SIERRA CLUB
FOUNDED 1892

DOCKET
08-AFC-13
DATE OCT 14 2010
RECD. OCT 14 2010

October 14, 2010

California Energy Commission
Attn: Paul Kramer, Hearing Officer
1516 Ninth Street, MS-4
Sacramento, CA 95814-5512

Re: **Calico Solar Project, Docket No. 08-AFC- 13**

Dear Mr. Kramer,

Please find enclosed for filing Sierra Club's Exhibits #1021 - #1023, which were electronically filed with the Commission on September 19, 2010. If you have any questions or need additional information, please contact me at (415) 977-5766 or violet.lehrer@sierraclub.org. Thank you for your attention to this matter.

Sincerely,

Violet Lehrer
Program Assistant
Sierra Club Environmental Law Program
85 Second Street, 2nd Floor
San Francisco, CA 94105

Sierra Club Exhibit # 1021

United States Department of the Interior

BUREAU OF LAND MANAGEMENT
Needles Field Office
1303 South U.S. Highway 95
Needles, CA 92363
www.ca.blm.gov/needles

April 8, 2008

In Reply Refer To:
2800
CACA-48668/2800
(CA-690.01)

DOCKET
07-AFC-5
DATE 04/08/09
RECD. 05/07/09

Todd Stewart, Project Manager
BrightSource Energy
1999 Harrison Street, Suite 500
Oakland, CA 94612

Dear Mr. Stewart:

Enclosed are agency comments on your revised stormwater design plans posted to your internet site, March 23, 2009. These plans were reviewed at the meeting in Primm on March 25, 2009, where we provided initial feedback.

I want to stress that these written comments are preliminary and focus on the "big picture" elements of your design and design assumptions, and should not be taken as BLM's final review of the civil design for the project. The California Energy Commission (CEC) has also reviewed these comments and assisted in their preparation.

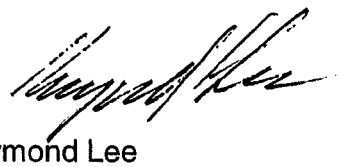
A large volume of written workplans, reports, and verbal information has been provided to BLM and CEC over the past two months related to stormwater management and project design. BrightSource has made a significant change from the previous concept of large scale active stormwater management to one of stormwater proofing of features along with a Low Impact Development proposal. We still find many inconsistencies in the written and verbal information that has been presented making it difficult to provide detailed comments on many items.

The attached comments begin with general comments relating to your Low Impact Development Scenario and the Methodology for pre- and post-development flow calculations. The last section is specific to the assumptions you used for post-development flow calculations. These comments supplant our previously provided written comments on your original scope of work documents and infiltration memo. We would find it very useful for you to prepare a response to comments document to demonstrate how each of the BLM comments are being addressed in your plans.

If you have questions, please contact Tom Hurshman and he can facilitate setting up discussions with the appropriate individuals from BLM. I suspect once you have had a

chance to review the comments, a conference call to go through each item will be beneficial.

Sincerely,



Raymond Lee
Field Manager

cc: John Kessler, CEC

Comments/Observations on Ivanpah SEGS
Stormwater Management Approach and Technical Memos
April 8, 2009

Introduction

A large volume of written workplans, reports, copies of existing literature, and verbal information has been provided to the Bureau of Land Management (BLM) in support of the current facility layout, construction, and stormwater management system design for the Ivanpah Solar Electric Generating Systems (Ivanpah SEGS) right-of-way (ROW) application. These items include:

- Workplans for Hydrogeology (Attachment A) and Hydraulics (Attachment B) analysis;
- the Infiltration Memo dated February 15, 2009;
- five Technical Memos (TM1-5) dated March 6 (one of these, TM3, was a revision of the Infiltration Memo based on BLM comments);
- three additional Technical Memos (TM6-8) dated March 23 (one of these, TM7, provided additional details on the Infiltration Memo);
- the Revised Project Description dated March 23;
- the current facility design drawings dated March 23; and
- verbal information provided during a meeting on March 25.

At this time, BLM has provided written comments only on the workplans and the initial February 15 Infiltration Memo. While revised documents have been submitted, BrightSource has not developed a Response-to-Comment document that clearly indicates what the action or resolution has been in response to each of BLM's comments. Therefore, it is difficult, at this time, to understand which comments have been accepted and resulted in changes, versus which comments have not yet been resolved. It is critical for both parties that we document resolution of written comments.

During the March 25 meeting, BrightSource requested that BLM forward any comments on the other documents as early as possible. Also at that meeting, BLM verbally presented several general comments on the entire process, and some of the assumptions that were being used. The comments presented below represent those "big-picture" comments. Detailed comments on each item will also be provided once BLM completes the technical review of the documents.

Proposed Low Impact Development Scenario

1) Information Needed to Assess Appropriateness of Low Impact Development Scenario

In general BLM agrees that a Low Impact Development design is preferable to an active stormwater management system, if it can be demonstrated that the proposed development is designed to withstand erosional forces which could impact the feasibility of site operations; result in transportation of damaged materials (heliostats and their components) outside of the site boundary; and/or result in modification of stormwater erosion and deposition characteristics outside of the site boundary.

Based on verbal information provided during the March 25 meeting, the current stormwater flow calculations have been used to modify the proposed depth of installation of heliostat supports from four feet to five feet. In order to be sufficient to avoid the impacts mentioned above, this depth must account for three factors:

- Depth sufficient to support the weight of the heliostat, including accounting for wind pressure;
- Depth sufficient to account for depth of scour associated with each support; and
- Depth sufficient to account for natural erosion associated with lateral migration of channels.

BLM has two primary comments associated with these factors. First, each is a function of the calculated stormwater flow depth and velocity, so agreement on these calculations is required before the sufficiency of the heliostat stability can be demonstrated. Specific comments on the velocity and depth calculations are provided in Comments 2 through 9 below.

The second concern is that the proposed depth of five feet appears to address the first two items, but not the third (lateral migration of channels). There are some channels present which are more than five feet deep, and there are many more that are one to two feet deep. It is not clear whether the proposed five foot depth would be sufficient should a natural erosion event result in lateral migration of a one to two-foot deep channel.

Before the Low Impact Development proposal can be accepted, these two items must be addressed. Agreement must be reached on the stormwater flow calculations, and the design of the heliostat supports to account for channel migration must be demonstrated.

General Methodology for Both Pre- and Post-Development Flow Calculations

2) Antecedent Moisture Condition used for both pre- and post-development calculations.

TM2 and TM6 present the 100-year design storm runoff calculations for the pre-development and post-development scenarios, respectively. The Curve Numbers used for both calculations are based on the Antecedent Moisture Condition (AMC) II. In the San Bernardino Manual (Section C.5), the Curve Number obtained from the soil maps is to be adjusted based on the precipitation scenario being evaluated. The text states that "For 100-year storm analysis, AMC III shall be used."

This would require an adjustment of the Curve Number obtained from the soil type maps using the Curve Number Relationships in Table C.1 of the San Bernardino Manual. Using this Table, the corresponding Curve Numbers to be used for soil type A would be adjusted from 63 to 82, and the Curve Numbers to be used for soil type B would be adjusted from 77 to 92. The Curve Numbers for the mountain sub-basins would increase from their current values of 81 to 88 to correspondingly higher values between 94 and 98.

While BLM has approved the use of portions of the Clark County Manual related to the randomness of channel switching on alluvial fans, the San Bernardino Manual is to be complied with in all other respects. Please modify the calculations accordingly.

3) Depth-Area Reduction Factor (DARF) used for both pre- and post-development calculations.

In TM2, a rainfall Depth Area Reduction Factor (DARF) of 0.89 was applied to all 15 watersheds, based on the total 21.7 square mile area of the combined watersheds. The TM cites that this "was determined using NOAA Technical Memorandum NWS Hydro 40 as required by Clark County." Actually, Clark County requires use of the 6-hour USACE, Los Angeles District (1988) depth-area reduction factors for all rainfall analysis in the Clark County area. The values to be used for this analysis should be those from Table 502 of the Clark County Manual.

Also, the manner of determining the DARF by using the combined areas of the separate watersheds is not an accurate method for determining the HEC-1 flow output at each sub-basin concentration point. Instead, the area of the each individual sub-basin should be used for each individual sub-basin calculation. For example, the DARF that should be applied to watershed M1 is about 0.97, not 0.89.

Specific Assumptions for Post-Development Flow Calculations

4) Proposed use of ad-hoc infiltration calculations to replace the San Bernardino County Manual method.

The purpose for these calculations, as stated in the original workplan, is for the results to be "incorporated into a model of soil-water flow to assess the significance of roadways, heliostats, and soil binders on the effective infiltration over the ISEGS site". In written comments on the initial Infiltration Memo provided by BLM on February 20, (Comment #2), BLM requested clarification of the intended use of the infiltration calculations. The additional information provided in TM3 and TM7 still do not specifically present how the infiltration calculation results would be used within the proposed stormwater management system design. However, the intention became clear during the March 25 meeting – the intention appears to be for these calculations to replace the procedures required by the San Bernardino County Manual to calculate the increase in runoff due to site development.

Again, the only deficiency in the San Bernardino County Manual that has been discussed with BLM is the lack of an alluvial fan methodology to account for random channel switching. There has been no discussion of deficiencies in its manner of addressing Curve Number adjustments for the post-development condition.

Based on these observations, BLM suggests the following resolution:

- BrightSource should perform the calculations of the pre- and post-development runoff condition using the procedures in the San Bernardino County Manual. BLM staff are available to jointly discuss and come to agreement on specific assumptions, including the proper Antecedent Moisture Condition (AMC) to use, appropriate Curve Numbers for the post-development condition, the precipitation

model to use, and the effect of the presence of mirrors on the precipitation model. For assumptions and parameters for which there is uncertainty, BLM will require that conservative assumptions be used to ensure any potential impacts are identifiable.

- If the methodology presented in the San Bernardino County Manual is technically inaccurate for the situation at Ivanpah SEGS, then BrightSource should present a memo that provides detailed information regarding the deficiency, and a recommended solution. This memo should also reference supporting information from the manual regarding the use of alternative methods, if such information exists.

- Because we expect the calculation to be performed using the San Bernardino County Manual method, we do not have detailed comments on the infiltration calculations at this time. Some observations are provided in Comment #5 below, but these should be considered preliminary and incomplete.

5) Difference in Pre- and Post-Development Infiltration Rates

If use of site-specific measurements is ultimately approved, then there are still questions regarding the applicability of the current infiltrometer sample results. Numerous issues exist regarding the current sample results:

- BLM requested data regarding these samples in Comment #5 of our comments dated February 20, and only some of the information was provided. BLM requested photographs, field descriptions of the locations and soil types, and raw field data that was used to calculate the steady rates presented on Page 3 of TM3. The information provided for the March 25 meeting included photographs, but no field descriptions or field data.

- The issue is not whether seven samples are enough, since these samples are trying to characterize two different conditions. There are only four samples to represent one condition (pre-development) and three to represent another condition (post-development).

- The pictures show that one of the post-development samples is in a disturbed area near a water pumping system – this site may have had excavation and backfill, instead of just traffic. This may reduce the number of usable post-development samples to two.

- One of the pre-development samples is not located within the site boundaries.

- Of the three locations where both a natural and a compacted measurement were made, two of them show an expected result – the infiltration rate in the natural location is higher than that of the compacted location. However, Site 1 results show that the infiltration rate at the compacted location (9.06 ft/day) is substantially higher than the corresponding natural location (1.62 ft/day).

- The range of results from the four pre-development samples shows substantial variation across the site. The results range from 1.62 to 24.61 ft/day. This is a very

wide variation that may not characterize the site through calculation of a mean based on four samples.

- The transcription of some numbers from the steady-state field results to their use in the infiltration model appears to be incorrect. From TM3, the steady-state infiltration rates for Location 1 (Natural), Location 3 (Natural), and Location 4 (Natural) are reported differently in the table on Page 6 versus their corresponding field results shown in Figures 2.4A, 2.4D, and 2.4F. Using Location 3 (Natural) as an example, the steady-state infiltration rate reported on Figure 2.4F is read off of the graph to be about 17.5 inches/hr. This translates to 35 ft/day. However, the value reported on the Table on Page 6 of TM3 is 24.61 ft/day. Overall, 4 of the steady-state infiltration rates reported in the table on Page 6 match the results reported in their corresponding figures, while results for 3 of the samples do not match. The use of the incorrect values in the table results in underestimating the difference in pre- and post-development infiltration rates, and thus underestimating the hydrologic impact of the development.

These observations indicate that the current limited sample results cannot be accepted as representative of the very large areas being characterized. As discussed in Comment #4, BLM expects this calculation to be performed in the manner of the San Bernardino County Manual. Should the need to use site-specific sample results to replace the Manual method be agreed upon by the agencies, then a revised sampling program will need to be implemented.

6) Infiltration rate determination on the access roads.

TM6 discusses the use of the 10% increase in Curve Number for the site access roads, based on the results of TM4. The 10% increase was an area-weighted average derived in TM4 based on a combination of two effects – the infiltrometer results that indicated an 80% reduction in conductivity on the service paths, and the percentage of the overall site which would be covered by service paths.

TM6 uses this 10% increase in Curve Number directly for the access roads, then applies the value for a 12-foot wide access road to an entire 200-by-200 foot cell, and then claims that this application is conservative. Since the 10% increase was an area-weighted value in the first place, applying it over a larger area does not, in itself, make its use conservative. In fact, we do not know whether it is a conservative calculation or not, since we do not know the compacted/non-compacted ratio in each individual cell. The calculation may be conservative in some cells, and not conservative in others. To be conservative in the manner implied in TM6, the calculation should use the 80% infiltration reduction over the entire 200-by-200 foot cell.

7) Infiltration rate on the intra-field heliostat areas

The current stormwater flow calculations assume that the only areas in which compaction would result in modified infiltration rates are the power block, administrative areas, access roads, and service pathways between heliostats rows. BLM is currently reviewing TM6, and expects to have comments on the specific assumptions regarding the Curve Number and configurations of these features.

This particular comment concerns the treatment of the other areas of the site – the areas between and amid the heliostats which are not included within the power block, administrative areas, access roads, and service pathways. Construction efforts in these areas will include: driving vehicles to deliver personnel and materials; use of equipment to cut vegetation and install heliostat supports; removal or rocks and undefined "light-grading" in some areas; and equipment and foot-traffic to install heliostat wiring conduits. The current calculations assume that these activities will have no long-term impact on drainages, vegetation, and infiltration rates in those areas. It also assumes that the current proposal to perform all of this construction without more aggressive grading and road maintenance is feasible.

The assumption that these activities will have no long-term effect on drainages, vegetation, and soil infiltration rates is not supported by information currently provided in the Supplemental Project Description. Some necessary information is not provided, such as the wheelbases of the vehicles and equipment, the pressure exerted by the tires, the locations of trips, and the numbers of trips. Other information is provided but is not believable – for instance, the proposal to cut vegetation to provide clearance for equipment, and then to shade the vegetation with heliostats, does not support an assumption that long-term vegetation effects on runoff will be negligible.

Currently, these calculations are entirely based on best-case assumptions that are not supported by any provided data. In addition, many of the assumptions, such as the assumption that construction vehicle traffic will not compact soils or affect drainages, are counter-intuitive. Should these assumptions prove incorrect, the entire Low Impact Development scenario may be unworkable. These calculations should be re-done using more conservative assumptions to determine whether the Low Impact Development scenario is still a feasible option.

8) Definition of the area of the "service paths"

The calculation of a 10% increase in Curve Number in TM4 is based on an assumption that the service paths are 8 feet wide. The Caterpillar 550 Wheel Harvester shown in the Supplemental Project Description appears to have a wheelbase much wider than 8 feet. The wheelbase of this item should be defined, and the service path width adjusted accordingly. Also, the TM4 calculation assumed service paths between every two heliostat rows, while verbal information during the March 25 meeting suggested it will occur on every 4th heliostat row. These two observations may cancel each other out, but the actual assumptions should be specified.

9) Effect of long-term vegetation changes on the roughness value

The most recent Supplemental Project Description (dated March 25) states that existing vegetation will be used, to the extent possible, to minimize water and wind erosion. The Flo-2D model presented in TM6 does not specifically state what assumptions were used for evaluating the effect of vegetation on roughness, but from the information in the Supplemental Project Description and verbal discussions, BLM infers that the calculations are performed based on an assumption that vegetation remains in place through the lifespan of the project.

BLM has provided verbal comments for some time regarding assumptions of the status of vegetation over the long-term operation of the facility. We have suggested that BrightSource's hydrogeologic and hydraulic calculations should not be based on the current state of vegetation, nor on the expected state of vegetation shortly after construction. Instead, we have stressed that the flow calculations need to be based on the expected worst-case vegetation conditions that will occur during the lifetime of the facility.

What that worst-case condition will be is difficult to define at present. During the March 25 meeting, BrightSource implied that they have implemented field studies to attempt to identify the impact of certain activities on the vegetation – specifically, the cutting of vegetation to create clearance for construction vehicles. BLM agrees that some mechanism of coming to an understanding of the long-term status of the vegetation needs to be identified. However, such a mechanism must consider all potential parameters that may influence vegetation. These may include, but not be limited to:

- Cutting/trimming to create clearance;
- Compaction of soil during construction;
- Shading by heliostats;
- Relocation of precipitation by presence of heliostats;
- Addition of water through heliostat washing;
- Modification of stormwater flow by presence of heliostat supports and maintenance roads;
- Use of dust suppressants; and
- Use of weed management practices.

Given the complexity of these parameters, and the lack of data on similar projects in this environment, BLM understands the difficulty in projecting what the overall effect will be. However, the current documentation appears to assume that the overall effect will be to maintain current conditions. This does not appear to be a supportable assumption. In general, most of the above factors can be assumed to negatively impact the native vegetation. The result may be replacement of the native vegetation with non-native species that are more adaptable to shade and other stressors, or it may result in denudation of certain areas.

It is recommended that worst-case scenario calculations be performed to determine the impact of large-scale vegetation denudation on stormwater flows, and resulting sedimentation, erosion, and heliostat stability calculations. We understand that BrightSource has implemented field studies on the vegetation impacts. BLM has no information on these studies, so cannot comment on their scope and purpose. If site-specific field studies are eventually approved to obtain data, they must incorporate all potential stress factors, not just cutting and trimming. Also, any vegetation studies must have their methodologies reviewed and approved by BLM prior to being implemented.

10) Precipitation Model

The current calculation is based on a 100-year, 24-hour precipitation model. The San Bernardino County Manual requires the use of a 24-hour model for the runoff calculation, but a multi-day storm for calculations associated with the design of detention basins. Because no detention basins are proposed at this time, no multi-day analysis is required.

However, should detention basins become a component of the design, the multi-day analysis will be required.

