----	----	----	1.692
917	2.931	63.27	----	----	----	----	1.720	----	----	----	----	1.720
918	2.929	63.27	----	----	----	----	1.748	----	----	----	----	1.748
919	2.927	63.27	----	----	----	----	1.775	----	----	----	----	1.775
920	2.925	63.27	----	----	----	----	1.802	----	----	----	----	1.802
921	2.923	63.27	----	----	----	----	1.828	----	----	----	----	1.828
922	2.921	63.28	----	----	----	----	1.853	----	----	----	----	1.853

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Hydrograph Discharge Table

Time (min)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
923	2.919	63.28	----	----	----	----	1.878	----	----	----	----	1.878
924	2.917	63.28	----	----	----	----	1.902	----	----	----	----	1.902
925	2.915	63.28	----	----	----	----	1.925	----	----	----	----	1.925
926	2.913	63.28	----	----	----	----	1.948	----	----	----	----	1.948
927	2.911	63.28	----	----	----	----	1.970	----	----	----	----	1.970
928	2.909	63.28	----	----	----	----	1.992	----	----	----	----	1.992
929	2.907	63.28	----	----	----	----	2.013	----	----	----	----	2.013
930	2.905	63.28	----	----	----	----	2.034	----	----	----	----	2.034
931	2.903	63.28	----	----	----	----	2.054	----	----	----	----	2.054
932	2.901	63.28	----	----	----	----	2.074	----	----	----	----	2.074
933	2.899	63.28	----	----	----	----	2.093	----	----	----	----	2.093
934	2.897	63.29	----	----	----	----	2.111	----	----	----	----	2.111
935	2.895	63.29	----	----	----	----	2.129	----	----	----	----	2.129
936	2.893	63.29	----	----	----	----	2.147	----	----	----	----	2.147
937	2.891	63.29	----	----	----	----	2.164	----	----	----	----	2.164
938	2.889	63.29	----	----	----	----	2.181	----	----	----	----	2.181
939	2.887	63.29	----	----	----	----	2.197	----	----	----	----	2.197
940	2.885	63.29	----	----	----	----	2.213	----	----	----	----	2.213
941	2.883	63.29	----	----	----	----	2.229	----	----	----	----	2.229
942	2.881	63.29	----	----	----	----	2.244	----	----	----	----	2.244
943	2.879	63.29	----	----	----	----	2.258	----	----	----	----	2.258
944	2.877	63.29	----	----	----	----	2.273	----	----	----	----	2.273
945	2.874	63.29	----	----	----	----	2.287	----	----	----	----	2.287
946	2.872	63.29	----	----	----	----	2.300	----	----	----	----	2.300
947	2.870	63.29	----	----	----	----	2.313	----	----	----	----	2.313
948	2.868	63.29	----	----	----	----	2.326	----	----	----	----	2.326
949	2.866	63.29	----	----	----	----	2.339	----	----	----	----	2.339
950	2.864	63.30	----	----	----	----	2.351	----	----	----	----	2.351
951	2.862	63.30	----	----	----	----	2.363	----	----	----	----	2.363
952	2.860	63.30	----	----	----	----	2.374	----	----	----	----	2.374
953	2.858	63.30	----	----	----	----	2.386	----	----	----	----	2.386
954	2.856	63.30	----	----	----	----	2.396	----	----	----	----	2.396
955	2.854	63.30	----	----	----	----	2.407	----	----	----	----	2.407
956	2.852	63.30	----	----	----	----	2.417	----	----	----	----	2.417
957	2.850	63.30	----	----	----	----	2.427	----	----	----	----	2.427
958	2.848	63.30	----	----	----	----	2.437	----	----	----	----	2.437
959	2.846	63.30	----	----	----	----	2.447	----	----	----	----	2.447
960	2.844	63.30	----	----	----	----	2.456	----	----	----	----	2.456
961	2.842	63.30	----	----	----	----	2.465	----	----	----	----	2.465
962	2.840	63.30	----	----	----	----	2.479	----	----	----	----	2.479
963	2.838	63.30	----	----	----	----	2.494	----	----	----	----	2.494
964	2.836	63.30	----	----	----	----	2.508	----	----	----	----	2.508
965	2.834	63.30	----	----	----	----	2.522	----	----	----	----	2.522
966	2.832	63.30	----	----	----	----	2.535	----	----	----	----	2.535
967	2.830	63.30	----	----	----	----	2.547	----	----	----	----	2.547
968	2.828	63.30	----	----	----	----	2.559	----	----	----	----	2.559
969	2.825	63.30	----	----	----	----	2.570	----	----	----	----	2.570
970	2.823	63.30	----	----	----	----	2.581	----	----	----	----	2.581
971	2.821	63.30	----	----	----	----	2.591	----	----	----	----	2.591
972	2.819	63.30	----	----	----	----	2.601	----	----	----	----	2.601
973	2.817	63.30	----	----	----	----	2.610	----	----	----	----	2.610
974	2.815	63.30	----	----	----	----	2.618	----	----	----	----	2.618
975	2.813	63.30	----	----	----	----	2.627	----	----	----	----	2.627
976	2.811	63.30	----	----	----	----	2.634	----	----	----	----	2.634
977	2.809	63.30	----	----	----	----	2.642	----	----	----	----	2.642
978	2.807	63.30	----	----	----	----	2.649	----	----	----	----	2.649

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Hydrograph Discharge Table

Time (min)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
979	2.805	63.30	----	----	----	----	2.655	----	----	----	----	2.655
980	2.803	63.30	----	----	----	----	2.661	----	----	----	----	2.661
981	2.801	63.30	----	----	----	----	2.667	----	----	----	----	2.667
982	2.799	63.30	----	----	----	----	2.673	----	----	----	----	2.673
983	2.797	63.30	----	----	----	----	2.678	----	----	----	----	2.678
984	2.795	63.30	----	----	----	----	2.683	----	----	----	----	2.683
985	2.793	63.30	----	----	----	----	2.688	----	----	----	----	2.688
986	2.790	63.31	----	----	----	----	2.692	----	----	----	----	2.692
987	2.788	63.31	----	----	----	----	2.696	----	----	----	----	2.696
988	2.786	63.31	----	----	----	----	2.700	----	----	----	----	2.700
989	2.784	63.31	----	----	----	----	2.703	----	----	----	----	2.703
990	2.782	63.31	----	----	----	----	2.707	----	----	----	----	2.707
991	2.780	63.31	----	----	----	----	2.710	----	----	----	----	2.710
992	2.778	63.31	----	----	----	----	2.713	----	----	----	----	2.713
993	2.776	63.31	----	----	----	----	2.715	----	----	----	----	2.715
994	2.774	63.31	----	----	----	----	2.718	----	----	----	----	2.718
995	2.772	63.31	----	----	----	----	2.720	----	----	----	----	2.720
996	2.770	63.31	----	----	----	----	2.722	----	----	----	----	2.722
997	2.768	63.31	----	----	----	----	2.724	----	----	----	----	2.724
998	2.766	63.31	----	----	----	----	2.726	----	----	----	----	2.726
999	2.764	63.31	----	----	----	----	2.728	----	----	----	----	2.728
1000	2.761	63.31	----	----	----	----	2.729	----	----	----	----	2.729
1001	2.759	63.31	----	----	----	----	2.730	----	----	----	----	2.730
1002	2.757	63.31	----	----	----	----	2.732	----	----	----	----	2.732
1003	2.755	63.31	----	----	----	----	2.733	----	----	----	----	2.733
1004	2.753	63.31	----	----	----	----	2.734	----	----	----	----	2.734
1005	2.751	63.31	----	----	----	----	2.734	----	----	----	----	2.734
1006	2.749	63.31	----	----	----	----	2.735	----	----	----	----	2.735
1007	2.747	63.31	----	----	----	----	2.736	----	----	----	----	2.736
1008	2.745	63.31	----	----	----	----	2.736	----	----	----	----	2.736
1009	2.743	63.31	----	----	----	----	2.736	----	----	----	----	2.736
1010	2.741	63.31	----	----	----	----	2.736	----	----	----	----	2.737
1011	2.739	63.31	----	----	----	----	2.737	----	----	----	----	2.737
1012	2.736	63.31 <<	----	----	----	----	2.737	----	----	----	----	2.737 <<
1013	2.734	63.31	----	----	----	----	2.737	----	----	----	----	2.737
1014	2.732	63.31	----	----	----	----	2.736	----	----	----	----	2.736
1015	2.730	63.31	----	----	----	----	2.736	----	----	----	----	2.736
1016	2.728	63.31	----	----	----	----	2.736	----	----	----	----	2.736
1017	2.726	63.31	----	----	----	----	2.736	----	----	----	----	2.736
1018	2.724	63.31	----	----	----	----	2.735	----	----	----	----	2.735
1019	2.722	63.31	----	----	----	----	2.735	----	----	----	----	2.735
1020	2.720	63.31	----	----	----	----	2.734	----	----	----	----	2.734
1021	2.718	63.31	----	----	----	----	2.733	----	----	----	----	2.733
1022	2.716	63.31	----	----	----	----	2.733	----	----	----	----	2.733
1023	2.713	63.31	----	----	----	----	2.732	----	----	----	----	2.732
1024	2.711	63.31	----	----	----	----	2.731	----	----	----	----	2.731
1025	2.709	63.31	----	----	----	----	2.730	----	----	----	----	2.730
1026	2.707	63.31	----	----	----	----	2.729	----	----	----	----	2.729
1027	2.705	63.31	----	----	----	----	2.728	----	----	----	----	2.728
1028	2.703	63.31	----	----	----	----	2.727	----	----	----	----	2.727
1029	2.701	63.31	----	----	----	----	2.726	----	----	----	----	2.726
1030	2.699	63.31	----	----	----	----	2.725	----	----	----	----	2.725
1031	2.697	63.31	----	----	----	----	2.724	----	----	----	----	2.724
1032	2.695	63.31	----	----	----	----	2.723	----	----	----	----	2.723
1033	2.692	63.31	----	----	----	----	2.722	----	----	----	----	2.722
1034	2.690	63.31	----	----	----	----	2.720	----	----	----	----	2.720

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Hydrograph Discharge Table

Time (min)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
1035	2.688	63.31	----	----	----	----	2.719	----	----	----	----	2.719
1036	2.686	63.31	----	----	----	----	2.718	----	----	----	----	2.718
1037	2.684	63.31	----	----	----	----	2.716	----	----	----	----	2.716
1038	2.682	63.31	----	----	----	----	2.715	----	----	----	----	2.715
1039	2.680	63.31	----	----	----	----	2.714	----	----	----	----	2.714
1040	2.678	63.31	----	----	----	----	2.712	----	----	----	----	2.712
1041	2.676	63.31	----	----	----	----	2.711	----	----	----	----	2.711
1042	2.673	63.31	----	----	----	----	2.709	----	----	----	----	2.709
1043	2.671	63.31	----	----	----	----	2.708	----	----	----	----	2.708
1044	2.669	63.31	----	----	----	----	2.706	----	----	----	----	2.706
1045	2.667	63.31	----	----	----	----	2.704	----	----	----	----	2.704
1046	2.665	63.31	----	----	----	----	2.703	----	----	----	----	2.703
1047	2.663	63.31	----	----	----	----	2.701	----	----	----	----	2.701
1048	2.661	63.31	----	----	----	----	2.699	----	----	----	----	2.700
1049	2.659	63.31	----	----	----	----	2.698	----	----	----	----	2.698
1050	2.657	63.31	----	----	----	----	2.696	----	----	----	----	2.696
1051	2.654	63.31	----	----	----	----	2.694	----	----	----	----	2.694
1052	2.652	63.31	----	----	----	----	2.693	----	----	----	----	2.693
1053	2.650	63.30	----	----	----	----	2.691	----	----	----	----	2.691
1054	2.648	63.30	----	----	----	----	2.689	----	----	----	----	2.689
1055	2.646	63.30	----	----	----	----	2.688	----	----	----	----	2.688
1056	2.644	63.30	----	----	----	----	2.686	----	----	----	----	2.686
1057	2.642	63.30	----	----	----	----	2.684	----	----	----	----	2.684
1058	2.640	63.30	----	----	----	----	2.682	----	----	----	----	2.682
1059	2.637	63.30	----	----	----	----	2.680	----	----	----	----	2.680
1060	2.635	63.30	----	----	----	----	2.678	----	----	----	----	2.678
1061	2.633	63.30	----	----	----	----	2.677	----	----	----	----	2.677
1062	2.631	63.30	----	----	----	----	2.675	----	----	----	----	2.675
1063	2.629	63.30	----	----	----	----	2.673	----	----	----	----	2.673
1064	2.627	63.30	----	----	----	----	2.671	----	----	----	----	2.671
1065	2.625	63.30	----	----	----	----	2.669	----	----	----	----	2.669
1066	2.623	63.30	----	----	----	----	2.667	----	----	----	----	2.667
1067	2.620	63.30	----	----	----	----	2.665	----	----	----	----	2.665
1068	2.618	63.30	----	----	----	----	2.663	----	----	----	----	2.663
1069	2.616	63.30	----	----	----	----	2.661	----	----	----	----	2.661
1070	2.614	63.30	----	----	----	----	2.660	----	----	----	----	2.660
1071	2.612	63.30	----	----	----	----	2.658	----	----	----	----	2.658
1072	2.610	63.30	----	----	----	----	2.656	----	----	----	----	2.656
1073	2.608	63.30	----	----	----	----	2.654	----	----	----	----	2.654
1074	2.606	63.30	----	----	----	----	2.652	----	----	----	----	2.652
1075	2.603	63.30	----	----	----	----	2.650	----	----	----	----	2.650
1076	2.601	63.30	----	----	----	----	2.648	----	----	----	----	2.648
1077	2.599	63.30	----	----	----	----	2.646	----	----	----	----	2.646
1078	2.597	63.30	----	----	----	----	2.644	----	----	----	----	2.644
1079	2.595	63.30	----	----	----	----	2.642	----	----	----	----	2.642
1080	2.593	63.30	----	----	----	----	2.640	----	----	----	----	2.640
1081	2.591	63.30	----	----	----	----	2.638	----	----	----	----	2.638
1082	2.588	63.30	----	----	----	----	2.636	----	----	----	----	2.636
1083	2.586	63.30	----	----	----	----	2.634	----	----	----	----	2.634
1084	2.584	63.30	----	----	----	----	2.632	----	----	----	----	2.632
1085	2.582	63.30	----	----	----	----	2.630	----	----	----	----	2.630
1086	2.580	63.30	----	----	----	----	2.628	----	----	----	----	2.628
1087	2.578	63.30	----	----	----	----	2.626	----	----	----	----	2.626
1088	2.576	63.30	----	----	----	----	2.624	----	----	----	----	2.624
1089	2.574	63.30	----	----	----	----	2.622	----	----	----	----	2.622
1090	2.571	63.30	----	----	----	----	2.619	----	----	----	----	2.619

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Hydrograph Discharge Table

Time (min)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
1091	2.569	63.30	----	----	----	----	2.617	----	----	----	----	2.617
1092	2.567	63.30	----	----	----	----	2.615	----	----	----	----	2.615
1093	2.565	63.30	----	----	----	----	2.613	----	----	----	----	2.613
1094	2.563	63.30	----	----	----	----	2.611	----	----	----	----	2.611
1095	2.561	63.30	----	----	----	----	2.609	----	----	----	----	2.609
1096	2.559	63.30	----	----	----	----	2.607	----	----	----	----	2.607
1097	2.556	63.30	----	----	----	----	2.605	----	----	----	----	2.605
1098	2.554	63.30	----	----	----	----	2.603	----	----	----	----	2.603
1099	2.552	63.30	----	----	----	----	2.601	----	----	----	----	2.601
1100	2.550	63.30	----	----	----	----	2.599	----	----	----	----	2.599
1101	2.548	63.30	----	----	----	----	2.597	----	----	----	----	2.597
1102	2.546	63.30	----	----	----	----	2.595	----	----	----	----	2.595
1103	2.543	63.30	----	----	----	----	2.592	----	----	----	----	2.592
1104	2.541	63.30	----	----	----	----	2.590	----	----	----	----	2.590
1105	2.539	63.30	----	----	----	----	2.588	----	----	----	----	2.588
1106	2.537	63.30	----	----	----	----	2.586	----	----	----	----	2.586
1107	2.535	63.30	----	----	----	----	2.584	----	----	----	----	2.584
1108	2.533	63.30	----	----	----	----	2.582	----	----	----	----	2.582
1109	2.531	63.30	----	----	----	----	2.580	----	----	----	----	2.580
1110	2.528	63.30	----	----	----	----	2.578	----	----	----	----	2.578
1111	2.526	63.30	----	----	----	----	2.576	----	----	----	----	2.576
1112	2.524	63.30	----	----	----	----	2.574	----	----	----	----	2.574
1113	2.522	63.30	----	----	----	----	2.571	----	----	----	----	2.571
1114	2.520	63.30	----	----	----	----	2.569	----	----	----	----	2.569
1115	2.518	63.30	----	----	----	----	2.567	----	----	----	----	2.567
1116	2.515	63.30	----	----	----	----	2.565	----	----	----	----	2.565
1117	2.513	63.30	----	----	----	----	2.563	----	----	----	----	2.563
1118	2.511	63.30	----	----	----	----	2.561	----	----	----	----	2.561
1119	2.509	63.30	----	----	----	----	2.559	----	----	----	----	2.559
1120	2.507	63.30	----	----	----	----	2.557	----	----	----	----	2.557
1121	2.505	63.30	----	----	----	----	2.554	----	----	----	----	2.554
1122	2.503	63.30	----	----	----	----	2.552	----	----	----	----	2.552
1123	2.500	63.30	----	----	----	----	2.550	----	----	----	----	2.550
1124	2.498	63.30	----	----	----	----	2.548	----	----	----	----	2.548
1125	2.496	63.30	----	----	----	----	2.546	----	----	----	----	2.546
1126	2.494	63.30	----	----	----	----	2.544	----	----	----	----	2.544
1127	2.492	63.30	----	----	----	----	2.542	----	----	----	----	2.542
1128	2.490	63.30	----	----	----	----	2.540	----	----	----	----	2.540
1129	2.487	63.30	----	----	----	----	2.537	----	----	----	----	2.537
1130	2.485	63.30	----	----	----	----	2.535	----	----	----	----	2.535
1131	2.483	63.30	----	----	----	----	2.533	----	----	----	----	2.533
1132	2.481	63.30	----	----	----	----	2.531	----	----	----	----	2.531
1133	2.479	63.30	----	----	----	----	2.529	----	----	----	----	2.529
1134	2.477	63.30	----	----	----	----	2.527	----	----	----	----	2.527
1135	2.474	63.30	----	----	----	----	2.525	----	----	----	----	2.525
1136	2.472	63.30	----	----	----	----	2.522	----	----	----	----	2.522
1137	2.470	63.30	----	----	----	----	2.520	----	----	----	----	2.520
1138	2.468	63.30	----	----	----	----	2.518	----	----	----	----	2.518
1139	2.466	63.30	----	----	----	----	2.516	----	----	----	----	2.516
1140	2.464	63.30	----	----	----	----	2.514	----	----	----	----	2.514
1141	2.461	63.30	----	----	----	----	2.512	----	----	----	----	2.512
1142	2.459	63.30	----	----	----	----	2.510	----	----	----	----	2.510
1143	2.457	63.30	----	----	----	----	2.507	----	----	----	----	2.507
1144	2.455	63.30	----	----	----	----	2.505	----	----	----	----	2.505
1145	2.453	63.30	----	----	----	----	2.503	----	----	----	----	2.503
1146	2.451	63.30	----	----	----	----	2.501	----	----	----	----	2.501

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Hydrograph Discharge Table

Time (min)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
1147	2.448	63.30	----	----	----	----	2.499	----	----	----	----	2.499
1148	2.446	63.30	----	----	----	----	2.497	----	----	----	----	2.497
1149	2.444	63.30	----	----	----	----	2.494	----	----	----	----	2.494
1150	2.442	63.30	----	----	----	----	2.492	----	----	----	----	2.492
1151	2.440	63.30	----	----	----	----	2.490	----	----	----	----	2.490
1152	2.437	63.30	----	----	----	----	2.488	----	----	----	----	2.488
1153	2.435	63.30	----	----	----	----	2.486	----	----	----	----	2.486
1154	2.433	63.30	----	----	----	----	2.484	----	----	----	----	2.484
1155	2.431	63.30	----	----	----	----	2.481	----	----	----	----	2.482
1156	2.429	63.30	----	----	----	----	2.479	----	----	----	----	2.479
1157	2.427	63.30	----	----	----	----	2.477	----	----	----	----	2.477
1158	2.424	63.30	----	----	----	----	2.475	----	----	----	----	2.475
1159	2.422	63.30	----	----	----	----	2.473	----	----	----	----	2.473
1160	2.420	63.30	----	----	----	----	2.471	----	----	----	----	2.471
1161	2.418	63.30	----	----	----	----	2.469	----	----	----	----	2.469
1162	2.416	63.30	----	----	----	----	2.466	----	----	----	----	2.466
1163	2.414	63.30	----	----	----	----	2.465	----	----	----	----	2.465
1164	2.411	63.30	----	----	----	----	2.464	----	----	----	----	2.464
1165	2.409	63.30	----	----	----	----	2.463	----	----	----	----	2.463
1166	2.407	63.30	----	----	----	----	2.462	----	----	----	----	2.462
1167	2.405	63.30	----	----	----	----	2.460	----	----	----	----	2.460
1168	2.403	63.30	----	----	----	----	2.459	----	----	----	----	2.459
1169	2.400	63.30	----	----	----	----	2.458	----	----	----	----	2.458
1170	2.398	63.30	----	----	----	----	2.456	----	----	----	----	2.456
1171	2.396	63.30	----	----	----	----	2.455	----	----	----	----	2.455
1172	2.394	63.30	----	----	----	----	2.454	----	----	----	----	2.454
1173	2.392	63.30	----	----	----	----	2.452	----	----	----	----	2.452
1174	2.389	63.30	----	----	----	----	2.451	----	----	----	----	2.451
1175	2.387	63.30	----	----	----	----	2.449	----	----	----	----	2.449
1176	2.385	63.30	----	----	----	----	2.448	----	----	----	----	2.448
1177	2.383	63.30	----	----	----	----	2.446	----	----	----	----	2.446
1178	2.381	63.30	----	----	----	----	2.445	----	----	----	----	2.445
1179	2.379	63.30	----	----	----	----	2.443	----	----	----	----	2.443
1180	2.376	63.30	----	----	----	----	2.442	----	----	----	----	2.442
1181	2.374	63.30	----	----	----	----	2.440	----	----	----	----	2.440
1182	2.372	63.30	----	----	----	----	2.439	----	----	----	----	2.439
1183	2.370	63.30	----	----	----	----	2.437	----	----	----	----	2.437
1184	2.368	63.30	----	----	----	----	2.436	----	----	----	----	2.436
1185	2.365	63.30	----	----	----	----	2.434	----	----	----	----	2.434
1186	2.363	63.30	----	----	----	----	2.432	----	----	----	----	2.432
1187	2.361	63.30	----	----	----	----	2.431	----	----	----	----	2.431
1188	2.359	63.30	----	----	----	----	2.429	----	----	----	----	2.429
1189	2.357	63.30	----	----	----	----	2.427	----	----	----	----	2.427
1190	2.354	63.30	----	----	----	----	2.426	----	----	----	----	2.426
1191	2.352	63.30	----	----	----	----	2.424	----	----	----	----	2.424
1192	2.350	63.30	----	----	----	----	2.422	----	----	----	----	2.422
1193	2.348	63.30	----	----	----	----	2.421	----	----	----	----	2.421
1194	2.346	63.30	----	----	----	----	2.419	----	----	----	----	2.419
1195	2.343	63.30	----	----	----	----	2.417	----	----	----	----	2.417
1196	2.341	63.30	----	----	----	----	2.416	----	----	----	----	2.416
1197	2.339	63.30	----	----	----	----	2.414	----	----	----	----	2.414
1198	2.337	63.30	----	----	----	----	2.412	----	----	----	----	2.412
1199	2.335	63.30	----	----	----	----	2.410	----	----	----	----	2.410
1200	2.332	63.30	----	----	----	----	2.409	----	----	----	----	2.409
1201	2.330	63.30	----	----	----	----	2.407	----	----	----	----	2.407
1202	2.328	63.30	----	----	----	----	2.405	----	----	----	----	2.405

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Hydrograph Discharge Table

Time (min)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
1203	2.326	63.30	----	----	----	----	2.403	----	----	----	----	2.403
1204	2.324	63.30	----	----	----	----	2.401	----	----	----	----	2.401
1205	2.321	63.30	----	----	----	----	2.400	----	----	----	----	2.400
1206	2.319	63.30	----	----	----	----	2.398	----	----	----	----	2.398
1207	2.317	63.30	----	----	----	----	2.396	----	----	----	----	2.396
1208	2.315	63.30	----	----	----	----	2.394	----	----	----	----	2.394
1209	2.313	63.30	----	----	----	----	2.392	----	----	----	----	2.392
1210	2.310	63.30	----	----	----	----	2.390	----	----	----	----	2.390
1211	2.308	63.30	----	----	----	----	2.388	----	----	----	----	2.388
1212	2.306	63.30	----	----	----	----	2.387	----	----	----	----	2.387
1213	2.304	63.30	----	----	----	----	2.385	----	----	----	----	2.385
1214	2.302	63.30	----	----	----	----	2.383	----	----	----	----	2.383
1215	2.299	63.30	----	----	----	----	2.381	----	----	----	----	2.381
1216	2.297	63.30	----	----	----	----	2.379	----	----	----	----	2.379
1217	2.295	63.30	----	----	----	----	2.377	----	----	----	----	2.377
1218	2.293	63.30	----	----	----	----	2.375	----	----	----	----	2.375
1219	2.291	63.30	----	----	----	----	2.373	----	----	----	----	2.373
1220	2.288	63.30	----	----	----	----	2.371	----	----	----	----	2.371
1221	2.286	63.30	----	----	----	----	2.369	----	----	----	----	2.369
1222	2.284	63.30	----	----	----	----	2.367	----	----	----	----	2.367
1223	2.282	63.30	----	----	----	----	2.365	----	----	----	----	2.365
1224	2.280	63.30	----	----	----	----	2.363	----	----	----	----	2.363
1225	2.277	63.30	----	----	----	----	2.362	----	----	----	----	2.361
1226	2.275	63.30	----	----	----	----	2.360	----	----	----	----	2.360
1227	2.273	63.30	----	----	----	----	2.358	----	----	----	----	2.358
1228	2.271	63.30	----	----	----	----	2.356	----	----	----	----	2.356
1229	2.269	63.30	----	----	----	----	2.354	----	----	----	----	2.354
1230	2.266	63.30	----	----	----	----	2.352	----	----	----	----	2.352
1231	2.264	63.30	----	----	----	----	2.350	----	----	----	----	2.350
1232	2.262	63.30	----	----	----	----	2.348	----	----	----	----	2.348
1233	2.260	63.30	----	----	----	----	2.346	----	----	----	----	2.346
1234	2.257	63.30	----	----	----	----	2.344	----	----	----	----	2.344
1235	2.255	63.29	----	----	----	----	2.342	----	----	----	----	2.342
1236	2.253	63.29	----	----	----	----	2.339	----	----	----	----	2.340
1237	2.251	63.29	----	----	----	----	2.338	----	----	----	----	2.338
1238	2.249	63.29	----	----	----	----	2.335	----	----	----	----	2.335
1239	2.246	63.29	----	----	----	----	2.333	----	----	----	----	2.333
1240	2.244	63.29	----	----	----	----	2.331	----	----	----	----	2.331
1241	2.242	63.29	----	----	----	----	2.329	----	----	----	----	2.329
1242	2.240	63.29	----	----	----	----	2.327	----	----	----	----	2.327
1243	2.238	63.29	----	----	----	----	2.325	----	----	----	----	2.325
1244	2.235	63.29	----	----	----	----	2.323	----	----	----	----	2.323
1245	2.233	63.29	----	----	----	----	2.321	----	----	----	----	2.321
1246	2.231	63.29	----	----	----	----	2.319	----	----	----	----	2.319
1247	2.229	63.29	----	----	----	----	2.317	----	----	----	----	2.317
1248	2.226	63.29	----	----	----	----	2.315	----	----	----	----	2.315
1249	2.224	63.29	----	----	----	----	2.313	----	----	----	----	2.313
1250	2.222	63.29	----	----	----	----	2.311	----	----	----	----	2.311
1251	2.220	63.29	----	----	----	----	2.309	----	----	----	----	2.309
1252	2.218	63.29	----	----	----	----	2.307	----	----	----	----	2.307
1253	2.215	63.29	----	----	----	----	2.305	----	----	----	----	2.305
1254	2.213	63.29	----	----	----	----	2.303	----	----	----	----	2.303
1255	2.211	63.29	----	----	----	----	2.300	----	----	----	----	2.300
1256	2.209	63.29	----	----	----	----	2.298	----	----	----	----	2.298
1257	2.206	63.29	----	----	----	----	2.296	----	----	----	----	2.296
1258	2.204	63.29	----	----	----	----	2.294	----	----	----	----	2.294

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Hydrograph Discharge Table

Time (min)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
1259	2.202	63.29	----	----	----	----	2.292	----	----	----	----	2.292
1260	2.200	63.29	----	----	----	----	2.290	----	----	----	----	2.290
1261	2.198	63.29	----	----	----	----	2.288	----	----	----	----	2.288
1262	2.195	63.29	----	----	----	----	2.286	----	----	----	----	2.286
1263	2.193	63.29	----	----	----	----	2.284	----	----	----	----	2.284
1264	2.191	63.29	----	----	----	----	2.281	----	----	----	----	2.281
1265	2.189	63.29	----	----	----	----	2.279	----	----	----	----	2.279
1266	2.186	63.29	----	----	----	----	2.277	----	----	----	----	2.277
1267	2.184	63.29	----	----	----	----	2.275	----	----	----	----	2.275
1268	2.182	63.29	----	----	----	----	2.273	----	----	----	----	2.273
1269	2.180	63.29	----	----	----	----	2.271	----	----	----	----	2.271
1270	2.178	63.29	----	----	----	----	2.269	----	----	----	----	2.269
1271	2.175	63.29	----	----	----	----	2.267	----	----	----	----	2.267
1272	2.173	63.29	----	----	----	----	2.264	----	----	----	----	2.264
1273	2.171	63.29	----	----	----	----	2.262	----	----	----	----	2.262
1274	2.169	63.29	----	----	----	----	2.260	----	----	----	----	2.260
1275	2.166	63.29	----	----	----	----	2.258	----	----	----	----	2.258
1276	2.164	63.29	----	----	----	----	2.256	----	----	----	----	2.256
1277	2.162	63.29	----	----	----	----	2.254	----	----	----	----	2.254
1278	2.160	63.29	----	----	----	----	2.252	----	----	----	----	2.252
1279	2.157	63.29	----	----	----	----	2.249	----	----	----	----	2.249
1280	2.155	63.29	----	----	----	----	2.247	----	----	----	----	2.247
1281	2.153	63.29	----	----	----	----	2.245	----	----	----	----	2.245
1282	2.151	63.29	----	----	----	----	2.243	----	----	----	----	2.243
1283	2.149	63.29	----	----	----	----	2.241	----	----	----	----	2.241
1284	2.146	63.29	----	----	----	----	2.239	----	----	----	----	2.239
1285	2.144	63.29	----	----	----	----	2.237	----	----	----	----	2.237
1286	2.142	63.29	----	----	----	----	2.234	----	----	----	----	2.234
1287	2.140	63.29	----	----	----	----	2.232	----	----	----	----	2.232
1288	2.137	63.29	----	----	----	----	2.230	----	----	----	----	2.230
1289	2.135	63.29	----	----	----	----	2.228	----	----	----	----	2.228
1290	2.133	63.29	----	----	----	----	2.226	----	----	----	----	2.226
1291	2.131	63.29	----	----	----	----	2.224	----	----	----	----	2.224
1292	2.128	63.29	----	----	----	----	2.221	----	----	----	----	2.221
1293	2.126	63.29	----	----	----	----	2.219	----	----	----	----	2.219
1294	2.124	63.29	----	----	----	----	2.217	----	----	----	----	2.217
1295	2.122	63.29	----	----	----	----	2.215	----	----	----	----	2.215
1296	2.120	63.29	----	----	----	----	2.213	----	----	----	----	2.213
1297	2.117	63.29	----	----	----	----	2.210	----	----	----	----	2.210
1298	2.115	63.29	----	----	----	----	2.208	----	----	----	----	2.208
1299	2.113	63.29	----	----	----	----	2.206	----	----	----	----	2.206
1300	2.111	63.29	----	----	----	----	2.204	----	----	----	----	2.204
1301	2.108	63.29	----	----	----	----	2.202	----	----	----	----	2.202
1302	2.106	63.29	----	----	----	----	2.200	----	----	----	----	2.200
1303	2.104	63.29	----	----	----	----	2.197	----	----	----	----	2.197
1304	2.102	63.29	----	----	----	----	2.195	----	----	----	----	2.195
1305	2.099	63.29	----	----	----	----	2.193	----	----	----	----	2.193
1306	2.097	63.29	----	----	----	----	2.191	----	----	----	----	2.191
1307	2.095	63.29	----	----	----	----	2.189	----	----	----	----	2.189
1308	2.093	63.29	----	----	----	----	2.186	----	----	----	----	2.186
1309	2.090	63.29	----	----	----	----	2.184	----	----	----	----	2.184
1310	2.088	63.29	----	----	----	----	2.182	----	----	----	----	2.182
1311	2.086	63.29	----	----	----	----	2.180	----	----	----	----	2.180
1312	2.084	63.29	----	----	----	----	2.178	----	----	----	----	2.178
1313	2.081	63.29	----	----	----	----	2.175	----	----	----	----	2.175
1314	2.079	63.29	----	----	----	----	2.173	----	----	----	----	2.173

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Hydrograph Discharge Table

Time (min)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
1315	2.077	63.29	----	----	----	----	2.171	----	----	----	----	2.171
1316	2.075	63.29	----	----	----	----	2.169	----	----	----	----	2.169
1317	2.072	63.29	----	----	----	----	2.167	----	----	----	----	2.167
1318	2.070	63.29	----	----	----	----	2.164	----	----	----	----	2.164
1319	2.068	63.29	----	----	----	----	2.162	----	----	----	----	2.162
1320	2.066	63.29	----	----	----	----	2.160	----	----	----	----	2.160
1321	2.063	63.29	----	----	----	----	2.158	----	----	----	----	2.158
1322	2.061	63.29	----	----	----	----	2.156	----	----	----	----	2.156
1323	2.059	63.29	----	----	----	----	2.153	----	----	----	----	2.153
1324	2.057	63.29	----	----	----	----	2.151	----	----	----	----	2.151
1325	2.055	63.29	----	----	----	----	2.149	----	----	----	----	2.149
1326	2.052	63.29	----	----	----	----	2.147	----	----	----	----	2.147
1327	2.050	63.29	----	----	----	----	2.145	----	----	----	----	2.145
1328	2.048	63.29	----	----	----	----	2.142	----	----	----	----	2.142
1329	2.046	63.29	----	----	----	----	2.140	----	----	----	----	2.140
1330	2.043	63.29	----	----	----	----	2.138	----	----	----	----	2.138
1331	2.041	63.29	----	----	----	----	2.136	----	----	----	----	2.136
1332	2.039	63.29	----	----	----	----	2.134	----	----	----	----	2.134
1333	2.037	63.29	----	----	----	----	2.131	----	----	----	----	2.131
1334	2.034	63.29	----	----	----	----	2.129	----	----	----	----	2.129
1335	2.032	63.29	----	----	----	----	2.127	----	----	----	----	2.127
1336	2.030	63.29	----	----	----	----	2.125	----	----	----	----	2.125
1337	2.028	63.29	----	----	----	----	2.122	----	----	----	----	2.122
1338	2.025	63.29	----	----	----	----	2.120	----	----	----	----	2.120
1339	2.023	63.29	----	----	----	----	2.118	----	----	----	----	2.118
1340	2.021	63.29	----	----	----	----	2.116	----	----	----	----	2.116
1341	2.019	63.29	----	----	----	----	2.114	----	----	----	----	2.114
1342	2.016	63.29	----	----	----	----	2.111	----	----	----	----	2.111
1343	2.014	63.29	----	----	----	----	2.109	----	----	----	----	2.109
1344	2.012	63.29	----	----	----	----	2.107	----	----	----	----	2.107
1345	2.010	63.29	----	----	----	----	2.105	----	----	----	----	2.105
1346	2.007	63.29	----	----	----	----	2.102	----	----	----	----	2.102
1347	2.005	63.29	----	----	----	----	2.100	----	----	----	----	2.100
1348	2.003	63.29	----	----	----	----	2.098	----	----	----	----	2.098
1349	2.001	63.28	----	----	----	----	2.096	----	----	----	----	2.096
1350	1.998	63.28	----	----	----	----	2.094	----	----	----	----	2.094
1351	1.996	63.28	----	----	----	----	2.091	----	----	----	----	2.091
1352	1.994	63.28	----	----	----	----	2.089	----	----	----	----	2.089
1353	1.992	63.28	----	----	----	----	2.087	----	----	----	----	2.087
1354	1.989	63.28	----	----	----	----	2.085	----	----	----	----	2.085
1355	1.987	63.28	----	----	----	----	2.082	----	----	----	----	2.082
1356	1.985	63.28	----	----	----	----	2.080	----	----	----	----	2.080
1357	1.982	63.28	----	----	----	----	2.078	----	----	----	----	2.078
1358	1.980	63.28	----	----	----	----	2.076	----	----	----	----	2.076
1359	1.978	63.28	----	----	----	----	2.073	----	----	----	----	2.073
1360	1.976	63.28	----	----	----	----	2.071	----	----	----	----	2.071
1361	1.973	63.28	----	----	----	----	2.069	----	----	----	----	2.069
1362	1.971	63.28	----	----	----	----	2.067	----	----	----	----	2.067
1363	1.969	63.28	----	----	----	----	2.065	----	----	----	----	2.065
1364	1.967	63.28	----	----	----	----	2.062	----	----	----	----	2.062
1365	1.964	63.28	----	----	----	----	2.060	----	----	----	----	2.060
1366	1.962	63.28	----	----	----	----	2.058	----	----	----	----	2.058
1367	1.960	63.28	----	----	----	----	2.056	----	----	----	----	2.056
1368	1.958	63.28	----	----	----	----	2.053	----	----	----	----	2.053
1369	1.955	63.28	----	----	----	----	2.051	----	----	----	----	2.051
1370	1.953	63.28	----	----	----	----	2.049	----	----	----	----	2.049

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Hydrograph Discharge Table

Time (min)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
1371	1.951	63.28	----	----	----	----	2.047	----	----	----	----	2.047
1372	1.949	63.28	----	----	----	----	2.044	----	----	----	----	2.044
1373	1.946	63.28	----	----	----	----	2.042	----	----	----	----	2.042
1374	1.944	63.28	----	----	----	----	2.040	----	----	----	----	2.040
1375	1.942	63.28	----	----	----	----	2.038	----	----	----	----	2.038
1376	1.940	63.28	----	----	----	----	2.035	----	----	----	----	2.035
1377	1.937	63.28	----	----	----	----	2.033	----	----	----	----	2.033
1378	1.935	63.28	----	----	----	----	2.031	----	----	----	----	2.031
1379	1.933	63.28	----	----	----	----	2.029	----	----	----	----	2.029
1380	1.931	63.28	----	----	----	----	2.026	----	----	----	----	2.026
1381	1.928	63.28	----	----	----	----	2.024	----	----	----	----	2.024
1382	1.926	63.28	----	----	----	----	2.022	----	----	----	----	2.022
1383	1.924	63.28	----	----	----	----	2.020	----	----	----	----	2.020
1384	1.921	63.28	----	----	----	----	2.018	----	----	----	----	2.018
1385	1.919	63.28	----	----	----	----	2.015	----	----	----	----	2.015
1386	1.917	63.28	----	----	----	----	2.013	----	----	----	----	2.013
1387	1.915	63.28	----	----	----	----	2.011	----	----	----	----	2.011
1388	1.912	63.28	----	----	----	----	2.009	----	----	----	----	2.009
1389	1.910	63.28	----	----	----	----	2.006	----	----	----	----	2.006
1390	1.908	63.28	----	----	----	----	2.004	----	----	----	----	2.004
1391	1.906	63.28	----	----	----	----	2.002	----	----	----	----	2.002
1392	1.903	63.28	----	----	----	----	2.000	----	----	----	----	2.000
1393	1.901	63.28	----	----	----	----	1.997	----	----	----	----	1.997
1394	1.899	63.28	----	----	----	----	1.995	----	----	----	----	1.995
1395	1.897	63.28	----	----	----	----	1.993	----	----	----	----	1.993
1396	1.894	63.28	----	----	----	----	1.991	----	----	----	----	1.991
1397	1.892	63.28	----	----	----	----	1.988	----	----	----	----	1.988
1398	1.890	63.28	----	----	----	----	1.986	----	----	----	----	1.986
1399	1.888	63.28	----	----	----	----	1.984	----	----	----	----	1.984
1400	1.885	63.28	----	----	----	----	1.982	----	----	----	----	1.982
1401	1.883	63.28	----	----	----	----	1.979	----	----	----	----	1.979
1402	1.881	63.28	----	----	----	----	1.977	----	----	----	----	1.977
1403	1.878	63.28	----	----	----	----	1.975	----	----	----	----	1.975
1404	1.876	63.28	----	----	----	----	1.973	----	----	----	----	1.973
1405	1.874	63.28	----	----	----	----	1.970	----	----	----	----	1.970
1406	1.872	63.28	----	----	----	----	1.968	----	----	----	----	1.968
1407	1.869	63.28	----	----	----	----	1.966	----	----	----	----	1.966
1408	1.867	63.28	----	----	----	----	1.964	----	----	----	----	1.964
1409	1.865	63.28	----	----	----	----	1.961	----	----	----	----	1.961
1410	1.863	63.28	----	----	----	----	1.959	----	----	----	----	1.959
1411	1.860	63.28	----	----	----	----	1.957	----	----	----	----	1.957
1412	1.858	63.28	----	----	----	----	1.954	----	----	----	----	1.955
1413	1.856	63.28	----	----	----	----	1.952	----	----	----	----	1.952
1414	1.853	63.28	----	----	----	----	1.950	----	----	----	----	1.950
1415	1.851	63.28	----	----	----	----	1.948	----	----	----	----	1.948
1416	1.849	63.28	----	----	----	----	1.945	----	----	----	----	1.945
1417	1.847	63.28	----	----	----	----	1.943	----	----	----	----	1.943
1418	1.844	63.28	----	----	----	----	1.941	----	----	----	----	1.941
1419	1.842	63.28	----	----	----	----	1.939	----	----	----	----	1.939
1420	1.840	63.28	----	----	----	----	1.937	----	----	----	----	1.936
1421	1.838	63.28	----	----	----	----	1.934	----	----	----	----	1.934
1422	1.835	63.28	----	----	----	----	1.932	----	----	----	----	1.932
1423	1.833	63.28	----	----	----	----	1.930	----	----	----	----	1.930
1424	1.831	63.28	----	----	----	----	1.927	----	----	----	----	1.927
1425	1.828	63.28	----	----	----	----	1.925	----	----	----	----	1.925
1426	1.826	63.28	----	----	----	----	1.923	----	----	----	----	1.923

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Hydrograph Discharge Table

Time (min)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
1427	1.824	63.28	----	----	----	----	1.921	----	----	----	----	1.921
1428	1.822	63.28	----	----	----	----	1.918	----	----	----	----	1.918
1429	1.819	63.28	----	----	----	----	1.916	----	----	----	----	1.916
1430	1.817	63.28	----	----	----	----	1.914	----	----	----	----	1.914
1431	1.815	63.28	----	----	----	----	1.912	----	----	----	----	1.912
1432	1.813	63.28	----	----	----	----	1.909	----	----	----	----	1.909
1433	1.810	63.28	----	----	----	----	1.907	----	----	----	----	1.907
1434	1.808	63.28	----	----	----	----	1.905	----	----	----	----	1.905
1435	1.806	63.28	----	----	----	----	1.903	----	----	----	----	1.903
1436	1.803	63.28	----	----	----	----	1.900	----	----	----	----	1.900
1437	1.801	63.28	----	----	----	----	1.898	----	----	----	----	1.898
1438	1.799	63.28	----	----	----	----	1.896	----	----	----	----	1.896
1439	1.797	63.28	----	----	----	----	1.894	----	----	----	----	1.894
1440	1.794	63.28	----	----	----	----	1.891	----	----	----	----	1.891
1441	1.790	63.28	----	----	----	----	1.889	----	----	----	----	1.889
1442	1.783	63.28	----	----	----	----	1.887	----	----	----	----	1.887
1443	1.773	63.28	----	----	----	----	1.884	----	----	----	----	1.884
1444	1.761	63.28	----	----	----	----	1.881	----	----	----	----	1.881
1445	1.747	63.28	----	----	----	----	1.878	----	----	----	----	1.878
1446	1.730	63.28	----	----	----	----	1.875	----	----	----	----	1.875
1447	1.711	63.28	----	----	----	----	1.872	----	----	----	----	1.872
1448	1.689	63.28	----	----	----	----	1.868	----	----	----	----	1.868
1449	1.665	63.28	----	----	----	----	1.863	----	----	----	----	1.863
1450	1.639	63.28	----	----	----	----	1.858	----	----	----	----	1.858
1451	1.610	63.28	----	----	----	----	1.853	----	----	----	----	1.853
1452	1.579	63.27	----	----	----	----	1.847	----	----	----	----	1.847
1453	1.546	63.27	----	----	----	----	1.840	----	----	----	----	1.840
1454	1.510	63.27	----	----	----	----	1.833	----	----	----	----	1.833
1455	1.472	63.27	----	----	----	----	1.825	----	----	----	----	1.825
1456	1.431	63.27	----	----	----	----	1.817	----	----	----	----	1.817
1457	1.388	63.27	----	----	----	----	1.807	----	----	----	----	1.807
1458	1.343	63.27	----	----	----	----	1.797	----	----	----	----	1.797
1459	1.295	63.27	----	----	----	----	1.786	----	----	----	----	1.786
1460	1.245	63.27	----	----	----	----	1.774	----	----	----	----	1.774
1461	1.193	63.27	----	----	----	----	1.761	----	----	----	----	1.761
1462	1.142	63.27	----	----	----	----	1.748	----	----	----	----	1.748
1463	1.091	63.27	----	----	----	----	1.733	----	----	----	----	1.733
1464	1.042	63.27	----	----	----	----	1.718	----	----	----	----	1.718
1465	0.995	63.27	----	----	----	----	1.701	----	----	----	----	1.701
1466	0.948	63.27	----	----	----	----	1.685	----	----	----	----	1.685
1467	0.902	63.27	----	----	----	----	1.667	----	----	----	----	1.667
1468	0.858	63.27	----	----	----	----	1.649	----	----	----	----	1.649
1469	0.815	63.27	----	----	----	----	1.630	----	----	----	----	1.630
1470	0.773	63.27	----	----	----	----	1.611	----	----	----	----	1.611
1471	0.732	63.26	----	----	----	----	1.591	----	----	----	----	1.591
1472	0.692	63.26	----	----	----	----	1.571	----	----	----	----	1.571
1473	0.653	63.26	----	----	----	----	1.550	----	----	----	----	1.550
1474	0.616	63.26	----	----	----	----	1.529	----	----	----	----	1.529
1475	0.579	63.26	----	----	----	----	1.507	----	----	----	----	1.507
1476	0.544	63.26	----	----	----	----	1.485	----	----	----	----	1.485
1477	0.510	63.26	----	----	----	----	1.463	----	----	----	----	1.463
1478	0.476	63.26	----	----	----	----	1.441	----	----	----	----	1.441
1479	0.445	63.26	----	----	----	----	1.418	----	----	----	----	1.418
1480	0.414	63.26	----	----	----	----	1.395	----	----	----	----	1.395
1481	0.384	63.26	----	----	----	----	1.372	----	----	----	----	1.372
1482	0.355	63.25	----	----	----	----	1.349	----	----	----	----	1.349

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Hydrograph Discharge Table

Time (min)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
1483	0.328	63.25	----	----	----	----	1.326	----	----	----	----	1.326
1484	0.302	63.25	----	----	----	----	1.302	----	----	----	----	1.302
1485	0.276	63.25	----	----	----	----	1.279	----	----	----	----	1.279
1486	0.252	63.25	----	----	----	----	1.256	----	----	----	----	1.256
1487	0.229	63.25	----	----	----	----	1.232	----	----	----	----	1.232
1488	0.207	63.25	----	----	----	----	1.209	----	----	----	----	1.209
1489	0.186	63.25	----	----	----	----	1.185	----	----	----	----	1.185
1490	0.167	63.25	----	----	----	----	1.162	----	----	----	----	1.162
1491	0.148	63.25	----	----	----	----	1.139	----	----	----	----	1.139
1492	0.131	63.25	----	----	----	----	1.116	----	----	----	----	1.116
1493	0.114	63.24	----	----	----	----	1.093	----	----	----	----	1.093
1494	0.099	63.24	----	----	----	----	1.070	----	----	----	----	1.070
1495	0.085	63.24	----	----	----	----	1.047	----	----	----	----	1.047
1496	0.072	63.24	----	----	----	----	1.025	----	----	----	----	1.025
1497	0.060	63.24	----	----	----	----	1.003	----	----	----	----	1.003
1498	0.049	63.24	----	----	----	----	0.981	----	----	----	----	0.981
1499	0.039	63.24	----	----	----	----	0.959	----	----	----	----	0.959
1500	0.030	63.24	----	----	----	----	0.938	----	----	----	----	0.938
1501	0.023	63.24	----	----	----	----	0.917	----	----	----	----	0.917
1502	0.016	63.24	----	----	----	----	0.896	----	----	----	----	0.896
1503	0.011	63.24	----	----	----	----	0.876	----	----	----	----	0.876
1504	0.006	63.23	----	----	----	----	0.856	----	----	----	----	0.856
1505	0.003	63.23	----	----	----	----	0.836	----	----	----	----	0.836
1506	0.001	63.23	----	----	----	----	0.817	----	----	----	----	0.817
1507	0.000	63.23	----	----	----	----	0.798	----	----	----	----	0.798
1508	0.000	63.23	----	----	----	----	0.779	----	----	----	----	0.780
1509	0.000	63.23	----	----	----	----	0.761	----	----	----	----	0.761
1510	0.000	63.23	----	----	----	----	0.744	----	----	----	----	0.744
1511	0.000	63.23	----	----	----	----	0.727	----	----	----	----	0.727
1512	0.000	63.23	----	----	----	----	0.710	----	----	----	----	0.710
1513	0.000	63.23	----	----	----	----	0.694	----	----	----	----	0.694
1514	0.000	63.23	----	----	----	----	0.677	----	----	----	----	0.677
1515	0.000	63.23	----	----	----	----	0.662	----	----	----	----	0.662
1516	0.000	63.23	----	----	----	----	0.647	----	----	----	----	0.647
1517	0.000	63.23	----	----	----	----	0.632	----	----	----	----	0.632
1518	0.000	63.23	----	----	----	----	0.617	----	----	----	----	0.617
1519	0.000	63.22	----	----	----	----	0.603	----	----	----	----	0.603
1520	0.000	63.22	----	----	----	----	0.589	----	----	----	----	0.589
1521	0.000	63.22	----	----	----	----	0.575	----	----	----	----	0.575
1522	0.000	63.22	----	----	----	----	0.562	----	----	----	----	0.562
1523	0.000	63.22	----	----	----	----	0.549	----	----	----	----	0.549
1524	0.000	63.22	----	----	----	----	0.536	----	----	----	----	0.536
1525	0.000	63.22	----	----	----	----	0.524	----	----	----	----	0.524
1526	0.000	63.22	----	----	----	----	0.512	----	----	----	----	0.512
1527	0.000	63.22	----	----	----	----	0.500	----	----	----	----	0.500
1528	0.000	63.22	----	----	----	----	0.488	----	----	----	----	0.488
1529	0.000	63.22	----	----	----	----	0.477	----	----	----	----	0.477
1530	0.000	63.22	----	----	----	----	0.466	----	----	----	----	0.466
1531	0.000	63.22	----	----	----	----	0.455	----	----	----	----	0.455
1532	0.000	63.22	----	----	----	----	0.445	----	----	----	----	0.445
1533	0.000	63.22	----	----	----	----	0.435	----	----	----	----	0.435
1534	0.000	63.22	----	----	----	----	0.425	----	----	----	----	0.425
1535	0.000	63.22	----	----	----	----	0.415	----	----	----	----	0.415
1536	0.000	63.22	----	----	----	----	0.405	----	----	----	----	0.405
1537	0.000	63.22	----	----	----	----	0.396	----	----	----	----	0.396
1538	0.000	63.22	----	----	----	----	0.387	----	----	----	----	0.387

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Hydrograph Discharge Table

Time (min)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
1539	0.000	63.22	----	----	----	----	0.378	----	----	----	----	0.378
1540	0.000	63.21	----	----	----	----	0.369	----	----	----	----	0.369
1541	0.000	63.21	----	----	----	----	0.360	----	----	----	----	0.360
1542	0.000	63.21	----	----	----	----	0.352	----	----	----	----	0.352
1543	0.000	63.21	----	----	----	----	0.344	----	----	----	----	0.344
1544	0.000	63.21	----	----	----	----	0.336	----	----	----	----	0.336
1545	0.000	63.21	----	----	----	----	0.328	----	----	----	----	0.328
1546	0.000	63.21	----	----	----	----	0.321	----	----	----	----	0.321
1547	0.000	63.21	----	----	----	----	0.313	----	----	----	----	0.313
1548	0.000	63.21	----	----	----	----	0.306	----	----	----	----	0.306
1549	0.000	63.21	----	----	----	----	0.299	----	----	----	----	0.299
1550	0.000	63.21	----	----	----	----	0.292	----	----	----	----	0.292
1551	0.000	63.21	----	----	----	----	0.285	----	----	----	----	0.285
1552	0.000	63.21	----	----	----	----	0.279	----	----	----	----	0.279
1553	0.000	63.21	----	----	----	----	0.272	----	----	----	----	0.272
1554	0.000	63.21	----	----	----	----	0.266	----	----	----	----	0.266
1555	0.000	63.21	----	----	----	----	0.260	----	----	----	----	0.260
1556	0.000	63.21	----	----	----	----	0.254	----	----	----	----	0.254
1557	0.000	63.21	----	----	----	----	0.248	----	----	----	----	0.248
1558	0.000	63.21	----	----	----	----	0.242	----	----	----	----	0.242
1559	0.000	63.21	----	----	----	----	0.237	----	----	----	----	0.237
1560	0.000	63.21	----	----	----	----	0.231	----	----	----	----	0.231
1561	0.000	63.21	----	----	----	----	0.226	----	----	----	----	0.226
1562	0.000	63.21	----	----	----	----	0.221	----	----	----	----	0.221
1563	0.000	63.21	----	----	----	----	0.216	----	----	----	----	0.216
1564	0.000	63.21	----	----	----	----	0.211	----	----	----	----	0.211
1565	0.000	63.21	----	----	----	----	0.206	----	----	----	----	0.206
1566	0.000	63.21	----	----	----	----	0.201	----	----	----	----	0.201
1567	0.000	63.21	----	----	----	----	0.196	----	----	----	----	0.196
1568	0.000	63.21	----	----	----	----	0.192	----	----	----	----	0.192
1569	0.000	63.21	----	----	----	----	0.187	----	----	----	----	0.187
1570	0.000	63.21	----	----	----	----	0.183	----	----	----	----	0.183
1571	0.000	63.21	----	----	----	----	0.179	----	----	----	----	0.179
1572	0.000	63.21	----	----	----	----	0.175	----	----	----	----	0.175
1573	0.000	63.21	----	----	----	----	0.171	----	----	----	----	0.171
1574	0.000	63.21	----	----	----	----	0.167	----	----	----	----	0.167
1575	0.000	63.21	----	----	----	----	0.163	----	----	----	----	0.163
1576	0.000	63.21	----	----	----	----	0.159	----	----	----	----	0.159
1577	0.000	63.21	----	----	----	----	0.155	----	----	----	----	0.155
1578	0.000	63.21	----	----	----	----	0.152	----	----	----	----	0.152
1579	0.000	63.21	----	----	----	----	0.148	----	----	----	----	0.148
1580	0.000	63.21	----	----	----	----	0.145	----	----	----	----	0.145
1581	0.000	63.21	----	----	----	----	0.142	----	----	----	----	0.142
1582	0.000	63.21	----	----	----	----	0.138	----	----	----	----	0.138
1583	0.000	63.21	----	----	----	----	0.135	----	----	----	----	0.135
1584	0.000	63.21	----	----	----	----	0.132	----	----	----	----	0.132
1585	0.000	63.21	----	----	----	----	0.129	----	----	----	----	0.129
1586	0.000	63.21	----	----	----	----	0.126	----	----	----	----	0.126
1587	0.000	63.20	----	----	----	----	0.123	----	----	----	----	0.123
1588	0.000	63.20	----	----	----	----	0.120	----	----	----	----	0.120
1589	0.000	63.20	----	----	----	----	0.117	----	----	----	----	0.117
1590	0.000	63.20	----	----	----	----	0.115	----	----	----	----	0.115
1591	0.000	63.20	----	----	----	----	0.112	----	----	----	----	0.112
1592	0.000	63.20	----	----	----	----	0.109	----	----	----	----	0.109
1593	0.000	63.20	----	----	----	----	0.107	----	----	----	----	0.107
1594	0.000	63.20	----	----	----	----	0.104	----	----	----	----	0.104

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Hydrograph Discharge Table

Time (min)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
1595	0.000	63.20	----	----	----	----	0.102	----	----	----	----	0.102
1596	0.000	63.20	----	----	----	----	0.100	----	----	----	----	0.100
1597	0.000	63.20	----	----	----	----	0.097	----	----	----	----	0.097
1598	0.000	63.20	----	----	----	----	0.095	----	----	----	----	0.095
1599	0.000	63.20	----	----	----	----	0.093	----	----	----	----	0.093
1600	0.000	63.20	----	----	----	----	0.091	----	----	----	----	0.091
1601	0.000	63.20	----	----	----	----	0.089	----	----	----	----	0.089
1602	0.000	63.20	----	----	----	----	0.087	----	----	----	----	0.087
1603	0.000	63.20	----	----	----	----	0.085	----	----	----	----	0.085
1604	0.000	63.20	----	----	----	----	0.083	----	----	----	----	0.083
1605	0.000	63.20	----	----	----	----	0.081	----	----	----	----	0.081
1606	0.000	63.20	----	----	----	----	0.079	----	----	----	----	0.079
1607	0.000	63.20	----	----	----	----	0.077	----	----	----	----	0.077
1608	0.000	63.20	----	----	----	----	0.075	----	----	----	----	0.075
1609	0.000	63.20	----	----	----	----	0.073	----	----	----	----	0.074
1610	0.000	63.20	----	----	----	----	0.072	----	----	----	----	0.072
1611	0.000	63.20	----	----	----	----	0.070	----	----	----	----	0.070
1612	0.000	63.20	----	----	----	----	0.069	----	----	----	----	0.069
1613	0.000	63.20	----	----	----	----	0.067	----	----	----	----	0.067
1614	0.000	63.20	----	----	----	----	0.065	----	----	----	----	0.065
1615	0.000	63.20	----	----	----	----	0.064	----	----	----	----	0.064
1616	0.000	63.20	----	----	----	----	0.062	----	----	----	----	0.062
1617	0.000	63.20	----	----	----	----	0.061	----	----	----	----	0.061
1618	0.000	63.20	----	----	----	----	0.060	----	----	----	----	0.060
1619	0.000	63.20	----	----	----	----	0.058	----	----	----	----	0.058
1620	0.000	63.20	----	----	----	----	0.057	----	----	----	----	0.057
1621	0.000	63.20	----	----	----	----	0.056	----	----	----	----	0.056
1622	0.000	63.20	----	----	----	----	0.054	----	----	----	----	0.054
1623	0.000	63.20	----	----	----	----	0.053	----	----	----	----	0.053
1624	0.000	63.20	----	----	----	----	0.052	----	----	----	----	0.052
1625	0.000	63.20	----	----	----	----	0.051	----	----	----	----	0.051
1626	0.000	63.20	----	----	----	----	0.049	----	----	----	----	0.049
1627	0.000	63.20	----	----	----	----	0.048	----	----	----	----	0.048
1628	0.000	63.20	----	----	----	----	0.047	----	----	----	----	0.047
1629	0.000	63.20	----	----	----	----	0.046	----	----	----	----	0.046
1630	0.000	63.20	----	----	----	----	0.045	----	----	----	----	0.045
1631	0.000	63.20	----	----	----	----	0.044	----	----	----	----	0.044
1632	0.000	63.20	----	----	----	----	0.043	----	----	----	----	0.043
1633	0.000	63.20	----	----	----	----	0.042	----	----	----	----	0.042
1634	0.000	63.20	----	----	----	----	0.041	----	----	----	----	0.041
1635	0.000	63.20	----	----	----	----	0.040	----	----	----	----	0.040
1636	0.000	63.20	----	----	----	----	0.039	----	----	----	----	0.039
1637	0.000	63.20	----	----	----	----	0.038	----	----	----	----	0.038
1638	0.000	63.20	----	----	----	----	0.037	----	----	----	----	0.037
1639	0.000	63.20	----	----	----	----	0.037	----	----	----	----	0.036
1640	0.000	63.20	----	----	----	----	0.036	----	----	----	----	0.036
1641	0.000	63.20	----	----	----	----	0.035	----	----	----	----	0.035
1642	0.000	63.20	----	----	----	----	0.034	----	----	----	----	0.034
1643	0.000	63.20	----	----	----	----	0.033	----	----	----	----	0.033
1644	0.000	63.20	----	----	----	----	0.032	----	----	----	----	0.032
1645	0.000	63.20	----	----	----	----	0.032	----	----	----	----	0.032
1646	0.000	63.20	----	----	----	----	0.031	----	----	----	----	0.031
1647	0.000	63.20	----	----	----	----	0.030	----	----	----	----	0.030
1648	0.000	63.20	----	----	----	----	0.030	----	----	----	----	0.030
1649	0.000	63.20	----	----	----	----	0.029	----	----	----	----	0.029
1650	0.000	63.20	----	----	----	----	0.028	----	----	----	----	0.028

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Hydrograph Discharge Table

Time (min)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
1651	0.000	63.20	-----	-----	-----	-----	0.028	-----	-----	-----	-----	0.028

...End

Hydrograph Report

Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2009 by Autodesk, Inc. v6.066

Thursday, Jul 2, 2009

Hyd. No. 1

Developed site storm event

Hydrograph type	=	SCS Runoff	Peak discharge	=	23.03 cfs
Storm frequency	=	100 yrs	Time to peak	=	495 min
Time interval	=	1 min	Hyd. volume	=	397,003 cuft
Drainage area	=	25.500 ac	Curve number	=	91
Basin Slope	=	0.0 %	Hydraulic length	=	0 ft
Tc method	=	TR55	Time of conc. (Tc)	=	34.0 min
Total precip.	=	5.30 in	Distribution	=	Type IA
Storm duration	=	24 hrs	Shape factor	=	400

Hydrograph Discharge Table

(Printed values >= 1.00% of Qp.)

