

**2021 Vegetation Success Monitoring for the**

**Deming Mill Tailing Impoundment**

**Deming, Luna County, New Mexico**



**Prepared for**  
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HDNP Project Number 2019-029C

**December 16, 2021**



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December 16, 2021

Geo Southwest, Ltd.  
PO Box 353, 9751 Hwy 86  
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Attn: Gerald Smith

**Re: HDNP Project 2019-029C  
2021 Vegetation Success Monitoring - Draft Report  
Deming Mill Tailings Impoundment, MMD Permit LU009RE  
Deming, Luna County, New Mexico**

Dear Mr. Smith:

High Desert Native Plants LLC (High Desert) is pleased to submit this Vegetation Success Monitoring Report for the above referenced project. This report includes a description of the methods utilized and results obtained during the study as well as recommendations for further actions if necessary. The report was prepared in accordance with specifications outlined by the MMD and requested by the client in order to determine if revegetation was successful in this revegetation success monitoring survey of the subject property. We appreciate the opportunity to provide our services to you on this project. Please contact us at your convenience if you have questions or comments.

Sincerely,

A handwritten signature in black ink that reads 'Lara Barnes'.

Lara Barnes  
Staff Biologist

Reviewed by

A handwritten signature in black ink that reads 'MD Gaglio'.

Michael D. Gaglio  
Biologist/Managing Member

**High Desert Native Plants LLC**

*"Everything with conservation in mind"*

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## TABLE OF CONTENTS

<b>Executive Summary</b>	<b>1</b>
<b>1.0 INTRODUCTION</b>	<b>2</b>
1.1 Site Description	2
1.2 Climate Conditions	3
1.3 Habitat Setting	4
1.4 Revegetation Success Criteria	4
<b>2.0 Field Surveys</b>	<b>5</b>
2.1 Methods	5
2.1.1 Line Point Intercept Method	5
2.1.2 Belt Transect Method	6
2.2 Data Collected	6
<b>3.0 Field Survey Findings</b>	<b>6</b>
3.1 Canopy Cover	6
3.1.1 Tailings Site	6
3.1.2 Reference Site	7
3.2 Basal Cover	8
3.2.1 Tailings Impoundment basal cover	8
3.2.2 Reference basal cover	8
3.3 Shrub Density	9
3.3.1 Tailing site	9
3.3.2 Reference site	10
3.4 Species Diversity	10
3.4.1 Tailing Impoundment Site Diversity	11
3.4.2 Reference Site Diversity	11
<b>4.0 Statistical Analysis</b>	<b>12</b>
4.1 Methods	12
4.1.1 Data Analysis	12
4.1.2 Sample Adequacy	12
4.1.3 Tests of Normality	12
4.1.4 Hypothesis Tests	12
<b>5.0 Statistical Findings</b>	<b>12</b>
5.1 Data Analysis Results	13
5.1.1 Sample Adequacy	13
5.1.2 Tests of Normality	13
5.1.3 Hypothesis Tests	13

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<b>6.0 Summary and Discussion</b>	<b>13</b>
<b>7.0 References</b>	<b>16</b>
<b>APPENDIX A - MAPS</b>	<b>19</b>
<b>APPENDIX B - STATISTICAL ANALYSIS</b>	<b>23</b>
<b>Sample Adequacy</b>	<b>24</b>
<b>Tests of Normality</b>	<b>25</b>
<b>APPENDIX C - PHOTOGRAPHS</b>	<b>27</b>
<b>APPENDIX D - DATA SHEETS</b>	<b>31</b>
Tailings Site Line Point Intercept Data Sheets	32
Tailings Site Belt Transect Data Sheets	67
Reference Site Line Point Intercept Data Sheets	71
Reference Site Belt Transect Data Sheets	120

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## Executive Summary

High Desert Native Plants, LLC (HDNP) was contracted by Geo Southwest Ltd. (Geo SW) to conduct vegetation success monitoring surveys at the Deming Mill Tailing Impoundment located on the outskirts of Deming, Luna County, New Mexico in October 2019. Second year monitoring for the Tailings Site was completed in November of 2020. A third year of monitoring was deemed necessary in an attempt to achieve the two year requirement of successful revegetation monitoring for bond release. The Deming Mill was authorized by the Mining and Minerals Division of the New Mexico Energy, Minerals, and Natural Resources Department under Permit LU009RE. The original permit and subsequent Closeout Plans did not contain detailed revegetation standards and monitoring methods, therefore MMD authorized Geo SW to utilize Permit No. LU008RE and Modification 18-1, issued to Cyprus Pinos Altos Corporation for the Cyprus Pinos Altos Tailings Site, located south adjacent to the Deming Mill Tailings Impoundment, as a reference for guidance on the revegetation standards and monitoring methods for this project. Botanical surveys were conducted at two sites on the Deming Mill Property during the 2020 and 2021 monitoring: Reference Site, and the Tailings impoundment site. The 2019 surveys included a third site, the Borrow Pit Site. The Borrow Pit site was not included in subsequent monitoring by request of the client. The Reference Site was authorized by MMD in Permit LU008RE and Modification 18-1 and was the basis for the revegetation success performance standards required by MMD guidance. The permit modification established three relevant performance standards for the project: 1) canopy coverage percentage equal to or greater than 70% of the canopy cover at the Reference Site, 2) shrub density equal to or greater than 60% of the shrub density at the Reference Site, and 3) measures of species diversity and relative abundance. The additional measurement of basal vegetation cover was recorded during the surveys and analysis was performed on this data, though MMD guidelines do not consider these measurements as success criteria. The measurements obtained from the Tailings Site were individually compared to the Reference Site measurements and statistical analyses following MMD protocols were run on the data. Canopy cover at the treatment Tailing site exceeded the performance standard of 70% of the mean canopy cover of the Reference Site. Basal cover at the treatment Tailing site exceeded the performance standard of 70% of the mean basal cover of the Reference Site. Shrub density at the Tailings Site was significantly greater than that of the Reference Site and exceeded the performance standard of 60% of the mean shrub density at the Reference Site. The species diversity index was greater at the Reference Site when compared to the Tailings Site. The Tailings Site met the success criteria for two of three species diversity and relative abundance criteria. The Tailings Site did not meet the success criteria for the class type non-weedy forbs. The limited number of forbs present at the Tailings site may be an indicator of competition with perennial grasses which have been very successful at the site. The Reference Site met two of the success standards for individual cover percentages for the classes type non-weedy forbs and perennial shrubs. The Reference Site did not meet the success criteria for warm-season perennial native grasses. Although the MMD performance standards were not all fully met, revegetation at the Tailings Site has been successful due to the establishment of several species of perennial grasses and a variety of shrubs.

## 1.0 INTRODUCTION

High Desert Native Plants, LLC (HDNP) was contracted by Geo Southwest Ltd. (Geo SW) to conduct vegetation success monitoring surveys at the Deming Mill Tailing Impoundment and Borrow Pit sites located on the outskirts of Deming, Luna County, New Mexico in October 2019. The details of the 2019 monitoring findings are included in the report dated January 29, 2020. Two consecutive years of monitoring indicating that revegetation was successful is required for bond release. A second year monitoring was conducted in November of 2020 on the Deming Tailing Impoundment Site. The details of the 2020 monitoring findings are included in the report dated May 24, 2021. It was determined that a third year of monitoring was required for bond release since the first year survey did not meet the revegetation success criteria. This year's and the 2020 survey did not include the Borrow Pit Site by request of the client. The findings of the third year monitoring of the Tailing Site are outlined in this report. This report documents the relevant background information, methods & materials utilized, and results of the surveys. The surveys were performed in accordance with guidance set forth by the Mining and Minerals Division (MMD) of the New Mexico Energy, Minerals and Natural Resources Department (EMNRD).

The Deming Mill was authorized under MMD Mining Operation Permit No. LU009RE (currently in standby status) which was transferred from ASARCO Multi State Custodial Trust to Geo SW on August 5, 2014. On September 18, 2014, Geo SW submitted the "Deming Mill and Mill Tailings Closeout Plan And Financial Assurance Proposal" to MMD. Following a series of correspondence and directives from MMD, an updated "Closeout Plan and Financial Assurance Proposal" (Closeout Plan) dated October 17, 2016 was submitted to MMD. As of October of 2019, when HDNP was contracted to perform the vegetation success monitoring, no additional correspondence was available and it is believed that the permit currently remains in Standby Status.

Permit LU009RE does not contain detailed revegetation standards and monitoring methods, therefore MMD authorized Geo SW to utilize Permit No. LU008RE and Modification 18-1, issued to Cyprus Pinos Altos Corporation on behalf of Freeport McMoRan Copper and Gold, inc. for the Cyprus Pinos Altos Tailings Site (Cyprus Tailings Site), located south adjacent to the Deming Mill Tailings Impoundment, as a reference for guidance on the revegetation standards and monitoring methods for this project (Myers 2019). It is understood that Permit LU008RE will be used as a template for Permit LU009RE with respect to revegetation standards and Post Mining Land Use (PMLU) decisions.

### 1.1 Site Description

Revegetation Success Monitoring Surveys (the surveys) were conducted at two (2) sites (see Figure 1) associated with the Deming Mill, shown on the Survey Plat dated October 4, 2018 provided by the client. The surveys conducted in 2019 included a third site (Borrow Pit Site). The 2020 and 2021 surveys did not include the Borrow Pit Site. Both sites included in the 2021 surveys are located in Sections 20 & 21, T23S R9W, N.M.P.M. and are part of a larger group of properties collectively known as the Deming Mill (the Property) that was owned and operated by ASARCO from approximately 1949 through 2014. In 2014, Geo Southwest Ltd. acquired the property from the ASARCO Multi State Custodial Trust. The Property is located northwest of Deming near the intersection of Arrowhead Dr. NW and Peru Mill Rd (County Road 394).

The treatment site that was surveyed is located within the 99.4-acre Tract 2 and is referred to as the Recovered Tailings Area on the survey plat (See Figure 2). The Tailings Site occupies approximately 55

acres and is a mound of soil that contains tailings from past mill operations as well as impacted soils that were removed from the mill site during mill site remediation activities in the 1990s and 2000s. The Tailings Site was covered with a cap of soil and gravel. The Tailings treatment site was compared to a Reference Site, an approximately 3.5-acre parcel of land referred to as “Proposed Vegetation Area” on the Survey Plat (see Figure 3). The use of this Reference Site was approved by MMD in Permit LU009RE, Mod 18-1 and was recommended to be used for this project as well. In this report, the sites are called Tailings Site, and Reference Site respectively.

The property has been in use since approximately 1949 when the mill was constructed. The property has been owned, leased, and operated by several different companies generally for the purpose of processing zinc, copper, and lead ore. The milling operations impacted the site by wind blown materials from the impoundment. Remediation activities at the Deming Mill began in 1993 and included the removal and transport of impacted soil to the Tailing impoundment, placement of the impacted soil, and overlying with a protective earthen cap that was seeded for revegetation. Remediation occurred again in 2007 due to construction at the site for improvements to the cap and the Tailings impoundment was once again revegetated. The remediation efforts were completed in 2012 when NMED determined that it was successful.

The abandoned Deming Mill facilities are located on the Property west of Peru Road and the Luna County Power Station lies northeast adjacent to the property, past Arrowhead Drive. The Tailings impoundment area is located north of the Mimbres River on the property. Otherwise, the property and surrounding area are generally vacant desert land.

## 1.2 Climate Conditions

The site is located in the Chihuahuan Desert of the southwest U.S. which is characterized by long hot summers, cold winters, and a monsoon season that generally occurs from June to September (US Department of Commerce & NOAA, 2019). 2021 was warmer than 2019, and 2020 and on average. 2019 was a wetter year than both 2020 and 2021, with the latter being the wetter of the two years. The Deming area had approximately 4.74 inches of rain, and an average temperature of 62.8°F in 2020. By contrast, the average temperature for 2021 was 64.8°F and the average temperature during the growing season months was 77.0°F. Cumulative annual precipitation in 2021 was 5.41 inches (WRCC 2021). The growing season precipitation in 2021 was 4.70 inches as compared to 1.44 inches in 2020. Climate data was obtained from the Deming Airport Weather station located within 5 miles of the site and is displayed in Table 1. Long term climate data is also available from the airport weather station. The long-term climate data consists of a forty year-long span of weather data dating from 1961-1981 and 2001-2021. The long-term climate data mean annual temperature is about 60.9°F, during the growing season the average long-term temperature is 75.6°F. The mean annual precipitation is about 8.66 inches. The 2021 annual temperature and the average temperature during the growing season were higher than the long-term averages. Additionally, the precipitation was lower in 2021 than the long term annual and growing season averages.

**Table 1 - Average Temperature and Precipitation Data from Deming Airport**

Year	Annual Temp. (°F)	Growing Season Temp. (°F)	Annual Precipitation (in)	Growing Season Precipitation (in)
<b>2019 Average</b>	63.4	76.7	8.55	4.88
<b>2020 Average</b>	62.8	78.2	4.74	1.44

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2021 Average	64.8	77.0	5.41	4.70
Long-term Average (1961-2021)	60.9	75.6	8.66	5.23

### 1.3 Habitat Setting

The site is situated in the Chihuahuan desert and the vegetation type is Chihuahuan Desert Scrub. Chihuahuan Desert Scrub is characterized by creosotebush (*Larrea Tridentata*), and tarbush (*Flourensia cernua*), and other common plants including soaptree yucca (*Yucca elata*), Lechuguilla (*Agave lechuguilla*), and Ocotillo (*Fouquieria splendens*). Trees such as honey mesquite (*Prosopis glandulosa*) are also common. This plant community category is dominated by drought tolerant shrubs along with perennial grasses and annual forbs (Dick-Peddie, 1993).

### 1.4 Revegetation Success Criteria

For the purposes of bond release and to meet the Post Mining Land Use (PMLU) standard as a wildlife area as required in Permit LU008RE and Modification 18-1, revegetation success monitoring surveys must be performed to determine if the revegetation efforts were successful. Revegetation success is monitored by performing surveys over the course of 2 years, the first of which can be no sooner than the 11th year following revegetation efforts. The revegetation success monitoring requires measurement of the variables plant canopy cover, shrub density, and plant species diversity on the revegetation sites and comparison of the measurements to a performance standard. The performance standard is based on either baseline data, an established or calculated technical standard, or measurements of the same variables on a Reference Site. The vegetation measurements at the Deming Tailings Site were compared to measurements obtained at the approved Reference Site located south of the revegetation site as depicted in Figure 1. The Reference Site is considered an undisturbed area and is assumed to be a self-sustained ecosystem representative of the pre-disturbance condition of the Tailing site.

For this vegetation survey, the MMD revegetation guidelines for an adjacent site owned by Cyprus Pinos Altos Corp (Cyprus) under Permit LU008RE and Modification 18-1 were used since formal revegetation guidelines were not established by the MMD for the Deming Mill Tailings Site. Based on verbal directives from MMD Staff, the terms of this permit modification are to be utilized as the basis for the revegetation success monitoring at the subject property. Permit LU008RE outlines the revegetation standards that would determine if the site is considered a self-sustaining ecosystem as stated by the PMLU wildlife description and the 18-1 modification defines the Reference Site jointly used by both Cyprus and Geo SW.

The revegetation success criteria for this project as outlined in Permit LU008RE and Modification 18-1 are summarized in Table 2. Mean canopy cover at the revegetation treatment (Tailings) site must be equal to or greater than 70% of the mean canopy cover measured at the Reference Site and shrub density on the treatment site must be equal to or greater than 60% of the shrub density measured at the Reference Site. In addition, at least three species of warm-season perennial grasses with a minimum individual percent coverage of 1% must be present at the treatment site. Two species of perennial shrubs must be present with a 0.5% individual coverage, and finally, two species of non-weedy native forbs must be present at the treatment site with an individual percent cover of 0.1%.

**Table 2 - Revegetation Success Criteria required by MMD Permit LU008RE and Mod 18-1**

Proportion of Reference Area		Plant Diversity (standards apply to both treatment and reference sites)		
		Vegetation Class	Number of Species	Minimum Occurrence
Attribute	Value	Perennial Warm Grass	3	1% cover each
Canopy Cover	70% of Standard	Perennial Shrub	2	0.5% cover each
Shrub Density	60% of Standard	Non-weedy Native Forb	2	0.1% cover each

## 2.0 Field Surveys

Biologists Lara Barnes and Joshua Johnson performed vegetation surveys of the Reference and Tailings Sites between the 25<sup>th</sup> and the 28<sup>th</sup> of October 2021. Two systematic random sampling methods to quantify variables measured were selected using MMD guidelines based on the factors being examined and vegetation habit type. The line point intercept method was selected to measure percent cover of the plant canopy and basal coverage. The belt transect method was selected to quantify shrub density on the survey sites.

Random coordinates were generated using a randomization website (Random Point Generator, 2021) for each site before beginning field work. These coordinates were the starting point for each sample transect for both methodologies. New coordinate points were generated for each year's surveys. A total of thirty-three (33) random sample points were generated across both sites; fifteen (15) at the Tailings Site, and eighteen (18) at the Reference Site. The number of sample points was determined by sample adequacy calculations (discussed below). Coordinates of sample points were located in the field using handheld Global Positioning System (GPS) receivers. Sample points that were discovered to fall outside of the site boundary when field verified were discarded and the next generated point was used if it was determined to fall within the site boundary.

## 2.1 Methods

Plant canopy cover was measured utilizing a variation of the line point intercept method described in Herrick 2005. Other variables measured with this method included plant basal cover, bare ground, rock cover, and litter cover. Shrub density was measured using a belt transect method (Herrick, 2005). Species diversity was measured by calculating diversity indices based on the species recorded in the line point intercept surveys. Diversity was also quantified by the Simpson's index and by determining if mean cover percentages exceeded the performance standard for the plant class criteria outlined by the MMD.

### 2.1.1 Line Point Intercept Method

The line point intercept method was selected because it is a consistent and repeatable measure to collect data for the variables canopy cover, basal cover, litter cover, rock cover, and bare ground. Line point intercept is a preferred method for measuring vegetation in desert and grassland habitats due to its fine resolution and ability to detect small low-lying grasses and forbs in sparsely populated vegetation communities. The method is easily repeatable and increases precision by limiting surveyor bias that is possible in other ocular estimation methods. The line point intercept method can gather information in the plant canopy and ground level using one sample point, making it an efficient data collection procedure. A variation of this method was utilized to allow meaningful measurements of both canopy cover and basal cover in a time efficient manner.

This variation of the line point intercept method was performed by laying out 50 meter-long (50m) transects, oriented from south to north, beginning at the given random sample point coordinates. Data collection points began at the 0.5m mark on the tape from the transect GPS start point and continued at 0.5m intervals along the transect. For each transect the observer stands on the east side of the tape, over the tape, and records the vegetation canopy, cover, and/or ground surface present at each 0.5m intercept on the west side of the tape. Fifty-meter transects with 0.5-meter intervals were used as outlined in the MMD provided guidance. Each transect line consisted of 100 interval points that comprised a single sample for statistical analysis. Vegetation was recorded at the canopy level and vegetation, litter, rock, and bare ground were recorded at the basal level at each intercept. Foliage encountered above the soil level was considered canopy. Plant basal cover was recorded when the intercept was located directly on a plant base at soil level (e.g. grass crowns or a stem instead of soil or rock). Litter (i.e. non-living woody or herbaceous plant material), rock (i.e. rock particles >5mm dia. including bedrock), or bare ground (i.e. soil) were also measured and recorded. The canopy measurements were analyzed separately from the basal observations. Representative samples of plants that were encountered during the survey that could not be identified in the field were collected and later identified using plant guides and keys. Data were collected at Fifteen (15) transects at the Tailings site. Each transect contained 100 individual intercept observations at both the canopy and basal level resulting in 1,500 intercept observations at the canopy level, and 1,500 intercepts at the basal level for a total of 3,000 intercept observations for the Tailings Site. For the Reference Site a total of 3,600 canopy and basal observations (1,800 canopy observations, and 1,800 basal observations) were recorded from 18 transects.

### **2.1.2 Belt Transect Method**

Belt transects were used to measure shrub density measured in terms of shrubs per square meter (m<sup>2</sup>) and converted to shrubs per acre. The belt transect method focuses on the presence of larger plants such as shrubs and trees and tends to disregard small forbs and grasses. Thirty-three (33) belt transects were counted across both sites. The belt transects were the same survey sites as the line point intercept sites, fifteen (15) at the Tailings site, and eighteen (18) at the Reference site. Each belt transect was 50m long and 2m wide for the survey area encompassing 100m<sup>2</sup> per sample; 1,500m<sup>2</sup> measured at the Tailings site and 1,800 m<sup>2</sup> at the Reference site. Each transect began at the randomly generated sample point coordinate and extended 50m north. A measuring tape was used to lay out a center line and a meter long rod was used to visualize a meter on each side of the centerline. Each individual shrub and tree rooted within the belt transect area was identified to species and recorded to determine shrub density and frequency.

## **2.2 Data Collected**

Data collection sheets for both sites and methods are available in (Appendix D).

## **3.0 Field Survey Findings**

### **3.1 Canopy Cover**

#### **3.1.1 Tailings Site**

The total percentage of canopy cover at the Tailings Site was 59.2% ± 8.8% (standard deviation [SD]), of which, approximately 36.9% of the total canopy cover was composed of perennial grasses. Sideoats grama (*Bouteloua curtipendula*) was the most common at the site with a relative percent canopy cover

of 42.5%, followed by purple threeawn (*Aristida purpurea*) and low woollygrass (*Dasyochola pulchella*). Four species of shrubs were recorded during the line point intercept survey. The most common shrub during the survey was broom dalea (*Psoralea scoparius*) with a relative canopy cover of 15.8%. Three other shrubs/trees (broom snakeweed, desert willow, and featherplume) were recorded during the survey with a combined relative cover of 9.7%. Three non-weedy forb species were present during the survey composing 0.4% of the total canopy coverage at the Tailings Site. One additional unidentified species of forb was also recorded during the surveys with a total coverage of 0.07%.