Sierra Club Exhibit # 1022

URS Corp.
Calico Solar 2010 Desert Tortoise Protocol Transect Surveys

Date: 3-30-10 **Cell Number:** ~~8-18~~ K 18 **Observers:** Rick Bailey, Jerry, Wendy, Paul

GPS (✓) UMT WGS 84 ☑ **Track Log on** ☑

Start Time: ~~[illegible]~~ 0850 **Temp(F):** 60 **Cloud%:** 40 **Wind(mph):** 0-2

End Time: 1230 **Temp(F):** 86.5 **Cloud%:** 30 **Wind(mph):** 3-8

GPS Point #	UTM Easting			UTM Northing			Picture #
	DT Sex (M/F)	DT Length (Inches)	Burrow Category (1-5)	Burrow H x W (Inches)	Scat Category (1-5)	Carcass Category (1-5)	

Category Guide

Burrows and Dens
1. Currently active, with tortoise or recent tortoise sign
2. Good condition, definitely tortoise, no evidence of recent use
3. Deteriorated condition (please describe); definitely tortoise
4. Deteriorated condition; possibly tortoise (please describe)
5. Good condition; possibly tortoise (please describe)

Scats
1. Wet (not from rain or dew) or freshly dried; obvious odor
2. Dried with glaze; some odor. Dark brown
3. Dried; no glaze or odor; signs of bleaching (light brown), tightly packed material
4. Dried; light brown to pale yellow, loose material; scaly appearance
5. Bleached, or consisting only of plant fiber

Carcass Remains
1. Fresh or putrid
2. Normal color; scutes adhere to bone
3. Scutes peeling off bone
4. Shell bone is falling apart; growth rings on scutes are peeling
5. Disarticulated and scattered

Enter notes below, link with corresponding GPS Point

Download required (✓ when complete)

☐ **GPS pts and track log** ☐ **photos**

DT93

URS Corporation

LIVE TORTOISE ENCOUNTER FORM

BIOLOGIST: JP Charpentier DATE: 4/14/10 TIME: 1350

TEMP (deg. F): 74 CLOUD COVER %: 0% WIND (mph): 4-7 mph

PROJECT NAME: Calico CONTRACTOR: URS Corp

CITY: _____ COUNTY: _____ STATE: _____

USGS quadrangle: _____ Township: _____ Range: _____

Location Description where found: % Slope: 3 Aspect: South

Topography	Soil Type	Vegetation	Location Found
X Flat	X Sandy Loam	X Creosote Bush	___ In Burrow
___ Small Hills	___ Blow Sand	___ Saltbush Scrub	___ Pallet Burrow
___ Large Hills	___ Gravel	___ Blackbrush	X Under Shrub
___ Small Wash	___ Cobble	___ Desert Wash	___ In Open
___ Big Wash	___ Caliche	___ Joshua Tree	___ Caliche Cave/Den
___ Bajada	___ Rocky	___ Thorn Scrub	___ Rock Shelter
___ Dune	___ Pavement	___ Grassland	___ Other _____

Describe: Mohave creosote scrub

Found at GPS (UMT WGS 84): 0553281 3853535

Elevation: 2163

Activity (inside shelter, at shelter entrance, basking, combat, courting, drinking, foraging, walking):
under shrub

Scat found? ___ Yes X No Scat Class: ____
Scat location: ___ In burrow ___ In open ___ Under veg. (type: _____)

Tortoise in burrow – Project DTB# 153 width _____ height _____ length _____ aspect _____

Burrow description/contents/condition:	
not in burrow	

Describe any indicators of poor health (shell damage, discharge from nose or eyes, injuries to limbs, etc):

no indicators of poor health	

Estimated MCL length: 6 1/2 Sex: ? Photos of: __ carapace __ frontal __ previously labeled scute

Sierra Club Exhibit # 1023

Calico Solar
Tortoise Burrow Data
April, 2010

OBJECTID	DATE COLLECTED	SURVEY AREA	TEAM LEADER	OTHER OBSERVERS	CELL NUMBER	GPS POINT	EASTING	NORTHING	TORTOISE #	TORTOISE SEX	TORTOISE SIZE (IN)	TORTOISE SIZE (mm)	TORTOISE HEALTH	BURROW CATEGORY (1-5)	BURROW HXW (INCHES)	SCAT CATEGORY (1-5)	CARCASS CATEGORY (1-5)	PICTURE #	Other Species	Time Start/End	Temp Start/End (F)	Cloud Cover Start/End (%)	Wind Start/End (mph)	NOTES
739	4/15/2010	Site	RD	RC, MBr, JBr, JMc	A12	47	552592	3854928						3	11x14	1	2	135		0915-1147	65/70	0/10	5/10-15	Scat new. Carcass #2 category wpt 051, photo 138 at edge of B-12 square.
740	4/15/2010	Site	RD	RC, MBr, JBr, JMc	A12	48	552784	3854976	DT10 1	M	11.0							136		0915-1147	65/70	0/10	5/10-15	Tortoise resting; old male
741	4/15/2010	Site	RD	RC, MBr, JBr, JMc	A12	49	552823	3854960						1	5.5x11			137		0915-1147	65/70	0/10	5/10-15	
742	4/15/2010	Site	RD	RC, MBr, JBr, JMc	A12	50	552881	3854931						1	7x12			138		0915-1147	65/70	0/10	5/10-15	
743	4/15/2010	Site	RD	RC, MBr, JBr, JMc	A12	51	552960	3854609																
744	4/15/2010	Site	RD	RC, MBr, JBr, JMc	A12	52	552967	3854678						2	6x12			140		0915-1147	65/70	0/10	5/10-15	
745	4/15/2010	Site	RD	RC, MBr, JBr, JMc	A12	53	553021	3854820						2	5x9.5			141		0915-1147	65/70	0/10	5/10-15	
746	4/15/2010	Site	RD	RC, MBr, JBr, JMc	A12	54	553025	3854725									5	142		0915-1147	65/70	0/10	5/10-15	
747	4/15/2010	Site	RD	RC, MBr, JBr, JMc	A12	55	553027	3854631		F	165.0							143		0915-1147	65/70	0/10	5/10-15	
748	4/15/2010	Site	RD	RC, MBr, JBr, JMc	A12	56	553029	3854628						1	4x8			144		0915-1147	65/70	0/10	5/10-15	
749	4/8/2010	*Site*	RB	MB, JB, NJ, HB	A13	*095*	557015	3854728								4		2262		0857-1107			0-5/0-5	
749	4/15/2010	Site	RD	RC, MBr, JBr, JMc	A13	46	553113	3854742	DT78	F	7.0							none		1230-1415	75/75	15-20/50	10-15/10-15	Saw tortoise as approached A-12, no wpt no photo. Did not relocate at this location.
750	4/15/2010	Site	RD	RC, MBr, JBr, JMc	A13	57	553118	3854671						2	4.5x9			147		1230-1415	75/75	15-20/50	10-15/10-15	
751	4/15/2010	Site	RD	RC, MBr, JBr, JMc	A13	58	553216	3854907						2	6x15			148		1230-1415	75/75	15-20/50	10-15/10-15	Caliche cave burrow.
752	4/15/2010	Site	RD	RC, MBr, JBr, JMc	A13	59	553216	3854804						2	4.5x9			150		1230-1415	75/75	15-20/50	10-15/10-15	
753	4/15/2010	Site	RD	RC, MBr, JBr, JMc	A13	60	553243	3854623						1	3.75x9			151-152		1230-1415	75/75	15-20/50	10-15/10-15	
754	4/15/2010	Site	RD	RC, MBr, JBr, JMc	A13	61	553241	3854659	DT10 3	F	7.5							153-154		1230-1415	75/75	15-20/50	10-15/10-15	male facing into burrow entrance
755	4/15/2010	Site	RD	RC, MBr, JBr, JMc	A13	62	553314	3854711	DT10 4	unknown	7.0			1	4.5x8			155		1230-1415	75/75	15-20/50	10-15/10-15	Tortoise in burrow.
756	4/15/2010	Site	RD	RC, MBr, JBr, JMc	A13	63	553318	3854683						2	5x10			156		1230-1415	75/75	15-20/50	10-15/10-15	
757	4/15/2010	Site	RD	RC, MBr, JBr, JMc	A13	64	553314	3854653						1	4.5x8			157		1230-1415	75/75	15-20/50	10-15/10-15	
758	4/15/2010	Site	RD	RC, MBr, JBr, JMc	A13	65	553546	3854667		unknown								158		1230-1415	75/75	15-20/50	10-15/10-15	Tortoise in burrow, ~150m E of cell A13
655	4/13/2010	*Site*	SA	JM, AB, ES, DE	A18, B18	134	555668	3854486						3	7x12			4539		855-1509	64/76	0/0	5-7/3-5	Caliche DT cave.
656	4/13/2010	*Site*	SA	JM, AB, ES, DE	A18, B18	135	555655	3854453									5	4540		855-1509	64/76	0/0	5-7/3-5	
657	4/13/2010	*Site*	SA	JM, AB, ES, DE	A18, B18	136	555673	3854389			290.0						3	4541		855-1509	64/76	0/0	5-7/3-5	
658	4/13/2010	*Site*	SA	JM, AB, ES, DE	A18, B18	137	555622	3854228	DT81	F		210.0						4542-4546		855-1509	64/76	0/0	5-7/3-5	
659	4/13/2010	*Site*	SA	JM, AB, ES, DE	A18, B18	138	555597	3854839			220.0						3	do P.L		855-1509	64/76	0/0	5-7/3-5	
660	4/13/2010	*Site*	SA	JM, AB, ES, DE	A18, B18	139	555557	3854390			210.0						3	4556		855-1509	64/76	0/0	5-7/3-5	
661	4/13/2010	*Site*	SA	JM, AB, ES, DE	A18, B18	140	555568	3854253						2	5x11			4552		855-1509	64/76	0/0	5-7/3-5	Nice caliche cave.
662	4/13/2010	*Site*	SA	JM, AB, ES, DE	A18, B18	141	555503	3854166						2	6x12			4558		855-1509	64/76	0/0	5-7/3-5	Caliche cave.
663	4/13/2010	*Site*	SA	JM, AB, ES, DE	A18, B18	142	555476	3854294						3				4559		855-1509	64/76	0/0	5-7/3-5	3 Caliche caves, all close together, not used in awhile
664	4/13/2010	*Site*	SA	JM, AB, ES, DE	A18, B18	143	555480	3854296						3				4560		855-1509	64/76	0/0	5-7/3-5	3 Caliche caves, all close together, not used in awhile
665	4/13/2010	*Site*	SA	JM, AB, ES, DE	A18, B18	144	555475	3854295						3				4561		855-1509	64/76	0/0	5-7/3-5	3 Caliche caves, all close together, not used in awhile
666	4/13/2010	*Site*	RB	GB, PW, WB, TJ	A18, B18	37	555291	3854390									5	2202		1310-1400	70/70	0/0	5-8/5-8	
666	4/13/2010	*Site*	SA	JM, AB, ES, DE	A18, B18	145	555396	3854493						2	6x12			4562		855-1509	64/76	0/0	5-7/3-5	Caliche cave w/woodrat nest, dug out by DT.

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667	4/13/2010	*Site*	RB	GB, PW, WB, TJ	A18, B18	38	555277	3854468									5	2203		1310-1400	70/70	0/0	5-8/5-8	
667	4/13/2010	*Site*	SA	JM, AB, ES, DE	A18, B18	146	555402	3854659						2	8x16			4563		855-1509	64/76	0/0	5-7/3-5	Caliche cave w 2 scats (2-3).
668	4/13/2010	*Site*	RB	GB, PW, WB, TJ	A18, B18	39	555339	3854303									4	2204		1310-1400	70/70	0/0	5-8/5-8	
668	4/13/2010	*Site*	SA	JM, AB, ES, DE	A18, B18	147	555359	3854577						3	10x10			4564		855-1509	64/76	0/0	5-7/3-5	Huge Coliche cave, possible DT.
730	4/15/2010	Site	RB	WB, TJ, PW	A19, B19	41	555780	3854799						1			2	2206		0900-1330	62/75	5/10	3-5/5-12	Small adult-sized rock shelter with 8 scats inside.
731	4/15/2010	Site	RB	WB, TJ, PW	A19, B19	42	555865	3854357									4	2207		0900-1330	62/75	5/10	3-5/5-12	10" ♀ carcass level 4.
732	4/15/2010	Site	RB	WB, TJ, PW	A19, B19	43	555958	3854831										2208	x	0900-1330	62/75	5/10	3-5/5-12	Bighorn horn.
733	4/15/2010	Site	RB	WB, TJ, PW	A19, B19	44	556173	3854381	DT95	M	10.0							2209		0900-1330	62/75	5/10	3-5/5-12	10" male under Encelia Frutescens.
734	4/15/2010	Site	RB	WB, TJ, PW	A19, B19	45	556148	3854738									4	2210		0900-1330	62/75	5/10	3-5/5-12	Looks same as pt D12 from burrowing owl survey. Carcass 9".
735	4/15/2010	Site	RB	WB, TJ, PW	A19, B19	46	556153	3854911						2	5x10			2211		0900-1330	62/75	5/10	3-5/5-12	
773	4/14/2010	Site	JP	CK, JON, LB, CS	A20	97	556577	3854776						1	6x9			998		0858-1235	52/70	0/0	4-7/4-7	
774	4/14/2010	Site	JP	CK, JON, LB, CS	A20	98	556462	3854654											x	0858-1235	52/70	0/0	4-7/4-7	Bighorn sheep horn.
775	4/14/2010	Site	JP	CK, JON, LB, CS	A20	99	556292	3854933									5	1000		0858-1235	52/70	0/0	4-7/4-7	
776	4/14/2010	Site	JP	CK, JON, LB, CS	A20	100	555022	3853274		unknown										0858-1235	52/70	0/0	4-7/4-7	Juvenile tortoise outside survey area in D17.
777	4/8/2010	*Site*	MBr	JBr, NJ, HB	A21	*097*	0556903	3854584						2	4X11			2264		0857-1107			0-5/0-5	
778	4/8/2010	*Site*	RB	MB, JB, NJ, HB	A21	*096*	0557015	3854728						3			4	2263		0857-1107			0-5/0-5	Burrow has collapsed entrance, good condition in tunnel.
779	4/8/2010	*Site*	RB	MB, JB, NJ, HB	A21	*098*	0556827	3854769									5	2265		0857-1107			0-5/0-5	
780	4/8/2010	*Site*	RB	MB, JB, NJ, HB	A21	*099*	0556769	3854769									5	2266		0857-1107			0-5/0-5	
781	4/5/2010	*Site*	JP	LB, Aba, CK	A22-B22	*015*	557195	3854803	DT27	F	unknown			1	8x6			0903		0900	60	15	8-12	tortoise in burrow
782	4/5/2010	*Site*	JP	LB, Aba, CK	A22-B22	*002*	557490	3854610						1	11x17	4		0891		0900	60	15	8-12	
783	4/5/2010	*Site*	JP	LB, Aba, CK	A22-B22	*005*	557512	3854716						1	17x11	2		0893		0900	60	15	8-12	
784	4/5/2010	*Site*	JP	LB, Aba, CK	A22-B22	*007*	557452	3854899						1	18x8			0895		0900	60	15	8-12	
785	4/5/2010	*Site*	JP	LB, Aba, CK	A22-B22	*008*	557375	3854877						1	13x6			0896		0900	60	15	8-12	
786	4/5/2010	*Site*	JP	LB, Aba, CK	A22-B22	*009*	557389	3854692						1	18x9			0897		0900	60	15	8-12	
787	4/5/2010	*Site*	JP	LB, Aba, CK	A22-B22	*010*	557329	3854645						1	18x10			0898		0900	60	15	8-12	
788	4/5/2010	*Site*	JP	LB, Aba, CK	A22-B22	*012*	557352	3854787						1	17x7			0900		0900	60	15	8-12	
789	4/5/2010	*Site*	JP	LB, Aba, CK	A22-B22	*013*	557331	3854805						1	21x8			0901		0900	60	15	8-12	
790	4/5/2010	*Site*	JP	LB, Aba, CK	A22-B22	*006*	557498	3855008						3	3x8			0894		0900	60	15	8-12	
791	4/5/2010	*Site*	JP	LB, Aba, CK	A22-B22	*011*	557344	3854781						3	8x5			0899		0900	60	15	8-12	
792	4/5/2010	*Site*	JP	LB, Aba, CK	A22-B22	*001*	557560	3854468										0890		0900	60	15	8-12	DT remains, adult
793	4/5/2010	*Site*	JP	LB, Aba, CK	A22-B22	*003*	557221	3854519											x	0900	60	15	8-12	burrow owl burrow, active
794	4/5/2010	*Site*	JP	LB, Aba, CK	A22-B22	*004*	557136	3854254									4	0892		0900	60	15	8-12	
795	4/5/2010	*Site*	JP	LB, Aba, CK	A22-B22	*014*	557309	3854911									3	0902		0900	60	15	8-12	
796	4/5/2010	*Site*	RD	TS, DS, JMc, DP	A23	*004*	557594	3854825	DT25	F	8.0							49		1230	62/56	5/60	4-6/25	small female outside of burrow
797	4/5/2010	*Site*	RD	TS, DS, JMc, DP	A23	*003*	557597	3854827						1	4x8			46		1230	62/56	5/60	4-6/25	associated with DT25
798	4/5/2010	*Site*	RD	TS, DS, JMc, DP	A23	*001*	557722	3854624						3	6x8			39-41		930-1230	62/56	5/60	4-6/25	

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799	4/5/2010	*Site*	RD	TS, DS, JMc, DP	A23	*002*	557566	3854905						3	4x6			42-44 P. Wood		930-1230	62/56	5/60	4-6/25	
800	4/5/2010	*Site*	MBr	JBr, BN, PW	A24	37	558302	3854924									2	100-0630 P. Wood	x	0932-1137	56	15-60	5-10/20-30	bighorn sheep old decaying - 558245/3854916
801	4/5/2010	*Site*	MBr	JBr, BN, PW	A24	38	558180	3854592									5	100-0631		0932-1137	56	15-60	5-10/20-30	
802	4/5/2010	*Site*	SA	DC, CS, MT	A25	*041*	558809	3854831	DT22	M		280.0						4391		0945-1233	61/56	10/60	5-7/20-30	basking under acacia
803	4/5/2010	*Site*	SA	DC, CS, MT	A25	*042*	558810	3854830						1	8x16			4394		0945-1233	61/56	10/60	5-7/20-30	
804	4/5/2010	*Site*	SA	DC, CS, MT	A25	*043*	558775	3854804						2	7x14			4395-4396		0945-1233	61/56	10/60	5-7/20-30	
805	4/5/2010	*Site*	SA	DC, CS, MT	A25	*044*	558684	3854621						3	5x8			4397		0945-1233	61/56	10/60	5-7/20-30	DT burrow filling in
806	4/5/2010	*Site*	SA	DC, CS, MT	A25	*046*	558564	3854844						3	6x10			4399		0945-1233	61/56	10/60	5-7/20-30	doesn't go far back
807	4/5/2010	*Site*	SA	DC, CS, MT	A25	*047*	558567	3854652			8.0						2	4400		0945-1233	61/56	10/60	5-7/20-30	evidence of coyote predation
808	4/5/2010	*Site*	SA	DC, CS, MT	A25	*045*	558609	3854597			11.0						3	4398		0945-1233	61/56	10/60	5-7/20-30	shell intact
809	4/5/2010	*Site*	DM	RC, SC, PF,WM	A26	*NO DATA*														0940-1130	62/62	10/10	4-6/4-6	
706	4/15/2010	*Site*	DM	KH, WM, MT, NJ	B12	47	552965	3854241						4	5x9			3279		0900-1050				
707	4/15/2010	*Site*	DM	KH, WM, MT, NJ	B12	48	552964	3854225	DT96	unknown		7.0						3280		0900-1050				
708	4/15/2010	*Site*	DM	KH, WM, MT, NJ	B12	49	552949	3854242						1	6x11	4		3281-3282		0900-1050				Tracks in burrow; likely from Tort 048
709	4/15/2010	*Site*	DM	KH, WM, MT, NJ	B12	50	553031	3854632	DT97	unknown		8.0		1	5x10			3283		0900-1050				Tortoise in burrow, facing in
710	4/15/2010	*Site*	DM	KH, WM, MT, NJ	B13	51	553059	3854605						2	5x10			3284		1050				
711	4/15/2010	*Site*	DM	KH, WM, MT, NJ	B13	52	553091	3854186						2	4x7			3285		1050				
712	4/15/2010	*Site*	DM	KH, WM, MT, NJ	B13	53	553128	3854453						2	6x12			3286		1050				Old Scat
713	4/15/2010	*Site*	DM	KH, WM, MT, NJ	B13	54	553146	3854480						3	6x12			3287		1050				Old scat in burrow.
714	4/15/2010	*Site*	DM	KH, WM, MT, NJ	B13	55	553230	3854274						3	7X14			3288		1050				
715	4/15/2010	*Site*	DM	KH, WM, MT, NJ	B13	56	553211	3854427	DT98	unknown		3.0						3289		1050				
716	4/15/2010	*Site*	DM	KH, WM, MT, NJ	B13	57	553214	3854429						3	7X14	2		3290		1050				
717	4/15/2010	*Site*	DM	KH, WM, MT, NJ	B13	58	553196	3854557									3	3291		1050				
718	4/15/2010	*Site*	DM	KH, WM, MT, NJ	B13	59	553192	3854569						3	5X8			3292		1050				
719	4/15/2010	*Site*	DM	KH, WM, MT, NJ	B13	60	553229	3854550						3	6X10			3293		1050				
720	4/15/2010	*Site*	DM	KH, WM, MT, NJ	B13	61	553283	3854311						2	7X16			3294		1050				
721	4/15/2010	*Site*	DM	KH, WM, MT, NJ	B13	62	553287	3854199	DT99	unknown		5.5		1	4X6			3292		1050				Tortoise in burrow.
722	4/15/2010	*Site*	DM	KH, WM, MT, NJ	B13	63	553310	3854222									3	3293		1050				
723	4/15/2010	*Site*	DM	KH, WM, MT, NJ	B13	64	553309	3854363	DT10 0	F		7.0		1	8x14			3297		1250				Tortoise sitting in burrow, facing out
724	4/15/2010	*Site*	DM	KH, WM, MT, NJ	B13	65	553327	3854444						3	4x10			3298		1250				
725	4/15/2010	*Site*	DM	KH, WM, MT, NJ	B13	66	553354	3854545				9.0					2	3299		1250				
726	4/15/2010	*Site*	DM	KH, WM, MT, NJ	B13	67	553318	3854650						2	5x10			3300		1250				
727	4/13/2010	*Site*	RB	GB, PW, WB, TJ	B17	26	554968	3854283						1	5X10	2		2192		0910-1230	51/70	0/0	5-10/3-8	1 foot deep burrow, tortoise (F) 8 feet away from burrow. Location is just south of B17 boundary
728	4/13/2010	*Site*	RB	GB, PW, WB, TJ	B17, A17	28	555068	3854135	DT91	F		10.0		1	5X10			2194		0910-1230	51/70	0/0	5-10/3-8	
729	4/13/2010	*Site*	RB	GB, PW, WB, TJ	B17, A17	40	555130	3854166	DT89	M		12.0						2205		0910-1230	51/70	0/0	5-10/3-8	male tortoise headed in direction of earlier detected male.
730	4/13/2010	*Site*	RB	GB, PW, WB, TJ	B17, A17	34	555177	3854212	DT90	M		13.0		1	7X13			2199		0910-1230	51/70	0/0	5-10/3-8	Tort. Outside pallet 18" deep
731	4/13/2010	*Site*	RB	GB, PW, WB, TJ	B17, A17	30	555126	3854854	DT92	M		10.0		1	6X11			2196		0910-1230	51/70	0/0	5-10/3-8	Burrow 2.5 feet deep
732	4/13/2010	*Site*	RB	GB, PW, WB, TJ	B17, A17	31	555086	3854851									5			0910-1230	51/70	0/0	5-10/3-8	2 carcasses about 50 feet apart
733	4/13/2010	*Site*	RB	GB, PW, WB, TJ	B17, A17	32	555081	3854940									2	2197		0910-1230	51/70	0/0	5-10/3-8	3" juv. Carcass
734	4/13/2010	*Site*	RB	GB, PW, WB, TJ	B17, A17	33	555165	3854191									2	2198		0910-1230	51/70	0/0	5-10/3-8	Carcass 3.5" eaten by raven