Time -- Outflow (min cfs)	Time -- Outflow (min cfs)	Time -- Outflow (min cfs)	Time -- Outflow (min cfs)
133 0.243	172 0.955	211 1.536	250 2.213
134 0.258	173 0.972	212 1.549	251 2.232
135 0.274	174 0.990	213 1.564	252 2.250
136 0.290	175 1.007	214 1.578	253 2.268
137 0.306	176 1.024	215 1.592	254 2.286
138 0.323	177 1.041	216 1.607	255 2.304
139 0.340	178 1.057	217 1.622	256 2.322
140 0.358	179 1.074	218 1.637	257 2.340
141 0.375	180 1.090	219 1.653	258 2.357
142 0.393	181 1.107	220 1.668	259 2.375
143 0.411	182 1.123	221 1.684	260 2.392
144 0.429	183 1.139	222 1.700	261 2.409
145 0.448	184 1.155	223 1.717	262 2.427
146 0.467	185 1.170	224 1.733	263 2.444
147 0.485	186 1.186	225 1.750	264 2.461
148 0.504	187 1.201	226 1.767	265 2.478
149 0.523	188 1.216	227 1.784	266 2.495
150 0.543	189 1.231	228 1.802	267 2.512
151 0.562	190 1.246	229 1.820	268 2.529
152 0.581	191 1.260	230 1.838	269 2.547
153 0.600	192 1.275	231 1.856	270 2.564
154 0.620	193 1.289	232 1.874	271 2.581
155 0.639	194 1.304	233 1.893	272 2.598
156 0.659	195 1.318	234 1.912	273 2.616
157 0.678	196 1.332	235 1.930	274 2.633
158 0.697	197 1.345	236 1.949	275 2.650
159 0.716	198 1.359	237 1.968	276 2.668
160 0.736	199 1.373	238 1.987	277 2.685
161 0.755	200 1.386	239 2.006	278 2.703
162 0.774	201 1.400	240 2.025	279 2.720
163 0.792	202 1.413	241 2.044	280 2.738
164 0.811	203 1.427	242 2.063	281 2.756
165 0.830	204 1.440	243 2.082	282 2.774
166 0.848	205 1.454	244 2.101	283 2.792
167 0.866	206 1.467	245 2.120	284 2.810
168 0.884	207 1.481	246 2.139	285 2.829
169 0.902	208 1.494	247 2.158	286 2.847
170 0.920	209 1.508	248 2.176	287 2.866
171 0.938	210 1.522	249 2.195	288 2.885

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Hydrograph Discharge Table

Time -- Outflow (min cfs)	Time -- Outflow (min cfs)	Time -- Outflow (min cfs)	Time -- Outflow (min cfs)
289	2.904	345	4.277
290	2.923	346	4.302
291	2.943	347	4.326
292	2.962	348	4.349
293	2.982	349	4.373
294	3.002	350	4.397
295	3.022	351	4.420
296	3.043	352	4.444
297	3.064	353	4.468
298	3.084	354	4.492
299	3.105	355	4.516
300	3.127	356	4.541
301	3.148	357	4.565
302	3.170	358	4.590
303	3.193	359	4.616
304	3.215	360	4.642
305	3.238	361	4.668
306	3.261	362	4.694
307	3.285	363	4.722
308	3.309	364	4.750
309	3.333	365	4.779
310	3.357	366	4.809
311	3.382	367	4.840
312	3.407	368	4.871
313	3.432	369	4.904
314	3.458	370	4.937
315	3.484	371	4.971
316	3.510	372	5.005
317	3.536	373	5.041
318	3.562	374	5.077
319	3.589	375	5.114
320	3.616	376	5.152
321	3.643	377	5.190
322	3.671	378	5.230
323	3.698	379	5.269
324	3.725	380	5.310
325	3.753	381	5.351
326	3.780	382	5.392
327	3.808	383	5.434
328	3.835	384	5.475
329	3.863	385	5.516
330	3.890	386	5.557
331	3.917	387	5.598
332	3.945	388	5.638
333	3.971	389	5.679
334	3.998	390	5.718
335	4.025	391	5.758
336	4.051	392	5.796
337	4.077	393	5.832
338	4.103	394	5.868
339	4.128	395	5.902
340	4.154	396	5.935
341	4.179	397	5.966
342	4.204	398	5.996
343	4.229	399	6.025
344	4.253	400	6.053
		401	6.079
		402	6.104
		403	6.127
		404	6.149
		405	6.170
		406	6.190
		407	6.208
		408	6.226
		409	6.242
		410	6.258
		411	6.273
		412	6.287
		413	6.302
		414	6.318
		415	6.334
		416	6.351
		417	6.368
		418	6.387
		419	6.407
		420	6.427
		421	6.449
		422	6.472
		423	6.497
		424	6.522
		425	6.550
		426	6.578
		427	6.609
		428	6.641
		429	6.675
		430	6.711
		431	6.750
		432	6.790
		433	6.833
		434	6.878
		435	6.926
		436	6.976
		437	7.028
		438	7.083
		439	7.141
		440	7.201
		441	7.265
		442	7.331
		443	7.400
		444	7.472
		445	7.547
		446	7.625
		447	7.705
		448	7.790
		449	7.877
		450	7.967
		451	8.076
		452	8.206
		453	8.355
		454	8.526
		455	8.718
		456	8.932
		457	9.168
		458	9.426
		459	9.707
		460	10.01
		461	10.34
		462	10.69
		463	11.06
		464	11.45
		465	11.87
		466	12.31
		467	12.77
		468	13.25
		469	13.76
		470	14.28
		471	14.83
		472	15.37
		473	15.91
		474	16.45
		475	16.97
		476	17.49
		477	18.00
		478	18.50
		479	18.98
		480	19.46
		481	19.90
		482	20.33
		483	20.72
		484	21.08
		485	21.42
		486	21.73
		487	22.00
		488	22.24
		489	22.45
		490	22.63
		491	22.78
		492	22.89
		493	22.97
		494	23.01
		495	23.03 <<
		496	23.00
		497	22.95
		498	22.86
		499	22.74
		500	22.59
		501	22.40
		502	22.20
		503	21.98
		504	21.75
		505	21.50
		506	21.25
		507	20.97
		508	20.69
		509	20.39
		510	20.09
		511	19.78
		512	19.46

Continues on next page...

Hydrograph Discharge Table

Time -- Outflow (min cfs)	Time -- Outflow (min cfs)	Time -- Outflow (min cfs)	Time -- Outflow (min cfs)
513	19.13	569	8.680
514	18.80	570	8.608
515	18.47	571	8.534
516	18.13	572	8.462
517	17.78	573	8.391
518	17.43	574	8.320
519	17.09	575	8.251
520	16.75	576	8.184
521	16.42	577	8.117
522	16.09	578	8.051
523	15.77	579	7.988
524	15.46	580	7.928
525	15.16	581	7.869
526	14.87	582	7.813
527	14.58	583	7.759
528	14.31	584	7.707
529	14.04	585	7.656
530	13.78	586	7.608
531	13.54	587	7.562
532	13.30	588	7.517
533	13.07	589	7.475
534	12.84	590	7.434
535	12.62	591	7.395
536	12.41	592	7.361
537	12.21	593	7.329
538	12.02	594	7.298
539	11.84	595	7.268
540	11.66	596	7.238
541	11.49	597	7.210
542	11.33	598	7.182
543	11.18	599	7.155
544	11.03	600	7.129
545	10.90	601	7.107
546	10.77	602	7.085
547	10.65	603	7.064
548	10.54	604	7.043
549	10.43	605	7.023
550	10.32	606	7.003
551	10.22	607	6.983
552	10.11	608	6.964
553	10.01	609	6.943
554	9.918	610	6.924
555	9.823	611	6.904
556	9.730	612	6.885
557	9.639	613	6.865
558	9.550	614	6.846
559	9.462	615	6.827
560	9.376	616	6.808
561	9.291	617	6.789
562	9.210	618	6.770
563	9.131	619	6.751
564	9.053	620	6.732
565	8.977	621	6.713
566	8.901	622	6.690
567	8.826	623	6.667
568	8.753	624	6.644
		625	6.622
		626	6.599
		627	6.577
		628	6.555
		629	6.533
		630	6.511
		631	6.490
		632	6.469
		633	6.449
		634	6.429
		635	6.410
		636	6.391
		637	6.373
		638	6.355
		639	6.336
		640	6.318
		641	6.301
		642	6.284
		643	6.267
		644	6.252
		645	6.237
		646	6.222
		647	6.208
		648	6.194
		649	6.181
		650	6.168
		651	6.156
		652	6.144
		653	6.132
		654	6.119
		655	6.107
		656	6.095
		657	6.083
		658	6.070
		659	6.058
		660	6.045
		661	6.033
		662	6.020
		663	6.008
		664	5.995
		665	5.982
		666	5.970
		667	5.957
		668	5.944
		669	5.932
		670	5.920
		671	5.908
		672	5.896
		673	5.884
		674	5.872
		675	5.859
		676	5.846
		677	5.833
		678	5.820
		679	5.807
		680	5.793
		681	5.780
		682	5.766
		683	5.752
		684	5.737
		685	5.723
		686	5.708
		687	5.694
		688	5.679
		689	5.664
		690	5.648
		691	5.633
		692	5.617
		693	5.601
		694	5.584
		695	5.567
		696	5.550
		697	5.533
		698	5.516
		699	5.498
		700	5.480
		701	5.463
		702	5.445
		703	5.427
		704	5.409
		705	5.391
		706	5.373
		707	5.355
		708	5.337
		709	5.319
		710	5.301
		711	5.283
		712	5.265
		713	5.247
		714	5.230
		715	5.213
		716	5.197
		717	5.180
		718	5.164
		719	5.149
		720	5.134
		721	5.119
		722	5.104
		723	5.090
		724	5.076
		725	5.063
		726	5.050
		727	5.038
		728	5.026
		729	5.014
		730	5.003
		731	4.993
		732	4.983
		733	4.973
		734	4.964
		735	4.956
		736	4.948

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Hydrograph Discharge Table

Time -- Outflow (min cfs)	Time -- Outflow (min cfs)	Time -- Outflow (min cfs)	Time -- Outflow (min cfs)
737	4.941	793	4.756
738	4.934	794	4.753
739	4.927	795	4.751
740	4.922	796	4.749
741	4.917	797	4.747
742	4.912	798	4.745
743	4.908	799	4.743
744	4.905	800	4.742
745	4.902	801	4.740
746	4.900	802	4.739
747	4.898	803	4.737
748	4.897	804	4.734
749	4.897	805	4.731
750	4.897	806	4.728
751	4.897	807	4.725
752	4.898	808	4.721
753	4.898	809	4.717
754	4.899	810	4.713
755	4.899	811	4.708
756	4.900	812	4.704
757	4.900	813	4.699
758	4.901	814	4.695
759	4.901	815	4.690
760	4.900	816	4.685
761	4.900	817	4.680
762	4.899	818	4.675
763	4.897	819	4.670
764	4.895	820	4.665
765	4.893	821	4.660
766	4.890	822	4.654
767	4.887	823	4.648
768	4.883	824	4.643
769	4.878	825	4.637
770	4.873	826	4.630
771	4.867	827	4.624
772	4.861	828	4.618
773	4.855	829	4.612
774	4.848	830	4.605
775	4.842	831	4.599
776	4.836	832	4.592
777	4.829	833	4.585
778	4.823	834	4.579
779	4.816	835	4.572
780	4.810	836	4.565
781	4.804	837	4.559
782	4.798	838	4.552
783	4.793	839	4.545
784	4.788	840	4.539
785	4.783	841	4.532
786	4.779	842	4.526
787	4.775	843	4.519
788	4.771	844	4.513
789	4.767	845	4.507
790	4.764	846	4.501
791	4.761	847	4.495
792	4.758	848	4.490
		849	4.484
		850	4.479
		851	4.474
		852	4.470
		853	4.466
		854	4.461
		855	4.458
		856	4.454
		857	4.451
		858	4.448
		859	4.445
		860	4.442
		861	4.439
		862	4.437
		863	4.434
		864	4.432
		865	4.429
		866	4.427
		867	4.425
		868	4.423
		869	4.420
		870	4.418
		871	4.416
		872	4.414
		873	4.412
		874	4.410
		875	4.408
		876	4.405
		877	4.403
		878	4.401
		879	4.399
		880	4.397
		881	4.395
		882	4.393
		883	4.390
		884	4.388
		885	4.386
		886	4.384
		887	4.381
		888	4.379
		889	4.377
		890	4.374
		891	4.372
		892	4.369
		893	4.367
		894	4.364
		895	4.361
		896	4.359
		897	4.356
		898	4.353
		899	4.351
		900	4.348
		901	4.345
		902	4.342
		903	4.339
		904	4.336
		905	4.333
		906	4.330
		907	4.327
		908	4.324
		909	4.321
		910	4.318
		911	4.315
		912	4.312
		913	4.309
		914	4.306
		915	4.302
		916	4.299
		917	4.296
		918	4.293
		919	4.290
		920	4.287
		921	4.284
		922	4.281
		923	4.278
		924	4.275
		925	4.271
		926	4.268
		927	4.265
		928	4.262
		929	4.259
		930	4.256
		931	4.253
		932	4.250
		933	4.247
		934	4.243
		935	4.240
		936	4.237
		937	4.234
		938	4.231
		939	4.228
		940	4.225
		941	4.222
		942	4.219
		943	4.215
		944	4.212
		945	4.209
		946	4.206
		947	4.203
		948	4.200
		949	4.197
		950	4.194
		951	4.191
		952	4.187
		953	4.184
		954	4.181
		955	4.178
		956	4.175
		957	4.172
		958	4.169
		959	4.165
		960	4.162

Continues on next page...

Hydrograph Discharge Table

Time -- Outflow (min cfs)	Time -- Outflow (min cfs)	Time -- Outflow (min cfs)	Time -- Outflow (min cfs)
961	4.159	1017	3.983
962	4.156	1018	3.979
963	4.153	1019	3.976
964	4.150	1020	3.973
965	4.147	1021	3.970
966	4.144	1022	3.967
967	4.140	1023	3.964
968	4.137	1024	3.960
969	4.134	1025	3.957
970	4.131	1026	3.954
971	4.128	1027	3.951
972	4.125	1028	3.948
973	4.122	1029	3.945
974	4.118	1030	3.941
975	4.115	1031	3.938
976	4.112	1032	3.935
977	4.109	1033	3.932
978	4.106	1034	3.929
979	4.103	1035	3.925
980	4.100	1036	3.922
981	4.096	1037	3.919
982	4.093	1038	3.916
983	4.090	1039	3.913
984	4.087	1040	3.910
985	4.084	1041	3.906
986	4.081	1042	3.903
987	4.078	1043	3.900
988	4.074	1044	3.897
989	4.071	1045	3.894
990	4.068	1046	3.890
991	4.065	1047	3.887
992	4.062	1048	3.884
993	4.059	1049	3.881
994	4.055	1050	3.878
995	4.052	1051	3.874
996	4.049	1052	3.871
997	4.046	1053	3.868
998	4.043	1054	3.865
999	4.040	1055	3.862
1000	4.036	1056	3.858
1001	4.033	1057	3.855
1002	4.030	1058	3.852
1003	4.027	1059	3.849
1004	4.024	1060	3.846
1005	4.021	1061	3.842
1006	4.018	1062	3.839
1007	4.014	1063	3.836
1008	4.011	1064	3.833
1009	4.008	1065	3.830
1010	4.005	1066	3.826
1011	4.002	1067	3.823
1012	3.999	1068	3.820
1013	3.995	1069	3.817
1014	3.992	1070	3.814
1015	3.989	1071	3.810
1016	3.986	1072	3.807
		1073	3.804
		1074	3.801
		1075	3.798
		1076	3.794
		1077	3.791
		1078	3.788
		1079	3.785
		1080	3.782
		1081	3.778
		1082	3.775
		1083	3.772
		1084	3.769
		1085	3.765
		1086	3.762
		1087	3.759
		1088	3.756
		1089	3.753
		1090	3.749
		1091	3.746
		1092	3.743
		1093	3.740
		1094	3.737
		1095	3.733
		1096	3.730
		1097	3.727
		1098	3.724
		1099	3.720
		1100	3.717
		1101	3.714
		1102	3.711
		1103	3.708
		1104	3.704
		1105	3.701
		1106	3.698
		1107	3.695
		1108	3.691
		1109	3.688
		1110	3.685
		1111	3.682
		1112	3.679
		1113	3.675
		1114	3.672
		1115	3.669
		1116	3.666
		1117	3.662
		1118	3.659
		1119	3.656
		1120	3.653
		1121	3.649
		1122	3.646
		1123	3.643
		1124	3.640
		1125	3.637
		1126	3.633
		1127	3.630
		1128	3.627
		1129	3.624
		1130	3.620
		1131	3.617
		1132	3.614
		1133	3.611
		1134	3.607
		1135	3.604
		1136	3.601
		1137	3.598
		1138	3.594
		1139	3.591
		1140	3.588
		1141	3.585
		1142	3.582
		1143	3.578
		1144	3.575
		1145	3.572
		1146	3.569
		1147	3.565
		1148	3.562
		1149	3.559
		1150	3.556
		1151	3.552
		1152	3.549
		1153	3.546
		1154	3.543
		1155	3.539
		1156	3.536
		1157	3.533
		1158	3.530
		1159	3.526
		1160	3.523
		1161	3.520
		1162	3.517
		1163	3.513
		1164	3.510
		1165	3.507
		1166	3.504
		1167	3.500
		1168	3.497
		1169	3.494
		1170	3.491
		1171	3.487
		1172	3.484
		1173	3.481
		1174	3.478
		1175	3.474
		1176	3.471
		1177	3.468
		1178	3.465
		1179	3.461
		1180	3.458
		1181	3.455
		1182	3.452
		1183	3.448
		1184	3.445

Continues on next page...

Hydrograph Discharge Table

Time -- Outflow (min cfs)	Time -- Outflow (min cfs)	Time -- Outflow (min cfs)	Time -- Outflow (min cfs)
1185	3.442	1241	3.259
1186	3.439	1242	3.255
1187	3.435	1243	3.252
1188	3.432	1244	3.249
1189	3.429	1245	3.246
1190	3.425	1246	3.242
1191	3.422	1247	3.239
1192	3.419	1248	3.236
1193	3.416	1249	3.232
1194	3.412	1250	3.229
1195	3.409	1251	3.226
1196	3.406	1252	3.223
1197	3.403	1253	3.219
1198	3.399	1254	3.216
1199	3.396	1255	3.213
1200	3.393	1256	3.209
1201	3.390	1257	3.206
1202	3.386	1258	3.203
1203	3.383	1259	3.200
1204	3.380	1260	3.196
1205	3.377	1261	3.193
1206	3.373	1262	3.190
1207	3.370	1263	3.186
1208	3.367	1264	3.183
1209	3.363	1265	3.180
1210	3.360	1266	3.177
1211	3.357	1267	3.173
1212	3.354	1268	3.170
1213	3.350	1269	3.167
1214	3.347	1270	3.163
1215	3.344	1271	3.160
1216	3.341	1272	3.157
1217	3.337	1273	3.154
1218	3.334	1274	3.150
1219	3.331	1275	3.147
1220	3.327	1276	3.144
1221	3.324	1277	3.140
1222	3.321	1278	3.137
1223	3.318	1279	3.134
1224	3.314	1280	3.131
1225	3.311	1281	3.127
1226	3.308	1282	3.124
1227	3.305	1283	3.121
1228	3.301	1284	3.117
1229	3.298	1285	3.114
1230	3.295	1286	3.111
1231	3.291	1287	3.107
1232	3.288	1288	3.104
1233	3.285	1289	3.101
1234	3.282	1290	3.098
1235	3.278	1291	3.094
1236	3.275	1292	3.091
1237	3.272	1293	3.088
1238	3.269	1294	3.084
1239	3.265	1295	3.081
1240	3.262	1296	3.078
		1297	3.075
		1298	3.071
		1299	3.068
		1300	3.065
		1301	3.061
		1302	3.058
		1303	3.055
		1304	3.051
		1305	3.048
		1306	3.045
		1307	3.042
		1308	3.038
		1309	3.035
		1310	3.032
		1311	3.028
		1312	3.025
		1313	3.022
		1314	3.018
		1315	3.015
		1316	3.012
		1317	3.009
		1318	3.005
		1319	3.002
		1320	2.999
		1321	2.995
		1322	2.992
		1323	2.989
		1324	2.985
		1325	2.982
		1326	2.979
		1327	2.975
		1328	2.972
		1329	2.969
		1330	2.966
		1331	2.962
		1332	2.959
		1333	2.956
		1334	2.952
		1335	2.949
		1336	2.946
		1337	2.942
		1338	2.939
		1339	2.936
		1340	2.933
		1341	2.929
		1342	2.926
		1343	2.923
		1344	2.919
		1345	2.916
		1346	2.913
		1347	2.909
		1348	2.906
		1349	2.903
		1350	2.899
		1351	2.896
		1352	2.893
		1353	2.889
		1354	2.886
		1355	2.883
		1356	2.880
		1357	2.876
		1358	2.873
		1359	2.870
		1360	2.866
		1361	2.863
		1362	2.860
		1363	2.856
		1364	2.853
		1365	2.850
		1366	2.846
		1367	2.843
		1368	2.840
		1369	2.836
		1370	2.833
		1371	2.830
		1372	2.827
		1373	2.823
		1374	2.820
		1375	2.817
		1376	2.813
		1377	2.810
		1378	2.807
		1379	2.803
		1380	2.800
		1381	2.797
		1382	2.793
		1383	2.790
		1384	2.787
		1385	2.783
		1386	2.780
		1387	2.777
		1388	2.773
		1389	2.770
		1390	2.767
		1391	2.763
		1392	2.760
		1393	2.757
		1394	2.753
		1395	2.750
		1396	2.747
		1397	2.744
		1398	2.740
		1399	2.737
		1400	2.734
		1401	2.730
		1402	2.727
		1403	2.724
		1404	2.720
		1405	2.717
		1406	2.714
		1407	2.710
		1408	2.707

Continues on next page...

Hydrograph Discharge Table

Time -- Outflow (min cfs)	Time -- Outflow (min cfs)
1409	1465
1410	1466
1411	1467
1412	1468
1413	1469
1414	1470
1415	1471
1416	1472
1417	1473
1418	1474
1419	1475
1420	1476
1421	1477
1422	1478
1423	1479
1424	1480
1425	1481
1426	1482
1427	1483
1428	1484
1429	1485
1430	1486
1431	1487
1432	1488
1433	1489
1434	1490
1435	
1436	...End
1437	
1438	
1439	
1440	
1441	
1442	
1443	
1444	
1445	
1446	
1447	
1448	
1449	
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Hydrograph Report

Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2009 by Autodesk, Inc. v6.066

Thursday, Jul 2, 2009

Hyd. No. 2

Detention pond outflow

Hydrograph type	= Reservoir	Peak discharge	= 6.197 cfs
Storm frequency	= 100 yrs	Time to peak	= 648 min
Time interval	= 1 min	Hyd. volume	= 223,992 cuft
Inflow hyd. No.	= 1 - Developed site storm event	Reservoir name	= Detention Pond
Max. Elevation	= 63.38 ft	Max. Storage	= 184,578 cuft

Storage Indication method used.

Hydrograph Discharge Table

(Printed values >= 1.00% of Qp.)

Time (min)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
574	8.320	63.21	----	----	----	----	0.136	----	----	----	----	0.136
575	8.251	63.21	----	----	----	----	0.324	----	----	----	----	0.324
576	8.184	63.22	----	----	----	----	0.507	----	----	----	----	0.507
577	8.117	63.23	----	----	----	----	0.683	----	----	----	----	0.683
578	8.051	63.23	----	----	----	----	0.854	----	----	----	----	0.854
579	7.988	63.24	----	----	----	----	1.020	----	----	----	----	1.020
580	7.928	63.25	----	----	----	----	1.180	----	----	----	----	1.180
581	7.869	63.25	----	----	----	----	1.335	----	----	----	----	1.335
582	7.813	63.26	----	----	----	----	1.486	----	----	----	----	1.486
583	7.759	63.27	----	----	----	----	1.631	----	----	----	----	1.631
584	7.707	63.27	----	----	----	----	1.772	----	----	----	----	1.772
585	7.656	63.28	----	----	----	----	1.909	----	----	----	----	1.909
586	7.608	63.28	----	----	----	----	2.041	----	----	----	----	2.041
587	7.562	63.29	----	----	----	----	2.169	----	----	----	----	2.169
588	7.517	63.29	----	----	----	----	2.293	----	----	----	----	2.293
589	7.475	63.30	----	----	----	----	2.413	----	----	----	----	2.413
590	7.434	63.30	----	----	----	----	2.581	----	----	----	----	2.581
591	7.395	63.31	----	----	----	----	2.783	----	----	----	----	2.783
592	7.361	63.31	----	----	----	----	2.975	----	----	----	----	2.975
593	7.329	63.32	----	----	----	----	3.158	----	----	----	----	3.158
594	7.298	63.32	----	----	----	----	3.332	----	----	----	----	3.332
595	7.268	63.32	----	----	----	----	3.497	----	----	----	----	3.497
596	7.238	63.33	----	----	----	----	3.654	----	----	----	----	3.654
597	7.210	63.33	----	----	----	----	3.804	----	----	----	----	3.804
598	7.182	63.33	----	----	----	----	3.946	----	----	----	----	3.946
599	7.155	63.34	----	----	----	----	4.080	----	----	----	----	4.080
600	7.129	63.34	----	----	----	----	4.209	----	----	----	----	4.209
601	7.107	63.34	----	----	----	----	4.330	----	----	----	----	4.330
602	7.085	63.34	----	----	----	----	4.446	----	----	----	----	4.446
603	7.064	63.35	----	----	----	----	4.556	----	----	----	----	4.556
604	7.043	63.35	----	----	----	----	4.661	----	----	----	----	4.660
605	7.023	63.35	----	----	----	----	4.760	----	----	----	----	4.760
606	7.003	63.35	----	----	----	----	4.854	----	----	----	----	4.854
607	6.983	63.35	----	----	----	----	4.944	----	----	----	----	4.943
608	6.964	63.36	----	----	----	----	5.028	----	----	----	----	5.028
609	6.943	63.36	----	----	----	----	5.109	----	----	----	----	5.109
610	6.924	63.36	----	----	----	----	5.185	----	----	----	----	5.185
611	6.904	63.36	----	----	----	----	5.257	----	----	----	----	5.258
612	6.885	63.36	----	----	----	----	5.326	----	----	----	----	5.326
613	6.865	63.36	----	----	----	----	5.391	----	----	----	----	5.391
614	6.846	63.37	----	----	----	----	5.452	----	----	----	----	5.452
615	6.827	63.37	----	----	----	----	5.510	----	----	----	----	5.510

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Hydrograph Discharge Table

Time (min)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
616	6.808	63.37	----	----	----	----	5.565	----	----	----	----	5.565
617	6.789	63.37	----	----	----	----	5.616	----	----	----	----	5.616
618	6.770	63.37	----	----	----	----	5.665	----	----	----	----	5.665
619	6.751	63.37	----	----	----	----	5.711	----	----	----	----	5.711
620	6.732	63.37	----	----	----	----	5.754	----	----	----	----	5.754
621	6.713	63.37	----	----	----	----	5.794	----	----	----	----	5.794
622	6.690	63.37	----	----	----	----	5.832	----	----	----	----	5.832
623	6.667	63.38	----	----	----	----	5.868	----	----	----	----	5.868
624	6.644	63.38	----	----	----	----	5.901	----	----	----	----	5.901
625	6.622	63.38	----	----	----	----	5.931	----	----	----	----	5.931
626	6.599	63.38	----	----	----	----	5.960	----	----	----	----	5.960
627	6.577	63.38	----	----	----	----	5.986	----	----	----	----	5.986
628	6.555	63.38	----	----	----	----	6.010	----	----	----	----	6.010
629	6.533	63.38	----	----	----	----	6.033	----	----	----	----	6.033
630	6.511	63.38	----	----	----	----	6.053	----	----	----	----	6.053
631	6.490	63.38	----	----	----	----	6.072	----	----	----	----	6.072
632	6.469	63.38	----	----	----	----	6.089	----	----	----	----	6.089
633	6.449	63.38	----	----	----	----	6.104	----	----	----	----	6.104
634	6.429	63.38	----	----	----	----	6.119	----	----	----	----	6.118
635	6.410	63.38	----	----	----	----	6.131	----	----	----	----	6.131
636	6.391	63.38	----	----	----	----	6.142	----	----	----	----	6.142
637	6.373	63.38	----	----	----	----	6.152	----	----	----	----	6.152
638	6.355	63.38	----	----	----	----	6.161	----	----	----	----	6.161
639	6.336	63.38	----	----	----	----	6.169	----	----	----	----	6.169
640	6.318	63.38	----	----	----	----	6.175	----	----	----	----	6.176
641	6.301	63.38	----	----	----	----	6.181	----	----	----	----	6.181
642	6.284	63.38	----	----	----	----	6.186	----	----	----	----	6.186
643	6.267	63.38	----	----	----	----	6.190	----	----	----	----	6.190
644	6.252	63.38	----	----	----	----	6.193	----	----	----	----	6.192
645	6.237	63.38	----	----	----	----	6.195	----	----	----	----	6.195
646	6.222	63.38	----	----	----	----	6.196	----	----	----	----	6.196
647	6.208	63.38	----	----	----	----	6.197	----	----	----	----	6.197
648	6.194	63.38 <<	----	----	----	----	6.197	----	----	----	----	6.197 <<
649	6.181	63.38	----	----	----	----	6.197	----	----	----	----	6.197
650	6.168	63.38	----	----	----	----	6.196	----	----	----	----	6.196
651	6.156	63.38	----	----	----	----	6.194	----	----	----	----	6.194
652	6.144	63.38	----	----	----	----	6.193	----	----	----	----	6.192
653	6.132	63.38	----	----	----	----	6.190	----	----	----	----	6.190
654	6.119	63.38	----	----	----	----	6.188	----	----	----	----	6.187
655	6.107	63.38	----	----	----	----	6.184	----	----	----	----	6.184
656	6.095	63.38	----	----	----	----	6.181	----	----	----	----	6.181
657	6.083	63.38	----	----	----	----	6.177	----	----	----	----	6.177
658	6.070	63.38	----	----	----	----	6.173	----	----	----	----	6.173
659	6.058	63.38	----	----	----	----	6.168	----	----	----	----	6.168
660	6.045	63.38	----	----	----	----	6.163	----	----	----	----	6.163
661	6.033	63.38	----	----	----	----	6.158	----	----	----	----	6.158
662	6.020	63.38	----	----	----	----	6.153	----	----	----	----	6.153
663	6.008	63.38	----	----	----	----	6.147	----	----	----	----	6.147
664	5.995	63.38	----	----	----	----	6.141	----	----	----	----	6.141
665	5.982	63.38	----	----	----	----	6.134	----	----	----	----	6.134
666	5.970	63.38	----	----	----	----	6.128	----	----	----	----	6.128
667	5.957	63.38	----	----	----	----	6.121	----	----	----	----	6.121
668	5.944	63.38	----	----	----	----	6.114	----	----	----	----	6.114
669	5.932	63.38	----	----	----	----	6.106	----	----	----	----	6.106
670	5.920	63.38	----	----	----	----	6.099	----	----	----	----	6.099
671	5.908	63.38	----	----	----	----	6.091	----	----	----	----	6.091

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Hydrograph Discharge Table

Time (min)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
672	5.896	63.38	----	----	----	----	6.083	----	----	----	----	6.083
673	5.884	63.38	----	----	----	----	6.075	----	----	----	----	6.075
674	5.872	63.38	----	----	----	----	6.067	----	----	----	----	6.067
675	5.859	63.38	----	----	----	----	6.058	----	----	----	----	6.058
676	5.846	63.38	----	----	----	----	6.050	----	----	----	----	6.050
677	5.833	63.38	----	----	----	----	6.041	----	----	----	----	6.041
678	5.820	63.38	----	----	----	----	6.032	----	----	----	----	6.032
679	5.807	63.38	----	----	----	----	6.023	----	----	----	----	6.023
680	5.793	63.38	----	----	----	----	6.014	----	----	----	----	6.014
681	5.780	63.38	----	----	----	----	6.004	----	----	----	----	6.004
682	5.766	63.38	----	----	----	----	5.994	----	----	----	----	5.994
683	5.752	63.38	----	----	----	----	5.985	----	----	----	----	5.985
684	5.737	63.38	----	----	----	----	5.975	----	----	----	----	5.974
685	5.723	63.38	----	----	----	----	5.964	----	----	----	----	5.964
686	5.708	63.38	----	----	----	----	5.954	----	----	----	----	5.954
687	5.694	63.38	----	----	----	----	5.943	----	----	----	----	5.943
688	5.679	63.38	----	----	----	----	5.933	----	----	----	----	5.933
689	5.664	63.38	----	----	----	----	5.922	----	----	----	----	5.922
690	5.648	63.38	----	----	----	----	5.911	----	----	----	----	5.910
691	5.633	63.38	----	----	----	----	5.899	----	----	----	----	5.899
692	5.617	63.38	----	----	----	----	5.888	----	----	----	----	5.888
693	5.601	63.38	----	----	----	----	5.876	----	----	----	----	5.876
694	5.584	63.38	----	----	----	----	5.864	----	----	----	----	5.864
695	5.567	63.38	----	----	----	----	5.852	----	----	----	----	5.852
696	5.550	63.37	----	----	----	----	5.840	----	----	----	----	5.840
697	5.533	63.37	----	----	----	----	5.827	----	----	----	----	5.827
698	5.516	63.37	----	----	----	----	5.815	----	----	----	----	5.815
699	5.498	63.37	----	----	----	----	5.802	----	----	----	----	5.802
700	5.480	63.37	----	----	----	----	5.789	----	----	----	----	5.789
701	5.463	63.37	----	----	----	----	5.775	----	----	----	----	5.775
702	5.445	63.37	----	----	----	----	5.762	----	----	----	----	5.762
703	5.427	63.37	----	----	----	----	5.748	----	----	----	----	5.748
704	5.409	63.37	----	----	----	----	5.735	----	----	----	----	5.734
705	5.391	63.37	----	----	----	----	5.720	----	----	----	----	5.720
706	5.373	63.37	----	----	----	----	5.706	----	----	----	----	5.706
707	5.355	63.37	----	----	----	----	5.692	----	----	----	----	5.692
708	5.337	63.37	----	----	----	----	5.677	----	----	----	----	5.678
709	5.319	63.37	----	----	----	----	5.663	----	----	----	----	5.663
710	5.301	63.37	----	----	----	----	5.648	----	----	----	----	5.648
711	5.283	63.37	----	----	----	----	5.633	----	----	----	----	5.633
712	5.265	63.37	----	----	----	----	5.618	----	----	----	----	5.618
713	5.247	63.37	----	----	----	----	5.603	----	----	----	----	5.603
714	5.230	63.37	----	----	----	----	5.588	----	----	----	----	5.588
715	5.213	63.37	----	----	----	----	5.572	----	----	----	----	5.572
716	5.197	63.37	----	----	----	----	5.557	----	----	----	----	5.557
717	5.180	63.37	----	----	----	----	5.542	----	----	----	----	5.542
718	5.164	63.37	----	----	----	----	5.526	----	----	----	----	5.526
719	5.149	63.37	----	----	----	----	5.511	----	----	----	----	5.511
720	5.134	63.37	----	----	----	----	5.495	----	----	----	----	5.495
721	5.119	63.37	----	----	----	----	5.480	----	----	----	----	5.480
722	5.104	63.37	----	----	----	----	5.464	----	----	----	----	5.464
723	5.090	63.37	----	----	----	----	5.449	----	----	----	----	5.449
724	5.076	63.37	----	----	----	----	5.434	----	----	----	----	5.434
725	5.063	63.37	----	----	----	----	5.419	----	----	----	----	5.419
726	5.050	63.37	----	----	----	----	5.403	----	----	----	----	5.403
727	5.038	63.36	----	----	----	----	5.388	----	----	----	----	5.388

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Hydrograph Discharge Table

Time (min)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
728	5.026	63.36	----	----	----	----	5.373	----	----	----	----	5.373
729	5.014	63.36	----	----	----	----	5.359	----	----	----	----	5.359
730	5.003	63.36	----	----	----	----	5.344	----	----	----	----	5.344
731	4.993	63.36	----	----	----	----	5.330	----	----	----	----	5.330
732	4.983	63.36	----	----	----	----	5.315	----	----	----	----	5.315
733	4.973	63.36	----	----	----	----	5.301	----	----	----	----	5.301
734	4.964	63.36	----	----	----	----	5.287	----	----	----	----	5.287
735	4.956	63.36	----	----	----	----	5.273	----	----	----	----	5.274
736	4.948	63.36	----	----	----	----	5.260	----	----	----	----	5.260
737	4.941	63.36	----	----	----	----	5.247	----	----	----	----	5.247
738	4.934	63.36	----	----	----	----	5.234	----	----	----	----	5.234
739	4.927	63.36	----	----	----	----	5.221	----	----	----	----	5.221
740	4.922	63.36	----	----	----	----	5.209	----	----	----	----	5.209
741	4.917	63.36	----	----	----	----	5.197	----	----	----	----	5.197
742	4.912	63.36	----	----	----	----	5.185	----	----	----	----	5.185
743	4.908	63.36	----	----	----	----	5.173	----	----	----	----	5.173
744	4.905	63.36	----	----	----	----	5.162	----	----	----	----	5.162
745	4.902	63.36	----	----	----	----	5.151	----	----	----	----	5.151
746	4.900	63.36	----	----	----	----	5.141	----	----	----	----	5.141
747	4.898	63.36	----	----	----	----	5.131	----	----	----	----	5.131
748	4.897	63.36	----	----	----	----	5.121	----	----	----	----	5.121
749	4.897	63.36	----	----	----	----	5.112	----	----	----	----	5.112
750	4.897	63.36	----	----	----	----	5.103	----	----	----	----	5.103
751	4.897	63.36	----	----	----	----	5.094	----	----	----	----	5.094
752	4.898	63.36	----	----	----	----	5.086	----	----	----	----	5.086
753	4.898	63.36	----	----	----	----	5.078	----	----	----	----	5.078
754	4.899	63.36	----	----	----	----	5.070	----	----	----	----	5.070
755	4.899	63.36	----	----	----	----	5.063	----	----	----	----	5.063
756	4.900	63.36	----	----	----	----	5.056	----	----	----	----	5.056
757	4.900	63.36	----	----	----	----	5.050	----	----	----	----	5.050
758	4.901	63.36	----	----	----	----	5.044	----	----	----	----	5.044
759	4.901	63.36	----	----	----	----	5.038	----	----	----	----	5.038
760	4.900	63.36	----	----	----	----	5.032	----	----	----	----	5.032
761	4.900	63.36	----	----	----	----	5.026	----	----	----	----	5.026
762	4.899	63.36	----	----	----	----	5.021	----	----	----	----	5.021
763	4.897	63.36	----	----	----	----	5.016	----	----	----	----	5.016
764	4.895	63.36	----	----	----	----	5.011	----	----	----	----	5.011
765	4.893	63.36	----	----	----	----	5.006	----	----	----	----	5.006
766	4.890	63.36	----	----	----	----	5.001	----	----	----	----	5.001
767	4.887	63.36	----	----	----	----	4.997	----	----	----	----	4.997
768	4.883	63.36	----	----	----	----	4.992	----	----	----	----	4.992
769	4.878	63.36	----	----	----	----	4.987	----	----	----	----	4.987
770	4.873	63.36	----	----	----	----	4.983	----	----	----	----	4.983
771	4.867	63.36	----	----	----	----	4.978	----	----	----	----	4.978
772	4.861	63.36	----	----	----	----	4.973	----	----	----	----	4.973
773	4.855	63.36	----	----	----	----	4.968	----	----	----	----	4.968
774	4.848	63.36	----	----	----	----	4.963	----	----	----	----	4.963
775	4.842	63.36	----	----	----	----	4.958	----	----	----	----	4.958
776	4.836	63.36	----	----	----	----	4.953	----	----	----	----	4.953
777	4.829	63.36	----	----	----	----	4.948	----	----	----	----	4.948
778	4.823	63.35	----	----	----	----	4.943	----	----	----	----	4.943
779	4.816	63.35	----	----	----	----	4.938	----	----	----	----	4.938
780	4.810	63.35	----	----	----	----	4.933	----	----	----	----	4.933
781	4.804	63.35	----	----	----	----	4.928	----	----	----	----	4.928
782	4.798	63.35	----	----	----	----	4.922	----	----	----	----	4.922
783	4.793	63.35	----	----	----	----	4.917	----	----	----	----	4.917

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Hydrograph Discharge Table

Time (min)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
784	4.788	63.35	----	----	----	----	4.912	----	----	----	----	4.912
785	4.783	63.35	----	----	----	----	4.906	----	----	----	----	4.906
786	4.779	63.35	----	----	----	----	4.901	----	----	----	----	4.901
787	4.775	63.35	----	----	----	----	4.896	----	----	----	----	4.896
788	4.771	63.35	----	----	----	----	4.891	----	----	----	----	4.891
789	4.767	63.35	----	----	----	----	4.886	----	----	----	----	4.886
790	4.764	63.35	----	----	----	----	4.881	----	----	----	----	4.881
791	4.761	63.35	----	----	----	----	4.876	----	----	----	----	4.876
792	4.758	63.35	----	----	----	----	4.871	----	----	----	----	4.871
793	4.756	63.35	----	----	----	----	4.866	----	----	----	----	4.866
794	4.753	63.35	----	----	----	----	4.861	----	----	----	----	4.861
795	4.751	63.35	----	----	----	----	4.857	----	----	----	----	4.857
796	4.749	63.35	----	----	----	----	4.852	----	----	----	----	4.852
797	4.747	63.35	----	----	----	----	4.848	----	----	----	----	4.848
798	4.745	63.35	----	----	----	----	4.844	----	----	----	----	4.844
799	4.743	63.35	----	----	----	----	4.840	----	----	----	----	4.840
800	4.742	63.35	----	----	----	----	4.835	----	----	----	----	4.836
801	4.740	63.35	----	----	----	----	4.832	----	----	----	----	4.832
802	4.739	63.35	----	----	----	----	4.828	----	----	----	----	4.828
803	4.737	63.35	----	----	----	----	4.824	----	----	----	----	4.824
804	4.734	63.35	----	----	----	----	4.820	----	----	----	----	4.820
805	4.731	63.35	----	----	----	----	4.817	----	----	----	----	4.817
806	4.728	63.35	----	----	----	----	4.813	----	----	----	----	4.813
807	4.725	63.35	----	----	----	----	4.809	----	----	----	----	4.809
808	4.721	63.35	----	----	----	----	4.806	----	----	----	----	4.806
809	4.717	63.35	----	----	----	----	4.802	----	----	----	----	4.802
810	4.713	63.35	----	----	----	----	4.798	----	----	----	----	4.798
811	4.708	63.35	----	----	----	----	4.795	----	----	----	----	4.795
812	4.704	63.35	----	----	----	----	4.791	----	----	----	----	4.791
813	4.699	63.35	----	----	----	----	4.787	----	----	----	----	4.787
814	4.695	63.35	----	----	----	----	4.784	----	----	----	----	4.784
815	4.690	63.35	----	----	----	----	4.780	----	----	----	----	4.780
816	4.685	63.35	----	----	----	----	4.776	----	----	----	----	4.776
817	4.680	63.35	----	----	----	----	4.772	----	----	----	----	4.772
818	4.675	63.35	----	----	----	----	4.768	----	----	----	----	4.768
819	4.670	63.35	----	----	----	----	4.764	----	----	----	----	4.764
820	4.665	63.35	----	----	----	----	4.760	----	----	----	----	4.760
821	4.660	63.35	----	----	----	----	4.756	----	----	----	----	4.756
822	4.654	63.35	----	----	----	----	4.752	----	----	----	----	4.752
823	4.648	63.35	----	----	----	----	4.748	----	----	----	----	4.748
824	4.643	63.35	----	----	----	----	4.743	----	----	----	----	4.743
825	4.637	63.35	----	----	----	----	4.739	----	----	----	----	4.739
826	4.630	63.35	----	----	----	----	4.734	----	----	----	----	4.735
827	4.624	63.35	----	----	----	----	4.730	----	----	----	----	4.730
828	4.618	63.35	----	----	----	----	4.726	----	----	----	----	4.726
829	4.612	63.35	----	----	----	----	4.721	----	----	----	----	4.721
830	4.605	63.35	----	----	----	----	4.716	----	----	----	----	4.716
831	4.599	63.35	----	----	----	----	4.711	----	----	----	----	4.711
832	4.592	63.35	----	----	----	----	4.707	----	----	----	----	4.707
833	4.585	63.35	----	----	----	----	4.702	----	----	----	----	4.702
834	4.579	63.35	----	----	----	----	4.697	----	----	----	----	4.697
835	4.572	63.35	----	----	----	----	4.691	----	----	----	----	4.692
836	4.565	63.35	----	----	----	----	4.686	----	----	----	----	4.686
837	4.559	63.35	----	----	----	----	4.681	----	----	----	----	4.681
838	4.552	63.35	----	----	----	----	4.676	----	----	----	----	4.676
839	4.545	63.35	----	----	----	----	4.671	----	----	----	----	4.671

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Hydrograph Discharge Table

Time (min)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
840	4.539	63.35	----	----	----	----	4.665	----	----	----	----	4.665
841	4.532	63.35	----	----	----	----	4.660	----	----	----	----	4.660
842	4.526	63.35	----	----	----	----	4.654	----	----	----	----	4.654
843	4.519	63.35	----	----	----	----	4.649	----	----	----	----	4.649
844	4.513	63.35	----	----	----	----	4.643	----	----	----	----	4.643
845	4.507	63.35	----	----	----	----	4.638	----	----	----	----	4.638
846	4.501	63.35	----	----	----	----	4.632	----	----	----	----	4.632
847	4.495	63.35	----	----	----	----	4.626	----	----	----	----	4.626
848	4.490	63.35	----	----	----	----	4.621	----	----	----	----	4.621
849	4.484	63.35	----	----	----	----	4.615	----	----	----	----	4.615
850	4.479	63.35	----	----	----	----	4.610	----	----	----	----	4.610
851	4.474	63.35	----	----	----	----	4.604	----	----	----	----	4.604
852	4.470	63.35	----	----	----	----	4.599	----	----	----	----	4.599
853	4.466	63.35	----	----	----	----	4.593	----	----	----	----	4.593
854	4.461	63.35	----	----	----	----	4.588	----	----	----	----	4.588
855	4.458	63.35	----	----	----	----	4.582	----	----	----	----	4.582
856	4.454	63.35	----	----	----	----	4.577	----	----	----	----	4.577
857	4.451	63.35	----	----	----	----	4.572	----	----	----	----	4.572
858	4.448	63.35	----	----	----	----	4.567	----	----	----	----	4.567
859	4.445	63.35	----	----	----	----	4.562	----	----	----	----	4.562
860	4.442	63.35	----	----	----	----	4.557	----	----	----	----	4.557
861	4.439	63.35	----	----	----	----	4.552	----	----	----	----	4.552
862	4.437	63.35	----	----	----	----	4.547	----	----	----	----	4.547
863	4.434	63.35	----	----	----	----	4.542	----	----	----	----	4.542
864	4.432	63.35	----	----	----	----	4.538	----	----	----	----	4.538
865	4.429	63.35	----	----	----	----	4.533	----	----	----	----	4.533
866	4.427	63.35	----	----	----	----	4.529	----	----	----	----	4.529
867	4.425	63.35	----	----	----	----	4.525	----	----	----	----	4.525
868	4.423	63.35	----	----	----	----	4.520	----	----	----	----	4.520
869	4.420	63.35	----	----	----	----	4.516	----	----	----	----	4.516
870	4.418	63.35	----	----	----	----	4.512	----	----	----	----	4.512
871	4.416	63.35	----	----	----	----	4.508	----	----	----	----	4.508
872	4.414	63.35	----	----	----	----	4.504	----	----	----	----	4.504
873	4.412	63.35	----	----	----	----	4.501	----	----	----	----	4.501
874	4.410	63.35	----	----	----	----	4.497	----	----	----	----	4.497
875	4.408	63.34	----	----	----	----	4.493	----	----	----	----	4.493
876	4.405	63.34	----	----	----	----	4.490	----	----	----	----	4.489
877	4.403	63.34	----	----	----	----	4.486	----	----	----	----	4.486
878	4.401	63.34	----	----	----	----	4.482	----	----	----	----	4.482
879	4.399	63.34	----	----	----	----	4.479	----	----	----	----	4.479
880	4.397	63.34	----	----	----	----	4.476	----	----	----	----	4.476
881	4.395	63.34	----	----	----	----	4.472	----	----	----	----	4.472
882	4.393	63.34	----	----	----	----	4.469	----	----	----	----	4.469
883	4.390	63.34	----	----	----	----	4.466	----	----	----	----	4.466
884	4.388	63.34	----	----	----	----	4.463	----	----	----	----	4.463
885	4.386	63.34	----	----	----	----	4.459	----	----	----	----	4.459
886	4.384	63.34	----	----	----	----	4.456	----	----	----	----	4.456
887	4.381	63.34	----	----	----	----	4.453	----	----	----	----	4.453
888	4.379	63.34	----	----	----	----	4.450	----	----	----	----	4.450
889	4.377	63.34	----	----	----	----	4.447	----	----	----	----	4.447
890	4.374	63.34	----	----	----	----	4.444	----	----	----	----	4.444
891	4.372	63.34	----	----	----	----	4.441	----	----	----	----	4.441
892	4.369	63.34	----	----	----	----	4.438	----	----	----	----	4.438
893	4.367	63.34	----	----	----	----	4.435	----	----	----	----	4.435
894	4.364	63.34	----	----	----	----	4.432	----	----	----	----	4.432
895	4.361	63.34	----	----	----	----	4.429	----	----	----	----	4.429

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Hydrograph Discharge Table

Time (min)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
896	4.359	63.34	----	----	----	----	4.427	----	----	----	----	4.426
897	4.356	63.34	----	----	----	----	4.424	----	----	----	----	4.424
898	4.353	63.34	----	----	----	----	4.421	----	----	----	----	4.421
899	4.351	63.34	----	----	----	----	4.418	----	----	----	----	4.418
900	4.348	63.34	----	----	----	----	4.415	----	----	----	----	4.415
901	4.345	63.34	----	----	----	----	4.412	----	----	----	----	4.412
902	4.342	63.34	----	----	----	----	4.409	----	----	----	----	4.409
903	4.339	63.34	----	----	----	----	4.406	----	----	----	----	4.406
904	4.336	63.34	----	----	----	----	4.403	----	----	----	----	4.403
905	4.333	63.34	----	----	----	----	4.401	----	----	----	----	4.401
906	4.330	63.34	----	----	----	----	4.398	----	----	----	----	4.398
907	4.327	63.34	----	----	----	----	4.395	----	----	----	----	4.395
908	4.324	63.34	----	----	----	----	4.392	----	----	----	----	4.392
909	4.321	63.34	----	----	----	----	4.389	----	----	----	----	4.389
910	4.318	63.34	----	----	----	----	4.386	----	----	----	----	4.386
911	4.315	63.34	----	----	----	----	4.383	----	----	----	----	4.383
912	4.312	63.34	----	----	----	----	4.380	----	----	----	----	4.380
913	4.309	63.34	----	----	----	----	4.377	----	----	----	----	4.377
914	4.306	63.34	----	----	----	----	4.374	----	----	----	----	4.374
915	4.302	63.34	----	----	----	----	4.371	----	----	----	----	4.371
916	4.299	63.34	----	----	----	----	4.369	----	----	----	----	4.368
917	4.296	63.34	----	----	----	----	4.365	----	----	----	----	4.366
918	4.293	63.34	----	----	----	----	4.363	----	----	----	----	4.363
919	4.290	63.34	----	----	----	----	4.360	----	----	----	----	4.360
920	4.287	63.34	----	----	----	----	4.357	----	----	----	----	4.357
921	4.284	63.34	----	----	----	----	4.354	----	----	----	----	4.354
922	4.281	63.34	----	----	----	----	4.351	----	----	----	----	4.351
923	4.278	63.34	----	----	----	----	4.348	----	----	----	----	4.348
924	4.275	63.34	----	----	----	----	4.345	----	----	----	----	4.345
925	4.271	63.34	----	----	----	----	4.342	----	----	----	----	4.342
926	4.268	63.34	----	----	----	----	4.339	----	----	----	----	4.339
927	4.265	63.34	----	----	----	----	4.336	----	----	----	----	4.336
928	4.262	63.34	----	----	----	----	4.333	----	----	----	----	4.333
929	4.259	63.34	----	----	----	----	4.330	----	----	----	----	4.330
930	4.256	63.34	----	----	----	----	4.327	----	----	----	----	4.327
931	4.253	63.34	----	----	----	----	4.324	----	----	----	----	4.324
932	4.250	63.34	----	----	----	----	4.321	----	----	----	----	4.321
933	4.247	63.34	----	----	----	----	4.317	----	----	----	----	4.318
934	4.243	63.34	----	----	----	----	4.315	----	----	----	----	4.315
935	4.240	63.34	----	----	----	----	4.311	----	----	----	----	4.311
936	4.237	63.34	----	----	----	----	4.308	----	----	----	----	4.308
937	4.234	63.34	----	----	----	----	4.305	----	----	----	----	4.305
938	4.231	63.34	----	----	----	----	4.302	----	----	----	----	4.302
939	4.228	63.34	----	----	----	----	4.299	----	----	----	----	4.299
940	4.225	63.34	----	----	----	----	4.296	----	----	----	----	4.296
941	4.222	63.34	----	----	----	----	4.293	----	----	----	----	4.293
942	4.219	63.34	----	----	----	----	4.290	----	----	----	----	4.290
943	4.215	63.34	----	----	----	----	4.287	----	----	----	----	4.287
944	4.212	63.34	----	----	----	----	4.284	----	----	----	----	4.284
945	4.209	63.34	----	----	----	----	4.281	----	----	----	----	4.281
946	4.206	63.34	----	----	----	----	4.278	----	----	----	----	4.278
947	4.203	63.34	----	----	----	----	4.275	----	----	----	----	4.275
948	4.200	63.34	----	----	----	----	4.272	----	----	----	----	4.272
949	4.197	63.34	----	----	----	----	4.269	----	----	----	----	4.269
950	4.194	63.34	----	----	----	----	4.266	----	----	----	----	4.266
951	4.191	63.34	----	----	----	----	4.263	----	----	----	----	4.263

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Hydrograph Discharge Table

Time (min)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
952	4.187	63.34	----	----	----	----	4.259	----	----	----	----	4.259
953	4.184	63.34	----	----	----	----	4.256	----	----	----	----	4.256
954	4.181	63.34	----	----	----	----	4.253	----	----	----	----	4.253
955	4.178	63.34	----	----	----	----	4.250	----	----	----	----	4.250
956	4.175	63.34	----	----	----	----	4.247	----	----	----	----	4.247
957	4.172	63.34	----	----	----	----	4.244	----	----	----	----	4.244
958	4.169	63.34	----	----	----	----	4.241	----	----	----	----	4.241
959	4.165	63.34	----	----	----	----	4.238	----	----	----	----	4.238
960	4.162	63.34	----	----	----	----	4.235	----	----	----	----	4.235
961	4.159	63.34	----	----	----	----	4.232	----	----	----	----	4.232
962	4.156	63.34	----	----	----	----	4.229	----	----	----	----	4.229
963	4.153	63.34	----	----	----	----	4.225	----	----	----	----	4.225
964	4.150	63.34	----	----	----	----	4.222	----	----	----	----	4.222
965	4.147	63.34	----	----	----	----	4.219	----	----	----	----	4.219
966	4.144	63.34	----	----	----	----	4.216	----	----	----	----	4.216
967	4.140	63.34	----	----	----	----	4.213	----	----	----	----	4.213
968	4.137	63.34	----	----	----	----	4.210	----	----	----	----	4.210
969	4.134	63.34	----	----	----	----	4.207	----	----	----	----	4.207
970	4.131	63.34	----	----	----	----	4.204	----	----	----	----	4.204
971	4.128	63.34	----	----	----	----	4.201	----	----	----	----	4.201
972	4.125	63.34	----	----	----	----	4.198	----	----	----	----	4.198
973	4.122	63.34	----	----	----	----	4.194	----	----	----	----	4.194
974	4.118	63.34	----	----	----	----	4.191	----	----	----	----	4.191
975	4.115	63.34	----	----	----	----	4.188	----	----	----	----	4.188
976	4.112	63.34	----	----	----	----	4.185	----	----	----	----	4.185
977	4.109	63.34	----	----	----	----	4.182	----	----	----	----	4.182
978	4.106	63.34	----	----	----	----	4.179	----	----	----	----	4.179
979	4.103	63.34	----	----	----	----	4.176	----	----	----	----	4.176
980	4.100	63.34	----	----	----	----	4.173	----	----	----	----	4.173
981	4.096	63.34	----	----	----	----	4.170	----	----	----	----	4.169
982	4.093	63.34	----	----	----	----	4.166	----	----	----	----	4.166
983	4.090	63.34	----	----	----	----	4.163	----	----	----	----	4.163
984	4.087	63.34	----	----	----	----	4.160	----	----	----	----	4.160
985	4.084	63.34	----	----	----	----	4.157	----	----	----	----	4.157
986	4.081	63.34	----	----	----	----	4.154	----	----	----	----	4.154
987	4.078	63.34	----	----	----	----	4.151	----	----	----	----	4.151
988	4.074	63.34	----	----	----	----	4.148	----	----	----	----	4.148
989	4.071	63.34	----	----	----	----	4.144	----	----	----	----	4.144
990	4.068	63.34	----	----	----	----	4.141	----	----	----	----	4.141
991	4.065	63.34	----	----	----	----	4.138	----	----	----	----	4.138
992	4.062	63.34	----	----	----	----	4.135	----	----	----	----	4.135
993	4.059	63.34	----	----	----	----	4.132	----	----	----	----	4.132
994	4.055	63.34	----	----	----	----	4.129	----	----	----	----	4.129
995	4.052	63.34	----	----	----	----	4.126	----	----	----	----	4.126
996	4.049	63.34	----	----	----	----	4.123	----	----	----	----	4.123
997	4.046	63.34	----	----	----	----	4.119	----	----	----	----	4.119
998	4.043	63.34	----	----	----	----	4.116	----	----	----	----	4.116
999	4.040	63.34	----	----	----	----	4.113	----	----	----	----	4.113
1000	4.036	63.34	----	----	----	----	4.110	----	----	----	----	4.110
1001	4.033	63.34	----	----	----	----	4.107	----	----	----	----	4.107
1002	4.030	63.34	----	----	----	----	4.104	----	----	----	----	4.104
1003	4.027	63.34	----	----	----	----	4.101	----	----	----	----	4.101
1004	4.024	63.34	----	----	----	----	4.097	----	----	----	----	4.097
1005	4.021	63.34	----	----	----	----	4.094	----	----	----	----	4.094
1006	4.018	63.34	----	----	----	----	4.091	----	----	----	----	4.091
1007	4.014	63.34	----	----	----	----	4.088	----	----	----	----	4.088