### 3.1.2 Reference Site

The percentage of canopy cover at the Reference Site was 43.9%  $\pm$  7.2%. The Reference Site was dominated by forbs with a relative canopy coverage of 53.2%. The dominant forb present at the Reference Site was woolly tidestromia (*Tidestromia lanuginosa*) with 13.9% coverage followed by kiss-me-quick (*Portulaca pilosa*) at 11.9% relative cover. One unidentified forb was recorded during the surveys with a relative coverage of 0.4%. Five shrubs consisting of soap tree yucca (*Yucca elata*), longleaf jointfir (*Ephedra trifurca*), broom snakeweed (*Gutierrezia sarothrae*), broom dalea (*Psoralea scoparius*) and honey mesquite (*Prosopis glandulosa*) were recorded for the Reference Site. Broom dalea was the most abundant shrub during the line point intercept survey with a relative canopy coverage of 4.8%. Only one species of perennial warm season grass was recorded at the reference site, low woollygrass, at a total cover percentage of 0.83%. However two annual grasses needle grama (*Bouteloua aristidoides*) and six-weeks grama (*Bouteloua barbata*) had a combined relative coverage of 37.4%.

**Table 3 - Canopy Cover Total Percentages by Species  
for Sites at Deming Mill Property for 2021 Vegetation Monitoring**

Scientific Name	Common Name	Duration	Native Status	Code	Tailings Site	Reference Site
Grasses						
<i>Dasyochloa pulchella</i>	Low woollygrass	P	N	DAPU7	3.13	0.83
<i>Aristida purpurea</i>	Purple threeawn	P	N	ARPU9	8.00	--
<i>Bouteloua aristidoides</i>	Needle grama	A	N	BOAR	4.33	16.22
<i>Bouteloua barbata</i>	Six-weeks grama	A	N	BOBA2	0.53	0.22
<i>Bouteloua eriopoda</i>	Black grama	P	N	BOER4	0.13	--
<i>Bothriochloa laguroides</i> ssp. <i>torreyana</i>	Silver beardgrass	P	N	BOLAT	0.47	--
<i>Aristida adscensionis</i>	Sixweeks threeawn	A	N	ARAD	1.87	--
<i>Sporobolus cryptandrus</i>	Sand dropseed	P	N	SCPR	0.07	--
<i>Bouteloua curtipendula</i>	Sideoats grama	P	N	BOCU	25.13	--
Forbs						
<i>Chamaesyce albomarginata</i>	Rattlesnake weed	P	N	CHAL11	0.27	0.22
<i>Thymophylla pentachaeta</i>	Five-needle pricklyleaf	P	N	THPE4	--	--
<i>Tidestromia lanuginosa</i>	Woolly tidestromia	A	N	TILA2	--	6.11
<i>Portulaca pilosa</i>	Kiss-me-quick	A	N	POPI3	--	5.22
<i>Pectis angustifolia</i>	Lemonscent	A	N	PEAN	--	0.11
<i>Peganum harmala</i>	African rue	P	I	PEHA	--	--



<i>Dimorphocarpa wislizeni</i>	Spectaclepod	A	N	DIWI2	--	0.56
<i>Baileya multiradiata</i>	Desert marigold	A	N	BAMU	--	0.06
<i>Amaranthus acanthochiton</i>	Green stripe amaranth	A	N	AMAC	--	4.94
<i>Boerhavia coulteri</i>	Coulter's spiderling	A	N	BOCO2	--	1.39
<i>Chamaesyce micromera</i>	Sonoran sandmat	A	N	CHMI7	0.07	--
<i>Salsola tragus</i>	Prickly Russian thistle	A	I	SATR12	--	4.56
<i>Amaranthus palmeri</i>	Careless weed	A	N	AMPA	--	0.06
<i>Sphaeralcea fendleri</i>	Fendler's globemallow	P	N	SPFE	0.07	--
Annual Forb 4	--	--	--	AF#4	0.07	0.17
Shrubs						
<i>Gutierrezia sarothrae</i>	Broom snakeweed	P	N	GUSA2	4.60	0.17
<i>Dalea formosa</i>	Featherplume	P	N	DAFO	0.07	--
<i>Psoralea scoparius</i>	Broom dalea	P	N	PSSC6	9.33	2.11
<i>Chilopsis linearis</i>	Desert willow	P	N	CHLI2	1.07	--
<i>Prosopis glandulosa</i>	Honey mesquite	P	N	PRGL2	--	0.06
<i>Yucca elata</i>	Soaptree yucca	P	N	YUEL	--	0.22
<i>Ephedra trifurca</i>	Longleaf jointfir	P	N	EPTR	--	0.72

## 3.2 Basal Cover

### 3.2.1 Tailings Impoundment basal cover

The Tailings Site mean basal cover was 21.7%  $\pm$  6.2%. The relative basal cover consists primarily of three perennial grasses, 49.1% of which are sideoats grama, 9.5% of which are low woollygrass, and purple threeawn with relative basal cover of 9.2%. Additionally, an annual grass, needle grama (*Bouteloua aristidoides*) had a relative basal cover of 9.8%. Five forbs were found to have a combined total basal coverage of 0.67% at the tailings site. Basal coverage at the tailings site consisting of shrubs was 2.6%.

### 3.2.2 Reference basal cover

The mean basal percentage cover is 11.7%  $\pm$  5.7% for the Reference Site. The plant species with the highest basal coverage for the site was Needle grama (*Bouteloua aristidoides*) an annual grass with a relative cover of 49.2%. The species with the second highest basal occurrence during the line intercept for the Reference area was woolly tidestromia, a native forb at 11.9%. An additional 7 species of forbs, and 1 unidentified forb was recorded as having basal coverage at the site. Two shrubs having a combined total basal cover of 0.22% were recorded during the survey, These consisted of broom snakeweed and soaptree yucca.

**Table 4 - Basal Cover Percentages by Species  
for Sites at Deming Mill Property for 2021 Vegetation Monitoring**

Scientific Name	Common Name	Duration	Native Status	Code	Tailings Site	Reference Site
Grasses						

<i>Dasyochloa pulchella</i>	Low woollygrass	P	N	DAPU7	2.07	0.50
<i>Aristida purpurea</i>	Purple threeawn	P	N	ARPU9	2.00	--
<i>Bouteloua aristidoides</i>	Needle grama	A	N	BOAR	2.13	5.78
<i>Bouteloua barbata</i>	Six-weeks grama	A	N	BOBA2	0.47	0.06
<i>Bouteloua eriopoda</i>	Black grama	P	N	BOER4	0.13	--
<i>Bothriochloa laguroides</i> <i>ssp. torreyana</i>	Silver beardgrass	P	N	BOLAT	0.13	--
<i>Aristida adscensionis</i>	Sixweeks threeawn	A	N	ARAD	0.80	--
<i>Sporobolus cryptandrus</i>	Sand dropseed	P	N	SCPR	0.07	--
<i>Bouteloua curtipendula</i>	Sideoats grama	P	N	BOCU	10.67	--
Forbs						
<i>Chamaesyce albomarginata</i>	Rattlesnake weed	P	N	CHAL11	0.40	0.06
<i>Thymophylla pentachaeta</i>	Five-needle pricklyleaf	P	N	THPE4	0.07	--
<i>Tidestromia lanuginosa</i>	Woolly tidestromia	A	N	TILA2	--	1.39
<i>Portulaca pilosa</i>	Kiss-me-quick	A	N	POPI3	--	1.22
<i>Pectis angustifolia</i>	Lemonscent	A	N	PEAN	--	0.06
<i>Peganum harmala</i>	African rue	P	I	PEHA	0.07	--
<i>Dimorphocarpa wislizeni</i>	Spectaclepod	A	N	DIWI2	--	--
<i>Baileya multiradiata</i>	Desert marigold	A	N	BAMU	0.07	--
<i>Amaranthus acanthochiton</i>	Green stripe amaranth	A	N	AMAC	--	0.94
<i>Boerhavia coulteri</i>	Coulter's spiderling	A	N	BOCO2	--	0.83
<i>Chamaesyce micromera</i>	Sonoran sandmat	A	N	CHMI7	--	--
<i>Salsola tragus</i>	Prickly Russian thistle	A	I	SATR12	0.07	0.50
<i>Amaranthus palmeri</i>	Careless weed	A	N	AMPA	--	0.06
<i>Sphaeralcea fendleri</i>	Fendler's globemallow	P	N	SPFE	--	--
Annual Forb 4	--	--	--	AF#4	--	0.11
Shrubs						
<i>Gutierrezia sarothrae</i>	Broom snakeweed	P	N	GUSA2	1.47	--
<i>Dalea formosa</i>	Featherplume	P	N	DAFO	0.07	--
<i>Psoralea scoparius</i>	Broom dalea	P	N	PSSC6	1.00	0.11
<i>Chilopsis linearis</i>	Desert willow	P	N	CHLI2	0.07	--
<i>Yucca elata</i>	Soaptree yucca	P	N	YUEL	--	0.11
<i>Ephedra trifurca</i>	Longleaf jointfir	P	N	EPTR	--	--

### 3.3 Shrub Density

#### 3.3.1 Tailing site

The mean number of shrubs/acre is  $1905 \pm 1429$  for the Tailings site. Five shrub species were recorded during the belt transects at the Tailings Site. Broom snakeweed was the most prevalent shrub during the transects, as it was observed 504 times at the Tailings Site. The next most common shrub present during the transects for the Tailings Site was broom dalea which was recorded 128 times.

### 3.3.2 Reference site

For the Reference Site, the shrub density mean was  $313 \pm 188$  shrubs/acre. Five shrub species were observed at the Reference Site. The most prevalent species at the Reference Site was broom dalea at 77 observations. Other species of shrubs observed on the site were *Ephedra trifurca*, *Gutierrezia sarothrae*, *Yucca elata*, and *Artemisia filifolia*.

**Table 5 - Shrub Density by Species as Shrubs per Acre  
for Sites at Deming Mill Property for 2021 Vegetation Monitoring**

Scientific Name	Common Name	Native Status	Code	Tailing Impoundment Individual Shrubs	Reference Area Individual Shrubs	Tailing Impoundment Density (Stems/Acre)	Reference Area Density (Stems/Acre)
<i>Artemisia filifolia</i>	Sand sagebrush	N	ARFI2	--	3	--	121
<i>Chilopsis linearis</i>	Desert willow	N	CHLI2	14	--	567	--
<i>Ephedra trifurca</i>	Longleaf jointfir	N	EPTR	--	23	--	931
<i>Gutierrezia sarothrae</i>	Broom snakeweed	N	GUSA2	504	24	20396	971
<i>Dalea formosa</i>	Featherplume	N	DAFO	1	--	40	--
<i>Psoralea scoparius</i>	Broom dalea	N	PSSC6	128	77	5180	3116
<i>Yucca elata</i>	Soaptree yucca	N	YUEL	3	12	121	486

### 3.4 Species Diversity

The Simpson's Diversity Index (C) was computed for the revegetation and Reference Sites. This formula was outlined in the vegetation monitoring standards provided by the MMD.

The Simpson's Index value C decreases as diversity increases. This value is usually reported as its complement 1-C. In this report the original Simpson's Index value C and the complement 1-C is reported. The complement to the Simpson's Index 1-C rises as diversity and evenness rises (Simpson 1949, Magurran 2004).

**Table 6 - Simpson's Diversity Index**

Index	Tailing	Reference	# Species Observed/Used
<b>Simpson's Index (C)</b>	0.245	0.211	23/21
<b>Complement (1-C)</b>	0.755	0.789	20/19

**Table 7- Vegetation Cover Class Criteria**

Vegetation Class	Number of Species Required	Minimum Occurrence	# of Species observed	Minimum Occurrence met?
<b>Treatment Site</b>				
Perennial Warm Grass	3	1% cover each	3	Yes
Perennial Shrub	2	0.5% cover each	3	Yes
Non-weedy Native Forb	2	0.1% cover each	1	No

Reference Site				
Perennial Warm Grass	3	1% cover each	0	No
Perennial Shrub	2	0.5% cover each	2	Yes
Non-weedy Native Forb	2	0.1% cover each	9	Yes

### 3.4.1 Tailing Impoundment Site Diversity

At the Tailings Site, 23 plant species were present during the 2021 surveys. Diversity calculations were performed on the line intercept data which consisted of 21 plant species. The Simpson's index for the Tailings site was  $C=0.245$ , and the complement  $1-C=0.755$  which indicated that the Tailings Site had a lower species diversity than the Reference Site. The Tailings Site met the success standard requirements for individual cover percentages for two of the three vegetation classes. Three species of perennial warm season grasses were recorded during the line point survey that met the 1% coverage requirement. Three species of perennial shrubs were recorded during the line point intercept survey and each of these species exceeded the 0.5% coverage requirement. One species (rattlesnake weed) of non-weedy native forbs exceeded the success criteria individual canopy cover percentages of 0.10%. The tailings site did not exceed the cover class requirement for non-weedy native forbs. However, this requirement was barely not met. Three additional forbs besides rattlesnake weed were present at the site with each having a 0.07% cover.

African rue (*Peganum harmala*) was observed during the 2021 survey. African rue is classified by the New Mexico Department of Agriculture (NMDA) as a Class B noxious weed. According to the NMDA Noxious Weed website: "*The Noxious Weeds Management Act directs NMDA to develop a noxious weed list for the state, identify methods of control, and educate the public about noxious weeds. NMDA coordinates weed management among local, state, and federal land managers, as well as private landowners.*" Class B species are limited to portions of the state, i.e. the plants are not found statewide. In areas with severe infestations, management should be designed to contain the infestation and stop any further spread (NMDA 2020). Private landowners can work with the NMDA to develop weed management plans if they choose to do so.

### 3.4.2 Reference Site Diversity

Twenty plant species were recorded at the Reference Site during the surveys. Nineteen (19) were recorded during the line point intercept transects and one additional species was observed during the belt transects that was not in the line point intercept. The C index for the Reference Site was calculated at  $C=0.211$ , with the complement  $1-C=0.789$ . The Simpson's Diversity Index indicated that the Reference Site was more diverse than the Tailings Site. The Reference Site did not exceed the vegetation success standard for individual cover percentages for the class type warm perennial grasses which requires that at least three species be present with an individual canopy cover of 1%. One species of perennial grasses, low woollygrass, was observed on the Reference Site and that species did not exceed the 1% cover criteria. The Reference Site did exceed the success standard for the class type for perennial shrubs. Two species, broom dalea and longleaf jointfir, exceeded the individual cover percentage of 0.50% cover. The Reference Site also exceeded the revegetation success criteria provided in the MMD guidance for having greater than two species of native non-weedy forbs each at an individual cover percentage greater than 0.1%.

## 4.0 Statistical Analysis

### 4.1 Methods

#### 4.1.1 Data Analysis

Analysis of the Deming Mill monitoring data was performed according to the methods specified in New Mexico Energy, Minerals and Natural Resources Department Mining and Minerals Division 19.8 NMAC Attachment 1, Coal Mine Reclamation Program Vegetation Standards (MMD 1999). All statistical analyses were completed in Excel (Microsoft 2016).

#### 4.1.2 Sample Adequacy

The Cochran formula (1977) was applied to percent canopy cover data collected during the 2021 survey at the Deming Mill Tailing impoundment site to determine *n*. Fifteen (15) transects for the Tailings Site and eighteen (18) transects for the Reference Site were measured.

#### 4.1.3 Tests of Normality

Because the statistical procedures used to analyze the Deming Mill monitoring data are based on the assumption that the data follow a normal distribution, parameter estimates were visually inspected and the Shapiro-Wilk Expanded Test (1965) was performed to assess normality of canopy cover, basal cover, and shrub density for each of the sites separately.

#### 4.1.4 Hypothesis Tests

In order to evaluate the 2021 Deming Mill monitoring data against the revegetation success criteria required by MMD Permit LU008RE and Mod 18-1 (Table 2), the one-sample, one-sided Student's *t*-test (Neter et al. 1985) was performed. The test compared whether canopy cover and basal cover at the Tailings Site was equal to or greater than 70% of the canopy cover and basal cover at the Reference Site. Additionally, testing was performed to determine whether log-transformed shrub density at the Tailings Site was equal to or greater than the log of 60% of the shrub density at the Reference Site. Formulae and assumptions are provided in Appendix B.

## 5.0 Statistical Findings

The summary statistics for vegetation success monitoring are presented in Table 8 below. Data analysis results are presented in the following section and in Appendix B.

**Table 8 - 2021 Vegetation Monitoring Summary Statistics**

Measurement Variable		
Parameter	Tailings	Reference Area
Canopy Cover %		
Mean	59.2%	43.9%
Standard Deviation	8.8%	7.2%
Number of samples	15	18
MMD Standard Met	Yes	--
Basal Cover %		
Mean	21.7%	11.7%

Standard Deviation	6.2%	5.7%
Number of samples	15	18
MMD Standard Met	Yes	--
<b>Shrub Density (Shrubs/Acre)</b>		
Mean Shrubs/Acre	1905	313
Standard Deviation	1429	198
Number of samples	15	18
MMD Standard Met	Yes	--

## 5.1 Data Analysis Results

### 5.1.1 Sample Adequacy

Enough transects were collected to achieve 90% confidence that the sample means for percent canopy cover and shrub density for both the Tailings Site and the Reference Site lie within 10% of the true population means (Appendix B, Table B-1). Cochran's  $n$  for basal cover data at the Tailings Site shows that enough transects were collected to achieve 90% confidence that the sample mean for basal cover will lie within 10% of the true population mean. Cochran's  $n$  for basal cover at the Reference site is higher than the number of samples collected. Cochran's  $n$  is highly reliant on the distribution of the data and when more samples were collected at the reference site for basal cover Cochran's  $n$  would get higher for this factor. With Cochran's  $n$  measuring low for the canopy cover and shrub density, we believe that we collected enough transects regardless of Cochran's  $n$  for basal cover not being met at the reference site. Additionally, basal cover is not a required revegetation success criteria required by the MMD.

### 5.1.2 Tests of Normality

The assessment indicated that percent canopy cover was normally distributed for both the Tailings Site and the Reference Site. Percent basal cover was also normally distributed for both the Tailings Site and the Reference Site. Shrubs per acre was normally distributed for both sites after a log-transformation was applied (Appendix B, Table B-2).

### 5.1.3 Hypothesis Tests

Table B-3 in Appendix B indicates that canopy cover and basal cover at Tailings Site are significantly greater than 70% of the canopy cover and basal cover at the Reference Site ( $t_{\text{calculated}} > t_{\text{critical}}$ ,  $d.f. = 31$ ,  $p = 0.1$ ). Additionally, it also indicates that shrub density at the Tailings site is significantly greater than 60% of shrub density at the Reference Site ( $t_{\text{calculated}} > t_{\text{critical}}$ ,  $d.f. = 31$ ,  $p = 0.1$ ). Therefore, the MMD Permit LU008RE and Mod 18-1 standard is clearly met in all cases.

## 6.0 Summary and Discussion

The revegetation success monitoring requires measurement of the variables plant canopy cover, shrub density, and plant species diversity on the revegetation site and compares the measurements to a performance standard under permit LU008RE and Modification 18-1. The revegetation success criteria outlined in Permit LU008RE and Modification 18-1 states that mean canopy cover at the revegetation site must be equal to or greater than 70% of the mean canopy cover measured at the Reference Site and shrub density on the treatment site must be equal to or greater than 60% of the density measured at the Reference Site. Additionally, three species of warm-season perennial grasses with a minimum

individual percent coverage of 1%, two species of perennial shrubs must be present with a 0.5% individual coverage, and finally, two species of non-weedy native forbs must be present at the sites with an individual percent cover of 0.1%. The results of the 2021 Vegetation Monitoring indicate that all the criteria have been met for the Tailings Site during the third year of monitoring, with the exception of the class criteria of non-weedy native forbs not exceeding the percent coverage criteria by one additional species.

The canopy cover at the Tailings Site was significantly greater than the cover requirement outlined in the revegetation success criteria of 70% of the Reference Site. Mean total canopy cover at the Tailings Site was  $59.2\% \pm 8.8\%$ , in comparison to the Reference Area cover  $43.9\% \pm 7.2\%$ . The treatment site had a relative perennial canopy cover of 88.4% (52.33% total canopy cover) compared to the relative perennial plant cover on the Reference area 9.9% (4.33% total canopy cover). The canopy coverage at the Tailings Site consisted primarily of perennial grasses at a 62.3% relative canopy coverage. The surveys at the Reference Site revealed a species composition of primarily forbs, shrubs, and annual grasses. Only one species of perennial grass was observed on the Reference Site (low woolygrass 1.9% relative cover). By contrast the Tailings Site had a diverse array of grasses, as a result of seeding efforts, which overtime will prove to be more stable for the proposed PMLU for wildlife.

Shrub density at the Tailings Site was also quantified and was found to meet the revegetation success criteria and to have a significantly higher shrub density than the Reference Site and exceeded the 60% performance standard. Mean shrub density on the Deming Tailing Impoundment was estimated at  $1905 \pm 1429$ , about 6 times the Reference Area shrub density of  $313 \pm 188$  shrubs/acre. The species composition partly explains this dramatic difference. Broom snakeweed, which was by far the most prevalent shrub in the Tailings Site, is a native perennial shrub that is often found growing in colonies that quickly spread during the early successional stages of a disturbed site with poor soils, such as that of the Tailings Site (Ralphs & McDaniel, 2011). By contrast, the abundance of broom snakeweed was dramatically lower at the Reference Site, which may be representative of later-succession type vegetation.