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735	4/13/2010	*Site*	RB	GB, PW, WB, TJ	B17, A17	36	555218	3854719										2201	x	0910-1230	51/70	0/0	5-10/3-8	Crucifixion Thorn
736	4/13/2010	*Site*	RB	GB, PW, WB, TJ	B17, A17	27	555041	3854321						1	6X17		2	2193		0910-1230	51/70	0/0	5-10/3-8	3 feet deep
737	4/13/2010	*Site*	RB	GB, PW, WB, TJ	B17, A17	29	555054	3854425						2	6X12			2195		0910-1230	51/70	0/0	5-10/3-8	
738	4/13/2010	*Site*	RB	GB, PW, WB, TJ	B17, A17	35	555181	3854617						2	5X11			2200		0910-1230	51/70	0/0	5-10/3-8	18" deep
739	4/8/2010	*Site*	RD	TS, JMc	B20	*005*	0556630	3854374						2	5X9			079		1330-1620	78/80		5-10/5-10	Burrow under dense branches.
740	4/8/2010	*Site*	RB	TS, JMc	B20	*008*	0556272	3854395				11					5	084-085		1330-1620	78/80		5-10/5-10	
741	4/8/2010	*Site*	RB	MB, JB, NJ, HB	B20	*006*	0556574	3854245	DT68	F	9							080		1330-1620	78/80		5-10/5-10	left rear marginal scute split in half
742	4/8/2010	*Site*	RB	MB, JB, NJ, HB	B20	*009*	0556224	3854439	DT67	M	11						5	086		1330-1620	78/80		5-10/5-10	tortoise recently feeding, resting under cholla
743	4/8/2010	*Site*	RB	MB, JB, NJ, HB	B21	*104*	0556837	3854421						1	8X14			2272		1122-			0-5	
744	4/8/2010	*Site*	MBr	JBr, NJ, HB	B21	*100*	0556984	3854343						2	7X20			2267		1122-			0-5	Caliche care
745	4/8/2010	*Site*	MBr	JBr, NJ, HB	B21	*101*	0556852	3854368						2	8X14			2268-2269		1122-			0-5	Burrow with two entrances
746	4/8/2010	*Site*	MBr	JBr, NJ, HB	B21	*102*	0556843	3854392						2	6X12			2270		1122-			0-5	
747	4/8/2010	*Site*	MBr	JBr, NJ, HB	B21	*103*	0556848	3854376						2	5X4			2271		1122-			0-5	
748	4/8/2010	*Site*	RB	MB, JB, NJ, HB	B21	*106*	0556804	3854517						5				2274		1122-			0-5	
749	4/8/2010	*Site*	RB	MB, JB, NJ, HB	B21	*107*	0556729	3854420						5				2275		1122-			0-5	
750	4/8/2010	*Site*	RB	MB, JB, NJ, HB	B21	*105*	0556831	3854426	DT64	F	10	215						2273		1122-			0-5	
751	4/5/2010	*Site*	RD	TS, DS, JMc, DP	B23	*005*	557806	3854484						3				54-55		1330-1530	53/55	80/70	15-20/15-20	
752	4/5/2010	*Site*	MBr	JBr, BN, PW	B24	44	558276	3854227	DT26	unknown	7.0	160mm	G					100-0635		1336-1638	51	90/50	20-30/20-30	associated with burrow 43
753	4/5/2010	*Site*	MBr	JBr, BN, PW	B24	43	558273	3854228						1	4x7			100-0634		1336-1638	51	90/50	20-30/20-30	associated with DT26
754	4/5/2010	*Site*	MBr	JBr, BN, PW	B24	46	558420	3854468						2	5x10					1336-1638	51	90/50	20-30/20-30	
755	4/5/2010	*Site*	MBr	JBr, BN, PW	B24	39	558160	3854545									5	P. Wood 100-0632	x	1336-1638	51	90/50	20-30/20-30	Scat - This year I, last year II
756	4/5/2010	*Site*	MBr	JBr, BN, PW	B24	40	558199	3854202									4	100-0633		1336-1638	51	90/50	20-30/20-30	
757	4/5/2010	*Site*	MBr	JBr, BN, PW	B24	41	558223	3854401									5			1336-1638	51	90/50	20-30/20-30	
758	4/5/2010	*Site*	MBr	JBr, BN, PW	B24	42	558289	3854447									5			1336-1638	51	90/50	20-30/20-30	
759	4/5/2010	*Site*	MBr	JBr, BN, PW	B24	45	558305	3854478									5			1336-1638	51	90/50	20-30/20-30	
760	4/5/2010	*Site*	SA	DC, CS, MT	B25	*049*	558437	3854347	DT23	F	8.0	210.0						4402-4404		1350-1617	52/60	80/20	15-20/9-15	live tortoise
761	4/5/2010	*Site*	SA	DC, CS, MT	B25	*050*	558511	3854443	DT24	M		>200	G					4405		1350-1617	52/60	80/20	15-20/9-15	in burrow entrance; facing inside
762	4/5/2010	*Site*	SA	DC, CS, MT	B25	*048*	558569	3854558						1	7x14			4401		1350-1617	52/60	80/20	15-20/9-15	
763	4/5/2010	*Site*	SA	DC, CS, MT	B25	*051*	558512	3854444						1	7x14			4407		1350-1617	52/60	80/20	15-20/9-15	
764	4/5/2010	*Site*	SA	DC, CS, MT	B25	*052*	558502	3854529						1	7x13			4408		1350-1617	52/60	80/20	15-20/9-15	Not DT, but tracks present inside
765	4/5/2010	*Site*	SA	DC, CS, MT	B25	*053*	558588	3854230						2	7x14			4409		1350-1617	52/60	80/20	15-20/9-15	
766	4/5/2010	*Site*	DM		B26	*221*	559230	3854516						2	6x14			3168		1200-1355	60	70	10-15	
767	4/5/2010	*Site*	DM		B26	*222*	559078	3854487											x	1200-1355	60	70	10-15	big horn sheep skeleton, pic 3169-3120
768	4/9/2010	*Site*	DM	RC, PF, SC, WM	C12	17	553035	3853797						2	6X10			3245		0900-1100				
769	4/9/2010	*Site*	DM	RC, PF, SC, WM	C12	16	552738	3853844						3	6X8			3244		0900-1100				
770	4/9/2010	*Site*	DM	RC, PF, SC, WM	C13	26	553313	3853762		F		9.0						3255		1130-1300				
771	4/9/2010	*Site*	DM	RC, PF, SC, WM	C13	18	553093	3854182	DT77	unknown		7.0			5X8			3246-3247		1130-1300				

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OBJECTID	DATE COLLECTED	SURVEY AREA	TEAM LEADER	OTHER OBSERVERS	CELL NUMBER	GPS POINT	EASTING	NORTHING	TORTOISE #	TORTOISE SEX	TORTOISE SIZE (IN)	TORTOISE SIZE (mm)	TORTOISE HEALTH	BURROW CATEGORY (1-5)	BURROW HXW (INCHES)	SCAT CATEGORY (1-5)	CARCASS CATEGORY (1-5)	PICTURE #	Other Species	Time Start/End	Temp Start/End (F)	Cloud Cover Start/End (%)	Wind Start/End (mph)	NOTES
772	4/9/2010	*Site*	DM	RC, PF, SC, WM	C13	19	553141	3853877	DT76	M	13.0							3250		1130-1300				
773	4/9/2010	*Site*	DM	RC, PF, SC, WM	C13	23	553163	3854036						1	6X8			3252		1130-1300				Burrow clean with possible tracks inside near area of tort 018
774	4/9/2010	*Site*	DM	RC, PF, SC, WM	C13	25	553325	3853913						1	6X20			3254		1130-1300				
775	4/9/2010	*Site*	DM	RC, PF, SC, WM	C13	24	553212	3854144						2	5X7			3253		1130-1300				
776	4/9/2010	*Site*	DM	RC, PF, SC, WM	C13	20	553099	3853845						3	6X12	4		3248		1130-1300				
777	4/9/2010	*Site*	DM	RC, PF, SC, WM	C13	21	553115	3853746						4	6X10			3249		1130-1300				
778	4/9/2010	*Site*	DM	RC, PF, SC, WM	C13	22	553174	3853857						4	5X8			3251		1130-1300				
779	4/7/2010	*Site*	MBr	JBr, BN, GB, NJ	C17	86	555230	3853887	DT49	F?	4.0	100.0	G					2248-2249		1202-1535		0/0	0-5/0-5	tortoise resting in sun
780	4/7/2010	*Site*	MBr	JBr, BN, GB, NJ	C17	90	555111	3854169	DT48	M	13.0	310.0						2253		1202-1535		0/0	0-5/0-5	tortoise resting in sun
781	4/7/2010	*Site*	MBr	JBr, BN, GB, NJ	C17	85	555269	3853869						1	5x9			2247		1202-1535		0/0	0-5/0-5	
782	4/7/2010	*Site*	MBr	JBr, BN, GB, NJ	C17	87	555228	3853887						1	2x4			2250		1202-1535		0/0	0-5/0-5	
783	4/7/2010	*Site*	MBr	JBr, BN, GB, NJ	C17	91	554987	3853875						1	6X14			2258		1202-1535		0/0	0-5/0-5	
784	4/7/2010	*Site*	MBr	JBr, BN, GB, NJ	C17	92	554991	3853844						1	5X12			2259		1202-1535		0/0	0-5/0-5	
785	4/7/2010	*Site*	MBr	JBr, BN, GB, NJ	C17	94	554941	3854093						1	4X8			2261		1202-1535		0/0	0-5/0-5	
786	4/7/2010	*Site*	MBr	JBr, BN, GB, NJ	C17	84	555270	3853791						2	5x10			2246		1202-1535		0/0	0-5/0-5	
787	4/7/2010	*Site*	MBr	JBr, BN, GB, NJ	C17	93	554956	3854072						2	5X12			2260		1202-1535		0/0	0-5/0-5	
788	4/7/2010	*Site*	MBr	JBr, BN, GB, NJ	C17	89	555192	3854149						3	4x12			2252		1202-1535		0/0	0-5/0-5	Burrow has partially collapsed roof
789	4/7/2010	*Site*	MBr	JBr, BN, GB, NJ	C17	88	555257	3854064									5	2251		1202-1535		0/0	0-5/0-5	
790	4/6/2010	*Site*	DM	RC, SC, PF,WM	C18	236	555390	3853935	DT36	F	8.0							3195-3196		1315-1625				
791	4/6/2010	*Site*	DM	RC, SC, PF,WM	C18	230	555635	3853703	DT35	unknown	unknown			1	4x8			3180		1315-1625				tortoise inside burrow; can't determine size or sex
792	4/6/2010	*Site*	DM	RC, SC, PF,WM	C18	240	555276	3853798	DT37	unknown				3	8x14			3199		1315-1625				tortoise sitting sideways in burrow
793	4/6/2010	*Site*	DM	RC, SC, PF,WM	C18	233	555572	3853755						2	8x14			3189		1315-1625				
794	4/6/2010	*Site*	DM	RC, SC, PF,WM	C18	231	555600	3853776						3	6x8			3181		1315-1625				
795	4/6/2010	*Site*	DM	RC, SC, PF,WM	C18	232	555626	3853760						3	5x7			3182		1315-1625				
796	4/6/2010	*Site*	DM	RC, SC, PF,WM	C18	237	555349	3853769						3	8x10					1315-1625				
797	4/6/2010	*Site*	DM	RC, SC, PF,WM	C18	238	555320	3853750						3	5x8			3197		1315-1625				
798	4/6/2010	*Site*	DM	RC, SC, PF,WM	C18	239	555327	3853803						3	6x8			3198		1315-1625				
799	4/6/2010	*Site*	DM	RC, SC, PF,WM	C18	228	555699	3853709						4	3x8			3178		1315-1625				
800	4/6/2010	*Site*	DM	RC, SC, PF,WM	C18	229	555639	3853709						4	4x6			3179		1315-1625				
801	4/6/2010	*Site*	DM	RC, SC, PF,WM	C18	234	555446	3854122									5	3194		1315-1625				
802	4/6/2010	*Site*	DM	RC, SC, PF,WM	C18	235	555458	3853891									5			1315-1625				widely scattered
803	4/6/2010	*Site*	DM	RC, SC, PF,WM	C19	223	555830	3854021	DT34	unknown	5.0			1	5x7			3172-3174		0900-1245				sign of recent feeding
804	4/6/2010	*Site*	DM	RC, SC, PF,WM	C19	226	556177	3853850						4	7x8			3176		0900-1245				
805	4/6/2010	*Site*	DM	RC, SC, PF,WM	C19	224	555711	3853979									2	3175		0900-1245				
806	4/6/2010	*Site*	DM	RC, SC, PF,WM	C19	225	555715	3853880								2				0900-1245				
807	4/6/2010	*Site*	DM	RC, SC, PF,WM	C19	227	556004	3853795									5	3177		0900-1245				

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807	4/4/2010	*Site*	RB	TS, JMc	C20	*003*	0556448	3853753						2	4.5X10.5			073		0830-1210	60/80		0-5/5-10	
808	4/4/2010	*Site*	RB	TS, JMc	C20	*004*	0556368	3853819				9					5	078		0830-1210	60/80		0-5/5-10	
	4/8/2010	*Site*	RD	TS, JMc	C20	*002*	556504	3853822	DT69	unknown	6							071-072		0830-1210	60/80		0-5/5-10	
1	4/8/2010	*Site*	DM	RC, WS, PF	C21	*010*	556765	3853309						2	8X16			3237		1140-1515				
2	4/8/2010	*Site*	DM	RC, WS, PF	C21	*013*	556871	3853319						2	7X13			3239		1140-1515				
3	4/8/2010	*Site*	DM	RC, WS, PF	C21	*011*	556829	3853323						3	5X10			3238		1140-1515				
4	4/8/2010	*Site*	DM	RC, WS, PF	C21	*014*	556895	3853430						3	7X12			3241		1140-1515				
5	4/8/2010	*Site*	DM	RC, WS, PF	C21	*015*	556901	3853591						3	7X18			3241		1140-1515				
6	4/8/2010	*Site*	DM	RC, WS, PF	C21	*012*	556817	3853620								5				1140-1515				
7	4/8/2010	*Site*	JP	CK, Lbo, Aba, PW	C22	*068*	0557221	3853866						1	5X12			955		0855-1135	60/70		1-3/4-7	
8	4/8/2010	*Site*	JP	CK, Lbo, Aba, PW	C22	*070*	0557262	3853853						1	5X12			957		0855-1135	60/70		1-3/4-7	
9	4/8/2010	*Site*	JP	CK, Lbo, Aba, PW	C22	*071*	0557272							1	6X13	2		958		0855-1135	60/70		1-3/4-7	
10	4/8/2010	*Site*	JP	CK, Lbo, Aba, PW	C22	*073*	0557298	3853860						1	7X11	2		961		0855-1135	60/70		1-3/4-7	
11	4/8/2010	*Site*	JP	CK, Lbo, Aba, PW	C22	*074*	0557309	3853803						1	7X11			962		0855-1135	60/70		1-3/4-7	
12	4/8/2010	*Site*	JP	CK, Lbo, Aba, PW	C22	*075*	0557327	3853794						1	6X11			963		0855-1135	60/70		1-3/4-7	
13	4/8/2010	*Site*	JP	CK, Lbo, Aba, PW	C22	*076*	0557381	3853947						1	4X11			964		0855-1135	60/70		1-3/4-7	
14	4/8/2010	*Site*	JP	CK, Lbo, Aba, PW	C22	*078*	0557464	3854122									5	965		0855-1135	60/70		1-3/4-7	
15	4/8/2010	*Site*	JP	CK, Lbo, Aba, PW	C22	*079*	0557486	3853760									5	966		0855-1135	60/70		1-3/4-7	
16	4/8/2010	*Site*	JP	CK, Lbo, Aba, PW	C22	*069*	0557258	3853753	DT65	F	8							956		0855-1135	60/70		1-3/4-7	
17	4/8/2010	*Site*	JP	CK, Lbo, Aba, PW	C22	*072*	0557248	3854044	DT66	M		8.5		1	7X12			959-960		0855-1135	60/70		1-3/4-7	
18	4/8/2010	*Site*	JP	CK, Lbo, Aba, PW	C23	*082*	0557789	3854123						1	4X8			969		1136-1530	70/80		4-7/1-3	
19	4/8/2010	*Site*	JP	CK, Lbo, Aba, PW	C23	*085*	0557952	3854151						1	10X12			972		1136-1530	70/80		4-7/1-3	
20	4/8/2010	*Site*	JP	CK, Lbo, Aba, PW	C23	*080*	0557590	3853719				9					4	967		1136-1530	70/80		4-7/1-3	
21	4/8/2010	*Site*	JP	CK, Lbo, Aba, PW	C23	*081*	0557672	3854055									4	968		1136-1530	70/80		4-7/1-3	
22	4/8/2010	*Site*	JP	CK, Lbo, Aba, PW	C23	*083*	0557793	3854766									5	970		1136-1530	70/80		4-7/1-3	
23	4/8/2010	*Site*	JP	CK, Lbo, Aba, PW	C23	*084*	0557958	3854076				9 3/4					3	971		1136-1530	70/80		4-7/1-3	
683	4/13/2010	*Site*	JP	CK, JON, LB, CS	C24	82	558008	3853691									5	981		0850-1150	48/68	0/0	4-7/4-7	
684	4/13/2010	*Site*	JP	CK, JON, LB, CS	C24	83	558121	3854109									5	982		0850-1150	48/68	0/0	4-7/4-7	
685	4/13/2010	*Site*	JP	CK, JON, LB, CS	C24	84	558095	3854061	DT88	Unknown		6.0		1	6x10			983		0850-1150	48/68	0/0	4-7/4-7	Tortoise in burrow.
686	4/13/2010	*Site*	JP	CK, JON, LB, CS	C24	85	558130	3853827						1	5x11			984		0850-1150	48/68	0/0	4-7/4-7	
687	4/13/2010	*Site*	JP	CK, JON, LB, CS	C24	86	558231	3854074						1	7x11			985		0850-1150	48/68	0/0	4-7/4-7	
688	4/13/2010	*Site*	JP	CK, JON, LB, CS	C24	87	558214	3854058						1	7x16			986		0850-1150	48/68	0/0	4-7/4-7	
689	4/13/2010	*Site*	JP	CK, JON, LB, CS	C24	88	558329	3854041	DT87	F		8.0		1	8x11			987		0850-1150	48/68	0/0	4-7/4-7	Tortoise in burrow.
690	4/13/2010	*Site*	JP	CK, JON, LB, CS	C24	89	558401	3853784									5	988		0850-1150	48/68	0/0	4-7/4-7	
691	4/13/2010	*Site*	JP	CK, JON, LB, CS	C25	90	558500	3853775	DT86	F		8.0						989		1150-1500	68/74	0/0	4-7/4-7	
692	4/13/2010	*Site*	JP	CK, JON, LB, CS	C25	91	558725	3853856									5	990		1150-1500	68/74	0/0	4-7/4-7	