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Hydrograph Discharge Table

Time (min)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
1008	4.011	63.34	----	----	----	----	4.085	----	----	----	----	4.085
1009	4.008	63.34	----	----	----	----	4.082	----	----	----	----	4.082
1010	4.005	63.34	----	----	----	----	4.079	----	----	----	----	4.079
1011	4.002	63.34	----	----	----	----	4.075	----	----	----	----	4.075
1012	3.999	63.34	----	----	----	----	4.072	----	----	----	----	4.072
1013	3.995	63.34	----	----	----	----	4.069	----	----	----	----	4.069
1014	3.992	63.34	----	----	----	----	4.066	----	----	----	----	4.066
1015	3.989	63.34	----	----	----	----	4.063	----	----	----	----	4.063
1016	3.986	63.34	----	----	----	----	4.060	----	----	----	----	4.060
1017	3.983	63.34	----	----	----	----	4.056	----	----	----	----	4.056
1018	3.979	63.34	----	----	----	----	4.053	----	----	----	----	4.053
1019	3.976	63.34	----	----	----	----	4.050	----	----	----	----	4.050
1020	3.973	63.34	----	----	----	----	4.047	----	----	----	----	4.047
1021	3.970	63.33	----	----	----	----	4.044	----	----	----	----	4.044
1022	3.967	63.33	----	----	----	----	4.041	----	----	----	----	4.041
1023	3.964	63.33	----	----	----	----	4.038	----	----	----	----	4.037
1024	3.960	63.33	----	----	----	----	4.034	----	----	----	----	4.034
1025	3.957	63.33	----	----	----	----	4.031	----	----	----	----	4.031
1026	3.954	63.33	----	----	----	----	4.028	----	----	----	----	4.028
1027	3.951	63.33	----	----	----	----	4.025	----	----	----	----	4.025
1028	3.948	63.33	----	----	----	----	4.022	----	----	----	----	4.022
1029	3.945	63.33	----	----	----	----	4.018	----	----	----	----	4.018
1030	3.941	63.33	----	----	----	----	4.015	----	----	----	----	4.015
1031	3.938	63.33	----	----	----	----	4.012	----	----	----	----	4.012
1032	3.935	63.33	----	----	----	----	4.009	----	----	----	----	4.009
1033	3.932	63.33	----	----	----	----	4.006	----	----	----	----	4.006
1034	3.929	63.33	----	----	----	----	4.003	----	----	----	----	4.003
1035	3.925	63.33	----	----	----	----	4.000	----	----	----	----	3.999
1036	3.922	63.33	----	----	----	----	3.996	----	----	----	----	3.996
1037	3.919	63.33	----	----	----	----	3.993	----	----	----	----	3.993
1038	3.916	63.33	----	----	----	----	3.990	----	----	----	----	3.990
1039	3.913	63.33	----	----	----	----	3.987	----	----	----	----	3.987
1040	3.910	63.33	----	----	----	----	3.984	----	----	----	----	3.984
1041	3.906	63.33	----	----	----	----	3.980	----	----	----	----	3.980
1042	3.903	63.33	----	----	----	----	3.977	----	----	----	----	3.977
1043	3.900	63.33	----	----	----	----	3.974	----	----	----	----	3.974
1044	3.897	63.33	----	----	----	----	3.971	----	----	----	----	3.971
1045	3.894	63.33	----	----	----	----	3.968	----	----	----	----	3.968
1046	3.890	63.33	----	----	----	----	3.965	----	----	----	----	3.965
1047	3.887	63.33	----	----	----	----	3.962	----	----	----	----	3.961
1048	3.884	63.33	----	----	----	----	3.958	----	----	----	----	3.958
1049	3.881	63.33	----	----	----	----	3.955	----	----	----	----	3.955
1050	3.878	63.33	----	----	----	----	3.952	----	----	----	----	3.952
1051	3.874	63.33	----	----	----	----	3.949	----	----	----	----	3.949
1052	3.871	63.33	----	----	----	----	3.946	----	----	----	----	3.946
1053	3.868	63.33	----	----	----	----	3.942	----	----	----	----	3.942
1054	3.865	63.33	----	----	----	----	3.939	----	----	----	----	3.939
1055	3.862	63.33	----	----	----	----	3.936	----	----	----	----	3.936
1056	3.858	63.33	----	----	----	----	3.933	----	----	----	----	3.933
1057	3.855	63.33	----	----	----	----	3.930	----	----	----	----	3.930
1058	3.852	63.33	----	----	----	----	3.927	----	----	----	----	3.927
1059	3.849	63.33	----	----	----	----	3.923	----	----	----	----	3.923
1060	3.846	63.33	----	----	----	----	3.920	----	----	----	----	3.920
1061	3.842	63.33	----	----	----	----	3.917	----	----	----	----	3.917
1062	3.839	63.33	----	----	----	----	3.914	----	----	----	----	3.914
1063	3.836	63.33	----	----	----	----	3.911	----	----	----	----	3.911

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Hydrograph Discharge Table

Time (min)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
1064	3.833	63.33	----	----	----	----	3.908	----	----	----	----	3.907
1065	3.830	63.33	----	----	----	----	3.904	----	----	----	----	3.904
1066	3.826	63.33	----	----	----	----	3.901	----	----	----	----	3.901
1067	3.823	63.33	----	----	----	----	3.898	----	----	----	----	3.898
1068	3.820	63.33	----	----	----	----	3.895	----	----	----	----	3.895
1069	3.817	63.33	----	----	----	----	3.892	----	----	----	----	3.891
1070	3.814	63.33	----	----	----	----	3.888	----	----	----	----	3.888
1071	3.810	63.33	----	----	----	----	3.885	----	----	----	----	3.885
1072	3.807	63.33	----	----	----	----	3.882	----	----	----	----	3.882
1073	3.804	63.33	----	----	----	----	3.879	----	----	----	----	3.879
1074	3.801	63.33	----	----	----	----	3.876	----	----	----	----	3.876
1075	3.798	63.33	----	----	----	----	3.872	----	----	----	----	3.872
1076	3.794	63.33	----	----	----	----	3.869	----	----	----	----	3.869
1077	3.791	63.33	----	----	----	----	3.866	----	----	----	----	3.866
1078	3.788	63.33	----	----	----	----	3.863	----	----	----	----	3.863
1079	3.785	63.33	----	----	----	----	3.860	----	----	----	----	3.860
1080	3.782	63.33	----	----	----	----	3.856	----	----	----	----	3.856
1081	3.778	63.33	----	----	----	----	3.853	----	----	----	----	3.853
1082	3.775	63.33	----	----	----	----	3.850	----	----	----	----	3.850
1083	3.772	63.33	----	----	----	----	3.847	----	----	----	----	3.847
1084	3.769	63.33	----	----	----	----	3.844	----	----	----	----	3.844
1085	3.765	63.33	----	----	----	----	3.840	----	----	----	----	3.840
1086	3.762	63.33	----	----	----	----	3.837	----	----	----	----	3.837
1087	3.759	63.33	----	----	----	----	3.834	----	----	----	----	3.834
1088	3.756	63.33	----	----	----	----	3.831	----	----	----	----	3.831
1089	3.753	63.33	----	----	----	----	3.828	----	----	----	----	3.828
1090	3.749	63.33	----	----	----	----	3.824	----	----	----	----	3.824
1091	3.746	63.33	----	----	----	----	3.821	----	----	----	----	3.821
1092	3.743	63.33	----	----	----	----	3.818	----	----	----	----	3.818
1093	3.740	63.33	----	----	----	----	3.815	----	----	----	----	3.815
1094	3.737	63.33	----	----	----	----	3.812	----	----	----	----	3.812
1095	3.733	63.33	----	----	----	----	3.808	----	----	----	----	3.808
1096	3.730	63.33	----	----	----	----	3.805	----	----	----	----	3.805
1097	3.727	63.33	----	----	----	----	3.802	----	----	----	----	3.802
1098	3.724	63.33	----	----	----	----	3.799	----	----	----	----	3.799
1099	3.720	63.33	----	----	----	----	3.796	----	----	----	----	3.796
1100	3.717	63.33	----	----	----	----	3.792	----	----	----	----	3.792
1101	3.714	63.33	----	----	----	----	3.789	----	----	----	----	3.789
1102	3.711	63.33	----	----	----	----	3.786	----	----	----	----	3.786
1103	3.708	63.33	----	----	----	----	3.783	----	----	----	----	3.783
1104	3.704	63.33	----	----	----	----	3.780	----	----	----	----	3.779
1105	3.701	63.33	----	----	----	----	3.776	----	----	----	----	3.776
1106	3.698	63.33	----	----	----	----	3.773	----	----	----	----	3.773
1107	3.695	63.33	----	----	----	----	3.770	----	----	----	----	3.770
1108	3.691	63.33	----	----	----	----	3.767	----	----	----	----	3.767
1109	3.688	63.33	----	----	----	----	3.764	----	----	----	----	3.763
1110	3.685	63.33	----	----	----	----	3.760	----	----	----	----	3.760
1111	3.682	63.33	----	----	----	----	3.757	----	----	----	----	3.757
1112	3.679	63.33	----	----	----	----	3.754	----	----	----	----	3.754
1113	3.675	63.33	----	----	----	----	3.751	----	----	----	----	3.751
1114	3.672	63.33	----	----	----	----	3.747	----	----	----	----	3.747
1115	3.669	63.33	----	----	----	----	3.744	----	----	----	----	3.744
1116	3.666	63.33	----	----	----	----	3.741	----	----	----	----	3.741
1117	3.662	63.33	----	----	----	----	3.738	----	----	----	----	3.738
1118	3.659	63.33	----	----	----	----	3.734	----	----	----	----	3.734
1119	3.656	63.33	----	----	----	----	3.731	----	----	----	----	3.731

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Hydrograph Discharge Table

Time (min)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
1120	3.653	63.33	----	----	----	----	3.728	----	----	----	----	3.728
1121	3.649	63.33	----	----	----	----	3.725	----	----	----	----	3.725
1122	3.646	63.33	----	----	----	----	3.722	----	----	----	----	3.722
1123	3.643	63.33	----	----	----	----	3.718	----	----	----	----	3.718
1124	3.640	63.33	----	----	----	----	3.715	----	----	----	----	3.715
1125	3.637	63.33	----	----	----	----	3.712	----	----	----	----	3.712
1126	3.633	63.33	----	----	----	----	3.709	----	----	----	----	3.709
1127	3.630	63.33	----	----	----	----	3.706	----	----	----	----	3.706
1128	3.627	63.33	----	----	----	----	3.702	----	----	----	----	3.702
1129	3.624	63.33	----	----	----	----	3.699	----	----	----	----	3.699
1130	3.620	63.33	----	----	----	----	3.696	----	----	----	----	3.696
1131	3.617	63.33	----	----	----	----	3.693	----	----	----	----	3.693
1132	3.614	63.33	----	----	----	----	3.689	----	----	----	----	3.689
1133	3.611	63.33	----	----	----	----	3.686	----	----	----	----	3.686
1134	3.607	63.33	----	----	----	----	3.683	----	----	----	----	3.683
1135	3.604	63.33	----	----	----	----	3.680	----	----	----	----	3.680
1136	3.601	63.33	----	----	----	----	3.676	----	----	----	----	3.676
1137	3.598	63.33	----	----	----	----	3.673	----	----	----	----	3.673
1138	3.594	63.33	----	----	----	----	3.670	----	----	----	----	3.670
1139	3.591	63.33	----	----	----	----	3.667	----	----	----	----	3.667
1140	3.588	63.33	----	----	----	----	3.664	----	----	----	----	3.664
1141	3.585	63.33	----	----	----	----	3.660	----	----	----	----	3.660
1142	3.582	63.33	----	----	----	----	3.657	----	----	----	----	3.657
1143	3.578	63.33	----	----	----	----	3.654	----	----	----	----	3.654
1144	3.575	63.33	----	----	----	----	3.651	----	----	----	----	3.651
1145	3.572	63.33	----	----	----	----	3.647	----	----	----	----	3.647
1146	3.569	63.33	----	----	----	----	3.644	----	----	----	----	3.644
1147	3.565	63.33	----	----	----	----	3.641	----	----	----	----	3.641
1148	3.562	63.33	----	----	----	----	3.638	----	----	----	----	3.638
1149	3.559	63.33	----	----	----	----	3.634	----	----	----	----	3.634
1150	3.556	63.33	----	----	----	----	3.631	----	----	----	----	3.631
1151	3.552	63.33	----	----	----	----	3.628	----	----	----	----	3.628
1152	3.549	63.33	----	----	----	----	3.625	----	----	----	----	3.625
1153	3.546	63.33	----	----	----	----	3.622	----	----	----	----	3.622
1154	3.543	63.33	----	----	----	----	3.618	----	----	----	----	3.618
1155	3.539	63.33	----	----	----	----	3.615	----	----	----	----	3.615
1156	3.536	63.33	----	----	----	----	3.612	----	----	----	----	3.612
1157	3.533	63.33	----	----	----	----	3.609	----	----	----	----	3.609
1158	3.530	63.33	----	----	----	----	3.605	----	----	----	----	3.605
1159	3.526	63.33	----	----	----	----	3.602	----	----	----	----	3.602
1160	3.523	63.33	----	----	----	----	3.599	----	----	----	----	3.599
1161	3.520	63.33	----	----	----	----	3.596	----	----	----	----	3.596
1162	3.517	63.32	----	----	----	----	3.592	----	----	----	----	3.592
1163	3.513	63.32	----	----	----	----	3.589	----	----	----	----	3.589
1164	3.510	63.32	----	----	----	----	3.586	----	----	----	----	3.586
1165	3.507	63.32	----	----	----	----	3.583	----	----	----	----	3.583
1166	3.504	63.32	----	----	----	----	3.579	----	----	----	----	3.579
1167	3.500	63.32	----	----	----	----	3.576	----	----	----	----	3.576
1168	3.497	63.32	----	----	----	----	3.573	----	----	----	----	3.573
1169	3.494	63.32	----	----	----	----	3.570	----	----	----	----	3.570
1170	3.491	63.32	----	----	----	----	3.567	----	----	----	----	3.566
1171	3.487	63.32	----	----	----	----	3.563	----	----	----	----	3.563
1172	3.484	63.32	----	----	----	----	3.560	----	----	----	----	3.560
1173	3.481	63.32	----	----	----	----	3.557	----	----	----	----	3.557
1174	3.478	63.32	----	----	----	----	3.553	----	----	----	----	3.554
1175	3.474	63.32	----	----	----	----	3.550	----	----	----	----	3.550

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Hydrograph Discharge Table

Time (min)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
1176	3.471	63.32	----	----	----	----	3.547	----	----	----	----	3.547
1177	3.468	63.32	----	----	----	----	3.544	----	----	----	----	3.544
1178	3.465	63.32	----	----	----	----	3.541	----	----	----	----	3.541
1179	3.461	63.32	----	----	----	----	3.537	----	----	----	----	3.537
1180	3.458	63.32	----	----	----	----	3.534	----	----	----	----	3.534
1181	3.455	63.32	----	----	----	----	3.531	----	----	----	----	3.531
1182	3.452	63.32	----	----	----	----	3.528	----	----	----	----	3.528
1183	3.448	63.32	----	----	----	----	3.524	----	----	----	----	3.524
1184	3.445	63.32	----	----	----	----	3.521	----	----	----	----	3.521
1185	3.442	63.32	----	----	----	----	3.518	----	----	----	----	3.518
1186	3.439	63.32	----	----	----	----	3.515	----	----	----	----	3.515
1187	3.435	63.32	----	----	----	----	3.511	----	----	----	----	3.511
1188	3.432	63.32	----	----	----	----	3.508	----	----	----	----	3.508
1189	3.429	63.32	----	----	----	----	3.505	----	----	----	----	3.505
1190	3.425	63.32	----	----	----	----	3.501	----	----	----	----	3.502
1191	3.422	63.32	----	----	----	----	3.498	----	----	----	----	3.498
1192	3.419	63.32	----	----	----	----	3.495	----	----	----	----	3.495
1193	3.416	63.32	----	----	----	----	3.492	----	----	----	----	3.492
1194	3.412	63.32	----	----	----	----	3.489	----	----	----	----	3.489
1195	3.409	63.32	----	----	----	----	3.485	----	----	----	----	3.485
1196	3.406	63.32	----	----	----	----	3.482	----	----	----	----	3.482
1197	3.403	63.32	----	----	----	----	3.479	----	----	----	----	3.479
1198	3.399	63.32	----	----	----	----	3.476	----	----	----	----	3.476
1199	3.396	63.32	----	----	----	----	3.472	----	----	----	----	3.472
1200	3.393	63.32	----	----	----	----	3.469	----	----	----	----	3.469
1201	3.390	63.32	----	----	----	----	3.466	----	----	----	----	3.466
1202	3.386	63.32	----	----	----	----	3.462	----	----	----	----	3.463
1203	3.383	63.32	----	----	----	----	3.459	----	----	----	----	3.459
1204	3.380	63.32	----	----	----	----	3.456	----	----	----	----	3.456
1205	3.377	63.32	----	----	----	----	3.453	----	----	----	----	3.453
1206	3.373	63.32	----	----	----	----	3.450	----	----	----	----	3.450
1207	3.370	63.32	----	----	----	----	3.446	----	----	----	----	3.446
1208	3.367	63.32	----	----	----	----	3.443	----	----	----	----	3.443
1209	3.363	63.32	----	----	----	----	3.440	----	----	----	----	3.440
1210	3.360	63.32	----	----	----	----	3.436	----	----	----	----	3.436
1211	3.357	63.32	----	----	----	----	3.433	----	----	----	----	3.433
1212	3.354	63.32	----	----	----	----	3.430	----	----	----	----	3.430
1213	3.350	63.32	----	----	----	----	3.427	----	----	----	----	3.427
1214	3.347	63.32	----	----	----	----	3.423	----	----	----	----	3.423
1215	3.344	63.32	----	----	----	----	3.420	----	----	----	----	3.420
1216	3.341	63.32	----	----	----	----	3.417	----	----	----	----	3.417
1217	3.337	63.32	----	----	----	----	3.414	----	----	----	----	3.414
1218	3.334	63.32	----	----	----	----	3.410	----	----	----	----	3.410
1219	3.331	63.32	----	----	----	----	3.407	----	----	----	----	3.407
1220	3.327	63.32	----	----	----	----	3.404	----	----	----	----	3.404
1221	3.324	63.32	----	----	----	----	3.401	----	----	----	----	3.401
1222	3.321	63.32	----	----	----	----	3.397	----	----	----	----	3.397
1223	3.318	63.32	----	----	----	----	3.394	----	----	----	----	3.394
1224	3.314	63.32	----	----	----	----	3.391	----	----	----	----	3.391
1225	3.311	63.32	----	----	----	----	3.388	----	----	----	----	3.388
1226	3.308	63.32	----	----	----	----	3.384	----	----	----	----	3.384
1227	3.305	63.32	----	----	----	----	3.381	----	----	----	----	3.381
1228	3.301	63.32	----	----	----	----	3.378	----	----	----	----	3.378
1229	3.298	63.32	----	----	----	----	3.375	----	----	----	----	3.374
1230	3.295	63.32	----	----	----	----	3.371	----	----	----	----	3.371
1231	3.291	63.32	----	----	----	----	3.368	----	----	----	----	3.368

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Hydrograph Discharge Table

Time (min)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
1232	3.288	63.32	----	----	----	----	3.365	----	----	----	----	3.365
1233	3.285	63.32	----	----	----	----	3.361	----	----	----	----	3.361
1234	3.282	63.32	----	----	----	----	3.358	----	----	----	----	3.358
1235	3.278	63.32	----	----	----	----	3.355	----	----	----	----	3.355
1236	3.275	63.32	----	----	----	----	3.352	----	----	----	----	3.352
1237	3.272	63.32	----	----	----	----	3.348	----	----	----	----	3.348
1238	3.269	63.32	----	----	----	----	3.345	----	----	----	----	3.345
1239	3.265	63.32	----	----	----	----	3.342	----	----	----	----	3.342
1240	3.262	63.32	----	----	----	----	3.339	----	----	----	----	3.339
1241	3.259	63.32	----	----	----	----	3.335	----	----	----	----	3.335
1242	3.255	63.32	----	----	----	----	3.332	----	----	----	----	3.332
1243	3.252	63.32	----	----	----	----	3.329	----	----	----	----	3.329
1244	3.249	63.32	----	----	----	----	3.325	----	----	----	----	3.325
1245	3.246	63.32	----	----	----	----	3.322	----	----	----	----	3.322
1246	3.242	63.32	----	----	----	----	3.319	----	----	----	----	3.319
1247	3.239	63.32	----	----	----	----	3.316	----	----	----	----	3.316
1248	3.236	63.32	----	----	----	----	3.312	----	----	----	----	3.312
1249	3.232	63.32	----	----	----	----	3.309	----	----	----	----	3.309
1250	3.229	63.32	----	----	----	----	3.306	----	----	----	----	3.306
1251	3.226	63.32	----	----	----	----	3.302	----	----	----	----	3.303
1252	3.223	63.32	----	----	----	----	3.299	----	----	----	----	3.299
1253	3.219	63.32	----	----	----	----	3.296	----	----	----	----	3.296
1254	3.216	63.32	----	----	----	----	3.293	----	----	----	----	3.293
1255	3.213	63.32	----	----	----	----	3.289	----	----	----	----	3.289
1256	3.209	63.32	----	----	----	----	3.286	----	----	----	----	3.286
1257	3.206	63.32	----	----	----	----	3.283	----	----	----	----	3.283
1258	3.203	63.32	----	----	----	----	3.280	----	----	----	----	3.280
1259	3.200	63.32	----	----	----	----	3.276	----	----	----	----	3.276
1260	3.196	63.32	----	----	----	----	3.273	----	----	----	----	3.273
1261	3.193	63.32	----	----	----	----	3.270	----	----	----	----	3.270
1262	3.190	63.32	----	----	----	----	3.266	----	----	----	----	3.266
1263	3.186	63.32	----	----	----	----	3.263	----	----	----	----	3.263
1264	3.183	63.32	----	----	----	----	3.260	----	----	----	----	3.260
1265	3.180	63.32	----	----	----	----	3.257	----	----	----	----	3.257
1266	3.177	63.32	----	----	----	----	3.253	----	----	----	----	3.253
1267	3.173	63.32	----	----	----	----	3.250	----	----	----	----	3.250
1268	3.170	63.32	----	----	----	----	3.247	----	----	----	----	3.247
1269	3.167	63.32	----	----	----	----	3.243	----	----	----	----	3.243
1270	3.163	63.32	----	----	----	----	3.240	----	----	----	----	3.240
1271	3.160	63.32	----	----	----	----	3.237	----	----	----	----	3.237
1272	3.157	63.32	----	----	----	----	3.234	----	----	----	----	3.234
1273	3.154	63.32	----	----	----	----	3.230	----	----	----	----	3.230
1274	3.150	63.32	----	----	----	----	3.227	----	----	----	----	3.227
1275	3.147	63.32	----	----	----	----	3.224	----	----	----	----	3.224
1276	3.144	63.32	----	----	----	----	3.221	----	----	----	----	3.221
1277	3.140	63.32	----	----	----	----	3.217	----	----	----	----	3.217
1278	3.137	63.32	----	----	----	----	3.214	----	----	----	----	3.214
1279	3.134	63.32	----	----	----	----	3.211	----	----	----	----	3.211
1280	3.131	63.32	----	----	----	----	3.207	----	----	----	----	3.207
1281	3.127	63.32	----	----	----	----	3.204	----	----	----	----	3.204
1282	3.124	63.32	----	----	----	----	3.201	----	----	----	----	3.201
1283	3.121	63.32	----	----	----	----	3.198	----	----	----	----	3.198
1284	3.117	63.32	----	----	----	----	3.194	----	----	----	----	3.194
1285	3.114	63.32	----	----	----	----	3.191	----	----	----	----	3.191
1286	3.111	63.32	----	----	----	----	3.188	----	----	----	----	3.188
1287	3.107	63.32	----	----	----	----	3.184	----	----	----	----	3.184

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Hydrograph Discharge Table

Time (min)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
1288	3.104	63.32	----	----	----	----	3.181	----	----	----	----	3.181
1289	3.101	63.32	----	----	----	----	3.178	----	----	----	----	3.178
1290	3.098	63.32	----	----	----	----	3.174	----	----	----	----	3.175
1291	3.094	63.32	----	----	----	----	3.171	----	----	----	----	3.171
1292	3.091	63.32	----	----	----	----	3.168	----	----	----	----	3.168
1293	3.088	63.32	----	----	----	----	3.165	----	----	----	----	3.165
1294	3.084	63.32	----	----	----	----	3.161	----	----	----	----	3.161
1295	3.081	63.32	----	----	----	----	3.158	----	----	----	----	3.158
1296	3.078	63.32	----	----	----	----	3.155	----	----	----	----	3.155
1297	3.075	63.32	----	----	----	----	3.152	----	----	----	----	3.152
1298	3.071	63.32	----	----	----	----	3.148	----	----	----	----	3.148
1299	3.068	63.32	----	----	----	----	3.145	----	----	----	----	3.145
1300	3.065	63.31	----	----	----	----	3.142	----	----	----	----	3.142
1301	3.061	63.31	----	----	----	----	3.138	----	----	----	----	3.138
1302	3.058	63.31	----	----	----	----	3.135	----	----	----	----	3.135
1303	3.055	63.31	----	----	----	----	3.132	----	----	----	----	3.132
1304	3.051	63.31	----	----	----	----	3.129	----	----	----	----	3.128
1305	3.048	63.31	----	----	----	----	3.125	----	----	----	----	3.125
1306	3.045	63.31	----	----	----	----	3.122	----	----	----	----	3.122
1307	3.042	63.31	----	----	----	----	3.119	----	----	----	----	3.119
1308	3.038	63.31	----	----	----	----	3.115	----	----	----	----	3.115
1309	3.035	63.31	----	----	----	----	3.112	----	----	----	----	3.112
1310	3.032	63.31	----	----	----	----	3.109	----	----	----	----	3.109
1311	3.028	63.31	----	----	----	----	3.105	----	----	----	----	3.105
1312	3.025	63.31	----	----	----	----	3.102	----	----	----	----	3.102
1313	3.022	63.31	----	----	----	----	3.099	----	----	----	----	3.099
1314	3.018	63.31	----	----	----	----	3.095	----	----	----	----	3.096
1315	3.015	63.31	----	----	----	----	3.092	----	----	----	----	3.092
1316	3.012	63.31	----	----	----	----	3.089	----	----	----	----	3.089
1317	3.009	63.31	----	----	----	----	3.086	----	----	----	----	3.086
1318	3.005	63.31	----	----	----	----	3.082	----	----	----	----	3.082
1319	3.002	63.31	----	----	----	----	3.079	----	----	----	----	3.079
1320	2.999	63.31	----	----	----	----	3.076	----	----	----	----	3.076
1321	2.995	63.31	----	----	----	----	3.072	----	----	----	----	3.072
1322	2.992	63.31	----	----	----	----	3.069	----	----	----	----	3.069
1323	2.989	63.31	----	----	----	----	3.066	----	----	----	----	3.066
1324	2.985	63.31	----	----	----	----	3.063	----	----	----	----	3.063
1325	2.982	63.31	----	----	----	----	3.059	----	----	----	----	3.059
1326	2.979	63.31	----	----	----	----	3.056	----	----	----	----	3.056
1327	2.975	63.31	----	----	----	----	3.053	----	----	----	----	3.053
1328	2.972	63.31	----	----	----	----	3.049	----	----	----	----	3.049
1329	2.969	63.31	----	----	----	----	3.046	----	----	----	----	3.046
1330	2.966	63.31	----	----	----	----	3.043	----	----	----	----	3.043
1331	2.962	63.31	----	----	----	----	3.039	----	----	----	----	3.039
1332	2.959	63.31	----	----	----	----	3.036	----	----	----	----	3.036
1333	2.956	63.31	----	----	----	----	3.033	----	----	----	----	3.033
1334	2.952	63.31	----	----	----	----	3.030	----	----	----	----	3.030
1335	2.949	63.31	----	----	----	----	3.026	----	----	----	----	3.026
1336	2.946	63.31	----	----	----	----	3.023	----	----	----	----	3.023
1337	2.942	63.31	----	----	----	----	3.020	----	----	----	----	3.020
1338	2.939	63.31	----	----	----	----	3.016	----	----	----	----	3.016
1339	2.936	63.31	----	----	----	----	3.013	----	----	----	----	3.013
1340	2.933	63.31	----	----	----	----	3.010	----	----	----	----	3.010
1341	2.929	63.31	----	----	----	----	3.006	----	----	----	----	3.006
1342	2.926	63.31	----	----	----	----	3.003	----	----	----	----	3.003
1343	2.923	63.31	----	----	----	----	3.000	----	----	----	----	3.000

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Hydrograph Discharge Table

Time (min)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
1344	2.919	63.31	----	----	----	----	2.997	----	----	----	----	2.997
1345	2.916	63.31	----	----	----	----	2.993	----	----	----	----	2.993
1346	2.913	63.31	----	----	----	----	2.990	----	----	----	----	2.990
1347	2.909	63.31	----	----	----	----	2.987	----	----	----	----	2.987
1348	2.906	63.31	----	----	----	----	2.983	----	----	----	----	2.983
1349	2.903	63.31	----	----	----	----	2.980	----	----	----	----	2.980
1350	2.899	63.31	----	----	----	----	2.977	----	----	----	----	2.977
1351	2.896	63.31	----	----	----	----	2.974	----	----	----	----	2.973
1352	2.893	63.31	----	----	----	----	2.970	----	----	----	----	2.970
1353	2.889	63.31	----	----	----	----	2.967	----	----	----	----	2.967
1354	2.886	63.31	----	----	----	----	2.964	----	----	----	----	2.964
1355	2.883	63.31	----	----	----	----	2.960	----	----	----	----	2.960
1356	2.880	63.31	----	----	----	----	2.957	----	----	----	----	2.957
1357	2.876	63.31	----	----	----	----	2.954	----	----	----	----	2.954
1358	2.873	63.31	----	----	----	----	2.950	----	----	----	----	2.950
1359	2.870	63.31	----	----	----	----	2.947	----	----	----	----	2.947
1360	2.866	63.31	----	----	----	----	2.944	----	----	----	----	2.944
1361	2.863	63.31	----	----	----	----	2.940	----	----	----	----	2.940
1362	2.860	63.31	----	----	----	----	2.937	----	----	----	----	2.937
1363	2.856	63.31	----	----	----	----	2.934	----	----	----	----	2.934
1364	2.853	63.31	----	----	----	----	2.931	----	----	----	----	2.930
1365	2.850	63.31	----	----	----	----	2.927	----	----	----	----	2.927
1366	2.846	63.31	----	----	----	----	2.924	----	----	----	----	2.924
1367	2.843	63.31	----	----	----	----	2.921	----	----	----	----	2.921
1368	2.840	63.31	----	----	----	----	2.917	----	----	----	----	2.917
1369	2.836	63.31	----	----	----	----	2.914	----	----	----	----	2.914
1370	2.833	63.31	----	----	----	----	2.911	----	----	----	----	2.911
1371	2.830	63.31	----	----	----	----	2.907	----	----	----	----	2.907
1372	2.827	63.31	----	----	----	----	2.904	----	----	----	----	2.904
1373	2.823	63.31	----	----	----	----	2.901	----	----	----	----	2.901
1374	2.820	63.31	----	----	----	----	2.897	----	----	----	----	2.897
1375	2.817	63.31	----	----	----	----	2.894	----	----	----	----	2.894
1376	2.813	63.31	----	----	----	----	2.891	----	----	----	----	2.891
1377	2.810	63.31	----	----	----	----	2.887	----	----	----	----	2.887
1378	2.807	63.31	----	----	----	----	2.884	----	----	----	----	2.884
1379	2.803	63.31	----	----	----	----	2.881	----	----	----	----	2.881
1380	2.800	63.31	----	----	----	----	2.878	----	----	----	----	2.877
1381	2.797	63.31	----	----	----	----	2.874	----	----	----	----	2.874
1382	2.793	63.31	----	----	----	----	2.871	----	----	----	----	2.871
1383	2.790	63.31	----	----	----	----	2.868	----	----	----	----	2.868
1384	2.787	63.31	----	----	----	----	2.864	----	----	----	----	2.864
1385	2.783	63.31	----	----	----	----	2.861	----	----	----	----	2.861
1386	2.780	63.31	----	----	----	----	2.858	----	----	----	----	2.858
1387	2.777	63.31	----	----	----	----	2.854	----	----	----	----	2.854
1388	2.773	63.31	----	----	----	----	2.851	----	----	----	----	2.851
1389	2.770	63.31	----	----	----	----	2.848	----	----	----	----	2.848
1390	2.767	63.31	----	----	----	----	2.844	----	----	----	----	2.844
1391	2.763	63.31	----	----	----	----	2.841	----	----	----	----	2.841
1392	2.760	63.31	----	----	----	----	2.838	----	----	----	----	2.838
1393	2.757	63.31	----	----	----	----	2.834	----	----	----	----	2.834
1394	2.753	63.31	----	----	----	----	2.831	----	----	----	----	2.831
1395	2.750	63.31	----	----	----	----	2.828	----	----	----	----	2.828
1396	2.747	63.31	----	----	----	----	2.825	----	----	----	----	2.824
1397	2.744	63.31	----	----	----	----	2.821	----	----	----	----	2.821
1398	2.740	63.31	----	----	----	----	2.818	----	----	----	----	2.818
1399	2.737	63.31	----	----	----	----	2.815	----	----	----	----	2.815

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Hydrograph Discharge Table

Time (min)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
1400	2.734	63.31	----	----	----	----	2.811	----	----	----	----	2.811
1401	2.730	63.31	----	----	----	----	2.808	----	----	----	----	2.808
1402	2.727	63.31	----	----	----	----	2.805	----	----	----	----	2.805
1403	2.724	63.31	----	----	----	----	2.801	----	----	----	----	2.801
1404	2.720	63.31	----	----	----	----	2.798	----	----	----	----	2.798
1405	2.717	63.31	----	----	----	----	2.795	----	----	----	----	2.795
1406	2.714	63.31	----	----	----	----	2.791	----	----	----	----	2.791
1407	2.710	63.31	----	----	----	----	2.788	----	----	----	----	2.788
1408	2.707	63.31	----	----	----	----	2.785	----	----	----	----	2.785
1409	2.704	63.31	----	----	----	----	2.781	----	----	----	----	2.781
1410	2.700	63.31	----	----	----	----	2.778	----	----	----	----	2.778
1411	2.697	63.31	----	----	----	----	2.775	----	----	----	----	2.775
1412	2.694	63.31	----	----	----	----	2.771	----	----	----	----	2.771
1413	2.690	63.31	----	----	----	----	2.768	----	----	----	----	2.768
1414	2.687	63.31	----	----	----	----	2.765	----	----	----	----	2.765
1415	2.684	63.31	----	----	----	----	2.761	----	----	----	----	2.761
1416	2.680	63.31	----	----	----	----	2.758	----	----	----	----	2.758
1417	2.677	63.31	----	----	----	----	2.755	----	----	----	----	2.755
1418	2.674	63.31	----	----	----	----	2.751	----	----	----	----	2.751
1419	2.670	63.31	----	----	----	----	2.748	----	----	----	----	2.748
1420	2.667	63.31	----	----	----	----	2.745	----	----	----	----	2.745
1421	2.664	63.31	----	----	----	----	2.741	----	----	----	----	2.741
1422	2.660	63.31	----	----	----	----	2.738	----	----	----	----	2.738
1423	2.657	63.31	----	----	----	----	2.735	----	----	----	----	2.735
1424	2.654	63.31	----	----	----	----	2.731	----	----	----	----	2.732
1425	2.650	63.31	----	----	----	----	2.728	----	----	----	----	2.728
1426	2.647	63.31	----	----	----	----	2.725	----	----	----	----	2.725
1427	2.644	63.31	----	----	----	----	2.721	----	----	----	----	2.722
1428	2.640	63.31	----	----	----	----	2.718	----	----	----	----	2.718
1429	2.637	63.31	----	----	----	----	2.715	----	----	----	----	2.715
1430	2.634	63.31	----	----	----	----	2.712	----	----	----	----	2.712
1431	2.630	63.31	----	----	----	----	2.708	----	----	----	----	2.708
1432	2.627	63.31	----	----	----	----	2.705	----	----	----	----	2.705
1433	2.624	63.31	----	----	----	----	2.702	----	----	----	----	2.702
1434	2.620	63.31	----	----	----	----	2.698	----	----	----	----	2.698
1435	2.617	63.31	----	----	----	----	2.695	----	----	----	----	2.695
1436	2.614	63.30	----	----	----	----	2.692	----	----	----	----	2.692
1437	2.610	63.30	----	----	----	----	2.688	----	----	----	----	2.688
1438	2.607	63.30	----	----	----	----	2.685	----	----	----	----	2.685
1439	2.604	63.30	----	----	----	----	2.682	----	----	----	----	2.682
1440	2.600	63.30	----	----	----	----	2.678	----	----	----	----	2.678
1441	2.594	63.30	----	----	----	----	2.675	----	----	----	----	2.675
1442	2.583	63.30	----	----	----	----	2.671	----	----	----	----	2.671
1443	2.570	63.30	----	----	----	----	2.667	----	----	----	----	2.667
1444	2.552	63.30	----	----	----	----	2.663	----	----	----	----	2.663
1445	2.531	63.30	----	----	----	----	2.658	----	----	----	----	2.658
1446	2.507	63.30	----	----	----	----	2.652	----	----	----	----	2.652
1447	2.479	63.30	----	----	----	----	2.645	----	----	----	----	2.645
1448	2.448	63.30	----	----	----	----	2.638	----	----	----	----	2.638
1449	2.413	63.30	----	----	----	----	2.629	----	----	----	----	2.629
1450	2.375	63.30	----	----	----	----	2.619	----	----	----	----	2.619
1451	2.334	63.30	----	----	----	----	2.608	----	----	----	----	2.608
1452	2.289	63.30	----	----	----	----	2.596	----	----	----	----	2.596
1453	2.240	63.30	----	----	----	----	2.582	----	----	----	----	2.582
1454	2.188	63.30	----	----	----	----	2.566	----	----	----	----	2.567
1455	2.133	63.30	----	----	----	----	2.550	----	----	----	----	2.550

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Hydrograph Discharge Table

Time (min)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
1456	2.074	63.30	----	----	----	----	2.531	----	----	----	----	2.531
1457	2.012	63.30	----	----	----	----	2.510	----	----	----	----	2.510
1458	1.946	63.30	----	----	----	----	2.488	----	----	----	----	2.488
1459	1.877	63.30	----	----	----	----	2.465	----	----	----	----	2.465
1460	1.804	63.30	----	----	----	----	2.451	----	----	----	----	2.451
1461	1.728	63.30	----	----	----	----	2.435	----	----	----	----	2.435
1462	1.654	63.30	----	----	----	----	2.418	----	----	----	----	2.418
1463	1.581	63.30	----	----	----	----	2.399	----	----	----	----	2.399
1464	1.511	63.30	----	----	----	----	2.380	----	----	----	----	2.380
1465	1.441	63.30	----	----	----	----	2.359	----	----	----	----	2.359
1466	1.374	63.29	----	----	----	----	2.337	----	----	----	----	2.337
1467	1.308	63.29	----	----	----	----	2.314	----	----	----	----	2.314
1468	1.243	63.29	----	----	----	----	2.290	----	----	----	----	2.290
1469	1.181	63.29	----	----	----	----	2.265	----	----	----	----	2.265
1470	1.120	63.29	----	----	----	----	2.239	----	----	----	----	2.239
1471	1.060	63.29	----	----	----	----	2.212	----	----	----	----	2.212
1472	1.002	63.29	----	----	----	----	2.185	----	----	----	----	2.185
1473	0.946	63.29	----	----	----	----	2.157	----	----	----	----	2.157
1474	0.892	63.29	----	----	----	----	2.129	----	----	----	----	2.129
1475	0.839	63.29	----	----	----	----	2.099	----	----	----	----	2.099
1476	0.788	63.28	----	----	----	----	2.070	----	----	----	----	2.070
1477	0.738	63.28	----	----	----	----	2.040	----	----	----	----	2.040
1478	0.690	63.28	----	----	----	----	2.009	----	----	----	----	2.009
1479	0.644	63.28	----	----	----	----	1.978	----	----	----	----	1.978
1480	0.599	63.28	----	----	----	----	1.947	----	----	----	----	1.947
1481	0.556	63.28	----	----	----	----	1.915	----	----	----	----	1.915
1482	0.515	63.28	----	----	----	----	1.883	----	----	----	----	1.883
1483	0.475	63.28	----	----	----	----	1.851	----	----	----	----	1.851
1484	0.437	63.27	----	----	----	----	1.819	----	----	----	----	1.819
1485	0.400	63.27	----	----	----	----	1.787	----	----	----	----	1.786
1486	0.365	63.27	----	----	----	----	1.754	----	----	----	----	1.754
1487	0.332	63.27	----	----	----	----	1.722	----	----	----	----	1.722
1488	0.300	63.27	----	----	----	----	1.689	----	----	----	----	1.689
1489	0.270	63.27	----	----	----	----	1.657	----	----	----	----	1.657
1490	0.242	63.27	----	----	----	----	1.624	----	----	----	----	1.624
1491	0.215	63.26	----	----	----	----	1.592	----	----	----	----	1.592
1492	0.189	63.26	----	----	----	----	1.560	----	----	----	----	1.560
1493	0.166	63.26	----	----	----	----	1.528	----	----	----	----	1.528
1494	0.143	63.26	----	----	----	----	1.496	----	----	----	----	1.496
1495	0.123	63.26	----	----	----	----	1.465	----	----	----	----	1.465
1496	0.104	63.26	----	----	----	----	1.434	----	----	----	----	1.434
1497	0.087	63.26	----	----	----	----	1.403	----	----	----	----	1.403
1498	0.071	63.26	----	----	----	----	1.372	----	----	----	----	1.372
1499	0.057	63.25	----	----	----	----	1.342	----	----	----	----	1.342
1500	0.044	63.25	----	----	----	----	1.312	----	----	----	----	1.312
1501	0.033	63.25	----	----	----	----	1.283	----	----	----	----	1.283
1502	0.024	63.25	----	----	----	----	1.254	----	----	----	----	1.254
1503	0.016	63.25	----	----	----	----	1.225	----	----	----	----	1.225
1504	0.009	63.25	----	----	----	----	1.197	----	----	----	----	1.197
1505	0.005	63.25	----	----	----	----	1.170	----	----	----	----	1.170
1506	0.002	63.25	----	----	----	----	1.143	----	----	----	----	1.143
1507	0.000	63.25	----	----	----	----	1.116	----	----	----	----	1.116
1508	0.000	63.24	----	----	----	----	1.090	----	----	----	----	1.090
1509	0.000	63.24	----	----	----	----	1.065	----	----	----	----	1.065
1510	0.000	63.24	----	----	----	----	1.041	----	----	----	----	1.041
1511	0.000	63.24	----	----	----	----	1.017	----	----	----	----	1.017

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Hydrograph Discharge Table

Time (min)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
1512	0.000	63.24	----	----	----	----	0.993	----	----	----	----	0.993
1513	0.000	63.24	----	----	----	----	0.970	----	----	----	----	0.970
1514	0.000	63.24	----	----	----	----	0.948	----	----	----	----	0.948
1515	0.000	63.24	----	----	----	----	0.926	----	----	----	----	0.926
1516	0.000	63.24	----	----	----	----	0.905	----	----	----	----	0.904
1517	0.000	63.24	----	----	----	----	0.884	----	----	----	----	0.884
1518	0.000	63.24	----	----	----	----	0.863	----	----	----	----	0.863
1519	0.000	63.23	----	----	----	----	0.843	----	----	----	----	0.843
1520	0.000	63.23	----	----	----	----	0.824	----	----	----	----	0.824
1521	0.000	63.23	----	----	----	----	0.805	----	----	----	----	0.805
1522	0.000	63.23	----	----	----	----	0.786	----	----	----	----	0.786
1523	0.000	63.23	----	----	----	----	0.768	----	----	----	----	0.768
1524	0.000	63.23	----	----	----	----	0.750	----	----	----	----	0.750
1525	0.000	63.23	----	----	----	----	0.733	----	----	----	----	0.733
1526	0.000	63.23	----	----	----	----	0.716	----	----	----	----	0.716
1527	0.000	63.23	----	----	----	----	0.699	----	----	----	----	0.699
1528	0.000	63.23	----	----	----	----	0.683	----	----	----	----	0.683
1529	0.000	63.23	----	----	----	----	0.667	----	----	----	----	0.667
1530	0.000	63.23	----	----	----	----	0.652	----	----	----	----	0.652
1531	0.000	63.23	----	----	----	----	0.637	----	----	----	----	0.637
1532	0.000	63.23	----	----	----	----	0.622	----	----	----	----	0.622
1533	0.000	63.22	----	----	----	----	0.608	----	----	----	----	0.608
1534	0.000	63.22	----	----	----	----	0.594	----	----	----	----	0.594
1535	0.000	63.22	----	----	----	----	0.580	----	----	----	----	0.580
1536	0.000	63.22	----	----	----	----	0.567	----	----	----	----	0.567
1537	0.000	63.22	----	----	----	----	0.554	----	----	----	----	0.554
1538	0.000	63.22	----	----	----	----	0.541	----	----	----	----	0.541
1539	0.000	63.22	----	----	----	----	0.528	----	----	----	----	0.528
1540	0.000	63.22	----	----	----	----	0.516	----	----	----	----	0.516
1541	0.000	63.22	----	----	----	----	0.504	----	----	----	----	0.504
1542	0.000	63.22	----	----	----	----	0.493	----	----	----	----	0.493
1543	0.000	63.22	----	----	----	----	0.481	----	----	----	----	0.481
1544	0.000	63.22	----	----	----	----	0.470	----	----	----	----	0.470
1545	0.000	63.22	----	----	----	----	0.459	----	----	----	----	0.459
1546	0.000	63.22	----	----	----	----	0.449	----	----	----	----	0.449
1547	0.000	63.22	----	----	----	----	0.438	----	----	----	----	0.438
1548	0.000	63.22	----	----	----	----	0.428	----	----	----	----	0.428
1549	0.000	63.22	----	----	----	----	0.418	----	----	----	----	0.418
1550	0.000	63.22	----	----	----	----	0.409	----	----	----	----	0.409
1551	0.000	63.22	----	----	----	----	0.399	----	----	----	----	0.399
1552	0.000	63.22	----	----	----	----	0.390	----	----	----	----	0.390
1553	0.000	63.22	----	----	----	----	0.381	----	----	----	----	0.381
1554	0.000	63.22	----	----	----	----	0.372	----	----	----	----	0.372
1555	0.000	63.21	----	----	----	----	0.363	----	----	----	----	0.364
1556	0.000	63.21	----	----	----	----	0.355	----	----	----	----	0.355
1557	0.000	63.21	----	----	----	----	0.347	----	----	----	----	0.347
1558	0.000	63.21	----	----	----	----	0.339	----	----	----	----	0.339
1559	0.000	63.21	----	----	----	----	0.331	----	----	----	----	0.331
1560	0.000	63.21	----	----	----	----	0.323	----	----	----	----	0.323
1561	0.000	63.21	----	----	----	----	0.316	----	----	----	----	0.316
1562	0.000	63.21	----	----	----	----	0.309	----	----	----	----	0.309
1563	0.000	63.21	----	----	----	----	0.301	----	----	----	----	0.302
1564	0.000	63.21	----	----	----	----	0.295	----	----	----	----	0.295
1565	0.000	63.21	----	----	----	----	0.288	----	----	----	----	0.288
1566	0.000	63.21	----	----	----	----	0.281	----	----	----	----	0.281
1567	0.000	63.21	----	----	----	----	0.275	----	----	----	----	0.275

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Hydrograph Discharge Table

Time (min)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
1568	0.000	63.21	----	----	----	----	0.268	----	----	----	----	0.268
1569	0.000	63.21	----	----	----	----	0.262	----	----	----	----	0.262
1570	0.000	63.21	----	----	----	----	0.256	----	----	----	----	0.256
1571	0.000	63.21	----	----	----	----	0.250	----	----	----	----	0.250
1572	0.000	63.21	----	----	----	----	0.244	----	----	----	----	0.244
1573	0.000	63.21	----	----	----	----	0.239	----	----	----	----	0.239
1574	0.000	63.21	----	----	----	----	0.233	----	----	----	----	0.233
1575	0.000	63.21	----	----	----	----	0.228	----	----	----	----	0.228
1576	0.000	63.21	----	----	----	----	0.223	----	----	----	----	0.222
1577	0.000	63.21	----	----	----	----	0.217	----	----	----	----	0.217
1578	0.000	63.21	----	----	----	----	0.212	----	----	----	----	0.212
1579	0.000	63.21	----	----	----	----	0.207	----	----	----	----	0.207
1580	0.000	63.21	----	----	----	----	0.203	----	----	----	----	0.203
1581	0.000	63.21	----	----	----	----	0.198	----	----	----	----	0.198
1582	0.000	63.21	----	----	----	----	0.193	----	----	----	----	0.193
1583	0.000	63.21	----	----	----	----	0.189	----	----	----	----	0.189
1584	0.000	63.21	----	----	----	----	0.185	----	----	----	----	0.185
1585	0.000	63.21	----	----	----	----	0.180	----	----	----	----	0.180
1586	0.000	63.21	----	----	----	----	0.176	----	----	----	----	0.176
1587	0.000	63.21	----	----	----	----	0.172	----	----	----	----	0.172
1588	0.000	63.21	----	----	----	----	0.168	----	----	----	----	0.168
1589	0.000	63.21	----	----	----	----	0.164	----	----	----	----	0.164
1590	0.000	63.21	----	----	----	----	0.160	----	----	----	----	0.160
1591	0.000	63.21	----	----	----	----	0.157	----	----	----	----	0.157
1592	0.000	63.21	----	----	----	----	0.153	----	----	----	----	0.153
1593	0.000	63.21	----	----	----	----	0.150	----	----	----	----	0.150
1594	0.000	63.21	----	----	----	----	0.146	----	----	----	----	0.146
1595	0.000	63.21	----	----	----	----	0.143	----	----	----	----	0.143
1596	0.000	63.21	----	----	----	----	0.139	----	----	----	----	0.139
1597	0.000	63.21	----	----	----	----	0.136	----	----	----	----	0.136
1598	0.000	63.21	----	----	----	----	0.133	----	----	----	----	0.133
1599	0.000	63.21	----	----	----	----	0.130	----	----	----	----	0.130
1600	0.000	63.21	----	----	----	----	0.127	----	----	----	----	0.127
1601	0.000	63.21	----	----	----	----	0.124	----	----	----	----	0.124
1602	0.000	63.20	----	----	----	----	0.121	----	----	----	----	0.121
1603	0.000	63.20	----	----	----	----	0.118	----	----	----	----	0.118
1604	0.000	63.20	----	----	----	----	0.116	----	----	----	----	0.116
1605	0.000	63.20	----	----	----	----	0.113	----	----	----	----	0.113
1606	0.000	63.20	----	----	----	----	0.110	----	----	----	----	0.110
1607	0.000	63.20	----	----	----	----	0.108	----	----	----	----	0.108
1608	0.000	63.20	----	----	----	----	0.105	----	----	----	----	0.105
1609	0.000	63.20	----	----	----	----	0.103	----	----	----	----	0.103
1610	0.000	63.20	----	----	----	----	0.100	----	----	----	----	0.101
1611	0.000	63.20	----	----	----	----	0.098	----	----	----	----	0.098
1612	0.000	63.20	----	----	----	----	0.096	----	----	----	----	0.096
1613	0.000	63.20	----	----	----	----	0.094	----	----	----	----	0.094
1614	0.000	63.20	----	----	----	----	0.092	----	----	----	----	0.092
1615	0.000	63.20	----	----	----	----	0.089	----	----	----	----	0.089
1616	0.000	63.20	----	----	----	----	0.087	----	----	----	----	0.087
1617	0.000	63.20	----	----	----	----	0.085	----	----	----	----	0.085
1618	0.000	63.20	----	----	----	----	0.083	----	----	----	----	0.083
1619	0.000	63.20	----	----	----	----	0.081	----	----	----	----	0.081
1620	0.000	63.20	----	----	----	----	0.080	----	----	----	----	0.080
1621	0.000	63.20	----	----	----	----	0.078	----	----	----	----	0.078
1622	0.000	63.20	----	----	----	----	0.076	----	----	----	----	0.076
1623	0.000	63.20	----	----	----	----	0.074	----	----	----	----	0.074

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Hydrograph Discharge Table

Time (min)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
1624	0.000	63.20	----	----	----	----	0.072	----	----	----	----	0.072
1625	0.000	63.20	----	----	----	----	0.071	----	----	----	----	0.071
1626	0.000	63.20	----	----	----	----	0.069	----	----	----	----	0.069
1627	0.000	63.20	----	----	----	----	0.068	----	----	----	----	0.068
1628	0.000	63.20	----	----	----	----	0.066	----	----	----	----	0.066
1629	0.000	63.20	----	----	----	----	0.064	----	----	----	----	0.064
1630	0.000	63.20	----	----	----	----	0.063	----	----	----	----	0.063

...End

**EMERGENCY RELEASE THROUGH 30' BROAD CRESTED
WEIR MODEL CALCULATIONS**

Watershed Model Schematic

Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2009 by Autodesk, Inc. v6.066



Legend

<u>Hyd.</u>	<u>Origin</u>	<u>Description</u>
1	SCS Runoff	Developed site storm event
2	Reservoir	Detention pond outflow

Hydrograph Return Period Recap

Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2009 by Autodesk, Inc. v6.066

Hyd. No.	Hydrograph type (origin)	Inflow Hyd(s)	Peak Outflow (cfs)								Hydrograph description
			1-Yr	2-Yr	3-Yr	5-Yr	10-Yr	25-Yr	50-Yr	100-Yr	
1	SCS Runoff	-----	-----	7.792	-----	11.97	14.81	18.23	20.66	23.03	Developed site storm event
2	Reservoir	1	-----	0.000	-----	1.838	2.737	3.816	4.911	6.197	Detention pond outflow

Hydrograph Summary Report

Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2009 by Autodesk, Inc. v6.066

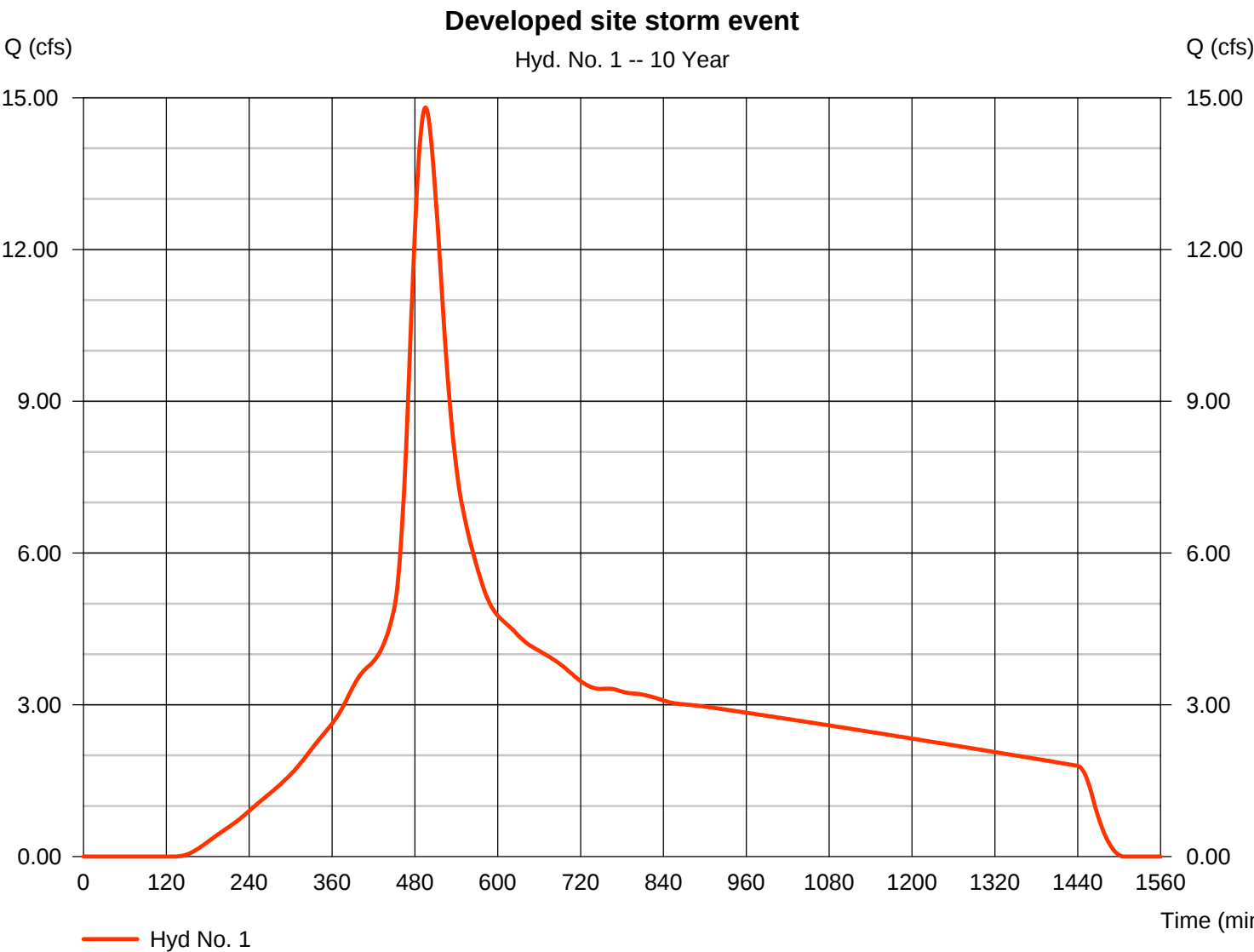
Hyd. No.	Hydrograph type (origin)	Peak flow (cfs)	Time interval (min)	Time to peak (min)	Hyd. volume (cuft)	Inflow hyd(s)	Maximum elevation (ft)	Total strge used (cuft)	Hydrograph description
1	SCS Runoff	14.81	1	495	257,225	-----	-----	-----	Developed site storm event
2	Reservoir	2.737	1	1012	84,215	1	63.31	179,719	Detention pond outflow
Proposed site SCS 06-25-09 Broad crested weir					Return Period: 10 Year			Thursday, Jul 2, 2009	

Hydrograph Report

Hyd. No. 1

Developed site storm event

Hydrograph type	=	SCS Runoff	Peak discharge	=	14.81 cfs
Storm frequency	=	10 yrs	Time to peak	=	495 min
Time interval	=	1 min	Hyd. volume	=	257,225 cuft
Drainage area	=	25.500 ac	Curve number	=	91
Basin Slope	=	0.0 %	Hydraulic length	=	0 ft
Tc method	=	TR55	Time of conc. (Tc)	=	34.00 min
Total precip.	=	3.74 in	Distribution	=	Type IA
Storm duration	=	24 hrs	Shape factor	=	400



TR55 Tc Worksheet

Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2009 by Autodesk, Inc. v6.066

Hyd. No. 1

Developed site storm event

<u>Description</u>	<u>A</u>	<u>B</u>	<u>C</u>	<u>Totals</u>
Sheet Flow				
Manning's n-value	= 0.240	0.011	0.011	
Flow length (ft)	= 180.0	0.0	0.0	
Two-year 24-hr precip. (in)	= 2.39	0.00	0.00	
Land slope (%)	= 1.50	0.00	0.00	
Travel Time (min)	= 29.65	+ 0.00	+ 0.00	= 29.65
Shallow Concentrated Flow				
Flow length (ft)	= 0.00	0.00	0.00	
Watercourse slope (%)	= 0.00	0.00	0.00	
Surface description	= Paved	Paved	Paved	
Average velocity (ft/s)	= 0.00	0.00	0.00	
Travel Time (min)	= 0.00	+ 0.00	+ 0.00	= 0.00
Channel Flow				
X sectional flow area (sqft)	= 18.00	0.00	0.00	
Wetted perimeter (ft)	= 13.40	0.00	0.00	
Channel slope (%)	= 0.25	0.00	0.00	
Manning's n-value	= 0.025	0.015	0.015	
Velocity (ft/s)	= 3.63	0.00	0.00	
Flow length (ft)	= 950.0	0.0	0.0	
Travel Time (min)	= 4.36	+ 0.00	+ 0.00	= 4.36
Total Travel Time, Tc				34.00 min

Hydrograph Report

Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2009 by Autodesk, Inc. v6.066

Thursday, Jul 2, 2009

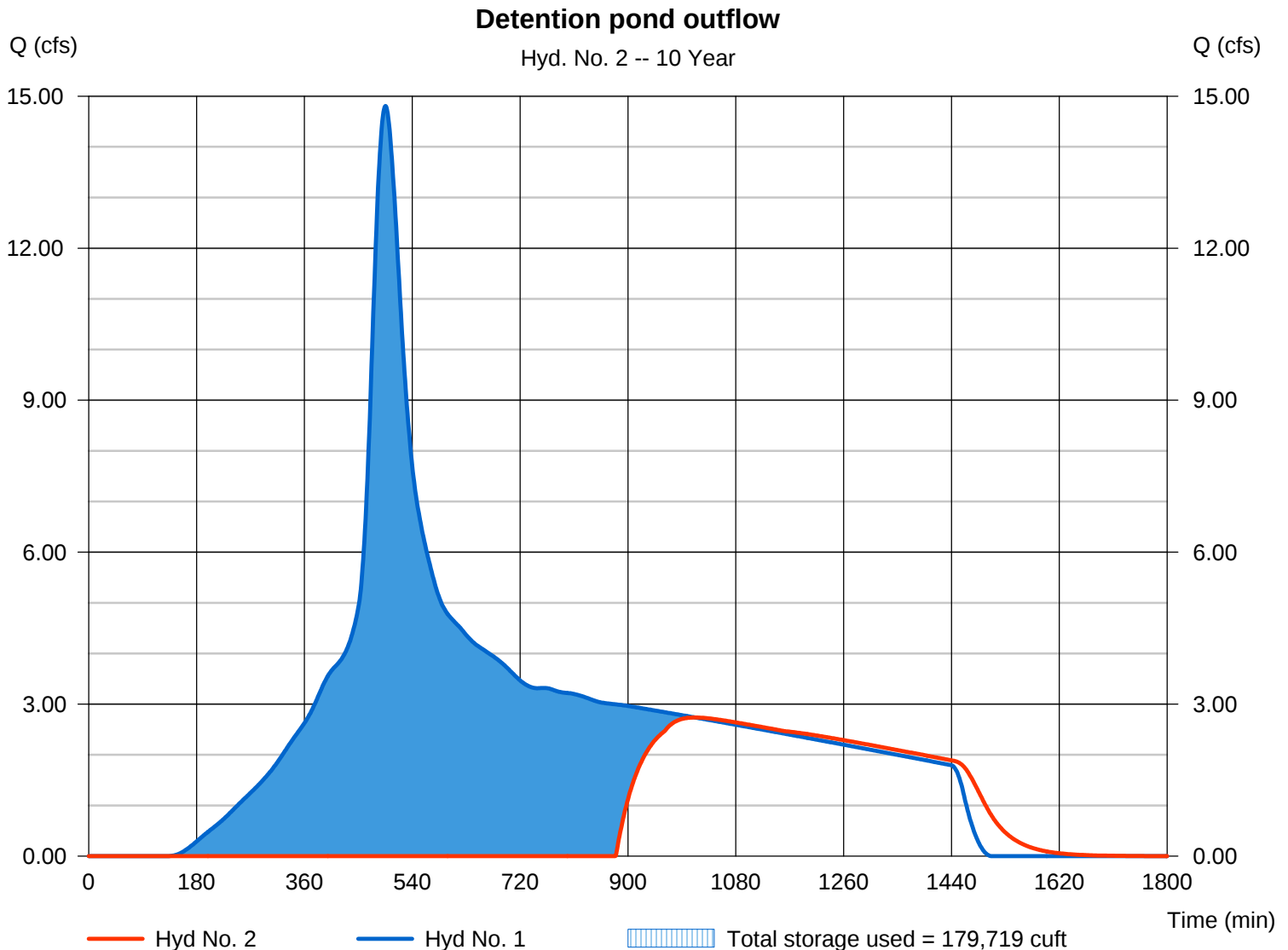
Hyd. No. 2

Detention pond outflow

Hydrograph type = Reservoir
Storm frequency = 10 yrs
Time interval = 1 min
Inflow hyd. No. = 1 - Developed site storm event
Reservoir name = Detention Pond

Peak discharge = 2.737 cfs
Time to peak = 1012 min
Hyd. volume = 84,215 cuft
Max. Elevation = 63.31 ft
Max. Storage = 179,719 cuft

Storage Indication method used.