Diversity amongst the sites was also compared. The total number of species observed at each site during the surveys were 23 species at the Tailings Site, and 20 at the Reference Site. The Simpson's diversity index was calculated using the line point intercept data; it indicated that the Reference Site had higher diversity than the Tailings Site. The Simpson's diversity index is a measure of diversity which takes into account the number of species present, as well as the relative abundance of each species. The Reference Site is likely to have higher diversity due to the number of annual forbs present at the site. However, the vegetation on the Tailing impoundment meets the diversity requirements for all of the vegetation class types outlined in the success criteria besides the class cover requirement for non-weedy native forbs. The criteria states that two species of native non-weedy forbs are required at the site with an individual cover percentage of 0.10%. Four species of forbs were recorded having canopy coverage. One species (rattlesnake weed) had a coverage of 0.27%, three additional species of forb were measured at 0.07% individual coverage at the tailings site. The class cover requirement did not meet the 0.10% requirement for a second forb species only by 0.03% by three separate forb species. Many different factors could have contributed to the relative lack of forbs observed during this year's surveys such as competition from native grasses. Dickson & Busby 2009 cite a number of sources that indicate why forb coverage may be low in restoration sites. An excerpt of this explanation is presented here:

*Comparatively low forb establishment in restorations may be due to low seeding richness and density of forbs (Seabloom et al. 2003; Sheley & Half 2006) or to the inhibitory effects of*



*seeding high densities of dominant grasses (Weber 1999; Kindscher & Fraser 2000). "Conservative" species are also generally absent from restorations. Conservative species are rarely found outside undisturbed remnant plant communities and can be thought of as late successional (Swink & Wilhelm 1994). These species are hypothesized to be inhibited by high densities of dominant grasses and other aggressive species (Packard 1997). Although it is recognized that high densities of dominant grasses may hinder the establishment of forbs (Kindscher & Fraser 2000) and conservative species (Weber 1999), there are several reasons many prairie restorationists continue to seed dominant grasses at high densities. Restorationists have been influenced by the agricultural practice of planting high densities of dominant grasses as a way to reduce soil erosion (Boyd 1942; Jelinski & Kulakow 1996). (Dickson & Busby, 2009).*

Additionally, weather, time of year of the surveys, or the randomized nature of the sampling not capturing many forbs at the site could also be a factor. These factors may be a more likely scenario since last year's monitoring met the native non-weedy forb criteria. This finding should not negatively impact the otherwise overwhelming evidence that shows that revegetation was successful at the Tailings Site as demonstrated in all other criteria for revegetation success not only being met but exceeded. The Reference Site which is considered the comparative standard to determine if the Tailings Site meets the criteria of a self-sustaining ecosystem only meets the vegetation class cover requirements for non-weedy native forbs and shrub class requirements. Warm-season perennial grass requirements were not met due to the general lack of perennial grasses at the reference site. This condition is typical of shrub-invaded desert habitats which were likely utilized for cattle grazing or subjected to other desertification pressures.

Results from the 2021 vegetation survey of the Deming Tailing Impoundment indicate that revegetation of the site was successful. Additionally, last year in 2020 the site exceeded all criteria outlined in the permit. Revegetation appears to have successfully made the site a self-sustaining ecosystem as stated by the PMLU wildlife description. This is indicated by the following tables outlining the survey data collected over the last three years. There is a steady trend of increased growth documented at the Tailings Site for all factors collected for analysis.

**Table 9 - Vegetation Monitoring Summary Statistics By Survey Year**

Parameter	Reference 2019	Reference 2020	Reference 2021	Tailings 2019	Tailings 2020	Tailings 2021
<b>Canopy Cover</b>						
Mean	42.7%	48.8%	43.9%	28.0%	48.9%	59.2%
Standard Deviation	15.3%	6.7%	7.2%	14.2%	9.0%	8.8%
Standard Met	--	--	--	No	Yes	Yes
<b>Basal Cover</b>						
Mean	4.0%	12.3%	11.7%	8.0%	13.3%	21.7%
Standard Deviation	4.4%	3.4%	5.7%	6.5%	4.9%	6.2%
Standard Met	--	--	--	Yes	Not applicable	Yes

Shrub Density (Shrubs/Acre)						
Mean	435	342	313	1437	1055	1905
Standard Deviation	420	206	198	1344	824	1429
Standard Met	--	--	--	Yes	Yes	Yes

**Table 10- Vegetation Cover Class Criteria By Year**

Vegetation Class	Number of Species Required	Minimum Occurrence	Minimum Occurrence met 2019?	Minimum Occurrence met 2020?	Minimum Occurrence met 2021?
<b>Treatment Site</b>					
Perennial Warm Grass	3	1% cover each	No	Yes	Yes
Perennial Shrub	2	0.5% cover each	Yes	Yes	Yes
Non-weedy Native Forb	2	0.1% cover each	Yes	Yes	No
<b>Reference Site</b>					
Perennial Warm Grass	3	1% cover each	No	No	No
Perennial Shrub	2	0.5% cover each	Yes	No	Yes
Non-weedy Native Forb	2	0.1% cover each	Yes	Yes	Yes

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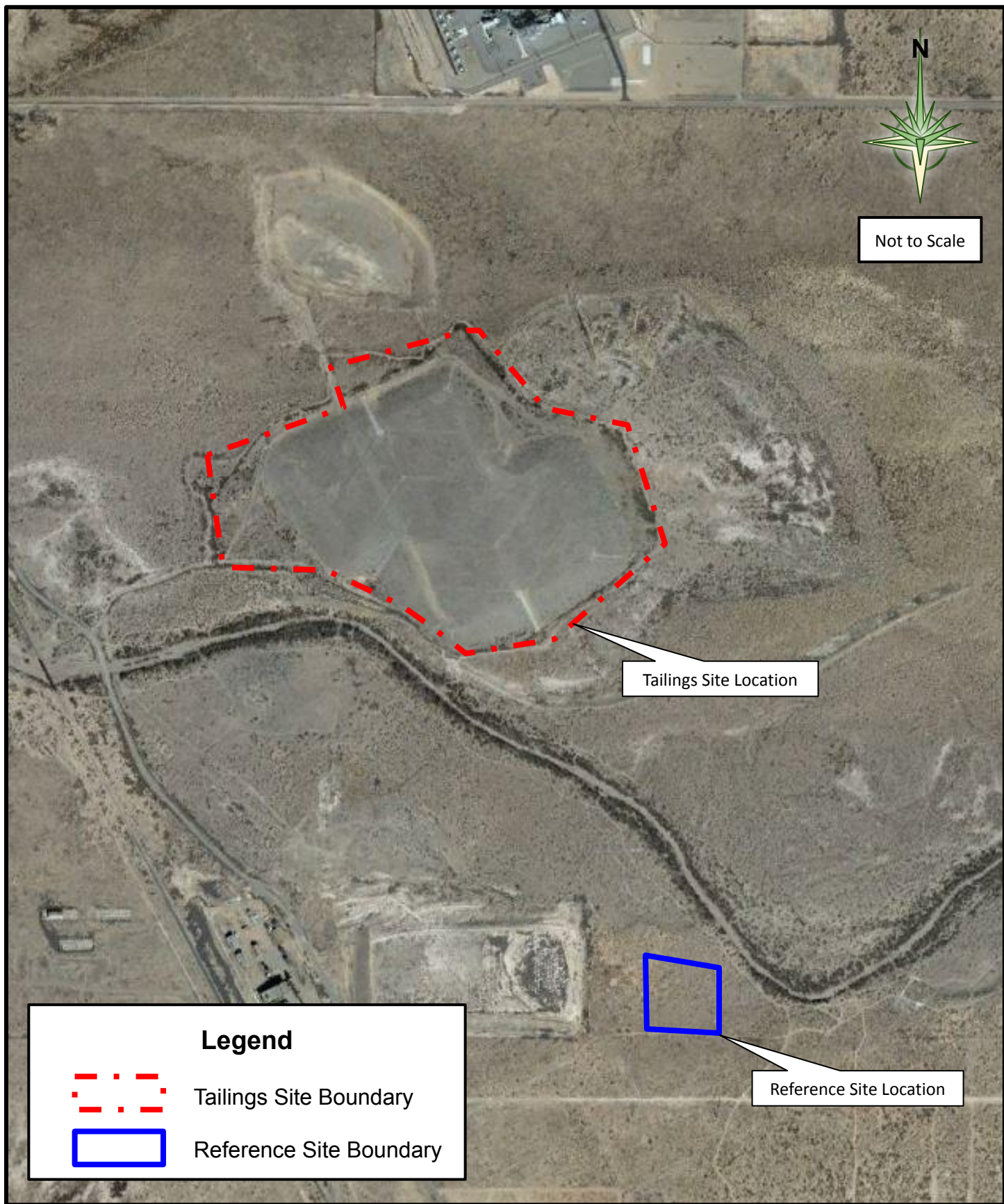
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## **APPENDIX A - MAPS**



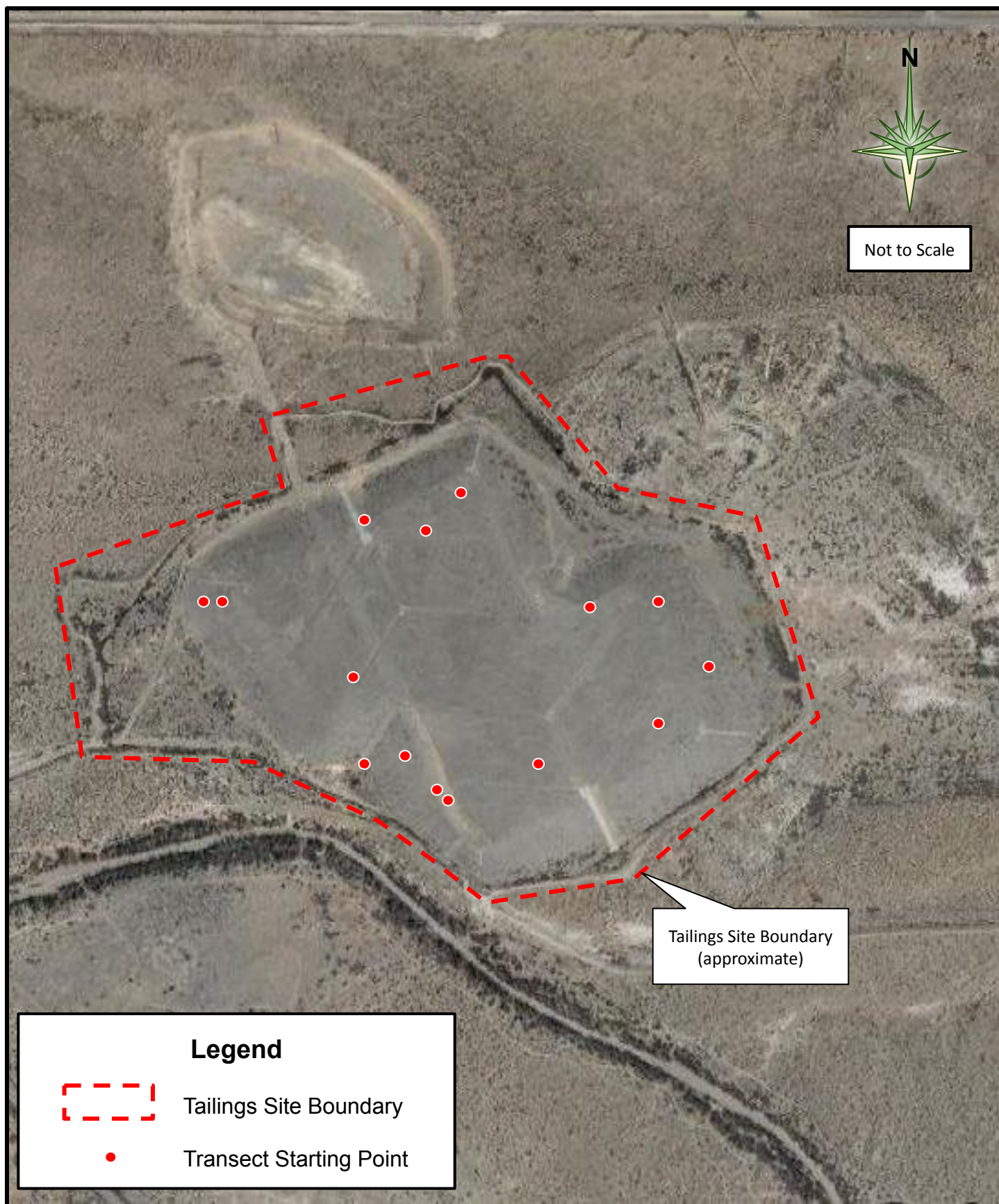
**FIGURE 1**

Aerial Photograph  
© Google Earth 2011

**DEMING MILL TAILING  
VEGETATION SUCCESS MONITORING - 2021**  
**SITE LOCATIONS**  
Deming, New Mexico

**HighDesert**  
**NATIVE PLANTS LLC**  
5404 FLEETWOOD RD EL PASO, TX 79932  
HIGHDESERTNATIVEPLANTS.COM





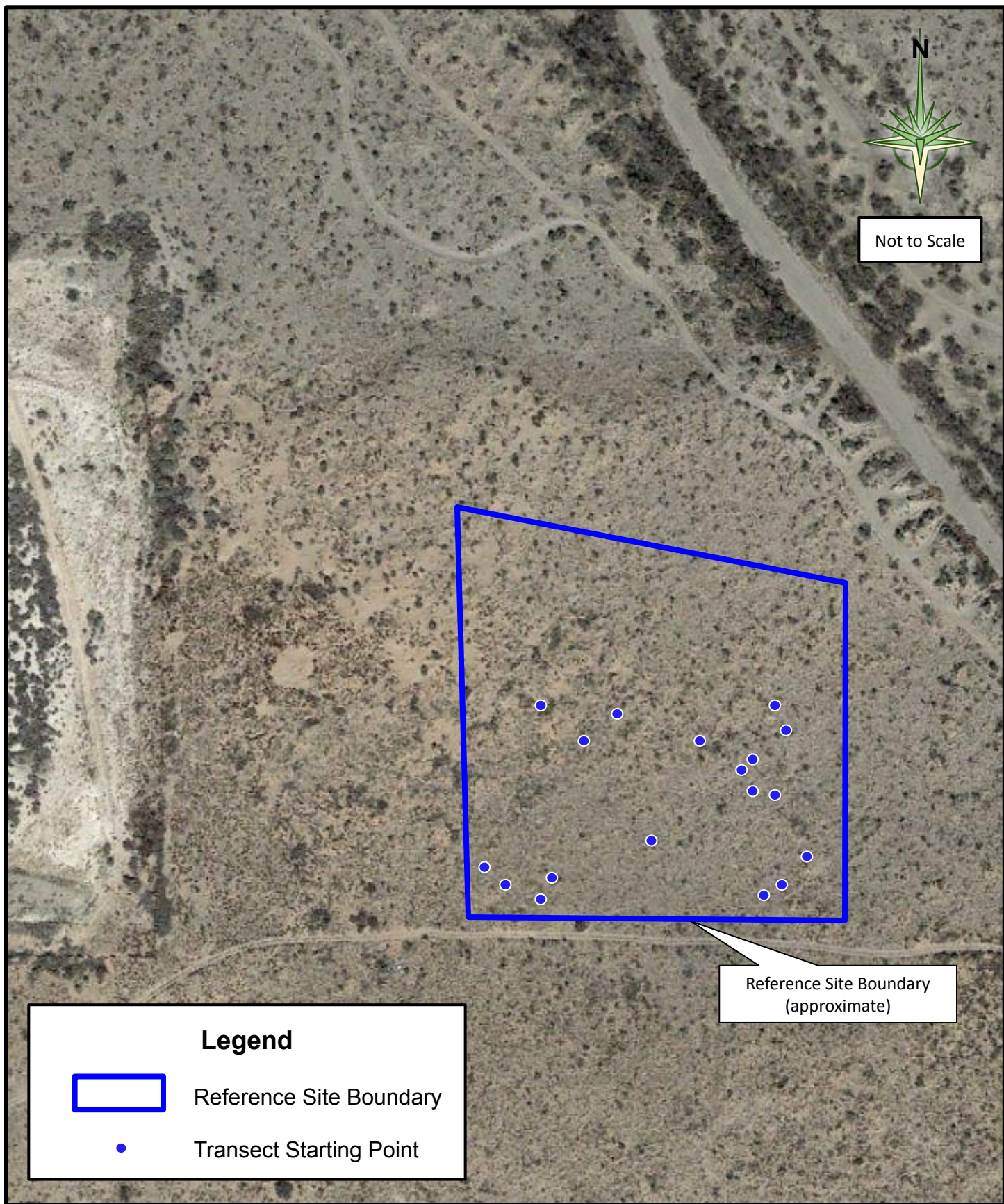
**FIGURE 2**

**Aerial Photograph**  
© Google Earth 2011

**DEMING MILL TAILING  
VEGETATION SUCCESS MONITORING - 2021**  
**TAILINGS SITE TRANSECT LOCATIONS**  
Deming, New Mexico

**HighDesert**  
**NATIVE PLANTS LLC**  
5404 FLEETWOOD RD EL PASO, TX 79932  
HIGHDESERTNATIVEPLANTS.COM





**FIGURE 3**

Aerial Photograph  
© Google Earth 2011

**DEMING MILL TAILING  
VEGETATION SUCCESS MONITORING - 2021**  
**REFERENCE SITE TRANSECT LOCATIONS**  
Deming, New Mexico

**HighDesert**  
**NATIVE PLANTS LLC**  
5404 FLEETWOOD RD EL PASO, TX 79932  
HIGHDESERTNATIVEPLANTS.COM

## **APPENDIX B - STATISTICAL ANALYSIS**

## Appendix B

### Sample Adequacy

In order to collect enough data during 2021 to achieve 90% confidence that the sample means for total live cover and shrub density lie within 10% of the true population means, the Cochran (1977) formula was calculated to obtain the minimum number of samples ( $n_{\min}$ ) required to estimate a parameter with this level of precision:

$$n_{\min} = t^2 s^2 / (0.1\bar{x})^2$$

where:

- $t$  is the tabular  $t$  value for a preliminary sample with  $n-1$  degrees of freedom and a two-tailed significance level of  $\alpha = 0.10$ ,
- $s$  is the standard deviation of a preliminary sample, and
- $\bar{x}$  is the sample mean of a preliminary sample.

Because the Cochran formula requires that the underlying data are normally distributed, basal percent cover and shrub density for both the Tailings Site and the Reference Site were transformed (see Data Analysis, Tests of Normality below).

**Table B-1. Cochran's  $n_{\min}$  for percent canopy cover for transects sampled in 2021 at the Tailings Site and the Reference Site.**

Sampling area	Parameter	Mean	Standard deviation	$t$	Cochran's $n_{\min}$
Tailings Site ( $n = 15$ )	Canopy cover (%)	0.592	0.088	1.761 <sub>(df=14, p=0.1, two-tailed)</sub>	3.345*
	Basal cover (%)	0.217	0.062	1.761 <sub>(df=14, p=0.1, two-tailed)</sub>	9.233*
	Shrub density (shrubs per acre)	1904	1429	1.761 <sub>(df=14, p=0.1, two-tailed)</sub>	4.107*
Reference Site ( $n = 18$ )	Canopy cover (%)	0.439	0.072	1.740 <sub>(df=17, p=0.1, two-tailed)</sub>	3.124*
	Basal cover (%)	0.117	0.057	1.740 <sub>(df=17, p=0.1, two-tailed)</sub>	23.571*
	Shrub density (shrubs per acre)	313	198	1.740 <sub>(df=17, p=0.1, two-tailed)</sub>	6.625*

\*Data were transformed for analysis

Table B-1 indicates that a maximum of 10 transects would need to be measured in order to achieve 90% confidence that the sample means for percent canopy cover and shrub density for both the Tailings Site and the Reference Site lie within 10% of the true population means. Cochran's  $n$  was determined to be an unreliable measure for sample adequacy for basal cover at the Reference Site due to the distribution of the data. This is demonstrated by the low values for Cochran's  $n$  for the other factors analyzed at the reference site. Percent basal coverage is not one of the revegetation success criteria required by the MMD therefore we did not rely on this data to demonstrate revegetation success.

## Tests of Normality

Many of the statistical procedures including correlation, regression, *t* tests, and analysis of variance (i.e. parametric tests) are based on the assumption that sampled data follow a normal distribution; that is, it is assumed that the populations from which the samples are taken are normally distributed (Driscoll et al. 2000). Thus, the Deming Mill monitoring data were examined graphically and with the Shapiro-Wilk Expanded Test (1965) to assess normality. The Shapiro-Wilk test is based on the correlation (*W*) between the data and the corresponding normally distributed set of scores with the same mean and standard deviation. If the test is significant ( $p < 0.05$ ), the distribution is non-normal.

**Table B-2. Shapiro-Wilk test of normality. The correlation *W* and test statistic *p* are presented for canopy cover, basal cover, and log-transformed shrub density.**

Sampling area	Parameter	<i>W</i>	<i>p</i>	Assessment
Tailings Site ( <i>n</i> = 15)	Canopy cover (%)	0.978	0.952	normal
	Basal cover (%)	0.937	0.346	normal
	Shrub density (shrubs per acre)*	0.940	0.383	normal
Reference Site ( <i>n</i> = 18)	Canopy cover (%)	0.954	0.495	normal
	Basal cover (%)	0.964	0.682	normal
	Shrub Density (shrubs per acre)*	0.916	0.109	normal

\*Data were transformed for analysis

Table B-2 indicates that percent canopy cover, percent basal cover, and log-transformed shrub density exhibit a normal distribution.