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693	4/13/2010	*Site*	JP	CK, JON, LB, CS	C25	92	558885	3853670						1	9x11			991		1150-1500	68/74	0/0	4-7/4-7	
694	4/13/2010	*Site*	JP	CK, JON, LB, CS	C25	93	558902	3853909						1	3x7			992		1150-1500	68/74	0/0	4-7/4-7	
695	4/13/2010	*Site*	JP	CK, JON, LB, CS	C25	94	558937	3853953						1	6x13			993		1150-1500	68/74	0/0	4-7/4-7	
696	4/13/2010	*Site*	JP	CK, JON, LB, CS	C25	95	558991	3853707						1	6x14			994		1150-1500	68/74	0/0	4-7/4-7	
698	4/13/2010	*Site*	JP	CK, JON, LB, CS	C26	NO DATA														1500-1600	74/74	0/0	4-7/4-7	
786	4/14/2010	Site	JP	CK, JON, LB, CS	C26	110	559094	3853857									5	1011		1500-1635	74/72	0/0	4-7/4-7	
787	4/9/2010	*Site*	RB	RD, JD, Brandon	D12	*016*	0552668	3853505	DT73	M								093		0850-1216	65/80	0/0	0-5/0-5	
788	4/9/2010	*Site*	RB	RD, JD, Brandon	D12	*015*	0552071	3853502						1	6.5X11			092		0850-1216	65/80	0/0	0-5/0-5	
789	4/9/2010	*Site*	RB	RD, JD, Brandon	D12	*018*	0552757	3853603						1	5X10			095		0850-1216	65/80	0/0	0-5/0-5	
790	4/9/2010	*Site*	RB	RD, JD, Brandon	D12	*010*	0552593	3853677						2	3.5X9			087		0850-1216	65/80	0/0	0-5/0-5	Sparse Creosote bursage, cobbly sandy loam
791	4/9/2010	*Site*	RB	RD, JD, Brandon	D12	*011*	0552603	3853492						2	5.5X10			088		0850-1216	65/80	0/0	0-5/0-5	
792	4/9/2010	*Site*	RB	RD, JD, Brandon	D12	*012*	0552619	3853485						2	5X10			089		0850-1216	65/80	0/0	0-5/0-5	
793	4/9/2010	*Site*	RB	RD, JD, Brandon	D12	*017*	0552668	3853439						3	9X5.5			094		0850-1216	65/80	0/0	0-5/0-5	
792	4/9/2010	*Site*	RB	RD, JD, Brandon	D12	*024*	0552950	3853483						3	6.5X9			100		0850-1216	65/80	0/0	0-5/0-5	
793	4/9/2010	*Site*	RB	RD, JD, Brandon	D12	*020*	0552803	3853637						3	5X9.5			097		0850-1216	65/80	0/0	0-5/0-5	
794	4/9/2010	*Site*	RB	RD, JD, Brandon	D12	*013*	0552631	3853691							3X6			090		0850-1216	65/80	0/0	0-5/0-5	
795	4/9/2010	*Site*	RB	RD, JD, Brandon	D12	*014*	0552681	3853576							4X7			091		0850-1216	65/80	0/0	0-5/0-5	
796	4/9/2010	*Site*	RB	RD, JD, Brandon	D12	*019*	0552737	3853480				2.5					1	096		0850-1216	65/80	0/0	0-5/0-5	
797	4/9/2010	*Site*	RB	RD, JD, Brandon	D12													098		0850-1216	65		0-5	
798	4/9/2010	*Site*	RB	RD, JD, Brandon	D12	*025*	0553028	3853688	DT10 2	F	6.5			2	4X8.5			101		0850-1216	65/80	0/0	0-5/0-5	Tortoise foraging
	4/9/2010	Site	RD	RC, MBr, JBr, JMc	D12	*22*	0552890	3853533	DT72	F	9			1	9x5			099		0850-1216	65/80	0/0	0-5/0-5	Live Tortoise; burrow approx 14m away
	4/9/2010	*Site*	RB	RD, JD, Brandon	D12	*21*	0552857	3853481	DT74	unknown	4			1				098		0850-1216	65/80	0/0	0-5/0-5	
777	4/14/2010	Site	JP	CK, JON, LB, CS	D13	101	553318	3853536						1	4x8			1002		1255-1400	72/74	0/0	4-7/4-7	Scat
778	4/14/2010	Site	JP	CK, JON, LB, CS	D13	102	553305	3853734						1	5x13			1003		1255-1400	72/74	0/0	4-7/4-7	Scat
779	4/14/2010	Site	JP	CK, JON, LB, CS	D13	103	553281	3853535	DT93	unknown	6.5									1255-1400	72/74	0/0	4-7/4-7	tortoise under shrub
780	4/14/2010	Site	JP	CK, JON, LB, CS	D13	104	553258	3853319						1	5x8			1005		1255-1400	72/74	0/0	4-7/4-7	
781	4/14/2010	Site	JP	CK, JON, LB, CS	D13	105	553142	3853512						1	5x10			1006		1255-1400	72/74	0/0	4-7/4-7	
782	4/14/2010	Site	JP	CK, JON, LB, CS	D13	106	553145	3853419						3	3x7			1007		1255-1400	72/74	0/0	4-7/4-7	
783	4/14/2010	Site	JP	CK, JON, LB, CS	D13	107	553112	3853332						1	3x6			1008		1255-1400	72/74	0/0	4-7/4-7	
784	4/14/2010	Site	JP	CK, JON, LB, CS	D13	108	553095	3853638						1	4x10			1009		1255-1400	72/74	0/0	4-7/4-7	
785	4/14/2010	Site	JP	CK, JON, LB, CS	D13	109	553069	3853326	DT94	subadult				1	3x6			1010		1255-1400	72/74	0/0	4-7/4-7	Subadult in burrow
786	4/7/2010	*Site*	MBr	JBr, BN, GB, NJ	D17	61	555243	3853317	DT51	M		13.0	280.0 G					2209		0849-1200		0/0	0-5/0-5	
787	4/7/2010	*Site*	MBr	JBr, BN, GB, NJ	D17	72	555037	3853281	DT50	unknown		4.0	110.0					2230-2233		0849-1200		0/0	0-5/0-5	
788	4/7/2010	*Site*	MBr	JBr, BN, GB, NJ	D17	71	555039	3853281						1	3X5			2234		0849-1200		0/0	0-5/0-5	
789	4/7/2010	*Site*	MBr	JBr, BN, GB, NJ	D17	73	555044	3853643						1	5X12			2235		0849-1200		0/0	0-5/0-5	Shell bits in mound of burrow from tortoise eggs;
790	4/7/2010	*Site*	MBr	JBr, BN, GB, NJ	D17	79	555209	3853290						1	7x15			2241		0849-1200		0/0	0-5/0-5	
791	4/7/2010	*Site*	MBr	JBr, BN, GB, NJ	D17	68	554939	3853414						2	7X13			2227		0849-1200		0/0	0-5/0-5	

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792	4/7/2010	*Site*	MBr	JBr, BN, GB, NJ	D17	69	554958	3853573						2	5X9			2228		0849-1200		0/0	0-5/0-5	
793	4/7/2010	*Site*	MBr	JBr, BN, GB, NJ	D17	70	555007	3853297						2	7X12			2229		0849-1200		0/0	0-5/0-5	
794	4/7/2010	*Site*	MBr	JBr, BN, GB, NJ	D17	74	555065	3853674						2	5X10			2236		0849-1200		0/0	0-5/0-5	
795	4/7/2010	*Site*	MBr	JBr, BN, GB, NJ	D17	75	555099	3853572						2	3X6			2237		0849-1200		0/0	0-5/0-5	
796	4/7/2010	*Site*	MBr	JBr, BN, GB, NJ	D17	77	555147	3853428						2	5X13			2239		0849-1200		0/0	0-5/0-5	
797	4/7/2010	*Site*	MBr	JBr, BN, GB, NJ	D17	78	555149	3853543						2	5X12			2240		0849-1200		0/0	0-5/0-5	
798	4/7/2010	*Site*	MBr	JBr, BN, GB, NJ	D17	80	555205	3853278						2	7x12			2242		0849-1200		0/0	0-5/0-5	
799	4/7/2010	*Site*	MBr	JBr, BN, GB, NJ	D17	82	555252	3853690						2	4x10			2244		0849-1200		0/0	0-5/0-5	
800	4/7/2010	*Site*	MBr	JBr, BN, GB, NJ	D17	81	555240	3853627						3	5x10			2243		0849-1200		0/0	0-5/0-5	Burrow had vegetation in mouth
801	4/7/2010	*Site*	MBr	JBr, BN, GB, NJ	D17	67	554940	3853412									5	2226		0849-1200		0/0	0-5/0-5	2 of this year's scat in D17
802	4/7/2010	*Site*	MBr	JBr, BN, GB, NJ	D17	76	555118	3853512									5	2238		0849-1200		0/0	0-5/0-5	
803	4/7/2010	*Site*	MBr	JBr, BN, GB, NJ	D17	83	555263	3853679									5	2245		0849-1200		0/0	0-5/0-5	
804	4/6/2010	*Site*	MBr	JBr, BN, GB, NJ	D18	65	555367	3853457	DT39	M	8.0	180.0	G					2218-2223		1242-1605		2/2	5-10/0-5	
805	4/6/2010	*Site*	MBr	JBr, BN, GB, NJ	D18	66	555369	3853471						1	4x10			2224		1242-1605		2/2	5-10/0-5	
806	4/6/2010	*Site*	MBr	JBr, BN, GB, NJ	D18	62	555641	3853423						2	5x12			2214		1242-1605		2/2	5-10/0-5	
807	4/6/2010	*Site*	MBr	JBr, BN, GB, NJ	D18	63	555504	3853630									5	2215-2216		1242-1605		2/2	5-10/0-5	
808	4/6/2010	*Site*	MBr	JBr, BN, GB, NJ	D18	64	555438	3853575									5	2217		1242-1605		2/2	5-10/0-5	
809	4/6/2010	*Site*	MBr	JBr, BN, GB, NJ	D19	48	556140	3853341	DT38	unknown	10.0	250.0	G					2193		904-1240				
810	4/6/2010	*Site*	MBr	JBr, BN, GB, NJ	D19	47	556142	3853343						1	5x12			2187		904-1240				
811	4/6/2010	*Site*	MBr	JBr, BN, GB, NJ	D19	50	556043	3853541						2	5x13			2195		904-1240		5/2	5-10/5-10	
812	4/6/2010	*Site*	MBr	JBr, BN, GB, NJ	D19	53	555908	3853284						2	6x12			2199		904-1240		5/2	5-10/5-10	
813	4/6/2010	*Site*	MBr	JBr, BN, GB, NJ	D19	55	555836	3853613						2	3x7			2201		904-1240		5/2	5-10/5-10	
814	4/6/2010	*Site*	MBr	JBr, BN, GB, NJ	D19	58	555736	3853383						2	7x12			2205		904-1240		5/2	5-10/5-10	
815	4/6/2010	*Site*	MBr	JBr, BN, GB, NJ	D19	59	555761	3853378						2	6x13			2206		904-1240		5/2	5-10/5-10	
816	4/6/2010	*Site*	MBr	JBr, BN, GB, NJ	D19	60	555726	3853420						2	3x7			2208		904-1240		5/2	5-10/5-10	
817	4/6/2010	*Site*	MBr	JBr, BN, GB, NJ	D19	49	556035	3853512						3	4x12			2194		904-1240		5/2	5-10/5-10	entrance to burrow slightly collapsed
818	4/6/2010	*Site*	MBr	JBr, BN, GB, NJ	D19	52	555910	3853297						3	8x14			2197-2198		904-1240		5/2	5-10/5-10	vegetation in mouth of burrow
819	4/6/2010	*Site*	MBr	JBr, BN, GB, NJ	D19	54	555867	3853359						3	4x12			2200		904-1240		5/2	5-10/5-10	partially collapsed
820	4/6/2010	*Site*	MBr	JBr, BN, GB, NJ	D19	56	555779	3853616						3	4x12			2202		904-1240		5/2	5-10/5-10	partially collapsed
821	4/6/2010	*Site*	MBr	JBr, BN, GB, NJ	D19	57	555816	3853499						3	4x9			2203		904-1240		5/2	5-10/5-10	fair condition
822	4/6/2010	*Site*	MBr	JBr, BN, GB, NJ	D19	51	556051	3853685									5	2196		904-1240		5/2	5-10/5-10	
823	4/7/2010	*Site*	DM	RC, SC, PF,WM	D20	241	556607	3853243	DT55	F	8.0			1	6x8			3201-3202		0900-1230	55	0	2-4/2-4	
824	4/7/2010	*Site*	DM	RC, SC, PF,WM	D20	242	556200	3853343						3	8x15			3203		0900-1230	55	0	2-4/2-4	
825	4/7/2010	*Site*	DM	RC, SC, PF,WM	D20	243	556305	3853309						3	2x12	4		3204		0900-1230	55	0	2-4/2-4	
826	4/7/2010	*Site*	DM	RC, SC, PF,WM	D20	244	556254	3853332						4	7x7			3205		0900-1230	55	0	2-4/2-4	
827	4/7/2010	*Site*	DM	RC, SC, PF,WM	D20	245	556231	3853685									5	3214		0900-1230	55	0	2-4/2-4	

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828	4/8/2010	*Site*	DM	RC, WS, PF	D21	*003*	556967	3853841						2	7X12			3226		0830-1140				
829	4/8/2010	*Site*	DM	RC, WS, PF	D21	*008*	556687	3853959						2	7X16			3232		0830-1140				
830	4/8/2010	*Site*	DM	RC, WS, PF	D21	*001*	557017	3854016						3	3.5X8			3223		0830-1140				
831	4/8/2010	*Site*	DM	RC, WS, PF	D21	*006*	556869	3853727	DT57	F	9							3231		0830-1140				female; scutes slightly sunken and worn
832	4/8/2010	*Site*	DM	RC, WS, PF	D21	*005*	556924	3853868	DT58	F	9							3230		0830-1140				Burrow associates with tortoise 005
833	4/8/2010	*Site*	DM	RC, WS, PF	D21	*002*	556992	3854050	DT56	M	12							3224-3225		0830-1140				
834	4/8/2010	*Site*	DM	RC, WS, PF	D21	*005*	556932	3853744	X	M		11		1	7X11	3		3227-3228-3229		0830-1140				No Data
835	4/7/2010	*Site*	DM	RC, SC, PF,WM	D22	247	557510	3853405						4	6x8			3218		1310-1600				
836	4/7/2010	*Site*	DM	RC, SC, PF,WM	D22	246	557518	3853412									5			1310-1600				
837	4/7/2010	*Site*	DM	RC, SC, PF,WM	D22	248	557485	3853502									5			1310-1600				
838	4/7/2010	*Site*	DM	RC, SC, PF,WM	D22	249	557467	3853503									5			1310-1600				
676	4/13/2010	*Site*	DM	KH, WM, MT, NJ	D23	33	557875	3853281						2	4x8			3262		1130-1500				
677	4/13/2010	*Site*	DM	KH, WM, MT, NJ	D23	34	557804	3853437						2	6x18	old		3263		1130-1500				
678	4/13/2010	*Site*	DM	KH, WM, MT, NJ	D23	35	557770	3853362						1	6x18	1		3264		1130-1500				2 new scat.
679	4/13/2010	*Site*	DM	KH, WM, MT, NJ	D23	36	557741	3853371									3	3265		1130-1500				male 260mm carcass
680	4/13/2010	*Site*	DM	KH, WM, MT, NJ	D23	37	557671	3853608						3	5x7			3266		1130-1500				1 scat in burrow (old).
681	4/13/2010	*Site*	DM	KH, WM, MT, NJ	D23	38	557651	3853647									5	3267		1130-1500				
682	4/13/2010	*Site*	DM	KH, WM, MT, NJ	D23	39	557591	3853718									4	3268		1130-1500				male 210mm carcass
670	4/13/2010	*Site*	DM	KH, WM, MT, NJ	D24	27	558374	3853344	DT82	F	8.0			1	7x13			3256		0900-1135				
671	4/13/2010	*Site*	DM	KH, WM, MT, NJ	D24	28	558300	3853502						3	4x9			3257		0900-1135				
672	4/13/2010	*Site*	DM	KH, WM, MT, NJ	D24	29	558257	3853420						1	7x14			3258		0900-1135				1 or 2 scat in burrow.
673	4/13/2010	*Site*	DM	KH, WM, MT, NJ	D24	30	558255	3853584						3	5x11			3259		0900-1135				
674	4/13/2010	*Site*	DM	KH, WM, MT, NJ	D24	31	558220	3853574						2	6x8			3260		0900-1135				
675	4/13/2010	*Site*	DM	KH, WM, MT, NJ	D24	32	558008	3853688									5	3261		0900-1135				
636	4/13/2010	*Site*	RD	JBr, MBr, MB, JH, RC	D25	34	558542	3853231		F	10.0							118-119		0904-1200-1300	50/55/65	0/0/0	5-20/5-10/5-10	
637	4/13/2010	*Site*	RD	JBr, MBr, MB, JH, RC	D25	35	558591	3853480			10.0						3	120		0904-1200-1300	50/55/65	0/0/0	5-20/5-10/5-10	
638	4/13/2010	*Site*	RD	JBr, MBr, MB, JH, RC	D25	36	558586	3853568			10.5						3	121		0904-1200-1300	50/55/65	0/0/0	5-20/5-10/5-10	
639	4/13/2010	*Site*	RD	JBr, MBr, MB, JH, RC	D25	37	558702	3853420						2	12x8			122		0904-1200-1300	50/55/65	0/0/0	5-20/5-10/5-10	Older scat at entrance - #3 Scat.
640	4/13/2010	*Site*	RD	JBr, MBr, MB, JH, RC	D26	38	558886	3853674						2	5x10			123		1300-1550	65/70	0/0	5-10/5-10	
641	4/13/2010	*Site*	RD	JBr, MBr, MB, JH, RC	D26	39	559114	3853408									5	124		1300-1550	65/70	0/0	5-10/5-10	
642	4/13/2010	*Site*	RD	JBr, MBr, MB, JH, RC	D26	40	559119	3853543			11.0						5	125		1300-1550	65/70	0/0	5-10/5-10	
643	4/13/2010	*Site*	RD	JBr, MBr, MB, JH, RC	D26	41	559136	3853314			6.0							126		1300-1550	65/70	0/0	5-10/5-10	
644	4/13/2010	*Site*	RD	JBr, MBr, MB, JH, RC	D26	42	559137	3853314	DT84	unknown	6.0			1	3x6			127		1300-1550	65/70	0/0	5-10/5-10	
645	4/13/2010	*Site*	RD	JBr, MBr, MB, JH, RC	D26	43	559214	3853580	DT85	M	10.5							128		1300-1550	65/70	0/0	5-10/5-10	

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646	4/13/2010	*Site*	RD	JBr, MBr, MB, JH, RC	D26	44	559239	3853593						1	6x12					1300-1550	65/70	0/0	5-10/5-10	
647	4/9/2010	*Site*	JP	CK, Aba, LB, PW	E12	86	552810	3853084						3	8X12			973		0845-1120		0/0		0 4 scat found in cell E12
648	4/9/2010	*Site*	JP	CK, Aba, LB, PW	E12	87	552825	3853146						3	3X8			974		0845-1120		0/0		0
649	4/9/2010	*Site*	JP	CK, Aba, LB, PW	E13	89	553266	3853127	DT75	unknown	7.0							976		1120-		0/		0
650	4/9/2010	*Site*	JP	CK, Aba, LB, PW	E13	90	553270	3853101						1	6X9			977		1120-		0/		0
651	4/9/2010	*Site*	JP	CK, Aba, LB, PW	E13	91	553270	3853094						1	4X9			978		1120-		0/		0
652	4/9/2010	*Site*	JP	CK, Aba, LB, PW	E13	88	553038	3852973									5	975		1120-		0/		0
653	4/6/2010	*Site*	DP	RD, DS, JMc,TS	E17	9	555004	3853098	DT33	?	9.0			1	6x10			68-72		0839-1110	56-66	2/0	5-6/5-8	tortoise in burrow; rear marginal scute and fron margins chipped or gnawed on
654	4/6/2010	*Site*	DP	RD, DS, JMc,TS	E17	16	555203	3853231		?				3	8x16			96-98		0839-1110	56-66	2/0	5-6/5-8	photos 92-95 of juvenile DETO on cell D17
655	4/6/2010	*Site*	DP	RD, DS, JMc,TS	E17	6	554945	3852910						3	4x8			61-62		0839-1110	56-66	2/0	5-6/5-8	
656	4/6/2010	*Site*	DP	RD, DS, JMc,TS	E17	7	554965	3852885						3	8x12			63-64		0839-1110	56-66	2/0	5-6/5-8	
657	4/6/2010	*Site*	DP	RD, DS, JMc,TS	E17	8	554979	3853049						3	7x10		2	65-67		0839-1110	56-66	2/0	5-6/5-8	
658	4/6/2010	*Site*	DP	RD, DS, JMc,TS	E17	10	555066	3852995						3	6x12			73-75		0839-1110	56-66	2/0	5-6/5-8	
659	4/6/2010	*Site*	DP	RD, DS, JMc,TS	E17	11	555051	3853189						3	7x10			76-78		0839-1110	56-66	2/0	5-6/5-8	
660	4/6/2010	*Site*	DP	RD, DS, JMc,TS	E17	12	555076	3853216						3	5x10			79-81		0839-1110	56-66	2/0	5-6/5-8	
661	4/6/2010	*Site*	DP	RD, DS, JMc,TS	E17	13	555087	3852956						3	4x10			82-84		0839-1110	56-66	2/0	5-6/5-8	
662	4/6/2010	*Site*	DP	RD, DS, JMc,TS	E17	14	555147	3853046						3	6x16			85-88		0839-1110	56-66	2/0	5-6/5-8	
663	4/6/2010	*Site*	DP	RD, DS, JMc,TS	E17	15	555138	3853218						3	7x14			89-91		0839-1110	56-66	2/0	5-6/5-8	
664	4/6/2010	*Site*	DP	RD, DS, JMc,TS	E17	17	555197	3853150						3	5x8			99-101		0839-1110	56-66	2/0	5-6/5-8	
665	4/6/2010	*Site*	DP	RD, DS, JMc,TS	E17	18	555197	3853136						3	4x11			102-103		0839-1110	56-66	2/0	5-6/5-8	
666	4/6/2010	*Site*	DP	RD, DS, JMc,TS	E17	19	555234	3852934						3	8x18			104-105		0839-1110	56-66	2/0	5-6/5-8	
667	4/6/2010	*Site*	DP	RD, DS, JMc,TS	E17	20	555232	3853174						3	4x8			106-107		0839-1110	56-66	2/0	5-6/5-8	
668	4/6/2010	*Site*	DP	RD, DS, JMc,TS	E18	23	555546	3852992						2	3x5			111-113		1058-1356	66-71	0/0	5-8/8-10	
669	4/6/2010	*Site*	DP	RD, DS, JMc,TS	E18	21	555388	3853249						3	5x9			108-110		1058-1356	66-71	0/0	5-8/8-10	
670	4/6/2010	*Site*	DP	RD, DS, JMc,TS	E18	24	555606	3852974						3	4.5x9			114-115		1058-1356	66-71	0/0	5-8/8-10	
671	4/6/2010	*Site*	DP	RD, DS, JMc,TS	E19	27	555867	3853266						1	6x12			125-127		1400-1600	71-75	0/0	8-10/8-10	
672	4/6/2010	*Site*	DP	RD, DS, JMc,TS	E19	30	555906	3852941						1	5.5x11		2	134-136		1400-1600	71-75	0/0	8-10/8-10	
673	4/6/2010	*Site*	DP	RD, DS, JMc,TS	E19	25	555748	3852956						2	4.5x8.5		3	120		1600	71-75	0/0	8-10/8-10	
674	4/6/2010	*Site*	DP	RD, DS, JMc,TS	E19	29	555924	3853061						2	4x9			131-133		1400-1600	71-75	0/0	8-10/8-10	
675	4/6/2010	*Site*	DP	RD, DS, JMc,TS	E19	31	556099	3852818						2	4.5x9		3	139		1600	71-75	0/0	8-10/8-10	
676	4/6/2010	*Site*	DP	RD, DS, JMc,TS	E19	32	556113	3853128						2	5x8		3	140-		1400-1600	71-75	0/0	8-10/8-10	
677	4/6/2010	*Site*	DP	RD, DS, JMc,TS	E19	26	555838	3853181						3	5x18			122-124		1400-1600	71-75	0/0	8-10/8-10	
678	4/6/2010	*Site*	DP	RD, DS, JMc,TS	E19	28	555889	3853249						3	5x9			130		1600	71-75	0/0	8-10/8-10	
679	4/7/2010	*Site*	DP	RD, DS, JMc,TS	E20	60	556252	3852877	DT47	F	8.0							242-248		1414-1615	72-73	0/0	0-8/0-5	small female tortoise foraging next to road
680	4/7/2010	*Site*	DP	RD, DS, JMc,TS	E20	56	556428	3853063	DT46	M	11.0							233		1615	72-73	0/0	0-8/0-5	damage to forearms and margin of
681	4/7/2010	*Site*	DP	RD, DS, JMc,TS	E20	53	556505	3853196						1	8x12			223		1615	72-73	0/0	0-8/0-5	
682	4/7/2010	*Site*	DP	RD, DS, JMc,TS	E20	59	556322	3853012						2	6x11			239-241		1414-1615	72-73	0/0	0-8/0-5	
683	4/7/2010	*Site*	DP	RD, DS, JMc,TS	E20	50	556609	3853244						3	5x8			212-214		1414-1615	72-73	0/0	0-8/0-5	
684	4/7/2010	*Site*	DP	RD, DS, JMc,TS	E20	51	556524	3852928						3	5x11			216-218		1414-1615	72-73	0/0	0-8/0-5	