Pond Report

Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2009 by Autodesk, Inc. v6.066

Thursday, Jul 2, 2009

Pond No. 1 - Detention Pond

Pond Data

Contours - User-defined contour areas. Average end area method used for volume calculation. Beginning Elevation = 59.00 ft

Stage / Storage Table

Stage (ft)	Elevation (ft)	Contour area (sqft)	Incr. Storage (cuft)	Total storage (cuft)
0.00	59.00	10	0	0
1.00	60.00	24,253	12,132	12,132
1.70	60.70	46,955	24,923	37,054
2.00	61.00	48,669	14,344	51,398
3.00	62.00	54,448	51,559	102,956
4.00	63.00	60,328	57,388	160,344
5.00	64.00	66,309	63,319	223,663

Culvert / Orifice Structures

	[A]	[B]	[C]	[PrfRsr]
Rise (in)	Inactive	Inactive	Inactive	Inactive
Span (in)	= 0.00	0.00	0.00	0.00
No. Barrels	= 1	1	0	0
Invert El. (ft)	= 0.00	0.00	0.00	0.00
Length (ft)	= 0.00	0.00	0.00	0.00
Slope (%)	= 0.00	0.00	0.00	n/a
N-Value	= .013	.013	.013	n/a
Orifice Coeff.	= 0.60	0.60	0.60	0.60
Multi-Stage	= n/a	Yes	Yes	Yes

Weir Structures

	[A]	[B]	[C]	[D]
Crest Len (ft)	= 30.00	0.00	0.00	0.00
Crest El. (ft)	= 63.20	0.00	0.00	0.00
Weir Coeff.	= 2.60	2.60	3.33	3.33
Weir Type	= Broad	---	---	---
Multi-Stage	= No	No	No	No
Exfil.(in/hr)	= 0.000 (by Wet area)			
TW Elev. (ft)	= 61.20			

Note: Culvert/Orifice outflows are analyzed under inlet (ic) and outlet (oc) control. Weir risers checked for orifice conditions (ic) and submergence (s).

Stage / Storage / Discharge Table

Stage ft	Storage cuft	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PrfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	User cfs	Total cfs
0.00	0	59.00	---	---	---	---	0.00	---	---	---	---	---	0.000
0.10	1,213	59.10	---	---	---	---	0.00	---	---	---	---	---	0.000
0.20	2,426	59.20	---	---	---	---	0.00	---	---	---	---	---	0.000
0.30	3,639	59.30	---	---	---	---	0.00	---	---	---	---	---	0.000
0.40	4,853	59.40	---	---	---	---	0.00	---	---	---	---	---	0.000
0.50	6,066	59.50	---	---	---	---	0.00	---	---	---	---	---	0.000
0.60	7,279	59.60	---	---	---	---	0.00	---	---	---	---	---	0.000
0.70	8,492	59.70	---	---	---	---	0.00	---	---	---	---	---	0.000
0.80	9,705	59.80	---	---	---	---	0.00	---	---	---	---	---	0.000
0.90	10,918	59.90	---	---	---	---	0.00	---	---	---	---	---	0.000
1.00	12,132	60.00	---	---	---	---	0.00	---	---	---	---	---	0.000
1.07	14,624	60.07	---	---	---	---	0.00	---	---	---	---	---	0.000
1.14	17,116	60.14	---	---	---	---	0.00	---	---	---	---	---	0.000
1.21	19,608	60.21	---	---	---	---	0.00	---	---	---	---	---	0.000
1.28	22,101	60.28	---	---	---	---	0.00	---	---	---	---	---	0.000
1.35	24,593	60.35	---	---	---	---	0.00	---	---	---	---	---	0.000
1.42	27,085	60.42	---	---	---	---	0.00	---	---	---	---	---	0.000
1.49	29,577	60.49	---	---	---	---	0.00	---	---	---	---	---	0.000
1.56	32,070	60.56	---	---	---	---	0.00	---	---	---	---	---	0.000
1.63	34,562	60.63	---	---	---	---	0.00	---	---	---	---	---	0.000
1.70	37,054	60.70	---	---	---	---	0.00	---	---	---	---	---	0.000
1.73	38,489	60.73	---	---	---	---	0.00	---	---	---	---	---	0.000
1.76	39,923	60.76	---	---	---	---	0.00	---	---	---	---	---	0.000
1.79	41,357	60.79	---	---	---	---	0.00	---	---	---	---	---	0.000
1.82	42,792	60.82	---	---	---	---	0.00	---	---	---	---	---	0.000
1.85	44,226	60.85	---	---	---	---	0.00	---	---	---	---	---	0.000
1.88	45,660	60.88	---	---	---	---	0.00	---	---	---	---	---	0.000
1.91	47,095	60.91	---	---	---	---	0.00	---	---	---	---	---	0.000
1.94	48,529	60.94	---	---	---	---	0.00	---	---	---	---	---	0.000
1.97	49,964	60.97	---	---	---	---	0.00	---	---	---	---	---	0.000
2.00	51,398	61.00	---	---	---	---	0.00	---	---	---	---	---	0.000
2.10	56,554	61.10	---	---	---	---	0.00	---	---	---	---	---	0.000
2.20	61,710	61.20	---	---	---	---	0.00	---	---	---	---	---	0.000
2.30	66,865	61.30	---	---	---	---	0.00	---	---	---	---	---	0.000
2.40	72,021	61.40	---	---	---	---	0.00	---	---	---	---	---	0.000
2.50	77,177	61.50	---	---	---	---	0.00	---	---	---	---	---	0.000
2.60	82,333	61.60	---	---	---	---	0.00	---	---	---	---	---	0.000
2.70	87,489	61.70	---	---	---	---	0.00	---	---	---	---	---	0.000

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Detention Pond

Stage / Storage / Discharge Table

Stage ft	Storage cuft	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PrfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	User cfs	Total cfs
2.80	92,645	61.80	---	---	---	---	0.00	---	---	---	---	---	0.000
2.90	97,801	61.90	---	---	---	---	0.00	---	---	---	---	---	0.000
3.00	102,956	62.00	---	---	---	---	0.00	---	---	---	---	---	0.000
3.10	108,695	62.10	---	---	---	---	0.00	---	---	---	---	---	0.000
3.20	114,434	62.20	---	---	---	---	0.00	---	---	---	---	---	0.000
3.30	120,173	62.30	---	---	---	---	0.00	---	---	---	---	---	0.000
3.40	125,912	62.40	---	---	---	---	0.00	---	---	---	---	---	0.000
3.50	131,650	62.50	---	---	---	---	0.00	---	---	---	---	---	0.000
3.60	137,389	62.60	---	---	---	---	0.00	---	---	---	---	---	0.000
3.70	143,128	62.70	---	---	---	---	0.00	---	---	---	---	---	0.000
3.80	148,867	62.80	---	---	---	---	0.00	---	---	---	---	---	0.000
3.90	154,606	62.90	---	---	---	---	0.00	---	---	---	---	---	0.000
4.00	160,344	63.00	---	---	---	---	0.00	---	---	---	---	---	0.000
4.10	166,676	63.10	---	---	---	---	0.00	---	---	---	---	---	0.000
4.20	173,008	63.20	---	---	---	---	0.00	---	---	---	---	---	0.000
4.30	179,340	63.30	---	---	---	---	2.47	---	---	---	---	---	2.467
4.40	185,672	63.40	---	---	---	---	6.98	---	---	---	---	---	6.976
4.50	192,004	63.50	---	---	---	---	12.82	---	---	---	---	---	12.82
4.60	198,336	63.60	---	---	---	---	19.73	---	---	---	---	---	19.73
4.70	204,667	63.70	---	---	---	---	27.58	---	---	---	---	---	27.58
4.80	210,999	63.80	---	---	---	---	36.25	---	---	---	---	---	36.25
4.90	217,331	63.90	---	---	---	---	45.68	---	---	---	---	---	45.68
5.00	223,663	64.00	---	---	---	---	55.81	---	---	---	---	---	55.81

...End

Hydrograph Summary Report

Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2009 by Autodesk, Inc. v6.066

Hyd. No.	Hydrograph type (origin)	Peak flow (cfs)	Time interval (min)	Time to peak (min)	Hyd. volume (cuft)	Inflow hyd(s)	Maximum elevation (ft)	Total strge used (cuft)	Hydrograph description
1	SCS Runoff	23.03	1	495	397,003	-----	-----	-----	Developed site storm event
2	Reservoir	6.197	1	648	223,992	1	63.38	184,578	Detention pond outflow
Proposed site SCS 06-25-09 Broad crested weir					Return Period: 100 Year			Thursday, Jul 2, 2009	

Hydrograph Report

Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2009 by Autodesk, Inc. v6.066

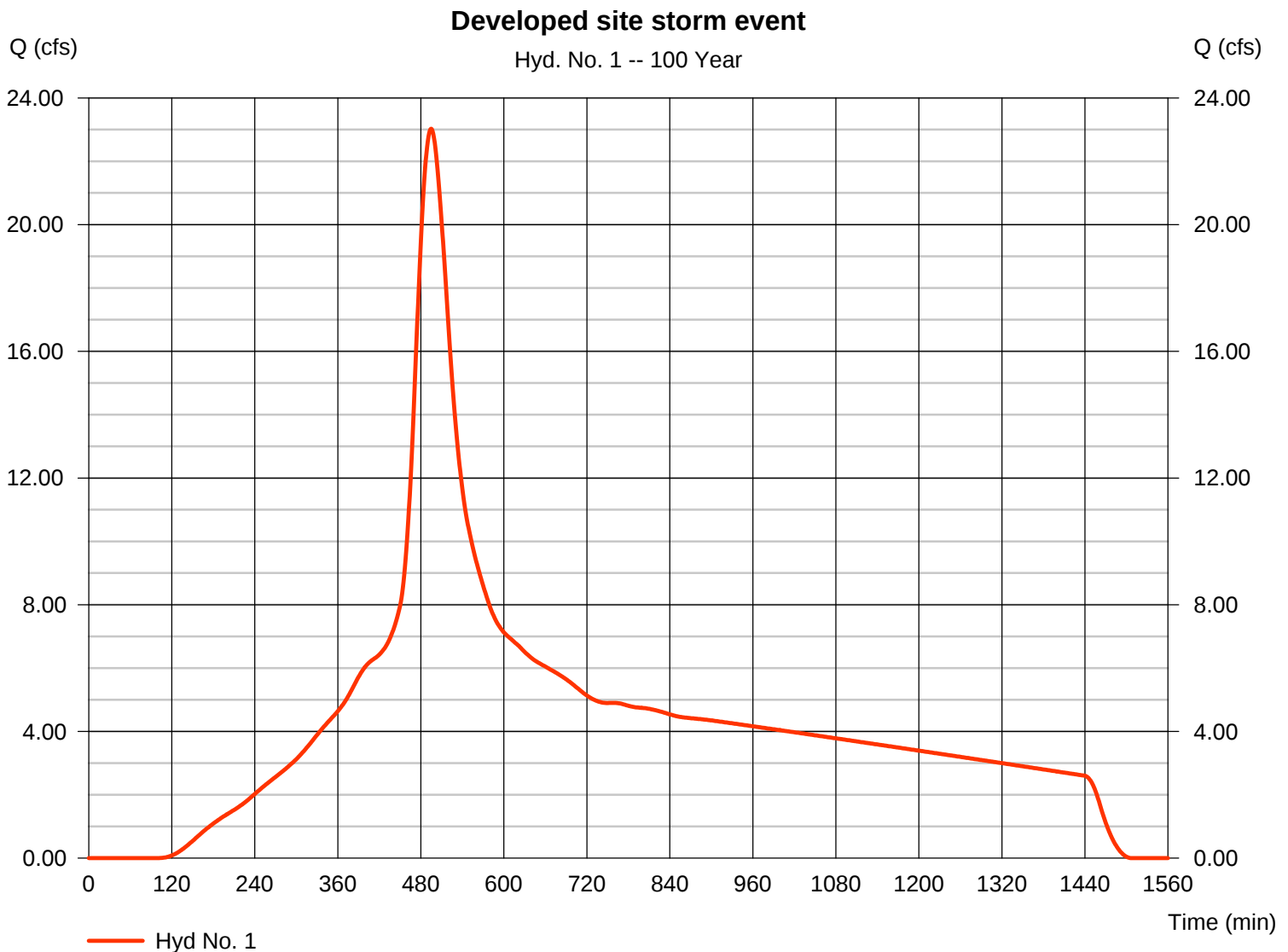
Thursday, Jul 2, 2009

Hyd. No. 1

Developed site storm event

Hydrograph type = SCS Runoff
Storm frequency = 100 yrs
Time interval = 1 min
Drainage area = 25.500 ac
Basin Slope = 0.0 %
Tc method = TR55
Total precip. = 5.30 in
Storm duration = 24 hrs

Peak discharge = 23.03 cfs
Time to peak = 495 min
Hyd. volume = 397,003 cuft
Curve number = 91
Hydraulic length = 0 ft
Time of conc. (Tc) = 34.00 min
Distribution = Type IA
Shape factor = 400



Hydrograph Report

Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2009 by Autodesk, Inc. v6.066

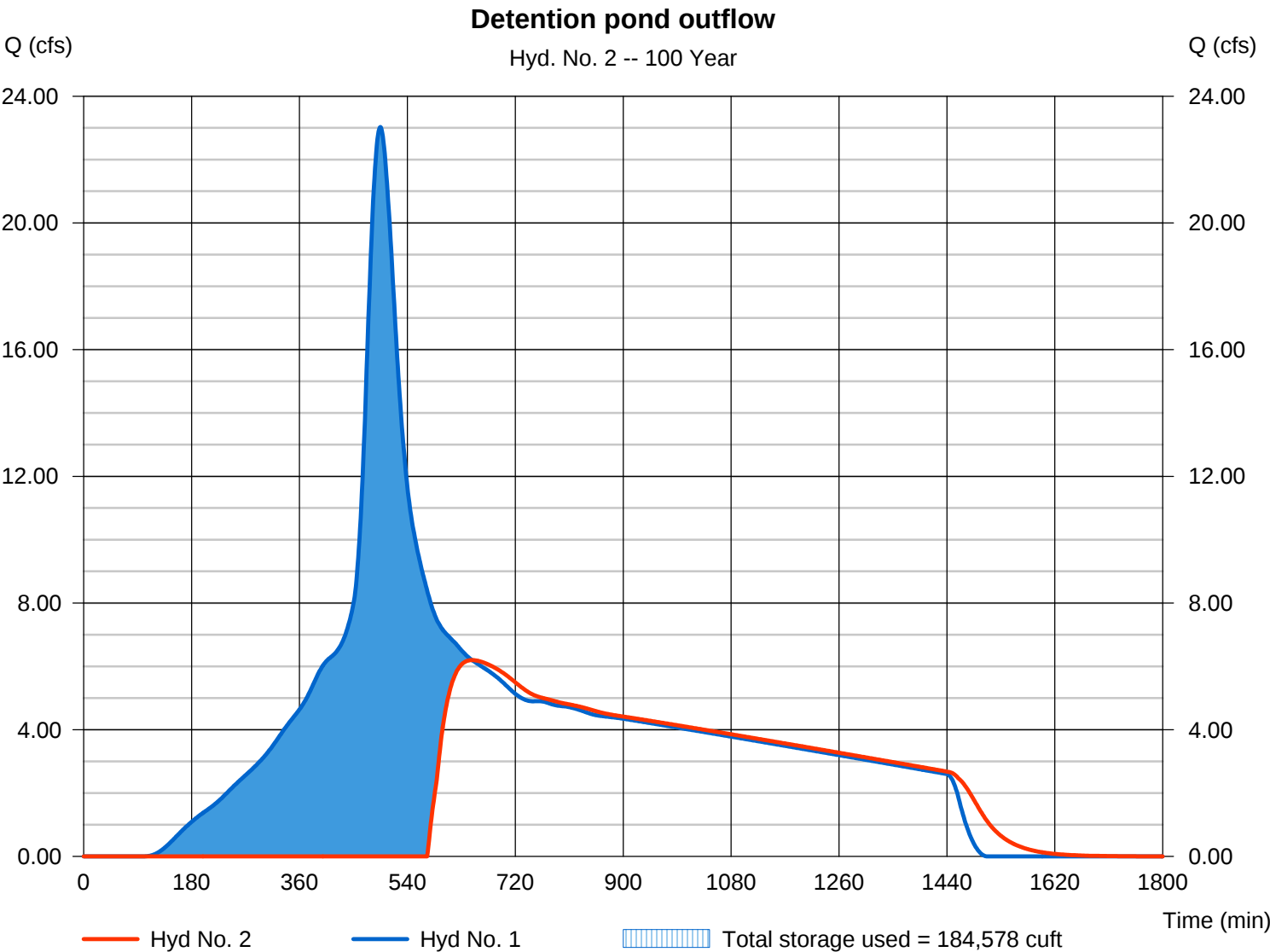
Thursday, Jul 2, 2009

Hyd. No. 2

Detention pond outflow

Hydrograph type	= Reservoir	Peak discharge	= 6.197 cfs
Storm frequency	= 100 yrs	Time to peak	= 648 min
Time interval	= 1 min	Hyd. volume	= 223,992 cuft
Inflow hyd. No.	= 1 - Developed site storm event	Max. Elevation	= 63.38 ft
Reservoir name	= Detention Pond	Max. Storage	= 184,578 cuft

Storage Indication method used.



Hydraflow Rainfall Report

Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2009 by Autodesk, Inc. v6.066

Thursday, Jul 2, 2009

Return Period (Yrs)	Intensity-Duration-Frequency Equation Coefficients (FHA)			
	B	D	E	(N/A)
1	0.0000	0.0000	0.0000	-----
2	6.1078	0.1000	0.5625	-----
3	0.0000	0.0000	0.0000	-----
5	8.7423	0.3000	0.5773	-----
10	9.7582	0.1000	0.5661	-----
25	11.5209	0.1000	0.5690	-----
50	12.8436	0.1000	0.5707	-----
100	14.8890	0.3000	0.5856	-----

File name: Vacaville_ISO_22.IDF

Intensity = B / (Tc + D)^E

Return Period (Yrs)	Intensity Values (in/hr)											
	5 min	10	15	20	25	30	35	40	45	50	55	60
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	2.44	1.66	1.33	1.13	1.00	0.90	0.83	0.77	0.72	0.68	0.64	0.61
3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5	3.34	2.27	1.81	1.54	1.35	1.22	1.12	1.03	0.97	0.91	0.86	0.82
10	3.88	2.63	2.10	1.78	1.57	1.42	1.30	1.21	1.13	1.06	1.01	0.96
25	4.56	3.09	2.46	2.09	1.84	1.66	1.52	1.41	1.32	1.24	1.18	1.12
50	5.07	3.43	2.73	2.32	2.04	1.84	1.69	1.56	1.46	1.38	1.30	1.24
100	5.61	3.80	3.01	2.55	2.24	2.02	1.85	1.71	1.60	1.50	1.42	1.35

Tc = time in minutes. Values may exceed 60.

Precip. file name: Sample.pcp

Storm Distribution	Rainfall Precipitation Table (in)							
	1-yr	2-yr	3-yr	5-yr	10-yr	25-yr	50-yr	100-yr
SCS 24-hour	0.00	2.39	0.00	3.20	3.74	4.39	4.85	5.30
SCS 6-Hr	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Huff-1st	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Huff-2nd	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Huff-3rd	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Huff-4th	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Huff-Indy	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Custom	0.00	2.39	0.00	3.20	3.74	4.39	4.85	5.30

Hydrograph Report

Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2009 by Autodesk, Inc. v6.066

Thursday, Jul 2, 2009

Hyd. No. 1

Developed site storm event

Hydrograph type	=	SCS Runoff	Peak discharge	=	14.81 cfs
Storm frequency	=	10 yrs	Time to peak	=	495 min
Time interval	=	1 min	Hyd. volume	=	257,225 cuft
Drainage area	=	25.500 ac	Curve number	=	91
Basin Slope	=	0.0 %	Hydraulic length	=	0 ft
Tc method	=	TR55	Time of conc. (Tc)	=	34.0 min
Total precip.	=	3.74 in	Distribution	=	Type IA
Storm duration	=	24 hrs	Shape factor	=	400

Hydrograph Discharge Table

(Printed values >= 1.00% of Qp.)

Time -- Outflow (min cfs)	Time -- Outflow (min cfs)	Time -- Outflow (min cfs)	Time -- Outflow (min cfs)
165 0.148	204 0.526	243 0.938	282 1.390
166 0.157	205 0.535	244 0.950	283 1.403
167 0.166	206 0.544	245 0.962	284 1.415
168 0.175	207 0.553	246 0.974	285 1.427
169 0.184	208 0.563	247 0.986	286 1.439
170 0.193	209 0.572	248 0.998	287 1.452
171 0.202	210 0.581	249 1.009	288 1.464
172 0.212	211 0.591	250 1.021	289 1.477
173 0.221	212 0.600	251 1.033	290 1.490
174 0.231	213 0.610	252 1.045	291 1.503
175 0.241	214 0.619	253 1.056	292 1.516
176 0.251	215 0.629	254 1.068	293 1.529
177 0.260	216 0.639	255 1.079	294 1.542
178 0.270	217 0.649	256 1.091	295 1.555
179 0.280	218 0.659	257 1.103	296 1.569
180 0.291	219 0.669	258 1.114	297 1.582
181 0.301	220 0.679	259 1.125	298 1.596
182 0.311	221 0.689	260 1.137	299 1.610
183 0.321	222 0.699	261 1.148	300 1.624
184 0.331	223 0.710	262 1.159	301 1.638
185 0.341	224 0.720	263 1.171	302 1.652
186 0.351	225 0.731	264 1.182	303 1.667
187 0.361	226 0.742	265 1.193	304 1.682
188 0.371	227 0.753	266 1.205	305 1.696
189 0.382	228 0.764	267 1.216	306 1.712
190 0.392	229 0.775	268 1.227	307 1.727
191 0.401	230 0.786	269 1.239	308 1.742
192 0.411	231 0.797	270 1.250	309 1.758
193 0.421	232 0.809	271 1.262	310 1.774
194 0.431	233 0.821	272 1.273	311 1.790
195 0.441	234 0.832	273 1.285	312 1.806
196 0.450	235 0.844	274 1.296	313 1.822
197 0.460	236 0.855	275 1.308	314 1.839
198 0.469	237 0.867	276 1.319	315 1.856
199 0.479	238 0.879	277 1.331	316 1.873
200 0.488	239 0.891	278 1.343	317 1.890
201 0.498	240 0.903	279 1.355	318 1.907
202 0.507	241 0.915	280 1.367	319 1.924
203 0.516	242 0.927	281 1.378	320 1.941

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Hydrograph Discharge Table

Time -- Outflow (min cfs)	Time -- Outflow (min cfs)	Time -- Outflow (min cfs)	Time -- Outflow (min cfs)
321	1.959	377	2.995
322	1.977	378	3.021
323	1.994	379	3.048
324	2.012	380	3.074
325	2.030	381	3.101
326	2.048	382	3.129
327	2.066	383	3.156
328	2.084	384	3.183
329	2.102	385	3.210
330	2.120	386	3.238
331	2.138	387	3.265
332	2.155	388	3.292
333	2.173	389	3.318
334	2.191	390	3.345
335	2.208	391	3.371
336	2.226	392	3.397
337	2.243	393	3.422
338	2.260	394	3.446
339	2.277	395	3.469
340	2.294	396	3.492
341	2.311	397	3.513
342	2.328	398	3.534
343	2.345	399	3.555
344	2.361	400	3.574
345	2.378	401	3.593
346	2.394	402	3.610
347	2.411	403	3.628
348	2.427	404	3.644
349	2.443	405	3.659
350	2.460	406	3.674
351	2.476	407	3.689
352	2.492	408	3.702
353	2.508	409	3.715
354	2.525	410	3.727
355	2.542	411	3.739
356	2.559	412	3.751
357	2.576	413	3.763
358	2.593	414	3.776
359	2.610	415	3.788
360	2.628	416	3.802
361	2.646	417	3.815
362	2.664	418	3.830
363	2.683	419	3.845
364	2.702	420	3.860
365	2.721	421	3.877
366	2.742	422	3.894
367	2.762	423	3.911
368	2.783	424	3.930
369	2.805	425	3.950
370	2.827	426	3.971
371	2.850	427	3.992
372	2.873	428	4.015
373	2.896	429	4.039
374	2.920	430	4.064
375	2.945	431	4.091
376	2.970	432	4.118
		433	4.148
		434	4.178
		435	4.211
		436	4.245
		437	4.280
		438	4.317
		439	4.356
		440	4.396
		441	4.438
		442	4.482
		443	4.528
		444	4.576
		445	4.625
		446	4.676
		447	4.730
		448	4.785
		449	4.843
		450	4.902
		451	4.973
		452	5.057
		453	5.154
		454	5.264
		455	5.388
		456	5.526
		457	5.678
		458	5.844
		459	6.025
		460	6.220
		461	6.430
		462	6.654
		463	6.894
		464	7.147
		465	7.416
		466	7.699
		467	7.997
		468	8.309
		469	8.635
		470	8.976
		471	9.330
		472	9.683
		473	10.03
		474	10.38
		475	10.73
		476	11.07
		477	11.40
		478	11.73
		479	12.05
		480	12.36
		481	12.65
		482	12.93
		483	13.20
		484	13.44
		485	13.67
		486	13.88
		487	14.06
		488	14.23
		489	14.38
		490	14.50
		491	14.61
		492	14.69
		493	14.75
		494	14.79
		495	14.81 <<
		496	14.80
		497	14.78
		498	14.73
		499	14.66
		500	14.57
		501	14.46
		502	14.34
		503	14.21
		504	14.07
		505	13.92
		506	13.76
		507	13.59
		508	13.41
		509	13.23
		510	13.04
		511	12.84
		512	12.64
		513	12.44
		514	12.23
		515	12.02
		516	11.81
		517	11.59
		518	11.37
		519	11.15
		520	10.94
		521	10.73
		522	10.52
		523	10.32
		524	10.12
		525	9.930
		526	9.743
		527	9.561
		528	9.386
		529	9.217
		530	9.054
		531	8.898
		532	8.744
		533	8.595
		534	8.451
		535	8.312
		536	8.178
		537	8.049
		538	7.926
		539	7.808
		540	7.695
		541	7.586
		542	7.482
		543	7.384
		544	7.291

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Hydrograph Discharge Table

Time -- Outflow (min cfs)	Time -- Outflow (min cfs)	Time -- Outflow (min cfs)	Time -- Outflow (min cfs)
545	7.203	601	4.749
546	7.120	602	4.735
547	7.043	603	4.721
548	6.970	604	4.708
549	6.899	605	4.695
550	6.831	606	4.682
551	6.764	607	4.670
552	6.698	608	4.657
553	6.634	609	4.644
554	6.572	610	4.632
555	6.510	611	4.619
556	6.450	612	4.607
557	6.392	613	4.594
558	6.334	614	4.582
559	6.277	615	4.570
560	6.221	616	4.558
561	6.166	617	4.545
562	6.114	618	4.533
563	6.062	619	4.521
564	6.012	620	4.509
565	5.962	621	4.497
566	5.913	622	4.482
567	5.865	623	4.467
568	5.817	624	4.452
569	5.770	625	4.437
570	5.723	626	4.423
571	5.675	627	4.408
572	5.628	628	4.394
573	5.582	629	4.380
574	5.536	630	4.366
575	5.491	631	4.352
576	5.447	632	4.339
577	5.403	633	4.326
578	5.360	634	4.313
579	5.320	635	4.300
580	5.280	636	4.288
581	5.242	637	4.276
582	5.206	638	4.265
583	5.170	639	4.253
584	5.136	640	4.241
585	5.104	641	4.230
586	5.072	642	4.219
587	5.042	643	4.208
588	5.013	644	4.198
589	4.986	645	4.188
590	4.959	646	4.179
591	4.934	647	4.170
592	4.912	648	4.161
593	4.892	649	4.153
594	4.872	650	4.144
595	4.852	651	4.137
596	4.833	652	4.129
597	4.815	653	4.121
598	4.797	654	4.113
599	4.780	655	4.105
600	4.763	656	4.097
		657	4.090
		658	4.082
		659	4.074
		660	4.066
		661	4.058
		662	4.050
		663	4.042
		664	4.033
		665	4.025
		666	4.017
		667	4.009
		668	4.000
		669	3.993
		670	3.985
		671	3.977
		672	3.970
		673	3.962
		674	3.954
		675	3.945
		676	3.937
		677	3.929
		678	3.920
		679	3.912
		680	3.903
		681	3.894
		682	3.885
		683	3.876
		684	3.866
		685	3.857
		686	3.848
		687	3.838
		688	3.828
		689	3.818
		690	3.808
		691	3.798
		692	3.788
		693	3.777
		694	3.766
		695	3.755
		696	3.744
		697	3.733
		698	3.721
		699	3.709
		700	3.698
		701	3.686
		702	3.674
		703	3.662
		704	3.651
		705	3.639
		706	3.627
		707	3.615
		708	3.603
		709	3.591
		710	3.579
		711	3.567
		712	3.555
		713	3.544
		714	3.532
		715	3.521
		716	3.510
		717	3.500
		718	3.489
		719	3.479
		720	3.469
		721	3.459
		722	3.449
		723	3.440
		724	3.431
		725	3.422
		726	3.414
		727	3.405
		728	3.398
		729	3.390
		730	3.383
		731	3.376
		732	3.369
		733	3.363
		734	3.357
		735	3.352
		736	3.347
		737	3.342
		738	3.337
		739	3.333
		740	3.330
		741	3.326
		742	3.324
		743	3.321
		744	3.319
		745	3.317
		746	3.316
		747	3.315
		748	3.315
		749	3.315
		750	3.315
		751	3.315
		752	3.316
		753	3.317
		754	3.317
		755	3.318
		756	3.318
		757	3.319
		758	3.319
		759	3.319
		760	3.319
		761	3.319
		762	3.318
		763	3.318
		764	3.317
		765	3.315
		766	3.314
		767	3.312
		768	3.309

Continues on next page...

Hydrograph Discharge Table

Time -- Outflow (min cfs)	Time -- Outflow (min cfs)	Time -- Outflow (min cfs)	Time -- Outflow (min cfs)
769	3.306	825	3.151
770	3.303	826	3.147
771	3.299	827	3.143
772	3.295	828	3.139
773	3.291	829	3.135
774	3.286	830	3.130
775	3.282	831	3.126
776	3.278	832	3.122
777	3.274	833	3.117
778	3.270	834	3.113
779	3.266	835	3.109
780	3.262	836	3.104
781	3.258	837	3.100
782	3.254	838	3.095
783	3.251	839	3.091
784	3.247	840	3.087
785	3.244	841	3.082
786	3.242	842	3.078
787	3.239	843	3.074
788	3.236	844	3.070
789	3.234	845	3.066
790	3.232	846	3.062
791	3.230	847	3.058
792	3.228	848	3.054
793	3.227	849	3.051
794	3.225	850	3.048
795	3.224	851	3.044
796	3.223	852	3.041
797	3.222	853	3.039
798	3.221	854	3.036
799	3.220	855	3.034
800	3.219	856	3.031
801	3.218	857	3.029
802	3.217	858	3.027
803	3.216	859	3.025
804	3.214	860	3.024
805	3.212	861	3.022
806	3.210	862	3.020
807	3.208	863	3.019
808	3.206	864	3.017
809	3.203	865	3.016
810	3.201	866	3.014
811	3.198	867	3.013
812	3.195	868	3.011
813	3.192	869	3.010
814	3.189	870	3.009
815	3.186	871	3.007
816	3.183	872	3.006
817	3.180	873	3.005
818	3.176	874	3.003
819	3.173	875	3.002
820	3.170	876	3.001
821	3.166	877	2.999
822	3.163	878	2.998
823	3.159	879	2.997
824	3.155	880	2.995
		881	2.994
		882	2.993
		883	2.991
		884	2.990
		885	2.988
		886	2.987
		887	2.986
		888	2.984
		889	2.983
		890	2.981
		891	2.980
		892	2.978
		893	2.976
		894	2.975
		895	2.973
		896	2.971
		897	2.970
		898	2.968
		899	2.966
		900	2.964
		901	2.962
		902	2.961
		903	2.959
		904	2.957
		905	2.955
		906	2.953
		907	2.951
		908	2.949
		909	2.947
		910	2.945
		911	2.943
		912	2.941
		913	2.939
		914	2.937
		915	2.935
		916	2.933
		917	2.931
		918	2.929
		919	2.927
		920	2.925
		921	2.923
		922	2.921
		923	2.919
		924	2.917
		925	2.915
		926	2.913
		927	2.911
		928	2.909
		929	2.907
		930	2.905
		931	2.903
		932	2.901
		933	2.899
		934	2.897
		935	2.895
		936	2.893
		937	2.891
		938	2.889
		939	2.887
		940	2.885
		941	2.883
		942	2.881
		943	2.879
		944	2.877
		945	2.874
		946	2.872
		947	2.870
		948	2.868
		949	2.866
		950	2.864
		951	2.862
		952	2.860
		953	2.858
		954	2.856
		955	2.854
		956	2.852
		957	2.850
		958	2.848
		959	2.846
		960	2.844
		961	2.842
		962	2.840
		963	2.838
		964	2.836
		965	2.834
		966	2.832
		967	2.830
		968	2.828
		969	2.825
		970	2.823
		971	2.821
		972	2.819
		973	2.817
		974	2.815
		975	2.813
		976	2.811
		977	2.809
		978	2.807
		979	2.805
		980	2.803
		981	2.801
		982	2.799
		983	2.797
		984	2.795
		985	2.793
		986	2.790
		987	2.788
		988	2.786
		989	2.784
		990	2.782
		991	2.780
		992	2.778

Continues on next page...

Hydrograph Discharge Table

Time -- Outflow (min cfs)	Time -- Outflow (min cfs)	Time -- Outflow (min cfs)	Time -- Outflow (min cfs)
993	2.776	1049	2.659
994	2.774	1050	2.657
995	2.772	1051	2.654
996	2.770	1052	2.652
997	2.768	1053	2.650
998	2.766	1054	2.648
999	2.764	1055	2.646
1000	2.761	1056	2.644
1001	2.759	1057	2.642
1002	2.757	1058	2.640
1003	2.755	1059	2.637
1004	2.753	1060	2.635
1005	2.751	1061	2.633
1006	2.749	1062	2.631
1007	2.747	1063	2.629
1008	2.745	1064	2.627
1009	2.743	1065	2.625
1010	2.741	1066	2.623
1011	2.739	1067	2.620
1012	2.736	1068	2.618
1013	2.734	1069	2.616
1014	2.732	1070	2.614
1015	2.730	1071	2.612
1016	2.728	1072	2.610
1017	2.726	1073	2.608
1018	2.724	1074	2.606
1019	2.722	1075	2.603
1020	2.720	1076	2.601
1021	2.718	1077	2.599
1022	2.716	1078	2.597
1023	2.713	1079	2.595
1024	2.711	1080	2.593
1025	2.709	1081	2.591
1026	2.707	1082	2.588
1027	2.705	1083	2.586
1028	2.703	1084	2.584
1029	2.701	1085	2.582
1030	2.699	1086	2.580
1031	2.697	1087	2.578
1032	2.695	1088	2.576
1033	2.692	1089	2.574
1034	2.690	1090	2.571
1035	2.688	1091	2.569
1036	2.686	1092	2.567
1037	2.684	1093	2.565
1038	2.682	1094	2.563
1039	2.680	1095	2.561
1040	2.678	1096	2.559
1041	2.676	1097	2.556
1042	2.673	1098	2.554
1043	2.671	1099	2.552
1044	2.669	1100	2.550
1045	2.667	1101	2.548
1046	2.665	1102	2.546
1047	2.663	1103	2.543
1048	2.661	1104	2.541
		1105	2.539
		1106	2.537
		1107	2.535
		1108	2.533
		1109	2.531
		1110	2.528
		1111	2.526
		1112	2.524
		1113	2.522
		1114	2.520
		1115	2.518
		1116	2.515
		1117	2.513
		1118	2.511
		1119	2.509
		1120	2.507
		1121	2.505
		1122	2.503
		1123	2.500
		1124	2.498
		1125	2.496
		1126	2.494
		1127	2.492
		1128	2.490
		1129	2.487
		1130	2.485
		1131	2.483
		1132	2.481
		1133	2.479
		1134	2.477
		1135	2.474
		1136	2.472
		1137	2.470
		1138	2.468
		1139	2.466
		1140	2.464
		1141	2.461
		1142	2.459
		1143	2.457
		1144	2.455
		1145	2.453
		1146	2.451
		1147	2.448
		1148	2.446
		1149	2.444
		1150	2.442
		1151	2.440
		1152	2.437
		1153	2.435
		1154	2.433
		1155	2.431
		1156	2.429
		1157	2.427
		1158	2.424
		1159	2.422
		1160	2.420
		1161	2.418
		1162	2.416
		1163	2.414
		1164	2.411
		1165	2.409
		1166	2.407
		1167	2.405
		1168	2.403
		1169	2.400
		1170	2.398
		1171	2.396
		1172	2.394
		1173	2.392
		1174	2.389
		1175	2.387
		1176	2.385
		1177	2.383
		1178	2.381
		1179	2.379
		1180	2.376
		1181	2.374
		1182	2.372
		1183	2.370
		1184	2.368
		1185	2.365
		1186	2.363
		1187	2.361
		1188	2.359
		1189	2.357
		1190	2.354
		1191	2.352
		1192	2.350
		1193	2.348
		1194	2.346
		1195	2.343
		1196	2.341
		1197	2.339
		1198	2.337
		1199	2.335
		1200	2.332
		1201	2.330
		1202	2.328
		1203	2.326
		1204	2.324
		1205	2.321
		1206	2.319
		1207	2.317
		1208	2.315
		1209	2.313
		1210	2.310
		1211	2.308
		1212	2.306
		1213	2.304
		1214	2.302
		1215	2.299
		1216	2.297

Continues on next page...

Hydrograph Discharge Table

Time -- Outflow (min cfs)	Time -- Outflow (min cfs)	Time -- Outflow (min cfs)	Time -- Outflow (min cfs)
1217	2.295	1273	2.171
1218	2.293	1274	2.169
1219	2.291	1275	2.166
1220	2.288	1276	2.164
1221	2.286	1277	2.162
1222	2.284	1278	2.160
1223	2.282	1279	2.157
1224	2.280	1280	2.155
1225	2.277	1281	2.153
1226	2.275	1282	2.151
1227	2.273	1283	2.149
1228	2.271	1284	2.146
1229	2.269	1285	2.144
1230	2.266	1286	2.142
1231	2.264	1287	2.140
1232	2.262	1288	2.137
1233	2.260	1289	2.135
1234	2.257	1290	2.133
1235	2.255	1291	2.131
1236	2.253	1292	2.128
1237	2.251	1293	2.126
1238	2.249	1294	2.124
1239	2.246	1295	2.122
1240	2.244	1296	2.120
1241	2.242	1297	2.117
1242	2.240	1298	2.115
1243	2.238	1299	2.113
1244	2.235	1300	2.111
1245	2.233	1301	2.108
1246	2.231	1302	2.106
1247	2.229	1303	2.104
1248	2.226	1304	2.102
1249	2.224	1305	2.099
1250	2.222	1306	2.097
1251	2.220	1307	2.095
1252	2.218	1308	2.093
1253	2.215	1309	2.090
1254	2.213	1310	2.088
1255	2.211	1311	2.086
1256	2.209	1312	2.084
1257	2.206	1313	2.081
1258	2.204	1314	2.079
1259	2.202	1315	2.077
1260	2.200	1316	2.075
1261	2.198	1317	2.072
1262	2.195	1318	2.070
1263	2.193	1319	2.068
1264	2.191	1320	2.066
1265	2.189	1321	2.063
1266	2.186	1322	2.061
1267	2.184	1323	2.059
1268	2.182	1324	2.057
1269	2.180	1325	2.055
1270	2.178	1326	2.052
1271	2.175	1327	2.050
1272	2.173	1328	2.048
		1329	2.046
		1330	2.043
		1331	2.041
		1332	2.039
		1333	2.037
		1334	2.034
		1335	2.032
		1336	2.030
		1337	2.028
		1338	2.025
		1339	2.023
		1340	2.021
		1341	2.019
		1342	2.016
		1343	2.014
		1344	2.012
		1345	2.010
		1346	2.007
		1347	2.005
		1348	2.003
		1349	2.001
		1350	1.998
		1351	1.996
		1352	1.994
		1353	1.992
		1354	1.989
		1355	1.987
		1356	1.985
		1357	1.982
		1358	1.980
		1359	1.978
		1360	1.976
		1361	1.973
		1362	1.971
		1363	1.969
		1364	1.967
		1365	1.964
		1366	1.962
		1367	1.960
		1368	1.958
		1369	1.955
		1370	1.953
		1371	1.951
		1372	1.949
		1373	1.946
		1374	1.944
		1375	1.942
		1376	1.940
		1377	1.937
		1378	1.935
		1379	1.933
		1380	1.931
		1381	1.928
		1382	1.926
		1383	1.924
		1384	1.921
		1385	1.919
		1386	1.917
		1387	1.915
		1388	1.912
		1389	1.910
		1390	1.908
		1391	1.906
		1392	1.903
		1393	1.901
		1394	1.899
		1395	1.897
		1396	1.894
		1397	1.892
		1398	1.890
		1399	1.888
		1400	1.885
		1401	1.883
		1402	1.881
		1403	1.878
		1404	1.876
		1405	1.874
		1406	1.872
		1407	1.869
		1408	1.867
		1409	1.865
		1410	1.863
		1411	1.860
		1412	1.858
		1413	1.856
		1414	1.853
		1415	1.851
		1416	1.849
		1417	1.847
		1418	1.844
		1419	1.842
		1420	1.840
		1421	1.838
		1422	1.835
		1423	1.833
		1424	1.831
		1425	1.828
		1426	1.826
		1427	1.824
		1428	1.822
		1429	1.819
		1430	1.817
		1431	1.815
		1432	1.813
		1433	1.810
		1434	1.808
		1435	1.806
		1436	1.803
		1437	1.801
		1438	1.799
		1439	1.797
		1440	1.794

Continues on next page...

Hydrograph Discharge Table

**Time -- Outflow
(min cfs)**

1441	1.790
1442	1.783
1443	1.773
1444	1.761
1445	1.747
1446	1.730
1447	1.711
1448	1.689
1449	1.665
1450	1.639
1451	1.610
1452	1.579
1453	1.546
1454	1.510
1455	1.472
1456	1.431
1457	1.388
1458	1.343
1459	1.295
1460	1.245
1461	1.193
1462	1.142
1463	1.091
1464	1.042
1465	0.995
1466	0.948
1467	0.902
1468	0.858
1469	0.815
1470	0.773
1471	0.732
1472	0.692
1473	0.653
1474	0.616
1475	0.579
1476	0.544
1477	0.510
1478	0.476
1479	0.445
1480	0.414
1481	0.384
1482	0.355
1483	0.328
1484	0.302
1485	0.276
1486	0.252
1487	0.229
1488	0.207
1489	0.186
1490	0.167
1491	0.148

...End

Hydrograph Report

Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2009 by Autodesk, Inc. v6.066

Thursday, Jul 2, 2009

Hyd. No. 2

Detention pond outflow

Hydrograph type	= Reservoir	Peak discharge	= 2.990 cfs
Storm frequency	= 10 yrs	Time to peak	= 884 min
Time interval	= 1 min	Hyd. volume	= 114,093 cuft
Inflow hyd. No.	= 1 - Developed site storm event	Reservoir name	= Detention Pond
Max. Elevation	= 62.87 ft	Max. Storage	= 152,824 cuft

Storage Indication method used.

Hydrograph Discharge Table

(Printed values >= 1.00% of Qp.)

Time (min)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
725	3.422	62.70	0.046	----	----	----	0.046	----	----	----	----	0.046
726	3.414	62.71	0.092	----	----	----	0.092	----	----	----	----	0.092
727	3.405	62.71	0.138	----	----	----	0.138	----	----	----	----	0.138
728	3.398	62.71	0.183	----	----	----	0.182	----	----	----	----	0.182
729	3.390	62.72	0.227	----	----	----	0.226	----	----	----	----	0.226
730	3.383	62.72	0.270	----	----	----	0.270	----	----	----	----	0.270
731	3.376	62.72	0.313	----	----	----	0.313	----	----	----	----	0.313
732	3.369	62.73	0.355	----	----	----	0.355	----	----	----	----	0.355
733	3.363	62.73	0.397	----	----	----	0.396	----	----	----	----	0.396
734	3.357	62.73	0.437	----	----	----	0.437	----	----	----	----	0.437
735	3.352	62.74	0.478	----	----	----	0.477	----	----	----	----	0.477
736	3.347	62.74	0.517	----	----	----	0.516	----	----	----	----	0.516
737	3.342	62.74	0.556	----	----	----	0.555	----	----	----	----	0.555
738	3.337	62.74	0.594	----	----	----	0.593	----	----	----	----	0.593
739	3.333	62.75	0.632	----	----	----	0.631	----	----	----	----	0.631
740	3.330	62.75	0.669	----	----	----	0.668	----	----	----	----	0.668
741	3.326	62.75	0.706	----	----	----	0.704	----	----	----	----	0.704
742	3.324	62.76	0.742	----	----	----	0.740	----	----	----	----	0.740
743	3.321	62.76	0.777	----	----	----	0.776	----	----	----	----	0.776
744	3.319	62.76	0.812	----	----	----	0.811	----	----	----	----	0.811
745	3.317	62.76	0.847	----	----	----	0.845	----	----	----	----	0.845
746	3.316	62.77	0.881	----	----	----	0.879	----	----	----	----	0.879
747	3.315	62.77	0.914	----	----	----	0.913	----	----	----	----	0.913
748	3.315	62.77	0.947	----	----	----	0.946	----	----	----	----	0.946
749	3.315	62.77	0.980	----	----	----	0.978	----	----	----	----	0.978
750	3.315	62.78	1.012	----	----	----	1.010	----	----	----	----	1.010
751	3.315	62.78	1.044	----	----	----	1.042	----	----	----	----	1.042
752	3.316	62.78	1.075	----	----	----	1.073	----	----	----	----	1.073
753	3.317	62.78	1.106	----	----	----	1.104	----	----	----	----	1.104
754	3.317	62.79	1.137	----	----	----	1.134	----	----	----	----	1.134
755	3.318	62.79	1.167	----	----	----	1.164	----	----	----	----	1.164
756	3.318	62.79	1.196	----	----	----	1.194	----	----	----	----	1.194
757	3.319	62.79	1.225	----	----	----	1.223	----	----	----	----	1.223
758	3.319	62.79	1.254	----	----	----	1.252	----	----	----	----	1.252
759	3.319	62.80	1.283	----	----	----	1.280	----	----	----	----	1.280
760	3.319	62.80	1.311	----	----	----	1.308	----	----	----	----	1.308
761	3.319	62.80	1.349	----	----	----	1.347	----	----	----	----	1.347
762	3.318	62.80	1.399	----	----	----	1.396	----	----	----	----	1.396
763	3.318	62.81	1.447	----	----	----	1.444	----	----	----	----	1.444
764	3.317	62.81	1.493	----	----	----	1.491	----	----	----	----	1.491
765	3.315	62.81	1.539	----	----	----	1.536	----	----	----	----	1.536
766	3.314	62.81	1.583	----	----	----	1.581	----	----	----	----	1.581

Continues on next page...

Hydrograph Discharge Table

Time (min)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
767	3.312	62.81	1.626	----	----	----	1.624	----	----	----	----	1.624
768	3.309	62.81	1.668	----	----	----	1.666	----	----	----	----	1.666
769	3.306	62.82	1.710	----	----	----	1.707	----	----	----	----	1.707
770	3.303	62.82	1.749	----	----	----	1.747	----	----	----	----	1.747
771	3.299	62.82	1.788	----	----	----	1.786	----	----	----	----	1.786
772	3.295	62.82	1.826	----	----	----	1.823	----	----	----	----	1.823
773	3.291	62.82	1.862	----	----	----	1.860	----	----	----	----	1.860
774	3.286	62.82	1.898	----	----	----	1.896	----	----	----	----	1.896
775	3.282	62.83	1.933	----	----	----	1.930	----	----	----	----	1.930
776	3.278	62.83	1.967	----	----	----	1.964	----	----	----	----	1.964
777	3.274	62.83	1.999	----	----	----	1.997	----	----	----	----	1.997
778	3.270	62.83	2.031	----	----	----	2.029	----	----	----	----	2.029
779	3.266	62.83	2.062	----	----	----	2.060	----	----	----	----	2.060
780	3.262	62.83	2.092	----	----	----	2.090	----	----	----	----	2.090
781	3.258	62.83	2.121	----	----	----	2.119	----	----	----	----	2.119
782	3.254	62.83	2.150	----	----	----	2.147	----	----	----	----	2.147
783	3.251	62.84	2.177	----	----	----	2.175	----	----	----	----	2.175
784	3.247	62.84	2.204	----	----	----	2.202	----	----	----	----	2.202
785	3.244	62.84	2.230	----	----	----	2.228	----	----	----	----	2.228
786	3.242	62.84	2.255	----	----	----	2.253	----	----	----	----	2.253
787	3.239	62.84	2.280	----	----	----	2.278	----	----	----	----	2.278
788	3.236	62.84	2.304	----	----	----	2.302	----	----	----	----	2.302
789	3.234	62.84	2.327	----	----	----	2.325	----	----	----	----	2.325
790	3.232	62.84	2.350	----	----	----	2.348	----	----	----	----	2.348
791	3.230	62.84	2.372	----	----	----	2.370	----	----	----	----	2.370
792	3.228	62.84	2.393	----	----	----	2.391	----	----	----	----	2.391
793	3.227	62.85	2.414	----	----	----	2.412	----	----	----	----	2.412
794	3.225	62.85	2.435	----	----	----	2.432	----	----	----	----	2.432
795	3.224	62.85	2.454	----	----	----	2.452	----	----	----	----	2.452
796	3.223	62.85	2.474	----	----	----	2.471	----	----	----	----	2.471
797	3.222	62.85	2.492	----	----	----	2.490	----	----	----	----	2.490
798	3.221	62.85	2.511	----	----	----	2.508	----	----	----	----	2.508
799	3.220	62.85	2.528	----	----	----	2.526	----	----	----	----	2.526
800	3.219	62.85	2.546	----	----	----	2.544	----	----	----	----	2.544
801	3.218	62.85	2.563	----	----	----	2.560	----	----	----	----	2.560
802	3.217	62.85	2.579	----	----	----	2.577	----	----	----	----	2.577
803	3.216	62.85	2.595	----	----	----	2.593	----	----	----	----	2.593
804	3.214	62.85	2.610	----	----	----	2.608	----	----	----	----	2.608
805	3.212	62.85	2.626	----	----	----	2.623	----	----	----	----	2.623
806	3.210	62.85	2.640	----	----	----	2.638	----	----	----	----	2.638
807	3.208	62.85	2.654	----	----	----	2.652	----	----	----	----	2.652
808	3.206	62.86	2.668	----	----	----	2.666	----	----	----	----	2.666
809	3.203	62.86	2.682	----	----	----	2.680	----	----	----	----	2.680
810	3.201	62.86	2.695	----	----	----	2.693	----	----	----	----	2.693
811	3.198	62.86	2.707	----	----	----	2.705	----	----	----	----	2.705
812	3.195	62.86	2.720	----	----	----	2.718	----	----	----	----	2.718
813	3.192	62.86	2.732	----	----	----	2.729	----	----	----	----	2.729
814	3.189	62.86	2.743	----	----	----	2.741	----	----	----	----	2.741
815	3.186	62.86	2.754	----	----	----	2.752	----	----	----	----	2.752
816	3.183	62.86	2.765	----	----	----	2.763	----	----	----	----	2.763
817	3.180	62.86	2.775	----	----	----	2.773	----	----	----	----	2.773
818	3.176	62.86	2.786	----	----	----	2.783	----	----	----	----	2.783
819	3.173	62.86	2.795	----	----	----	2.793	----	----	----	----	2.793
820	3.170	62.86	2.805	----	----	----	2.803	----	----	----	----	2.803
821	3.166	62.86	2.814	----	----	----	2.812	----	----	----	----	2.812
822	3.163	62.86	2.823	----	----	----	2.821	----	----	----	----	2.821

Continues on next page...