## Hypothesis Tests

The one-sample, one-sided Student's *t*-test (Neter et al. 1985) was performed to evaluate the 2021 Deming Mill monitoring data against the revegetation success criteria required by MMD Permit LU008RE and Mod 18-1. The test compared whether canopy cover at the Tailings Site was equal to or greater than 70% of the canopy cover at the Reference Site and whether log-transformed shrub density at the Tailings Site was equal to or greater than the log of 60% of the shrub density at the Tailings Site. Additionally, a test was performed to determine if basal cover at the Tailings Site was equal to or greater than 70% of the basal cover at the Reference Site even though this is not one of the revegetation success criteria required by the MMD. Specifically, the *t*-test evaluated the following mutually exclusive null ( $H_0$ ) and alternative ( $H_A$ ) hypotheses:

Canopy cover:  $H_0$ : Tailings Site < 70% Reference Site  
 $H_A$ : Tailings Site  $\geq$  70% Reference Site

Basal cover:  $H_0$ : Tailings Site < 70% Reference Site  
 $H_A$ : Tailings Site  $\geq$  70% Reference Site

Shrub density:  $H_0$ : Tailings Site < 60% Reference Site

$H_A$ : Tailings Site  $\geq$  60% Reference Site

For each set of hypotheses, the parameter estimates were compared to the performance standard using the one-sample, one-sided  $t$  test:

$$t^* = \frac{\bar{x} - [0.7 \text{ or } 0.6] (\text{Reference mean})}{s/\sqrt{n}}$$

Where:

$t^*$  is the calculated  $t$ -statistic,  
 $\bar{x}$  is the sample mean,  
 $s$  is the standard deviation of the sample, and  
 $n$  is the sample size.

The  $\alpha$ -level of the test is 0.10 by regulation, and the decision rules for testing the reverse null hypothesis are as follows:

if  $t^* < t(1 - \alpha; n - 1)$ , conclude failure to meet the performance standard, or  
 if  $t^* \geq t(1 - \alpha; n - 1)$ , conclude that the performance standard was met.

**Table B-3. Results of one-sample Student's  $t$ -test.**

Parameter	Tailings Site mean	Reference Site			$t_{\text{critical}}$	$t_{\text{calculated}}$	Standard met?
		mean	$s$	$n$			
Canopy cover (%)	0.592	0.439	0.088	33	1.309 <sub>(df=31, p=0.1)</sub>	18.479	Yes
Basal cover (%)	0.217	0.117	0.062	33	1.309 <sub>(df=31, p=0.1)</sub>	12.596	Yes
Shrub density (shrubs per acre)	1904	312	1429	33	1.309 <sub>(df=31, p=0.1)</sub>	27.232*	Yes

\*Analysis was performed on log-transformed data

Table B-3 indicates that for all parameters, the calculated  $t$ -statistic is greater than the critical  $t$ -statistic. Thus, we can reject the null hypothesis that the canopy cover, basal cover, and shrub density at Tailings Site is less than the Reference and accept the alternative hypothesis. Therefore, the standard is met in all cases.

## **APPENDIX C - PHOTOGRAPHS**



### Site Photos from November 2021 Revegetation Success Monitoring Surveys



**Photo 1 & 2 Transect line R1 at Reference Site.**  
**Left Photograph taken facing north, right photo facing south.**  
**Note the prevalence of sparse shrubs and lack of perennial grass.**



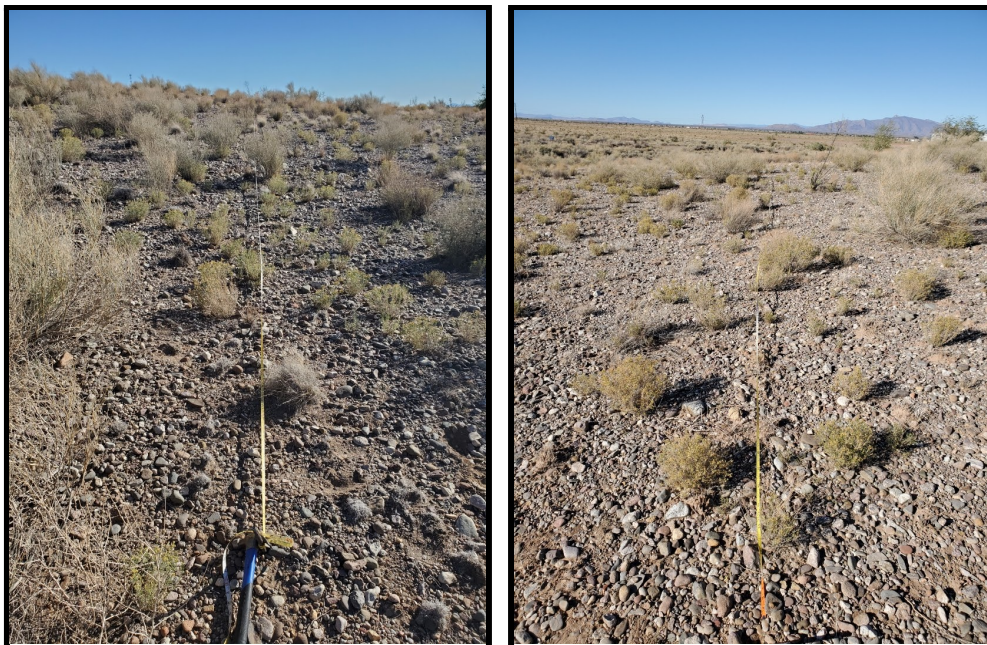
**Photos 3 & 4 - Transect line T1 at Tailings Site.**  
**Left Photograph facing north, right photo facing south.**  
**Note the prevalence of perennial grass cover.**



### Site Photos from November 2021 Revegetation Success Monitoring Surveys



**Photo 5 & 6 Transect line R23 at Reference Site.**  
**Left Photograph taken facing north, right photo facing south.**  
**Note the prevalence of sparse shrubs and lack of perennial grass.**



**Photos 7 & 8 - Transect line T20 at Tailings Site.**  
**Left Photograph facing north, right photo facing south.**  
**Note the prevalence of perennial grass cover.**



### Site Photos from November 2021 Revegetation Success Monitoring Surveys



**Photo 9 & 10 Transect line R3 at Reference Site.**  
**Left Photograph taken facing north, right photo facing south.**  
**Note the prevalence of sparse shrubs and lack of perennial grass.**



**Photos 11 & 12 - Transect line T2 at Tailings Site.**  
**Left Photograph facing north, right photo facing south.**  
**Note the prevalence of perennial grass cover.**

## **APPENDIX D - DATA SHEETS**

## **Tailings Site Line Point Intercept Data Sheets**

_record_id	_updated_at	_latitude	_longitude	intercept_number	intercept_point	canopy_cover_type	canopy_cover_species	basal_cover_type	basal_cover_species
T17	2021-10-27 22:10:32 UTC	32.2919714	-107.7876403	1	0.5	Shrub	GUSA2, Gutierrezia sarothrae, Perennial Subshrub	Bare Ground	
T17	2021-10-27 22:10:43 UTC	32.2919794	-107.7876464	2	1	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Bare Ground	
T17	2021-10-27 22:10:45 UTC	32.2919799	-107.7876506	3	1.5	Bare Ground		Bare Ground	
T17	2021-10-27 22:10:57 UTC	32.2919799	-107.7876506	4	2	Shrub	GUSA2, Gutierrezia sarothrae, Perennial Subshrub	Bare Ground	
T17	2021-10-27 22:11:15 UTC	32.2919854	-107.7876529	5	2.5	Shrub	GUSA2, Gutierrezia sarothrae, Perennial Subshrub	Bare Ground	
T17	2021-10-27 22:11:21 UTC	32.2919999	-107.787657	6	3	Shrub	GUSA2, Gutierrezia sarothrae, Perennial Subshrub	Bare Ground	
T17	2021-10-27 22:11:30 UTC	32.2919994	-107.7876539	7	3.5	Shrub	GUSA2, Gutierrezia sarothrae, Perennial Subshrub	Bare Ground	
T17	2021-10-27 22:11:32 UTC	32.2920036	-107.7876535	8	4	Bare Ground		Bare Ground	
T17	2021-10-27 22:11:36 UTC	32.2920036	-107.7876535	9	4.5	Bare Ground		Bare Ground	
T17	2021-10-27 22:11:43 UTC	32.2920082	-107.7876564	10	5	Bare Ground		Bare Ground	
T17	2021-10-27 22:12:17 UTC	32.2920218	-107.7876586	11	5.5	Grass	ARPU9, Aristida purpurea, Perennial Graminoid	Bare Ground	
T17	2021-10-27 22:12:40 UTC	32.2920325	-107.7876522	12	6	Grass	ARPU9, Aristida purpurea, Perennial Graminoid	Bare Ground	
T17	2021-10-27 22:13:38 UTC	32.2920445	-107.7876524	13	6.5	Grass	ARPU9, Aristida purpurea, Perennial Graminoid	Bare Ground	
T17	2021-10-27 22:13:41 UTC	32.2920473	-107.7876608	14	7	Bare Ground		Bare Ground	
T17	2021-10-27 22:13:46 UTC	32.2920468	-107.7876608	15	7.5	Bare Ground		Bare Ground	
T17	2021-10-27 22:13:54 UTC	32.292047	-107.7876603	16	8	Shrub	GUSA2, Gutierrezia sarothrae, Perennial Subshrub	Bare Ground	
T17	2021-10-27 22:13:59 UTC	32.2920619	-107.7876534	17	8.5	Bare Ground		Bare Ground	
T17	2021-10-27 22:14:14 UTC	32.2920619	-107.7876543	18	9	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Bare Ground	
T17	2021-10-27 22:14:16 UTC	32.2920626	-107.7876564	19	9.5	Bare Ground		Bare Ground	
T17	2021-10-27 22:14:25 UTC	32.2920626	-107.7876564	20	10	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Bare Ground	
T17	2021-10-27 22:14:32 UTC	32.2920723	-107.7876526	21	10.5	Shrub	GUSA2, Gutierrezia sarothrae, Perennial Subshrub	Bare Ground	
T17	2021-10-27 22:14:36 UTC	32.2920763	-107.7876504	22	11	Bare Ground		Bare Ground	
T17	2021-10-27 22:14:38 UTC	32.2920806	-107.7876509	23	11.5	Bare Ground		Bare Ground	
T17	2021-10-27 22:14:51 UTC	32.2920832	-107.7876514	24	12	Shrub	GUSA2, Gutierrezia sarothrae, Perennial Subshrub	Bare Ground	
T17	2021-10-27 22:14:53 UTC	32.2920898	-107.7876586	25	12.5	Bare Ground		Bare Ground	
T17	2021-10-27 22:14:56 UTC	32.2920902	-107.7876591	26	13	Bare Ground		Bare Ground	
T17	2021-10-27 22:14:59 UTC	32.2920903	-107.7876592	27	13.5	Bare Ground		Bare Ground	
T17	2021-10-27 22:15:01 UTC	32.2920901	-107.7876595	28	14	Bare Ground		Bare Ground	
T17	2021-10-27 22:15:03 UTC	32.2920902	-107.78766	29	14.5	Bare Ground		Bare Ground	
T17	2021-10-27 22:15:06 UTC	32.2920899	-107.78766	30	15	Bare Ground		Bare Ground	
T17	2021-10-27 22:15:15 UTC	32.29209	-107.7876602	31	15.5	Shrub	PSSC6, Psoralea scoparius, Perennial Shrub	Bare Ground	
T17	2021-10-27 22:15:19 UTC	32.2920914	-107.7876615	32	16	Bare Ground		Bare Ground	
T17	2021-10-27 22:15:30 UTC	32.2920921	-107.7876608	33	16.5	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid
T17	2021-10-27 22:15:32 UTC	32.2921125	-107.7876617	34	17	Bare Ground		Bare Ground	
T17	2021-10-27 22:15:36 UTC	32.2921146	-107.7876625	35	17.5	Bare Ground		Bare Ground	
T17	2021-10-27 22:15:39 UTC	32.2921189	-107.7876633	36	18	Bare Ground		Bare Ground	
T17	2021-10-27 22:15:42 UTC	32.2921188	-107.7876615	37	18.5	Bare Ground		Bare Ground	
T17	2021-10-27 22:15:59 UTC	32.2921212	-107.7876603	38	19	Grass	ARAD, Aristida adscensionis, Annual Graminoid	Bare Ground	
T17	2021-10-27 22:16:02 UTC	32.2921498	-107.7876561	39	19.5	Bare Ground		Bare Ground	
T17	2021-10-27 22:16:09 UTC	32.2921511	-107.7876567	40	20	Bare Ground		Bare Ground	
T17	2021-10-27 22:16:16 UTC	32.2921536	-107.7876592	41	20.5	Bare Ground		Bare Ground	
T17	2021-10-27 22:16:20 UTC	32.2921584	-107.7876603	42	21	Bare Ground		Bare Ground	
T17	2021-10-27 22:17:07 UTC	32.2921609	-107.7876619	43	21.5	Grass	BOBA2, Bouteloua barbata, Annual Graminoid	Grass	BOBA2, Bouteloua barbata, Annual Graminoid
T17	2021-10-27 22:17:12 UTC	32.2921811	-107.7876695	44	22	Rock		Rock	
T17	2021-10-27 22:17:20 UTC	32.2921828	-107.7876694	45	22.5	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Rock	
T17	2021-10-27 22:17:25 UTC	32.2921803	-107.7876677	46	23	Rock		Rock	
T17	2021-10-27 22:17:34 UTC	32.2921789	-107.7876659	47	23.5	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Rock	
T17	2021-10-27 22:17:42 UTC	32.2921743	-107.7876653	48	24	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Rock	
T17	2021-10-27 22:17:47 UTC	32.2921706	-107.7876672	49	24.5	Rock		Rock	
T17	2021-10-27 22:17:56 UTC	32.2921707	-107.7876672	50	25	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Rock	
T17	2021-10-27 22:18:07 UTC	32.2921707	-107.7876672	51	25.5	Rock		Rock	
T17	2021-10-27 22:18:10 UTC	32.2921958	-107.7876682	52	26	Bare Ground		Bare Ground	
T17	2021-10-27 22:18:14 UTC	32.2921989	-107.7876688	53	26.5	Bare Ground		Bare Ground	
T17	2021-10-27 22:18:18 UTC	32.2922016	-107.7876649	54	27	Bare Ground		Bare Ground	
T17	2021-10-27 22:19:03 UTC	32.2922115	-107.7876633	55	27.5	Shrub	GUSA2, Gutierrezia sarothrae, Perennial Subshrub	Litter	

_record_id	_updated_at	_latitude	_longitude	intercept_number	intercept_point	canopy_cover_type	canopy_cover_species	basal_cover_type	basal_cover_species
T17	2021-10-27 22:19:14 UTC	32.2922363	-107.7876699	56	28	Shrub	GUSA2, Gutierrezia sarothrae, Perennial Subshrub	Litter	
T17	2021-10-27 22:19:17 UTC	32.2922369	-107.7876681	57	28.5	Bare Ground		Bare Ground	
T17	2021-10-27 22:19:27 UTC	32.2922375	-107.7876682	58	29	Shrub	GUSA2, Gutierrezia sarothrae, Perennial Subshrub	Bare Ground	
T17	2021-10-27 22:19:32 UTC	32.2922349	-107.7876672	59	29.5	Bare Ground		Bare Ground	
T17	2021-10-27 22:19:35 UTC	32.2922357	-107.7876677	60	30	Bare Ground		Bare Ground	
T17	2021-10-27 22:19:37 UTC	32.2922349	-107.7876682	61	30.5	Bare Ground		Bare Ground	
T17	2021-10-27 22:19:44 UTC	32.2922379	-107.7876684	62	31	Bare Ground		Bare Ground	
T17	2021-10-27 22:19:48 UTC	32.2922499	-107.7876672	63	31.5	Bare Ground		Bare Ground	
T17	2021-10-27 22:19:52 UTC	32.2922561	-107.7876669	64	32	Bare Ground		Bare Ground	
T17	2021-10-27 22:19:59 UTC	32.2922659	-107.7876641	65	32.5	Bare Ground		Bare Ground	
T17	2021-10-27 22:20:01 UTC	32.2922725	-107.7876669	66	33	Bare Ground		Bare Ground	
T17	2021-10-27 22:20:03 UTC	32.2922725	-107.7876669	67	33.5	Bare Ground		Bare Ground	
T17	2021-10-27 22:20:05 UTC	32.292273	-107.7876685	68	34	Bare Ground		Bare Ground	
T17	2021-10-27 22:20:08 UTC	32.2922735	-107.7876695	69	34.5	Bare Ground		Bare Ground	
T17	2021-10-27 22:20:12 UTC	32.2922748	-107.7876711	70	35	Bare Ground		Bare Ground	
T17	2021-10-27 22:20:21 UTC	32.2922771	-107.7876721	71	35.5	Shrub	GUSA2, Gutierrezia sarothrae, Perennial Subshrub	Bare Ground	
T17	2021-10-27 22:20:32 UTC	32.2922862	-107.7876714	72	36	Shrub	GUSA2, Gutierrezia sarothrae, Perennial Subshrub	Shrub	GUSA2, Gutierrezia sarothrae, Perennial Subshrub
T17	2021-10-27 22:20:37 UTC	32.2922901	-107.7876766	73	36.5	Bare Ground		Bare Ground	
T17	2021-10-27 22:20:42 UTC	32.2922933	-107.7876755	74	37	Bare Ground		Bare Ground	
T17	2021-10-27 22:20:48 UTC	32.2922976	-107.7876818	75	37.5	Rock		Rock	
T17	2021-10-27 22:21:12 UTC	32.2923082	-107.7876813	76	38	Grass	ARPU9, Aristida purpurea, Perennial Graminoid	Bare Ground	
T17	2021-10-27 22:21:25 UTC	32.2923289	-107.7876852	77	38.5	Grass	ARPU9, Aristida purpurea, Perennial Graminoid	Bare Ground	
T17	2021-10-27 22:21:27 UTC	32.2923318	-107.7876839	78	39	Bare Ground		Bare Ground	
T17	2021-10-27 22:21:29 UTC	32.2923322	-107.7876841	79	39.5	Bare Ground		Bare Ground	
T17	2021-10-27 22:21:32 UTC	32.2923325	-107.7876834	80	40	Bare Ground		Bare Ground	
T17	2021-10-27 22:22:01 UTC	32.2923318	-107.787682	81	40.5	Bare Ground		Bare Ground	
T17	2021-10-27 22:22:09 UTC	32.2923412	-107.7876835	82	41	Shrub	PSSC6, Psoralea scoparius, Perennial Shrub	Bare Ground	
T17	2021-10-27 22:22:11 UTC	32.2923459	-107.7876814	83	41.5	Bare Ground		Bare Ground	
T17	2021-10-27 22:22:13 UTC	32.2923466	-107.7876813	84	42	Bare Ground		Bare Ground	
T17	2021-10-27 22:22:23 UTC	32.2923469	-107.7876812	85	42.5	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Bare Ground	
T17	2021-10-27 22:22:35 UTC	32.2923483	-107.787683	86	43	Shrub	GUSA2, Gutierrezia sarothrae, Perennial Subshrub	Shrub	GUSA2, Gutierrezia sarothrae, Perennial Subshrub
T17	2021-10-27 22:22:40 UTC	32.2923585	-107.7876782	87	43.5	Bare Ground		Bare Ground	
T17	2021-10-27 22:22:42 UTC	32.2923601	-107.7876759	88	44	Bare Ground		Bare Ground	
T17	2021-10-27 22:22:58 UTC	32.2923603	-107.7876748	89	44.5	Shrub	PSSC6, Psoralea scoparius, Perennial Shrub	Bare Ground	
T17	2021-10-27 22:23:07 UTC	32.2923811	-107.7876781	90	45	Shrub	PSSC6, Psoralea scoparius, Perennial Shrub	Litter	
T17	2021-10-27 22:23:08 UTC	32.2923828	-107.7876829	91	45.5	Bare Ground		Bare Ground	
T17	2021-10-27 22:23:23 UTC	32.2923828	-107.7876829	92	46	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid
T17	2021-10-27 22:23:25 UTC	32.2924015	-107.787689	93	46.5	Bare Ground		Bare Ground	
T17	2021-10-27 22:23:27 UTC	32.2924015	-107.787689	94	47	Bare Ground		Bare Ground	
T17	2021-10-27 22:23:32 UTC	32.2924028	-107.7876891	95	47.5	Bare Ground		Bare Ground	
T17	2021-10-27 22:23:43 UTC	32.2924053	-107.78769	96	48	Shrub	GUSA2, Gutierrezia sarothrae, Perennial Subshrub	Bare Ground	
T17	2021-10-27 22:23:58 UTC	32.2924087	-107.787684	97	48.5	Shrub	GUSA2, Gutierrezia sarothrae, Perennial Subshrub	Shrub	GUSA2, Gutierrezia sarothrae, Perennial Subshrub
T17	2021-10-27 22:24:08 UTC	32.2924122	-107.7876852	98	49	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Bare Ground	
T17	2021-10-27 22:24:13 UTC	32.292412	-107.7876858	99	49.5	Bare Ground		Bare Ground	
T17	2021-10-27 22:24:26 UTC	32.2924175	-107.7876846	100	50	Grass	ARPU9, Aristida purpurea, Perennial Graminoid	Bare Ground	
T16	2021-10-27 21:39:28 UTC	32.2921589	-107.7875253	1	0.5	Bare Ground		Bare Ground	
T16	2021-10-27 21:39:54 UTC	32.2920275	-107.7874975	2	1	Grass	ARPU9, Aristida purpurea, Perennial Graminoid	Grass	ARPU9, Aristida purpurea, Perennial Graminoid
T16	2021-10-27 21:40:28 UTC	32.2920067	-107.7875029	3	1.5	Shrub	PSSC6, Psoralea scoparius, Perennial Shrub	Grass	ARPU9, Aristida purpurea, Perennial Graminoid
T16	2021-10-27 21:40:55 UTC	32.2920056	-107.7874945	4	2	Shrub	PSSC6, Psoralea scoparius, Perennial Shrub	Bare Ground	
T16	2021-10-27 21:40:59 UTC	32.2920192	-107.7874904	5	2.5	Bare Ground		Bare Ground	
T16	2021-10-27 21:41:05 UTC	32.2920205	-107.7874912	6	3	Bare Ground		Bare Ground	
T16	2021-10-27 21:41:17 UTC	32.2920252	-107.7874992	7	3.5	Shrub	PSSC6, Psoralea scoparius, Perennial Shrub	Litter	
T16	2021-10-27 21:41:29 UTC	32.2920286	-107.787505	8	4	Shrub	PSSC6, Psoralea scoparius, Perennial Shrub	Shrub	GUSA2, Gutierrezia sarothrae, Perennial Subshrub