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685	4/7/2010	*Site*	DP	RD, DS, JMc,TS	E20	52	556544	3853123						3	6x8			219-221		1414-1615	72-73	0/0	0-8/0-5	
686	4/7/2010	*Site*	DP	RD, DS, JMc,TS	E20	54	556517	3852991						3	3.5x8			224-226		1414-1615	72-73	0/0	0-8/0-5	
687	4/7/2010	*Site*	DP	RD, DS, JMc,TS	E20	55	556431	3852792						3	4x9			227-228		1414-1615	72-73	0/0	0-8/0-5	
688	4/7/2010	*Site*	DP	RD, DS, JMc,TS	E20	57	556327	3853161						3	3x8			234-236		1414-1615	72-73	0/0	0-8/0-5	
689	4/7/2010	*Site*	DP	RD, DS, JMc,TS	E20	58	556315	3853146						3	3.5x10			237-238		1414-1615	72-73	0/0	0-8/0-5	
690	4/7/2010	*Site*	DP	RD, DS, JMc,TS	E21	47	556751	3853100	DT45	M	10.0							200-205		1118-1315	69-71	0/0	5-10/5-10	tortoise out basking
691	4/7/2010	*Site*	DP	RD, DS, JMc,TS	E21	44	556990	3852794						1	6x12			190-193		1118-1315	69-71	0/0	5-10/5-10	
692	4/7/2010	*Site*	DP	RD, DS, JMc,TS	E21	46	556755	3853110						1	6x12			197-199		1118-1315	69-71	0/0	5-10/5-10	
693	4/7/2010	*Site*	DP	RD, DS, JMc,TS	E21	48	556721	3853003						1	5x11			206-208		1118-1315	69-71	0/0	5-10/5-10	
694	4/7/2010	*Site*	DP	RD, DS, JMc,TS	E21	45	556760	3852809						3	4.5x7			194-196		1118-1315	69-71	0/0	5-10/5-10	
695	4/7/2010	*Site*	DP	RD, DS, JMc,TS	E21	49	556646	3853160						3	4x7.5			209-211		1118-1315	69-71	0/0	5-10/5-10	
696	4/7/2010	*Site*	DP	RD, DS, JMc,TS	E21	43	556979	3853124									5	87-189		1118-1315	69-71	0/0	5-10/5-10	
697	4/7/2010	*Site*	DP	RD, DS, JMc,TS	E22	34	557386	3852938	DT42	F	7.0			1	3x8			146-151		0856-1114	57-69	0/0	0-3/5-10	tortoise basking at shelter; foraging
698	4/7/2010	*Site*	DP	RD, DS, JMc,TS	E22	40	557094	3853058	DT43	F	10.5			1	6x12			167-172		0856-1114	57-69	0/0	0-3/5-10	tortoise in shallow pallet; scute sinknig, damage to gular and carpace margins
699	4/7/2010	*Site*	DP	RD, DS, JMc,TS	E22	41	557089	3853066	DT44	M	10.0			1	6x10			173-178		0856-1114	57-69	0/0	0-3/5-10	tortoise in burrow, head first under pencil cholla
700	4/7/2010	*Site*	DP	RD, DS, JMc,TS	E22	35	557275	3852906						2	6x11			152-154		0856-1114	57-69	0/0	0-3/5-10	
701	4/7/2010	*Site*	DP	RD, DS, JMc,TS	E22	36	557291	3852907						2	5x10			155-157		0856-1114	57-69	0/0	0-3/5-10	
702	4/7/2010	*Site*	DP	RD, DS, JMc,TS	E22	37	557269	3853043						2	5x10			158-160		0856-1114	57-69	0/0	0-3/5-10	
703	4/7/2010	*Site*	DP	RD, DS, JMc,TS	E22	38	557272	3853139						2	5x11			161-163		0856-1114	57-69	0/0	0-3/5-10	
704	4/7/2010	*Site*	DP	RD, DS, JMc,TS	E22	33	557379	3852986						3	4x8.5			143-145		0856-1114	57-69	0/0	0-3/5-10	
705	4/7/2010	*Site*	DP	RD, DS, JMc,TS	E22	39	557204	3853160						3	5.5x10			164-166		0856-1114	57-69	0/0	0-3/5-10	
706	4/7/2010	*Site*	DP	RD, DS, JMc,TS	E22	42	557104	3853056						3	5x10			179-182		0856-1114	57-69	0/0	0-3/5-10	
707	4/7/2010	*Site*	JP	CK, Aba, PW, LB	E23	42	557564	3852853	DT53	unknown	7.75			1	5x11			927		0921-1258	59/63	0/0	1-3/1-3	tortoise no data sheet
708	4/7/2010	*Site*	JP	CK, Aba, PW, LB	E23	40	558633	3852661	X	unknown	adult			1						1351	80	0	4-7	tortoise in burrow in F25 adult; no data sheet
709	4/7/2010	*Site*	JP	CK, Aba, PW, LB	E23	47	557632	3852808						1	5x10			932		0921-1258	59/63	0/0	1-3/1-3	
710	4/7/2010	*Site*	JP	CK, Aba, PW, LB	E23	57	557796	3853084						1	5x10			943		0921-1258	59/63	0/0	1-3/1-3	
711	4/7/2010	*Site*	JP	CK, Aba, PW, LB	E23	58	557813	3852928						1	5x11			944		0921-1258	59/63	0/0	1-3/1-3	
712	4/7/2010	*Site*	JP	CK, Aba, PW, LB	E23	44	557592	3853152						2	4x9		5	928-929		0921-1258	59/63	0/0	1-3/1-3	
713	4/7/2010	*Site*	JP	CK, Aba, PW, LB	E23	53	557705	3852933						2	4x8			939		0921-1258	59/63	0/0	1-3/1-3	
714	4/7/2010	*Site*	JP	CK, Aba, PW, LB	E23	46	557604	3852873						3	4x9			931		0921-1258	59/63	0/0	1-3/1-3	
715	4/7/2010	*Site*	JP	CK, Aba, PW, LB	E23	50	557647	3852902						3	3x8			936		0921-1258	59/63	0/0	1-3/1-3	
716	4/7/2010	*Site*	JP	CK, Aba, PW, LB	E23	51	557666	3852913						3	5x12			937		0921-1258	59/63	0/0	1-3/1-3	
717	4/7/2010	*Site*	JP	CK, Aba, PW, LB	E23	52	557665	3853037						3	5x8			938		0921-1258	59/63	0/0	1-3/1-3	
718	4/7/2010	*Site*	JP	CK, Aba, PW, LB	E23	49	557640	3852885			8.5						4	935		0921-1258	59/63	0/0	1-3/1-3	
719	4/7/2010	*Site*	JP	CK, Aba, PW, LB	E23	41	557556	3852858												1351	80	0	4-7	eggshell fragments
720	4/7/2010	*Site*	JP	CK, Aba, PW, LB	E23	43	557600	3853224												0921-1258	59/63	0/0	1-3/1-3	mating ring
721	4/7/2010	*Site*	JP	CK, Aba, PW, LB	E23	45	557573	3853132									5	930		0921-1258	59/63	0/0	1-3/1-3	

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722	4/7/2010	*Site*	JP	CK, Aba, PW, LB	E23	48	557608	3852867			7.0						3	934		0921-1258	59/63	0/0	1-3/1-3	
723	4/7/2010	*Site*	JP	CK, Aba, PW, LB	E23	54	557722	3852805									5	940		0921-1258	59/63	0/0	1-3/1-3	
724	4/7/2010	*Site*	JP	CK, Aba, PW, LB	E23	55	557718	3853007									5	941		0921-1258	59/63	0/0	1-3/1-3	
725	4/7/2010	*Site*	JP	CK, Aba, PW, LB	E23	56	557732	3853153									5	942		0921-1258	59/63	0/0	1-3/1-3	
726	4/7/2010	*Site*	JP	CK, Aba, PW, LB	E24	59	557975	3852970	DT54	F	9.75		G					945		0921-1258	59/63	0/0	1-3/1-3	tortoise out walking
727	4/7/2010	*Site*	JP	CK, Aba, PW, LB	E24	62	558079	3853164	DT52	unknown	unknown			1	6x14			948		0921-1258	59/63	0/0	1-3/1-3	tortoise in burrow; ran in before getting measurements
728	4/7/2010	*Site*	JP	CK, Aba, PW, LB	E24	60	558036	3852884						1	8x15			946		0921-1258	59/63	0/0	1-3/1-3	
729	4/7/2010	*Site*	JP	CK, Aba, PW, LB	E24	61	558015	3852910						1	6x13			947		0921-1258	59/63	0/0	1-3/1-3	
730	4/7/2010	*Site*	JP	CK, Aba, PW, LB	E24	64	558138	3853164						1	6x13			950		0921-1258	59/63	0/0	1-3/1-3	
731	4/7/2010	*Site*	JP	CK, Aba, PW, LB	E24	65	558169	3852893						1	5x10			951		0921-1258	59/63	0/0	1-3/1-3	
732	4/7/2010	*Site*	JP	CK, Aba, PW, LB	E24	67	558382	3852763						1	6x9			953		0921-1258	59/63	0/0	1-3/1-3	
733	4/7/2010	*Site*	JP	CK, Aba, PW, LB	E24	63	558155	3852952						3	6x9			949		0921-1258	59/63	0/0	1-3/1-3	
734	4/7/2010	*Site*	JP	CK, Aba, PW, LB	E24	66	558268	3852910			7.0						3	952		0921-1258	59/63	0/0	1-3/1-3	
735	4/8/2010	*Site*	SA	CS, DC, MT	E25	*100*	558480	3852919						1	7X12			4475		900-1210	66/79		1-3/1-3	Tortoise scats in burrow
736	4/8/2010	*Site*	SA	CS, DC, MT	E25	*103*	558572	3853167						1	5X8			4482-4484		900-1210	66/79		1-3/1-3	16m DT 102
737	4/8/2010	*Site*	SA	CS, DC, MT	E25	*107*	558678	3852841						1	6X8			4488-4489		900-1210	66/79		1-3/1-3	
738	4/8/2010	*Site*	SA	CS, DC, MT	E25	*108*	558680	3853112						1	7X14			4490		900-1210	66/79		1-3/1-3	Tracks
739	4/8/2010	*Site*	SA	CS, DC, MT	E25	*101*	558528	3853172						2				4476		900-1210	66/79		1-3/1-3	
740	4/8/2010	*Site*	SA	CS, DC, MT	E25	*104*	558562	3853134						2	5X8			4485		900-1210	66/79		1-3/1-3	
741	4/8/2010	*Site*	SA	CS, DC, MT	E25	*109*	558764	3852814						2	8X20			4491		900-1210	66/79		1-3/1-3	Burrow inside
742	4/8/2010	*Site*	SA	CS, DC, MT	E25	*106*	558596	3852913				280				3		4487		900-1210	66/79		1-3/1-3	
743	4/8/2010	*Site*	SA	CS, DC, MT	E25	*098*	558448	3852816								5		4473		900-1210	66/79		1-3/1-3	
744	4/8/2010	*Site*	SA	CS, DC, MT	E25	*099*	558483	3853187							8X20	2		4474		900-1210	66/79		1-3/1-3	Egg shells outside burrow 1
745	4/8/2010	*Site*	SA	CS, DC, MT	E25	*102*	558568	3853172	DT60	F		210						4477-4481		900-1210	66/79		1-3/1-3	Some predation evident in rear marginals, scutes slightly sunken. Nose and eyes are clear. Recently feeding
746	4/8/2010	*Site*	SA	CS, DC, MT	E25	*105*	558541	3852896	DT83	M				2	5X8	3		4486		900-1210	66/79		1-3/1-3	
747	4/8/2010	*Site*	SA	CS, DC, MT	E26	*111*	558974	3853000						2	6X11			4298		1338-1625	78/82		0-9/1-3	
748	4/8/2010	*Site*	SA	CS, DC, MT	E26	*114*	559035	3853021						2	7X15			4301		1338-1625	78/82		0-9/1-3	Scats and tracks
749	4/8/2010	*Site*	SA	CS, DC, MT	E26	*112*	558947	3852706						3	5X9			4299		1338-1625	78/82		0-9/1-3	Collapsed entrance by rock entrance
750	4/8/2010	*Site*	SA	CS, DC, MT	E26	*113*	558978	3850787				240				3		4300		1338-1625	78/82		0-9/1-3	
751	4/8/2010	*Site*	SA	CS, DC, MT	E26	*115*	559125	3852825								5		4302		1338-1625	78/82		0-9/1-3	
752	4/8/2010	*Site*	SA	CS, DC, MT	E26	*116*	559261	3853217										4303-4304		1338-1625	78/82		0-9/1-3	
753	4/8/2010	*Site*	SA	CS, DC, MT	E26	*118*	559261	3852991				260						4302-4305		1338-1625	78/82		0-9/1-3	Next to each other, didn't get close enough to vertify sex or size.
754	4/8/2010	*Site*	SA	CS, DC, MT	E26	*118*	559758	3852991	DT62	F		260												
755	4/8/2010	*Site*	SA	CS, DC, MT	E26	*117*	559259	3852992	DT61	M		300						4302-4305		1338-1625	78/82		0-9/1-3	Neat to each other, didn't get close enough to vertify sex or size.
756	4/8/2010	*Site*	SA	CS, DC, MT	E26	*110*	558931	3853004	DT63	M		240						4293-4297		1338-1625	78/82		0-9/1-3	
756	4/9/2010	*Site*	SA	CS, DC, MT	E26	*123*	559424	3852947	DT71	M		220						4517-4521		0838-1145	65/82		0-1/0-2	

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757	4/9/2010	*Site*	RB		E27	*119*	559496	3852854	DT59	M		300	N					4308-4313		0838-1145	65/82		0-1/0-2	Eyes sunken, scute anomalies, irregular growth on marginals
758	4/9/2010	*Site*	RB		E27	*122*	559459	3852776						1	150X300			4516		0838-1145	65/82		0-1/0-2	
759	4/9/2010	*Site*	RB		E27	*121*	559667	3852817						2	8X16			4515		0838-1145	65/82		0-1/0-2	In bleach at wash
760	4/9/2010	*Site*	RB		E27	*125*	559366	3852852						2	6X10			4529		0838-1145	65/82		0-1/0-2	
761	4/9/2010	*Site*	RB		E27	*120*	559687	3853240		?				1	7X13			4514		0838-1145	65/82		0-1/0-2	Larger burrow with tortoise
762	4/9/2010	*Site*	SA	CS, DC, MT	E27	*124*	559401	3853188	DT70	F		270	Negative					4522-4528		0838-1145	65/82		0-1/0-2	Eyes swollen, breathing labored, mouth rot, shell looks good
763	4/8/2010	*Site*	RB	MB, JB, NJ, HB	F12	*007*	0556272	3854395				9					5	081-083		1330-1620	78/80		5-10/5-10	Carcass scattered in wash.
764	4/9/2010	*Site*	RB	MB, JB, NJ, HB	F12	*108*	0552564	3852483						5				2276		0859-1040			0-5/0-5	
765	4/9/2010	*Site*	RB	MB, JB, NJ, HB	F13															1043-1145			0-5/0-5	No Data
766	4/1/2010	*Site*	SA	GB, RBo, CK, SC	F17		NO DATA													845-1005	50/58	20/5	3-6/3-6	
767	4/1/2010	*Site*	SA	GB, RBo, CK, SC	F18	*018*	555680	3852350						5	8x10			4360		10:10-12:10	58/60	5/1-2	4-7/3-5	
768	4/1/2010	*Site*	SA	GB, RBo, CK, SC	F18	*017*	555586	3852721	DT6	M		8.0						4355-4359		10:10-12:10	58/60	5/1-2	4-7/3-5	shell trama (chewing), apprx 30' from main dirt road
769	4/1/2010	*Site*	SA	GB, RBo, CK, SC	F18	*016*	555394	3852734						2	8x16			4354		10:10-12:10	58/60	5/1-2	4-7/3-5	
770	4/1/2010	*Site*	SA	GB, RBo, CK, SC	F19	*019*	556157	3852457						3	4x8			4361		1:20-3:05	66/68	5/2	5-10/3-8	entrance dug out, still usable
771	4/2/2010	*Site*	SA	SC, CS, RBo, GB	F20	*021*	556330	3852684	DT20	unknown		8.0		G						0827-1106	52/64	10/5	5-8	DT in burrow
772	4/2/2010	*Site*	SA	SC, CS, RBo, GB	F20	*027*	556490	3852448	DT21	unknown		unknown		1	8x15			n/a		0827-1106	52/64	10/5	5-8	DT in burrow, went deeper in before pics could be taken
773	4/2/2010	*Site*	SA	SC, CS, RBo, GB	F20	*022*	556330	3852684						1	7x14			4367		0827-1106	52/64	10/5	5-8	
774	4/2/2010	*Site*	SA	SC, CS, RBo, GB	F20	*028*	556490	3852448						1	8x5			4372-4373		0827-1106	52/64	10/5	5-8	
775	4/2/2010	*Site*	SA	SC, CS, RBo, GB	F20	*023*	556328	3852598						2	4x8			4368		0827-1106	52/64	10/5	5-8	
776	4/2/2010	*Site*	SA	SC, CS, RBo, GB	F20	*024*	556354	3852358						2	6x10					0827-1106	52/64	10/5	5-8	Possible tracks
777	4/2/2010	*Site*	SA	SC, CS, RBo, GB	F20	*025*	556405	3852453						2	6x10			4370		0827-1106	52/64	10/5	5-8	
778	4/2/2010	*Site*	SA	SC, CS, RBo, GB	F20	*030*	556526	3852456						2	7x14			4375		0827-1106	52/64	10/5	5-8	
779	4/2/2010	*Site*	SA	SC, CS, RBo, GB	F20	*020*	556270	3852476						3	6x16			4362		0827-1106	52/64	10/5	5-8	Collapsed entrance, but open
780	4/2/2010	*Site*	SA	SC, CS, RBo, GB	F20	*026*	556429	3852791						3	6x10			4371		0827-1106	52/64	10/5	5-8	Entrance collapsed, but useable, Vegetation growing in entrance.
781	4/2/2010	*Site*	SA	SC, CS, RBo, GB	F20	*029*	556552	3852567						3	6x10			4374		0827-1106	52/64	10/5	5-8	
782	4/2/2010	*Site*	SA	SC, CS, RBo, GB	F20	*031*	556543	3852403						3	6x12			4376		0827-1106	52/64	10/5	5-8	Burrow a little beat up
783	4/2/2010	*Site*	SA	SC, CS, RBo, GB	F20	*032*	556517	3852359						3	4x8			4377		0827-1106	52/64	10/5	5-8	small burrow, path filled in with dirt
784	4/2/2010	*Site*	SA	SC, CS, RBo, GB	F20	*033*	556585	3852546						3	6x14			4372		0827-1106	52/64	10/5	5-8	
785	4/2/2010	*Site*	SA	SC, CS, RBo, GB	F20	*034*	556650	3852788												0827-1106	52/64	10/5	5-8	DT egg remains
786	4/2/2010	*Site*	SA	SC, CS, RBo, GB	F21	*035*	556658	3852717	DT19	F		8.0	190.0					4380-4384		1127-1233	70/70	2/4	1-3/3-5	found 20 ft from burrow, looks healthy
787	4/2/2010	*Site*	SA	SC, CS, RBo, GB	F21	*036*	556661	3852717						1	5x9			4385		1127-1233	70/70	2/4	1-3/3-5	1 due to proximity of DT19
788	4/2/2010	*Site*	SA	SC, CS, RBo, GB	F21	*037*	556687	3852528						2	8x16			4386		1127-1233	70/70	2/4	1-3/3-5	old, weathering
789	4/2/2010	*Site*	SA	SC, CS, RBo, GB	F21	*038*	556708	3852673						3	6x10			4387		1127-1233	70/70	2/4	1-3/3-5	side of wash, entrance blocked by crumbly cobbles
790	4/2/2010	*Site*	SA	SC, CS, RBo, GB	F21	*039*	556796	3852596						3	7x10			4388		1127-1233	70/70	2/4	1-3/3-5	etrance filled in with sand
791	4/2/2010	*Site*	SA	SC, CS, RBo, GB	F21	*040*	556804	3852776									3	4390		1233	70/70	2/4	1-3/3-5	flesh inside (dried)
793	4/2/2010	*Site*	JB	PW, BN, TS	F22	*020*	557405	3852679	DT14	M		220.0	G	1	18x24					0830-1030	47/55	10/15	0-5/0-8	tracks inside burrow, tortoise basking
794	4/2/2010	*Site*	JB	PW, BN, TS	F22	*023*	557335	3852404	DT16	M		250.0	G	2	12x18			3		0830-1030	47/55	10/15	0-5/0-8	live tortoise