Hydrograph Discharge Table

Time (min)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
823	3.159	62.86	2.831	----	----	----	2.829	----	----	----	----	2.829
824	3.155	62.86	2.839	----	----	----	2.837	----	----	----	----	2.837
825	3.151	62.86	2.847	----	----	----	2.845	----	----	----	----	2.845
826	3.147	62.86	2.855	----	----	----	2.853	----	----	----	----	2.853
827	3.143	62.86	2.862	----	----	----	2.860	----	----	----	----	2.860
828	3.139	62.86	2.869	----	----	----	2.867	----	----	----	----	2.867
829	3.135	62.86	2.876	----	----	----	2.874	----	----	----	----	2.874
830	3.130	62.86	2.882	----	----	----	2.880	----	----	----	----	2.880
831	3.126	62.86	2.888	----	----	----	2.886	----	----	----	----	2.886
832	3.122	62.86	2.894	----	----	----	2.892	----	----	----	----	2.892
833	3.117	62.87	2.900	----	----	----	2.898	----	----	----	----	2.898
834	3.113	62.87	2.906	----	----	----	2.903	----	----	----	----	2.903
835	3.109	62.87	2.911	----	----	----	2.909	----	----	----	----	2.909
836	3.104	62.87	2.916	----	----	----	2.914	----	----	----	----	2.914
837	3.100	62.87	2.920	----	----	----	2.918	----	----	----	----	2.918
838	3.095	62.87	2.925	----	----	----	2.923	----	----	----	----	2.923
839	3.091	62.87	2.929	----	----	----	2.927	----	----	----	----	2.927
840	3.087	62.87	2.933	----	----	----	2.931	----	----	----	----	2.931
841	3.082	62.87	2.937	----	----	----	2.935	----	----	----	----	2.935
842	3.078	62.87	2.941	----	----	----	2.939	----	----	----	----	2.939
843	3.074	62.87	2.944	----	----	----	2.942	----	----	----	----	2.942
844	3.070	62.87	2.947	----	----	----	2.945	----	----	----	----	2.945
845	3.066	62.87	2.950	----	----	----	2.948	----	----	----	----	2.948
846	3.062	62.87	2.953	----	----	----	2.951	----	----	----	----	2.951
847	3.058	62.87	2.956	----	----	----	2.954	----	----	----	----	2.954
848	3.054	62.87	2.958	----	----	----	2.956	----	----	----	----	2.956
849	3.051	62.87	2.961	----	----	----	2.959	----	----	----	----	2.959
850	3.048	62.87	2.963	----	----	----	2.961	----	----	----	----	2.961
851	3.044	62.87	2.965	----	----	----	2.963	----	----	----	----	2.963
852	3.041	62.87	2.967	----	----	----	2.965	----	----	----	----	2.965
853	3.039	62.87	2.969	----	----	----	2.967	----	----	----	----	2.967
854	3.036	62.87	2.971	----	----	----	2.969	----	----	----	----	2.969
855	3.034	62.87	2.972	----	----	----	2.970	----	----	----	----	2.970
856	3.031	62.87	2.974	----	----	----	2.972	----	----	----	----	2.972
857	3.029	62.87	2.976	----	----	----	2.973	----	----	----	----	2.973
858	3.027	62.87	2.977	----	----	----	2.975	----	----	----	----	2.975
859	3.025	62.87	2.978	----	----	----	2.976	----	----	----	----	2.976
860	3.024	62.87	2.979	----	----	----	2.977	----	----	----	----	2.977
861	3.022	62.87	2.980	----	----	----	2.978	----	----	----	----	2.978
862	3.020	62.87	2.981	----	----	----	2.979	----	----	----	----	2.980
863	3.019	62.87	2.983	----	----	----	2.981	----	----	----	----	2.981
864	3.017	62.87	2.983	----	----	----	2.981	----	----	----	----	2.981
865	3.016	62.87	2.984	----	----	----	2.982	----	----	----	----	2.982
866	3.014	62.87	2.985	----	----	----	2.983	----	----	----	----	2.983
867	3.013	62.87	2.986	----	----	----	2.984	----	----	----	----	2.984
868	3.011	62.87	2.987	----	----	----	2.985	----	----	----	----	2.985
869	3.010	62.87	2.987	----	----	----	2.985	----	----	----	----	2.985
870	3.009	62.87	2.988	----	----	----	2.986	----	----	----	----	2.986
871	3.007	62.87	2.988	----	----	----	2.986	----	----	----	----	2.986
872	3.006	62.87	2.989	----	----	----	2.987	----	----	----	----	2.987
873	3.005	62.87	2.989	----	----	----	2.987	----	----	----	----	2.987
874	3.003	62.87	2.990	----	----	----	2.988	----	----	----	----	2.988
875	3.002	62.87	2.990	----	----	----	2.988	----	----	----	----	2.988
876	3.001	62.87	2.991	----	----	----	2.989	----	----	----	----	2.989
877	2.999	62.87	2.991	----	----	----	2.989	----	----	----	----	2.989
878	2.998	62.87	2.991	----	----	----	2.989	----	----	----	----	2.989

Continues on next page...

Hydrograph Discharge Table

Time (min)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
879	2.997	62.87	2.991	----	----	----	2.989	----	----	----	----	2.989
880	2.995	62.87	2.991	----	----	----	2.989	----	----	----	----	2.989
881	2.994	62.87	2.992	----	----	----	2.990	----	----	----	----	2.990
882	2.993	62.87	2.992	----	----	----	2.990	----	----	----	----	2.990
883	2.991	62.87	2.992	----	----	----	2.990	----	----	----	----	2.990
884	2.990	62.87 <<	2.992	----	----	----	2.990	----	----	----	----	2.990 <<
885	2.988	62.87	2.992	----	----	----	2.990	----	----	----	----	2.990
886	2.987	62.87	2.992	----	----	----	2.990	----	----	----	----	2.990
887	2.986	62.87	2.992	----	----	----	2.990	----	----	----	----	2.990
888	2.984	62.87	2.991	----	----	----	2.989	----	----	----	----	2.989
889	2.983	62.87	2.991	----	----	----	2.989	----	----	----	----	2.989
890	2.981	62.87	2.991	----	----	----	2.989	----	----	----	----	2.989
891	2.980	62.87	2.991	----	----	----	2.989	----	----	----	----	2.989
892	2.978	62.87	2.991	----	----	----	2.989	----	----	----	----	2.989
893	2.976	62.87	2.990	----	----	----	2.988	----	----	----	----	2.988
894	2.975	62.87	2.990	----	----	----	2.988	----	----	----	----	2.988
895	2.973	62.87	2.990	----	----	----	2.988	----	----	----	----	2.988
896	2.971	62.87	2.989	----	----	----	2.987	----	----	----	----	2.987
897	2.970	62.87	2.989	----	----	----	2.987	----	----	----	----	2.987
898	2.968	62.87	2.988	----	----	----	2.986	----	----	----	----	2.986
899	2.966	62.87	2.988	----	----	----	2.986	----	----	----	----	2.986
900	2.964	62.87	2.987	----	----	----	2.985	----	----	----	----	2.985
901	2.962	62.87	2.987	----	----	----	2.985	----	----	----	----	2.985
902	2.961	62.87	2.986	----	----	----	2.984	----	----	----	----	2.984
903	2.959	62.87	2.986	----	----	----	2.984	----	----	----	----	2.984
904	2.957	62.87	2.985	----	----	----	2.983	----	----	----	----	2.983
905	2.955	62.87	2.984	----	----	----	2.982	----	----	----	----	2.982
906	2.953	62.87	2.984	----	----	----	2.982	----	----	----	----	2.982
907	2.951	62.87	2.983	----	----	----	2.981	----	----	----	----	2.981
908	2.949	62.87	2.982	----	----	----	2.980	----	----	----	----	2.980
909	2.947	62.87	2.981	----	----	----	2.979	----	----	----	----	2.979
910	2.945	62.87	2.980	----	----	----	2.978	----	----	----	----	2.978
911	2.943	62.87	2.980	----	----	----	2.978	----	----	----	----	2.978
912	2.941	62.87	2.979	----	----	----	2.977	----	----	----	----	2.977
913	2.939	62.87	2.978	----	----	----	2.976	----	----	----	----	2.976
914	2.937	62.87	2.977	----	----	----	2.975	----	----	----	----	2.975
915	2.935	62.87	2.976	----	----	----	2.974	----	----	----	----	2.974
916	2.933	62.87	2.975	----	----	----	2.973	----	----	----	----	2.973
917	2.931	62.87	2.974	----	----	----	2.972	----	----	----	----	2.972
918	2.929	62.87	2.973	----	----	----	2.971	----	----	----	----	2.971
919	2.927	62.87	2.972	----	----	----	2.970	----	----	----	----	2.970
920	2.925	62.87	2.971	----	----	----	2.969	----	----	----	----	2.969
921	2.923	62.87	2.970	----	----	----	2.968	----	----	----	----	2.968
922	2.921	62.87	2.968	----	----	----	2.966	----	----	----	----	2.966
923	2.919	62.87	2.967	----	----	----	2.965	----	----	----	----	2.965
924	2.917	62.87	2.966	----	----	----	2.964	----	----	----	----	2.964
925	2.915	62.87	2.965	----	----	----	2.963	----	----	----	----	2.963
926	2.913	62.87	2.964	----	----	----	2.962	----	----	----	----	2.962
927	2.911	62.87	2.962	----	----	----	2.960	----	----	----	----	2.960
928	2.909	62.87	2.961	----	----	----	2.959	----	----	----	----	2.959
929	2.907	62.87	2.960	----	----	----	2.958	----	----	----	----	2.958
930	2.905	62.87	2.959	----	----	----	2.957	----	----	----	----	2.957
931	2.903	62.87	2.957	----	----	----	2.955	----	----	----	----	2.955
932	2.901	62.87	2.956	----	----	----	2.954	----	----	----	----	2.954
933	2.899	62.87	2.955	----	----	----	2.953	----	----	----	----	2.953
934	2.897	62.87	2.953	----	----	----	2.951	----	----	----	----	2.951

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Hydrograph Discharge Table

Time (min)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
935	2.895	62.87	2.952	----	----	----	2.950	----	----	----	----	2.950
936	2.893	62.87	2.950	----	----	----	2.948	----	----	----	----	2.948
937	2.891	62.87	2.949	----	----	----	2.947	----	----	----	----	2.947
938	2.889	62.87	2.948	----	----	----	2.946	----	----	----	----	2.946
939	2.887	62.87	2.946	----	----	----	2.944	----	----	----	----	2.944
940	2.885	62.87	2.945	----	----	----	2.943	----	----	----	----	2.943
941	2.883	62.87	2.943	----	----	----	2.941	----	----	----	----	2.941
942	2.881	62.87	2.942	----	----	----	2.940	----	----	----	----	2.940
943	2.879	62.87	2.940	----	----	----	2.938	----	----	----	----	2.938
944	2.877	62.87	2.939	----	----	----	2.937	----	----	----	----	2.937
945	2.874	62.87	2.937	----	----	----	2.935	----	----	----	----	2.935
946	2.872	62.87	2.936	----	----	----	2.934	----	----	----	----	2.934
947	2.870	62.87	2.934	----	----	----	2.932	----	----	----	----	2.932
948	2.868	62.87	2.933	----	----	----	2.931	----	----	----	----	2.931
949	2.866	62.87	2.931	----	----	----	2.929	----	----	----	----	2.929
950	2.864	62.87	2.929	----	----	----	2.927	----	----	----	----	2.927
951	2.862	62.87	2.928	----	----	----	2.926	----	----	----	----	2.926
952	2.860	62.87	2.926	----	----	----	2.924	----	----	----	----	2.924
953	2.858	62.87	2.925	----	----	----	2.922	----	----	----	----	2.923
954	2.856	62.87	2.923	----	----	----	2.921	----	----	----	----	2.921
955	2.854	62.87	2.921	----	----	----	2.919	----	----	----	----	2.919
956	2.852	62.87	2.920	----	----	----	2.918	----	----	----	----	2.918
957	2.850	62.87	2.918	----	----	----	2.916	----	----	----	----	2.916
958	2.848	62.87	2.916	----	----	----	2.914	----	----	----	----	2.914
959	2.846	62.87	2.915	----	----	----	2.913	----	----	----	----	2.913
960	2.844	62.87	2.913	----	----	----	2.911	----	----	----	----	2.911
961	2.842	62.87	2.911	----	----	----	2.909	----	----	----	----	2.909
962	2.840	62.87	2.910	----	----	----	2.908	----	----	----	----	2.907
963	2.838	62.87	2.908	----	----	----	2.906	----	----	----	----	2.906
964	2.836	62.87	2.906	----	----	----	2.904	----	----	----	----	2.904
965	2.834	62.87	2.904	----	----	----	2.902	----	----	----	----	2.902
966	2.832	62.87	2.903	----	----	----	2.901	----	----	----	----	2.901
967	2.830	62.87	2.901	----	----	----	2.899	----	----	----	----	2.899
968	2.828	62.87	2.899	----	----	----	2.897	----	----	----	----	2.897
969	2.825	62.87	2.897	----	----	----	2.895	----	----	----	----	2.895
970	2.823	62.86	2.896	----	----	----	2.894	----	----	----	----	2.894
971	2.821	62.86	2.894	----	----	----	2.892	----	----	----	----	2.892
972	2.819	62.86	2.892	----	----	----	2.890	----	----	----	----	2.890
973	2.817	62.86	2.890	----	----	----	2.888	----	----	----	----	2.888
974	2.815	62.86	2.888	----	----	----	2.886	----	----	----	----	2.886
975	2.813	62.86	2.887	----	----	----	2.885	----	----	----	----	2.885
976	2.811	62.86	2.885	----	----	----	2.883	----	----	----	----	2.883
977	2.809	62.86	2.883	----	----	----	2.881	----	----	----	----	2.881
978	2.807	62.86	2.881	----	----	----	2.879	----	----	----	----	2.879
979	2.805	62.86	2.879	----	----	----	2.877	----	----	----	----	2.877
980	2.803	62.86	2.878	----	----	----	2.876	----	----	----	----	2.875
981	2.801	62.86	2.876	----	----	----	2.874	----	----	----	----	2.874
982	2.799	62.86	2.874	----	----	----	2.872	----	----	----	----	2.872
983	2.797	62.86	2.872	----	----	----	2.870	----	----	----	----	2.870
984	2.795	62.86	2.870	----	----	----	2.868	----	----	----	----	2.868
985	2.793	62.86	2.868	----	----	----	2.866	----	----	----	----	2.866
986	2.790	62.86	2.866	----	----	----	2.864	----	----	----	----	2.864
987	2.788	62.86	2.865	----	----	----	2.863	----	----	----	----	2.863
988	2.786	62.86	2.863	----	----	----	2.861	----	----	----	----	2.861
989	2.784	62.86	2.861	----	----	----	2.859	----	----	----	----	2.859
990	2.782	62.86	2.859	----	----	----	2.857	----	----	----	----	2.857

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Hydrograph Discharge Table

Time (min)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
991	2.780	62.86	2.857	----	----	----	2.855	----	----	----	----	2.855
992	2.778	62.86	2.855	----	----	----	2.853	----	----	----	----	2.853
993	2.776	62.86	2.853	----	----	----	2.851	----	----	----	----	2.851
994	2.774	62.86	2.851	----	----	----	2.849	----	----	----	----	2.849
995	2.772	62.86	2.849	----	----	----	2.847	----	----	----	----	2.847
996	2.770	62.86	2.848	----	----	----	2.845	----	----	----	----	2.845
997	2.768	62.86	2.846	----	----	----	2.844	----	----	----	----	2.844
998	2.766	62.86	2.844	----	----	----	2.842	----	----	----	----	2.842
999	2.764	62.86	2.842	----	----	----	2.840	----	----	----	----	2.840
1000	2.761	62.86	2.840	----	----	----	2.838	----	----	----	----	2.838
1001	2.759	62.86	2.838	----	----	----	2.836	----	----	----	----	2.836
1002	2.757	62.86	2.836	----	----	----	2.834	----	----	----	----	2.834
1003	2.755	62.86	2.834	----	----	----	2.832	----	----	----	----	2.832
1004	2.753	62.86	2.832	----	----	----	2.830	----	----	----	----	2.830
1005	2.751	62.86	2.830	----	----	----	2.828	----	----	----	----	2.828
1006	2.749	62.86	2.828	----	----	----	2.826	----	----	----	----	2.826
1007	2.747	62.86	2.826	----	----	----	2.824	----	----	----	----	2.824
1008	2.745	62.86	2.824	----	----	----	2.822	----	----	----	----	2.822
1009	2.743	62.86	2.822	----	----	----	2.820	----	----	----	----	2.820
1010	2.741	62.86	2.820	----	----	----	2.818	----	----	----	----	2.818
1011	2.739	62.86	2.818	----	----	----	2.816	----	----	----	----	2.816
1012	2.736	62.86	2.816	----	----	----	2.814	----	----	----	----	2.814
1013	2.734	62.86	2.814	----	----	----	2.812	----	----	----	----	2.812
1014	2.732	62.86	2.812	----	----	----	2.810	----	----	----	----	2.810
1015	2.730	62.86	2.811	----	----	----	2.808	----	----	----	----	2.808
1016	2.728	62.86	2.809	----	----	----	2.806	----	----	----	----	2.806
1017	2.726	62.86	2.807	----	----	----	2.804	----	----	----	----	2.804
1018	2.724	62.86	2.805	----	----	----	2.802	----	----	----	----	2.802
1019	2.722	62.86	2.803	----	----	----	2.801	----	----	----	----	2.801
1020	2.720	62.86	2.801	----	----	----	2.798	----	----	----	----	2.799
1021	2.718	62.86	2.799	----	----	----	2.797	----	----	----	----	2.797
1022	2.716	62.86	2.797	----	----	----	2.795	----	----	----	----	2.795
1023	2.713	62.86	2.795	----	----	----	2.792	----	----	----	----	2.793
1024	2.711	62.86	2.793	----	----	----	2.791	----	----	----	----	2.791
1025	2.709	62.86	2.791	----	----	----	2.789	----	----	----	----	2.789
1026	2.707	62.86	2.789	----	----	----	2.787	----	----	----	----	2.787
1027	2.705	62.86	2.787	----	----	----	2.784	----	----	----	----	2.784
1028	2.703	62.86	2.785	----	----	----	2.783	----	----	----	----	2.782
1029	2.701	62.86	2.783	----	----	----	2.781	----	----	----	----	2.780
1030	2.699	62.86	2.781	----	----	----	2.778	----	----	----	----	2.778
1031	2.697	62.86	2.779	----	----	----	2.776	----	----	----	----	2.776
1032	2.695	62.86	2.777	----	----	----	2.774	----	----	----	----	2.774
1033	2.692	62.86	2.774	----	----	----	2.772	----	----	----	----	2.772
1034	2.690	62.86	2.772	----	----	----	2.770	----	----	----	----	2.770
1035	2.688	62.86	2.770	----	----	----	2.768	----	----	----	----	2.768
1036	2.686	62.86	2.768	----	----	----	2.766	----	----	----	----	2.766
1037	2.684	62.86	2.766	----	----	----	2.764	----	----	----	----	2.764
1038	2.682	62.86	2.764	----	----	----	2.762	----	----	----	----	2.762
1039	2.680	62.86	2.762	----	----	----	2.760	----	----	----	----	2.760
1040	2.678	62.86	2.760	----	----	----	2.758	----	----	----	----	2.758
1041	2.676	62.86	2.758	----	----	----	2.756	----	----	----	----	2.756
1042	2.673	62.86	2.756	----	----	----	2.754	----	----	----	----	2.754
1043	2.671	62.86	2.754	----	----	----	2.752	----	----	----	----	2.752
1044	2.669	62.86	2.752	----	----	----	2.750	----	----	----	----	2.750
1045	2.667	62.86	2.750	----	----	----	2.748	----	----	----	----	2.748
1046	2.665	62.86	2.748	----	----	----	2.746	----	----	----	----	2.746

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Hydrograph Discharge Table

Time (min)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
1047	2.663	62.86	2.746	----	----	----	2.744	----	----	----	----	2.744
1048	2.661	62.86	2.744	----	----	----	2.742	----	----	----	----	2.742
1049	2.659	62.86	2.742	----	----	----	2.740	----	----	----	----	2.740
1050	2.657	62.86	2.740	----	----	----	2.738	----	----	----	----	2.738
1051	2.654	62.86	2.738	----	----	----	2.736	----	----	----	----	2.736
1052	2.652	62.86	2.736	----	----	----	2.734	----	----	----	----	2.734
1053	2.650	62.86	2.734	----	----	----	2.732	----	----	----	----	2.732
1054	2.648	62.86	2.732	----	----	----	2.729	----	----	----	----	2.730
1055	2.646	62.86	2.730	----	----	----	2.727	----	----	----	----	2.727
1056	2.644	62.86	2.728	----	----	----	2.725	----	----	----	----	2.725
1057	2.642	62.86	2.725	----	----	----	2.723	----	----	----	----	2.723
1058	2.640	62.86	2.723	----	----	----	2.721	----	----	----	----	2.721
1059	2.637	62.86	2.721	----	----	----	2.719	----	----	----	----	2.719
1060	2.635	62.86	2.719	----	----	----	2.717	----	----	----	----	2.717
1061	2.633	62.86	2.717	----	----	----	2.715	----	----	----	----	2.715
1062	2.631	62.86	2.715	----	----	----	2.713	----	----	----	----	2.713
1063	2.629	62.86	2.713	----	----	----	2.711	----	----	----	----	2.711
1064	2.627	62.86	2.711	----	----	----	2.709	----	----	----	----	2.709
1065	2.625	62.86	2.709	----	----	----	2.707	----	----	----	----	2.707
1066	2.623	62.86	2.707	----	----	----	2.705	----	----	----	----	2.705
1067	2.620	62.86	2.705	----	----	----	2.703	----	----	----	----	2.703
1068	2.618	62.86	2.703	----	----	----	2.701	----	----	----	----	2.701
1069	2.616	62.86	2.701	----	----	----	2.698	----	----	----	----	2.698
1070	2.614	62.86	2.698	----	----	----	2.696	----	----	----	----	2.696
1071	2.612	62.86	2.696	----	----	----	2.694	----	----	----	----	2.694
1072	2.610	62.86	2.694	----	----	----	2.692	----	----	----	----	2.692
1073	2.608	62.86	2.692	----	----	----	2.690	----	----	----	----	2.690
1074	2.606	62.86	2.690	----	----	----	2.688	----	----	----	----	2.688
1075	2.603	62.86	2.688	----	----	----	2.686	----	----	----	----	2.686
1076	2.601	62.86	2.686	----	----	----	2.684	----	----	----	----	2.684
1077	2.599	62.86	2.684	----	----	----	2.682	----	----	----	----	2.682
1078	2.597	62.86	2.682	----	----	----	2.680	----	----	----	----	2.680
1079	2.595	62.86	2.680	----	----	----	2.678	----	----	----	----	2.678
1080	2.593	62.86	2.678	----	----	----	2.676	----	----	----	----	2.676
1081	2.591	62.86	2.676	----	----	----	2.673	----	----	----	----	2.673
1082	2.588	62.86	2.674	----	----	----	2.671	----	----	----	----	2.671
1083	2.586	62.86	2.671	----	----	----	2.669	----	----	----	----	2.669
1084	2.584	62.86	2.669	----	----	----	2.667	----	----	----	----	2.667
1085	2.582	62.86	2.667	----	----	----	2.665	----	----	----	----	2.665
1086	2.580	62.86	2.665	----	----	----	2.663	----	----	----	----	2.663
1087	2.578	62.86	2.663	----	----	----	2.661	----	----	----	----	2.661
1088	2.576	62.86	2.661	----	----	----	2.659	----	----	----	----	2.659
1089	2.574	62.86	2.659	----	----	----	2.657	----	----	----	----	2.657
1090	2.571	62.86	2.657	----	----	----	2.655	----	----	----	----	2.655
1091	2.569	62.85	2.655	----	----	----	2.652	----	----	----	----	2.652
1092	2.567	62.85	2.652	----	----	----	2.650	----	----	----	----	2.650
1093	2.565	62.85	2.650	----	----	----	2.648	----	----	----	----	2.648
1094	2.563	62.85	2.648	----	----	----	2.646	----	----	----	----	2.646
1095	2.561	62.85	2.646	----	----	----	2.644	----	----	----	----	2.644
1096	2.559	62.85	2.644	----	----	----	2.642	----	----	----	----	2.642
1097	2.556	62.85	2.642	----	----	----	2.640	----	----	----	----	2.640
1098	2.554	62.85	2.640	----	----	----	2.638	----	----	----	----	2.638
1099	2.552	62.85	2.638	----	----	----	2.636	----	----	----	----	2.636
1100	2.550	62.85	2.636	----	----	----	2.633	----	----	----	----	2.633
1101	2.548	62.85	2.633	----	----	----	2.631	----	----	----	----	2.631
1102	2.546	62.85	2.631	----	----	----	2.629	----	----	----	----	2.629

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Hydrograph Discharge Table

Time (min)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
1103	2.543	62.85	2.629	----	----	----	2.627	----	----	----	----	2.627
1104	2.541	62.85	2.627	----	----	----	2.625	----	----	----	----	2.625
1105	2.539	62.85	2.625	----	----	----	2.623	----	----	----	----	2.623
1106	2.537	62.85	2.623	----	----	----	2.621	----	----	----	----	2.621
1107	2.535	62.85	2.621	----	----	----	2.619	----	----	----	----	2.619
1108	2.533	62.85	2.619	----	----	----	2.617	----	----	----	----	2.617
1109	2.531	62.85	2.617	----	----	----	2.614	----	----	----	----	2.614
1110	2.528	62.85	2.614	----	----	----	2.612	----	----	----	----	2.612
1111	2.526	62.85	2.612	----	----	----	2.610	----	----	----	----	2.610
1112	2.524	62.85	2.610	----	----	----	2.608	----	----	----	----	2.608
1113	2.522	62.85	2.608	----	----	----	2.606	----	----	----	----	2.606
1114	2.520	62.85	2.606	----	----	----	2.604	----	----	----	----	2.604
1115	2.518	62.85	2.604	----	----	----	2.602	----	----	----	----	2.602
1116	2.515	62.85	2.602	----	----	----	2.600	----	----	----	----	2.600
1117	2.513	62.85	2.600	----	----	----	2.597	----	----	----	----	2.597
1118	2.511	62.85	2.598	----	----	----	2.595	----	----	----	----	2.595
1119	2.509	62.85	2.595	----	----	----	2.593	----	----	----	----	2.593
1120	2.507	62.85	2.593	----	----	----	2.591	----	----	----	----	2.591
1121	2.505	62.85	2.591	----	----	----	2.589	----	----	----	----	2.589
1122	2.503	62.85	2.589	----	----	----	2.587	----	----	----	----	2.587
1123	2.500	62.85	2.587	----	----	----	2.585	----	----	----	----	2.585
1124	2.498	62.85	2.585	----	----	----	2.583	----	----	----	----	2.583
1125	2.496	62.85	2.583	----	----	----	2.580	----	----	----	----	2.580
1126	2.494	62.85	2.580	----	----	----	2.578	----	----	----	----	2.578
1127	2.492	62.85	2.578	----	----	----	2.576	----	----	----	----	2.576
1128	2.490	62.85	2.576	----	----	----	2.574	----	----	----	----	2.574
1129	2.487	62.85	2.574	----	----	----	2.572	----	----	----	----	2.572
1130	2.485	62.85	2.572	----	----	----	2.570	----	----	----	----	2.570
1131	2.483	62.85	2.570	----	----	----	2.568	----	----	----	----	2.568
1132	2.481	62.85	2.568	----	----	----	2.565	----	----	----	----	2.565
1133	2.479	62.85	2.566	----	----	----	2.563	----	----	----	----	2.563
1134	2.477	62.85	2.563	----	----	----	2.561	----	----	----	----	2.561
1135	2.474	62.85	2.561	----	----	----	2.559	----	----	----	----	2.559
1136	2.472	62.85	2.559	----	----	----	2.557	----	----	----	----	2.557
1137	2.470	62.85	2.557	----	----	----	2.555	----	----	----	----	2.555
1138	2.468	62.85	2.555	----	----	----	2.553	----	----	----	----	2.553
1139	2.466	62.85	2.553	----	----	----	2.551	----	----	----	----	2.551
1140	2.464	62.85	2.550	----	----	----	2.548	----	----	----	----	2.548
1141	2.461	62.85	2.548	----	----	----	2.546	----	----	----	----	2.546
1142	2.459	62.85	2.546	----	----	----	2.544	----	----	----	----	2.544
1143	2.457	62.85	2.544	----	----	----	2.542	----	----	----	----	2.542
1144	2.455	62.85	2.542	----	----	----	2.540	----	----	----	----	2.540
1145	2.453	62.85	2.540	----	----	----	2.538	----	----	----	----	2.538
1146	2.451	62.85	2.538	----	----	----	2.535	----	----	----	----	2.535
1147	2.448	62.85	2.536	----	----	----	2.533	----	----	----	----	2.533
1148	2.446	62.85	2.533	----	----	----	2.531	----	----	----	----	2.531
1149	2.444	62.85	2.531	----	----	----	2.529	----	----	----	----	2.529
1150	2.442	62.85	2.529	----	----	----	2.527	----	----	----	----	2.527
1151	2.440	62.85	2.527	----	----	----	2.525	----	----	----	----	2.525
1152	2.437	62.85	2.525	----	----	----	2.523	----	----	----	----	2.523
1153	2.435	62.85	2.523	----	----	----	2.520	----	----	----	----	2.520
1154	2.433	62.85	2.520	----	----	----	2.518	----	----	----	----	2.518
1155	2.431	62.85	2.518	----	----	----	2.516	----	----	----	----	2.516
1156	2.429	62.85	2.516	----	----	----	2.514	----	----	----	----	2.514
1157	2.427	62.85	2.514	----	----	----	2.512	----	----	----	----	2.512
1158	2.424	62.85	2.512	----	----	----	2.510	----	----	----	----	2.510

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Hydrograph Discharge Table

Time (min)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
1159	2.422	62.85	2.510	----	----	----	2.508	----	----	----	----	2.508
1160	2.420	62.85	2.508	----	----	----	2.505	----	----	----	----	2.505
1161	2.418	62.85	2.505	----	----	----	2.503	----	----	----	----	2.503
1162	2.416	62.85	2.503	----	----	----	2.501	----	----	----	----	2.501
1163	2.414	62.85	2.501	----	----	----	2.499	----	----	----	----	2.499
1164	2.411	62.85	2.499	----	----	----	2.497	----	----	----	----	2.497
1165	2.409	62.85	2.497	----	----	----	2.495	----	----	----	----	2.495
1166	2.407	62.85	2.495	----	----	----	2.492	----	----	----	----	2.492
1167	2.405	62.85	2.492	----	----	----	2.490	----	----	----	----	2.490
1168	2.403	62.85	2.490	----	----	----	2.488	----	----	----	----	2.488
1169	2.400	62.85	2.488	----	----	----	2.486	----	----	----	----	2.486
1170	2.398	62.85	2.486	----	----	----	2.484	----	----	----	----	2.484
1171	2.396	62.85	2.484	----	----	----	2.482	----	----	----	----	2.482
1172	2.394	62.85	2.482	----	----	----	2.479	----	----	----	----	2.479
1173	2.392	62.85	2.479	----	----	----	2.477	----	----	----	----	2.477
1174	2.389	62.85	2.477	----	----	----	2.475	----	----	----	----	2.475
1175	2.387	62.85	2.475	----	----	----	2.473	----	----	----	----	2.473
1176	2.385	62.85	2.473	----	----	----	2.471	----	----	----	----	2.471
1177	2.383	62.85	2.471	----	----	----	2.469	----	----	----	----	2.469
1178	2.381	62.85	2.469	----	----	----	2.466	----	----	----	----	2.466
1179	2.379	62.85	2.466	----	----	----	2.464	----	----	----	----	2.464
1180	2.376	62.85	2.464	----	----	----	2.462	----	----	----	----	2.462
1181	2.374	62.85	2.462	----	----	----	2.460	----	----	----	----	2.460
1182	2.372	62.85	2.460	----	----	----	2.458	----	----	----	----	2.458
1183	2.370	62.85	2.458	----	----	----	2.456	----	----	----	----	2.456
1184	2.368	62.85	2.456	----	----	----	2.453	----	----	----	----	2.453
1185	2.365	62.85	2.453	----	----	----	2.451	----	----	----	----	2.451
1186	2.363	62.85	2.451	----	----	----	2.449	----	----	----	----	2.449
1187	2.361	62.85	2.449	----	----	----	2.447	----	----	----	----	2.447
1188	2.359	62.85	2.447	----	----	----	2.445	----	----	----	----	2.445
1189	2.357	62.85	2.445	----	----	----	2.443	----	----	----	----	2.443
1190	2.354	62.85	2.443	----	----	----	2.440	----	----	----	----	2.440
1191	2.352	62.85	2.440	----	----	----	2.438	----	----	----	----	2.438
1192	2.350	62.85	2.438	----	----	----	2.436	----	----	----	----	2.436
1193	2.348	62.85	2.436	----	----	----	2.434	----	----	----	----	2.434
1194	2.346	62.85	2.434	----	----	----	2.432	----	----	----	----	2.432
1195	2.343	62.85	2.432	----	----	----	2.430	----	----	----	----	2.430
1196	2.341	62.85	2.430	----	----	----	2.427	----	----	----	----	2.427
1197	2.339	62.85	2.427	----	----	----	2.425	----	----	----	----	2.425
1198	2.337	62.85	2.425	----	----	----	2.423	----	----	----	----	2.423
1199	2.335	62.85	2.423	----	----	----	2.421	----	----	----	----	2.421
1200	2.332	62.85	2.421	----	----	----	2.419	----	----	----	----	2.419
1201	2.330	62.85	2.419	----	----	----	2.416	----	----	----	----	2.416
1202	2.328	62.85	2.417	----	----	----	2.414	----	----	----	----	2.414
1203	2.326	62.85	2.414	----	----	----	2.412	----	----	----	----	2.412
1204	2.324	62.84	2.412	----	----	----	2.410	----	----	----	----	2.410
1205	2.321	62.84	2.410	----	----	----	2.408	----	----	----	----	2.408
1206	2.319	62.84	2.408	----	----	----	2.406	----	----	----	----	2.406
1207	2.317	62.84	2.406	----	----	----	2.403	----	----	----	----	2.403
1208	2.315	62.84	2.403	----	----	----	2.401	----	----	----	----	2.401
1209	2.313	62.84	2.401	----	----	----	2.399	----	----	----	----	2.399
1210	2.310	62.84	2.399	----	----	----	2.397	----	----	----	----	2.397
1211	2.308	62.84	2.397	----	----	----	2.395	----	----	----	----	2.395
1212	2.306	62.84	2.395	----	----	----	2.392	----	----	----	----	2.392
1213	2.304	62.84	2.393	----	----	----	2.390	----	----	----	----	2.390
1214	2.302	62.84	2.390	----	----	----	2.388	----	----	----	----	2.388

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Hydrograph Discharge Table

Time (min)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
1215	2.299	62.84	2.388	----	----	----	2.386	----	----	----	----	2.386
1216	2.297	62.84	2.386	----	----	----	2.384	----	----	----	----	2.384
1217	2.295	62.84	2.384	----	----	----	2.382	----	----	----	----	2.382
1218	2.293	62.84	2.382	----	----	----	2.379	----	----	----	----	2.379
1219	2.291	62.84	2.379	----	----	----	2.377	----	----	----	----	2.377
1220	2.288	62.84	2.377	----	----	----	2.375	----	----	----	----	2.375
1221	2.286	62.84	2.375	----	----	----	2.373	----	----	----	----	2.373
1222	2.284	62.84	2.373	----	----	----	2.371	----	----	----	----	2.371
1223	2.282	62.84	2.371	----	----	----	2.368	----	----	----	----	2.368
1224	2.280	62.84	2.368	----	----	----	2.366	----	----	----	----	2.366
1225	2.277	62.84	2.366	----	----	----	2.364	----	----	----	----	2.364
1226	2.275	62.84	2.364	----	----	----	2.362	----	----	----	----	2.362
1227	2.273	62.84	2.362	----	----	----	2.360	----	----	----	----	2.360
1228	2.271	62.84	2.360	----	----	----	2.357	----	----	----	----	2.357
1229	2.269	62.84	2.357	----	----	----	2.355	----	----	----	----	2.355
1230	2.266	62.84	2.355	----	----	----	2.353	----	----	----	----	2.353
1231	2.264	62.84	2.353	----	----	----	2.351	----	----	----	----	2.351
1232	2.262	62.84	2.351	----	----	----	2.349	----	----	----	----	2.349
1233	2.260	62.84	2.349	----	----	----	2.346	----	----	----	----	2.346
1234	2.257	62.84	2.347	----	----	----	2.344	----	----	----	----	2.344
1235	2.255	62.84	2.344	----	----	----	2.342	----	----	----	----	2.342
1236	2.253	62.84	2.342	----	----	----	2.340	----	----	----	----	2.340
1237	2.251	62.84	2.340	----	----	----	2.338	----	----	----	----	2.338
1238	2.249	62.84	2.338	----	----	----	2.336	----	----	----	----	2.335
1239	2.246	62.84	2.336	----	----	----	2.333	----	----	----	----	2.333
1240	2.244	62.84	2.333	----	----	----	2.331	----	----	----	----	2.331
1241	2.242	62.84	2.331	----	----	----	2.329	----	----	----	----	2.329
1242	2.240	62.84	2.329	----	----	----	2.327	----	----	----	----	2.327
1243	2.238	62.84	2.327	----	----	----	2.325	----	----	----	----	2.325
1244	2.235	62.84	2.325	----	----	----	2.322	----	----	----	----	2.322
1245	2.233	62.84	2.322	----	----	----	2.320	----	----	----	----	2.320
1246	2.231	62.84	2.320	----	----	----	2.318	----	----	----	----	2.318
1247	2.229	62.84	2.318	----	----	----	2.316	----	----	----	----	2.316
1248	2.226	62.84	2.316	----	----	----	2.314	----	----	----	----	2.314
1249	2.224	62.84	2.314	----	----	----	2.311	----	----	----	----	2.311
1250	2.222	62.84	2.311	----	----	----	2.309	----	----	----	----	2.309
1251	2.220	62.84	2.309	----	----	----	2.307	----	----	----	----	2.307
1252	2.218	62.84	2.307	----	----	----	2.305	----	----	----	----	2.305
1253	2.215	62.84	2.305	----	----	----	2.302	----	----	----	----	2.303
1254	2.213	62.84	2.303	----	----	----	2.300	----	----	----	----	2.300
1255	2.211	62.84	2.300	----	----	----	2.298	----	----	----	----	2.298
1256	2.209	62.84	2.298	----	----	----	2.296	----	----	----	----	2.296
1257	2.206	62.84	2.296	----	----	----	2.294	----	----	----	----	2.294
1258	2.204	62.84	2.294	----	----	----	2.292	----	----	----	----	2.291
1259	2.202	62.84	2.292	----	----	----	2.289	----	----	----	----	2.289
1260	2.200	62.84	2.289	----	----	----	2.287	----	----	----	----	2.287
1261	2.198	62.84	2.287	----	----	----	2.285	----	----	----	----	2.285
1262	2.195	62.84	2.285	----	----	----	2.283	----	----	----	----	2.283
1263	2.193	62.84	2.283	----	----	----	2.280	----	----	----	----	2.280
1264	2.191	62.84	2.280	----	----	----	2.278	----	----	----	----	2.278
1265	2.189	62.84	2.278	----	----	----	2.276	----	----	----	----	2.276
1266	2.186	62.84	2.276	----	----	----	2.274	----	----	----	----	2.274
1267	2.184	62.84	2.274	----	----	----	2.272	----	----	----	----	2.272
1268	2.182	62.84	2.272	----	----	----	2.269	----	----	----	----	2.269
1269	2.180	62.84	2.269	----	----	----	2.267	----	----	----	----	2.267
1270	2.178	62.84	2.267	----	----	----	2.265	----	----	----	----	2.265

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Hydrograph Discharge Table

Time (min)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
1271	2.175	62.84	2.265	----	----	----	2.263	----	----	----	----	2.263
1272	2.173	62.84	2.263	----	----	----	2.261	----	----	----	----	2.261
1273	2.171	62.84	2.261	----	----	----	2.258	----	----	----	----	2.258
1274	2.169	62.84	2.258	----	----	----	2.256	----	----	----	----	2.256
1275	2.166	62.84	2.256	----	----	----	2.254	----	----	----	----	2.254
1276	2.164	62.84	2.254	----	----	----	2.252	----	----	----	----	2.252
1277	2.162	62.84	2.252	----	----	----	2.250	----	----	----	----	2.249
1278	2.160	62.84	2.250	----	----	----	2.247	----	----	----	----	2.247
1279	2.157	62.84	2.247	----	----	----	2.245	----	----	----	----	2.245
1280	2.155	62.84	2.245	----	----	----	2.243	----	----	----	----	2.243
1281	2.153	62.84	2.243	----	----	----	2.241	----	----	----	----	2.241
1282	2.151	62.84	2.241	----	----	----	2.238	----	----	----	----	2.238
1283	2.149	62.84	2.238	----	----	----	2.236	----	----	----	----	2.236
1284	2.146	62.84	2.236	----	----	----	2.234	----	----	----	----	2.234
1285	2.144	62.84	2.234	----	----	----	2.232	----	----	----	----	2.232
1286	2.142	62.84	2.232	----	----	----	2.230	----	----	----	----	2.230
1287	2.140	62.84	2.230	----	----	----	2.227	----	----	----	----	2.227
1288	2.137	62.84	2.227	----	----	----	2.225	----	----	----	----	2.225
1289	2.135	62.84	2.225	----	----	----	2.223	----	----	----	----	2.223
1290	2.133	62.84	2.223	----	----	----	2.221	----	----	----	----	2.221
1291	2.131	62.84	2.221	----	----	----	2.218	----	----	----	----	2.218
1292	2.128	62.84	2.219	----	----	----	2.216	----	----	----	----	2.216
1293	2.126	62.84	2.216	----	----	----	2.214	----	----	----	----	2.214
1294	2.124	62.84	2.214	----	----	----	2.212	----	----	----	----	2.212
1295	2.122	62.84	2.212	----	----	----	2.210	----	----	----	----	2.210
1296	2.120	62.84	2.210	----	----	----	2.207	----	----	----	----	2.207
1297	2.117	62.84	2.207	----	----	----	2.205	----	----	----	----	2.205
1298	2.115	62.84	2.205	----	----	----	2.203	----	----	----	----	2.203
1299	2.113	62.84	2.203	----	----	----	2.201	----	----	----	----	2.201
1300	2.111	62.84	2.201	----	----	----	2.199	----	----	----	----	2.198
1301	2.108	62.84	2.199	----	----	----	2.196	----	----	----	----	2.196
1302	2.106	62.84	2.196	----	----	----	2.194	----	----	----	----	2.194
1303	2.104	62.84	2.194	----	----	----	2.192	----	----	----	----	2.192
1304	2.102	62.84	2.192	----	----	----	2.190	----	----	----	----	2.190
1305	2.099	62.84	2.190	----	----	----	2.187	----	----	----	----	2.187
1306	2.097	62.84	2.187	----	----	----	2.185	----	----	----	----	2.185
1307	2.095	62.84	2.185	----	----	----	2.183	----	----	----	----	2.183
1308	2.093	62.84	2.183	----	----	----	2.181	----	----	----	----	2.181
1309	2.090	62.84	2.181	----	----	----	2.178	----	----	----	----	2.178
1310	2.088	62.84	2.178	----	----	----	2.176	----	----	----	----	2.176
1311	2.086	62.84	2.176	----	----	----	2.174	----	----	----	----	2.174
1312	2.084	62.84	2.174	----	----	----	2.172	----	----	----	----	2.172
1313	2.081	62.84	2.172	----	----	----	2.170	----	----	----	----	2.170
1314	2.079	62.83	2.170	----	----	----	2.167	----	----	----	----	2.167
1315	2.077	62.83	2.167	----	----	----	2.165	----	----	----	----	2.165
1316	2.075	62.83	2.165	----	----	----	2.163	----	----	----	----	2.163
1317	2.072	62.83	2.163	----	----	----	2.161	----	----	----	----	2.161
1318	2.070	62.83	2.161	----	----	----	2.158	----	----	----	----	2.158
1319	2.068	62.83	2.158	----	----	----	2.156	----	----	----	----	2.156
1320	2.066	62.83	2.156	----	----	----	2.154	----	----	----	----	2.154
1321	2.063	62.83	2.154	----	----	----	2.152	----	----	----	----	2.152
1322	2.061	62.83	2.152	----	----	----	2.149	----	----	----	----	2.149
1323	2.059	62.83	2.150	----	----	----	2.147	----	----	----	----	2.147
1324	2.057	62.83	2.147	----	----	----	2.145	----	----	----	----	2.145
1325	2.055	62.83	2.145	----	----	----	2.143	----	----	----	----	2.143
1326	2.052	62.83	2.143	----	----	----	2.141	----	----	----	----	2.141

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Hydrograph Discharge Table

Time (min)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
1327	2.050	62.83	2.141	----	----	----	2.138	----	----	----	----	2.138
1328	2.048	62.83	2.138	----	----	----	2.136	----	----	----	----	2.136
1329	2.046	62.83	2.136	----	----	----	2.134	----	----	----	----	2.134
1330	2.043	62.83	2.134	----	----	----	2.132	----	----	----	----	2.132
1331	2.041	62.83	2.132	----	----	----	2.129	----	----	----	----	2.129
1332	2.039	62.83	2.129	----	----	----	2.127	----	----	----	----	2.127
1333	2.037	62.83	2.127	----	----	----	2.125	----	----	----	----	2.125
1334	2.034	62.83	2.125	----	----	----	2.123	----	----	----	----	2.123
1335	2.032	62.83	2.123	----	----	----	2.120	----	----	----	----	2.120
1336	2.030	62.83	2.121	----	----	----	2.118	----	----	----	----	2.118
1337	2.028	62.83	2.118	----	----	----	2.116	----	----	----	----	2.116
1338	2.025	62.83	2.116	----	----	----	2.114	----	----	----	----	2.114
1339	2.023	62.83	2.114	----	----	----	2.112	----	----	----	----	2.112
1340	2.021	62.83	2.112	----	----	----	2.109	----	----	----	----	2.109
1341	2.019	62.83	2.109	----	----	----	2.107	----	----	----	----	2.107
1342	2.016	62.83	2.107	----	----	----	2.105	----	----	----	----	2.105
1343	2.014	62.83	2.105	----	----	----	2.103	----	----	----	----	2.103
1344	2.012	62.83	2.103	----	----	----	2.100	----	----	----	----	2.100
1345	2.010	62.83	2.100	----	----	----	2.098	----	----	----	----	2.098
1346	2.007	62.83	2.098	----	----	----	2.096	----	----	----	----	2.096
1347	2.005	62.83	2.096	----	----	----	2.094	----	----	----	----	2.094
1348	2.003	62.83	2.094	----	----	----	2.091	----	----	----	----	2.091
1349	2.001	62.83	2.091	----	----	----	2.089	----	----	----	----	2.089
1350	1.998	62.83	2.089	----	----	----	2.087	----	----	----	----	2.087
1351	1.996	62.83	2.087	----	----	----	2.085	----	----	----	----	2.085
1352	1.994	62.83	2.085	----	----	----	2.082	----	----	----	----	2.082
1353	1.992	62.83	2.083	----	----	----	2.080	----	----	----	----	2.080
1354	1.989	62.83	2.080	----	----	----	2.078	----	----	----	----	2.078
1355	1.987	62.83	2.078	----	----	----	2.076	----	----	----	----	2.076
1356	1.985	62.83	2.076	----	----	----	2.073	----	----	----	----	2.073
1357	1.982	62.83	2.074	----	----	----	2.071	----	----	----	----	2.071
1358	1.980	62.83	2.071	----	----	----	2.069	----	----	----	----	2.069
1359	1.978	62.83	2.069	----	----	----	2.067	----	----	----	----	2.067
1360	1.976	62.83	2.067	----	----	----	2.064	----	----	----	----	2.064
1361	1.973	62.83	2.065	----	----	----	2.062	----	----	----	----	2.062
1362	1.971	62.83	2.062	----	----	----	2.060	----	----	----	----	2.060
1363	1.969	62.83	2.060	----	----	----	2.058	----	----	----	----	2.058
1364	1.967	62.83	2.058	----	----	----	2.056	----	----	----	----	2.055
1365	1.964	62.83	2.056	----	----	----	2.053	----	----	----	----	2.053
1366	1.962	62.83	2.053	----	----	----	2.051	----	----	----	----	2.051
1367	1.960	62.83	2.051	----	----	----	2.049	----	----	----	----	2.049
1368	1.958	62.83	2.049	----	----	----	2.046	----	----	----	----	2.047
1369	1.955	62.83	2.047	----	----	----	2.044	----	----	----	----	2.044
1370	1.953	62.83	2.044	----	----	----	2.042	----	----	----	----	2.042
1371	1.951	62.83	2.042	----	----	----	2.040	----	----	----	----	2.040
1372	1.949	62.83	2.040	----	----	----	2.038	----	----	----	----	2.038
1373	1.946	62.83	2.038	----	----	----	2.035	----	----	----	----	2.035
1374	1.944	62.83	2.035	----	----	----	2.033	----	----	----	----	2.033
1375	1.942	62.83	2.033	----	----	----	2.031	----	----	----	----	2.031
1376	1.940	62.83	2.031	----	----	----	2.029	----	----	----	----	2.029
1377	1.937	62.83	2.029	----	----	----	2.026	----	----	----	----	2.026
1378	1.935	62.83	2.026	----	----	----	2.024	----	----	----	----	2.024
1379	1.933	62.83	2.024	----	----	----	2.022	----	----	----	----	2.022
1380	1.931	62.83	2.022	----	----	----	2.020	----	----	----	----	2.020
1381	1.928	62.83	2.020	----	----	----	2.017	----	----	----	----	2.017
1382	1.926	62.83	2.017	----	----	----	2.015	----	----	----	----	2.015

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Hydrograph Discharge Table

Time (min)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
1383	1.924	62.83	2.015	----	----	----	2.013	----	----	----	----	2.013
1384	1.921	62.83	2.013	----	----	----	2.011	----	----	----	----	2.011
1385	1.919	62.83	2.011	----	----	----	2.008	----	----	----	----	2.008
1386	1.917	62.83	2.008	----	----	----	2.006	----	----	----	----	2.006
1387	1.915	62.83	2.006	----	----	----	2.004	----	----	----	----	2.004
1388	1.912	62.83	2.004	----	----	----	2.001	----	----	----	----	2.002
1389	1.910	62.83	2.002	----	----	----	1.999	----	----	----	----	1.999
1390	1.908	62.83	1.999	----	----	----	1.997	----	----	----	----	1.997
1391	1.906	62.83	1.997	----	----	----	1.995	----	----	----	----	1.995
1392	1.903	62.83	1.995	----	----	----	1.993	----	----	----	----	1.993
1393	1.901	62.83	1.993	----	----	----	1.990	----	----	----	----	1.990
1394	1.899	62.83	1.990	----	----	----	1.988	----	----	----	----	1.988
1395	1.897	62.83	1.988	----	----	----	1.986	----	----	----	----	1.986
1396	1.894	62.83	1.986	----	----	----	1.983	----	----	----	----	1.983
1397	1.892	62.83	1.984	----	----	----	1.981	----	----	----	----	1.981
1398	1.890	62.83	1.981	----	----	----	1.979	----	----	----	----	1.979
1399	1.888	62.83	1.979	----	----	----	1.977	----	----	----	----	1.977
1400	1.885	62.83	1.977	----	----	----	1.974	----	----	----	----	1.974
1401	1.883	62.83	1.975	----	----	----	1.972	----	----	----	----	1.972
1402	1.881	62.83	1.972	----	----	----	1.970	----	----	----	----	1.970
1403	1.878	62.83	1.970	----	----	----	1.968	----	----	----	----	1.968
1404	1.876	62.83	1.968	----	----	----	1.965	----	----	----	----	1.965
1405	1.874	62.83	1.966	----	----	----	1.963	----	----	----	----	1.963
1406	1.872	62.83	1.963	----	----	----	1.961	----	----	----	----	1.961
1407	1.869	62.83	1.961	----	----	----	1.959	----	----	----	----	1.959
1408	1.867	62.83	1.959	----	----	----	1.956	----	----	----	----	1.956
1409	1.865	62.83	1.957	----	----	----	1.954	----	----	----	----	1.954
1410	1.863	62.83	1.954	----	----	----	1.952	----	----	----	----	1.952
1411	1.860	62.83	1.952	----	----	----	1.950	----	----	----	----	1.950
1412	1.858	62.83	1.950	----	----	----	1.947	----	----	----	----	1.947
1413	1.856	62.83	1.948	----	----	----	1.945	----	----	----	----	1.945
1414	1.853	62.83	1.945	----	----	----	1.943	----	----	----	----	1.943
1415	1.851	62.83	1.943	----	----	----	1.941	----	----	----	----	1.941
1416	1.849	62.83	1.941	----	----	----	1.938	----	----	----	----	1.938
1417	1.847	62.83	1.938	----	----	----	1.936	----	----	----	----	1.936
1418	1.844	62.83	1.936	----	----	----	1.934	----	----	----	----	1.934
1419	1.842	62.83	1.934	----	----	----	1.932	----	----	----	----	1.932
1420	1.840	62.83	1.932	----	----	----	1.929	----	----	----	----	1.929
1421	1.838	62.82	1.929	----	----	----	1.927	----	----	----	----	1.927
1422	1.835	62.82	1.927	----	----	----	1.925	----	----	----	----	1.925
1423	1.833	62.82	1.925	----	----	----	1.923	----	----	----	----	1.923
1424	1.831	62.82	1.923	----	----	----	1.920	----	----	----	----	1.920
1425	1.828	62.82	1.920	----	----	----	1.918	----	----	----	----	1.918
1426	1.826	62.82	1.918	----	----	----	1.916	----	----	----	----	1.916
1427	1.824	62.82	1.916	----	----	----	1.913	----	----	----	----	1.913
1428	1.822	62.82	1.914	----	----	----	1.911	----	----	----	----	1.911
1429	1.819	62.82	1.911	----	----	----	1.909	----	----	----	----	1.909
1430	1.817	62.82	1.909	----	----	----	1.907	----	----	----	----	1.907
1431	1.815	62.82	1.907	----	----	----	1.904	----	----	----	----	1.904
1432	1.813	62.82	1.905	----	----	----	1.902	----	----	----	----	1.902
1433	1.810	62.82	1.902	----	----	----	1.900	----	----	----	----	1.900
1434	1.808	62.82	1.900	----	----	----	1.898	----	----	----	----	1.898
1435	1.806	62.82	1.898	----	----	----	1.895	----	----	----	----	1.895
1436	1.803	62.82	1.895	----	----	----	1.893	----	----	----	----	1.893
1437	1.801	62.82	1.893	----	----	----	1.891	----	----	----	----	1.891
1438	1.799	62.82	1.891	----	----	----	1.889	----	----	----	----	1.889

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Hydrograph Discharge Table

Time (min)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
1439	1.797	62.82	1.889	----	----	----	1.886	----	----	----	----	1.886
1440	1.794	62.82	1.886	----	----	----	1.884	----	----	----	----	1.884
1441	1.790	62.82	1.884	----	----	----	1.882	----	----	----	----	1.882
1442	1.783	62.82	1.882	----	----	----	1.879	----	----	----	----	1.879
1443	1.773	62.82	1.879	----	----	----	1.877	----	----	----	----	1.877
1444	1.761	62.82	1.876	----	----	----	1.874	----	----	----	----	1.874
1445	1.747	62.82	1.873	----	----	----	1.871	----	----	----	----	1.871
1446	1.730	62.82	1.870	----	----	----	1.868	----	----	----	----	1.868
1447	1.711	62.82	1.867	----	----	----	1.864	----	----	----	----	1.864
1448	1.689	62.82	1.862	----	----	----	1.860	----	----	----	----	1.860
1449	1.665	62.82	1.858	----	----	----	1.855	----	----	----	----	1.855
1450	1.639	62.82	1.853	----	----	----	1.850	----	----	----	----	1.850
1451	1.610	62.82	1.847	----	----	----	1.845	----	----	----	----	1.845
1452	1.579	62.82	1.841	----	----	----	1.838	----	----	----	----	1.838
1453	1.546	62.82	1.834	----	----	----	1.832	----	----	----	----	1.832
1454	1.510	62.82	1.826	----	----	----	1.824	----	----	----	----	1.824
1455	1.472	62.82	1.818	----	----	----	1.816	----	----	----	----	1.816
1456	1.431	62.82	1.809	----	----	----	1.807	----	----	----	----	1.807
1457	1.388	62.82	1.799	----	----	----	1.797	----	----	----	----	1.797
1458	1.343	62.82	1.788	----	----	----	1.786	----	----	----	----	1.786
1459	1.295	62.82	1.777	----	----	----	1.774	----	----	----	----	1.774
1460	1.245	62.82	1.764	----	----	----	1.762	----	----	----	----	1.762
1461	1.193	62.82	1.751	----	----	----	1.748	----	----	----	----	1.748
1462	1.142	62.82	1.736	----	----	----	1.734	----	----	----	----	1.734
1463	1.091	62.82	1.721	----	----	----	1.718	----	----	----	----	1.718
1464	1.042	62.82	1.704	----	----	----	1.702	----	----	----	----	1.702
1465	0.995	62.81	1.687	----	----	----	1.685	----	----	----	----	1.685
1466	0.948	62.81	1.670	----	----	----	1.667	----	----	----	----	1.667
1467	0.902	62.81	1.651	----	----	----	1.649	----	----	----	----	1.649
1468	0.858	62.81	1.632	----	----	----	1.629	----	----	----	----	1.629
1469	0.815	62.81	1.612	----	----	----	1.610	----	----	----	----	1.610
1470	0.773	62.81	1.592	----	----	----	1.589	----	----	----	----	1.589
1471	0.732	62.81	1.571	----	----	----	1.568	----	----	----	----	1.568
1472	0.692	62.81	1.550	----	----	----	1.547	----	----	----	----	1.547
1473	0.653	62.81	1.528	----	----	----	1.525	----	----	----	----	1.525
1474	0.616	62.81	1.505	----	----	----	1.503	----	----	----	----	1.503
1475	0.579	62.81	1.483	----	----	----	1.480	----	----	----	----	1.480
1476	0.544	62.81	1.460	----	----	----	1.457	----	----	----	----	1.457
1477	0.510	62.80	1.437	----	----	----	1.434	----	----	----	----	1.434
1478	0.476	62.80	1.413	----	----	----	1.411	----	----	----	----	1.411
1479	0.445	62.80	1.389	----	----	----	1.387	----	----	----	----	1.387
1480	0.414	62.80	1.366	----	----	----	1.363	----	----	----	----	1.363
1481	0.384	62.80	1.341	----	----	----	1.339	----	----	----	----	1.339
1482	0.355	62.80	1.321	----	----	----	1.318	----	----	----	----	1.318
1483	0.328	62.80	1.307	----	----	----	1.305	----	----	----	----	1.305
1484	0.302	62.80	1.294	----	----	----	1.291	----	----	----	----	1.291
1485	0.276	62.80	1.280	----	----	----	1.277	----	----	----	----	1.277
1486	0.252	62.80	1.266	----	----	----	1.263	----	----	----	----	1.263
1487	0.229	62.79	1.252	----	----	----	1.249	----	----	----	----	1.249
1488	0.207	62.79	1.238	----	----	----	1.235	----	----	----	----	1.235
1489	0.186	62.79	1.223	----	----	----	1.221	----	----	----	----	1.221
1490	0.167	62.79	1.209	----	----	----	1.207	----	----	----	----	1.207
1491	0.148	62.79	1.195	----	----	----	1.192	----	----	----	----	1.192
1492	0.131	62.79	1.180	----	----	----	1.178	----	----	----	----	1.178
1493	0.114	62.79	1.166	----	----	----	1.163	----	----	----	----	1.163
1494	0.099	62.79	1.151	----	----	----	1.149	----	----	----	----	1.149