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T16	2021-10-27 21:41:31 UTC	32.2920328	-107.7875051	9	4.5	Bare Ground		Bare Ground	
T16	2021-10-27 21:41:38 UTC	32.2920328	-107.7875052	10	5	Shrub	PSSC6, Psorothamnus scoparius, Perennial Shrub	Bare Ground	
T16	2021-10-27 21:41:55 UTC	32.2920371	-107.7875029	11	5.5	Shrub	PSSC6, Psorothamnus scoparius, Perennial Shrub	Shrub	GUSA2, Gutierrezia sarothrae, Perennial Subshrub
T16	2021-10-27 21:42:09 UTC	32.2920581	-107.7875034	12	6	Shrub	PSSC6, Psorothamnus scoparius, Perennial Shrub	Shrub	PSSC6, Psorothamnus scoparius, Perennial Shrub
T16	2021-10-27 21:42:15 UTC	32.292058	-107.7875037	13	6.5	Shrub	PSSC6, Psorothamnus scoparius, Perennial Shrub	Bare Ground	
T16	2021-10-27 21:42:23 UTC	32.292058	-107.7875038	14	7	Shrub	PSSC6, Psorothamnus scoparius, Perennial Shrub	Bare Ground	
T16	2021-10-27 21:42:27 UTC	32.2920596	-107.7874964	15	7.5	Bare Ground		Bare Ground	
T16	2021-10-27 21:42:32 UTC	32.2920592	-107.7874966	16	8	Bare Ground		Bare Ground	
T16	2021-10-27 21:42:47 UTC	32.2920626	-107.7874998	17	8.5	Shrub	PSSC6, Psorothamnus scoparius, Perennial Shrub	Shrub	PSSC6, Psorothamnus scoparius, Perennial Shrub
T16	2021-10-27 21:43:12 UTC	32.2920743	-107.7874994	18	9	Shrub	PSSC6, Psorothamnus scoparius, Perennial Shrub	Forb	CHAL11, Euphorbia albomarginata, Perennial Forb
T16	2021-10-27 21:44:03 UTC	32.2920712	-107.7875082	19	9.5	Shrub	PSSC6, Psorothamnus scoparius, Perennial Shrub	Grass	ARPU9, Aristida purpurea, Perennial Graminoid
T16	2021-10-27 21:44:07 UTC	32.2920832	-107.7875019	20	10	Woody Litter		Woody Litter	
T16	2021-10-27 21:44:19 UTC	32.2920832	-107.787502	21	10.5	Shrub	PSSC6, Psorothamnus scoparius, Perennial Shrub	Shrub	PSSC6, Psorothamnus scoparius, Perennial Shrub
T16	2021-10-27 21:44:28 UTC	32.2920865	-107.7875098	22	11	Shrub	PSSC6, Psorothamnus scoparius, Perennial Shrub	Woody Litter	
T16	2021-10-27 21:44:38 UTC	32.2920938	-107.787506	23	11.5	Shrub	PSSC6, Psorothamnus scoparius, Perennial Shrub	Woody Litter	
T16	2021-10-27 21:44:51 UTC	32.292104	-107.7875028	24	12	Shrub	PSSC6, Psorothamnus scoparius, Perennial Shrub	Shrub	PSSC6, Psorothamnus scoparius, Perennial Shrub
T16	2021-10-27 21:45:03 UTC	32.2921096	-107.7875072	25	12.5	Shrub	PSSC6, Psorothamnus scoparius, Perennial Shrub	Shrub	GUSA2, Gutierrezia sarothrae, Perennial Subshrub
T16	2021-10-27 21:45:04 UTC	32.292113	-107.7875054	26	13	Bare Ground		Bare Ground	
T16	2021-10-27 21:45:07 UTC	32.292113	-107.7875054	27	13.5	Bare Ground		Bare Ground	
T16	2021-10-27 21:45:14 UTC	32.2921172	-107.7875037	28	14	Bare Ground		Bare Ground	
T16	2021-10-27 21:45:28 UTC	32.2921233	-107.7875077	29	14.5	Shrub	PSSC6, Psorothamnus scoparius, Perennial Shrub	Bare Ground	
T16	2021-10-27 21:45:29 UTC	32.2921334	-107.7875107	30	15	Bare Ground		Bare Ground	
T16	2021-10-27 21:45:31 UTC	32.2921334	-107.7875107	31	15.5	Bare Ground		Bare Ground	
T16	2021-10-27 21:45:33 UTC	32.2921339	-107.7875117	32	16	Bare Ground		Bare Ground	
T16	2021-10-27 21:45:35 UTC	32.2921344	-107.787513	33	16.5	Bare Ground		Bare Ground	
T16	2021-10-27 21:45:40 UTC	32.2921353	-107.7875135	34	17	Bare Ground		Bare Ground	
T16	2021-10-27 21:45:56 UTC	32.2921353	-107.7875134	35	17.5	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid
T16	2021-10-27 21:46:04 UTC	32.2921533	-107.7875034	36	18	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Rock	
T16	2021-10-27 21:46:11 UTC	32.2921538	-107.7875006	37	18.5	Rock		Rock	
T16	2021-10-27 21:46:22 UTC	32.2921615	-107.7875007	38	19	Rock		Rock	
T16	2021-10-27 21:46:32 UTC	32.2921637	-107.7875013	39	19.5	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Rock	
T16	2021-10-27 21:46:37 UTC	32.2921705	-107.7875068	40	20	Rock		Rock	
T16	2021-10-27 21:46:41 UTC	32.2921712	-107.787509	41	20.5	Rock		Rock	
T16	2021-10-27 21:46:46 UTC	32.2921734	-107.7875091	42	21	Rock		Rock	
T16	2021-10-27 21:46:51 UTC	32.2921739	-107.7875092	43	21.5	Rock		Rock	
T16	2021-10-27 21:46:59 UTC	32.2921738	-107.7875092	44	22	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Rock	
T16	2021-10-27 21:47:11 UTC	32.2921739	-107.7875093	45	22.5	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Bare Ground	
T16	2021-10-27 21:47:27 UTC	32.2921892	-107.7875094	46	23	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid
T16	2021-10-27 21:47:29 UTC	32.2922186	-107.7875066	47	23.5	Bare Ground		Bare Ground	
T16	2021-10-27 21:47:30 UTC	32.2922186	-107.7875066	48	24	Bare Ground		Bare Ground	
T16	2021-10-27 21:47:33 UTC	32.2922194	-107.7875067	49	24.5	Bare Ground		Bare Ground	
T16	2021-10-27 21:48:29 UTC	32.2922198	-107.7875068	50	25	Grass	ARPU9, Aristida purpurea, Perennial Graminoid	Bare Ground	
T16	2021-10-27 21:48:38 UTC	32.2922362	-107.7875035	51	25.5	Shrub	GUSA2, Gutierrezia sarothrae, Perennial Subshrub	Bare Ground	
T16	2021-10-27 21:48:46 UTC	32.2922364	-107.787504	52	26	Bare Ground		Bare Ground	
T16	2021-10-27 21:48:55 UTC	32.2922451	-107.7874919	53	26.5	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Bare Ground	
T16	2021-10-27 21:49:07 UTC	32.2922399	-107.7875005	54	27	Shrub	PSSC6, Psorothamnus scoparius, Perennial Shrub	Bare Ground	

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T16	2021-10-27 21:49:19 UTC	32.2922538	-107.7875062	55	27.5	Shrub	GUSA2, Gutierrezia sarothrae, Perennial Subshrub	Bare Ground	
T16	2021-10-27 21:49:20 UTC	32.29225	-107.7875059	56	28	Bare Ground		Bare Ground	
T16	2021-10-27 21:49:23 UTC	32.29225	-107.7875056	57	28.5	Bare Ground		Bare Ground	
T16	2021-10-27 21:49:25 UTC	32.2922515	-107.7875021	58	29	Bare Ground		Bare Ground	
T16	2021-10-27 21:49:33 UTC	32.2922515	-107.7875021	59	29.5	Grass	ARPU9, Aristida purpurea, Perennial Graminoid	Bare Ground	
T16	2021-10-27 21:49:36 UTC	32.2922557	-107.7875042	60	30	Bare Ground		Bare Ground	
T16	2021-10-27 21:49:38 UTC	32.2922646	-107.7875082	61	30.5	Bare Ground		Bare Ground	
T16	2021-10-27 21:49:47 UTC	32.2922742	-107.7875139	62	31	Shrub	GUSA2, Gutierrezia sarothrae, Perennial Subshrub	Bare Ground	
T16	2021-10-27 21:49:52 UTC	32.2922709	-107.787521	63	31.5	Litter		Litter	
T16	2021-10-27 21:50:03 UTC	32.2922712	-107.7875225	64	32	Shrub	PSSC6, Psoralea scoparius, Perennial Shrub	Bare Ground	
T16	2021-10-27 21:50:17 UTC	32.292296	-107.7875088	65	32.5	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Bare Ground	
T16	2021-10-27 21:50:21 UTC	32.2922946	-107.7875088	66	33	Bare Ground		Bare Ground	
T16	2021-10-27 21:50:22 UTC	32.2922996	-107.787508	67	33.5	Bare Ground		Bare Ground	
T16	2021-10-27 21:50:24 UTC	32.2922996	-107.787508	68	34	Bare Ground		Bare Ground	
T16	2021-10-27 21:50:31 UTC	32.2923137	-107.787508	69	34.5	Bare Ground		Bare Ground	
T16	2021-10-27 21:50:35 UTC	32.2923201	-107.7875123	70	35	Bare Ground		Bare Ground	
T16	2021-10-27 21:50:45 UTC	32.2923193	-107.7875146	71	35.5	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Bare Ground	
T16	2021-10-27 21:50:53 UTC	32.2923155	-107.7875153	72	36	Grass	GUSA2, Gutierrezia sarothrae, Perennial Subshrub	Bare Ground	
T16	2021-10-27 21:50:56 UTC	32.2923225	-107.7875073	73	36.5	Bare Ground		Bare Ground	
T16	2021-10-27 21:51:00 UTC	32.2923252	-107.7875081	74	37	Bare Ground		Bare Ground	
T16	2021-10-27 21:51:04 UTC	32.2923271	-107.7875078	75	37.5	Bare Ground		Bare Ground	
T16	2021-10-27 21:51:20 UTC	32.2923388	-107.7875025	76	38	Grass	ARAD, Aristida adscensionis, Annual Graminoid	Bare Ground	
T16	2021-10-27 21:51:23 UTC	32.2923416	-107.7875068	77	38.5	Bare Ground		Bare Ground	
T16	2021-10-27 21:52:00 UTC	32.2923419	-107.7875087	78	39	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid
T16	2021-10-27 21:52:02 UTC	32.2923507	-107.7875158	79	39.5	Bare Ground		Bare Ground	
T16	2021-10-27 21:52:03 UTC	32.2923506	-107.787516	80	40	Bare Ground		Bare Ground	
T16	2021-10-27 21:52:20 UTC	32.2923506	-107.787516	81	40.5	Shrub	PSSC6, Psoralea scoparius, Perennial Shrub	Shrub	GUSA2, Gutierrezia sarothrae, Perennial Subshrub
T16	2021-10-27 21:52:22 UTC	32.2923671	-107.7875203	82	41	Bare Ground		Bare Ground	
T16	2021-10-27 21:52:53 UTC	32.2923671	-107.7875201	83	41.5	Grass	ARAD, Aristida adscensionis, Annual Graminoid	Bare Ground	
T16	2021-10-27 21:53:07 UTC	32.2923724	-107.7875013	84	42	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid
T16	2021-10-27 21:53:15 UTC	32.2923743	-107.7875132	85	42.5	Grass	ARPU9, Aristida purpurea, Perennial Graminoid	Bare Ground	
T16	2021-10-27 21:53:32 UTC	32.2923747	-107.7875136	86	43	Grass	ARPU9, Aristida purpurea, Perennial Graminoid	Grass	ARPU9, Aristida purpurea, Perennial Graminoid
T16	2021-10-27 21:53:40 UTC	32.2923744	-107.7875138	87	43.5	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Bare Ground	
T16	2021-10-27 21:53:42 UTC	32.2923743	-107.7875139	88	44	Bare Ground		Bare Ground	
T16	2021-10-27 21:53:49 UTC	32.2923743	-107.7875139	89	44.5	Bare Ground		Bare Ground	
T16	2021-10-27 21:54:02 UTC	32.2924015	-107.7875072	90	45	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Bare Ground	
T16	2021-10-27 21:54:03 UTC	32.2923957	-107.7875104	91	45.5	Bare Ground		Bare Ground	
T16	2021-10-27 21:54:05 UTC	32.2923957	-107.7875104	92	46	Bare Ground		Bare Ground	
T16	2021-10-27 21:54:08 UTC	32.2923959	-107.7875116	93	46.5	Bare Ground		Bare Ground	
T16	2021-10-27 21:54:17 UTC	32.2923941	-107.787512	94	47	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Bare Ground	
T16	2021-10-27 21:54:23 UTC	32.2923961	-107.78752	95	47.5	Bare Ground		Bare Ground	
T16	2021-10-27 21:54:27 UTC	32.2924085	-107.7875175	96	48	Bare Ground		Bare Ground	
T16	2021-10-27 21:54:29 UTC	32.292405	-107.7875147	97	48.5	Bare Ground		Bare Ground	
T16	2021-10-27 21:54:32 UTC	32.292405	-107.7875147	98	49	Bare Ground		Bare Ground	
T16	2021-10-27 21:54:41 UTC	32.2924042	-107.787514	99	49.5	Shrub	PSSC6, Psoralea scoparius, Perennial Shrub	Litter	
T16	2021-10-27 21:54:56 UTC	32.2924048	-107.7875121	100	50	Shrub	GUSA2, Gutierrezia sarothrae, Perennial Subshrub	Litter	
T20	2021-10-27 20:39:34 UTC	32.292823	-107.7857195	1	0.5	Bare Ground		Bare Ground	
T20	2021-10-27 20:39:46 UTC	32.2928342	-107.7857311	2	1	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Bare Ground	
T20	2021-10-27 20:39:59 UTC	32.2928345	-107.7857372	3	1.5	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid
T20	2021-10-27 20:40:09 UTC	32.2928357	-107.7857437	4	2	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Litter	
T20	2021-10-27 20:40:21 UTC	32.2928368	-107.7857426	5	2.5	Shrub	PSSC6, Psoralea scoparius, Perennial Shrub	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid



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T20	2021-10-27 20:40:36 UTC	32.292835	-107.7857442	6	3	Shrub	PSSC6, Psoralea scoparius, Perennial Shrub	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid
T20	2021-10-27 20:40:50 UTC	32.2928543	-107.7857356	7	3.5	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid
T20	2021-10-27 20:40:56 UTC	32.292863	-107.7857417	8	4	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Bare Ground	
T20	2021-10-27 20:41:11 UTC	32.292863	-107.7857419	9	4.5	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Bare Ground	
T20	2021-10-27 20:41:15 UTC	32.2928696	-107.7857445	10	5	Bare Ground		Bare Ground	
T20	2021-10-27 20:41:35 UTC	32.2928689	-107.7857438	11	5.5	Shrub	PSSC6, Psoralea scoparius, Perennial Shrub	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid
T20	2021-10-27 20:41:42 UTC	32.2928811	-107.7857455	12	6	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Bare Ground	
T20	2021-10-27 20:41:45 UTC	32.2928814	-107.7857463	13	6.5	Bare Ground		Bare Ground	
T20	2021-10-27 20:41:55 UTC	32.2928816	-107.7857463	14	7	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Bare Ground	
T20	2021-10-27 20:41:57 UTC	32.2928817	-107.7857466	15	7.5	Bare Ground		Bare Ground	
T20	2021-10-27 20:42:06 UTC	32.2928817	-107.7857466	16	8	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Bare Ground	
T20	2021-10-27 20:42:20 UTC	32.2928931	-107.7857539	17	8.5	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid
T20	2021-10-27 20:42:33 UTC	32.2929055	-107.7857433	18	9	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid
T20	2021-10-27 20:42:38 UTC	32.2929053	-107.7857427	19	9.5	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Bare Ground	
T20	2021-10-27 20:42:47 UTC	32.2929046	-107.7857436	20	10	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Bare Ground	
T20	2021-10-27 20:42:57 UTC	32.2929067	-107.7857449	21	10.5	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid
T20	2021-10-27 20:43:03 UTC	32.2929107	-107.7857433	22	11	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Bare Ground	
T20	2021-10-27 20:43:18 UTC	32.2929102	-107.7857439	23	11.5	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid
T20	2021-10-27 20:43:29 UTC	32.2929242	-107.7857437	24	12	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Bare Ground	
T20	2021-10-27 20:43:44 UTC	32.2929295	-107.7857535	25	12.5	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Bare Ground	
T20	2021-10-27 20:43:58 UTC	32.2929253	-107.7857593	26	13	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid
T20	2021-10-27 20:44:11 UTC	32.292935	-107.7857735	27	13.5	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid
T20	2021-10-27 20:44:18 UTC	32.2929372	-107.785772	28	14	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Bare Ground	
T20	2021-10-27 20:44:32 UTC	32.2929384	-107.7857672	29	14.5	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid
T20	2021-10-27 20:44:39 UTC	32.2929515	-107.7857574	30	15	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Bare Ground	
T20	2021-10-27 20:44:40 UTC	32.2929555	-107.7857577	31	15.5	Bare Ground		Bare Ground	
T20	2021-10-27 20:44:51 UTC	32.2929554	-107.7857577	32	16	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Bare Ground	
T20	2021-10-27 20:44:58 UTC	32.2929564	-107.7857582	33	16.5	Bare Ground		Bare Ground	
T20	2021-10-27 20:45:17 UTC	32.2929604	-107.7857565	34	17	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Bare Ground	
T20	2021-10-27 20:45:30 UTC	32.2929656	-107.785757	35	17.5	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid
T20	2021-10-27 20:45:46 UTC	32.2929691	-107.7857587	36	18	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid
T20	2021-10-27 20:52:27 UTC	32.2929705	-107.7857571	37	18.5	Shrub	DAFO, Dalea formosa, perennial subshrub	Shrub	DAFO, Dalea formosa, perennial subshrub
T20	2021-10-27 20:52:23 UTC	32.2930175	-107.7857703	38	19	Bare Ground		Bare Ground	
T20	2021-10-27 20:52:34 UTC	32.2929974	-107.7857594	39	19.5	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Bare Ground	
T20	2021-10-27 20:52:42 UTC	32.2929962	-107.7857642	40	20	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Litter	
T20	2021-10-27 20:52:56 UTC	32.2929922	-107.7857618	41	20.5	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Litter	
T20	2021-10-27 20:53:11 UTC	32.2930116	-107.7857613	42	21	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid