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795	4/2/2010	*Site*	JB	PW, BN, TS	F22	*024*	557315	3852541	DT17	M		235.0	G	2	4x6			4		0830-1030	47/55	10/15	0-5/0-8	live tortoise
796	4/2/2010	*Site*	JB	PW, BN, TS	F22	*025*	557295	3852533	DT18	unk	16.0	150.0	G					3		0830-1030	47/55	10/15	0-5/0-8	
797	4/2/2010	*Site*	JB	PW, BN, TS	F22	*022*	557373	3852478	DT15	unknown		185.0	G	2	10x12			3		0830-1030	47/55	10/15	0-5/0-8	live tortoise
798	4/2/2010	*Site*	JB	PW, BN, TS	F22	*029*	557072	3852716			18.0			1	8x16			3		0830-1030	47/55	10/15	0-5/0-8	
799	4/2/2010	*Site*	JB	PW, BN, TS	F22	*030*	556991	3852789						1	8x18					0830-1030	47/55	10/15	0-5/0-8	
800	4/2/2010	*Site*	JB	PW, BN, TS	F22	*017*	557494	3852480						2	18x20					0830-1030	47/55	10/15	0-5/0-8	scat, but can't tell if its recent because it's inside the burrow
801	4/2/2010	*Site*	JB	PW, BN, TS	F22	*018*	557454	3852652						2	2x3					0830-1030	47/55	10/15	0-5/0-8	juvenile burrow
802	4/2/2010	*Site*	JB	PW, BN, TS	F22	*019*	557414	3852661						2	4x8					0830-1030	47/55	10/15	0-5/0-8	
803	4/2/2010	*Site*	JB	PW, BN, TS	F22	*021*	557370	3852696						2	4x8					0830-1030	47/55	10/15	0-5/0-8	
804	4/2/2010	*Site*	JB	PW, BN, TS	F22	*028*	557261	3852639						2	5x10					0830-1030	47/55	10/15	0-5/0-8	
805	4/2/2010	*Site*	JB	PW, BN, TS	F22	*031*	556863	3852528						2	7x12					0830-1030	47/55	10/15	0-5/0-8	
806	4/2/2010	*Site*	JB	PW, BN, TS	F22	*026*	557293	3852482						3	3x9					0830-1030	47/55	10/15	0-5/0-8	opens on two sides
807	4/2/2010	*Site*	JB	PW, BN, TS	F22	*027*	557281	3852475												0830-1030	47/55	10/15	0-5/0-8	
808	4/6/2010	*Site*	JP	CK, Aba, LB	F23	24	557910	3852674	DT29	M	11.0		G					793		0830-1230	56/78	0/0	4-7/4-7	male and female found mating
809	4/6/2010	*Site*	JP	CK, Aba, LB	F23	16	557569	3852683						1	17x12			785		0830-1230	56/78	0/0	4-7/4-7	
810	4/6/2010	*Site*	JP	CK, Aba, LB	F23	17	557600	3852756						1	9x15			786		0830-1230	56/78	0/0	4-7/4-7	
811	4/6/2010	*Site*	JP	CK, Aba, LB	F23	18	557604	3852759						1	7x13			787		0830-1230	56/78	0/0	4-7/4-7	
812	4/6/2010	*Site*	JP	CK, Aba, LB	F23	19	557604	3852768						1	9x23			788		0830-1230	56/78	0/0	4-7/4-7	
813	4/6/2010	*Site*	JP	CK, Aba, LB	F23	20	557716	3852619						1	6x11			789		0830-1230	56/78	0/0	4-7/4-7	
814	4/6/2010	*Site*	JP	CK, Aba, LB	F23	21	557681	3852744						1	6x12			790		0830-1230	56/78	0/0	4-7/4-7	
815	4/6/2010	*Site*	JP	CK, Aba, LB	F23	25	557911	3852684						1	6x13			797		0830-1230	56/78	0/0	4-7/4-7	
816	4/6/2010	*Site*	JP	CK, Aba, LB	F23	26	557899	3852534						1	6x12			798		0830-1230	56/78	0/0	4-7/4-7	
817	4/6/2010	*Site*	JP	CK, Aba, LB	F23	23	557750	3852372						3	5x11			792		0830-1230	56/78	0/0	4-7/4-7	
818	4/6/2010	*Site*	JP	CK, Aba, LB	F23	27	557988	3852654						3	7x13			799		0830-1230	56/78	0/0	4-7/4-7	
819	4/6/2010	*Site*	JP	CK, Aba, LB	F23	22	557741	3852571			8.25						3	791		0830-1230	56/78	0/0	4-7/4-7	
820					F23	24	557910	3852674	DT30	F	9.5		G					794-796		0830-1230	56/78	0/0	4-7/4-7	male and female found mating
821	4/6/2010	*Site*	JP	CK, Aba, LB	F24	32	558231	3852416	DT31	F	8.75		G					804		1351	80	0	4-7	tortoise foraging
822	4/6/2010	*Site*	JP	CK, Aba, LB	F24	28	558036	3852370						1	2x5			800		1351	80	0	4-7	scat (5), broken egg shell near location #13
823	4/6/2010	*Site*	JP	CK, Aba, LB	F24	33	558252	3852343						1	7x11			805		1351	80	0	4-7	
824	4/6/2010	*Site*	JP	CK, Aba, LB	F24	34	558238	3852381						1	5x9			806		1351	80	0	4-7	
825	4/6/2010	*Site*	JP	CK, Aba, LB	F24	35	558324	3852335						1	6x11			807		1351	80	0	4-7	
826	4/6/2010	*Site*	JP	CK, Aba, LB	F24	36	558380	3852761						1	6x11			808		1351	80	0	4-7	
827	4/6/2010	*Site*	JP	CK, Aba, LB	F24	37	558378	3852517						1	6x12			809		1351	80	0	4-7	
828	4/6/2010	*Site*	JP	CK, Aba, LB	F24	29	558001	3852392						3	6x10			801		1351	80	0	4-7	
829	4/6/2010	*Site*	JP	CK, Aba, LB	F24	31	558152	3852366						3	7x14			803		1351	80	0	4-7	
830	4/6/2010	*Site*	JP	CK, Aba, LB	F24	38	558380	3852367						3	6x11			810		1351	80	0	4-7	
831	4/6/2010	*Site*	JP	CK, Aba, LB	F24	39	558389	3852318						3	5x9			811		1351	80	0	4-7	
832	4/6/2010	*Site*	JP	CK, Aba, LB	F24	30	558039	3852433									5	802		1351	80	0	4-7	
833	4/6/2010	*Site*	SA	CS, DC, MT	F25	72	558528	3852426						1	6x10			4436		1305-1552	68-70	0/0	3-6/2-5	looks active, can't see back but tracks present
834	4/6/2010	*Site*	SA	CS, DC, MT	F25	78	558495	3852353						1	7x10			4444		1305-1552	68-70	0/0	3-6/2-5	nice burrow, possibly occupied, CS heard rustling but not repeated
835	4/6/2010	*Site*	SA	CS, DC, MT	F25	66	558815	3852416						2	6x10			4426		1305-1552	68-70	0/0	3-6/2-5	
836	4/6/2010	*Site*	SA	CS, DC, MT	F25	67	558845	3852482						3	6x10			4427		1305-1552	68-70	0/0	3-6/2-5	

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837	4/6/2010	*Site*	SA	CS, DC, MT	F25	70	558649	3852482						3	6x13					1305-1552	68-70	0/0	3-6/2-5	collapsed entrance
838	4/6/2010	*Site*	SA	CS, DC, MT	F25	74	558519	3852468						3	6x10			4439		1305-1552	68-70	0/0	3-6/2-5	entrance collapsed, burrow filled in
839	4/6/2010	*Site*	SA	CS, DC, MT	F25	77	558482	3852440						3	6x10			4443		1305-1552	68-70	0/0	3-6/2-5	
840	4/6/2010	*Site*	SA	CS, DC, MT	F25	79	558426	3852681						3	8x14			4446		1305-1552	68-70	0/0	3-6/2-5	collapsed after 1ft
841	4/6/2010	*Site*	SA	CS, DC, MT	F25	71	558546	3852403				260.0					3	4435		1305-1552	68-70	0/0	3-6/2-5	
842	4/6/2010	*Site*	SA	CS, DC, MT	F25	73	558536	3852451				200.0					2	4437-4438		1305-1552	68-70	0/0	3-6/2-5	carcass intact, deformation in front w/fang marks
843	4/6/2010	*Site*	SA	CS, DC, MT	F25	68	558846	3852609									5	4428		1305-1552	68-70	0/0	3-6/2-5	
844	4/6/2010	*Site*	SA	CS, DC, MT	F25	69	558787	3852554									2	4433-4434		1305-1552	68-70	0/0	3-6/2-5	3" juvenile to raven predation
845	4/6/2010	*Site*	SA	CS, DC, MT	F25	75	558536	3852552									3	4440		1305-1552	68-70	0/0	3-6/2-5	
846	4/6/2010	*Site*	SA	CS, DC, MT	F25	76	558479	3852447									5	4442		1305-1552	68-70	0/0	3-6/2-5	
847	4/7/2010	*Site*	SA	CS, DC, MT	F27, F26	86	559458	3852450	DT40	F		250mm		1	7x12			4452-4456		0845-1438	60/70	0/0	1-3/2-4	burrow found 10m east under creosote; tortoise appears old, scutes sinking, some predation evident on rear marginals. Eyes and nose not visible.
848	4/7/2010	*Site*	SA	CS, DC, MT	F27, F26	92	559015	3852454	DT41	unknown	300mm							4462-4467		0845-1438	60/70	0/0	1-3/2-4	DT found after searching for it, abt 70m north of double burrows (90 and 91). Scutes in good condition but slightly sunken
849	4/7/2010	*Site*	SA	CS, DC, MT	F27, F26	81	559092	3852588						1	7x12			4447		0845-1438	60/70	0/0	1-3/2-4	nice burrow with tracks, some shell fragments about 8 ft SE of burrow under larrea
850	4/7/2010	*Site*	SA	CS, DC, MT	F27, F26	87	559467	3852445						1	7x12			4457		0845-1438	60/70	0/0	1-3/2-4	
851	4/7/2010	*Site*	SA	CS, DC, MT	F27, F26	91	558993	3852394						1	6x12			4461		0845-1438	60/70	0/0	1-3/2-4	
852	4/7/2010	*Site*	SA	CS, DC, MT	F27, F26	82	558931	3852574						2	6x10			4448		0845-1438	60/70	0/0	1-3/2-4	
853	4/7/2010	*Site*	SA	CS, DC, MT	F27, F26	84	559008	3852519						2	6x10			4450		0845-1438	60/70	0/0	1-3/2-4	
854	4/7/2010	*Site*	SA	CS, DC, MT	F27, F26	89	559033	3852430						2	5x8			4459		0845-1438	60/70	0/0	1-3/2-4	
855	4/7/2010	*Site*	SA	CS, DC, MT	F27, F26	90	558994	3852395						2	6x10			4460		0845-1438	60/70	0/0	1-3/2-4	
856	4/7/2010	*Site*	SA	CS, DC, MT	F27, F26	80	559353	3852628						3	6X8			4446		0845-1438	60/70	0/0	1-3/2-4	
857	4/7/2010	*Site*	SA	CS, DC, MT	F27, F26	85	559206	3852457						3	8x10			4451		0845-1438	60/70	0/0	1-3/2-4	Entrance collapsed/dug out, some eggshell fragments present
858	4/7/2010	*Site*	SA	CS, DC, MT	F27, F26	83	559145	3852518									5	4449		0845-1438	60/70	0/0	1-3/2-4	
859	4/7/2010	*Site*	SA	CS, DC, MT	F27, F26	88	559146	3852419				200m					3	4458		0845-1438	60/70	0/0	1-3/2-4	
860	4/7/2010	*Site*	SA	CS, DC, MT	F27, F28	96	559287	3852341						1	6x10			4471		0845-1438	60/70	0/0	1-3/2-4	No DT, but tracks present at burrow that is 3-4 ft deep
861	4/7/2010	*Site*	SA	CS, DC, MT	F27, F28	97	559277	3852350						2	6x10			4472		0845-1438	60/70	0/0	1-3/2-4	xx foot deep
862	4/7/2010	*Site*	SA	CS, DC, MT	F27, F28	93	559076	3852411						3	150x500m			4468		0845-1438	60/70	0/0	1-3/2-4	
863	4/7/2010	*Site*	SA	CS, DC, MT	F27, F28	94	559084	3852390						3	7x12			4469		0845-1438	60/70	0/0	1-3/2-4	
864	4/7/2010	*Site*	SA	CS, DC, MT	F27, F28	95	559336	3852406			210.0						5	4470		0845-1438	60/70	0/0	1-3/2-4	
865	4/1/2010	*Site*	RB	JM, WM, PF	G12	*NO DATA*														0845-1150	47/60	10/0	3-7/4-8	
866	4/1/2010	*Site*	RB	JM, WM, PF	G13	*007*	553062	3851960						2	6x10			78		1150-1315	60/60	0/2	4-8/3-7	2 tortoise burrows 10 ft apart. Burrow category 2, definitely tortoise. Burrow category 4, was tortoise, dug out by coyote.
867	4/1/2010	*Site*	JB	TM, PW, TS, BN	G17	*011*	555254	3851892						2	4x12					845-1025	46/49	10/10	0-5/0-10	

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																								2 tortoise burrows 10 ft apart. Burrow category 2, definitely tortoise. Burrow category 4, was tortoise, dug out by
	4/1/2010	*Site*	JB	TM, PW, TS, BN	G17	*011*	555254	3851892						4	4x16					845-1025	46/49	10/10	0-5/0-10	coyote.
1	4/1/2010	*Site*	JB	PW, BN, TS	G18	*013*	555381	3851906						3	4x11					10:40-1:05	49/57	10/10	0-10/0-10	
2	4/1/2010	*Site*	JB	PW, BN, TS	G18	*014*	555653	3852345						3	5x18					10:40-1:05	49/57	10/10	0-10/0-10	
3	4/1/2010	*Site*	JB	PW, BN, TS	G18	*015*	555681	3852351						3	8x15					10:40-1:05	49/57	10/10	0-10/0-10	
2	4/1/2010	*Site*	JB	PW, BN, TS	G18	*012*	555385	3851933						3	6x12					10:40-1:05	49/57	10/10	0-10/0-10	
3	3/31/2010	*Site*	JD4	JD, DS, CS, JM, MB	G19	*474*	556248	3852060	DT5	M	8.2		g							905-1055	57.4/67.6	5/35	4.1/6.9	found in pallet w sandy substrate
4	3/31/2010	*Site*	JD4	JD, DS, CS, JM, MB	G19	*473*	555968	3852306						3	4x9			3117-3119		905-1055	57.4/67.6	5/35	4.1/6.9	Appears to be a DT burrow. Kit foxes used 1 burrow (3 present). 4"h X 9" - one burrow
5	3/31/2010	*Site*	JD4	JD, DS, CS, JM, MB	G19	*472*	555927	3851910						4				3116		905-1055	57.4/67.6	5/35	4.1/6.9	four burrows. 6.5"w X 3.5"h in area
6	3/31/2010	*Site*	JD4	DS, MB, CS ,JH	G19	*471*	555949	3852184									2-3	3115		905-1055	57.4/67.6	5/35	4.1/6.9	22 cm length,adult. Found in shallow drainage channel. Scutes are starting to fall off of skeleton. Perhaps facilitated by water. Dorsal scutes still attached-found upside down. No predatory marks
7	3/31/2010	*Site*	JD4	JD, DS, CS, JM, MB	G20	*477*	556531	3852306									5	3136-3137		11:05-2:01	65.3/64.2	30-35/70	6.9/25	carcass remains in drainage channel of large wash. 12:38 p.m.
8	3/31/2010	*Site*	JD4	JD, DS, CS, JM, MB	G20	*478*	556570	3852051									5	3138-3139		11:05-2:01	65.3/64.2	30-35/70	6.9/25	same as above. Vulpes scat nearby
9	3/31/2010	*Site*	JD4	JD, DS, CS, JM, MB	G21	*479*	556712	3852159						1	5.5X13			3140-3145		2:10-3:30	64.2/58.6	70/30	19-30/25-30	2 burrows (5x13)/(5.5x13) Excellent, recent claw marks, backfill SHOULD BE REVISITED
10	3/31/2010	*Site*	JD4	JD, DS, CS, JM, MB	G21	*480*	556944	3851952						3	8.5X4			3145-3146		2:10-3:30	64.2/58.6	70/30	19-30/25-30	
11	4/2/2010	*Site*	MBr	RD, Aba, JBr	G22	*036*	557165	3852186						1	6x15		1	66		0829-1108	53/65	1/2	5/3-9	
12	4/2/2010	*Site*	MBr	RD, Aba, JBr	G22	*035*	557311	3852092						2	4x10			65		0829-1108	53/65	1/2	5/3-9	
13	4/2/2010	*Site*	MBr	RD, Aba, JBr	G22	*034*	557372	3852073									5	64		0829-1108	53/65	1/2	5/3-9	
14	4/1/2010	*Site*	RD	ABa, JBr, MBr	G23	*029*	557848	3852169									5	58		1405-1632		5/5	0-5/0-5	
15	4/1/2010	*Site*	RD	ABa, JBr, MBr	G23	*030*	557740	3852080									5	60		1405-1632		5/5	0-5/0-5	
16	4/1/2010	*Site*	RD	ABa, JBr, MBr	G23	*031*	557693	3852292									5	61		1405-1632		5/5	0-5/0-5	
17	4/1/2010	*Site*	RD	ABa, JBr, MBr	G23	*024*	557937	3852080						1	7x13			52		1405-1632		5/5	0-5/0-5	
18	4/1/2010	*Site*	RD	ABa, JBr, MBr	G23	*027*	557876	3851983						1	5x12			57		1405-1632		5/5	0-5/0-5	
19	4/1/2010	*Site*	RD	ABa, JBr, MBr	G23	*025*	557919	3852286						2	7x12			54		1405-1632		5/5	0-5/0-5	
20	4/1/2010	*Site*	RD	ABa, JBr, MBr	G23	*026*	557881	3852237						2	5x9			55		1405-1632		5/5	0-5/0-5	
21	4/1/2010	*Site*	RD	ABa, JBr, MBr	G23	*028*	557818	3851983						2	4x9			58		1405-1632		5/5	0-5/0-5	
22		*Site*	RD	ABa, JBr, MBr	G23	*032*	557589	3852339									5	62		1405-1632		5/5	0-5/0-5	
23		*Site*	RD	ABa, JBr, MBr	G23	*033*	557542	3852241									5	63		1405-1632		5/5	0-5/0-5	
24	4/1/2010	*Site*	RD	ABa, JBr, MBr	G24	*018*	558050	3851876	DT7	F	10.5	260.0	G					41		858-1428		20/5	5-10/0-5	
25	4/1/2010	*Site*	RD	ABa, JBr, MBr	G24	*021*	558064	3852039	DT9	F	10.0	240.0	G					44 and 46		858-1428		20/5	5-10/0-5	basking
26	4/1/2010	*Site*	RD	ABa, JBr, MBr	G24	*016*	558113	3851894	DT8	M	12.0	280.0	G					40		858-1428		20/5	5-10/0-5	
27	4/1/2010	*Site*	RD	ABa, JBr, MBr	G24	*005*	558332	3852004						1	4x9			29		858-1428		20/5	5-10/0-5	
28	4/1/2010	*Site*	RD	ABa, JBr, MBr	G24	*009*	558177	3851922						1	7x13	2		33		858-1428		20/5	5-10/0-5	
29	4/1/2010	*Site*	RD	ABa, JBr, MBr	G24	*011*	558141	3851880						1	6x12			35		858-1428		20/5	5-10/0-5	