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Hydrograph Discharge Table

Time (min)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
1495	0.085	62.79	1.137	----	----	----	1.134	----	----	----	----	1.134
1496	0.072	62.78	1.122	----	----	----	1.120	----	----	----	----	1.120
1497	0.060	62.78	1.108	----	----	----	1.105	----	----	----	----	1.105
1498	0.049	62.78	1.093	----	----	----	1.091	----	----	----	----	1.091
1499	0.039	62.78	1.079	----	----	----	1.077	----	----	----	----	1.077
1500	0.030	62.78	1.064	----	----	----	1.062	----	----	----	----	1.062
1501	0.023	62.78	1.050	----	----	----	1.048	----	----	----	----	1.048
1502	0.016	62.78	1.036	----	----	----	1.034	----	----	----	----	1.034
1503	0.011	62.78	1.022	----	----	----	1.020	----	----	----	----	1.020
1504	0.006	62.78	1.008	----	----	----	1.006	----	----	----	----	1.006
1505	0.003	62.78	0.994	----	----	----	0.992	----	----	----	----	0.992
1506	0.001	62.77	0.981	----	----	----	0.979	----	----	----	----	0.979
1507	0.000	62.77	0.967	----	----	----	0.965	----	----	----	----	0.965
1508	0.000	62.77	0.954	----	----	----	0.952	----	----	----	----	0.952
1509	0.000	62.77	0.941	----	----	----	0.939	----	----	----	----	0.939
1510	0.000	62.77	0.928	----	----	----	0.926	----	----	----	----	0.926
1511	0.000	62.77	0.915	----	----	----	0.913	----	----	----	----	0.913
1512	0.000	62.77	0.902	----	----	----	0.901	----	----	----	----	0.901
1513	0.000	62.77	0.890	----	----	----	0.888	----	----	----	----	0.888
1514	0.000	62.77	0.878	----	----	----	0.876	----	----	----	----	0.876
1515	0.000	62.77	0.866	----	----	----	0.864	----	----	----	----	0.864
1516	0.000	62.76	0.854	----	----	----	0.852	----	----	----	----	0.852
1517	0.000	62.76	0.842	----	----	----	0.841	----	----	----	----	0.841
1518	0.000	62.76	0.831	----	----	----	0.829	----	----	----	----	0.829
1519	0.000	62.76	0.819	----	----	----	0.818	----	----	----	----	0.818
1520	0.000	62.76	0.808	----	----	----	0.806	----	----	----	----	0.806
1521	0.000	62.76	0.797	----	----	----	0.795	----	----	----	----	0.795
1522	0.000	62.76	0.786	----	----	----	0.784	----	----	----	----	0.784
1523	0.000	62.76	0.775	----	----	----	0.774	----	----	----	----	0.774
1524	0.000	62.76	0.765	----	----	----	0.763	----	----	----	----	0.763
1525	0.000	62.76	0.754	----	----	----	0.753	----	----	----	----	0.753
1526	0.000	62.76	0.744	----	----	----	0.742	----	----	----	----	0.742
1527	0.000	62.76	0.733	----	----	----	0.732	----	----	----	----	0.732
1528	0.000	62.75	0.723	----	----	----	0.722	----	----	----	----	0.722
1529	0.000	62.75	0.713	----	----	----	0.712	----	----	----	----	0.712
1530	0.000	62.75	0.704	----	----	----	0.702	----	----	----	----	0.702
1531	0.000	62.75	0.694	----	----	----	0.693	----	----	----	----	0.693
1532	0.000	62.75	0.684	----	----	----	0.683	----	----	----	----	0.683
1533	0.000	62.75	0.675	----	----	----	0.674	----	----	----	----	0.674
1534	0.000	62.75	0.666	----	----	----	0.664	----	----	----	----	0.664
1535	0.000	62.75	0.657	----	----	----	0.655	----	----	----	----	0.655
1536	0.000	62.75	0.648	----	----	----	0.646	----	----	----	----	0.646
1537	0.000	62.75	0.639	----	----	----	0.637	----	----	----	----	0.637
1538	0.000	62.75	0.630	----	----	----	0.629	----	----	----	----	0.629
1539	0.000	62.75	0.621	----	----	----	0.620	----	----	----	----	0.620
1540	0.000	62.75	0.613	----	----	----	0.612	----	----	----	----	0.612
1541	0.000	62.75	0.604	----	----	----	0.603	----	----	----	----	0.603
1542	0.000	62.74	0.596	----	----	----	0.595	----	----	----	----	0.595
1543	0.000	62.74	0.588	----	----	----	0.587	----	----	----	----	0.587
1544	0.000	62.74	0.580	----	----	----	0.579	----	----	----	----	0.579
1545	0.000	62.74	0.572	----	----	----	0.571	----	----	----	----	0.571
1546	0.000	62.74	0.564	----	----	----	0.563	----	----	----	----	0.563
1547	0.000	62.74	0.556	----	----	----	0.555	----	----	----	----	0.555
1548	0.000	62.74	0.549	----	----	----	0.548	----	----	----	----	0.548
1549	0.000	62.74	0.541	----	----	----	0.540	----	----	----	----	0.540
1550	0.000	62.74	0.534	----	----	----	0.533	----	----	----	----	0.533

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Hydrograph Discharge Table

Time (min)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
1551	0.000	62.74	0.526	----	----	----	0.525	----	----	----	----	0.525
1552	0.000	62.74	0.519	----	----	----	0.518	----	----	----	----	0.518
1553	0.000	62.74	0.512	----	----	----	0.511	----	----	----	----	0.511
1554	0.000	62.74	0.505	----	----	----	0.504	----	----	----	----	0.504
1555	0.000	62.74	0.498	----	----	----	0.497	----	----	----	----	0.497
1556	0.000	62.74	0.491	----	----	----	0.490	----	----	----	----	0.490
1557	0.000	62.74	0.484	----	----	----	0.483	----	----	----	----	0.483
1558	0.000	62.74	0.478	----	----	----	0.477	----	----	----	----	0.477
1559	0.000	62.74	0.471	----	----	----	0.470	----	----	----	----	0.470
1560	0.000	62.74	0.465	----	----	----	0.464	----	----	----	----	0.464
1561	0.000	62.73	0.458	----	----	----	0.457	----	----	----	----	0.457
1562	0.000	62.73	0.452	----	----	----	0.451	----	----	----	----	0.451
1563	0.000	62.73	0.446	----	----	----	0.445	----	----	----	----	0.445
1564	0.000	62.73	0.440	----	----	----	0.439	----	----	----	----	0.439
1565	0.000	62.73	0.434	----	----	----	0.433	----	----	----	----	0.433
1566	0.000	62.73	0.428	----	----	----	0.427	----	----	----	----	0.427
1567	0.000	62.73	0.422	----	----	----	0.421	----	----	----	----	0.421
1568	0.000	62.73	0.416	----	----	----	0.415	----	----	----	----	0.415
1569	0.000	62.73	0.410	----	----	----	0.410	----	----	----	----	0.410
1570	0.000	62.73	0.405	----	----	----	0.404	----	----	----	----	0.404
1571	0.000	62.73	0.399	----	----	----	0.398	----	----	----	----	0.398
1572	0.000	62.73	0.394	----	----	----	0.393	----	----	----	----	0.393
1573	0.000	62.73	0.388	----	----	----	0.388	----	----	----	----	0.388
1574	0.000	62.73	0.383	----	----	----	0.382	----	----	----	----	0.382
1575	0.000	62.73	0.378	----	----	----	0.377	----	----	----	----	0.377
1576	0.000	62.73	0.373	----	----	----	0.372	----	----	----	----	0.372
1577	0.000	62.73	0.367	----	----	----	0.367	----	----	----	----	0.367
1578	0.000	62.73	0.362	----	----	----	0.362	----	----	----	----	0.362
1579	0.000	62.73	0.357	----	----	----	0.357	----	----	----	----	0.357
1580	0.000	62.73	0.352	----	----	----	0.352	----	----	----	----	0.352
1581	0.000	62.73	0.348	----	----	----	0.347	----	----	----	----	0.347
1582	0.000	62.73	0.343	----	----	----	0.342	----	----	----	----	0.342
1583	0.000	62.73	0.338	----	----	----	0.337	----	----	----	----	0.337
1584	0.000	62.73	0.334	----	----	----	0.333	----	----	----	----	0.333
1585	0.000	62.72	0.329	----	----	----	0.328	----	----	----	----	0.328
1586	0.000	62.72	0.324	----	----	----	0.324	----	----	----	----	0.324
1587	0.000	62.72	0.320	----	----	----	0.319	----	----	----	----	0.319
1588	0.000	62.72	0.316	----	----	----	0.315	----	----	----	----	0.315
1589	0.000	62.72	0.311	----	----	----	0.311	----	----	----	----	0.311
1590	0.000	62.72	0.307	----	----	----	0.306	----	----	----	----	0.306
1591	0.000	62.72	0.303	----	----	----	0.302	----	----	----	----	0.302
1592	0.000	62.72	0.299	----	----	----	0.298	----	----	----	----	0.298
1593	0.000	62.72	0.294	----	----	----	0.294	----	----	----	----	0.294
1594	0.000	62.72	0.290	----	----	----	0.290	----	----	----	----	0.290
1595	0.000	62.72	0.286	----	----	----	0.286	----	----	----	----	0.286
1596	0.000	62.72	0.283	----	----	----	0.282	----	----	----	----	0.282
1597	0.000	62.72	0.279	----	----	----	0.278	----	----	----	----	0.278
1598	0.000	62.72	0.275	----	----	----	0.274	----	----	----	----	0.274
1599	0.000	62.72	0.271	----	----	----	0.270	----	----	----	----	0.270
1600	0.000	62.72	0.267	----	----	----	0.267	----	----	----	----	0.267
1601	0.000	62.72	0.264	----	----	----	0.263	----	----	----	----	0.263
1602	0.000	62.72	0.260	----	----	----	0.259	----	----	----	----	0.260
1603	0.000	62.72	0.256	----	----	----	0.256	----	----	----	----	0.256
1604	0.000	62.72	0.253	----	----	----	0.252	----	----	----	----	0.252
1605	0.000	62.72	0.249	----	----	----	0.249	----	----	----	----	0.249
1606	0.000	62.72	0.246	----	----	----	0.246	----	----	----	----	0.246

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Hydrograph Discharge Table

Time (min)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
1607	0.000	62.72	0.243	----	----	----	0.242	----	----	----	----	0.242
1608	0.000	62.72	0.239	----	----	----	0.239	----	----	----	----	0.239
1609	0.000	62.72	0.236	----	----	----	0.236	----	----	----	----	0.236
1610	0.000	62.72	0.233	----	----	----	0.232	----	----	----	----	0.232
1611	0.000	62.72	0.230	----	----	----	0.229	----	----	----	----	0.229
1612	0.000	62.72	0.226	----	----	----	0.226	----	----	----	----	0.226
1613	0.000	62.72	0.223	----	----	----	0.223	----	----	----	----	0.223
1614	0.000	62.72	0.220	----	----	----	0.220	----	----	----	----	0.220
1615	0.000	62.72	0.217	----	----	----	0.217	----	----	----	----	0.217
1616	0.000	62.72	0.214	----	----	----	0.214	----	----	----	----	0.214
1617	0.000	62.72	0.211	----	----	----	0.211	----	----	----	----	0.211
1618	0.000	62.72	0.208	----	----	----	0.208	----	----	----	----	0.208
1619	0.000	62.72	0.206	----	----	----	0.205	----	----	----	----	0.205
1620	0.000	62.72	0.203	----	----	----	0.202	----	----	----	----	0.202
1621	0.000	62.72	0.200	----	----	----	0.200	----	----	----	----	0.200
1622	0.000	62.71	0.197	----	----	----	0.197	----	----	----	----	0.197
1623	0.000	62.71	0.195	----	----	----	0.194	----	----	----	----	0.194
1624	0.000	62.71	0.192	----	----	----	0.191	----	----	----	----	0.191
1625	0.000	62.71	0.189	----	----	----	0.189	----	----	----	----	0.189
1626	0.000	62.71	0.187	----	----	----	0.186	----	----	----	----	0.186
1627	0.000	62.71	0.184	----	----	----	0.184	----	----	----	----	0.184
1628	0.000	62.71	0.182	----	----	----	0.181	----	----	----	----	0.181
1629	0.000	62.71	0.179	----	----	----	0.179	----	----	----	----	0.179
1630	0.000	62.71	0.177	----	----	----	0.176	----	----	----	----	0.176
1631	0.000	62.71	0.174	----	----	----	0.174	----	----	----	----	0.174
1632	0.000	62.71	0.172	----	----	----	0.171	----	----	----	----	0.171
1633	0.000	62.71	0.169	----	----	----	0.169	----	----	----	----	0.169
1634	0.000	62.71	0.167	----	----	----	0.167	----	----	----	----	0.167
1635	0.000	62.71	0.165	----	----	----	0.164	----	----	----	----	0.164
1636	0.000	62.71	0.163	----	----	----	0.162	----	----	----	----	0.162
1637	0.000	62.71	0.160	----	----	----	0.160	----	----	----	----	0.160
1638	0.000	62.71	0.158	----	----	----	0.158	----	----	----	----	0.158
1639	0.000	62.71	0.156	----	----	----	0.156	----	----	----	----	0.156
1640	0.000	62.71	0.154	----	----	----	0.153	----	----	----	----	0.153
1641	0.000	62.71	0.152	----	----	----	0.151	----	----	----	----	0.151
1642	0.000	62.71	0.150	----	----	----	0.149	----	----	----	----	0.149
1643	0.000	62.71	0.147	----	----	----	0.147	----	----	----	----	0.147
1644	0.000	62.71	0.145	----	----	----	0.145	----	----	----	----	0.145
1645	0.000	62.71	0.143	----	----	----	0.143	----	----	----	----	0.143
1646	0.000	62.71	0.142	----	----	----	0.141	----	----	----	----	0.141
1647	0.000	62.71	0.140	----	----	----	0.139	----	----	----	----	0.139
1648	0.000	62.71	0.138	----	----	----	0.137	----	----	----	----	0.137
1649	0.000	62.71	0.136	----	----	----	0.135	----	----	----	----	0.135
1650	0.000	62.71	0.134	----	----	----	0.134	----	----	----	----	0.134
1651	0.000	62.71	0.132	----	----	----	0.132	----	----	----	----	0.132
1652	0.000	62.71	0.130	----	----	----	0.130	----	----	----	----	0.130
1653	0.000	62.71	0.128	----	----	----	0.128	----	----	----	----	0.128
1654	0.000	62.71	0.127	----	----	----	0.126	----	----	----	----	0.126
1655	0.000	62.71	0.125	----	----	----	0.125	----	----	----	----	0.125
1656	0.000	62.71	0.123	----	----	----	0.123	----	----	----	----	0.123
1657	0.000	62.71	0.122	----	----	----	0.121	----	----	----	----	0.121
1658	0.000	62.71	0.120	----	----	----	0.120	----	----	----	----	0.120
1659	0.000	62.71	0.118	----	----	----	0.118	----	----	----	----	0.118
1660	0.000	62.71	0.117	----	----	----	0.116	----	----	----	----	0.116
1661	0.000	62.71	0.115	----	----	----	0.115	----	----	----	----	0.115
1662	0.000	62.71	0.113	----	----	----	0.113	----	----	----	----	0.113

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Hydrograph Discharge Table

Time (min)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
1663	0.000	62.71	0.112	----	----	----	0.112	----	----	----	----	0.112
1664	0.000	62.71	0.110	----	----	----	0.110	----	----	----	----	0.110
1665	0.000	62.71	0.109	----	----	----	0.109	----	----	----	----	0.109
1666	0.000	62.71	0.107	----	----	----	0.107	----	----	----	----	0.107
1667	0.000	62.71	0.106	----	----	----	0.106	----	----	----	----	0.106
1668	0.000	62.71	0.104	----	----	----	0.104	----	----	----	----	0.104
1669	0.000	62.71	0.103	----	----	----	0.103	----	----	----	----	0.103
1670	0.000	62.71	0.102	----	----	----	0.101	----	----	----	----	0.101
1671	0.000	62.71	0.100	----	----	----	0.100	----	----	----	----	0.100
1672	0.000	62.71	0.099	----	----	----	0.099	----	----	----	----	0.099
1673	0.000	62.71	0.097	----	----	----	0.097	----	----	----	----	0.097
1674	0.000	62.71	0.096	----	----	----	0.096	----	----	----	----	0.096
1675	0.000	62.71	0.095	----	----	----	0.095	----	----	----	----	0.095
1676	0.000	62.71	0.093	----	----	----	0.093	----	----	----	----	0.093
1677	0.000	62.71	0.092	----	----	----	0.092	----	----	----	----	0.092
1678	0.000	62.71	0.091	----	----	----	0.091	----	----	----	----	0.091
1679	0.000	62.71	0.090	----	----	----	0.089	----	----	----	----	0.089
1680	0.000	62.71	0.088	----	----	----	0.088	----	----	----	----	0.088
1681	0.000	62.71	0.087	----	----	----	0.087	----	----	----	----	0.087
1682	0.000	62.71	0.086	----	----	----	0.086	----	----	----	----	0.086
1683	0.000	62.71	0.085	----	----	----	0.085	----	----	----	----	0.085
1684	0.000	62.71	0.084	----	----	----	0.083	----	----	----	----	0.084
1685	0.000	62.71	0.083	----	----	----	0.082	----	----	----	----	0.082
1686	0.000	62.71	0.081	----	----	----	0.081	----	----	----	----	0.081
1687	0.000	62.71	0.080	----	----	----	0.080	----	----	----	----	0.080
1688	0.000	62.71	0.079	----	----	----	0.079	----	----	----	----	0.079
1689	0.000	62.71	0.078	----	----	----	0.078	----	----	----	----	0.078
1690	0.000	62.71	0.077	----	----	----	0.077	----	----	----	----	0.077
1691	0.000	62.71	0.076	----	----	----	0.076	----	----	----	----	0.076
1692	0.000	62.71	0.075	----	----	----	0.075	----	----	----	----	0.075
1693	0.000	62.71	0.074	----	----	----	0.074	----	----	----	----	0.074
1694	0.000	62.71	0.073	----	----	----	0.073	----	----	----	----	0.073
1695	0.000	62.71	0.072	----	----	----	0.072	----	----	----	----	0.072
1696	0.000	62.71	0.071	----	----	----	0.071	----	----	----	----	0.071
1697	0.000	62.71	0.070	----	----	----	0.070	----	----	----	----	0.070
1698	0.000	62.71	0.069	----	----	----	0.069	----	----	----	----	0.069
1699	0.000	62.71	0.068	----	----	----	0.068	----	----	----	----	0.068
1700	0.000	62.71	0.067	----	----	----	0.067	----	----	----	----	0.067
1701	0.000	62.70	0.066	----	----	----	0.066	----	----	----	----	0.066
1702	0.000	62.70	0.065	----	----	----	0.065	----	----	----	----	0.065
1703	0.000	62.70	0.064	----	----	----	0.064	----	----	----	----	0.064
1704	0.000	62.70	0.063	----	----	----	0.063	----	----	----	----	0.063
1705	0.000	62.70	0.063	----	----	----	0.062	----	----	----	----	0.062
1706	0.000	62.70	0.062	----	----	----	0.062	----	----	----	----	0.062
1707	0.000	62.70	0.061	----	----	----	0.061	----	----	----	----	0.061
1708	0.000	62.70	0.060	----	----	----	0.060	----	----	----	----	0.060
1709	0.000	62.70	0.059	----	----	----	0.059	----	----	----	----	0.059
1710	0.000	62.70	0.058	----	----	----	0.058	----	----	----	----	0.058
1711	0.000	62.70	0.058	----	----	----	0.058	----	----	----	----	0.057
1712	0.000	62.70	0.057	----	----	----	0.057	----	----	----	----	0.057
1713	0.000	62.70	0.056	----	----	----	0.056	----	----	----	----	0.056
1714	0.000	62.70	0.055	----	----	----	0.055	----	----	----	----	0.055
1715	0.000	62.70	0.054	----	----	----	0.054	----	----	----	----	0.054
1716	0.000	62.70	0.054	----	----	----	0.054	----	----	----	----	0.054
1717	0.000	62.70	0.053	----	----	----	0.053	----	----	----	----	0.053
1718	0.000	62.70	0.052	----	----	----	0.052	----	----	----	----	0.052

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Hydrograph Discharge Table

Time (min)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
1719	0.000	62.70	0.052	----	----	----	0.051	----	----	----	----	0.051
1720	0.000	62.70	0.051	----	----	----	0.051	----	----	----	----	0.051
1721	0.000	62.70	0.050	----	----	----	0.050	----	----	----	----	0.050
1722	0.000	62.70	0.049	----	----	----	0.049	----	----	----	----	0.049
1723	0.000	62.70	0.049	----	----	----	0.049	----	----	----	----	0.049
1724	0.000	62.70	0.048	----	----	----	0.048	----	----	----	----	0.048
1725	0.000	62.70	0.047	----	----	----	0.047	----	----	----	----	0.047
1726	0.000	62.70	0.047	----	----	----	0.047	----	----	----	----	0.047
1727	0.000	62.70	0.046	----	----	----	0.046	----	----	----	----	0.046
1728	0.000	62.70	0.046	----	----	----	0.045	----	----	----	----	0.045
1729	0.000	62.70	0.045	----	----	----	0.045	----	----	----	----	0.045
1730	0.000	62.70	0.044	----	----	----	0.044	----	----	----	----	0.044
1731	0.000	62.70	0.044	----	----	----	0.044	----	----	----	----	0.044
1732	0.000	62.70	0.043	----	----	----	0.043	----	----	----	----	0.043
1733	0.000	62.70	0.043	----	----	----	0.042	----	----	----	----	0.042
1734	0.000	62.70	0.042	----	----	----	0.042	----	----	----	----	0.042
1735	0.000	62.70	0.041	----	----	----	0.041	----	----	----	----	0.041
1736	0.000	62.70	0.041	----	----	----	0.041	----	----	----	----	0.041
1737	0.000	62.70	0.040	----	----	----	0.040	----	----	----	----	0.040
1738	0.000	62.70	0.040	----	----	----	0.040	----	----	----	----	0.040
1739	0.000	62.70	0.039	----	----	----	0.039	----	----	----	----	0.039
1740	0.000	62.70	0.039	----	----	----	0.038	----	----	----	----	0.038
1741	0.000	62.70	0.038	----	----	----	0.038	----	----	----	----	0.038
1742	0.000	62.70	0.038	----	----	----	0.037	----	----	----	----	0.037
1743	0.000	62.70	0.037	----	----	----	0.037	----	----	----	----	0.037
1744	0.000	62.70	0.036	----	----	----	0.036	----	----	----	----	0.036
1745	0.000	62.70	0.036	----	----	----	0.036	----	----	----	----	0.036
1746	0.000	62.70	0.035	----	----	----	0.035	----	----	----	----	0.035
1747	0.000	62.70	0.035	----	----	----	0.035	----	----	----	----	0.035
1748	0.000	62.70	0.035	----	----	----	0.034	----	----	----	----	0.034
1749	0.000	62.70	0.034	----	----	----	0.034	----	----	----	----	0.034
1750	0.000	62.70	0.034	----	----	----	0.034	----	----	----	----	0.034
1751	0.000	62.70	0.033	----	----	----	0.033	----	----	----	----	0.033
1752	0.000	62.70	0.033	----	----	----	0.033	----	----	----	----	0.033
1753	0.000	62.70	0.032	----	----	----	0.032	----	----	----	----	0.032
1754	0.000	62.70	0.032	----	----	----	0.032	----	----	----	----	0.032
1755	0.000	62.70	0.031	----	----	----	0.031	----	----	----	----	0.031
1756	0.000	62.70	0.031	----	----	----	0.031	----	----	----	----	0.031
1757	0.000	62.70	0.030	----	----	----	0.030	----	----	----	----	0.030
1758	0.000	62.70	0.030	----	----	----	0.030	----	----	----	----	0.030

...End

Hydrograph Report

Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2009 by Autodesk, Inc. v6.066

Thursday, Jul 2, 2009

Hyd. No. 1

Developed site storm event

Hydrograph type	=	SCS Runoff	Peak discharge	=	23.03 cfs
Storm frequency	=	100 yrs	Time to peak	=	495 min
Time interval	=	1 min	Hyd. volume	=	397,003 cuft
Drainage area	=	25.500 ac	Curve number	=	91
Basin Slope	=	0.0 %	Hydraulic length	=	0 ft
Tc method	=	TR55	Time of conc. (Tc)	=	34.0 min
Total precip.	=	5.30 in	Distribution	=	Type IA
Storm duration	=	24 hrs	Shape factor	=	400

Hydrograph Discharge Table

(Printed values >= 1.00% of Qp.)

Time -- Outflow (min cfs)	Time -- Outflow (min cfs)	Time -- Outflow (min cfs)	Time -- Outflow (min cfs)
133 0.243	172 0.955	211 1.536	250 2.213
134 0.258	173 0.972	212 1.549	251 2.232
135 0.274	174 0.990	213 1.564	252 2.250
136 0.290	175 1.007	214 1.578	253 2.268
137 0.306	176 1.024	215 1.592	254 2.286
138 0.323	177 1.041	216 1.607	255 2.304
139 0.340	178 1.057	217 1.622	256 2.322
140 0.358	179 1.074	218 1.637	257 2.340
141 0.375	180 1.090	219 1.653	258 2.357
142 0.393	181 1.107	220 1.668	259 2.375
143 0.411	182 1.123	221 1.684	260 2.392
144 0.429	183 1.139	222 1.700	261 2.409
145 0.448	184 1.155	223 1.717	262 2.427
146 0.467	185 1.170	224 1.733	263 2.444
147 0.485	186 1.186	225 1.750	264 2.461
148 0.504	187 1.201	226 1.767	265 2.478
149 0.523	188 1.216	227 1.784	266 2.495
150 0.543	189 1.231	228 1.802	267 2.512
151 0.562	190 1.246	229 1.820	268 2.529
152 0.581	191 1.260	230 1.838	269 2.547
153 0.600	192 1.275	231 1.856	270 2.564
154 0.620	193 1.289	232 1.874	271 2.581
155 0.639	194 1.304	233 1.893	272 2.598
156 0.659	195 1.318	234 1.912	273 2.616
157 0.678	196 1.332	235 1.930	274 2.633
158 0.697	197 1.345	236 1.949	275 2.650
159 0.716	198 1.359	237 1.968	276 2.668
160 0.736	199 1.373	238 1.987	277 2.685
161 0.755	200 1.386	239 2.006	278 2.703
162 0.774	201 1.400	240 2.025	279 2.720
163 0.792	202 1.413	241 2.044	280 2.738
164 0.811	203 1.427	242 2.063	281 2.756
165 0.830	204 1.440	243 2.082	282 2.774
166 0.848	205 1.454	244 2.101	283 2.792
167 0.866	206 1.467	245 2.120	284 2.810
168 0.884	207 1.481	246 2.139	285 2.829
169 0.902	208 1.494	247 2.158	286 2.847
170 0.920	209 1.508	248 2.176	287 2.866
171 0.938	210 1.522	249 2.195	288 2.885

Continues on next page...

Hydrograph Discharge Table

Time -- Outflow (min cfs)	Time -- Outflow (min cfs)	Time -- Outflow (min cfs)	Time -- Outflow (min cfs)
289	2.904	345	4.277
290	2.923	346	4.302
291	2.943	347	4.326
292	2.962	348	4.349
293	2.982	349	4.373
294	3.002	350	4.397
295	3.022	351	4.420
296	3.043	352	4.444
297	3.064	353	4.468
298	3.084	354	4.492
299	3.105	355	4.516
300	3.127	356	4.541
301	3.148	357	4.565
302	3.170	358	4.590
303	3.193	359	4.616
304	3.215	360	4.642
305	3.238	361	4.668
306	3.261	362	4.694
307	3.285	363	4.722
308	3.309	364	4.750
309	3.333	365	4.779
310	3.357	366	4.809
311	3.382	367	4.840
312	3.407	368	4.871
313	3.432	369	4.904
314	3.458	370	4.937
315	3.484	371	4.971
316	3.510	372	5.005
317	3.536	373	5.041
318	3.562	374	5.077
319	3.589	375	5.114
320	3.616	376	5.152
321	3.643	377	5.190
322	3.671	378	5.230
323	3.698	379	5.269
324	3.725	380	5.310
325	3.753	381	5.351
326	3.780	382	5.392
327	3.808	383	5.434
328	3.835	384	5.475
329	3.863	385	5.516
330	3.890	386	5.557
331	3.917	387	5.598
332	3.945	388	5.638
333	3.971	389	5.679
334	3.998	390	5.718
335	4.025	391	5.758
336	4.051	392	5.796
337	4.077	393	5.832
338	4.103	394	5.868
339	4.128	395	5.902
340	4.154	396	5.935
341	4.179	397	5.966
342	4.204	398	5.996
343	4.229	399	6.025
344	4.253	400	6.053
		401	6.079
		402	6.104
		403	6.127
		404	6.149
		405	6.170
		406	6.190
		407	6.208
		408	6.226
		409	6.242
		410	6.258
		411	6.273
		412	6.287
		413	6.302
		414	6.318
		415	6.334
		416	6.351
		417	6.368
		418	6.387
		419	6.407
		420	6.427
		421	6.449
		422	6.472
		423	6.497
		424	6.522
		425	6.550
		426	6.578
		427	6.609
		428	6.641
		429	6.675
		430	6.711
		431	6.750
		432	6.790
		433	6.833
		434	6.878
		435	6.926
		436	6.976
		437	7.028
		438	7.083
		439	7.141
		440	7.201
		441	7.265
		442	7.331
		443	7.400
		444	7.472
		445	7.547
		446	7.625
		447	7.705
		448	7.790
		449	7.877
		450	7.967
		451	8.076
		452	8.206
		453	8.355
		454	8.526
		455	8.718
		456	8.932
		457	9.168
		458	9.426
		459	9.707
		460	10.01
		461	10.34
		462	10.69
		463	11.06
		464	11.45
		465	11.87
		466	12.31
		467	12.77
		468	13.25
		469	13.76
		470	14.28
		471	14.83
		472	15.37
		473	15.91
		474	16.45
		475	16.97
		476	17.49
		477	18.00
		478	18.50
		479	18.98
		480	19.46
		481	19.90
		482	20.33
		483	20.72
		484	21.08
		485	21.42
		486	21.73
		487	22.00
		488	22.24
		489	22.45
		490	22.63
		491	22.78
		492	22.89
		493	22.97
		494	23.01
		495	23.03 <<
		496	23.00
		497	22.95
		498	22.86
		499	22.74
		500	22.59
		501	22.40
		502	22.20
		503	21.98
		504	21.75
		505	21.50
		506	21.25
		507	20.97
		508	20.69
		509	20.39
		510	20.09
		511	19.78
		512	19.46

Continues on next page...

Hydrograph Discharge Table

Time -- Outflow (min cfs)	Time -- Outflow (min cfs)	Time -- Outflow (min cfs)	Time -- Outflow (min cfs)
513	19.13	569	8.680
514	18.80	570	8.608
515	18.47	571	8.534
516	18.13	572	8.462
517	17.78	573	8.391
518	17.43	574	8.320
519	17.09	575	8.251
520	16.75	576	8.184
521	16.42	577	8.117
522	16.09	578	8.051
523	15.77	579	7.988
524	15.46	580	7.928
525	15.16	581	7.869
526	14.87	582	7.813
527	14.58	583	7.759
528	14.31	584	7.707
529	14.04	585	7.656
530	13.78	586	7.608
531	13.54	587	7.562
532	13.30	588	7.517
533	13.07	589	7.475
534	12.84	590	7.434
535	12.62	591	7.395
536	12.41	592	7.361
537	12.21	593	7.329
538	12.02	594	7.298
539	11.84	595	7.268
540	11.66	596	7.238
541	11.49	597	7.210
542	11.33	598	7.182
543	11.18	599	7.155
544	11.03	600	7.129
545	10.90	601	7.107
546	10.77	602	7.085
547	10.65	603	7.064
548	10.54	604	7.043
549	10.43	605	7.023
550	10.32	606	7.003
551	10.22	607	6.983
552	10.11	608	6.964
553	10.01	609	6.943
554	9.918	610	6.924
555	9.823	611	6.904
556	9.730	612	6.885
557	9.639	613	6.865
558	9.550	614	6.846
559	9.462	615	6.827
560	9.376	616	6.808
561	9.291	617	6.789
562	9.210	618	6.770
563	9.131	619	6.751
564	9.053	620	6.732
565	8.977	621	6.713
566	8.901	622	6.690
567	8.826	623	6.667
568	8.753	624	6.644
		625	6.622
		626	6.599
		627	6.577
		628	6.555
		629	6.533
		630	6.511
		631	6.490
		632	6.469
		633	6.449
		634	6.429
		635	6.410
		636	6.391
		637	6.373
		638	6.355
		639	6.336
		640	6.318
		641	6.301
		642	6.284
		643	6.267
		644	6.252
		645	6.237
		646	6.222
		647	6.208
		648	6.194
		649	6.181
		650	6.168
		651	6.156
		652	6.144
		653	6.132
		654	6.119
		655	6.107
		656	6.095
		657	6.083
		658	6.070
		659	6.058
		660	6.045
		661	6.033
		662	6.020
		663	6.008
		664	5.995
		665	5.982
		666	5.970
		667	5.957
		668	5.944
		669	5.932
		670	5.920
		671	5.908
		672	5.896
		673	5.884
		674	5.872
		675	5.859
		676	5.846
		677	5.833
		678	5.820
		679	5.807
		680	5.793
		681	5.780
		682	5.766
		683	5.752
		684	5.737
		685	5.723
		686	5.708
		687	5.694
		688	5.679
		689	5.664
		690	5.648
		691	5.633
		692	5.617
		693	5.601
		694	5.584
		695	5.567
		696	5.550
		697	5.533
		698	5.516
		699	5.498
		700	5.480
		701	5.463
		702	5.445
		703	5.427
		704	5.409
		705	5.391
		706	5.373
		707	5.355
		708	5.337
		709	5.319
		710	5.301
		711	5.283
		712	5.265
		713	5.247
		714	5.230
		715	5.213
		716	5.197
		717	5.180
		718	5.164
		719	5.149
		720	5.134
		721	5.119
		722	5.104
		723	5.090
		724	5.076
		725	5.063
		726	5.050
		727	5.038
		728	5.026
		729	5.014
		730	5.003
		731	4.993
		732	4.983
		733	4.973
		734	4.964
		735	4.956
		736	4.948

Continues on next page...

Hydrograph Discharge Table

Time -- Outflow (min cfs)	Time -- Outflow (min cfs)	Time -- Outflow (min cfs)	Time -- Outflow (min cfs)
737	4.941	793	4.756
738	4.934	794	4.753
739	4.927	795	4.751
740	4.922	796	4.749
741	4.917	797	4.747
742	4.912	798	4.745
743	4.908	799	4.743
744	4.905	800	4.742
745	4.902	801	4.740
746	4.900	802	4.739
747	4.898	803	4.737
748	4.897	804	4.734
749	4.897	805	4.731
750	4.897	806	4.728
751	4.897	807	4.725
752	4.898	808	4.721
753	4.898	809	4.717
754	4.899	810	4.713
755	4.899	811	4.708
756	4.900	812	4.704
757	4.900	813	4.699
758	4.901	814	4.695
759	4.901	815	4.690
760	4.900	816	4.685
761	4.900	817	4.680
762	4.899	818	4.675
763	4.897	819	4.670
764	4.895	820	4.665
765	4.893	821	4.660
766	4.890	822	4.654
767	4.887	823	4.648
768	4.883	824	4.643
769	4.878	825	4.637
770	4.873	826	4.630
771	4.867	827	4.624
772	4.861	828	4.618
773	4.855	829	4.612
774	4.848	830	4.605
775	4.842	831	4.599
776	4.836	832	4.592
777	4.829	833	4.585
778	4.823	834	4.579
779	4.816	835	4.572
780	4.810	836	4.565
781	4.804	837	4.559
782	4.798	838	4.552
783	4.793	839	4.545
784	4.788	840	4.539
785	4.783	841	4.532
786	4.779	842	4.526
787	4.775	843	4.519
788	4.771	844	4.513
789	4.767	845	4.507
790	4.764	846	4.501
791	4.761	847	4.495
792	4.758	848	4.490
		849	4.484
		850	4.479
		851	4.474
		852	4.470
		853	4.466
		854	4.461
		855	4.458
		856	4.454
		857	4.451
		858	4.448
		859	4.445
		860	4.442
		861	4.439
		862	4.437
		863	4.434
		864	4.432
		865	4.429
		866	4.427
		867	4.425
		868	4.423
		869	4.420
		870	4.418
		871	4.416
		872	4.414
		873	4.412
		874	4.410
		875	4.408
		876	4.405
		877	4.403
		878	4.401
		879	4.399
		880	4.397
		881	4.395
		882	4.393
		883	4.390
		884	4.388
		885	4.386
		886	4.384
		887	4.381
		888	4.379
		889	4.377
		890	4.374
		891	4.372
		892	4.369
		893	4.367
		894	4.364
		895	4.361
		896	4.359
		897	4.356
		898	4.353
		899	4.351
		900	4.348
		901	4.345
		902	4.342
		903	4.339
		904	4.336
		905	4.333
		906	4.330
		907	4.327
		908	4.324
		909	4.321
		910	4.318
		911	4.315
		912	4.312
		913	4.309
		914	4.306
		915	4.302
		916	4.299
		917	4.296
		918	4.293
		919	4.290
		920	4.287
		921	4.284
		922	4.281
		923	4.278
		924	4.275
		925	4.271
		926	4.268
		927	4.265
		928	4.262
		929	4.259
		930	4.256
		931	4.253
		932	4.250
		933	4.247
		934	4.243
		935	4.240
		936	4.237
		937	4.234
		938	4.231
		939	4.228
		940	4.225
		941	4.222
		942	4.219
		943	4.215
		944	4.212
		945	4.209
		946	4.206
		947	4.203
		948	4.200
		949	4.197
		950	4.194
		951	4.191
		952	4.187
		953	4.184
		954	4.181
		955	4.178
		956	4.175
		957	4.172
		958	4.169
		959	4.165
		960	4.162

Continues on next page...

Hydrograph Discharge Table

Time -- Outflow (min cfs)	Time -- Outflow (min cfs)	Time -- Outflow (min cfs)	Time -- Outflow (min cfs)
961	4.159	1017	3.983
962	4.156	1018	3.979
963	4.153	1019	3.976
964	4.150	1020	3.973
965	4.147	1021	3.970
966	4.144	1022	3.967
967	4.140	1023	3.964
968	4.137	1024	3.960
969	4.134	1025	3.957
970	4.131	1026	3.954
971	4.128	1027	3.951
972	4.125	1028	3.948
973	4.122	1029	3.945
974	4.118	1030	3.941
975	4.115	1031	3.938
976	4.112	1032	3.935
977	4.109	1033	3.932
978	4.106	1034	3.929
979	4.103	1035	3.925
980	4.100	1036	3.922
981	4.096	1037	3.919
982	4.093	1038	3.916
983	4.090	1039	3.913
984	4.087	1040	3.910
985	4.084	1041	3.906
986	4.081	1042	3.903
987	4.078	1043	3.900
988	4.074	1044	3.897
989	4.071	1045	3.894
990	4.068	1046	3.890
991	4.065	1047	3.887
992	4.062	1048	3.884
993	4.059	1049	3.881
994	4.055	1050	3.878
995	4.052	1051	3.874
996	4.049	1052	3.871
997	4.046	1053	3.868
998	4.043	1054	3.865
999	4.040	1055	3.862
1000	4.036	1056	3.858
1001	4.033	1057	3.855
1002	4.030	1058	3.852
1003	4.027	1059	3.849
1004	4.024	1060	3.846
1005	4.021	1061	3.842
1006	4.018	1062	3.839
1007	4.014	1063	3.836
1008	4.011	1064	3.833
1009	4.008	1065	3.830
1010	4.005	1066	3.826
1011	4.002	1067	3.823
1012	3.999	1068	3.820
1013	3.995	1069	3.817
1014	3.992	1070	3.814
1015	3.989	1071	3.810
1016	3.986	1072	3.807
		1073	3.804
		1074	3.801
		1075	3.798
		1076	3.794
		1077	3.791
		1078	3.788
		1079	3.785
		1080	3.782
		1081	3.778
		1082	3.775
		1083	3.772
		1084	3.769
		1085	3.765
		1086	3.762
		1087	3.759
		1088	3.756
		1089	3.753
		1090	3.749
		1091	3.746
		1092	3.743
		1093	3.740
		1094	3.737
		1095	3.733
		1096	3.730
		1097	3.727
		1098	3.724
		1099	3.720
		1100	3.717
		1101	3.714
		1102	3.711
		1103	3.708
		1104	3.704
		1105	3.701
		1106	3.698
		1107	3.695
		1108	3.691
		1109	3.688
		1110	3.685
		1111	3.682
		1112	3.679
		1113	3.675
		1114	3.672
		1115	3.669
		1116	3.666
		1117	3.662
		1118	3.659
		1119	3.656
		1120	3.653
		1121	3.649
		1122	3.646
		1123	3.643
		1124	3.640
		1125	3.637
		1126	3.633
		1127	3.630
		1128	3.627
		1129	3.624
		1130	3.620
		1131	3.617
		1132	3.614
		1133	3.611
		1134	3.607
		1135	3.604
		1136	3.601
		1137	3.598
		1138	3.594
		1139	3.591
		1140	3.588
		1141	3.585
		1142	3.582
		1143	3.578
		1144	3.575
		1145	3.572
		1146	3.569
		1147	3.565
		1148	3.562
		1149	3.559
		1150	3.556
		1151	3.552
		1152	3.549
		1153	3.546
		1154	3.543
		1155	3.539
		1156	3.536
		1157	3.533
		1158	3.530
		1159	3.526
		1160	3.523
		1161	3.520
		1162	3.517
		1163	3.513
		1164	3.510
		1165	3.507
		1166	3.504
		1167	3.500
		1168	3.497
		1169	3.494
		1170	3.491
		1171	3.487
		1172	3.484
		1173	3.481
		1174	3.478
		1175	3.474
		1176	3.471
		1177	3.468
		1178	3.465
		1179	3.461
		1180	3.458
		1181	3.455
		1182	3.452
		1183	3.448
		1184	3.445

Continues on next page...

Hydrograph Discharge Table

Time -- Outflow (min cfs)	Time -- Outflow (min cfs)	Time -- Outflow (min cfs)	Time -- Outflow (min cfs)
1185	3.442	1241	3.259
1186	3.439	1242	3.255
1187	3.435	1243	3.252
1188	3.432	1244	3.249
1189	3.429	1245	3.246
1190	3.425	1246	3.242
1191	3.422	1247	3.239
1192	3.419	1248	3.236
1193	3.416	1249	3.232
1194	3.412	1250	3.229
1195	3.409	1251	3.226
1196	3.406	1252	3.223
1197	3.403	1253	3.219
1198	3.399	1254	3.216
1199	3.396	1255	3.213
1200	3.393	1256	3.209
1201	3.390	1257	3.206
1202	3.386	1258	3.203
1203	3.383	1259	3.200
1204	3.380	1260	3.196
1205	3.377	1261	3.193
1206	3.373	1262	3.190
1207	3.370	1263	3.186
1208	3.367	1264	3.183
1209	3.363	1265	3.180
1210	3.360	1266	3.177
1211	3.357	1267	3.173
1212	3.354	1268	3.170
1213	3.350	1269	3.167
1214	3.347	1270	3.163
1215	3.344	1271	3.160
1216	3.341	1272	3.157
1217	3.337	1273	3.154
1218	3.334	1274	3.150
1219	3.331	1275	3.147
1220	3.327	1276	3.144
1221	3.324	1277	3.140
1222	3.321	1278	3.137
1223	3.318	1279	3.134
1224	3.314	1280	3.131
1225	3.311	1281	3.127
1226	3.308	1282	3.124
1227	3.305	1283	3.121
1228	3.301	1284	3.117
1229	3.298	1285	3.114
1230	3.295	1286	3.111
1231	3.291	1287	3.107
1232	3.288	1288	3.104
1233	3.285	1289	3.101
1234	3.282	1290	3.098
1235	3.278	1291	3.094
1236	3.275	1292	3.091
1237	3.272	1293	3.088
1238	3.269	1294	3.084
1239	3.265	1295	3.081
1240	3.262	1296	3.078
		1297	3.075
		1298	3.071
		1299	3.068
		1300	3.065
		1301	3.061
		1302	3.058
		1303	3.055
		1304	3.051
		1305	3.048
		1306	3.045
		1307	3.042
		1308	3.038
		1309	3.035
		1310	3.032
		1311	3.028
		1312	3.025
		1313	3.022
		1314	3.018
		1315	3.015
		1316	3.012
		1317	3.009
		1318	3.005
		1319	3.002
		1320	2.999
		1321	2.995
		1322	2.992
		1323	2.989
		1324	2.985
		1325	2.982
		1326	2.979
		1327	2.975
		1328	2.972
		1329	2.969
		1330	2.966
		1331	2.962
		1332	2.959
		1333	2.956
		1334	2.952
		1335	2.949
		1336	2.946
		1337	2.942
		1338	2.939
		1339	2.936
		1340	2.933
		1341	2.929
		1342	2.926
		1343	2.923
		1344	2.919
		1345	2.916
		1346	2.913
		1347	2.909
		1348	2.906
		1349	2.903
		1350	2.899
		1351	2.896
		1352	2.893
		1353	2.889
		1354	2.886
		1355	2.883
		1356	2.880
		1357	2.876
		1358	2.873
		1359	2.870
		1360	2.866
		1361	2.863
		1362	2.860
		1363	2.856
		1364	2.853
		1365	2.850
		1366	2.846
		1367	2.843
		1368	2.840
		1369	2.836
		1370	2.833
		1371	2.830
		1372	2.827
		1373	2.823
		1374	2.820
		1375	2.817
		1376	2.813
		1377	2.810
		1378	2.807
		1379	2.803
		1380	2.800
		1381	2.797
		1382	2.793
		1383	2.790
		1384	2.787
		1385	2.783
		1386	2.780
		1387	2.777
		1388	2.773
		1389	2.770
		1390	2.767
		1391	2.763
		1392	2.760
		1393	2.757
		1394	2.753
		1395	2.750
		1396	2.747
		1397	2.744
		1398	2.740
		1399	2.737
		1400	2.734
		1401	2.730
		1402	2.727
		1403	2.724
		1404	2.720
		1405	2.717
		1406	2.714
		1407	2.710
		1408	2.707

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Hydrograph Discharge Table

Time -- Outflow (min cfs)	Time -- Outflow (min cfs)
1409	2.704
1410	2.700
1411	2.697
1412	2.694
1413	2.690
1414	2.687
1415	2.684
1416	2.680
1417	2.677
1418	2.674
1419	2.670
1420	2.667
1421	2.664
1422	2.660
1423	2.657
1424	2.654
1425	2.650
1426	2.647
1427	2.644
1428	2.640
1429	2.637
1430	2.634
1431	2.630
1432	2.627
1433	2.624
1434	2.620
1435	2.617
1436	2.614
1437	2.610
1438	2.607
1439	2.604
1440	2.600
1441	2.594
1442	2.583
1443	2.570
1444	2.552
1445	2.531
1446	2.507
1447	2.479
1448	2.448
1449	2.413
1450	2.375
1451	2.334
1452	2.289
1453	2.240
1454	2.188
1455	2.133
1456	2.074
1457	2.012
1458	1.946
1459	1.877
1460	1.804
1461	1.728
1462	1.654
1463	1.581
1464	1.511
	1.441
	1.374
	1.308
	1.243
	1.181
	1.120
	1.060
	1.002
	0.946
	0.892
	0.839
	0.788
	0.738
	0.690
	0.644
	0.599
	0.556
	0.515
	0.475
	0.437
	0.400
	0.365
	0.332
	0.300
	0.270
	0.242
	...End

Hydrograph Report

Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2009 by Autodesk, Inc. v6.066

Thursday, Jul 2, 2009

Hyd. No. 2

Detention pond outflow

Hydrograph type	= Reservoir	Peak discharge	= 7.458 cfs
Storm frequency	= 100 yrs	Time to peak	= 589 min
Time interval	= 1 min	Hyd. volume	= 253,870 cuft
Inflow hyd. No.	= 1 - Developed site storm event	Reservoir name	= Detention Pond
Max. Elevation	= 63.02 ft	Max. Storage	= 161,345 cuft

Storage Indication method used.

Hydrograph Discharge Table

(Printed values >= 1.00% of Qp.)

Time (min)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
528	14.31	62.72	0.246	----	----	----	0.246	----	----	----	----	0.246
529	14.04	62.73	0.438	----	----	----	0.437	----	----	----	----	0.437
530	13.78	62.75	0.623	----	----	----	0.622	----	----	----	----	0.622
531	13.54	62.76	0.803	----	----	----	0.801	----	----	----	----	0.801
532	13.30	62.77	0.976	----	----	----	0.974	----	----	----	----	0.974
533	13.07	62.79	1.144	----	----	----	1.142	----	----	----	----	1.142
534	12.84	62.80	1.307	----	----	----	1.304	----	----	----	----	1.304
535	12.62	62.81	1.577	----	----	----	1.575	----	----	----	----	1.575
536	12.41	62.82	1.850	----	----	----	1.848	----	----	----	----	1.848
537	12.21	62.83	2.111	----	----	----	2.109	----	----	----	----	2.109
538	12.02	62.84	2.361	----	----	----	2.359	----	----	----	----	2.359
539	11.84	62.85	2.600	----	----	----	2.598	----	----	----	----	2.598
540	11.66	62.86	2.829	----	----	----	2.826	----	----	----	----	2.826
541	11.49	62.87	3.047	----	----	----	3.045	----	----	----	----	3.045
542	11.33	62.88	3.256	----	----	----	3.254	----	----	----	----	3.254
543	11.18	62.89	3.455	----	----	----	3.454	----	----	----	----	3.454
544	11.03	62.90	3.646	----	----	----	3.645	----	----	----	----	3.645
545	10.90	62.90	3.854	----	----	----	3.853	----	----	----	----	3.853
546	10.77	62.91	4.079	----	----	----	4.077	----	----	----	----	4.077
547	10.65	62.92	4.293	----	----	----	4.291	----	----	----	----	4.291
548	10.54	62.92	4.495	----	----	----	4.494	----	----	----	----	4.494
549	10.43	62.93	4.688	----	----	----	4.687	----	----	----	----	4.687
550	10.32	62.94	4.871	----	----	----	4.870	----	----	----	----	4.870
551	10.22	62.94	5.045	----	----	----	5.044	----	----	----	----	5.044
552	10.11	62.95	5.210	----	----	----	5.209	----	----	----	----	5.209
553	10.01	62.95	5.366	----	----	----	5.365	----	----	----	----	5.365
554	9.918	62.96	5.514	----	----	----	5.514	----	----	----	----	5.514
555	9.823	62.96	5.655	----	----	----	5.654	----	----	----	----	5.654
556	9.730	62.97	5.788	----	----	----	5.787	----	----	----	----	5.787
557	9.639	62.97	5.913	----	----	----	5.912	----	----	----	----	5.912
558	9.550	62.97	6.032	----	----	----	6.031	----	----	----	----	6.031
559	9.462	62.98	6.144	----	----	----	6.143	----	----	----	----	6.143
560	9.376	62.98	6.249	----	----	----	6.248	----	----	----	----	6.248
561	9.291	62.98	6.348	----	----	----	6.348	----	----	----	----	6.348
562	9.210	62.99	6.442	----	----	----	6.441	----	----	----	----	6.441
563	9.131	62.99	6.530	----	----	----	6.529	----	----	----	----	6.529
564	9.053	62.99	6.612	----	----	----	6.612	----	----	----	----	6.612
565	8.977	62.99	6.690	----	----	----	6.689	----	----	----	----	6.689
566	8.901	63.00	6.762	----	----	----	6.762	----	----	----	----	6.762
567	8.826	63.00	6.830	----	----	----	6.829	----	----	----	----	6.829
568	8.753	63.00	6.894	----	----	----	6.894	----	----	----	----	6.894
569	8.680	63.00	6.957	----	----	----	6.957	----	----	----	----	6.957

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Hydrograph Discharge Table

Time (min)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
570	8.608	63.00	7.016	----	----	----	7.015	----	----	----	----	7.015
571	8.534	63.01	7.069	----	----	----	7.069	----	----	----	----	7.069
572	8.462	63.01	7.119	----	----	----	7.118	----	----	----	----	7.118
573	8.391	63.01	7.164	----	----	----	7.163	----	----	----	----	7.163
574	8.320	63.01	7.205	----	----	----	7.205	----	----	----	----	7.205
575	8.251	63.01	7.242	----	----	----	7.242	----	----	----	----	7.242
576	8.184	63.01	7.276	----	----	----	7.276	----	----	----	----	7.276
577	8.117	63.01	7.306	----	----	----	7.306	----	----	----	----	7.306
578	8.051	63.01	7.333	----	----	----	7.333	----	----	----	----	7.333
579	7.988	63.01	7.357	----	----	----	7.356	----	----	----	----	7.356
580	7.928	63.01	7.378	----	----	----	7.377	----	----	----	----	7.377
581	7.869	63.01	7.396	----	----	----	7.395	----	----	----	----	7.395
582	7.813	63.01	7.411	----	----	----	7.411	----	----	----	----	7.411
583	7.759	63.01	7.424	----	----	----	7.424	----	----	----	----	7.424
584	7.707	63.02	7.435	----	----	----	7.434	----	----	----	----	7.434
585	7.656	63.02	7.443	----	----	----	7.443	----	----	----	----	7.443
586	7.608	63.02	7.450	----	----	----	7.449	----	----	----	----	7.449
587	7.562	63.02	7.454	----	----	----	7.454	----	----	----	----	7.454
588	7.517	63.02	7.457	----	----	----	7.457	----	----	----	----	7.457
589	7.475	63.02 <<	7.459	----	----	----	7.458	----	----	----	----	7.458 <<
590	7.434	63.02	7.459	----	----	----	7.458	----	----	----	----	7.458
591	7.395	63.02	7.457	----	----	----	7.457	----	----	----	----	7.457
592	7.361	63.02	7.454	----	----	----	7.454	----	----	----	----	7.454
593	7.329	63.02	7.451	----	----	----	7.450	----	----	----	----	7.450
594	7.298	63.02	7.446	----	----	----	7.445	----	----	----	----	7.445
595	7.268	63.02	7.440	----	----	----	7.440	----	----	----	----	7.440
596	7.238	63.02	7.434	----	----	----	7.433	----	----	----	----	7.433
597	7.210	63.01	7.427	----	----	----	7.426	----	----	----	----	7.426
598	7.182	63.01	7.419	----	----	----	7.418	----	----	----	----	7.418
599	7.155	63.01	7.410	----	----	----	7.410	----	----	----	----	7.410
600	7.129	63.01	7.401	----	----	----	7.400	----	----	----	----	7.400
601	7.107	63.01	7.391	----	----	----	7.391	----	----	----	----	7.391
602	7.085	63.01	7.381	----	----	----	7.380	----	----	----	----	7.380
603	7.064	63.01	7.370	----	----	----	7.370	----	----	----	----	7.370
604	7.043	63.01	7.359	----	----	----	7.359	----	----	----	----	7.359
605	7.023	63.01	7.348	----	----	----	7.348	----	----	----	----	7.348
606	7.003	63.01	7.336	----	----	----	7.336	----	----	----	----	7.336
607	6.983	63.01	7.325	----	----	----	7.324	----	----	----	----	7.324
608	6.964	63.01	7.313	----	----	----	7.312	----	----	----	----	7.312
609	6.943	63.01	7.300	----	----	----	7.300	----	----	----	----	7.300
610	6.924	63.01	7.287	----	----	----	7.287	----	----	----	----	7.287
611	6.904	63.01	7.275	----	----	----	7.274	----	----	----	----	7.274
612	6.885	63.01	7.261	----	----	----	7.261	----	----	----	----	7.261
613	6.865	63.01	7.248	----	----	----	7.248	----	----	----	----	7.248
614	6.846	63.01	7.235	----	----	----	7.234	----	----	----	----	7.234
615	6.827	63.01	7.221	----	----	----	7.220	----	----	----	----	7.220
616	6.808	63.01	7.207	----	----	----	7.206	----	----	----	----	7.207
617	6.789	63.01	7.193	----	----	----	7.192	----	----	----	----	7.192
618	6.770	63.01	7.179	----	----	----	7.178	----	----	----	----	7.178
619	6.751	63.01	7.164	----	----	----	7.164	----	----	----	----	7.164
620	6.732	63.01	7.150	----	----	----	7.149	----	----	----	----	7.149
621	6.713	63.01	7.135	----	----	----	7.134	----	----	----	----	7.134
622	6.690	63.01	7.120	----	----	----	7.119	----	----	----	----	7.120
623	6.667	63.01	7.105	----	----	----	7.104	----	----	----	----	7.104
624	6.644	63.01	7.089	----	----	----	7.089	----	----	----	----	7.089
625	6.622	63.01	7.073	----	----	----	7.073	----	----	----	----	7.073

Continues on next page...