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T20	2021-10-27 20:53:25 UTC	32.2930198	-107.7857596	43	21.5	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Bare Ground	
T20	2021-10-27 20:53:32 UTC	32.2930247	-107.7857555	44	22	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Bare Ground	
T20	2021-10-27 20:53:47 UTC	32.2930219	-107.7857556	45	22.5	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid
T20	2021-10-27 20:53:53 UTC	32.2930336	-107.7857632	46	23	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Bare Ground	
T20	2021-10-27 20:54:00 UTC	32.2930343	-107.7857624	47	23.5	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Bare Ground	
T20	2021-10-27 20:54:17 UTC	32.2930334	-107.7857632	48	24	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid
T20	2021-10-27 20:54:18 UTC	32.2930389	-107.785762	49	24.5	Bare Ground		Bare Ground	
T20	2021-10-27 20:54:28 UTC	32.2930389	-107.785762	50	25	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Bare Ground	
T20	2021-10-27 20:54:37 UTC	32.2930519	-107.7857656	51	25.5	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Bare Ground	
T20	2021-10-27 20:54:45 UTC	32.2930563	-107.7857654	52	26	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Bare Ground	
T20	2021-10-27 20:54:53 UTC	32.293058	-107.7857662	53	26.5	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Bare Ground	
T20	2021-10-27 20:55:00 UTC	32.293059	-107.785765	54	27	Bare Ground		Bare Ground	
T20	2021-10-27 20:55:04 UTC	32.2930632	-107.785767	55	27.5	Bare Ground		Bare Ground	
T20	2021-10-27 20:55:29 UTC	32.2930636	-107.785768	56	28	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid
T20	2021-10-27 20:55:46 UTC	32.2930567	-107.7857716	57	28.5	Shrub	PSSC6, Psoralea scoparius, Perennial Shrub	Shrub	PSSC6, Psoralea scoparius, Perennial Shrub
T20	2021-10-27 20:55:49 UTC	32.2930674	-107.7857991	58	29	Bare Ground		Bare Ground	
T20	2021-10-27 20:55:54 UTC	32.2930666	-107.7858014	59	29.5	Bare Ground		Bare Ground	
T20	2021-10-27 20:56:06 UTC	32.2930704	-107.7857984	60	30	Shrub	PSSC6, Psoralea scoparius, Perennial Shrub	Bare Ground	
T20	2021-10-27 20:56:20 UTC	32.2930861	-107.7857813	61	30.5	Shrub	PSSC6, Psoralea scoparius, Perennial Shrub	Bare Ground	
T20	2021-10-27 20:56:21 UTC	32.2930919	-107.7857866	62	31	Bare Ground		Bare Ground	
T20	2021-10-27 20:56:52 UTC	32.293092	-107.7857871	63	31.5	Grass	ARPU9, Aristida purpurea, Perennial Graminoid	Grass	ARPU9, Aristida purpurea, Perennial Graminoid
T20	2021-10-27 20:57:00 UTC	32.2930964	-107.7857946	64	32	Bare Ground		Bare Ground	
T20	2021-10-27 20:57:02 UTC	32.2931014	-107.7857944	65	32.5	Bare Ground		Bare Ground	
T20	2021-10-27 20:57:05 UTC	32.2931069	-107.7857974	66	33	Bare Ground		Bare Ground	
T20	2021-10-27 20:57:07 UTC	32.2931058	-107.7857908	67	33.5	Bare Ground		Bare Ground	
T20	2021-10-27 20:57:14 UTC	32.2931053	-107.7857897	68	34	Bare Ground		Bare Ground	
T20	2021-10-27 20:57:34 UTC	32.2931184	-107.7857806	69	34.5	Grass	GUSA2, Gutierrezia sarothrae, Perennial Subshrub	Bare Ground	
T20	2021-10-27 20:57:41 UTC	32.2931396	-107.7857812	70	35	Grass	PSSC6, Psoralea scoparius, Perennial Shrub	Woody Litter	
T20	2021-10-27 20:57:55 UTC	32.2931444	-107.7857856	71	35.5	Shrub	PSSC6, Psoralea scoparius, Perennial Shrub	Woody Litter	
T20	2021-10-27 20:58:07 UTC	32.2931565	-107.7857787	72	36	Shrub	CHLI2, Chilopsis linearis, Perennial Shrub	Bare Ground	
T20	2021-10-27 20:58:31 UTC	32.2931624	-107.7857876	73	36.5	Shrub	CHLI2, Chilopsis linearis, Perennial Shrub	Shrub	GUSA2, Gutierrezia sarothrae, Perennial Subshrub
T20	2021-10-27 20:58:53 UTC	32.2931798	-107.7857954	74	37	Shrub	CHLI2, Chilopsis linearis, Perennial Shrub	Shrub	GUSA2, Gutierrezia sarothrae, Perennial Subshrub
T20	2021-10-27 20:59:01 UTC	32.2931825	-107.7857921	75	37.5	Shrub	GUSA2, Gutierrezia sarothrae, Perennial Subshrub	Litter	
T20	2021-10-27 20:59:54 UTC	32.2931833	-107.7857921	76	38	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Bare Ground	
T20	2021-10-27 21:00:06 UTC	32.2931687	-107.7857946	77	38.5	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Bare Ground	
T20	2021-10-27 21:00:45 UTC	32.2931625	-107.7857911	78	39	Grass	GUSA2, Gutierrezia sarothrae, Perennial Subshrub	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid
T20	2021-10-27 21:00:57 UTC	32.2931755	-107.7857845	79	39.5	Shrub	GUSA2, Gutierrezia sarothrae, Perennial Subshrub	Bare Ground	
T20	2021-10-27 21:01:07 UTC	32.2931838	-107.7857844	80	40	Shrub	GUSA2, Gutierrezia sarothrae, Perennial Subshrub	Bare Ground	
T20	2021-10-27 21:01:10 UTC	32.2931821	-107.785786	81	40.5	Bare Ground		Bare Ground	
T20	2021-10-27 21:01:20 UTC	32.2931827	-107.7857863	82	41	Shrub	GUSA2, Gutierrezia sarothrae, Perennial Subshrub	Bare Ground	
T20	2021-10-27 21:01:33 UTC	32.293191	-107.7857913	83	41.5	Shrub	GUSA2, Gutierrezia sarothrae, Perennial Subshrub	Bare Ground	
T20	2021-10-27 21:01:35 UTC	32.2931892	-107.7857937	84	42	Bare Ground		Bare Ground	

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T20	2021-10-27 21:02:01 UTC	32.2932073	-107.7857969	86	43	Shrub	PSSC6, Psoralea scoparius, Perennial Shrub	Litter	
T20	2021-10-27 21:02:11 UTC	32.2932089	-107.7857997	87	43.5	Shrub	PSSC6, Psoralea scoparius, Perennial Shrub	Bare Ground	
T20	2021-10-27 21:02:18 UTC	32.2932086	-107.7857976	88	44	Litter		Litter	
T20	2021-10-27 21:02:20 UTC	32.2932103	-107.7858031	89	44.5	Bare Ground		Bare Ground	
T20	2021-10-27 21:02:23 UTC	32.2932138	-107.785803	90	45	Bare Ground		Bare Ground	
T20	2021-10-27 21:02:37 UTC	32.2932156	-107.7858025	91	45.5	Shrub	PSSC6, Psoralea scoparius, Perennial Shrub	Woody Litter	
T20	2021-10-27 21:02:52 UTC	32.2932256	-107.7858059	92	46	Shrub	PSSC6, Psoralea scoparius, Perennial Shrub	Bare Ground	
T20	2021-10-27 21:03:03 UTC	32.293227	-107.7857949	93	46.5	Shrub	GUSA2, Gutierrezia sarcocolla, Perennial Subshrub	Bare Ground	
T20	2021-10-27 21:03:05 UTC	32.2932289	-107.7858006	94	47	Bare Ground		Bare Ground	
T20	2021-10-27 21:03:15 UTC	32.2932258	-107.785801	95	47.5	Shrub	GUSA2, Gutierrezia sarcocolla, Perennial Subshrub	Bare Ground	
T20	2021-10-27 21:03:17 UTC	32.2932368	-107.7857976	96	48	Bare Ground		Bare Ground	
T20	2021-10-27 21:03:23 UTC	32.2932339	-107.7857993	97	48.5	Litter		Litter	
T20	2021-10-27 21:03:34 UTC	32.2932378	-107.7857996	98	49	Bare Ground		Bare Ground	
T20	2021-10-27 21:03:36 UTC	32.2932448	-107.7858022	99	49.5	Bare Ground		Bare Ground	
T20	2021-10-27 21:03:45 UTC	32.2932387	-107.785808	100	50	Shrub	GUSA2, Gutierrezia sarcocolla, Perennial Subshrub	Bare Ground	
T19	2021-10-27 19:49:12 UTC	32.2925899	-107.7850662	1	0.5	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid
T19	2021-10-27 19:49:19 UTC	32.2925954	-107.7850862	2	1	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Bare Ground	
T19	2021-10-27 19:49:26 UTC	32.2925982	-107.7850885	3	1.5	Bare Ground		Bare Ground	
T19	2021-10-27 19:49:39 UTC	32.2926021	-107.7850888	4	2	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Bare Ground	
T19	2021-10-27 19:49:49 UTC	32.2926182	-107.7850892	5	2.5	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Bare Ground	
T19	2021-10-27 19:49:50 UTC	32.2926211	-107.7850927	6	3	Bare Ground		Bare Ground	
T19	2021-10-27 19:49:56 UTC	32.2926211	-107.7850927	7	3.5	Bare Ground		Bare Ground	
T19	2021-10-27 19:50:02 UTC	32.2926251	-107.7850927	8	4	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Bare Ground	
T19	2021-10-27 19:50:13 UTC	32.292632	-107.7850891	9	4.5	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Bare Ground	
T19	2021-10-27 19:50:15 UTC	32.2926326	-107.7850854	10	5	Bare Ground		Bare Ground	
T19	2021-10-27 19:50:21 UTC	32.2926326	-107.7850854	11	5.5	Bare Ground		Bare Ground	
T19	2021-10-27 19:50:37 UTC	32.2926409	-107.7850872	12	6	Grass	ARPU9, Aristida purpurea, Perennial Graminoid	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid
T19	2021-10-27 19:50:52 UTC	32.2926551	-107.7850891	13	6.5	Grass	ARPU9, Aristida purpurea, Perennial Graminoid	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid
T19	2021-10-27 19:50:55 UTC	32.2926613	-107.7850901	14	7	Bare Ground		Bare Ground	
T19	2021-10-27 19:51:34 UTC	32.2926597	-107.7850901	15	7.5	Grass	ARPU9, Aristida purpurea, Perennial Graminoid	Grass	ARPU9, Aristida purpurea, Perennial Graminoid
T19	2021-10-27 19:51:48 UTC	32.292672	-107.7850913	16	8	Grass	DAPU7, Dasychloa pulchella, Perennial Graminoid	Grass	DAPU7, Dasychloa pulchella, Perennial Graminoid
T19	2021-10-27 19:52:05 UTC	32.2926704	-107.7850918	17	8.5	Grass	DAPU7, Dasychloa pulchella, Perennial Graminoid	Grass	DAPU7, Dasychloa pulchella, Perennial Graminoid
T19	2021-10-27 19:52:17 UTC	32.2926704	-107.7850922	18	9	Grass	ARPU9, Aristida purpurea, Perennial Graminoid	Grass	DAPU7, Dasychloa pulchella, Perennial Graminoid
T19	2021-10-27 19:52:19 UTC	32.29267	-107.7850926	19	9.5	Bare Ground		Bare Ground	
T19	2021-10-27 19:52:23 UTC	32.2926698	-107.7850927	20	10	Bare Ground		Bare Ground	
T19	2021-10-27 19:52:29 UTC	32.2926716	-107.7850945	21	10.5	Bare Ground		Bare Ground	
T19	2021-10-27 19:52:33 UTC	32.2926738	-107.7850943	22	11	Bare Ground		Bare Ground	
T19	2021-10-27 19:52:46 UTC	32.2926752	-107.785092	23	11.5	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid
T19	2021-10-27 19:52:59 UTC	32.2926964	-107.7850862	24	12	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid
T19	2021-10-27 19:53:10 UTC	32.292708	-107.7850848	25	12.5	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Litter	
T19	2021-10-27 19:53:15 UTC	32.2927077	-107.7850853	26	13	Bare Ground		Bare Ground	
T19	2021-10-27 19:53:19 UTC	32.292711	-107.7850854	27	13.5	Bare Ground		Bare Ground	
T19	2021-10-27 19:53:24 UTC	32.2927099	-107.7850835	28	14	Litter		Litter	
T19	2021-10-27 19:53:34 UTC	32.2927125	-107.7850844	29	14.5	Shrub	GUSA2, Gutierrezia sarcocolla, Perennial Subshrub	Bare Ground	

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T19	2021-10-27 19:53:46 UTC	32.2927297	-107.7850935	30	15	Shrub	GUSA2, Gutierrezia sarothrae, Perennial Subshrub	Grass	GUSA2, Gutierrezia sarothrae, Perennial Subshrub
T19	2021-10-27 19:54:02 UTC	32.2927327	-107.7850917	31	15.5	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Shrub	BOCU, Bouteloua curtipendula, Perennial Graminoid
T19	2021-10-27 19:54:08 UTC	32.2927388	-107.7850906	32	16	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Bare Ground	
T19	2021-10-27 19:54:25 UTC	32.2927383	-107.7850883	33	16.5	Grass	BOAR, Bouteloua aristoides, Annual Graminoid	Bare Ground	
T19	2021-10-27 19:54:32 UTC	32.2927452	-107.7850842	34	17	Bare Ground		Bare Ground	
T19	2021-10-27 19:55:14 UTC	32.2927481	-107.7850867	35	17.5	Shrub	GUSA2, Gutierrezia sarothrae, Perennial Subshrub	Shrub	GUSA2, Gutierrezia sarothrae, Perennial Subshrub
T19	2021-10-27 19:56:52 UTC	32.2927642	-107.785091	36	18	Grass	ARPU9, Aristida purpurea, Perennial Graminoid	Bare Ground	
T19	2021-10-27 19:57:07 UTC	32.2927569	-107.7850971	37	18.5	Grass	ARPU9, Aristida purpurea, Perennial Graminoid	Bare Ground	
T19	2021-10-27 19:57:31 UTC	32.2927663	-107.7850959	38	19	Grass	DAPU7, Dasyochloa pulchella, Perennial Graminoid	Bare Ground	
T19	2021-10-27 19:57:51 UTC	32.2927687	-107.7850894	39	19.5	Shrub	CHLI2, Chilopsis linearis, Perennial Shrub	Shrub	GUSA2, Gutierrezia sarothrae, Perennial Subshrub
T19	2021-10-27 19:58:09 UTC	32.2927736	-107.7850847	40	20	Shrub	CHLI2, Chilopsis linearis, Perennial Shrub	Bare Ground	
T19	2021-10-27 20:04:24 UTC	32.2927799	-107.7850886	41	20.5	Grass	ARPU9, Aristida purpurea, Perennial Graminoid	Bare Ground	
T19	2021-10-27 20:04:28 UTC	32.2927857	-107.7850845	42	21	Bare Ground		Bare Ground	
T19	2021-10-27 20:04:49 UTC	32.2927855	-107.7850872	43	21.5	Grass	ARPU9, Aristida purpurea, Perennial Graminoid	Bare Ground	
T19	2021-10-27 20:05:00 UTC	32.2927893	-107.7850914	44	22	Grass	ARPU9, Aristida purpurea, Perennial Graminoid	Bare Ground	
T19	2021-10-27 20:05:04 UTC	32.2927914	-107.7850924	45	22.5	Bare Ground		Bare Ground	
T19	2021-10-27 20:05:19 UTC	32.2927904	-107.7850932	46	23	Grass	DAPU7, Dasyochloa pulchella, Perennial Graminoid	Grass	DAPU7, Dasyochloa pulchella, Perennial Graminoid
T19	2021-10-27 20:05:49 UTC	32.2928022	-107.785098	47	23.5	Grass	ARPU9, Aristida purpurea, Perennial Graminoid	Grass	DAPU7, Dasyochloa pulchella, Perennial Graminoid
T19	2021-10-27 20:06:13 UTC	32.292814	-107.7850945	48	24	Grass	DAPU7, Dasyochloa pulchella, Perennial Graminoid	Grass	DAPU7, Dasyochloa pulchella, Perennial Graminoid
T19	2021-10-27 20:06:14 UTC	32.2928323	-107.7850936	49	24.5	Bare Ground		Bare Ground	
T19	2021-10-27 20:06:16 UTC	32.2928323	-107.7850936	50	25	Bare Ground		Bare Ground	
T19	2021-10-27 20:06:29 UTC	32.2928329	-107.7850935	51	25.5	Grass	ARPU9, Aristida purpurea, Perennial Graminoid	Bare Ground	
T19	2021-10-27 20:06:53 UTC	32.2928277	-107.7850921	52	26	Grass	ARPU9, Aristida purpurea, Perennial Graminoid	Bare Ground	
T19	2021-10-27 20:06:59 UTC	32.2928348	-107.7850906	53	26.5	Bare Ground		Bare Ground	
T19	2021-10-27 20:07:33 UTC	32.2928341	-107.7850901	54	27	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Grass	DAPU7, Dasyochloa pulchella, Perennial Graminoid
T19	2021-10-27 20:07:35 UTC	32.2928523	-107.7850961	55	27.5	Bare Ground		Bare Ground	
T19	2021-10-27 20:07:44 UTC	32.2928524	-107.7850964	56	28	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Bare Ground	
T19	2021-10-27 20:07:51 UTC	32.2928514	-107.7850941	57	28.5	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Bare Ground	
T19	2021-10-27 20:08:08 UTC	32.2928508	-107.7850916	58	29	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Bare Ground	
T19	2021-10-27 20:08:09 UTC	32.2928558	-107.7850887	59	29.5	Bare Ground		Bare Ground	
T19	2021-10-27 20:08:26 UTC	32.2928558	-107.7850887	60	30	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid
T19	2021-10-27 20:08:27 UTC	32.292868	-107.7850897	61	30.5	Bare Ground		Bare Ground	
T19	2021-10-27 20:08:33 UTC	32.292868	-107.7850897	62	31	Bare Ground		Bare Ground	
T19	2021-10-27 20:08:48 UTC	32.2928686	-107.7850893	63	31.5	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid
T19	2021-10-27 20:08:51 UTC	32.2928845	-107.7850969	64	32	Bare Ground		Bare Ground	
T19	2021-10-27 20:09:00 UTC	32.2928839	-107.785096	65	32.5	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Bare Ground	
T19	2021-10-27 20:09:04 UTC	32.2928805	-107.7850891	66	33	Bare Ground		Bare Ground	
T19	2021-10-27 20:09:20 UTC	32.292883	-107.7850892	67	33.5	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid
T19	2021-10-27 20:09:39 UTC	32.2928993	-107.7850887	68	34	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid
T19	2021-10-27 20:09:45 UTC	32.2928997	-107.7850922	69	34.5	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Bare Ground	

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T19	2021-10-27 20:10:01 UTC	32.292901	-107.7850919	70	35	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid
T19	2021-10-27 20:10:12 UTC	32.2929088	-107.7850949	71	35.5	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Bare Ground	
T19	2021-10-27 20:10:21 UTC	32.2929115	-107.7850932	72	36	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Bare Ground	
T19	2021-10-27 20:10:28 UTC	32.2929161	-107.7850868	73	36.5	Bare Ground		Bare Ground	
T19	2021-10-27 20:10:59 UTC	32.2929224	-107.7850852	74	37	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid
T19	2021-10-27 20:11:20 UTC	32.2929277	-107.7850933	75	37.5	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Bare Ground	
T19	2021-10-27 20:11:25 UTC	32.2929258	-107.7850947	76	38	Bare Ground		Bare Ground	
T19	2021-10-27 20:11:37 UTC	32.2929265	-107.7850929	77	38.5	Grass	ARPU9, Aristida purpurea, Perennial Graminoid	Bare Ground	
T19	2021-10-27 20:11:49 UTC	32.2929404	-107.7850982	78	39	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Bare Ground	
T19	2021-10-27 20:12:07 UTC	32.2929499	-107.7850989	79	39.5	Grass	ARPU9, Aristida purpurea, Perennial Graminoid	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid
T19	2021-10-27 20:12:16 UTC	32.2929523	-107.7850996	80	40	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Bare Ground	
T19	2021-10-27 20:12:26 UTC	32.2929568	-107.7851041	81	40.5	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Bare Ground	
T19	2021-10-27 20:12:38 UTC	32.2929645	-107.7850997	82	41	Grass	ARPU9, Aristida purpurea, Perennial Graminoid	Litter	
T19	2021-10-27 20:12:51 UTC	32.2929713	-107.7850989	83	41.5	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Bare Ground	
T19	2021-10-27 20:13:02 UTC	32.2929787	-107.7850976	84	42	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Bare Ground	
T19	2021-10-27 20:13:07 UTC	32.2929753	-107.7850964	85	42.5	Bare Ground		Bare Ground	
T19	2021-10-27 20:13:12 UTC	32.2929749	-107.7850964	86	43	Bare Ground		Bare Ground	
T19	2021-10-27 20:13:27 UTC	32.2929805	-107.7850959	87	43.5	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid
T19	2021-10-27 20:13:31 UTC	32.2929877	-107.7850966	88	44	Bare Ground		Bare Ground	
T19	2021-10-27 20:13:36 UTC	32.2929895	-107.785096	89	44.5	Bare Ground		Bare Ground	
T19	2021-10-27 20:13:58 UTC	32.2929929	-107.7850937	90	45	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Bare Ground	
T19	2021-10-27 20:14:14 UTC	32.2930098	-107.7851028	91	45.5	Shrub	PSSC6, Psoralea scoparius, Perennial Shrub	Woody Litter	
T19	2021-10-27 20:14:24 UTC	32.2930062	-107.785101	92	46	Bare Ground		Bare Ground	
T19	2021-10-27 20:14:37 UTC	32.2930102	-107.7851027	93	46.5	Bare Ground		Bare Ground	
T19	2021-10-27 20:14:50 UTC	32.2930234	-107.7851076	94	47	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid
T19	2021-10-27 20:15:04 UTC	32.2930268	-107.7851085	95	47.5	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid
T19	2021-10-27 20:15:12 UTC	32.2930256	-107.7851036	96	48	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Bare Ground	
T19	2021-10-27 20:15:26 UTC	32.2930269	-107.7851033	97	48.5	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid
T19	2021-10-27 20:15:32 UTC	32.2930289	-107.7851039	98	49	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Bare Ground	
T19	2021-10-27 20:15:34 UTC	32.2930286	-107.7851037	99	49.5	Bare Ground		Bare Ground	
T19	2021-10-27 20:15:48 UTC	32.2930285	-107.7851034	100	50	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Bare Ground	
T18	2021-10-27 18:59:27 UTC	32.2919108	-107.7833302	1	0.5	Bare Ground		Bare Ground	
T18	2021-10-27 18:59:33 UTC	32.2919457	-107.7833229	2	1	Bare Ground		Bare Ground	
T18	2021-10-27 18:59:51 UTC	32.2919496	-107.7833184	3	1.5	Grass	ARPU9, Aristida purpurea, Perennial Graminoid	Grass	ARPU9, Aristida purpurea, Perennial Graminoid
T18	2021-10-27 18:59:53 UTC	32.2919543	-107.7833172	4	2	Bare Ground		Bare Ground	
T18	2021-10-27 18:59:55 UTC	32.2919547	-107.7833169	5	2.5	Bare Ground		Bare Ground	
T18	2021-10-27 18:59:57 UTC	32.2919547	-107.7833169	6	3	Bare Ground		Bare Ground	
T18	2021-10-27 19:00:11 UTC	32.2919559	-107.7833178	7	3.5	Grass	ARPU9, Aristida purpurea, Perennial Graminoid	Bare Ground	
T18	2021-10-27 19:00:24 UTC	32.2919641	-107.7833179	8	4	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid	Bare Ground	
T18	2021-10-27 19:00:47 UTC	32.2919647	-107.7833183	9	4.5	Grass	ARPU9, Aristida purpurea, Perennial Graminoid	Grass	ARPU9, Aristida purpurea, Perennial Graminoid
T18	2021-10-27 19:00:55 UTC	32.2919704	-107.7833172	10	5	Grass	ARPU9, Aristida purpurea, Perennial Graminoid	Bare Ground	
T18	2021-10-27 19:01:12 UTC	32.2919675	-107.7833177	11	5.5	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid
T18	2021-10-27 19:01:13 UTC	32.2919806	-107.783314	12	6	Bare Ground		Bare Ground	