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30	4/1/2010	*Site*	RD	ABa, JBr, MBr	G24	*015*	558101	3851903						1	6x16			39		858-1428		20/5	5-10/0-5	
31	4/1/2010	*Site*	RD	ABa, JBr, MBr	G24	*017*	558050	3851870						1	6x14			42		858-1428		20/5	5-10/0-5	
32	4/1/2010	*Site*	RD	ABa, JBr, MBr	G24	*020*	558067	3852039						1	4x8			45		858-1428		20/5	5-10/0-5	
33	4/1/2010	*Site*	RD	ABa, JBr, MBr	G24	*004*	558371	3851920						2	6x14			26		858-1428		20/5	5-10/0-5	
34	4/1/2010	*Site*	RD	ABa, JBr, MBr	G24	*006*	558295	3852254						2	5x11			30		858-1428		20/5	5-10/0-5	
35	4/1/2010	*Site*	RD	ABa, JBr, MBr	G24	*007*	558238	3852342						2	6x12			31		858-1428		20/5	5-10/0-5	burrow found while shifting in cell F24
36	4/1/2010	*Site*	RD	ABa, JBr, MBr	G24	*008*	558239	3851945						2	8x14			32		858-1428		20/5	5-10/0-5	
37	4/1/2010	*Site*	RD	ABa, JBr, MBr	G24	*010*	558189	3851930						2	7x13			34		858-1428		20/5	5-10/0-5	
38	4/1/2010	*Site*	RD	ABa, JBr, MBr	G24	*019*	558090	3851949						2	5x10			43		858-1428		20/5	5-10/0-5	
39	4/1/2010	*Site*	RD	ABa, JBr, MBr	G24	*022*	558092	3852250						2	6x12			47		858-1428		20/5	5-10/0-5	
40	4/1/2010	*Site*	RD	ABa, JBr, MBr	G24	*023*	558017	3852131						2	5x12			48-49		858-1428		20/5	5-10/0-5	
41	4/1/2010	*Site*	RD	ABa, JBr, MBr	G24	*002*	558392	3852325						3	5x10			24		858-1428		20/5	5-10/0-5	burrow has collapsed parts in opening & small vegetation growing on ramp
42	4/1/2010	*Site*	RD	ABa, JBr, MBr	G24	*003*	558368	3852216						3	4x8			25		858-1428		20/5	5-10/0-5	collapsed entrance
43	4/1/2010	*Site*	RD	ABa, JBr, MBr	G24	*012*	558157	3852151						3	4x12			36		858-1428		20/5	5-10/0-5	collapsed entrance
44	4/1/2010	*Site*	RD	ABa, JBr, MBr	G24	*013*	558162	3852158						3	4x12			37		858-1428		20/5	5-10/0-5	vegetation growing in entrance
45	4/1/2010	*Site*	RD	ABa, JBr, MBr	G24	*014*	558165	3852158						3	6x12			38		858-1428		20/5	5-10/0-5	collapsed roof in entrace
46	4/6/2010	*Site*	SA	CS, DC, MT	G25	59	558521	3852275	DT28	F		200.0	G					4419-4423		0840-1140	53-62	1/0	2-5/3-6	tortoise found 10m from burrow; some scute sinking on V2 and V3
47	4/6/2010	*Site*	SA	CS, DC, MT	G25	58	558496	3852181						1	7x14			4415-4417		0840-1140	53-62	1/0	2-5/3-6	
48	4/6/2010	*Site*	SA	CS, DC, MT	G25	60	558524	3852275						1	6x8			4424		0840-1140	53-62	1/0	2-5/3-6	
49	4/6/2010	*Site*	SA	CS, DC, MT	G25	54	558819	3852285						2	7x14	3		4410-4411		0840-1140	53-62	1/0	2-5/3-6	large scat apprx 4"
50	4/6/2010	*Site*	SA	CS, DC, MT	G25	56	558621	3852094						2	6x10			4413		0840-1140	53-62	1/0	2-5/3-6	egg shell fragments outside burrow, tracks inside
51	4/6/2010	*Site*	SA	CS, DC, MT	G25	57	558505	3851926						2	4x7			4414		0840-1140	53-62	1/0	2-5/3-6	
52	4/6/2010	*Site*	SA	CS, DC, MT	G25	55	558779	3852271						3	6x12			4412		0840-1140	53-62	1/0	2-5/3-6	slightly deteriorated entrance
53	4/6/2010	*Site*	SA	CS, DC, MT	G25	61	558787	3852094						3	6x10			4425		0840-1140	53-62	1/0	2-5/3-6	under creoste, nice shape but half filled in
54	4/2/2010	*Site*	RB	JM, WM, PF	G26	*011*	558914	3852315	DT11	M	12.0							81		1100-1240	65/65	2/15	3-9/3-6	DT male with gular plate missing/broken, scars on right front leg, right rear scutes chipped; GPS points are confused b/t data sheet and live tortoise sheet.
55	4/2/2010	*Site*	RB	JM, WM, PF	G26	*009*	559097	3852108						1	6x14			80		1100-1240	65/65	2/15	3-9/3-6	burrow with tracks
56	4/2/2010	*Site*	RB	JM, WM, PF	G26	*010*	559008	3852022									5			1100-1240	65/65	2/15	3-9/3-6	
787	4/15/2010	Site	JP	CK, JON, LB, CS	H0	NO DATA														0845-1038	68/70	0/0	4-7/4-7	
766	4/15/2010	Site	SA	AB, JM, ES, DE	H1, I0	149	547176	3851519						3	3x6			4578		1055-1406	83/88	0/0	0-1/2-5	Old burrow
767	4/15/2010	Site	SA	AB, JM, ES, DE	H1, I0	150	547166	3851235						3	4x7			4579		1055-1406	83/88	0/0	0-1/2-5	Old burrow
768	4/15/2010	Site	SA	AB, JM, ES, DE	H1, I0	151	547319	3851344						3	4x7			4580		1055-1406	83/88	0/0	0-1/2-5	Old burrow
769	4/15/2010	Site	SA	AB, JM, ES, DE	H1, I0	152	547357	3851531						3	4x7			4581		1055-1406	83/88	0/0	0-1/2-5	1 ft deep, nice shape.
770	4/15/2010	Site	SA	AB, JM, ES, DE	H1, I1	153	547618	3851422						2	4x8			4582		1533	83	40	8-10	Fresh digout.
771	4/15/2010	Site	SA	AB, JM, ES, DE	H1, I1	154	547656	3851555						3	3x6			4583		1533	83	40	8-10	Old, lots of debris in entrance.
772	4/15/2010	Site	SA	AB, JM, ES, DE	H1, I1	155	547659	3851461						3	4x8			4584		1533	83	40	8-10	Debris in entrance.
773	3/31/2010	*Site*	JB	TM, PW, TS, BN	H12+I13	*007*	552728	3851796						3	3X6					830-1045	60.1/62	15/50	2-8/0-10	

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774	3/31/2010	*Site*	JB	TM, PW, TS, BN	H13+I13	*008*	553057	3851958						2	6X12					1055-248	62/60	50/50	0-10/15-35	
775	3/31/2010	*Site*	JB	TM, PW, TS, BN	H13+I13	*009*	553075	3851885						3	4X8					1055-248	62/60	50/50	0-10/15-35	
776	3/31/2010	*Site*	JB	TM, PW, TS, BN	H13+I13	*010*	553386	3851585						4	4X8					1055-248	62/60	50/50	0-10/15-35	
777	4/1/2010	*Site*	RB	JM, WM, PF	H14	*NO DATA*														1425-1627	64/62	2/3	3-8/3-8	no data points
778	3/31/2010	*Site*	RD	ABa, JB, MB	H15	*001*	554029							5	2X5			21		842-1028		20/50	5-10/10-15	Tortoise shape, K-rat tracks
779	4/2/2010	*Site*	RB	JM, WM, PF	H15	*008*	554068	3851645						2	4x8			79		0825-1010	53/65	1/2	5/3-9	
780	3/31/2010	*Site*	RD	ABa, JB, MB	H16	*NO DATA*														1019-1156		40/90	5-10/10-20	
781	3/31/2010	*Site*	RD	ABa, JB, MB	H17	*NO DATA*														1159-1434		90/90	10-20/20-30	
782	3/31/2010	*Site*	SA	GB, Rbo, CK, SC	H19	*013*	556055	3851582						3	4X6			4348		8:50-10:38	59/68	5/20	0-3/5-7	old DT burrow, owl pellet and KF scat outside, both old
783	3/31/2010	*Site*	SA	GB, Rbo, CK, SC	H19	*012*	555927	3851903						5	6X10			4347		8:50-10:38	59/68	5/20	0-3/5-7	
784	3/31/2010	*Site*	SA	GB, Rbo, CK, SC	H20	*014*	556171	3851470						3				4349-4351		10:45-1:16	68/62	20/40	5-7/20-25	KF complex with several DT shaped burrows
785	3/31/2010	*Site*	SA	GB, Rbo, CK, SC	H21	*015*	557053	3851829									5	4353		1:20-2:50	62/60	40/70	25-30/25-30	pieces of platron? scattered
786	4/1/2010	*Site*	JD4	JD, DS, CS, JM, MB	H22	481	557460	3851574						4	5x6.5			3148, 3150		0825-1012	51/53	15/5	5-7/1.6-5.8	Old 'hybrid' looking burrow, apron present; sandy gravel substrated, vulpes sp den nearby
787	4/1/2010	*Site*	JD4	JD, DS, CS, JM, MB	H23	482	557781	3851837						4	4x8			3155-3159		1020-1222	53/56	<5/5	2-6/3-7	probably DT, and used more recently by a canid - could be used in future by DT
788	4/1/2010	*Site*	JD4	JD, DS, CS, JM, MB	H24	*494*	558163	3851780												1345-1723	73.4/68	<5 / <5	2-7/2-5	
789	4/1/2010	*Site*	JD4	JD, DS, CS, JM, MB	H24	*495*	558209	3851522												1345-1723	73.4/68	<5 / <5	2-7/2-5	
790	4/1/2010	*Site*	JD4	JD, DS, CS, JM, MB	H24	*496*	558226	3851432												1345-1723	73.4/68	<5 / <5	2-7/2-5	
791	4/1/2010	*Site*	JD4	JD, DS, CS, JM, MB	H24	*497*	558340	3851692												1345-1723	73.4/68	<5 / <5	2-7/2-5	
792	4/1/2010	*Site*	JD4	JD, DS, CS, JM, MB	H24	*498*	558338	3851595												1345-1723	73.4/68	<5 / <5	2-7/2-5	
793	4/1/2010	*Site*	JD4	JD, DS, CS, JM, MB	H24	*499*	558338	3851595												1345-1723	73.4/68	<5 / <5	2-7/2-5	
794	4/1/2010	*Site*	JD4	JD, DS, CS, JM, MB	H24	*485**	558050	3851871	DT10	F	9.5		G					3170-3172, 3176		1345-1723	73.4/68	<5 / <5	2-7/2-5	See live tortoise data sheet; also possbile duplicate data - poaching by adjacent team?
795	4/1/2010	*Site*	JD4	JD, DS, CS, JM, MB	H24	*493*	558195	3851479		need data	sheet 2									1345-1723	73.4/68	<5 / <5	2-7/2-5	
796	4/1/2010	*Site*	JD4	JD, DS, CS, JM, MB	H24	*483*	558269	3851489						1	6x12	2		3160-3164		1345-1723	73.4/68	<5 / <5	2-7/2-5	Nice burrow with 2 scat
797	4/1/2010	*Site*	JD4	JD, DS, CS, JM, MB	H24	*486*	558050	3851868						1	5x15	4		3173-3175		1345-1723	73.4/68	<5 / <5	2-7/2-5	likely the burrow of DT at gps 485
798	4/1/2010	*Site*	JD4	JD, DS, CS, JM, MB	H24	*488*	558046	3851724						2	5.5x12	3		3180-3183		1345-1723	73.4/68	<5 / <5	2-7/2-5	burrow in good condition with scat under creosote, facing west
799	4/1/2010	*Site*	JD4	JD, DS, CS, JM, MB	H24	*490*	558065	3851654						2	6x14			3189-3192		1345-1723	73.4/68	<5 / <5	2-7/2-5	burrow under creosote; west/northwest facing
800	4/1/2010	*Site*	JD4	JD, DS, CS, JM, MB	H24	*491*	558121	3851707						2	7x13			3193-3196		1345-1723	73.4/68	<5 / <5	2-7/2-5	burrow under creosote; southwest/west facing
801	4/1/2010	*Site*	JD4	JD, DS, CS, JM, MB	H24	*492-1*	558135	3851676						2	5.5x11			3197-3200		1345-1723	73.4/68	<5 / <5	2-7/2-5	nw facing in group of 3 burrows
802	4/1/2010	*Site*	JD4	JD, DS, CS, JM, MB	H24	*492-2*	558135	3851676						2	3x8			3197-3200		1345-1723	73.4/68	<5 / <5	2-7/2-5	in opening , west facing
803	4/1/2010	*Site*	JD4	JD, DS, CS, JM, MB	H24	*493*	558121	3851541						2	5x12	2				1345-1723	73.4/68	<5 / <5	2-7/2-5	west facing burrow under old small creosote. Mainly in open/scat present
804	4/1/2010	*Site*	JD4	JD, DS, CS, JM, MB	H24	*484*	557993	3851681						3				3165-3169		1345-1723	73.4/68	<5 / <5	2-7/2-5	DT burrow with forbs in entrance; no recent activity
805	4/1/2010	*Site*	JD4	JD, DS, CS, JM, MB	H24	*487*	558039	3851842						3	3.5x8			3177-3179		1345-1723	73.4/68	<5 / <5	2-7/2-5	no recent use; forbs in front of entrance
806	4/1/2010	*Site*	JD4	JD, DS, CS, JM, MB	H24	*492-3*	558135	3851676						3	4.5x9.5			3197-3200		1345-1723	73.4/68	<5 / <5	2-7/2-5	2 partials
806	4/1/2010	*Site*	JD4	JD, DS, CS, JM, MB	H24	*489*	558022	3851601						3	5x11			3184-3188		1345-1723	73.4/68	<5 / <5	2-7/2-5	burrows - 2 entrances with collapsed ceiling

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OBJECTID	DATE COLLECTED	SURVEY AREA	TEAM LEADER	OTHER OBSERVERS	CELL NUMBER	GPS POINT	EASTING	NORTHING	TORTOISE #	TORTOISE SEX	TORTOISE SIZE (IN)	TORTOISE SIZE (mm)	TORTOISE HEALTH	BURROW CATEGORY (1-5)	BURROW HXW (INCHES)	SCAT CATEGORY (1-5)	CARCASS CATEGORY (1-5)	PICTURE #	Other Species	Time Start/End	Temp Start/End (F)	Cloud Cover Start/End (%)	Wind Start/End (mph)	NOTES
	4/1/2010	*Site*	JD4	JD, DS, CS, JM, MB	H24	*489*	558022	3851601						5	5x11			3184-3188		1345-1723	73.4/68	<5 / <5	2-7/2-5	
1	4/2/2010	*Site*	JD4		H25	*511*	558526	3851571	DT13	?	4.0			1	2.5x4			3253-3258		0831-1145	64/63.5	5/8	5-12/3-7	live DT see data sheet JD#5
2	4/2/2010	*Site*	JD4		H25	*510*	558555	3851597	DT12	F	10.2			1	6x8.5			3248-3252		0831-1145	64/63.5	5/8	5-12/3-7	live DT in burrow see live DT sheet DT12
3	4/2/2010	*Site*	JD4		H25	*512*	558707	3851894		M	9.1							3259-3263		0831-1145	64/63.5	5/8	5-12/3-7	LIVE ADULT MALE APPROX 15FT FROM BOUNDARY - NO DATA SHEET - INCIDENTAL
4	4/2/2010	*Site*	JD4		H25	*507*	558490	3851690						1	6x14			3240-3241		0831-1145	64/63.5	5/8	5-12/3-7	4-5 large pieces of scat inside, no DT seen but back of burrow not visible
5	4/2/2010	*Site*	JD4		H25	*509*	558547	3851634						1	5x12			3245-3247		0831-1145	64/63.5	5/8	5-12/3-7	shallow recented used burrow - pallet
6	4/2/2010	*Site*	JD4		H25	*513*	558715	3851794						2	5.5X11			3264-3266		0831-1145	64/63.5	5/8	5-12/3-7	5 scat in survey cell
7	4/2/2010	*Site*	JD4		H25	*502*	558398	3851567						3	4x8			3223-3225		0831-1145	64/63.5	5/8	5-12/3-7	5 entrances with 2 retaining dt shape built by DT, later used by canids, canid scat
8	4/2/2010	*Site*	JD4		H25	*504*	558413	3851846						3	7x9.5			3228-3234		0831-1145	64/63.5	5/8	5-12/3-7	rocky inside, with sidewinder in burrow
9	4/2/2010	*Site*	JD4		H25	*508*	558509	3851873						3	6.5x11.25			3242-3244		0831-1145	64/63.5	5/8	5-12/3-7	
10	4/2/2010	*Site*	JD4		H25	*505*	558449	3851734									5	3235-3236		0831-1145	64/63.5	5/8	5-12/3-7	scattered in drainage channel
11	4/2/2010	*Site*	JD4		H25	*506*	558442	3851638									2	3237-3239		0831-1145	64/63.5	5/8	5-12/3-7	carapace 6.25 inches; fox scat on shell
12	4/2/2010	*Site*	JD4		H25	*514*	558831	3851803									5	3267-3269		0831-1145	64/63.5	5/8	5-12/3-7	Adjacent to boundary - 20ft
13	4/6/2010	*Site*	JP	LB, Aba, CK	H25	*503*	558381	3851571	DT32	F	?			3	5x8			3226-3227		0831-1145	64/63.5	5/8	5-12/3-7	female tortoise inside shelter
700	4/14/2010	*Site*	DM	KH, WM, MT, NJ	I10	41	551800	3851274						4	3x5			3270		0915-1040				
701	4/14/2010	*Site*	DM	KH, WM, MT, NJ	I10	42	552034	3851035						4	4x6			3271		0915-1040				
702	4/10/2010	*Site*	RD	JH, DS, BN, WM	I11	27	552291	3851190						2	4X6			108		1115-1220	65/75	30/0	0-5/0-5	
703	4/10/2010	*Site*	MBr	JBr, GB, Rbo	I12	NO DATA														1330-1545	75/75	0/0	0-5/0-5	
704	3/30/2010	*Site*	JD4	DS, MB, CS ,JH	I14	*NO DATA*														8:30-10:21	18.5C-71.4F	15/15	0-1/2-4	
705			JD4	DS, MB, CS ,JH	I15	*467*	553946	3851320											X	1040-1228	71.4-78.6	15/15	2-4/3-7.3	MFTL observed
706	3/30/2010	*Site*	JD4	DS, MB, CS ,JH	I16	*468*	554378	3851306						3	4X8.25			3111		1:23-3:30	84.5/82.8	5-10/5-10	5-7/17-22	
707	3/30/2010	*Site*	JD4	DS, MB, CS ,JH	I16	*469*	554376	3851305						3	5X8			3112		1:23-3:30	84.5/82.8	5-10/5-10	5-7/17-22	
708	4/1/2010	*Site*	JB	PW, BN, TS	I17	*016*	555284	3851435						2	3x6					205-405	59/60	10/10	0-10/0-5	
709	3/31/2010	*Site*	RB	JM, WM, PF	I18	*006*	555287	3851278	DT3	unknown	6.0			1	3X6			11		1130-1515	56/53	50/40	20-30/23-28	
710	3/31/2010	*Site*	RB	JM, WM, PF	I19	*003*	556058	3851161	DT4	unknown	6.0			1	4X8			8		0850-1130	56/56	5/50	4-5/20-30	
711	3/31/2010	*Site*	RB	JM, WM, PF	I19	*001*	556216	3851070			20.0			2	4X8			6		0850-1130	56/56	5/50	4-5/20-30	
712	3/31/2010	*Site*	RB	JM, WM, PF	I19	*002*	556054	3851144			20.0			2	4X8			7		0850-1130	56/56	5/50	4-5/20-30	
713	3/31/2010	*Site*	RB	JM, WM, PF	I19	*004*	555991	3851336			24.0			3	4X8			9		0850-1130	56/56	5/50	4-5/20-30	
714	3/31/2010	*Site*	RB	JM, WM, PF	I19	*005*	555868	3851189			30.0			3	5X8			10		0850-1130	56/56	5/50	4-5/20-30	
705	4/14/2010	*Site*	DM	KH, WM, MT, NJ	I2	46	548279	3851457									3	3275		1445-1618				
706	3/30/2010	*Site*	RD	ABa, JBr, MBr	I20	*005*	556299	3851302						2	8X10			13		850-1154		50/25	0-5/0-5	burrow within canid complex
707	3/30/2010	*Site*	RD	ABa, JBr, MBr	I20	*006*	556599	3851363						2	3X6			17		850-1154		50/25	0-5/0-5	
708	3/30/2010	*Site*	RD	ABa, JBr, MBr	I20	*004*	556270	3851191						3	4X8			12		850-1154		50/25	0-5/0-5	Burrow has collapsed opening with vegetation
709	3/30/2010	*Site*	RD	ABa, JBr, MBr	I20	*003*	556288	3851077									2	11		850-1154		50/25	0-5/0-5	
710	3/30/2010	*Site*	RD	ABa, JBr, MBr	I21	*007*	556620	3851425						1	3X5			18		1133-1440		25/25	0-5/30-40	