Hydrograph Discharge Table

Time (min)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
626	6.599	63.00	7.057	----	----	----	7.057	----	----	----	----	7.057
627	6.577	63.00	7.041	----	----	----	7.041	----	----	----	----	7.041
628	6.555	63.00	7.025	----	----	----	7.024	----	----	----	----	7.024
629	6.533	63.00	7.008	----	----	----	7.008	----	----	----	----	7.008
630	6.511	63.00	6.992	----	----	----	6.991	----	----	----	----	6.991
631	6.490	63.00	6.975	----	----	----	6.974	----	----	----	----	6.974
632	6.469	63.00	6.957	----	----	----	6.957	----	----	----	----	6.957
633	6.449	63.00	6.940	----	----	----	6.940	----	----	----	----	6.940
634	6.429	63.00	6.923	----	----	----	6.923	----	----	----	----	6.923
635	6.410	63.00	6.906	----	----	----	6.905	----	----	----	----	6.905
636	6.391	63.00	6.888	----	----	----	6.888	----	----	----	----	6.888
637	6.373	63.00	6.871	----	----	----	6.870	----	----	----	----	6.871
638	6.355	63.00	6.855	----	----	----	6.854	----	----	----	----	6.854
639	6.336	63.00	6.838	----	----	----	6.838	----	----	----	----	6.838
640	6.318	63.00	6.822	----	----	----	6.821	----	----	----	----	6.821
641	6.301	63.00	6.805	----	----	----	6.805	----	----	----	----	6.805
642	6.284	63.00	6.789	----	----	----	6.788	----	----	----	----	6.788
643	6.267	63.00	6.772	----	----	----	6.772	----	----	----	----	6.772
644	6.252	63.00	6.756	----	----	----	6.755	----	----	----	----	6.755
645	6.237	63.00	6.739	----	----	----	6.739	----	----	----	----	6.739
646	6.222	63.00	6.723	----	----	----	6.722	----	----	----	----	6.722
647	6.208	62.99	6.707	----	----	----	6.706	----	----	----	----	6.706
648	6.194	62.99	6.690	----	----	----	6.690	----	----	----	----	6.690
649	6.181	62.99	6.674	----	----	----	6.674	----	----	----	----	6.674
650	6.168	62.99	6.658	----	----	----	6.658	----	----	----	----	6.658
651	6.156	62.99	6.642	----	----	----	6.642	----	----	----	----	6.642
652	6.144	62.99	6.626	----	----	----	6.626	----	----	----	----	6.626
653	6.132	62.99	6.611	----	----	----	6.610	----	----	----	----	6.610
654	6.119	62.99	6.595	----	----	----	6.594	----	----	----	----	6.594
655	6.107	62.99	6.579	----	----	----	6.579	----	----	----	----	6.579
656	6.095	62.99	6.564	----	----	----	6.564	----	----	----	----	6.564
657	6.083	62.99	6.549	----	----	----	6.548	----	----	----	----	6.548
658	6.070	62.99	6.533	----	----	----	6.533	----	----	----	----	6.533
659	6.058	62.99	6.518	----	----	----	6.518	----	----	----	----	6.518
660	6.045	62.99	6.503	----	----	----	6.503	----	----	----	----	6.503
661	6.033	62.99	6.488	----	----	----	6.488	----	----	----	----	6.488
662	6.020	62.99	6.474	----	----	----	6.473	----	----	----	----	6.473
663	6.008	62.99	6.459	----	----	----	6.458	----	----	----	----	6.458
664	5.995	62.99	6.444	----	----	----	6.444	----	----	----	----	6.444
665	5.982	62.99	6.429	----	----	----	6.429	----	----	----	----	6.429
666	5.970	62.99	6.415	----	----	----	6.414	----	----	----	----	6.414
667	5.957	62.98	6.400	----	----	----	6.400	----	----	----	----	6.400
668	5.944	62.98	6.386	----	----	----	6.385	----	----	----	----	6.385
669	5.932	62.98	6.371	----	----	----	6.371	----	----	----	----	6.371
670	5.920	62.98	6.357	----	----	----	6.357	----	----	----	----	6.357
671	5.908	62.98	6.343	----	----	----	6.342	----	----	----	----	6.342
672	5.896	62.98	6.329	----	----	----	6.328	----	----	----	----	6.328
673	5.884	62.98	6.315	----	----	----	6.314	----	----	----	----	6.314
674	5.872	62.98	6.301	----	----	----	6.300	----	----	----	----	6.300
675	5.859	62.98	6.287	----	----	----	6.286	----	----	----	----	6.286
676	5.846	62.98	6.273	----	----	----	6.272	----	----	----	----	6.272
677	5.833	62.98	6.259	----	----	----	6.258	----	----	----	----	6.258
678	5.820	62.98	6.245	----	----	----	6.244	----	----	----	----	6.244
679	5.807	62.98	6.231	----	----	----	6.230	----	----	----	----	6.230
680	5.793	62.98	6.217	----	----	----	6.216	----	----	----	----	6.216
681	5.780	62.98	6.203	----	----	----	6.203	----	----	----	----	6.203

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Hydrograph Discharge Table

Time (min)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
682	5.766	62.98	6.189	----	----	----	6.189	----	----	----	----	6.189
683	5.752	62.98	6.176	----	----	----	6.175	----	----	----	----	6.175
684	5.737	62.98	6.162	----	----	----	6.161	----	----	----	----	6.161
685	5.723	62.98	6.148	----	----	----	6.147	----	----	----	----	6.147
686	5.708	62.98	6.134	----	----	----	6.133	----	----	----	----	6.133
687	5.694	62.98	6.120	----	----	----	6.119	----	----	----	----	6.119
688	5.679	62.98	6.106	----	----	----	6.105	----	----	----	----	6.105
689	5.664	62.98	6.092	----	----	----	6.091	----	----	----	----	6.091
690	5.648	62.97	6.078	----	----	----	6.077	----	----	----	----	6.077
691	5.633	62.97	6.064	----	----	----	6.063	----	----	----	----	6.063
692	5.617	62.97	6.050	----	----	----	6.049	----	----	----	----	6.049
693	5.601	62.97	6.036	----	----	----	6.035	----	----	----	----	6.035
694	5.584	62.97	6.021	----	----	----	6.021	----	----	----	----	6.021
695	5.567	62.97	6.007	----	----	----	6.006	----	----	----	----	6.006
696	5.550	62.97	5.993	----	----	----	5.992	----	----	----	----	5.992
697	5.533	62.97	5.978	----	----	----	5.977	----	----	----	----	5.977
698	5.516	62.97	5.964	----	----	----	5.963	----	----	----	----	5.963
699	5.498	62.97	5.949	----	----	----	5.948	----	----	----	----	5.948
700	5.480	62.97	5.934	----	----	----	5.933	----	----	----	----	5.933
701	5.463	62.97	5.919	----	----	----	5.918	----	----	----	----	5.918
702	5.445	62.97	5.904	----	----	----	5.903	----	----	----	----	5.903
703	5.427	62.97	5.889	----	----	----	5.888	----	----	----	----	5.888
704	5.409	62.97	5.874	----	----	----	5.873	----	----	----	----	5.873
705	5.391	62.97	5.859	----	----	----	5.858	----	----	----	----	5.858
706	5.373	62.97	5.843	----	----	----	5.843	----	----	----	----	5.843
707	5.355	62.97	5.828	----	----	----	5.827	----	----	----	----	5.827
708	5.337	62.97	5.813	----	----	----	5.812	----	----	----	----	5.812
709	5.319	62.97	5.797	----	----	----	5.796	----	----	----	----	5.796
710	5.301	62.97	5.781	----	----	----	5.780	----	----	----	----	5.780
711	5.283	62.96	5.766	----	----	----	5.765	----	----	----	----	5.765
712	5.265	62.96	5.750	----	----	----	5.749	----	----	----	----	5.749
713	5.247	62.96	5.734	----	----	----	5.733	----	----	----	----	5.733
714	5.230	62.96	5.718	----	----	----	5.717	----	----	----	----	5.717
715	5.213	62.96	5.702	----	----	----	5.701	----	----	----	----	5.701
716	5.197	62.96	5.686	----	----	----	5.685	----	----	----	----	5.685
717	5.180	62.96	5.670	----	----	----	5.669	----	----	----	----	5.669
718	5.164	62.96	5.654	----	----	----	5.653	----	----	----	----	5.653
719	5.149	62.96	5.638	----	----	----	5.637	----	----	----	----	5.637
720	5.134	62.96	5.622	----	----	----	5.621	----	----	----	----	5.621
721	5.119	62.96	5.606	----	----	----	5.605	----	----	----	----	5.605
722	5.104	62.96	5.590	----	----	----	5.589	----	----	----	----	5.589
723	5.090	62.96	5.574	----	----	----	5.573	----	----	----	----	5.573
724	5.076	62.96	5.559	----	----	----	5.558	----	----	----	----	5.558
725	5.063	62.96	5.543	----	----	----	5.542	----	----	----	----	5.542
726	5.050	62.96	5.527	----	----	----	5.526	----	----	----	----	5.526
727	5.038	62.96	5.512	----	----	----	5.511	----	----	----	----	5.511
728	5.026	62.96	5.496	----	----	----	5.495	----	----	----	----	5.495
729	5.014	62.96	5.481	----	----	----	5.480	----	----	----	----	5.480
730	5.003	62.96	5.466	----	----	----	5.465	----	----	----	----	5.465
731	4.993	62.95	5.451	----	----	----	5.450	----	----	----	----	5.450
732	4.983	62.95	5.436	----	----	----	5.435	----	----	----	----	5.435
733	4.973	62.95	5.421	----	----	----	5.420	----	----	----	----	5.420
734	4.964	62.95	5.407	----	----	----	5.406	----	----	----	----	5.406
735	4.956	62.95	5.392	----	----	----	5.391	----	----	----	----	5.391
736	4.948	62.95	5.378	----	----	----	5.377	----	----	----	----	5.377
737	4.941	62.95	5.364	----	----	----	5.363	----	----	----	----	5.363

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Hydrograph Discharge Table

Time (min)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
738	4.934	62.95	5.351	----	----	----	5.350	----	----	----	----	5.349
739	4.927	62.95	5.337	----	----	----	5.336	----	----	----	----	5.336
740	4.922	62.95	5.324	----	----	----	5.323	----	----	----	----	5.323
741	4.917	62.95	5.311	----	----	----	5.310	----	----	----	----	5.310
742	4.912	62.95	5.298	----	----	----	5.297	----	----	----	----	5.297
743	4.908	62.95	5.286	----	----	----	5.285	----	----	----	----	5.285
744	4.905	62.95	5.273	----	----	----	5.272	----	----	----	----	5.272
745	4.902	62.95	5.261	----	----	----	5.260	----	----	----	----	5.260
746	4.900	62.95	5.250	----	----	----	5.249	----	----	----	----	5.249
747	4.898	62.95	5.239	----	----	----	5.238	----	----	----	----	5.238
748	4.897	62.95	5.228	----	----	----	5.227	----	----	----	----	5.227
749	4.897	62.95	5.217	----	----	----	5.216	----	----	----	----	5.216
750	4.897	62.95	5.207	----	----	----	5.206	----	----	----	----	5.206
751	4.897	62.95	5.197	----	----	----	5.196	----	----	----	----	5.196
752	4.898	62.95	5.187	----	----	----	5.186	----	----	----	----	5.186
753	4.898	62.95	5.178	----	----	----	5.177	----	----	----	----	5.177
754	4.899	62.95	5.169	----	----	----	5.168	----	----	----	----	5.168
755	4.899	62.95	5.160	----	----	----	5.159	----	----	----	----	5.159
756	4.900	62.95	5.152	----	----	----	5.151	----	----	----	----	5.151
757	4.900	62.94	5.144	----	----	----	5.143	----	----	----	----	5.143
758	4.901	62.94	5.136	----	----	----	5.135	----	----	----	----	5.135
759	4.901	62.94	5.129	----	----	----	5.127	----	----	----	----	5.127
760	4.900	62.94	5.121	----	----	----	5.120	----	----	----	----	5.120
761	4.900	62.94	5.114	----	----	----	5.113	----	----	----	----	5.113
762	4.899	62.94	5.107	----	----	----	5.106	----	----	----	----	5.106
763	4.897	62.94	5.101	----	----	----	5.099	----	----	----	----	5.099
764	4.895	62.94	5.094	----	----	----	5.093	----	----	----	----	5.093
765	4.893	62.94	5.088	----	----	----	5.086	----	----	----	----	5.087
766	4.890	62.94	5.081	----	----	----	5.080	----	----	----	----	5.080
767	4.887	62.94	5.075	----	----	----	5.074	----	----	----	----	5.074
768	4.883	62.94	5.069	----	----	----	5.068	----	----	----	----	5.068
769	4.878	62.94	5.063	----	----	----	5.062	----	----	----	----	5.062
770	4.873	62.94	5.057	----	----	----	5.056	----	----	----	----	5.056
771	4.867	62.94	5.051	----	----	----	5.050	----	----	----	----	5.050
772	4.861	62.94	5.045	----	----	----	5.044	----	----	----	----	5.044
773	4.855	62.94	5.039	----	----	----	5.038	----	----	----	----	5.038
774	4.848	62.94	5.033	----	----	----	5.032	----	----	----	----	5.032
775	4.842	62.94	5.027	----	----	----	5.026	----	----	----	----	5.026
776	4.836	62.94	5.021	----	----	----	5.020	----	----	----	----	5.020
777	4.829	62.94	5.015	----	----	----	5.014	----	----	----	----	5.014
778	4.823	62.94	5.009	----	----	----	5.008	----	----	----	----	5.008
779	4.816	62.94	5.003	----	----	----	5.002	----	----	----	----	5.002
780	4.810	62.94	4.997	----	----	----	4.996	----	----	----	----	4.996
781	4.804	62.94	4.991	----	----	----	4.990	----	----	----	----	4.990
782	4.798	62.94	4.985	----	----	----	4.983	----	----	----	----	4.984
783	4.793	62.94	4.979	----	----	----	4.978	----	----	----	----	4.977
784	4.788	62.94	4.973	----	----	----	4.971	----	----	----	----	4.971
785	4.783	62.94	4.967	----	----	----	4.965	----	----	----	----	4.965
786	4.779	62.94	4.961	----	----	----	4.959	----	----	----	----	4.960
787	4.775	62.94	4.955	----	----	----	4.954	----	----	----	----	4.954
788	4.771	62.94	4.949	----	----	----	4.948	----	----	----	----	4.948
789	4.767	62.94	4.943	----	----	----	4.942	----	----	----	----	4.942
790	4.764	62.94	4.938	----	----	----	4.936	----	----	----	----	4.936
791	4.761	62.94	4.932	----	----	----	4.931	----	----	----	----	4.931
792	4.758	62.94	4.927	----	----	----	4.925	----	----	----	----	4.925
793	4.756	62.94	4.921	----	----	----	4.920	----	----	----	----	4.920

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Hydrograph Discharge Table

Time (min)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
794	4.753	62.94	4.916	----	----	----	4.915	----	----	----	----	4.915
795	4.751	62.94	4.911	----	----	----	4.909	----	----	----	----	4.909
796	4.749	62.94	4.905	----	----	----	4.904	----	----	----	----	4.904
797	4.747	62.94	4.900	----	----	----	4.899	----	----	----	----	4.899
798	4.745	62.94	4.895	----	----	----	4.894	----	----	----	----	4.894
799	4.743	62.94	4.891	----	----	----	4.889	----	----	----	----	4.889
800	4.742	62.94	4.886	----	----	----	4.885	----	----	----	----	4.885
801	4.740	62.94	4.881	----	----	----	4.880	----	----	----	----	4.880
802	4.739	62.94	4.877	----	----	----	4.875	----	----	----	----	4.875
803	4.737	62.94	4.872	----	----	----	4.871	----	----	----	----	4.871
804	4.734	62.94	4.868	----	----	----	4.867	----	----	----	----	4.867
805	4.731	62.94	4.864	----	----	----	4.862	----	----	----	----	4.862
806	4.728	62.94	4.859	----	----	----	4.858	----	----	----	----	4.858
807	4.725	62.94	4.855	----	----	----	4.854	----	----	----	----	4.854
808	4.721	62.94	4.851	----	----	----	4.850	----	----	----	----	4.850
809	4.717	62.94	4.847	----	----	----	4.845	----	----	----	----	4.845
810	4.713	62.94	4.842	----	----	----	4.841	----	----	----	----	4.841
811	4.708	62.94	4.838	----	----	----	4.837	----	----	----	----	4.837
812	4.704	62.93	4.834	----	----	----	4.833	----	----	----	----	4.833
813	4.699	62.93	4.830	----	----	----	4.829	----	----	----	----	4.829
814	4.695	62.93	4.825	----	----	----	4.824	----	----	----	----	4.824
815	4.690	62.93	4.821	----	----	----	4.820	----	----	----	----	4.820
816	4.685	62.93	4.817	----	----	----	4.816	----	----	----	----	4.816
817	4.680	62.93	4.813	----	----	----	4.811	----	----	----	----	4.811
818	4.675	62.93	4.808	----	----	----	4.807	----	----	----	----	4.807
819	4.670	62.93	4.804	----	----	----	4.803	----	----	----	----	4.803
820	4.665	62.93	4.800	----	----	----	4.799	----	----	----	----	4.799
821	4.660	62.93	4.795	----	----	----	4.794	----	----	----	----	4.794
822	4.654	62.93	4.791	----	----	----	4.790	----	----	----	----	4.790
823	4.648	62.93	4.786	----	----	----	4.785	----	----	----	----	4.785
824	4.643	62.93	4.782	----	----	----	4.781	----	----	----	----	4.781
825	4.637	62.93	4.777	----	----	----	4.776	----	----	----	----	4.776
826	4.630	62.93	4.773	----	----	----	4.772	----	----	----	----	4.772
827	4.624	62.93	4.768	----	----	----	4.767	----	----	----	----	4.767
828	4.618	62.93	4.764	----	----	----	4.762	----	----	----	----	4.762
829	4.612	62.93	4.759	----	----	----	4.757	----	----	----	----	4.758
830	4.605	62.93	4.754	----	----	----	4.753	----	----	----	----	4.753
831	4.599	62.93	4.749	----	----	----	4.748	----	----	----	----	4.748
832	4.592	62.93	4.744	----	----	----	4.743	----	----	----	----	4.743
833	4.585	62.93	4.739	----	----	----	4.738	----	----	----	----	4.738
834	4.579	62.93	4.734	----	----	----	4.733	----	----	----	----	4.733
835	4.572	62.93	4.729	----	----	----	4.728	----	----	----	----	4.728
836	4.565	62.93	4.724	----	----	----	4.723	----	----	----	----	4.723
837	4.559	62.93	4.719	----	----	----	4.718	----	----	----	----	4.718
838	4.552	62.93	4.714	----	----	----	4.712	----	----	----	----	4.712
839	4.545	62.93	4.708	----	----	----	4.707	----	----	----	----	4.707
840	4.539	62.93	4.703	----	----	----	4.702	----	----	----	----	4.702
841	4.532	62.93	4.698	----	----	----	4.696	----	----	----	----	4.696
842	4.526	62.93	4.692	----	----	----	4.691	----	----	----	----	4.691
843	4.519	62.93	4.687	----	----	----	4.686	----	----	----	----	4.686
844	4.513	62.93	4.681	----	----	----	4.680	----	----	----	----	4.680
845	4.507	62.93	4.676	----	----	----	4.675	----	----	----	----	4.675
846	4.501	62.93	4.670	----	----	----	4.669	----	----	----	----	4.669
847	4.495	62.93	4.665	----	----	----	4.664	----	----	----	----	4.664
848	4.490	62.93	4.659	----	----	----	4.658	----	----	----	----	4.658
849	4.484	62.93	4.654	----	----	----	4.653	----	----	----	----	4.653

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Hydrograph Discharge Table

Time (min)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
850	4.479	62.93	4.648	----	----	----	4.647	----	----	----	----	4.647
851	4.474	62.93	4.643	----	----	----	4.642	----	----	----	----	4.642
852	4.470	62.93	4.637	----	----	----	4.636	----	----	----	----	4.636
853	4.466	62.93	4.632	----	----	----	4.631	----	----	----	----	4.631
854	4.461	62.93	4.627	----	----	----	4.625	----	----	----	----	4.625
855	4.458	62.93	4.621	----	----	----	4.620	----	----	----	----	4.620
856	4.454	62.93	4.616	----	----	----	4.615	----	----	----	----	4.615
857	4.451	62.93	4.611	----	----	----	4.609	----	----	----	----	4.609
858	4.448	62.93	4.606	----	----	----	4.604	----	----	----	----	4.604
859	4.445	62.93	4.601	----	----	----	4.599	----	----	----	----	4.599
860	4.442	62.93	4.596	----	----	----	4.594	----	----	----	----	4.594
861	4.439	62.93	4.591	----	----	----	4.589	----	----	----	----	4.589
862	4.437	62.93	4.586	----	----	----	4.584	----	----	----	----	4.584
863	4.434	62.93	4.581	----	----	----	4.580	----	----	----	----	4.580
864	4.432	62.93	4.576	----	----	----	4.575	----	----	----	----	4.575
865	4.429	62.93	4.572	----	----	----	4.570	----	----	----	----	4.570
866	4.427	62.93	4.567	----	----	----	4.566	----	----	----	----	4.566
867	4.425	62.93	4.562	----	----	----	4.561	----	----	----	----	4.561
868	4.423	62.93	4.558	----	----	----	4.557	----	----	----	----	4.557
869	4.420	62.93	4.554	----	----	----	4.552	----	----	----	----	4.552
870	4.418	62.93	4.549	----	----	----	4.548	----	----	----	----	4.548
871	4.416	62.93	4.545	----	----	----	4.544	----	----	----	----	4.544
872	4.414	62.93	4.541	----	----	----	4.540	----	----	----	----	4.540
873	4.412	62.93	4.537	----	----	----	4.536	----	----	----	----	4.536
874	4.410	62.93	4.533	----	----	----	4.532	----	----	----	----	4.532
875	4.408	62.93	4.529	----	----	----	4.528	----	----	----	----	4.528
876	4.405	62.93	4.525	----	----	----	4.524	----	----	----	----	4.524
877	4.403	62.92	4.521	----	----	----	4.520	----	----	----	----	4.520
878	4.401	62.92	4.518	----	----	----	4.516	----	----	----	----	4.516
879	4.399	62.92	4.514	----	----	----	4.512	----	----	----	----	4.512
880	4.397	62.92	4.510	----	----	----	4.509	----	----	----	----	4.509
881	4.395	62.92	4.506	----	----	----	4.505	----	----	----	----	4.505
882	4.393	62.92	4.503	----	----	----	4.501	----	----	----	----	4.501
883	4.390	62.92	4.499	----	----	----	4.498	----	----	----	----	4.498
884	4.388	62.92	4.496	----	----	----	4.494	----	----	----	----	4.494
885	4.386	62.92	4.492	----	----	----	4.491	----	----	----	----	4.491
886	4.384	62.92	4.489	----	----	----	4.488	----	----	----	----	4.488
887	4.381	62.92	4.486	----	----	----	4.484	----	----	----	----	4.484
888	4.379	62.92	4.482	----	----	----	4.481	----	----	----	----	4.481
889	4.377	62.92	4.479	----	----	----	4.477	----	----	----	----	4.477
890	4.374	62.92	4.476	----	----	----	4.474	----	----	----	----	4.474
891	4.372	62.92	4.472	----	----	----	4.471	----	----	----	----	4.471
892	4.369	62.92	4.469	----	----	----	4.468	----	----	----	----	4.468
893	4.367	62.92	4.466	----	----	----	4.464	----	----	----	----	4.464
894	4.364	62.92	4.463	----	----	----	4.461	----	----	----	----	4.461
895	4.361	62.92	4.460	----	----	----	4.458	----	----	----	----	4.458
896	4.359	62.92	4.456	----	----	----	4.455	----	----	----	----	4.455
897	4.356	62.92	4.453	----	----	----	4.452	----	----	----	----	4.452
898	4.353	62.92	4.450	----	----	----	4.449	----	----	----	----	4.449
899	4.351	62.92	4.447	----	----	----	4.446	----	----	----	----	4.446
900	4.348	62.92	4.444	----	----	----	4.442	----	----	----	----	4.442
901	4.345	62.92	4.441	----	----	----	4.439	----	----	----	----	4.439
902	4.342	62.92	4.438	----	----	----	4.436	----	----	----	----	4.436
903	4.339	62.92	4.435	----	----	----	4.433	----	----	----	----	4.433
904	4.336	62.92	4.432	----	----	----	4.430	----	----	----	----	4.430
905	4.333	62.92	4.428	----	----	----	4.427	----	----	----	----	4.427

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Hydrograph Discharge Table

Time (min)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
906	4.330	62.92	4.425	----	----	----	4.424	----	----	----	----	4.424
907	4.327	62.92	4.422	----	----	----	4.421	----	----	----	----	4.421
908	4.324	62.92	4.419	----	----	----	4.418	----	----	----	----	4.418
909	4.321	62.92	4.416	----	----	----	4.415	----	----	----	----	4.415
910	4.318	62.92	4.413	----	----	----	4.412	----	----	----	----	4.412
911	4.315	62.92	4.410	----	----	----	4.409	----	----	----	----	4.409
912	4.312	62.92	4.407	----	----	----	4.406	----	----	----	----	4.406
913	4.309	62.92	4.404	----	----	----	4.402	----	----	----	----	4.402
914	4.306	62.92	4.401	----	----	----	4.399	----	----	----	----	4.399
915	4.302	62.92	4.398	----	----	----	4.396	----	----	----	----	4.396
916	4.299	62.92	4.395	----	----	----	4.393	----	----	----	----	4.393
917	4.296	62.92	4.392	----	----	----	4.390	----	----	----	----	4.390
918	4.293	62.92	4.389	----	----	----	4.387	----	----	----	----	4.387
919	4.290	62.92	4.385	----	----	----	4.384	----	----	----	----	4.384
920	4.287	62.92	4.382	----	----	----	4.381	----	----	----	----	4.381
921	4.284	62.92	4.379	----	----	----	4.378	----	----	----	----	4.378
922	4.281	62.92	4.376	----	----	----	4.375	----	----	----	----	4.375
923	4.278	62.92	4.373	----	----	----	4.372	----	----	----	----	4.372
924	4.275	62.92	4.370	----	----	----	4.369	----	----	----	----	4.369
925	4.271	62.92	4.367	----	----	----	4.366	----	----	----	----	4.366
926	4.268	62.92	4.364	----	----	----	4.362	----	----	----	----	4.362
927	4.265	62.92	4.361	----	----	----	4.359	----	----	----	----	4.359
928	4.262	62.92	4.358	----	----	----	4.356	----	----	----	----	4.356
929	4.259	62.92	4.355	----	----	----	4.353	----	----	----	----	4.353
930	4.256	62.92	4.352	----	----	----	4.350	----	----	----	----	4.350
931	4.253	62.92	4.348	----	----	----	4.347	----	----	----	----	4.347
932	4.250	62.92	4.345	----	----	----	4.344	----	----	----	----	4.344
933	4.247	62.92	4.342	----	----	----	4.341	----	----	----	----	4.341
934	4.243	62.92	4.339	----	----	----	4.338	----	----	----	----	4.338
935	4.240	62.92	4.336	----	----	----	4.335	----	----	----	----	4.335
936	4.237	62.92	4.333	----	----	----	4.332	----	----	----	----	4.332
937	4.234	62.92	4.330	----	----	----	4.328	----	----	----	----	4.329
938	4.231	62.92	4.327	----	----	----	4.325	----	----	----	----	4.325
939	4.228	62.92	4.324	----	----	----	4.322	----	----	----	----	4.322
940	4.225	62.92	4.321	----	----	----	4.319	----	----	----	----	4.319
941	4.222	62.92	4.318	----	----	----	4.316	----	----	----	----	4.316
942	4.219	62.92	4.315	----	----	----	4.313	----	----	----	----	4.313
943	4.215	62.92	4.311	----	----	----	4.310	----	----	----	----	4.310
944	4.212	62.92	4.308	----	----	----	4.307	----	----	----	----	4.307
945	4.209	62.92	4.305	----	----	----	4.304	----	----	----	----	4.304
946	4.206	62.92	4.302	----	----	----	4.301	----	----	----	----	4.301
947	4.203	62.92	4.299	----	----	----	4.298	----	----	----	----	4.298
948	4.200	62.92	4.296	----	----	----	4.294	----	----	----	----	4.294
949	4.197	62.92	4.293	----	----	----	4.291	----	----	----	----	4.291
950	4.194	62.92	4.290	----	----	----	4.288	----	----	----	----	4.288
951	4.191	62.92	4.287	----	----	----	4.285	----	----	----	----	4.285
952	4.187	62.92	4.284	----	----	----	4.282	----	----	----	----	4.282
953	4.184	62.92	4.281	----	----	----	4.279	----	----	----	----	4.279
954	4.181	62.92	4.277	----	----	----	4.276	----	----	----	----	4.276
955	4.178	62.92	4.274	----	----	----	4.273	----	----	----	----	4.273
956	4.175	62.92	4.271	----	----	----	4.270	----	----	----	----	4.270
957	4.172	62.92	4.268	----	----	----	4.267	----	----	----	----	4.267
958	4.169	62.92	4.265	----	----	----	4.263	----	----	----	----	4.263
959	4.165	62.92	4.262	----	----	----	4.260	----	----	----	----	4.260
960	4.162	62.92	4.259	----	----	----	4.257	----	----	----	----	4.257
961	4.159	62.92	4.256	----	----	----	4.254	----	----	----	----	4.254

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Hydrograph Discharge Table

Time (min)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
962	4.156	62.92	4.253	----	----	----	4.251	----	----	----	----	4.251
963	4.153	62.92	4.249	----	----	----	4.248	----	----	----	----	4.248
964	4.150	62.92	4.246	----	----	----	4.245	----	----	----	----	4.245
965	4.147	62.92	4.243	----	----	----	4.242	----	----	----	----	4.242
966	4.144	62.92	4.240	----	----	----	4.239	----	----	----	----	4.239
967	4.140	62.92	4.237	----	----	----	4.235	----	----	----	----	4.235
968	4.137	62.92	4.234	----	----	----	4.232	----	----	----	----	4.232
969	4.134	62.92	4.231	----	----	----	4.229	----	----	----	----	4.229
970	4.131	62.92	4.228	----	----	----	4.226	----	----	----	----	4.226
971	4.128	62.92	4.225	----	----	----	4.223	----	----	----	----	4.223
972	4.125	62.92	4.221	----	----	----	4.220	----	----	----	----	4.220
973	4.122	62.92	4.218	----	----	----	4.217	----	----	----	----	4.217
974	4.118	62.92	4.215	----	----	----	4.214	----	----	----	----	4.214
975	4.115	62.92	4.212	----	----	----	4.211	----	----	----	----	4.211
976	4.112	62.91	4.209	----	----	----	4.207	----	----	----	----	4.207
977	4.109	62.91	4.206	----	----	----	4.204	----	----	----	----	4.204
978	4.106	62.91	4.203	----	----	----	4.201	----	----	----	----	4.201
979	4.103	62.91	4.200	----	----	----	4.198	----	----	----	----	4.198
980	4.100	62.91	4.196	----	----	----	4.195	----	----	----	----	4.195
981	4.096	62.91	4.193	----	----	----	4.192	----	----	----	----	4.192
982	4.093	62.91	4.190	----	----	----	4.189	----	----	----	----	4.189
983	4.090	62.91	4.187	----	----	----	4.186	----	----	----	----	4.186
984	4.087	62.91	4.184	----	----	----	4.183	----	----	----	----	4.182
985	4.084	62.91	4.181	----	----	----	4.179	----	----	----	----	4.179
986	4.081	62.91	4.178	----	----	----	4.176	----	----	----	----	4.176
987	4.078	62.91	4.175	----	----	----	4.173	----	----	----	----	4.173
988	4.074	62.91	4.171	----	----	----	4.170	----	----	----	----	4.170
989	4.071	62.91	4.168	----	----	----	4.167	----	----	----	----	4.167
990	4.068	62.91	4.165	----	----	----	4.164	----	----	----	----	4.164
991	4.065	62.91	4.162	----	----	----	4.161	----	----	----	----	4.161
992	4.062	62.91	4.159	----	----	----	4.157	----	----	----	----	4.157
993	4.059	62.91	4.156	----	----	----	4.154	----	----	----	----	4.154
994	4.055	62.91	4.153	----	----	----	4.151	----	----	----	----	4.151
995	4.052	62.91	4.150	----	----	----	4.148	----	----	----	----	4.148
996	4.049	62.91	4.146	----	----	----	4.145	----	----	----	----	4.145
997	4.046	62.91	4.143	----	----	----	4.142	----	----	----	----	4.142
998	4.043	62.91	4.140	----	----	----	4.139	----	----	----	----	4.139
999	4.040	62.91	4.137	----	----	----	4.135	----	----	----	----	4.135
1000	4.036	62.91	4.134	----	----	----	4.132	----	----	----	----	4.132
1001	4.033	62.91	4.131	----	----	----	4.129	----	----	----	----	4.129
1002	4.030	62.91	4.128	----	----	----	4.126	----	----	----	----	4.126
1003	4.027	62.91	4.124	----	----	----	4.123	----	----	----	----	4.123
1004	4.024	62.91	4.121	----	----	----	4.120	----	----	----	----	4.120
1005	4.021	62.91	4.118	----	----	----	4.117	----	----	----	----	4.117
1006	4.018	62.91	4.115	----	----	----	4.113	----	----	----	----	4.113
1007	4.014	62.91	4.112	----	----	----	4.110	----	----	----	----	4.110
1008	4.011	62.91	4.109	----	----	----	4.107	----	----	----	----	4.107
1009	4.008	62.91	4.106	----	----	----	4.104	----	----	----	----	4.104
1010	4.005	62.91	4.102	----	----	----	4.101	----	----	----	----	4.101
1011	4.002	62.91	4.099	----	----	----	4.098	----	----	----	----	4.098
1012	3.999	62.91	4.096	----	----	----	4.095	----	----	----	----	4.095
1013	3.995	62.91	4.093	----	----	----	4.091	----	----	----	----	4.091
1014	3.992	62.91	4.090	----	----	----	4.088	----	----	----	----	4.088
1015	3.989	62.91	4.087	----	----	----	4.085	----	----	----	----	4.085
1016	3.986	62.91	4.084	----	----	----	4.082	----	----	----	----	4.082
1017	3.983	62.91	4.080	----	----	----	4.079	----	----	----	----	4.079

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Hydrograph Discharge Table

Time (min)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
1018	3.979	62.91	4.077	----	----	----	4.076	----	----	----	----	4.076
1019	3.976	62.91	4.074	----	----	----	4.072	----	----	----	----	4.073
1020	3.973	62.91	4.071	----	----	----	4.069	----	----	----	----	4.069
1021	3.970	62.91	4.068	----	----	----	4.066	----	----	----	----	4.066
1022	3.967	62.91	4.065	----	----	----	4.063	----	----	----	----	4.063
1023	3.964	62.91	4.062	----	----	----	4.060	----	----	----	----	4.060
1024	3.960	62.91	4.058	----	----	----	4.057	----	----	----	----	4.057
1025	3.957	62.91	4.055	----	----	----	4.054	----	----	----	----	4.054
1026	3.954	62.91	4.052	----	----	----	4.050	----	----	----	----	4.050
1027	3.951	62.91	4.049	----	----	----	4.047	----	----	----	----	4.047
1028	3.948	62.91	4.046	----	----	----	4.044	----	----	----	----	4.044
1029	3.945	62.91	4.043	----	----	----	4.041	----	----	----	----	4.041
1030	3.941	62.91	4.039	----	----	----	4.038	----	----	----	----	4.038
1031	3.938	62.91	4.036	----	----	----	4.035	----	----	----	----	4.035
1032	3.935	62.91	4.033	----	----	----	4.032	----	----	----	----	4.031
1033	3.932	62.91	4.030	----	----	----	4.028	----	----	----	----	4.028
1034	3.929	62.91	4.027	----	----	----	4.025	----	----	----	----	4.025
1035	3.925	62.91	4.024	----	----	----	4.022	----	----	----	----	4.022
1036	3.922	62.91	4.020	----	----	----	4.019	----	----	----	----	4.019
1037	3.919	62.91	4.017	----	----	----	4.016	----	----	----	----	4.016
1038	3.916	62.91	4.014	----	----	----	4.013	----	----	----	----	4.012
1039	3.913	62.91	4.011	----	----	----	4.009	----	----	----	----	4.009
1040	3.910	62.91	4.008	----	----	----	4.006	----	----	----	----	4.006
1041	3.906	62.91	4.005	----	----	----	4.003	----	----	----	----	4.003
1042	3.903	62.91	4.001	----	----	----	4.000	----	----	----	----	4.000
1043	3.900	62.91	3.998	----	----	----	3.997	----	----	----	----	3.997
1044	3.897	62.91	3.995	----	----	----	3.994	----	----	----	----	3.994
1045	3.894	62.91	3.992	----	----	----	3.990	----	----	----	----	3.990
1046	3.890	62.91	3.989	----	----	----	3.987	----	----	----	----	3.987
1047	3.887	62.91	3.986	----	----	----	3.984	----	----	----	----	3.984
1048	3.884	62.91	3.982	----	----	----	3.981	----	----	----	----	3.981
1049	3.881	62.91	3.979	----	----	----	3.978	----	----	----	----	3.978
1050	3.878	62.91	3.976	----	----	----	3.975	----	----	----	----	3.974
1051	3.874	62.91	3.973	----	----	----	3.971	----	----	----	----	3.971
1052	3.871	62.91	3.970	----	----	----	3.968	----	----	----	----	3.968
1053	3.868	62.91	3.967	----	----	----	3.965	----	----	----	----	3.965
1054	3.865	62.91	3.963	----	----	----	3.962	----	----	----	----	3.962
1055	3.862	62.91	3.960	----	----	----	3.959	----	----	----	----	3.959
1056	3.858	62.91	3.957	----	----	----	3.955	----	----	----	----	3.955
1057	3.855	62.91	3.954	----	----	----	3.952	----	----	----	----	3.952
1058	3.852	62.91	3.951	----	----	----	3.949	----	----	----	----	3.949
1059	3.849	62.91	3.948	----	----	----	3.946	----	----	----	----	3.946
1060	3.846	62.91	3.944	----	----	----	3.943	----	----	----	----	3.943
1061	3.842	62.91	3.941	----	----	----	3.940	----	----	----	----	3.940
1062	3.839	62.91	3.938	----	----	----	3.936	----	----	----	----	3.936
1063	3.836	62.91	3.935	----	----	----	3.933	----	----	----	----	3.933
1064	3.833	62.91	3.932	----	----	----	3.930	----	----	----	----	3.930
1065	3.830	62.91	3.929	----	----	----	3.927	----	----	----	----	3.927
1066	3.826	62.91	3.925	----	----	----	3.924	----	----	----	----	3.924
1067	3.823	62.91	3.922	----	----	----	3.921	----	----	----	----	3.920
1068	3.820	62.91	3.919	----	----	----	3.917	----	----	----	----	3.917
1069	3.817	62.91	3.916	----	----	----	3.914	----	----	----	----	3.914
1070	3.814	62.91	3.913	----	----	----	3.911	----	----	----	----	3.911
1071	3.810	62.91	3.909	----	----	----	3.908	----	----	----	----	3.908
1072	3.807	62.91	3.906	----	----	----	3.905	----	----	----	----	3.905
1073	3.804	62.91	3.903	----	----	----	3.901	----	----	----	----	3.901

Continues on next page...

Hydrograph Discharge Table

Time (min)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
1074	3.801	62.91	3.900	----	----	----	3.898	----	----	----	----	3.898
1075	3.798	62.90	3.897	----	----	----	3.895	----	----	----	----	3.895
1076	3.794	62.90	3.894	----	----	----	3.892	----	----	----	----	3.892
1077	3.791	62.90	3.890	----	----	----	3.889	----	----	----	----	3.889
1078	3.788	62.90	3.887	----	----	----	3.885	----	----	----	----	3.885
1079	3.785	62.90	3.884	----	----	----	3.882	----	----	----	----	3.882
1080	3.782	62.90	3.881	----	----	----	3.879	----	----	----	----	3.879
1081	3.778	62.90	3.878	----	----	----	3.876	----	----	----	----	3.876
1082	3.775	62.90	3.874	----	----	----	3.873	----	----	----	----	3.873
1083	3.772	62.90	3.871	----	----	----	3.870	----	----	----	----	3.869
1084	3.769	62.90	3.868	----	----	----	3.866	----	----	----	----	3.866
1085	3.765	62.90	3.865	----	----	----	3.863	----	----	----	----	3.863
1086	3.762	62.90	3.862	----	----	----	3.860	----	----	----	----	3.860
1087	3.759	62.90	3.858	----	----	----	3.857	----	----	----	----	3.857
1088	3.756	62.90	3.855	----	----	----	3.854	----	----	----	----	3.854
1089	3.753	62.90	3.852	----	----	----	3.850	----	----	----	----	3.850
1090	3.749	62.90	3.849	----	----	----	3.847	----	----	----	----	3.847
1091	3.746	62.90	3.846	----	----	----	3.844	----	----	----	----	3.844
1092	3.743	62.90	3.842	----	----	----	3.841	----	----	----	----	3.841
1093	3.740	62.90	3.839	----	----	----	3.838	----	----	----	----	3.838
1094	3.737	62.90	3.836	----	----	----	3.834	----	----	----	----	3.834
1095	3.733	62.90	3.833	----	----	----	3.831	----	----	----	----	3.831
1096	3.730	62.90	3.830	----	----	----	3.828	----	----	----	----	3.828
1097	3.727	62.90	3.826	----	----	----	3.825	----	----	----	----	3.825
1098	3.724	62.90	3.823	----	----	----	3.821	----	----	----	----	3.822
1099	3.720	62.90	3.820	----	----	----	3.818	----	----	----	----	3.818
1100	3.717	62.90	3.817	----	----	----	3.815	----	----	----	----	3.815
1101	3.714	62.90	3.814	----	----	----	3.812	----	----	----	----	3.812
1102	3.711	62.90	3.810	----	----	----	3.809	----	----	----	----	3.809
1103	3.708	62.90	3.807	----	----	----	3.805	----	----	----	----	3.805
1104	3.704	62.90	3.804	----	----	----	3.802	----	----	----	----	3.802
1105	3.701	62.90	3.801	----	----	----	3.799	----	----	----	----	3.799
1106	3.698	62.90	3.798	----	----	----	3.796	----	----	----	----	3.796
1107	3.695	62.90	3.794	----	----	----	3.793	----	----	----	----	3.793
1108	3.691	62.90	3.791	----	----	----	3.789	----	----	----	----	3.789
1109	3.688	62.90	3.788	----	----	----	3.786	----	----	----	----	3.786
1110	3.685	62.90	3.785	----	----	----	3.783	----	----	----	----	3.783
1111	3.682	62.90	3.782	----	----	----	3.780	----	----	----	----	3.780
1112	3.679	62.90	3.778	----	----	----	3.777	----	----	----	----	3.777
1113	3.675	62.90	3.775	----	----	----	3.773	----	----	----	----	3.773
1114	3.672	62.90	3.772	----	----	----	3.770	----	----	----	----	3.770
1115	3.669	62.90	3.769	----	----	----	3.767	----	----	----	----	3.767
1116	3.666	62.90	3.766	----	----	----	3.764	----	----	----	----	3.764
1117	3.662	62.90	3.762	----	----	----	3.761	----	----	----	----	3.761
1118	3.659	62.90	3.759	----	----	----	3.757	----	----	----	----	3.757
1119	3.656	62.90	3.756	----	----	----	3.754	----	----	----	----	3.754
1120	3.653	62.90	3.753	----	----	----	3.751	----	----	----	----	3.751
1121	3.649	62.90	3.749	----	----	----	3.748	----	----	----	----	3.748
1122	3.646	62.90	3.746	----	----	----	3.744	----	----	----	----	3.744
1123	3.643	62.90	3.743	----	----	----	3.741	----	----	----	----	3.741
1124	3.640	62.90	3.740	----	----	----	3.739	----	----	----	----	3.739
1125	3.637	62.90	3.738	----	----	----	3.736	----	----	----	----	3.736
1126	3.633	62.90	3.735	----	----	----	3.734	----	----	----	----	3.734
1127	3.630	62.90	3.733	----	----	----	3.731	----	----	----	----	3.731
1128	3.627	62.90	3.730	----	----	----	3.728	----	----	----	----	3.728
1129	3.624	62.90	3.728	----	----	----	3.726	----	----	----	----	3.726

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Hydrograph Discharge Table

Time (min)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
1130	3.620	62.90	3.725	----	----	----	3.723	----	----	----	----	3.723
1131	3.617	62.90	3.722	----	----	----	3.721	----	----	----	----	3.721
1132	3.614	62.90	3.720	----	----	----	3.718	----	----	----	----	3.718
1133	3.611	62.90	3.717	----	----	----	3.715	----	----	----	----	3.715
1134	3.607	62.90	3.715	----	----	----	3.713	----	----	----	----	3.713
1135	3.604	62.90	3.712	----	----	----	3.710	----	----	----	----	3.710
1136	3.601	62.90	3.709	----	----	----	3.707	----	----	----	----	3.707
1137	3.598	62.90	3.706	----	----	----	3.705	----	----	----	----	3.705
1138	3.594	62.90	3.704	----	----	----	3.702	----	----	----	----	3.702
1139	3.591	62.90	3.701	----	----	----	3.699	----	----	----	----	3.699
1140	3.588	62.90	3.698	----	----	----	3.697	----	----	----	----	3.697
1141	3.585	62.90	3.696	----	----	----	3.694	----	----	----	----	3.694
1142	3.582	62.90	3.693	----	----	----	3.691	----	----	----	----	3.691
1143	3.578	62.90	3.690	----	----	----	3.688	----	----	----	----	3.688
1144	3.575	62.90	3.687	----	----	----	3.685	----	----	----	----	3.685
1145	3.572	62.90	3.684	----	----	----	3.683	----	----	----	----	3.683
1146	3.569	62.90	3.682	----	----	----	3.680	----	----	----	----	3.680
1147	3.565	62.90	3.679	----	----	----	3.677	----	----	----	----	3.677
1148	3.562	62.90	3.676	----	----	----	3.674	----	----	----	----	3.674
1149	3.559	62.90	3.673	----	----	----	3.671	----	----	----	----	3.671
1150	3.556	62.90	3.670	----	----	----	3.668	----	----	----	----	3.669
1151	3.552	62.90	3.667	----	----	----	3.666	----	----	----	----	3.666
1152	3.549	62.90	3.665	----	----	----	3.663	----	----	----	----	3.663
1153	3.546	62.90	3.662	----	----	----	3.660	----	----	----	----	3.660
1154	3.543	62.90	3.659	----	----	----	3.657	----	----	----	----	3.657
1155	3.539	62.90	3.656	----	----	----	3.654	----	----	----	----	3.654
1156	3.536	62.90	3.653	----	----	----	3.651	----	----	----	----	3.651
1157	3.533	62.90	3.650	----	----	----	3.648	----	----	----	----	3.648
1158	3.530	62.90	3.647	----	----	----	3.645	----	----	----	----	3.645
1159	3.526	62.90	3.644	----	----	----	3.642	----	----	----	----	3.642
1160	3.523	62.90	3.641	----	----	----	3.640	----	----	----	----	3.640
1161	3.520	62.90	3.638	----	----	----	3.637	----	----	----	----	3.637
1162	3.517	62.90	3.635	----	----	----	3.634	----	----	----	----	3.634
1163	3.513	62.90	3.632	----	----	----	3.631	----	----	----	----	3.631
1164	3.510	62.90	3.629	----	----	----	3.628	----	----	----	----	3.628
1165	3.507	62.90	3.626	----	----	----	3.625	----	----	----	----	3.625
1166	3.504	62.90	3.623	----	----	----	3.622	----	----	----	----	3.622
1167	3.500	62.89	3.621	----	----	----	3.619	----	----	----	----	3.619
1168	3.497	62.89	3.617	----	----	----	3.616	----	----	----	----	3.616
1169	3.494	62.89	3.615	----	----	----	3.613	----	----	----	----	3.613
1170	3.491	62.89	3.611	----	----	----	3.610	----	----	----	----	3.610
1171	3.487	62.89	3.608	----	----	----	3.607	----	----	----	----	3.607
1172	3.484	62.89	3.606	----	----	----	3.604	----	----	----	----	3.604
1173	3.481	62.89	3.602	----	----	----	3.601	----	----	----	----	3.601
1174	3.478	62.89	3.599	----	----	----	3.598	----	----	----	----	3.598
1175	3.474	62.89	3.596	----	----	----	3.595	----	----	----	----	3.595
1176	3.471	62.89	3.593	----	----	----	3.592	----	----	----	----	3.592
1177	3.468	62.89	3.590	----	----	----	3.589	----	----	----	----	3.589
1178	3.465	62.89	3.587	----	----	----	3.585	----	----	----	----	3.585
1179	3.461	62.89	3.584	----	----	----	3.582	----	----	----	----	3.582
1180	3.458	62.89	3.581	----	----	----	3.579	----	----	----	----	3.579
1181	3.455	62.89	3.578	----	----	----	3.576	----	----	----	----	3.576
1182	3.452	62.89	3.575	----	----	----	3.573	----	----	----	----	3.573
1183	3.448	62.89	3.572	----	----	----	3.570	----	----	----	----	3.570
1184	3.445	62.89	3.569	----	----	----	3.567	----	----	----	----	3.567
1185	3.442	62.89	3.566	----	----	----	3.564	----	----	----	----	3.564

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Hydrograph Discharge Table

Time (min)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
1186	3.439	62.89	3.563	----	----	----	3.561	----	----	----	----	3.561
1187	3.435	62.89	3.560	----	----	----	3.558	----	----	----	----	3.558
1188	3.432	62.89	3.556	----	----	----	3.555	----	----	----	----	3.555
1189	3.429	62.89	3.553	----	----	----	3.552	----	----	----	----	3.552
1190	3.425	62.89	3.550	----	----	----	3.548	----	----	----	----	3.548
1191	3.422	62.89	3.547	----	----	----	3.545	----	----	----	----	3.545
1192	3.419	62.89	3.544	----	----	----	3.542	----	----	----	----	3.542
1193	3.416	62.89	3.541	----	----	----	3.539	----	----	----	----	3.539
1194	3.412	62.89	3.538	----	----	----	3.536	----	----	----	----	3.536
1195	3.409	62.89	3.535	----	----	----	3.533	----	----	----	----	3.533
1196	3.406	62.89	3.532	----	----	----	3.530	----	----	----	----	3.530
1197	3.403	62.89	3.528	----	----	----	3.527	----	----	----	----	3.527
1198	3.399	62.89	3.525	----	----	----	3.523	----	----	----	----	3.523
1199	3.396	62.89	3.522	----	----	----	3.520	----	----	----	----	3.520
1200	3.393	62.89	3.519	----	----	----	3.517	----	----	----	----	3.517
1201	3.390	62.89	3.516	----	----	----	3.514	----	----	----	----	3.514
1202	3.386	62.89	3.513	----	----	----	3.511	----	----	----	----	3.511
1203	3.383	62.89	3.510	----	----	----	3.508	----	----	----	----	3.508
1204	3.380	62.89	3.506	----	----	----	3.505	----	----	----	----	3.505
1205	3.377	62.89	3.503	----	----	----	3.501	----	----	----	----	3.501
1206	3.373	62.89	3.500	----	----	----	3.498	----	----	----	----	3.498
1207	3.370	62.89	3.497	----	----	----	3.495	----	----	----	----	3.495
1208	3.367	62.89	3.494	----	----	----	3.492	----	----	----	----	3.492
1209	3.363	62.89	3.491	----	----	----	3.489	----	----	----	----	3.489
1210	3.360	62.89	3.487	----	----	----	3.486	----	----	----	----	3.486
1211	3.357	62.89	3.484	----	----	----	3.482	----	----	----	----	3.482
1212	3.354	62.89	3.481	----	----	----	3.479	----	----	----	----	3.479
1213	3.350	62.89	3.478	----	----	----	3.476	----	----	----	----	3.476
1214	3.347	62.89	3.475	----	----	----	3.473	----	----	----	----	3.473
1215	3.344	62.89	3.472	----	----	----	3.470	----	----	----	----	3.470
1216	3.341	62.89	3.468	----	----	----	3.467	----	----	----	----	3.467
1217	3.337	62.89	3.465	----	----	----	3.463	----	----	----	----	3.463
1218	3.334	62.89	3.462	----	----	----	3.460	----	----	----	----	3.460
1219	3.331	62.89	3.459	----	----	----	3.457	----	----	----	----	3.457
1220	3.327	62.89	3.456	----	----	----	3.454	----	----	----	----	3.454
1221	3.324	62.89	3.452	----	----	----	3.451	----	----	----	----	3.451
1222	3.321	62.89	3.449	----	----	----	3.447	----	----	----	----	3.447
1223	3.318	62.89	3.446	----	----	----	3.444	----	----	----	----	3.444
1224	3.314	62.89	3.443	----	----	----	3.441	----	----	----	----	3.441
1225	3.311	62.89	3.440	----	----	----	3.438	----	----	----	----	3.438
1226	3.308	62.89	3.436	----	----	----	3.435	----	----	----	----	3.435
1227	3.305	62.89	3.433	----	----	----	3.431	----	----	----	----	3.431
1228	3.301	62.89	3.430	----	----	----	3.428	----	----	----	----	3.428
1229	3.298	62.89	3.427	----	----	----	3.425	----	----	----	----	3.425
1230	3.295	62.89	3.424	----	----	----	3.422	----	----	----	----	3.422
1231	3.291	62.89	3.420	----	----	----	3.418	----	----	----	----	3.419
1232	3.288	62.89	3.417	----	----	----	3.415	----	----	----	----	3.415
1233	3.285	62.89	3.414	----	----	----	3.412	----	----	----	----	3.412
1234	3.282	62.89	3.411	----	----	----	3.409	----	----	----	----	3.409
1235	3.278	62.89	3.408	----	----	----	3.406	----	----	----	----	3.406
1236	3.275	62.89	3.404	----	----	----	3.402	----	----	----	----	3.402
1237	3.272	62.89	3.401	----	----	----	3.399	----	----	----	----	3.399
1238	3.269	62.89	3.398	----	----	----	3.396	----	----	----	----	3.396
1239	3.265	62.89	3.395	----	----	----	3.393	----	----	----	----	3.393
1240	3.262	62.89	3.391	----	----	----	3.390	----	----	----	----	3.390
1241	3.259	62.89	3.388	----	----	----	3.386	----	----	----	----	3.386

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Hydrograph Discharge Table

Time (min)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
1242	3.255	62.89	3.385	----	----	----	3.383	----	----	----	----	3.383
1243	3.252	62.89	3.382	----	----	----	3.380	----	----	----	----	3.380
1244	3.249	62.88	3.378	----	----	----	3.377	----	----	----	----	3.377
1245	3.246	62.88	3.375	----	----	----	3.373	----	----	----	----	3.373
1246	3.242	62.88	3.372	----	----	----	3.370	----	----	----	----	3.370
1247	3.239	62.88	3.369	----	----	----	3.367	----	----	----	----	3.367
1248	3.236	62.88	3.366	----	----	----	3.364	----	----	----	----	3.364
1249	3.232	62.88	3.362	----	----	----	3.360	----	----	----	----	3.360
1250	3.229	62.88	3.359	----	----	----	3.357	----	----	----	----	3.357
1251	3.226	62.88	3.356	----	----	----	3.354	----	----	----	----	3.354
1252	3.223	62.88	3.353	----	----	----	3.351	----	----	----	----	3.351
1253	3.219	62.88	3.349	----	----	----	3.348	----	----	----	----	3.348
1254	3.216	62.88	3.346	----	----	----	3.344	----	----	----	----	3.344
1255	3.213	62.88	3.343	----	----	----	3.341	----	----	----	----	3.341
1256	3.209	62.88	3.340	----	----	----	3.338	----	----	----	----	3.338
1257	3.206	62.88	3.336	----	----	----	3.335	----	----	----	----	3.335
1258	3.203	62.88	3.333	----	----	----	3.331	----	----	----	----	3.331
1259	3.200	62.88	3.330	----	----	----	3.328	----	----	----	----	3.328
1260	3.196	62.88	3.327	----	----	----	3.325	----	----	----	----	3.325
1261	3.193	62.88	3.323	----	----	----	3.322	----	----	----	----	3.322
1262	3.190	62.88	3.320	----	----	----	3.318	----	----	----	----	3.318
1263	3.186	62.88	3.317	----	----	----	3.315	----	----	----	----	3.315
1264	3.183	62.88	3.314	----	----	----	3.312	----	----	----	----	3.312
1265	3.180	62.88	3.310	----	----	----	3.309	----	----	----	----	3.309
1266	3.177	62.88	3.307	----	----	----	3.305	----	----	----	----	3.305
1267	3.173	62.88	3.304	----	----	----	3.302	----	----	----	----	3.302
1268	3.170	62.88	3.301	----	----	----	3.299	----	----	----	----	3.299
1269	3.167	62.88	3.297	----	----	----	3.296	----	----	----	----	3.296
1270	3.163	62.88	3.294	----	----	----	3.292	----	----	----	----	3.292
1271	3.160	62.88	3.291	----	----	----	3.289	----	----	----	----	3.289
1272	3.157	62.88	3.288	----	----	----	3.286	----	----	----	----	3.286
1273	3.154	62.88	3.284	----	----	----	3.283	----	----	----	----	3.283
1274	3.150	62.88	3.281	----	----	----	3.279	----	----	----	----	3.279
1275	3.147	62.88	3.278	----	----	----	3.276	----	----	----	----	3.276
1276	3.144	62.88	3.275	----	----	----	3.273	----	----	----	----	3.273
1277	3.140	62.88	3.271	----	----	----	3.269	----	----	----	----	3.269
1278	3.137	62.88	3.268	----	----	----	3.266	----	----	----	----	3.266
1279	3.134	62.88	3.265	----	----	----	3.263	----	----	----	----	3.263
1280	3.131	62.88	3.262	----	----	----	3.260	----	----	----	----	3.260
1281	3.127	62.88	3.258	----	----	----	3.256	----	----	----	----	3.256
1282	3.124	62.88	3.255	----	----	----	3.253	----	----	----	----	3.253
1283	3.121	62.88	3.252	----	----	----	3.250	----	----	----	----	3.250
1284	3.117	62.88	3.249	----	----	----	3.247	----	----	----	----	3.247
1285	3.114	62.88	3.245	----	----	----	3.243	----	----	----	----	3.243
1286	3.111	62.88	3.242	----	----	----	3.240	----	----	----	----	3.240
1287	3.107	62.88	3.239	----	----	----	3.237	----	----	----	----	3.237
1288	3.104	62.88	3.235	----	----	----	3.234	----	----	----	----	3.234
1289	3.101	62.88	3.232	----	----	----	3.230	----	----	----	----	3.230
1290	3.098	62.88	3.229	----	----	----	3.227	----	----	----	----	3.227
1291	3.094	62.88	3.226	----	----	----	3.224	----	----	----	----	3.224
1292	3.091	62.88	3.222	----	----	----	3.220	----	----	----	----	3.220
1293	3.088	62.88	3.219	----	----	----	3.217	----	----	----	----	3.217
1294	3.084	62.88	3.216	----	----	----	3.214	----	----	----	----	3.214
1295	3.081	62.88	3.212	----	----	----	3.211	----	----	----	----	3.211
1296	3.078	62.88	3.209	----	----	----	3.207	----	----	----	----	3.207
1297	3.075	62.88	3.206	----	----	----	3.204	----	----	----	----	3.204

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Hydrograph Discharge Table

Time (min)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
1298	3.071	62.88	3.203	----	----	----	3.201	----	----	----	----	3.201
1299	3.068	62.88	3.199	----	----	----	3.198	----	----	----	----	3.198
1300	3.065	62.88	3.196	----	----	----	3.194	----	----	----	----	3.194
1301	3.061	62.88	3.193	----	----	----	3.191	----	----	----	----	3.191
1302	3.058	62.88	3.190	----	----	----	3.188	----	----	----	----	3.188
1303	3.055	62.88	3.186	----	----	----	3.184	----	----	----	----	3.184
1304	3.051	62.88	3.183	----	----	----	3.181	----	----	----	----	3.181
1305	3.048	62.88	3.180	----	----	----	3.178	----	----	----	----	3.178
1306	3.045	62.88	3.177	----	----	----	3.175	----	----	----	----	3.175
1307	3.042	62.88	3.173	----	----	----	3.171	----	----	----	----	3.171
1308	3.038	62.88	3.170	----	----	----	3.168	----	----	----	----	3.168
1309	3.035	62.88	3.167	----	----	----	3.165	----	----	----	----	3.165
1310	3.032	62.88	3.163	----	----	----	3.161	----	----	----	----	3.161
1311	3.028	62.88	3.160	----	----	----	3.158	----	----	----	----	3.158
1312	3.025	62.88	3.157	----	----	----	3.155	----	----	----	----	3.155
1313	3.022	62.88	3.154	----	----	----	3.152	----	----	----	----	3.152
1314	3.018	62.88	3.150	----	----	----	3.148	----	----	----	----	3.148
1315	3.015	62.88	3.147	----	----	----	3.145	----	----	----	----	3.145
1316	3.012	62.88	3.144	----	----	----	3.142	----	----	----	----	3.142
1317	3.009	62.88	3.140	----	----	----	3.138	----	----	----	----	3.138
1318	3.005	62.87	3.137	----	----	----	3.135	----	----	----	----	3.135
1319	3.002	62.87	3.134	----	----	----	3.132	----	----	----	----	3.132
1320	2.999	62.87	3.131	----	----	----	3.129	----	----	----	----	3.129
1321	2.995	62.87	3.127	----	----	----	3.125	----	----	----	----	3.125
1322	2.992	62.87	3.124	----	----	----	3.122	----	----	----	----	3.122
1323	2.989	62.87	3.121	----	----	----	3.119	----	----	----	----	3.119
1324	2.985	62.87	3.117	----	----	----	3.115	----	----	----	----	3.115
1325	2.982	62.87	3.114	----	----	----	3.112	----	----	----	----	3.112
1326	2.979	62.87	3.111	----	----	----	3.109	----	----	----	----	3.109
1327	2.975	62.87	3.108	----	----	----	3.106	----	----	----	----	3.106
1328	2.972	62.87	3.104	----	----	----	3.102	----	----	----	----	3.102
1329	2.969	62.87	3.101	----	----	----	3.099	----	----	----	----	3.099
1330	2.966	62.87	3.098	----	----	----	3.096	----	----	----	----	3.096
1331	2.962	62.87	3.094	----	----	----	3.092	----	----	----	----	3.092
1332	2.959	62.87	3.091	----	----	----	3.089	----	----	----	----	3.089
1333	2.956	62.87	3.088	----	----	----	3.086	----	----	----	----	3.086
1334	2.952	62.87	3.084	----	----	----	3.083	----	----	----	----	3.083
1335	2.949	62.87	3.081	----	----	----	3.079	----	----	----	----	3.079
1336	2.946	62.87	3.078	----	----	----	3.076	----	----	----	----	3.076
1337	2.942	62.87	3.075	----	----	----	3.073	----	----	----	----	3.073
1338	2.939	62.87	3.071	----	----	----	3.069	----	----	----	----	3.069
1339	2.936	62.87	3.068	----	----	----	3.066	----	----	----	----	3.066
1340	2.933	62.87	3.065	----	----	----	3.063	----	----	----	----	3.063
1341	2.929	62.87	3.061	----	----	----	3.059	----	----	----	----	3.059
1342	2.926	62.87	3.058	----	----	----	3.056	----	----	----	----	3.056
1343	2.923	62.87	3.055	----	----	----	3.053	----	----	----	----	3.053
1344	2.919	62.87	3.052	----	----	----	3.050	----	----	----	----	3.050
1345	2.916	62.87	3.048	----	----	----	3.046	----	----	----	----	3.046
1346	2.913	62.87	3.045	----	----	----	3.043	----	----	----	----	3.043
1347	2.909	62.87	3.042	----	----	----	3.040	----	----	----	----	3.040
1348	2.906	62.87	3.038	----	----	----	3.036	----	----	----	----	3.036
1349	2.903	62.87	3.035	----	----	----	3.033	----	----	----	----	3.033
1350	2.899	62.87	3.032	----	----	----	3.030	----	----	----	----	3.030
1351	2.896	62.87	3.029	----	----	----	3.027	----	----	----	----	3.027
1352	2.893	62.87	3.025	----	----	----	3.023	----	----	----	----	3.023
1353	2.889	62.87	3.022	----	----	----	3.020	----	----	----	----	3.020