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T18	2021-10-27 19:02:19 UTC	32.291983	-107.7833137	14	7	Grass	BOLAT, Bothriochloa laguroides ssp. torreyana, Perennial Graminoid	Forb	BAMU, Baileyella multiradiata, Annual Forb
T18	2021-10-27 19:02:55 UTC	32.2919898	-107.783314	15	7.5	Forb	CHAL11, Euphorbia albomarginata, Perennial Forb	Bare Ground	
T18	2021-10-27 19:03:06 UTC	32.2919954	-107.7833143	16	8	Grass	BOLAT, Bothriochloa laguroides ssp. torreyana, Perennial Graminoid	Bare Ground	
T18	2021-10-27 19:04:57 UTC	32.292001	-107.7833101	17	8.5	Grass	BOLAT, Bothriochloa laguroides ssp. torreyana, Perennial Graminoid	Grass	SCPR, Sporobolus cryptandrus, Perennial Graminoid
T18	2021-10-27 19:05:08 UTC	32.2920044	-107.7833159	18	9	Grass	BOLAT, Bothriochloa laguroides ssp. torreyana, Perennial Graminoid	Bare Ground	
T18	2021-10-27 19:06:41 UTC	32.2920048	-107.783316	19	9.5	Grass	BOLAT, Bothriochloa laguroides ssp. torreyana, Perennial Graminoid	Bare Ground	
T18	2021-10-27 19:06:46 UTC	32.2920085	-107.7833142	20	10	Bare Ground		Bare Ground	
T18	2021-10-27 19:07:02 UTC	32.29201	-107.7833136	21	10.5	Grass	BOLAT, Bothriochloa laguroides ssp. torreyana, Perennial Graminoid	Grass	BOLAT, Bothriochloa laguroides ssp. torreyana, Perennial Graminoid
T18	2021-10-27 19:07:45 UTC	32.29202	-107.7833103	22	11	Grass	DAPU7, Dasyochloa pulchella, Perennial Graminoid	Forb	CHAL11, Euphorbia albomarginata, Perennial Forb
T18	2021-10-27 19:07:49 UTC	32.2920408	-107.7833165	23	11.5	Bare Ground		Bare Ground	
T18	2021-10-27 19:07:52 UTC	32.2920372	-107.7833223	24	12	Bare Ground		Bare Ground	
T18	2021-10-27 19:08:03 UTC	32.2920386	-107.7833266	25	12.5	Shrub	PSSC6, Psoralea scoparius, Perennial Shrub	Bare Ground	
T18	2021-10-27 19:08:12 UTC	32.292047	-107.7833146	26	13	Shrub	PSSC6, Psoralea scoparius, Perennial Shrub	Litter	
T18	2021-10-27 19:08:16 UTC	32.2920551	-107.7833133	27	13.5	Bare Ground		Bare Ground	
T18	2021-10-27 19:08:31 UTC	32.2920565	-107.7833142	28	14	Woody Litter		Woody Litter	
T18	2021-10-27 19:08:42 UTC	32.2920601	-107.7833113	29	14.5	Woody Litter		Woody Litter	
T18	2021-10-27 19:09:13 UTC	32.2920714	-107.7833079	30	15	Woody Litter		Grass	BOLAT, Bothriochloa laguroides ssp. torreyana, Perennial Graminoid
T18	2021-10-27 19:09:16 UTC	32.2920766	-107.7833088	31	15.5	Bare Ground		Bare Ground	
T18	2021-10-27 19:09:37 UTC	32.2920766	-107.7833089	32	16	Grass	ARPU9, Aristida purpurea, Perennial Graminoid	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid
T18	2021-10-27 19:09:52 UTC	32.2920836	-107.78331	33	16.5	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Bare Ground	
T18	2021-10-27 19:10:05 UTC	32.2920885	-107.7833109	34	17	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid
T18	2021-10-27 19:10:16 UTC	32.2920837	-107.783311	35	17.5	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid
T18	2021-10-27 19:10:33 UTC	32.2920792	-107.7833089	36	18	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid
T18	2021-10-27 19:10:40 UTC	32.2920946	-107.7833083	37	18.5	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Bare Ground	
T18	2021-10-27 19:10:49 UTC	32.2920961	-107.7833076	38	19	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Bare Ground	
T18	2021-10-27 19:10:53 UTC	32.2921053	-107.7833001	39	19.5	Bare Ground		Bare Ground	
T18	2021-10-27 19:10:58 UTC	32.2921098	-107.7832983	40	20	Bare Ground		Bare Ground	
T18	2021-10-27 19:11:04 UTC	32.2921138	-107.7832959	41	20.5	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Bare Ground	
T18	2021-10-27 19:11:20 UTC	32.2921166	-107.7832952	42	21	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid
T18	2021-10-27 19:11:22 UTC	32.2921167	-107.7832963	43	21.5	Bare Ground		Bare Ground	
T18	2021-10-27 19:11:28 UTC	32.292117	-107.7832961	44	22	Bare Ground		Bare Ground	
T18	2021-10-27 19:11:35 UTC	32.2921234	-107.7832949	45	22.5	Bare Ground		Bare Ground	
T18	2021-10-27 19:11:41 UTC	32.2921303	-107.783297	46	23	Bare Ground		Bare Ground	
T18	2021-10-27 19:11:45 UTC	32.2921349	-107.783301	47	23.5	Bare Ground		Bare Ground	
T18	2021-10-27 19:12:01 UTC	32.2921378	-107.7833016	48	24	Grass	ARPU9, Aristida purpurea, Perennial Graminoid	Bare Ground	
T18	2021-10-27 19:12:05 UTC	32.2921367	-107.7833025	49	24.5	Bare Ground		Bare Ground	
T18	2021-10-27 19:12:14 UTC	32.2921374	-107.7833016	50	25	Shrub	PSSC6, Psoralea scoparius, Perennial Shrub	Bare Ground	
T18	2021-10-27 19:12:41 UTC	32.2921487	-107.7833007	51	25.5	Bare Ground		Bare Ground	
T18	2021-10-27 19:12:46 UTC	32.292168	-107.7832888	52	26	Bare Ground		Bare Ground	
T18	2021-10-27 19:12:53 UTC	32.2921688	-107.7832933	53	26.5	Bare Ground		Bare Ground	
T18	2021-10-27 19:13:01 UTC	32.2921697	-107.7832936	54	27	Bare Ground		Bare Ground	
T18	2021-10-27 19:13:04 UTC	32.2921784	-107.7832925	55	27.5	Bare Ground		Bare Ground	
T18	2021-10-27 19:13:07 UTC	32.292181	-107.7832928	56	28	Bare Ground		Bare Ground	
T18	2021-10-27 19:13:19 UTC	32.2921874	-107.7832941	57	28.5	Shrub	PSSC6, Psoralea scoparius, Perennial Shrub	Litter	



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T18	2021-10-27 19:13:40 UTC	32.2921967	-107.7832968	58	29	Shrub	PSSC6, Psoralea scoparius, Perennial Shrub	Shrub	PSSC6, Psoralea scoparius, Perennial Shrub
T18	2021-10-27 19:13:49 UTC	32.2922002	-107.7832985	59	29.5	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Bare Ground	
T18	2021-10-27 19:13:59 UTC	32.2921964	-107.7832943	60	30	Shrub	PSSC6, Psoralea scoparius, Perennial Shrub	Bare Ground	
T18	2021-10-27 19:14:16 UTC	32.2921999	-107.7832928	61	30.5	Grass	PSSC6, Psoralea scoparius, Perennial Shrub	Shrub	GUSA2, Gutierrezia sarothrae, Perennial Subshrub
T18	2021-10-27 19:14:23 UTC	32.2922125	-107.7832886	62	31	Litter		Litter	
T18	2021-10-27 19:14:29 UTC	32.2922186	-107.7832926	63	31.5	Bare Ground		Bare Ground	
T18	2021-10-27 19:14:32 UTC	32.2922218	-107.7832933	64	32	Bare Ground		Bare Ground	
T18	2021-10-27 19:14:36 UTC	32.2922221	-107.783297	65	32.5	Bare Ground		Bare Ground	
T18	2021-10-27 19:14:52 UTC	32.2922263	-107.7832974	66	33	Shrub	CHLI2, Chilopsis linearis, Perennial Shrub	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid
T18	2021-10-27 19:15:05 UTC	32.292227	-107.7833034	67	33.5	Shrub	CHLI2, Chilopsis linearis, Perennial Shrub	Bare Ground	
T18	2021-10-27 19:15:22 UTC	32.2922409	-107.783297	68	34	Shrub	CHLI2, Chilopsis linearis, Perennial Shrub	Shrub	PSSC6, Psoralea scoparius, Perennial Shrub
T18	2021-10-27 19:15:30 UTC	32.2922514	-107.7832973	69	34.5	Shrub	PSSC6, Psoralea scoparius, Perennial Shrub	Litter	
T18	2021-10-27 19:15:52 UTC	32.292246	-107.7832986	70	35	Shrub	PSSC6, Psoralea scoparius, Perennial Shrub	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid
T18	2021-10-27 19:16:06 UTC	32.2922469	-107.7832981	71	35.5	Shrub	PSSC6, Psoralea scoparius, Perennial Shrub	Bare Ground	
T18	2021-10-27 19:16:11 UTC	32.2922544	-107.7832902	72	36	Bare Ground		Bare Ground	
T18	2021-10-27 19:16:18 UTC	32.2922576	-107.783289	73	36.5	Bare Ground		Bare Ground	
T18	2021-10-27 19:16:27 UTC	32.2922607	-107.783288	74	37	Litter		Litter	
T18	2021-10-27 19:16:41 UTC	32.2922687	-107.783286	75	37.5	Shrub	PSSC6, Psoralea scoparius, Perennial Shrub	Litter	
T18	2021-10-27 19:16:59 UTC	32.292279	-107.7832879	76	38	Shrub	PSSC6, Psoralea scoparius, Perennial Shrub	Woody Litter	
T18	2021-10-27 19:17:09 UTC	32.2922929	-107.7832901	77	38.5	Shrub	PSSC6, Psoralea scoparius, Perennial Shrub	Woody Litter	
T18	2021-10-27 19:17:19 UTC	32.2922955	-107.7832925	78	39	Shrub	PSSC6, Psoralea scoparius, Perennial Shrub	Woody Litter	
T18	2021-10-27 19:17:21 UTC	32.2922897	-107.7832913	79	39.5	Bare Ground		Bare Ground	
T18	2021-10-27 19:17:31 UTC	32.2922892	-107.7832914	80	40	Shrub	PSSC6, Psoralea scoparius, Perennial Shrub	Bare Ground	
T18	2021-10-27 19:17:52 UTC	32.2922871	-107.7832948	81	40.5	Shrub	PSSC6, Psoralea scoparius, Perennial Shrub	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid
T18	2021-10-27 19:18:01 UTC	32.292299	-107.7832917	82	41	Shrub	PSSC6, Psoralea scoparius, Perennial Shrub	Bare Ground	
T18	2021-10-27 19:18:09 UTC	32.2923005	-107.7832885	83	41.5	Bare Ground		Bare Ground	
T18	2021-10-27 19:18:15 UTC	32.2923011	-107.7832838	84	42	Bare Ground		Bare Ground	
T18	2021-10-27 19:18:19 UTC	32.2923045	-107.7832815	85	42.5	Bare Ground		Bare Ground	
T18	2021-10-27 19:18:25 UTC	32.2923086	-107.7832824	86	43	Bare Ground		Bare Ground	
T18	2021-10-27 19:18:47 UTC	32.2923143	-107.7832888	87	43.5	Grass	ARAD, Aristida adscensionis, Annual Graminoid	Bare Ground	
T18	2021-10-27 19:18:57 UTC	32.2923269	-107.7832812	88	44	Bare Ground		Bare Ground	
T18	2021-10-27 19:19:02 UTC	32.2923279	-107.7832781	89	44.5	Bare Ground		Bare Ground	
T18	2021-10-27 19:19:07 UTC	32.2923295	-107.7832765	90	45	Bare Ground		Bare Ground	
T18	2021-10-27 19:19:11 UTC	32.2923312	-107.7832752	91	45.5	Bare Ground		Bare Ground	
T18	2021-10-27 19:19:41 UTC	32.2923358	-107.7832738	92	46	Grass	BOAR, Bouteloua aristoides, Annual Graminoid	Bare Ground	
T18	2021-10-27 19:20:16 UTC	32.2923439	-107.7832724	93	46.5	Forb	CHAL11, Euphorbia albomarginata, Perennial Forb	Forb	CHAL11, Euphorbia albomarginata, Perennial Forb
T18	2021-10-27 19:20:20 UTC	32.2923397	-107.7832758	94	47	Litter		Litter	
T18	2021-10-27 19:20:29 UTC	32.2923388	-107.7832738	95	47.5	Shrub	PSSC6, Psoralea scoparius, Perennial Shrub	Bare Ground	
T18	2021-10-27 19:20:43 UTC	32.2923386	-107.7832679	96	48	Shrub	PSSC6, Psoralea scoparius, Perennial Shrub	Litter	
T18	2021-10-27 19:20:57 UTC	32.2923535	-107.7832759	97	48.5	Shrub	PSSC6, Psoralea scoparius, Perennial Shrub	Forb	SATR12, Salsola tragus, Annual Forb
T18	2021-10-27 19:21:24 UTC	32.2923647	-107.7832754	98	49	Shrub	PSSC6, Psoralea scoparius, Perennial Shrub	Forb	CHAL11, Euphorbia albomarginata, Perennial Forb
T18	2021-10-27 19:21:35 UTC	32.2923668	-107.783283	99	49.5	Shrub	PSSC6, Psoralea scoparius, Perennial Shrub	Woody Litter	
T18	2021-10-27 19:21:43 UTC	32.2923636	-107.7832822	100	50	Shrub	PSSC6, Psoralea scoparius, Perennial Shrub	Woody Litter	
T13	2021-10-27 17:41:41 UTC	32.2929699	-107.7847347	1	0.5	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Bare Ground	
T13	2021-10-27 17:41:51 UTC	32.2929506	-107.784729	2	1	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Bare Ground	

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T13	2021-10-27 17:41:55 UTC	32.2929451	-107.784729	3	1.5	Bare Ground		Bare Ground	
T13	2021-10-27 17:42:05 UTC	32.2929441	-107.7847302	4	2	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Bare Ground	
T13	2021-10-27 17:42:13 UTC	32.2929534	-107.784732	5	2.5	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Bare Ground	
T13	2021-10-27 17:42:17 UTC	32.2929619	-107.7847371	6	3	Bare Ground		Bare Ground	
T13	2021-10-27 17:42:29 UTC	32.2929635	-107.7847382	7	3.5	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Bare Ground	
T13	2021-10-27 17:42:41 UTC	32.2929737	-107.7847403	8	4	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid
T13	2021-10-27 17:42:57 UTC	32.292977	-107.7847461	9	4.5	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid
T13	2021-10-27 17:43:07 UTC	32.2929896	-107.7847455	10	5	Shrub	GUSA2, Gutierrezia sarothrae, Perennial Subshrub	Bare Ground	
T13	2021-10-27 17:43:19 UTC	32.2929892	-107.784742	11	5.5	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Bare Ground	
T13	2021-10-27 17:43:31 UTC	32.2929954	-107.784744	12	6	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Bare Ground	
T13	2021-10-27 17:43:33 UTC	32.2929934	-107.7847403	13	6.5	Bare Ground		Bare Ground	
T13	2021-10-27 17:43:44 UTC	32.2929933	-107.7847404	14	7	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Bare Ground	
T13	2021-10-27 17:43:51 UTC	32.2930052	-107.7847408	15	7.5	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Bare Ground	
T13	2021-10-27 17:43:59 UTC	32.2930093	-107.7847396	16	8	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Bare Ground	
T13	2021-10-27 17:44:02 UTC	32.2930134	-107.7847389	17	8.5	Bare Ground		Bare Ground	
T13	2021-10-27 17:44:15 UTC	32.2930143	-107.784739	18	9	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Bare Ground	
T13	2021-10-27 17:44:24 UTC	32.2930299	-107.7847428	19	9.5	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Bare Ground	
T13	2021-10-27 17:44:29 UTC	32.2930335	-107.7847408	20	10	Bare Ground		Bare Ground	
T13	2021-10-27 17:44:41 UTC	32.2930357	-107.7847401	21	10.5	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Bare Ground	
T13	2021-10-27 17:44:45 UTC	32.2930383	-107.7847424	22	11	Bare Ground		Bare Ground	
T13	2021-10-27 17:44:51 UTC	32.293039	-107.7847425	23	11.5	Bare Ground		Bare Ground	
T13	2021-10-27 17:44:54 UTC	32.293044	-107.7847394	24	12	Bare Ground		Bare Ground	
T13	2021-10-27 17:45:43 UTC	32.2930445	-107.7847386	25	12.5	Grass	ARPU9, Aristida purpurea, Perennial Graminoid	Grass	ARPU9, Aristida purpurea, Perennial Graminoid
T13	2021-10-27 17:45:44 UTC	32.2930707	-107.7847359	26	13	Bare Ground		Bare Ground	
T13	2021-10-27 17:49:14 UTC	32.2930707	-107.7847359	27	13.5	Grass	ARPU9, Aristida purpurea, Perennial Graminoid	Grass	ARPU9, Aristida purpurea, Perennial Graminoid
T13	2021-10-27 17:49:23 UTC	32.2930817	-107.7847365	28	14	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Bare Ground	
T13	2021-10-27 17:49:43 UTC	32.293081	-107.7847376	29	14.5	Bare Ground		Bare Ground	
T13	2021-10-27 17:49:47 UTC	32.2930844	-107.7847381	30	15	Bare Ground		Bare Ground	
T13	2021-10-27 17:49:52 UTC	32.2930849	-107.7847387	31	15.5	Bare Ground		Bare Ground	
T13	2021-10-27 17:49:57 UTC	32.2930856	-107.784738	32	16	Bare Ground		Bare Ground	
T13	2021-10-27 17:50:53 UTC	32.2930923	-107.7847368	33	16.5	Forb	SPFE, Sphaeralcea fendleri, Perennial Forb	Bare Ground	
T13	2021-10-27 17:50:59 UTC	32.2930967	-107.7847451	34	17	Bare Ground		Bare Ground	
T13	2021-10-27 17:51:02 UTC	32.2930986	-107.7847589	35	17.5	Bare Ground		Bare Ground	
T13	2021-10-27 17:51:06 UTC	32.2931057	-107.7847531	36	18	Bare Ground		Bare Ground	
T13	2021-10-27 17:51:14 UTC	32.2931026	-107.7847585	37	18.5	Shrub	GUSA2, Gutierrezia sarothrae, Perennial Subshrub	Bare Ground	
T13	2021-10-27 17:51:17 UTC	32.2931064	-107.7847471	38	19	Bare Ground		Bare Ground	
T13	2021-10-27 17:51:20 UTC	32.2931109	-107.7847484	39	19.5	Bare Ground		Bare Ground	
T13	2021-10-27 17:51:23 UTC	32.2931219	-107.784755	40	20	Bare Ground		Bare Ground	
T13	2021-10-27 17:51:37 UTC	32.2931255	-107.7847478	41	20.5	Bare Ground		Bare Ground	
T13	2021-10-27 17:51:55 UTC	32.2931312	-107.7847482	42	21	Shrub	GUSA2, Gutierrezia sarothrae, Perennial Subshrub	Bare Ground	
T13	2021-10-27 17:52:06 UTC	32.2931392	-107.7847553	43	21.5	Shrub	GUSA2, Gutierrezia sarothrae, Perennial Subshrub	Bare Ground	
T13	2021-10-27 17:52:31 UTC	32.2931374	-107.7847544	44	22	Grass	ARPU9, Aristida purpurea, Perennial Graminoid	Grass	ARPU9, Aristida purpurea, Perennial Graminoid
T13	2021-10-27 17:52:32 UTC	32.2931523	-107.7847584	45	22.5	Bare Ground		Bare Ground	
T13	2021-10-27 17:52:44 UTC	32.2931524	-107.7847581	46	23	Shrub	GUSA2, Gutierrezia sarothrae, Perennial Subshrub	Bare Ground	
T13	2021-10-27 17:52:51 UTC	32.2931657	-107.7847547	47	23.5	Shrub	GUSA2, Gutierrezia sarothrae, Perennial Subshrub	Bare Ground	
T13	2021-10-27 17:53:06 UTC	32.2931637	-107.7847607	48	24	Grass	ARPU9, Aristida purpurea, Perennial Graminoid	Bare Ground	
T13	2021-10-27 17:53:19 UTC	32.2931546	-107.7847526	49	24.5	Shrub	GUSA2, Gutierrezia sarothrae, Perennial Subshrub	Litter	
T13	2021-10-27 17:53:21 UTC	32.2931718	-107.7847522	50	25	Bare Ground		Bare Ground	
T13	2021-10-27 17:53:31 UTC	32.2931733	-107.7847533	51	25.5	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Bare Ground	