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711	3/30/2010	*Site*	RD	ABa, JBr, MBr	I21	*008*	557014	3851078									5	19		1133-1440		25/25	0-5/30-40	
712	3/30/2010	*Site*	RD	ABa, JBr, MBr	I22	*009*	557192	3851039									5	20		1441-1614		25/50	30-40/15-20	
713	3/30/2010	*Site*	SA	GB, Rbo ,CK, SC	I23,24	*007*	558403	3851368	DT2	F	12.5							4341-4343		855-1140	60/80	40/15	0-1/2-5	large DT facing in burrow 11:11am, approx 74F
714	3/30/2010	*Site*	SA	GB, Rbo ,CK, SC	I23,24	*008*	558403	3851368						1	8X16					855-1140	60/80	40/15	0-1/2-5	burrow associated with DT2
715	3/30/2010	*Site*	SA	GB, Rbo ,CK, SC	I23,24	*009*	558223	3851429						2	8X16			4344		855-1140	60/80	40/15	0-1/2-5	
716	3/30/2010	*Site*	SA	GB, Rbo ,CK, SC	I23,24	*004*	557582	3851077						3	6X10			4338		855-1140	60/80	40/15	0-1/2-5	good shape, steep and funky inside
717	3/30/2010	*Site*	SA	GB, Rbo ,CK, SC	I23,24	*005*	557752	3851208						3	4X8			4339		855-1140	60/80	40/15	0-1/2-5	in side of wash
718	3/30/2010	*Site*	SA	GB, Rbo ,CK, SC	I23,24	*006*	558171	3851309						3	8X16			4340		855-1140	60/80	40/15	0-1/2-5	unused, some debris, dirt in entrance
719	4/10/2010	*Site*	MBr	JBr, GB, Rbo	I9	NO DATA														0831-1057		70/30	0-5/0-5	
764	4/14/2010	Site	SA	AB, JM, ES, DE	J0	NO DATA														1543-1603	78/77	70/70	5/6	
699	4/14/2010	*Site*	DM	KH, WM, MT, NJ	J10	40	551681	3850781						4	4x7			3269		0915-1040				
700	4/10/2010	*Site*	RD	JH, DS, BN, WM	J11	26	552449	3850814			4.0						5	104		0840-1056	54/65	100/30	10-15/5-10	
701	4/12/2010	*Site*	RB	GB, PW, WB, TJ	J12	NO DATA														0855-1310	45/60	50/70	3-6/3-10	
702	4/12/2010	*Site*	RB	GB, PW, WB, TJ	J13	24	553064	3850199						3	4X8			2191		1400-1600	60/60	70/40	3-6/5-15	
703	4/12/2010	*Site*	RB	GB, PW, WB, TJ	J13	25	553120	3850259						3	4X8					1400-1600	60/60	70/40	3-6/5-15	
704	4/10/2010	*Site*	JP	Aba, PF, SC, CS	J14	92	553831	3850909						3	3X8			979		0831-1100	56/65	100/50	4-7/4-7	
705	4/10/2010	*Site*	JP	Aba, PF, SC, CS	J15	NO DATA														1100-1330	65/89	50/0	4-7/1-3	
706	4/10/2010	*Site*	JP	Aba, PF, SC, CS	J16	NO DATA														1330-1530	89/89	0/0	1-3/1-3	
707	3/30/2010	*Site*	RB	JM, WM, PF	J17	*218*	554827	3850956						3	5X10			5		1340-1610	86.5/78	20/30	5-10/10-20	
708	3/30/2010	*Site*	RB	JM, WM, PF	J18	*216*	555572	3850923						3	4X7			4		905-1230	60/86.5	40/30	0-2/3-8	tortoise burrow deteriorated-filled some
709	3/30/2010	*Site*	TM	TS, JB,BN,PW	J19	*001*	555898	3850589									5			11:33-1:30	60/86.5	40/30	0-2/3-8	
788	4/15/2010	Site	JP	CK, JON, LB, CS	J2	NO DATA														1103-1250	72/76	10/25	4-7/4-7	
789	3/30/2010	*Site*	TM	TS, JB,BN,PW	J20	*NO DATA*														9:00-11:08	60/8605	40/30	0-2/3-8	
790	3/30/2010	*Site*	TM	TS, JB,BN,PW	J21	*003*	556660	3850827						2	160X90m		5			2:30-4:45	86.5/78	20/30	5-10/10-20	two burrows in same area
791	3/30/2010	*Site*	TM	TS, JB,BN,PW	J21	*002*	556677	3850847												2:30-4:45	86.5/78	20/30	5-10/10-20	
792	3/30/2010	*Site*	SA	GB, Rbo ,CK, SC	J22,J23	*010*	557053	3850916						3	4X8			4345		8:10-3:38	84/82	15/5	5-7/15-20	DT shaped, could be used if cleaned out
793	3/30/2010	*Site*	SA	GB, Rbo ,CK, SC	J22,J23	*011*	557247	3850982						3	4X12			4346		8:10-3:38	84/82	15/5	5-7/15-20	entrance filled in 1/2 way, veg in opening but definitely old DT burrow
763	4/14/2010	Site	SA	AB, JM, ES, DE	J6/J7	66	550691	3850813						3	5x10			4575		1234-1457	78/78	10/70	3/0	Old DT burrow, veg growing at entrance.
764	4/10/2010	*Site*	MBr	JBr, GB, Rbo	J8	NO DATA														1345-1517		10/10	0-5/5-10	
765	4/10/2010	*Site*	MBr	JBr, GB, Rbo	J9	109	551402	3850703									5	2278		1058-1343		40/10	0-5/0-5	
736	4/14/2010	Site	RD	RC, MBr, JBr, JMc	K10	NO DATA														1310-0230	65/70-73	30-40/50	5/5-10	
703	4/14/2010	*Site*	DM	KH, WM, MT, NJ	K11	44	552512	3850485						4	5x8			3273		1055-1300				
704	4/12/2010	*Site*	RB	GB, PW, WB, TJ	K12	14	552789	3850248	DT80	F	10.0			1	6X13	2		2183		855-1310	45/60	50/70	3-6/3-10	6 feet deep burrow, tort. At entrance
705	4/12/2010	*Site*	RB	GB, PW, WB, TJ	K12	13	552753	3850412						2	5X9			2182		855-1310	45/60	50/70	3-6/3-10	
706	4/12/2010	*Site*	RB	GB, PW, WB, TJ	K12	19	552924	3850243						2	9X15	2		2187		855-1310	45/60	50/70	3-6/3-10	
707	4/12/2010	*Site*	RB	GB, PW, WB, TJ	K12	23	553044	3850242						2	5X12	3		2190		855-1310	45/60	50/70	3-6/3-10	

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708	4/12/2010	*Site*	RB	GB, PW, WB, TJ	K12	16	552814	3850220						3	4X8			2184		855-1310	45/60	50/70	3-6/3-10	
709	4/12/2010	*Site*	RB	GB, PW, WB, TJ	K12	18	552881	3850399						3	3X7			2186		855-1310	45/60	50/70	3-6/3-10	
710	4/12/2010	*Site*	RB	GB, PW, WB, TJ	K12																			
711	4/12/2010	*Site*	RB	GB, PW, WB, TJ	K12	15	552789	3850212												855-1310	45/60	50/70	3-6/3-10	Tortoise egg shell
712	4/12/2010	*Site*	RB	GB, PW, WB, TJ	K12	17	552862	3850593									5	2185		855-1310	45/60	50/70	3-6/3-10	
713	4/12/2010	*Site*	RB	GB, PW, WB, TJ	K12	20	552932	3850255									5	2188		855-1310	45/60	50/70	3-6/3-10	
714	4/12/2010	*Site*	RB	GB, PW, WB, TJ	K12	21	552990	3850510											x	855-1310	45/60	50/70	3-6/3-10	Buow pellet
715	4/12/2010	*Site*	RB	GB, PW, WB, TJ	K12	22	553003	3850256									5	2189		855-1310	45/60	50/70	3-6/3-10	Carcass 120 mm
716	4/12/2010	*Site*	RB	GB, PW, WB, TJ	K13	NO DATA														1400-1600	60/60	70/40	3-6/5-15	
759	4/14/2010	Site	SA	AB, JM, ES, DE	K14	62	553466	3850234						3	6x10			4571		0815-1120	56/77	0/0	1-3/3	Old DT burrow, weather roof, veg growing, no scat found.
760	4/14/2010	Site	SA	AB, JM, ES, DE	K14	63	553564	3850149						3	3x6			4572		0815-1120	56/77	0/0	1-3/3	Old DT burrow, weathered/potential dug out.
761	4/14/2010	Site	SA	AB, JM, ES, DE	K14	64	553671	3850368						3	3x7			4573		0815-1120	56/77	0/0	1-3/3	Old DT burrow, weathered.
762	4/14/2010	Site	SA	AB, JM, ES, DE	K14	65	553891	3850555						3	4x8			4574		0815-1120	56/77	0/0	1-3/3	Old DT burrow, veg growing at entrance.
763	4/11/2010	*Site*	JP	Aba, PF, SC, CS	K17	93	554934	3850174						3	3X6			980		0830-1101	54/68	100/10 0	4-7/4-7	
764	3/30/2010	*Site*	RB	JM, WM, PF	K18	*NO DATA*														850-1230	60/86.5	40/30	0-2/3-8	
765	3/29/2010	*Site*	JD4	TS, DS, MB, CS	K19	*464*								4	3.5X6					1:31-4:03	80/80	5/5	2-6/7-9	
766	3/29/2010	*Site*	JD4	TS, DS, MB, CS	K19	*004*	555874	3850236						4	9X11			3105		1:31-4:03	80/80	5/5	2-6/7-9	
767	3/29/2010	*Site*	JD4	TS, DS, MB, CS	K19	*001*	555765	3850291						5	5X8			3103		1:31-4:03	80/80	5/5	2-6/7-9	001- possible DT burrow, no DT sign around burrow. High concave. 464- possible DT burrow. 465- Andostephium brev. Florum 0555823/3850359, 5 in, pic 3104 003-555869/3850322. 005- mammalian scat nearby (coyote & Krot) unlikely DT burrow however convex shape.
768	3/29/2010	*Site*	JD4	TS, DS, MB, CS	K19	*005*	556011	3850241						5	5.5X7.5			3106		1:31-4:03	80/80	5/5	2-6/7-9	
1	3/29/2010	*Site*	RB	PF, JM, WM	K20	*210*	0556399	3850324	DT1	unknown	6.0		G	1	4X6	2		1RB		1327-1603	80/86	10/2	2-6/7-9	Juvenile tortoise in burrow near small creosote bush
2	3/29/2010	*Site*	RB	PF, JM, WM	K20	*212*	0550356	3850151						4	5X10			3RB		1327-1603	80/86	10/2	2-6/7-9	
3	3/29/2010	*Site*	RB	PF, JM, WM	K20	*211*	556383	3850362						5	3X5			2RB		1327-1603	80/86	10/2	2-6/7-9	
4	3/29/2010	*Site*	RB	PF, JM, WM	K20	*213*	556250	3850388									5			1327-1603	80/86	10/2	2-6/7-9	
5	3/29/2010	*Site*	RD	ABa, JBr, MB	K21	*001*	556676	3850445			8.5						3	9-10		1323-1555		20/15	5-10/10-15	sheep scat also observed here
6	3/29/2010	*Site*	SA	CK, Rbo, GB, SC	K22	*003*	557573	3850492						3	6X10			4336						team
7	3/29/2010	*Site*	RB	PF, JM, WM	K22	*NO DATA*														1170-1210	70/70	50/50	2-5/2-5	practice cell with entire 24 person team
8	3/29/2010	*Site*	TM	BB, JB, PW, JH	K22	*NO DATA*														1145-1240				practice cell with entire 24 person team
9	4/11/2010	*Site*	MBr	JBr, GB, Rbo	K6	NO DATA														1127-1514		60/20	0-5/0-5	
10	4/11/2010	*Site*	MBr	JBr, GB, Rbo	K7	NO DATA														1127-1514		60/20	0-5/0-5	
737	4/14/2010	Site	RD	RC, MBr, JBr, JMc	K8	NO DATA														0850-1020	53/60	0/0	5-10/5-10	
738	4/14/2010	Site	RD	RC, MBr, JBr, JMc	K9	45	551478	3850565									5	133		1045-1215	60/60	0/0	5-10/10	Scattered remains, old.
729	4/14/2010	Site	RB	WB, TJ, PW	L10	NO DATA														1320-1500	75/76	30/40	3-8/3-6	
730	4/11/2010	*Site*	RD	JH, DS, BN, WM	L11	28	552410	3850101			9.0						5	109		0850-1030	50/50	100/70	10-20/10-20	Creosote bursage, sandy gravelly some cobbly sand near by, sparse cover

Calico Solar
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April, 2010

OBJECTID	DATE COLLECTED	SURVEY AREA	TEAM LEADER	OTHER OBSERVERS	CELL NUMBER	GPS POINT	EASTING	NORTHING	TORTOISE E #	TORTOISE SEX	TORTOISE SIZE (IN)	TORTOISE SIZE (mm)	TORTOISE HEALTH	BURROW CATEGORY (1-5)	BURROW HXW (INCHES)	SCAT CATEGORY (1-5)	CARCASS CATEGORY (1-5)	PICTURE #	Other Species	Time Start/End	Temp Start/End (F)	Cloud Cover Start/End (%)	Wind Start/End (mph)	NOTES
731	4/11/2010	*Site*	RD	JH, DS, BN, WM	L12	31	552826	3849877	DT79	unknown	6.0			1	4X5			113		1045-1415	55/70	70/50	10-20/10-15	
732	4/11/2010	*Site*	RD	JH, DS, BN, WM	L12	32	552842	3849969						1	4X6			116		1045-1415	55/70	70/50	10-20/10-15	Burrow north facing
733	4/11/2010	*Site*	RD	JH, DS, BN, WM	L12	30	552585	3850040						3	11X9			111		1045-1415	55/70	70/50	10-20/10-15	Roof may have collapsed, looked more domed than tortoise, slope of burrow consistent with tortoise, likely burrow of carcass
734	4/11/2010	*Site*	RD	JH, DS, BN, WM	L12	29	552571	3850063			11.0						4-5	110		1045-1415	55/70	70/50	10-20/10-15	Creosote bursage, clumps of galleta sparse coverage, cobbly, sand possible burrow 20m SE of remains
735	4/11/2010	*Site*	RD	JH, DS, BN, WM	L13	NO DATA														1415-1530	75/76	50/50	10-15/5-10	
647	4/12/2010	*Site*	SA	JM, AB, ES, DE	L17	NO DATA														0900-1025	58/68	20/10	2-5/0-3	
648	4/11/2010	*Site*	JP	NJ, PF, CS, Aba	L18	NO DATA														1335-1537	74/83	35/35	4-7/8-12	
649	4/11/2010	*Site*	JP	NJ, PF, CS, Aba	L19	NO DATA														1105-1335	68/72	100/30	4-7/4-7	
650	3/29/2010	*Site*	TM	BB, JB, PW, JH	L20	*006*	556028	3849988						5	180mm			141-142		1330-1507	80/85	10/5	0-5/2-10	sandy bottom, some fresh K rat tracks into it.not likely used now by DT but could be. Should be checked at fall surveys. Probably not built by DT.
651	3/29/2010	*Site*	SA	GB, RBo,CK, SC	L21	*001*	556800	3849677						2				4335		1:27-3:25	81/82	30/10	0-2/0-3	
652	3/29/2010	*Site*	SA	GB, RBo,CK, SC	L21	*002*	556756	3849677						4						1:27-3:25	81/82	30/10	0-2/0-3	good shape, but collapsed
653	4/11/2010	*Site*	MBr	JBr, GB, Rbo	L6	NO DATA														0836-1126		90/90	0-5/0-5	
654	4/11/2010	*Site*	MBr	JBr, GB, Rbo	L7	NO DATA														0836-1126		90/90	0-5/0-5	
727	4/14/2010	Site	RB	WB, TJ, PW	L8	NO DATA														0850-1030	50/65	0/0	3-6/2-5	
728	4/14/2010	Site	RB	WB, TJ, PW	L9	NO DATA														1030-1320	65/75	0/30	3-5/3-8	
669	4/12/2010	*Site*	KH	MT, NJ, WM	M10, M11, M12, M13	NO DATA														0850-1610	49/66	60/40	5-10/20-30	No tortoises and no tortoise sign was found. Cells are within 500m of I-40 and 2 utility lines bisect all cells running E-W.
632	4/12/2010	*Site*	RD	JBr, MBr, MB, JH, RC	M17	NO DATA														0850-0955	50/55	50-60/0 overhead	5-10/5-10	
635	4/12/2010	*Site*	RD	JBr, MBr, MB, JH, RC	M18	33	555280	3849491						3	5x7.5			117		1000-1135	55/55	0/10	5-10/5-10	
630	4/12/2010	*Site*	JP	CK, JBa, LB	M19	NO DATA														0908-1118	54/63	20/20	4-7/4-7	
631	4/12/2010	*Site*	JP	CK, JBa, LB	M20	NO DATA														1119-1350	63/67	20/60	4-7/4-7	
634	4/12/2010	*Site*	RD	JBr, MBr, MB, JH, RC	N17	NO DATA														1240-1342	51/51	25/65	5-10/5-10	
633	4/12/2010	*Site*	RD	JBr, MBr, MB, JH, RC	N18	NO DATA														1340-1530	51/51	65/40	5-10/20-30	
634	4/11/2010	*Site*	JP	CK, Lba, JON, BN	N20	NO DATA														1410-1601	67/65	60/60	4-7/8-12	
765	4/15/2010	Site	SA	AB, JM, ES, DE	TEL LINE	148	556237	3848642						3	3x6, 4x7			4576-4577		0838-0930	66/73	1/1	0-2/1-3	2 nicely shaped DT burrows.
649	4/12/2010	*Site*	SA	JM, AB, ES, DE	U15	127	554248	3850160						3	3x6			4531		1311-1515	70/67	40/40	2-5/9-12	Old DT burrow. Dug out but clean
650	4/12/2010	*Site*	SA	JM, AB, ES, DE	U15	128	554205	3850392						3	4x7			4532		1311-1515	70/67	40/40	2-5/9-12	Old entrance collapsed, but not totally blocking opening.
651	4/12/2010	*Site*	SA	JM, AB, ES, DE	U15	129	554214	3850413						3	3x7			4533		1311-1515	70/67	40/40	2-5/9-12	Old, last season,hole, in use.
652	4/12/2010	*Site*	SA	JM, AB, ES, DE	U15	130	554052	3850152						3	4x7			4534-4535		1311-1515	70/67	40/40	2-5/9-12	2 old burrows, previously marked dung, BUOW surveys.
653	4/12/2010	*Site*	SA	JM, AB, ES, DE	U15	131	553955	3850347						3	5x9			4536-4537		1311-1515	70/67	40/40	2-5/9-12	2 old burrows, DT shape, OK?
654	4/12/2010	*Site*	SA	JM, AB, ES, DE	U15	132	553909	3850349						3	4x7			4538		1311-1515	70/67	40/40	2-5/9-12	Old, but DT shape.
648	4/12/2010	*Site*	SA	JM, AB, ES, DE	U16	126	554798	3850496						2	2x5			4530		1037-1309	60/70	10/40	2-5/2-5	W/tracks in burrow

Calico Solar
Tortoise Burrow Data
April, 2010

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	4/1/2010 4/8/2010	*Site*	JB	PW, BN, TS			555385	3851933						3	4x12					10:40-1:05	49/57	10/10	0-10/0-10	
697	4/13/2010	*Site*	JP	CK, JON, LB, CS		96	558185	3854215	not included yet	M	7.5									1150-1500	68/74	0/0	4-7/4-7	Tortoise encounter - Outside survey area - 0558185 3854215 male 7 1/2 inches.
702	4/14/2010	*Site*	DM	KH, WM, MT, NJ		43	552144	3850119																
704	4/14/2010	*Site*	DM	KH, WM, MT, NJ		45	552556	3850408						3	10x14			3274		1055-1300				
705			SA			12	555927	3851903																
706			SA			13	556055	3851582																
707			SA			14	556171	3851470																
708			SA			15	557053	3851829																
709																								
710		*Site*	DM	RC, WS, PF		*004*													x					Likely Buow burrow
711		*Site*	DM	RC, WS, PF		*009*	556712	3853952											x					likely buow burrow
		Site					558465	3855100																Smoothed out bighorn resting place high on side of a hill with scat