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Hydrograph Discharge Table

Time (min)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
1354	2.886	62.87	3.019	----	----	----	3.017	----	----	----	----	3.017
1355	2.883	62.87	3.015	----	----	----	3.013	----	----	----	----	3.013
1356	2.880	62.87	3.012	----	----	----	3.010	----	----	----	----	3.010
1357	2.876	62.87	3.009	----	----	----	3.007	----	----	----	----	3.007
1358	2.873	62.87	3.005	----	----	----	3.003	----	----	----	----	3.003
1359	2.870	62.87	3.002	----	----	----	3.000	----	----	----	----	3.000
1360	2.866	62.87	2.999	----	----	----	2.997	----	----	----	----	2.997
1361	2.863	62.87	2.996	----	----	----	2.994	----	----	----	----	2.994
1362	2.860	62.87	2.992	----	----	----	2.990	----	----	----	----	2.990
1363	2.856	62.87	2.989	----	----	----	2.987	----	----	----	----	2.987
1364	2.853	62.87	2.986	----	----	----	2.984	----	----	----	----	2.984
1365	2.850	62.87	2.982	----	----	----	2.980	----	----	----	----	2.980
1366	2.846	62.87	2.979	----	----	----	2.977	----	----	----	----	2.977
1367	2.843	62.87	2.976	----	----	----	2.974	----	----	----	----	2.974
1368	2.840	62.87	2.972	----	----	----	2.970	----	----	----	----	2.970
1369	2.836	62.87	2.969	----	----	----	2.967	----	----	----	----	2.967
1370	2.833	62.87	2.966	----	----	----	2.964	----	----	----	----	2.964
1371	2.830	62.87	2.962	----	----	----	2.960	----	----	----	----	2.961
1372	2.827	62.87	2.959	----	----	----	2.957	----	----	----	----	2.957
1373	2.823	62.87	2.956	----	----	----	2.954	----	----	----	----	2.954
1374	2.820	62.87	2.953	----	----	----	2.951	----	----	----	----	2.951
1375	2.817	62.87	2.949	----	----	----	2.947	----	----	----	----	2.947
1376	2.813	62.87	2.946	----	----	----	2.944	----	----	----	----	2.944
1377	2.810	62.87	2.943	----	----	----	2.941	----	----	----	----	2.941
1378	2.807	62.87	2.939	----	----	----	2.937	----	----	----	----	2.937
1379	2.803	62.87	2.936	----	----	----	2.934	----	----	----	----	2.934
1380	2.800	62.87	2.933	----	----	----	2.931	----	----	----	----	2.931
1381	2.797	62.87	2.929	----	----	----	2.927	----	----	----	----	2.927
1382	2.793	62.87	2.926	----	----	----	2.924	----	----	----	----	2.924
1383	2.790	62.87	2.923	----	----	----	2.921	----	----	----	----	2.921
1384	2.787	62.87	2.920	----	----	----	2.917	----	----	----	----	2.918
1385	2.783	62.87	2.916	----	----	----	2.914	----	----	----	----	2.914
1386	2.780	62.87	2.913	----	----	----	2.911	----	----	----	----	2.911
1387	2.777	62.87	2.910	----	----	----	2.908	----	----	----	----	2.908
1388	2.773	62.87	2.906	----	----	----	2.904	----	----	----	----	2.904
1389	2.770	62.87	2.903	----	----	----	2.901	----	----	----	----	2.901
1390	2.767	62.87	2.900	----	----	----	2.898	----	----	----	----	2.898
1391	2.763	62.86	2.896	----	----	----	2.894	----	----	----	----	2.894
1392	2.760	62.86	2.893	----	----	----	2.891	----	----	----	----	2.891
1393	2.757	62.86	2.890	----	----	----	2.888	----	----	----	----	2.888
1394	2.753	62.86	2.887	----	----	----	2.884	----	----	----	----	2.884
1395	2.750	62.86	2.883	----	----	----	2.881	----	----	----	----	2.881
1396	2.747	62.86	2.880	----	----	----	2.878	----	----	----	----	2.878
1397	2.744	62.86	2.877	----	----	----	2.875	----	----	----	----	2.875
1398	2.740	62.86	2.873	----	----	----	2.871	----	----	----	----	2.871
1399	2.737	62.86	2.870	----	----	----	2.868	----	----	----	----	2.868
1400	2.734	62.86	2.867	----	----	----	2.865	----	----	----	----	2.865
1401	2.730	62.86	2.863	----	----	----	2.861	----	----	----	----	2.861
1402	2.727	62.86	2.860	----	----	----	2.858	----	----	----	----	2.858
1403	2.724	62.86	2.857	----	----	----	2.855	----	----	----	----	2.855
1404	2.720	62.86	2.853	----	----	----	2.851	----	----	----	----	2.851
1405	2.717	62.86	2.850	----	----	----	2.848	----	----	----	----	2.848
1406	2.714	62.86	2.847	----	----	----	2.845	----	----	----	----	2.845
1407	2.710	62.86	2.843	----	----	----	2.841	----	----	----	----	2.841
1408	2.707	62.86	2.840	----	----	----	2.838	----	----	----	----	2.838
1409	2.704	62.86	2.837	----	----	----	2.835	----	----	----	----	2.835

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Hydrograph Discharge Table

Time (min)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
1410	2.700	62.86	2.833	----	----	----	2.831	----	----	----	----	2.831
1411	2.697	62.86	2.830	----	----	----	2.828	----	----	----	----	2.828
1412	2.694	62.86	2.827	----	----	----	2.825	----	----	----	----	2.825
1413	2.690	62.86	2.824	----	----	----	2.821	----	----	----	----	2.821
1414	2.687	62.86	2.820	----	----	----	2.818	----	----	----	----	2.818
1415	2.684	62.86	2.817	----	----	----	2.815	----	----	----	----	2.815
1416	2.680	62.86	2.814	----	----	----	2.812	----	----	----	----	2.812
1417	2.677	62.86	2.810	----	----	----	2.808	----	----	----	----	2.808
1418	2.674	62.86	2.807	----	----	----	2.805	----	----	----	----	2.805
1419	2.670	62.86	2.804	----	----	----	2.802	----	----	----	----	2.802
1420	2.667	62.86	2.800	----	----	----	2.798	----	----	----	----	2.798
1421	2.664	62.86	2.797	----	----	----	2.795	----	----	----	----	2.795
1422	2.660	62.86	2.794	----	----	----	2.792	----	----	----	----	2.792
1423	2.657	62.86	2.790	----	----	----	2.788	----	----	----	----	2.788
1424	2.654	62.86	2.787	----	----	----	2.785	----	----	----	----	2.785
1425	2.650	62.86	2.784	----	----	----	2.782	----	----	----	----	2.782
1426	2.647	62.86	2.780	----	----	----	2.778	----	----	----	----	2.778
1427	2.644	62.86	2.777	----	----	----	2.775	----	----	----	----	2.775
1428	2.640	62.86	2.774	----	----	----	2.772	----	----	----	----	2.772
1429	2.637	62.86	2.771	----	----	----	2.768	----	----	----	----	2.768
1430	2.634	62.86	2.767	----	----	----	2.765	----	----	----	----	2.765
1431	2.630	62.86	2.764	----	----	----	2.762	----	----	----	----	2.762
1432	2.627	62.86	2.761	----	----	----	2.758	----	----	----	----	2.758
1433	2.624	62.86	2.757	----	----	----	2.755	----	----	----	----	2.755
1434	2.620	62.86	2.754	----	----	----	2.752	----	----	----	----	2.752
1435	2.617	62.86	2.751	----	----	----	2.748	----	----	----	----	2.749
1436	2.614	62.86	2.747	----	----	----	2.745	----	----	----	----	2.745
1437	2.610	62.86	2.744	----	----	----	2.742	----	----	----	----	2.742
1438	2.607	62.86	2.741	----	----	----	2.739	----	----	----	----	2.739
1439	2.604	62.86	2.737	----	----	----	2.735	----	----	----	----	2.735
1440	2.600	62.86	2.734	----	----	----	2.732	----	----	----	----	2.732
1441	2.594	62.86	2.731	----	----	----	2.728	----	----	----	----	2.729
1442	2.583	62.86	2.727	----	----	----	2.725	----	----	----	----	2.725
1443	2.570	62.86	2.723	----	----	----	2.721	----	----	----	----	2.721
1444	2.552	62.86	2.719	----	----	----	2.717	----	----	----	----	2.717
1445	2.531	62.86	2.715	----	----	----	2.713	----	----	----	----	2.713
1446	2.507	62.86	2.710	----	----	----	2.708	----	----	----	----	2.708
1447	2.479	62.86	2.705	----	----	----	2.703	----	----	----	----	2.703
1448	2.448	62.86	2.699	----	----	----	2.697	----	----	----	----	2.697
1449	2.413	62.86	2.692	----	----	----	2.690	----	----	----	----	2.690
1450	2.375	62.86	2.685	----	----	----	2.683	----	----	----	----	2.683
1451	2.334	62.86	2.677	----	----	----	2.675	----	----	----	----	2.675
1452	2.289	62.86	2.668	----	----	----	2.665	----	----	----	----	2.665
1453	2.240	62.86	2.658	----	----	----	2.655	----	----	----	----	2.655
1454	2.188	62.85	2.647	----	----	----	2.644	----	----	----	----	2.644
1455	2.133	62.85	2.634	----	----	----	2.632	----	----	----	----	2.632
1456	2.074	62.85	2.621	----	----	----	2.619	----	----	----	----	2.619
1457	2.012	62.85	2.607	----	----	----	2.605	----	----	----	----	2.605
1458	1.946	62.85	2.591	----	----	----	2.589	----	----	----	----	2.589
1459	1.877	62.85	2.574	----	----	----	2.572	----	----	----	----	2.572
1460	1.804	62.85	2.556	----	----	----	2.554	----	----	----	----	2.554
1461	1.728	62.85	2.536	----	----	----	2.534	----	----	----	----	2.534
1462	1.654	62.85	2.515	----	----	----	2.513	----	----	----	----	2.513
1463	1.581	62.85	2.493	----	----	----	2.491	----	----	----	----	2.491
1464	1.511	62.85	2.469	----	----	----	2.467	----	----	----	----	2.467
1465	1.441	62.85	2.445	----	----	----	2.443	----	----	----	----	2.443

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Hydrograph Discharge Table

Time (min)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
1466	1.374	62.85	2.419	----	----	----	2.417	----	----	----	----	2.417
1467	1.308	62.84	2.392	----	----	----	2.390	----	----	----	----	2.390
1468	1.243	62.84	2.364	----	----	----	2.362	----	----	----	----	2.362
1469	1.181	62.84	2.336	----	----	----	2.333	----	----	----	----	2.333
1470	1.120	62.84	2.306	----	----	----	2.304	----	----	----	----	2.304
1471	1.060	62.84	2.276	----	----	----	2.273	----	----	----	----	2.273
1472	1.002	62.84	2.245	----	----	----	2.242	----	----	----	----	2.242
1473	0.946	62.84	2.213	----	----	----	2.211	----	----	----	----	2.211
1474	0.892	62.84	2.181	----	----	----	2.178	----	----	----	----	2.178
1475	0.839	62.83	2.148	----	----	----	2.146	----	----	----	----	2.146
1476	0.788	62.83	2.115	----	----	----	2.112	----	----	----	----	2.112
1477	0.738	62.83	2.081	----	----	----	2.079	----	----	----	----	2.079
1478	0.690	62.83	2.047	----	----	----	2.045	----	----	----	----	2.045
1479	0.644	62.83	2.013	----	----	----	2.010	----	----	----	----	2.010
1480	0.599	62.83	1.978	----	----	----	1.976	----	----	----	----	1.976
1481	0.556	62.83	1.943	----	----	----	1.941	----	----	----	----	1.941
1482	0.515	62.82	1.908	----	----	----	1.906	----	----	----	----	1.906
1483	0.475	62.82	1.873	----	----	----	1.870	----	----	----	----	1.870
1484	0.437	62.82	1.838	----	----	----	1.835	----	----	----	----	1.835
1485	0.400	62.82	1.802	----	----	----	1.800	----	----	----	----	1.800
1486	0.365	62.82	1.767	----	----	----	1.764	----	----	----	----	1.764
1487	0.332	62.82	1.732	----	----	----	1.729	----	----	----	----	1.729
1488	0.300	62.82	1.696	----	----	----	1.694	----	----	----	----	1.694
1489	0.270	62.81	1.661	----	----	----	1.659	----	----	----	----	1.659
1490	0.242	62.81	1.626	----	----	----	1.624	----	----	----	----	1.624
1491	0.215	62.81	1.591	----	----	----	1.589	----	----	----	----	1.589
1492	0.189	62.81	1.557	----	----	----	1.554	----	----	----	----	1.554
1493	0.166	62.81	1.522	----	----	----	1.520	----	----	----	----	1.520
1494	0.143	62.81	1.488	----	----	----	1.486	----	----	----	----	1.486
1495	0.123	62.81	1.454	----	----	----	1.452	----	----	----	----	1.452
1496	0.104	62.80	1.421	----	----	----	1.418	----	----	----	----	1.418
1497	0.087	62.80	1.388	----	----	----	1.385	----	----	----	----	1.385
1498	0.071	62.80	1.355	----	----	----	1.353	----	----	----	----	1.353
1499	0.057	62.80	1.324	----	----	----	1.321	----	----	----	----	1.321
1500	0.044	62.80	1.307	----	----	----	1.304	----	----	----	----	1.304
1501	0.033	62.80	1.289	----	----	----	1.287	----	----	----	----	1.287
1502	0.024	62.80	1.272	----	----	----	1.269	----	----	----	----	1.269
1503	0.016	62.79	1.255	----	----	----	1.252	----	----	----	----	1.252
1504	0.009	62.79	1.238	----	----	----	1.235	----	----	----	----	1.235
1505	0.005	62.79	1.221	----	----	----	1.218	----	----	----	----	1.218
1506	0.002	62.79	1.204	----	----	----	1.202	----	----	----	----	1.202
1507	0.000	62.79	1.187	----	----	----	1.185	----	----	----	----	1.185
1508	0.000	62.79	1.171	----	----	----	1.169	----	----	----	----	1.169
1509	0.000	62.79	1.155	----	----	----	1.153	----	----	----	----	1.153
1510	0.000	62.79	1.139	----	----	----	1.137	----	----	----	----	1.137
1511	0.000	62.78	1.124	----	----	----	1.121	----	----	----	----	1.121
1512	0.000	62.78	1.108	----	----	----	1.106	----	----	----	----	1.106
1513	0.000	62.78	1.093	----	----	----	1.091	----	----	----	----	1.091
1514	0.000	62.78	1.078	----	----	----	1.076	----	----	----	----	1.076
1515	0.000	62.78	1.063	----	----	----	1.061	----	----	----	----	1.061
1516	0.000	62.78	1.049	----	----	----	1.046	----	----	----	----	1.046
1517	0.000	62.78	1.034	----	----	----	1.032	----	----	----	----	1.032
1518	0.000	62.78	1.020	----	----	----	1.018	----	----	----	----	1.018
1519	0.000	62.78	1.006	----	----	----	1.004	----	----	----	----	1.004
1520	0.000	62.77	0.992	----	----	----	0.990	----	----	----	----	0.990
1521	0.000	62.77	0.978	----	----	----	0.977	----	----	----	----	0.977

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Hydrograph Discharge Table

Time (min)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
1522	0.000	62.77	0.965	----	----	----	0.963	----	----	----	----	0.963
1523	0.000	62.77	0.952	----	----	----	0.950	----	----	----	----	0.950
1524	0.000	62.77	0.939	----	----	----	0.937	----	----	----	----	0.937
1525	0.000	62.77	0.926	----	----	----	0.924	----	----	----	----	0.924
1526	0.000	62.77	0.913	----	----	----	0.911	----	----	----	----	0.911
1527	0.000	62.77	0.901	----	----	----	0.899	----	----	----	----	0.899
1528	0.000	62.77	0.888	----	----	----	0.886	----	----	----	----	0.886
1529	0.000	62.77	0.876	----	----	----	0.874	----	----	----	----	0.874
1530	0.000	62.77	0.864	----	----	----	0.862	----	----	----	----	0.862
1531	0.000	62.76	0.852	----	----	----	0.850	----	----	----	----	0.850
1532	0.000	62.76	0.840	----	----	----	0.839	----	----	----	----	0.839
1533	0.000	62.76	0.829	----	----	----	0.827	----	----	----	----	0.827
1534	0.000	62.76	0.817	----	----	----	0.816	----	----	----	----	0.816
1535	0.000	62.76	0.806	----	----	----	0.805	----	----	----	----	0.805
1536	0.000	62.76	0.795	----	----	----	0.794	----	----	----	----	0.794
1537	0.000	62.76	0.784	----	----	----	0.783	----	----	----	----	0.783
1538	0.000	62.76	0.774	----	----	----	0.772	----	----	----	----	0.772
1539	0.000	62.76	0.763	----	----	----	0.761	----	----	----	----	0.761
1540	0.000	62.76	0.752	----	----	----	0.751	----	----	----	----	0.751
1541	0.000	62.76	0.742	----	----	----	0.741	----	----	----	----	0.741
1542	0.000	62.76	0.732	----	----	----	0.730	----	----	----	----	0.730
1543	0.000	62.75	0.722	----	----	----	0.720	----	----	----	----	0.720
1544	0.000	62.75	0.712	----	----	----	0.711	----	----	----	----	0.711
1545	0.000	62.75	0.702	----	----	----	0.701	----	----	----	----	0.701
1546	0.000	62.75	0.693	----	----	----	0.691	----	----	----	----	0.691
1547	0.000	62.75	0.683	----	----	----	0.682	----	----	----	----	0.682
1548	0.000	62.75	0.674	----	----	----	0.672	----	----	----	----	0.672
1549	0.000	62.75	0.664	----	----	----	0.663	----	----	----	----	0.663
1550	0.000	62.75	0.655	----	----	----	0.654	----	----	----	----	0.654
1551	0.000	62.75	0.646	----	----	----	0.645	----	----	----	----	0.645
1552	0.000	62.75	0.637	----	----	----	0.636	----	----	----	----	0.636
1553	0.000	62.75	0.629	----	----	----	0.627	----	----	----	----	0.627
1554	0.000	62.75	0.620	----	----	----	0.619	----	----	----	----	0.619
1555	0.000	62.75	0.611	----	----	----	0.610	----	----	----	----	0.610
1556	0.000	62.75	0.603	----	----	----	0.602	----	----	----	----	0.602
1557	0.000	62.74	0.595	----	----	----	0.594	----	----	----	----	0.594
1558	0.000	62.74	0.587	----	----	----	0.585	----	----	----	----	0.585
1559	0.000	62.74	0.579	----	----	----	0.577	----	----	----	----	0.577
1560	0.000	62.74	0.571	----	----	----	0.569	----	----	----	----	0.570
1561	0.000	62.74	0.563	----	----	----	0.562	----	----	----	----	0.562
1562	0.000	62.74	0.555	----	----	----	0.554	----	----	----	----	0.554
1563	0.000	62.74	0.547	----	----	----	0.546	----	----	----	----	0.546
1564	0.000	62.74	0.540	----	----	----	0.539	----	----	----	----	0.539
1565	0.000	62.74	0.533	----	----	----	0.531	----	----	----	----	0.531
1566	0.000	62.74	0.525	----	----	----	0.524	----	----	----	----	0.524
1567	0.000	62.74	0.518	----	----	----	0.517	----	----	----	----	0.517
1568	0.000	62.74	0.511	----	----	----	0.510	----	----	----	----	0.510
1569	0.000	62.74	0.504	----	----	----	0.503	----	----	----	----	0.503
1570	0.000	62.74	0.497	----	----	----	0.496	----	----	----	----	0.496
1571	0.000	62.74	0.490	----	----	----	0.489	----	----	----	----	0.489
1572	0.000	62.74	0.483	----	----	----	0.482	----	----	----	----	0.482
1573	0.000	62.74	0.477	----	----	----	0.476	----	----	----	----	0.476
1574	0.000	62.74	0.470	----	----	----	0.469	----	----	----	----	0.469
1575	0.000	62.73	0.464	----	----	----	0.463	----	----	----	----	0.463
1576	0.000	62.73	0.457	----	----	----	0.456	----	----	----	----	0.456
1577	0.000	62.73	0.451	----	----	----	0.450	----	----	----	----	0.450

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Hydrograph Discharge Table

Time (min)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
1578	0.000	62.73	0.445	----	----	----	0.444	----	----	----	----	0.444
1579	0.000	62.73	0.439	----	----	----	0.438	----	----	----	----	0.438
1580	0.000	62.73	0.433	----	----	----	0.432	----	----	----	----	0.432
1581	0.000	62.73	0.427	----	----	----	0.426	----	----	----	----	0.426
1582	0.000	62.73	0.421	----	----	----	0.420	----	----	----	----	0.420
1583	0.000	62.73	0.415	----	----	----	0.414	----	----	----	----	0.414
1584	0.000	62.73	0.409	----	----	----	0.409	----	----	----	----	0.409
1585	0.000	62.73	0.404	----	----	----	0.403	----	----	----	----	0.403
1586	0.000	62.73	0.398	----	----	----	0.398	----	----	----	----	0.398
1587	0.000	62.73	0.393	----	----	----	0.392	----	----	----	----	0.392
1588	0.000	62.73	0.387	----	----	----	0.387	----	----	----	----	0.387
1589	0.000	62.73	0.382	----	----	----	0.381	----	----	----	----	0.381
1590	0.000	62.73	0.377	----	----	----	0.376	----	----	----	----	0.376
1591	0.000	62.73	0.372	----	----	----	0.371	----	----	----	----	0.371
1592	0.000	62.73	0.367	----	----	----	0.366	----	----	----	----	0.366
1593	0.000	62.73	0.362	----	----	----	0.361	----	----	----	----	0.361
1594	0.000	62.73	0.357	----	----	----	0.356	----	----	----	----	0.356
1595	0.000	62.73	0.352	----	----	----	0.351	----	----	----	----	0.351
1596	0.000	62.73	0.347	----	----	----	0.346	----	----	----	----	0.346
1597	0.000	62.73	0.342	----	----	----	0.341	----	----	----	----	0.341
1598	0.000	62.73	0.337	----	----	----	0.337	----	----	----	----	0.337
1599	0.000	62.73	0.333	----	----	----	0.332	----	----	----	----	0.332
1600	0.000	62.72	0.328	----	----	----	0.328	----	----	----	----	0.328
1601	0.000	62.72	0.324	----	----	----	0.323	----	----	----	----	0.323
1602	0.000	62.72	0.319	----	----	----	0.319	----	----	----	----	0.319
1603	0.000	62.72	0.315	----	----	----	0.314	----	----	----	----	0.314
1604	0.000	62.72	0.311	----	----	----	0.310	----	----	----	----	0.310
1605	0.000	62.72	0.306	----	----	----	0.306	----	----	----	----	0.306
1606	0.000	62.72	0.302	----	----	----	0.302	----	----	----	----	0.301
1607	0.000	62.72	0.298	----	----	----	0.297	----	----	----	----	0.297
1608	0.000	62.72	0.294	----	----	----	0.293	----	----	----	----	0.293
1609	0.000	62.72	0.290	----	----	----	0.289	----	----	----	----	0.289
1610	0.000	62.72	0.286	----	----	----	0.285	----	----	----	----	0.285
1611	0.000	62.72	0.282	----	----	----	0.281	----	----	----	----	0.281
1612	0.000	62.72	0.278	----	----	----	0.278	----	----	----	----	0.277
1613	0.000	62.72	0.274	----	----	----	0.274	----	----	----	----	0.274
1614	0.000	62.72	0.270	----	----	----	0.270	----	----	----	----	0.270
1615	0.000	62.72	0.267	----	----	----	0.266	----	----	----	----	0.266
1616	0.000	62.72	0.263	----	----	----	0.263	----	----	----	----	0.263
1617	0.000	62.72	0.259	----	----	----	0.259	----	----	----	----	0.259
1618	0.000	62.72	0.256	----	----	----	0.255	----	----	----	----	0.255
1619	0.000	62.72	0.252	----	----	----	0.252	----	----	----	----	0.252
1620	0.000	62.72	0.249	----	----	----	0.248	----	----	----	----	0.248
1621	0.000	62.72	0.246	----	----	----	0.245	----	----	----	----	0.245
1622	0.000	62.72	0.242	----	----	----	0.242	----	----	----	----	0.242
1623	0.000	62.72	0.239	----	----	----	0.238	----	----	----	----	0.238
1624	0.000	62.72	0.236	----	----	----	0.235	----	----	----	----	0.235
1625	0.000	62.72	0.232	----	----	----	0.232	----	----	----	----	0.232
1626	0.000	62.72	0.229	----	----	----	0.229	----	----	----	----	0.229
1627	0.000	62.72	0.226	----	----	----	0.225	----	----	----	----	0.226
1628	0.000	62.72	0.223	----	----	----	0.222	----	----	----	----	0.222
1629	0.000	62.72	0.220	----	----	----	0.219	----	----	----	----	0.219
1630	0.000	62.72	0.217	----	----	----	0.216	----	----	----	----	0.216
1631	0.000	62.72	0.214	----	----	----	0.213	----	----	----	----	0.213
1632	0.000	62.72	0.211	----	----	----	0.210	----	----	----	----	0.210
1633	0.000	62.72	0.208	----	----	----	0.208	----	----	----	----	0.208

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Hydrograph Discharge Table

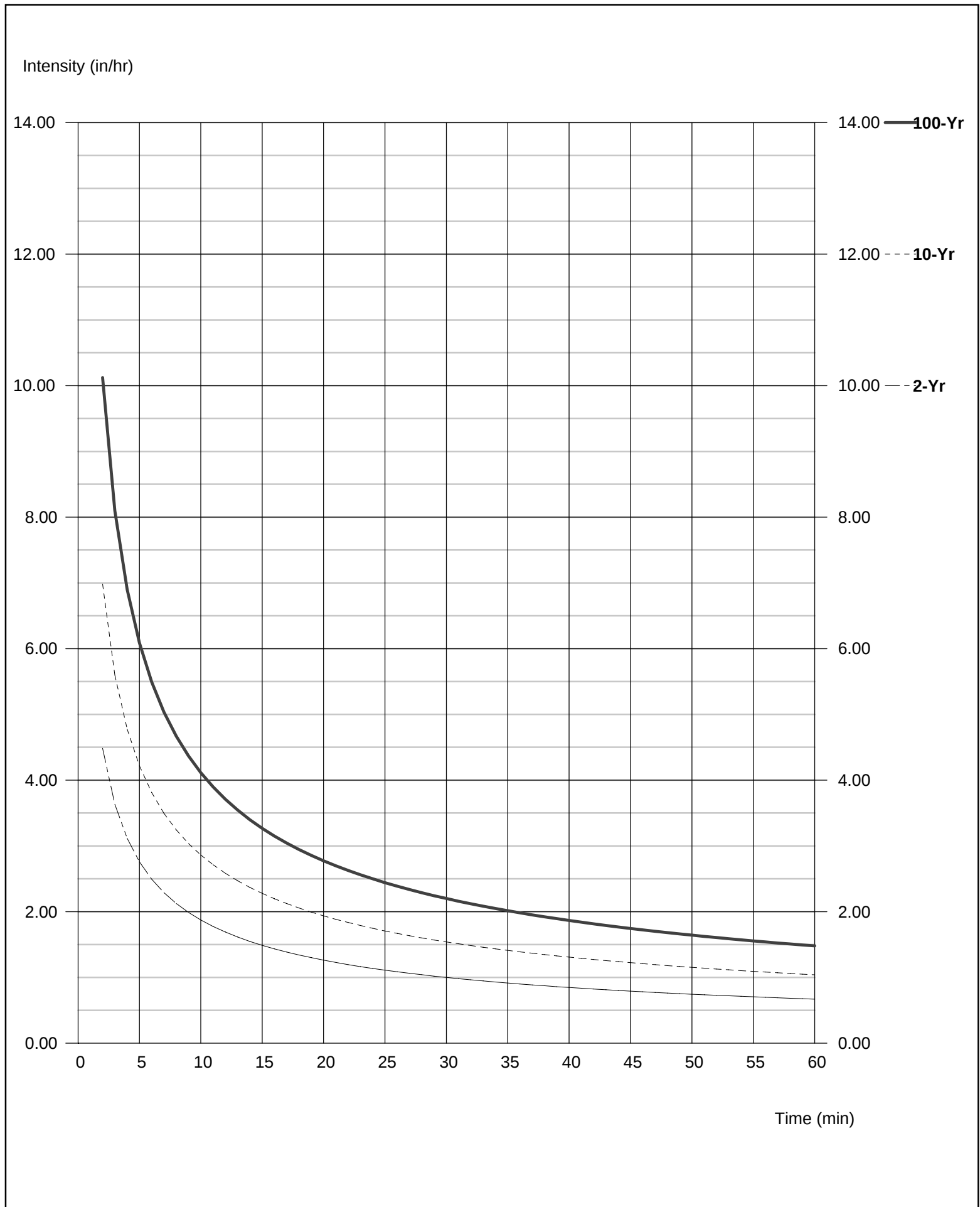
Time (min)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
1634	0.000	62.72	0.205	----	----	----	0.205	----	----	----	----	0.205
1635	0.000	62.72	0.202	----	----	----	0.202	----	----	----	----	0.202
1636	0.000	62.72	0.200	----	----	----	0.199	----	----	----	----	0.199
1637	0.000	62.71	0.197	----	----	----	0.196	----	----	----	----	0.196
1638	0.000	62.71	0.194	----	----	----	0.194	----	----	----	----	0.194
1639	0.000	62.71	0.191	----	----	----	0.191	----	----	----	----	0.191
1640	0.000	62.71	0.189	----	----	----	0.188	----	----	----	----	0.188
1641	0.000	62.71	0.186	----	----	----	0.186	----	----	----	----	0.186
1642	0.000	62.71	0.184	----	----	----	0.183	----	----	----	----	0.183
1643	0.000	62.71	0.181	----	----	----	0.181	----	----	----	----	0.181
1644	0.000	62.71	0.179	----	----	----	0.178	----	----	----	----	0.178
1645	0.000	62.71	0.176	----	----	----	0.176	----	----	----	----	0.176
1646	0.000	62.71	0.174	----	----	----	0.173	----	----	----	----	0.173
1647	0.000	62.71	0.171	----	----	----	0.171	----	----	----	----	0.171
1648	0.000	62.71	0.169	----	----	----	0.169	----	----	----	----	0.169
1649	0.000	62.71	0.167	----	----	----	0.166	----	----	----	----	0.166
1650	0.000	62.71	0.164	----	----	----	0.164	----	----	----	----	0.164
1651	0.000	62.71	0.162	----	----	----	0.162	----	----	----	----	0.162
1652	0.000	62.71	0.160	----	----	----	0.160	----	----	----	----	0.160
1653	0.000	62.71	0.158	----	----	----	0.157	----	----	----	----	0.157
1654	0.000	62.71	0.156	----	----	----	0.155	----	----	----	----	0.155
1655	0.000	62.71	0.153	----	----	----	0.153	----	----	----	----	0.153
1656	0.000	62.71	0.151	----	----	----	0.151	----	----	----	----	0.151
1657	0.000	62.71	0.149	----	----	----	0.149	----	----	----	----	0.149
1658	0.000	62.71	0.147	----	----	----	0.147	----	----	----	----	0.147
1659	0.000	62.71	0.145	----	----	----	0.145	----	----	----	----	0.145
1660	0.000	62.71	0.143	----	----	----	0.143	----	----	----	----	0.143
1661	0.000	62.71	0.141	----	----	----	0.141	----	----	----	----	0.141
1662	0.000	62.71	0.139	----	----	----	0.139	----	----	----	----	0.139
1663	0.000	62.71	0.137	----	----	----	0.137	----	----	----	----	0.137
1664	0.000	62.71	0.135	----	----	----	0.135	----	----	----	----	0.135
1665	0.000	62.71	0.134	----	----	----	0.133	----	----	----	----	0.133
1666	0.000	62.71	0.132	----	----	----	0.132	----	----	----	----	0.132
1667	0.000	62.71	0.130	----	----	----	0.130	----	----	----	----	0.130
1668	0.000	62.71	0.128	----	----	----	0.128	----	----	----	----	0.128
1669	0.000	62.71	0.126	----	----	----	0.126	----	----	----	----	0.126
1670	0.000	62.71	0.125	----	----	----	0.124	----	----	----	----	0.124
1671	0.000	62.71	0.123	----	----	----	0.123	----	----	----	----	0.123
1672	0.000	62.71	0.121	----	----	----	0.121	----	----	----	----	0.121
1673	0.000	62.71	0.120	----	----	----	0.119	----	----	----	----	0.119
1674	0.000	62.71	0.118	----	----	----	0.118	----	----	----	----	0.118
1675	0.000	62.71	0.116	----	----	----	0.116	----	----	----	----	0.116
1676	0.000	62.71	0.115	----	----	----	0.115	----	----	----	----	0.115
1677	0.000	62.71	0.113	----	----	----	0.113	----	----	----	----	0.113
1678	0.000	62.71	0.112	----	----	----	0.111	----	----	----	----	0.111
1679	0.000	62.71	0.110	----	----	----	0.110	----	----	----	----	0.110
1680	0.000	62.71	0.109	----	----	----	0.108	----	----	----	----	0.108
1681	0.000	62.71	0.107	----	----	----	0.107	----	----	----	----	0.107
1682	0.000	62.71	0.106	----	----	----	0.105	----	----	----	----	0.105
1683	0.000	62.71	0.104	----	----	----	0.104	----	----	----	----	0.104
1684	0.000	62.71	0.103	----	----	----	0.103	----	----	----	----	0.103
1685	0.000	62.71	0.101	----	----	----	0.101	----	----	----	----	0.101
1686	0.000	62.71	0.100	----	----	----	0.100	----	----	----	----	0.100
1687	0.000	62.71	0.099	----	----	----	0.098	----	----	----	----	0.098
1688	0.000	62.71	0.097	----	----	----	0.097	----	----	----	----	0.097
1689	0.000	62.71	0.096	----	----	----	0.096	----	----	----	----	0.096

Continues on next page...

Hydrograph Discharge Table

Time (min)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
1690	0.000	62.71	0.095	----	----	----	0.094	----	----	----	----	0.094
1691	0.000	62.71	0.093	----	----	----	0.093	----	----	----	----	0.093
1692	0.000	62.71	0.092	----	----	----	0.092	----	----	----	----	0.092
1693	0.000	62.71	0.091	----	----	----	0.091	----	----	----	----	0.091
1694	0.000	62.71	0.089	----	----	----	0.089	----	----	----	----	0.089
1695	0.000	62.71	0.088	----	----	----	0.088	----	----	----	----	0.088
1696	0.000	62.71	0.087	----	----	----	0.087	----	----	----	----	0.087
1697	0.000	62.71	0.086	----	----	----	0.086	----	----	----	----	0.086
1698	0.000	62.71	0.085	----	----	----	0.084	----	----	----	----	0.084
1699	0.000	62.71	0.084	----	----	----	0.083	----	----	----	----	0.083
1700	0.000	62.71	0.082	----	----	----	0.082	----	----	----	----	0.082
1701	0.000	62.71	0.081	----	----	----	0.081	----	----	----	----	0.081
1702	0.000	62.71	0.080	----	----	----	0.080	----	----	----	----	0.080
1703	0.000	62.71	0.079	----	----	----	0.079	----	----	----	----	0.079
1704	0.000	62.71	0.078	----	----	----	0.078	----	----	----	----	0.078
1705	0.000	62.71	0.077	----	----	----	0.077	----	----	----	----	0.077
1706	0.000	62.71	0.076	----	----	----	0.076	----	----	----	----	0.076
1707	0.000	62.71	0.075	----	----	----	0.075	----	----	----	----	0.075

...End



BIO-SWALE TREATMENT CALCULATIONS

Storm water runoff swale residence time calculation

Southern Swale

Area	582000.00 ft ²
i	0.20 in/hr
C	0.65
Q=CiA	1.75 CFS

Swale geometry

Trapezoidal section 1' flat bottom with 3:1 side slopes

Slope	0.002
Velocity	0.28 ft/sec
Swale length	570 ft

Residence time	33.9 min
-----------------------	-----------------

Northern Swale

Area	340000.00 ft ²
i	0.20 in/hr
C	0.65
Q=CiA	1.02 CFS

Swale geometry

Trapezoidal section 1' flat bottom with 3:1 side slopes

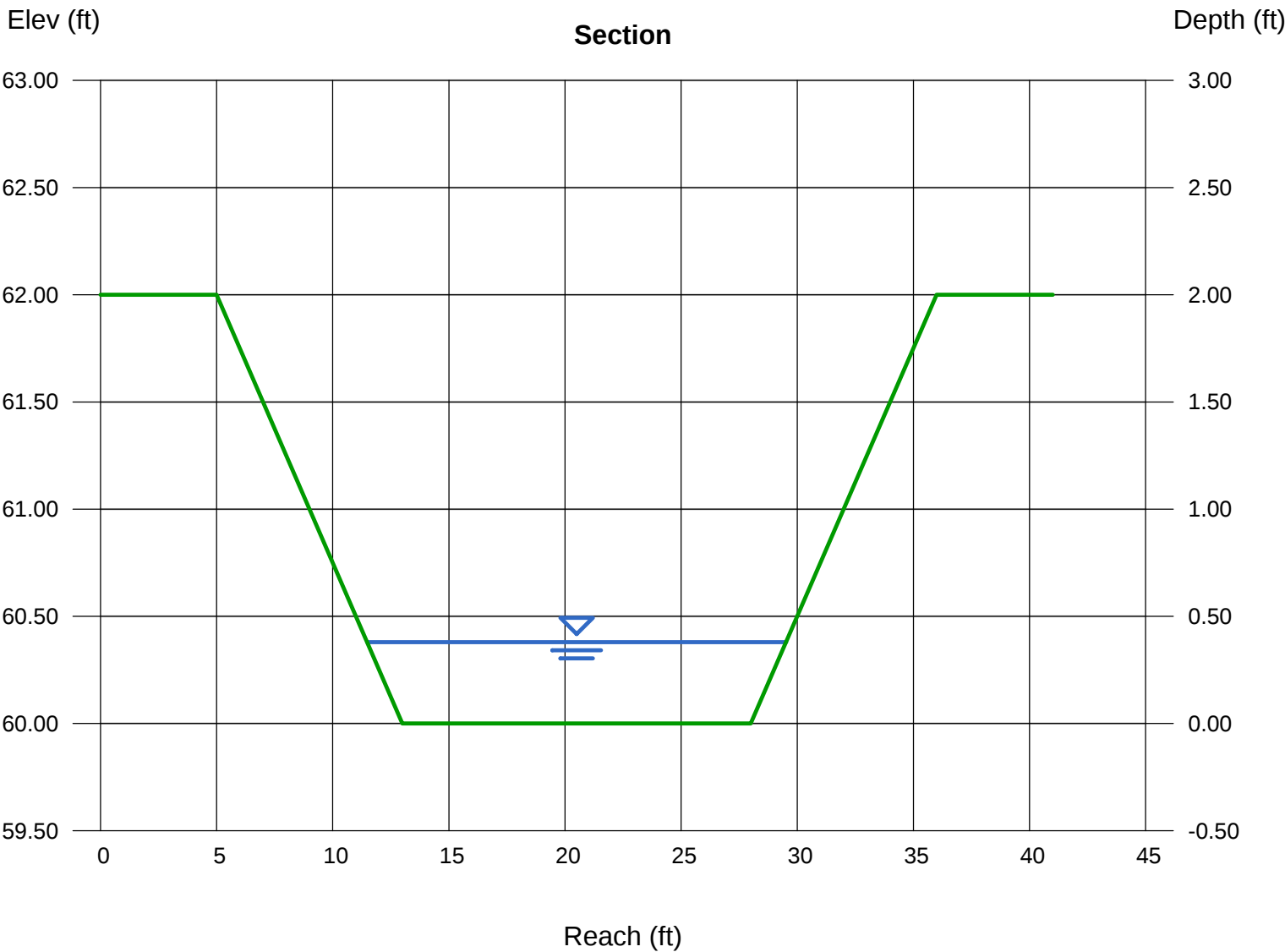
Slope	0.002
Velocity	0.27 ft/sec
Swale length	310 ft

Residence time	19.1 min
-----------------------	-----------------

Channel Report

Southern Swale

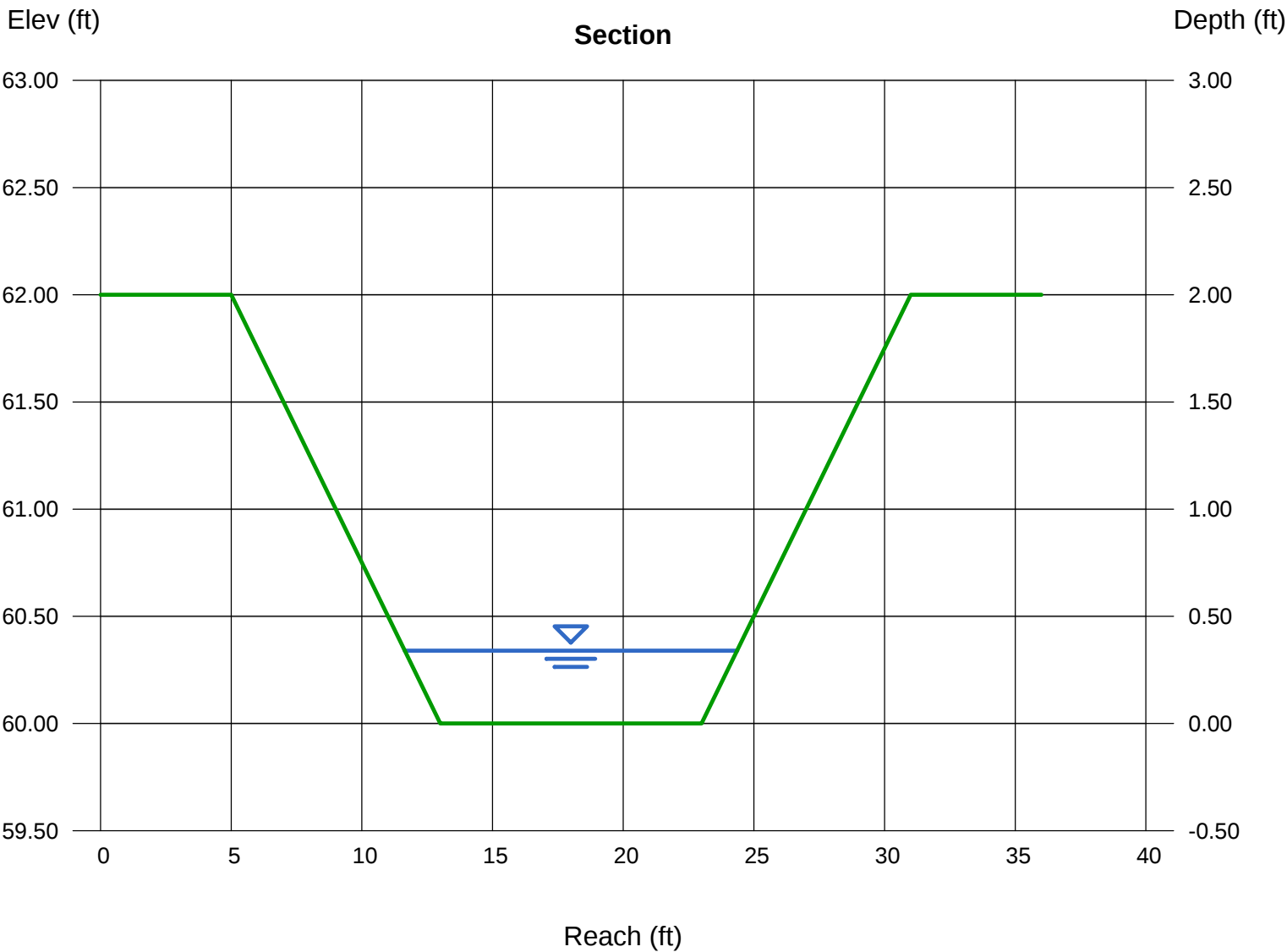
Trapezoidal		Highlighted	
Bottom Width (ft)	= 15.00	Depth (ft)	= 0.38
Side Slopes (z:1)	= 4.00, 4.00	Q (cfs)	= 1.750
Total Depth (ft)	= 2.00	Area (sqft)	= 6.28
Invert Elev (ft)	= 60.00	Velocity (ft/s)	= 0.28
Slope (%)	= 0.35	Wetted Perim (ft)	= 18.13
N-Value	= 0.150	Crit Depth, Yc (ft)	= 0.08
Calculations		Top Width (ft)	= 18.04
Compute by:	Known Q	EGL (ft)	= 0.38
Known Q (cfs)	= 1.75		

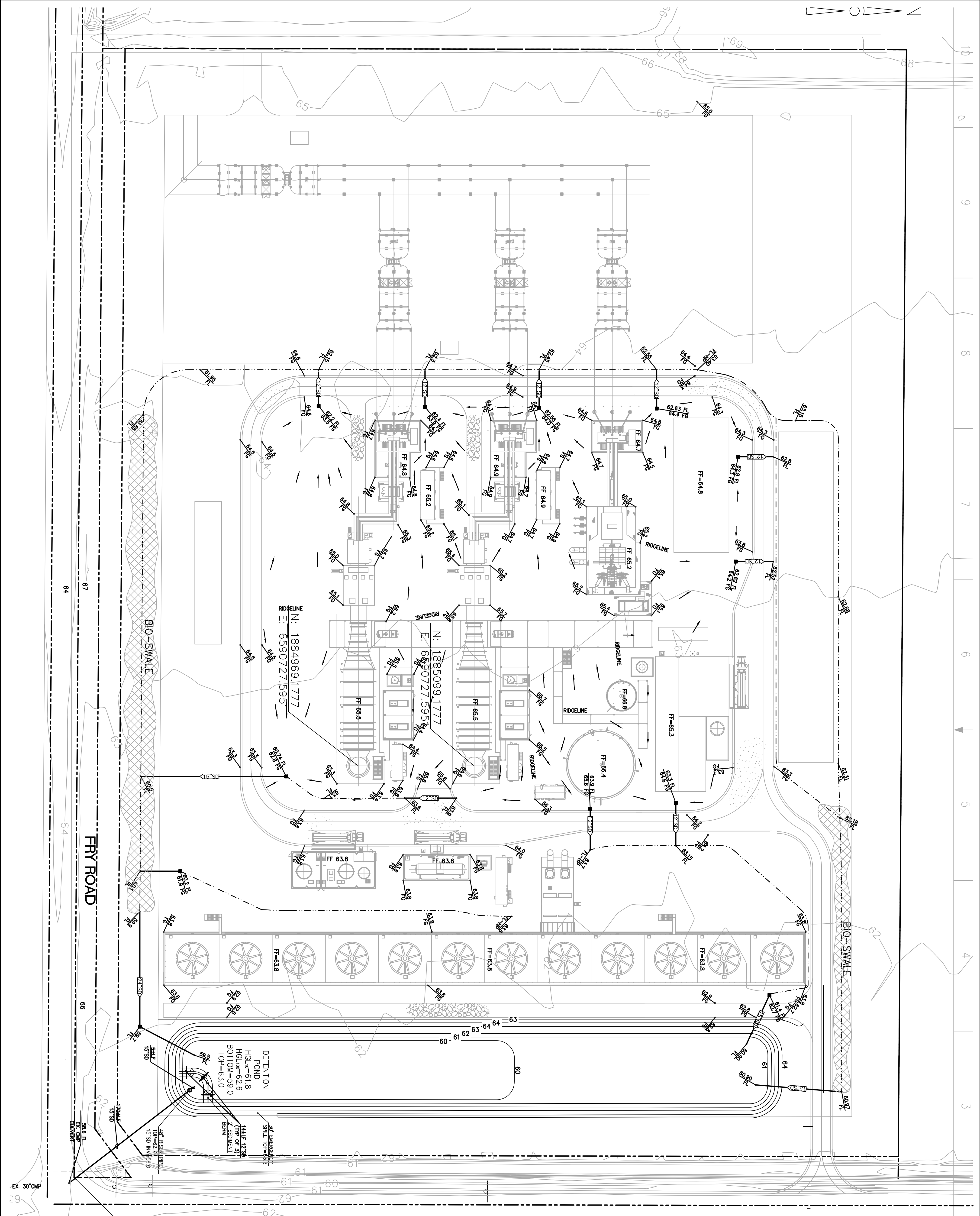


Channel Report

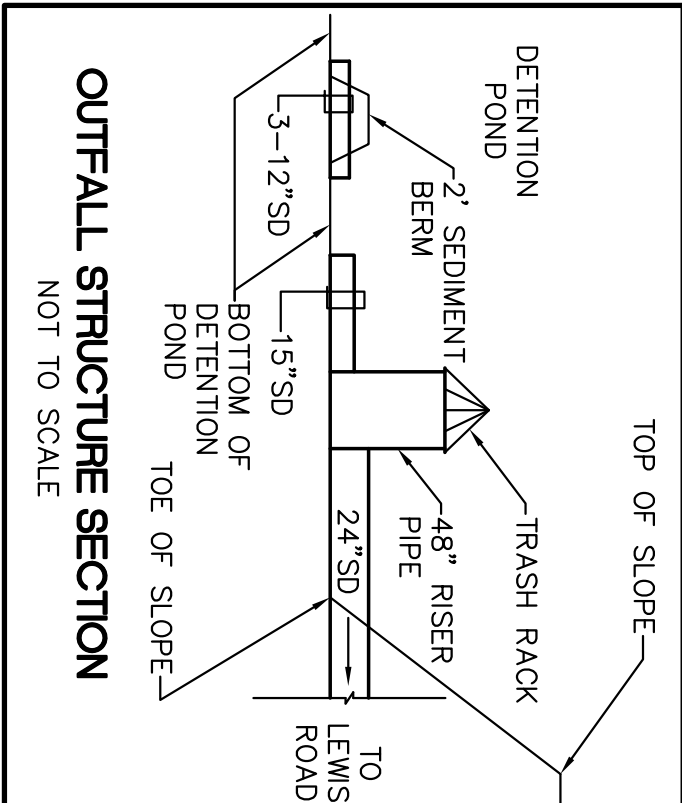
Northern Swale

Trapezoidal		Highlighted	
Bottom Width (ft)	= 10.00	Depth (ft)	= 0.34
Side Slopes (z:1)	= 4.00, 4.00	Q (cfs)	= 1.050
Total Depth (ft)	= 2.00	Area (sqft)	= 3.86
Invert Elev (ft)	= 60.00	Velocity (ft/s)	= 0.27
Slope (%)	= 0.40	Wetted Perim (ft)	= 12.80
N-Value	= 0.150	Crit Depth, Yc (ft)	= 0.07
Calculations		Top Width (ft)	= 12.72
Compute by: Known Q		EGL (ft)	= 0.34
Known Q (cfs) = 1.05			





N: 1884650.1797
E: 6591189.3531



REVISIONS:		DESCRIPTION	DATE
NO.			
1			
2			
3			
4			
5			
6			
7			
8			
9			
10			

ISSUE DATE:	SHEET NO.:
07/06/09	27120
PROJECT NO.:	OF

PROJECT NAME/LOCATION:
COMPETITIVE POWER VENTURES
VACAVILLE CALIFORNIA

DRAWING TITLE:
GRADING AND DRAINAGE PLAN



PHILLIPPI ENGINEERING
CIVIL ENGINEERING - LAND SURVEYING
425 MERCHANT STREET VACAVILLE, CA 95588
P.O. BOX 8556 VACAVILLE, CA 95588
OFFICE (707) 451-6556 FAX (707) 451-6555

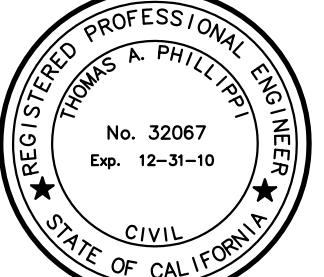
DESIGNED BY: VAB
DRAFTED BY: VAB
CHECKED BY: AFH, II

PRELIMINARY

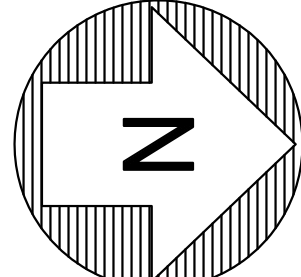
APPROVED BY: _____

CITY ENGINEER _____ CE NO.: _____

DATE OF APPROVAL _____



SCALE: 1"=50'



Appendix C
Wetland Delineation Determination Form

DATA FORM
ROUTINE WETLAND DETERMINATION
(1987 COE Wetlands Delineation Manual)

Project/Site: <u>UNIONVILLE EMBROIDERY CENTER</u> Applicant/Owner: _____ Investigator: <u>MICHAEL C. BARRY</u>	Date: <u>7/10/2008</u> County: <u>SAN ANTONIO</u> State: <u>CALIFORNIA</u>
Do Normal Circumstances exist on the site? Yes ☐ No ☒ Is the site significantly disturbed (Atypical Situation)? Yes ☒ No ☐ Is the area a potential Problem Area? Yes ☐ No ☒ (If needed, explain on reverse.)	Community ID: _____ Transect ID: _____ Plot ID: _____

VEGETATION

Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator
1. <u>XANTHIUM STRumarium</u>	<u>H</u>	<u>FAC+</u>	9. _____	_____	_____
2. <u>BRASSICA</u>	<u>H</u>	<u>NL</u>	10. _____	_____	_____
3. _____	_____	_____	11. _____	_____	_____
4. _____	_____	_____	12. _____	_____	_____
5. _____	_____	_____	13. _____	_____	_____
6. _____	_____	_____	14. _____	_____	_____
7. _____	_____	_____	15. _____	_____	_____
8. _____	_____	_____	16. _____	_____	_____

Percent of Dominant Species that are OBL, FACW or FAC (excluding FAC-): 50%

Remarks: SITE WAS RECENTLY DISKED, COVER IS 98% JUNK GROUND, WITH 1% XANTHIUM AND BRASSICA

HYDROLOGY

☒ Recorded Data (Describe in Remarks): _____ Stream, Lake, or Tide Gauge ☒ Aerial Photographs _____ Other _____ No Recorded Data Available Field Observations: Depth of Surface Water: _____ (in.) Depth to Free Water in Pit: _____ (in.) Depth to Saturated Soil: _____ (in.) <u>NO WATER</u> <u>TO 16"</u>	Wetland Hydrology Indicators: Primary Indicators: ☐ Inundated ☐ Saturated in Upper 12 Inches ☐ Water Marks ☐ Drift Lines ☐ Sediment Deposits ☐ Drainage Patterns in Wetlands Secondary Indicators (2 or more required): ☐ Oxidized Root Channels in Upper 12 Inches ☐ Water-Stained Leaves ☐ Local Soil Survey Data ☐ FAC-Neutral Test ☐ Other (Explain in Remarks)
Remarks: <u>Imagery from 1998 does not indicate ponding; however current images and site observations (BEAMS) indicate SEASONAL OR PERMANENT CONTAMINATION OF LANDWATER. WAS CREATED BY EASTERLY WASTEWATER TREATMENT PLANT TO DAY SLUDGE MATERIAL PAID TO REMOVAL OFFSITE.</u>	

SOILS

Map Unit Name: <u>Yolo Loam (Yr)</u>		WELL DRAINED	
Taxonomy (Subgroup): <u>SAN VICENT SANDY LOAM (SeA)</u>		Drainage Class: <u>MODERATELY WELL DRAINED</u>	
Field Observations		Confirm Mapped Type? Yes No	

Depth (inches)	Horizon	Matrix Color (Munsell Moist)	Mottle Colors (Munsell Moist)	Mottle Abundance/Size/Contrast	Texture, Concretions, Structure, etc.
1/2		10 YR 4/2	— (none)	—	VERY FINE CLAY

Hydric Soil Indicators:

☐ Histosol ☐ Histic Epipedon ☐ Sulfidic Odor ☐ Aquic Moisture Regime ☐ Reducing Conditions ☐ Gleyed or Low-Chroma Colors	☐ Concretions ☐ High Organic Content in Surface Layer in Sandy Soils ☐ Organic Streaking in Sandy Soils ☐ Listed on Local Hydric Soils List ☐ Listed on National Hydric Soils List ☐ Other (Explain in Remarks)
---	--

Remarks: NO STANDING, SLIGHTLY MOIST BELOW 8". UNDER 4-6" UNCONSOLIDATED DUE TO RECENT DISKING.

WETLAND DETERMINATION

Hydrophytic Vegetation Present? ☒ Yes ☐ No (Circle) Wetland Hydrology Present? ☒ Yes ☐ No Hydric Soils Present? ☒ Yes ☐ No	(Circle) Is this Sampling Point Within a Wetland? Yes ☒ No
---	--

Remarks: NWI DESIGNATES THIS AREA AS ARTIFICIALLY AND PERMANENTLY FLOODED PALUSTRINE WETLANDS; HOWEVER, NO ARTIFICIAL OR PERMANENT WATER SOURCE WAS OBSERVED. HYDRIC SOILS ARE NOT PRESENT BUT MAY DEVELOP OVER TIME.

Approved by HQUSACE 3/92



BEFORE THE ENERGY RESOURCES CONSERVATION AND DEVELOPMENT
COMMISSION OF THE STATE OF CALIFORNIA
1516 NINTH STREET, SACRAMENTO, CA 95814
1-800-822-6228 – WWW.ENERGY.CA.GOV

**APPLICATION FOR CERTIFICATION
FOR THE CPV VACA STATION
BY THE CPV VACAVILLE, L.L.C.**

Docket No. 08-AFC-11

**PROOF OF SERVICE
Revised (2/4/2010)**

APPLICANT

Andrew Welch - Vice President
Competitive Power Ventures, Inc.
8403 Colesville Road, Suite 915
Silver Spring, MD 20910
awelch@cpv.com

APPLICANT CONSULTANT

Douglas M. Davy - Program Manager
CH2MHill
2485 Natomas Park Drive, Suite 600
Sacramento, CA 95833
ddavy@ch2m.com

COUNSEL FOR APPLICANT

Michael J. Carroll
LATHAM & WATKINS LLP
650 Town Center Drive, 20th Floor
Costa Mesa, CA 92626-1925
michael.carroll@lw.com

INTERESTED AGENCIES

California ISO
e-recipient@caiso.com

INTERVENORS

J. Dennis McQuaid, Esq.
Yolanda C. Manzone, Esq.
Hanson Bridgett LLP
425 Market Street, 26th Floor
San Francisco, CA 94105
dmcquaid@hansonbridgett.com
ymanzone@hansonbridgett.com

ENERGY COMMISSION

JEFFREY D. BYRON
Commissioner and Presiding Member
jbyron@energy.state.ca.us

*ROBERT WEISENMILLER
Commissioner and Associate Member
rweisenm@energy.state.ca.us

Kourtney Vaccaro
Hearing Officer
KVaccaro@energy.state.ca.us

*Kristy Chew
Adviser to Commissioner Byron
kchew@energy.state.ca.us

Rod Jones
Project Manager
rjones@energy.state.ca.us

Deborah Dyer
Staff Counsel
ddyer@energy.state.ca.us

Public Adviser
publicadviser@energy.state.ca.us

DECLARATION OF SERVICE

I, Mary Finn, declare that on Wednesday, February 10, 2010, I served and filed copies of the attached Biological Assessment, Biological Assessment for Central Valley Steelhead, Preliminary Jurisdictional Waters Delineation Study, and 404 Permit Application, dated February 10, 2010. The original document, filed with the Docket Unit, is accompanied by a copy of the most recent Proof of Service list, located on the web page for this project at:

[<http://www.energy.ca.gov/sitingcases/vacastation/index.html>]. The document has been sent to both the other parties in this proceeding (as shown on the Proof of Service list) and to the Commission's Docket Unit, in the following manner:

(Check all that Apply)

For service to all other parties:

☐ sent electronically to all email addresses on the Proof of Service list;

☒ by personal delivery or by depositing in the United States mail at Sacramento, California, with first-class postage thereon fully prepaid and addressed as provided on the Proof of Service list above to those addresses **NOT** marked "email preferred."

AND

For filing with the Energy Commission:

☐ sending an original paper copy and one electronic copy, mailed and emailed respectively, to the address below (preferred method);

OR

☒ depositing in the mail an original and 12 paper copies, as follows:

CALIFORNIA ENERGY COMMISSION

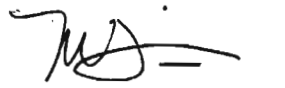
Attn: Docket No. 08-AFC-11

1516 Ninth Street, MS-4

Sacramento, CA 95814-5512

docket@energy.state.ca.us

I declare under penalty of perjury that the foregoing is true and correct.



Mary Finn