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T13	2021-10-27 17:53:42 UTC	32.2931725	-107.7847469	53	26.5	Bare Ground		Bare Ground	
T13	2021-10-27 17:53:47 UTC	32.2931728	-107.7847471	54	27	Bare Ground		Bare Ground	
T13	2021-10-27 17:53:50 UTC	32.2931797	-107.7847429	55	27.5	Bare Ground		Bare Ground	
T13	2021-10-27 17:53:52 UTC	32.2931894	-107.7847376	56	28	Bare Ground		Bare Ground	
T13	2021-10-27 17:54:01 UTC	32.2931914	-107.7847404	57	28.5	Shrub	GUSA2, Gutierrezia sarothrae, Perennial Subshrub	Bare Ground	
T13	2021-10-27 17:54:04 UTC	32.2931992	-107.7847525	58	29	Bare Ground		Bare Ground	
T13	2021-10-27 17:54:06 UTC	32.2931972	-107.7847516	59	29.5	Bare Ground		Bare Ground	
T13	2021-10-27 17:54:15 UTC	32.293197	-107.7847505	60	30	Bare Ground		Bare Ground	
T13	2021-10-27 17:54:19 UTC	32.2932115	-107.7847472	61	30.5	Bare Ground		Bare Ground	
T13	2021-10-27 17:54:21 UTC	32.2932312	-107.7847394	62	31	Bare Ground		Bare Ground	
T13	2021-10-27 17:54:29 UTC	32.2932312	-107.7847394	63	31.5	Bare Ground		Bare Ground	
T13	2021-10-27 17:54:31 UTC	32.2932335	-107.7847433	64	32	Bare Ground		Bare Ground	
T13	2021-10-27 17:54:37 UTC	32.2932372	-107.7847431	65	32.5	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Bare Ground	
T13	2021-10-27 17:54:41 UTC	32.2932013	-107.784736	66	33	Bare Ground		Bare Ground	
T13	2021-10-27 17:54:56 UTC	32.2932101	-107.7847452	67	33.5	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid
T13	2021-10-27 17:55:03 UTC	32.29323	-107.784758	68	34	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Bare Ground	
T13	2021-10-27 17:55:04 UTC	32.29323	-107.7847579	69	34.5	Bare Ground		Bare Ground	
T13	2021-10-27 17:55:07 UTC	32.29323	-107.7847579	70	35	Bare Ground		Bare Ground	
T13	2021-10-27 17:55:16 UTC	32.29323	-107.7847579	71	35.5	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Bare Ground	
T13	2021-10-27 17:55:27 UTC	32.2932561	-107.784755	72	36	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid
T13	2021-10-27 17:55:37 UTC	32.2932587	-107.7847431	73	36.5	Grass	ARPU9, Aristida purpurea, Perennial Graminoid	Bare Ground	
T13	2021-10-27 17:55:47 UTC	32.2932587	-107.7847434	74	37	Grass	ARPU9, Aristida purpurea, Perennial Graminoid	Bare Ground	
T13	2021-10-27 17:56:01 UTC	32.2932736	-107.7847475	75	37.5	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid
T13	2021-10-27 17:56:09 UTC	32.2932718	-107.7847449	76	38	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Litter	
T13	2021-10-27 17:56:19 UTC	32.2932897	-107.7847532	77	38.5	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid
T13	2021-10-27 17:56:31 UTC	32.2932931	-107.7847674	78	39	Grass	ARPU9, Aristida purpurea, Perennial Graminoid	Bare Ground	
T13	2021-10-27 17:56:52 UTC	32.2932908	-107.7847644	79	39.5	Grass	ARPU9, Aristida purpurea, Perennial Graminoid	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid
T13	2021-10-27 17:57:06 UTC	32.2933051	-107.7847687	80	40	Grass	ARPU9, Aristida purpurea, Perennial Graminoid	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid
T13	2021-10-27 17:57:15 UTC	32.293309	-107.7847598	81	40.5	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Bare Ground	
T13	2021-10-27 17:57:28 UTC	32.2933185	-107.7847579	82	41	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Bare Ground	
T13	2021-10-27 17:57:31 UTC	32.2933117	-107.784749	83	41.5	Bare Ground		Bare Ground	
T13	2021-10-27 17:57:40 UTC	32.2933158	-107.7847481	84	42	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Bare Ground	
T13	2021-10-27 17:57:51 UTC	32.2933361	-107.7847533	85	42.5	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Bare Ground	
T13	2021-10-27 17:58:01 UTC	32.2933305	-107.7847526	86	43	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Bare Ground	
T13	2021-10-27 17:58:11 UTC	32.293326	-107.784753	87	43.5	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid
T13	2021-10-27 17:58:23 UTC	32.2933259	-107.7847533	88	44	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Bare Ground	
T13	2021-10-27 17:58:36 UTC	32.2933431	-107.7847535	89	44.5	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Bare Ground	
T13	2021-10-27 17:58:43 UTC	32.2933385	-107.7847504	90	45	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Bare Ground	
T13	2021-10-27 17:58:57 UTC	32.2933385	-107.7847506	91	45.5	Shrub	PSSC6, Psoralea scoparius, Perennial Shrub	Litter	
T13	2021-10-27 17:59:05 UTC	32.2933542	-107.7847518	92	46	Shrub	PSSC6, Psoralea scoparius, Perennial Shrub	Litter	
T13	2021-10-27 17:59:14 UTC	32.2933551	-107.7847523	93	46.5	Shrub	PSSC6, Psoralea scoparius, Perennial Shrub	Litter	
T13	2021-10-27 17:59:24 UTC	32.2933565	-107.7847598	94	47	Shrub	PSSC6, Psoralea scoparius, Perennial Shrub	Litter	
T13	2021-10-27 17:59:33 UTC	32.2933599	-107.7847595	95	47.5	Shrub	PSSC6, Psoralea scoparius, Perennial Shrub	Litter	
T13	2021-10-27 17:59:35 UTC	32.2933646	-107.7847584	96	48	Bare Ground		Bare Ground	

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T13	2021-10-27 17:59:48 UTC	32.2933646	-107.7847584	97	48.5	Grass	ARPU9, Aristida purpurea, Perennial Graminoid	Bare Ground	
T13	2021-10-27 17:59:59 UTC	32.2933968	-107.784761	98	49	Grass	ARPU9, Aristida purpurea, Perennial Graminoid	Bare Ground	
T13	2021-10-27 18:00:11 UTC	32.2933941	-107.7847716	99	49.5	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid
T13	2021-10-27 18:00:28 UTC	32.2933919	-107.7847676	100	50	Grass	ARPU9, Aristida purpurea, Perennial Graminoid	Bare Ground	
T12	2021-10-27 16:56:08 UTC	32.2903536	-107.7853753	1	0.5	Bare Ground		Bare Ground	
T12	2021-10-27 16:56:13 UTC	32.2903652	-107.7853713	2	1	Bare Ground		Bare Ground	
T12	2021-10-27 16:57:39 UTC	32.2903726	-107.7853682	3	1.5	Grass	ARAD, Aristida adscensionis, Annual Graminoid	Grass	ARAD, Aristida adscensionis, Annual Graminoid
T12	2021-10-27 16:59:01 UTC	32.2903842	-107.785358	4	2	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid	Grass	ARAD, Aristida adscensionis, Annual Graminoid
T12	2021-10-27 16:59:16 UTC	32.2903968	-107.7853679	5	2.5	Grass	ARAD, Aristida adscensionis, Annual Graminoid	Grass	ARAD, Aristida adscensionis, Annual Graminoid
T12	2021-10-27 16:59:29 UTC	32.2903991	-107.7853629	6	3	Grass	ARAD, Aristida adscensionis, Annual Graminoid	Grass	ARAD, Aristida adscensionis, Annual Graminoid
T12	2021-10-27 16:59:37 UTC	32.2903981	-107.7853652	7	3.5	Grass	ARAD, Aristida adscensionis, Annual Graminoid	Bare Ground	
T12	2021-10-27 16:59:50 UTC	32.2903975	-107.7853645	8	4	Grass	ARAD, Aristida adscensionis, Annual Graminoid	Litter	
T12	2021-10-27 16:59:56 UTC	32.2903995	-107.7853633	9	4.5	Litter		Litter	
T12	2021-10-27 17:00:07 UTC	32.2904017	-107.7853662	10	5	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Litter	
T12	2021-10-27 17:00:11 UTC	32.2904207	-107.7853644	11	5.5	Bare Ground		Bare Ground	
T12	2021-10-27 17:00:19 UTC	32.2904249	-107.7853655	12	6	Bare Ground		Bare Ground	
T12	2021-10-27 17:00:31 UTC	32.2904276	-107.7853754	13	6.5	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Bare Ground	
T12	2021-10-27 17:00:46 UTC	32.2904311	-107.7853731	14	7	Grass	ARAD, Aristida adscensionis, Annual Graminoid	Bare Ground	
T12	2021-10-27 17:00:59 UTC	32.2904355	-107.7853647	15	7.5	Grass	ARAD, Aristida adscensionis, Annual Graminoid	Bare Ground	
T12	2021-10-27 17:01:08 UTC	32.2904395	-107.7853598	16	8	Grass	ARAD, Aristida adscensionis, Annual Graminoid	Bare Ground	
T12	2021-10-27 17:01:11 UTC	32.2904413	-107.78536	17	8.5	Bare Ground		Bare Ground	
T12	2021-10-27 17:01:25 UTC	32.2904413	-107.7853602	18	9	Grass	ARAD, Aristida adscensionis, Annual Graminoid	Bare Ground	
T12	2021-10-27 17:01:48 UTC	32.2904479	-107.7853643	19	9.5	Grass	ARAD, Aristida adscensionis, Annual Graminoid	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid
T12	2021-10-27 17:02:00 UTC	32.2904513	-107.7853625	20	10	Grass	ARAD, Aristida adscensionis, Annual Graminoid	Litter	
T12	2021-10-27 17:02:09 UTC	32.2904626	-107.7853554	21	10.5	Grass	ARPU9, Aristida purpurea, Perennial Graminoid	Bare Ground	
T12	2021-10-27 17:02:13 UTC	32.2904634	-107.7853593	22	11	Bare Ground		Bare Ground	
T12	2021-10-27 17:02:31 UTC	32.2904627	-107.7853606	23	11.5	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Grass	ARAD, Aristida adscensionis, Annual Graminoid
T12	2021-10-27 17:02:32 UTC	32.2904698	-107.7853475	24	12	Bare Ground		Bare Ground	
T12	2021-10-27 17:02:51 UTC	32.2904704	-107.7853478	25	12.5	Grass	ARPU9, Aristida purpurea, Perennial Graminoid	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid
T12	2021-10-27 17:02:53 UTC	32.2904826	-107.7853456	26	13	Bare Ground		Bare Ground	
T12	2021-10-27 17:03:38 UTC	32.290484	-107.7853441	27	13.5	Grass	ARAD, Aristida adscensionis, Annual Graminoid	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid
T12	2021-10-27 17:03:43 UTC	32.2904932	-107.7853461	28	14	Bare Ground		Bare Ground	
T12	2021-10-27 17:04:20 UTC	32.2904944	-107.7853463	29	14.5	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid	Bare Ground	
T12	2021-10-27 17:04:36 UTC	32.2904972	-107.7853357	30	15	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid	Bare Ground	
T12	2021-10-27 17:04:50 UTC	32.2904963	-107.7853513	31	15.5	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid
T12	2021-10-27 17:05:00 UTC	32.2904986	-107.7853519	32	16	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid	Bare Ground	
T12	2021-10-27 17:05:05 UTC	32.2904985	-107.7853481	33	16.5	Bare Ground		Bare Ground	
T12	2021-10-27 17:05:08 UTC	32.2905017	-107.785348	34	17	Bare Ground		Bare Ground	
T12	2021-10-27 17:05:21 UTC	32.2905061	-107.7853458	35	17.5	Shrub	PSSC6, Psoralea scoparius, Perennial Shrub	Litter	
T12	2021-10-27 17:05:54 UTC	32.2905128	-107.7853464	36	18	Shrub	CHLI2, Chilopsis linearis, Perennial Shrub	Shrub	PSSC6, Psoralea scoparius, Perennial Shrub
T12	2021-10-27 17:06:04 UTC	32.2905188	-107.7853307	37	18.5	Shrub	PSSC6, Psoralea scoparius, Perennial Shrub	Litter	

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T12	2021-10-27 17:06:21 UTC	32.2905171	-107.7853386	38	19	Shrub	PSSC6, Psorothamnus scoparius, Perennial Shrub	Grass	DAPU7, Dasyochloa pulchella, Perennial Graminoid
T12	2021-10-27 17:06:37 UTC	32.2905194	-107.7853464	39	19.5	Shrub	DAPU7, Dasyochloa pulchella, Perennial Graminoid	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid
T12	2021-10-27 17:06:43 UTC	32.2905457	-107.7853497	40	20	Grass	DAPU7, Dasyochloa pulchella, Perennial Graminoid	Bare Ground	
T12	2021-10-27 17:06:49 UTC	32.2905454	-107.785346	41	20.5	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Bare Ground	
T12	2021-10-27 17:07:05 UTC	32.2905446	-107.7853424	42	21	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid
T12	2021-10-27 17:08:00 UTC	32.2905533	-107.7853385	43	21.5	Grass	ARAD, Aristida adscensionis, Annual Graminoid	Bare Ground	
T12	2021-10-27 17:08:20 UTC	32.2905611	-107.785331	44	22	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Bare Ground	
T12	2021-10-27 17:08:34 UTC	32.2905665	-107.7853392	45	22.5	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid
T12	2021-10-27 17:08:51 UTC	32.2905694	-107.7853406	46	23	Grass	ARAD, Aristida adscensionis, Annual Graminoid	Bare Ground	
T12	2021-10-27 17:08:56 UTC	32.2905698	-107.7853428	47	23.5	Bare Ground		Bare Ground	
T12	2021-10-27 17:09:10 UTC	32.2905705	-107.7853419	48	24	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid
T12	2021-10-27 17:09:11 UTC	32.2905884	-107.7853477	49	24.5	Bare Ground		Bare Ground	
T12	2021-10-27 17:12:00 UTC	32.2905889	-107.7853476	50	25	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid
T12	2021-10-27 17:09:30 UTC	32.2905838	-107.7853385	51	25.5	Bare Ground		Bare Ground	
T12	2021-10-27 17:12:44 UTC	32.2905893	-107.7853199	52	26	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid	Bare Ground	
T12	2021-10-27 17:12:53 UTC	32.2905948	-107.7853281	53	26.5	Bare Ground		Bare Ground	
T12	2021-10-27 17:13:03 UTC	32.290594	-107.7853345	54	27	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Litter	
T12	2021-10-27 17:13:10 UTC	32.2906003	-107.7853388	55	27.5	Litter		Litter	
T12	2021-10-27 17:14:12 UTC	32.2906043	-107.7853411	56	28	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid
T12	2021-10-27 17:14:21 UTC	32.2906222	-107.7853232	57	28.5	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Bare Ground	
T12	2021-10-27 17:14:25 UTC	32.2906204	-107.7853273	58	29	Bare Ground		Bare Ground	
T12	2021-10-27 17:14:41 UTC	32.2906205	-107.7853303	59	29.5	Shrub	PSSC6, Psorothamnus scoparius, Perennial Shrub	Litter	
T12	2021-10-27 17:15:11 UTC	32.2906257	-107.7853275	60	30	Shrub	PSSC6, Psorothamnus scoparius, Perennial Shrub	Shrub	PSSC6, Psorothamnus scoparius, Perennial Shrub
T12	2021-10-27 17:15:22 UTC	32.2906376	-107.7853331	61	30.5	Shrub	PSSC6, Psorothamnus scoparius, Perennial Shrub	Litter	
T12	2021-10-27 17:15:36 UTC	32.2906376	-107.7853242	62	31	Shrub	PSSC6, Psorothamnus scoparius, Perennial Shrub	Shrub	PSSC6, Psorothamnus scoparius, Perennial Shrub
T12	2021-10-27 17:15:53 UTC	32.2906418	-107.7853307	63	31.5	Shrub	PSSC6, Psorothamnus scoparius, Perennial Shrub	Shrub	GUSA2, Gutierrezia sarothrae, Perennial Subshrub
T12	2021-10-27 17:16:04 UTC	32.2906424	-107.7853302	64	32	Shrub	PSSC6, Psorothamnus scoparius, Perennial Shrub	Litter	
T12	2021-10-27 17:16:17 UTC	32.2906479	-107.7853281	65	32.5	Shrub	PSSC6, Psorothamnus scoparius, Perennial Shrub	Shrub	PSSC6, Psorothamnus scoparius, Perennial Shrub
T12	2021-10-27 17:16:25 UTC	32.2906522	-107.7853296	66	33	Shrub	PSSC6, Psorothamnus scoparius, Perennial Shrub	Bare Ground	
T12	2021-10-27 17:16:39 UTC	32.290654	-107.7853283	67	33.5	Shrub	PSSC6, Psorothamnus scoparius, Perennial Shrub	Litter	
T12	2021-10-27 17:16:41 UTC	32.2906629	-107.7853276	68	34	Bare Ground		Bare Ground	
T12	2021-10-27 17:16:43 UTC	32.2906639	-107.7853274	69	34.5	Bare Ground		Bare Ground	
T12	2021-10-27 17:17:01 UTC	32.2906642	-107.7853269	70	35	Shrub	PSSC6, Psorothamnus scoparius, Perennial Shrub	Shrub	PSSC6, Psorothamnus scoparius, Perennial Shrub
T12	2021-10-27 17:17:08 UTC	32.2906761	-107.7853261	71	35.5	Shrub	PSSC6, Psorothamnus scoparius, Perennial Shrub	Litter	
T12	2021-10-27 17:17:11 UTC	32.2906753	-107.7853323	72	36	Bare Ground		Bare Ground	
T12	2021-10-27 17:17:17 UTC	32.2906747	-107.7853338	73	36.5	Bare Ground		Bare Ground	
T12	2021-10-27 17:17:30 UTC	32.2906811	-107.7853262	74	37	Shrub	PSSC6, Psorothamnus scoparius, Perennial Shrub	Bare Ground	
T12	2021-10-27 17:17:32 UTC	32.2906962	-107.785323	75	37.5	Bare Ground		Bare Ground	
T12	2021-10-27 17:17:41 UTC	32.290697	-107.7853222	76	38	Grass	DAPU7, Dasyochloa pulchella, Perennial Graminoid	Bare Ground	
T12	2021-10-27 17:17:52 UTC	32.2907052	-107.7853261	77	38.5	Shrub	GUSA2, Gutierrezia sarothrae, Perennial Subshrub	Bare Ground	

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T12	2021-10-27 17:18:03 UTC	32.2907117	-107.7853281	78	39	Shrub	PSSC6, Psoralea scoparius, Perennial Shrub	Litter	
T12	2021-10-27 17:18:14 UTC	32.2907117	-107.7853229	79	39.5	Shrub	PSSC6, Psoralea scoparius, Perennial Shrub	Litter	
T12	2021-10-27 17:18:17 UTC	32.2907202	-107.7853178	80	40	Bare Ground		Bare Ground	
T12	2021-10-27 17:18:20 UTC	32.2907196	-107.785317	81	40.5	Bare Ground		Bare Ground	
T12	2021-10-27 17:18:22 UTC	32.2907187	-107.785318	82	41	Bare Ground		Bare Ground	
T12	2021-10-27 17:18:25 UTC	32.2907217	-107.7853205	83	41.5	Bare Ground		Bare Ground	
T12	2021-10-27 17:18:28 UTC	32.2907213	-107.7853231	84	42	Bare Ground		Bare Ground	
T12	2021-10-27 17:18:35 UTC	32.2907242	-107.7853205	85	42.5	Litter		Litter	
T12	2021-10-27 17:18:53 UTC	32.2907266	-107.7853091	86	43	Shrub	GUSA2, Gutierrezia sarothrae, Perennial Subshrub	Shrub	GUSA2, Gutierrezia sarothrae, Perennial Subshrub
T12	2021-10-27 17:18:55 UTC	32.2907461	-107.7853111	87	43.5	Bare Ground		Bare Ground	
T12	2021-10-27 17:18:58 UTC	32.2907461	-107.7853111	88	44	Bare Ground		Bare Ground	
T12	2021-10-27 17:19:01 UTC	32.2907452	-107.7853109	89	44.5	Bare Ground		Bare Ground	
T12	2021-10-27 17:19:26 UTC	32.2907452	-107.7853142	90	45	Grass	ARAD, Aristida adscensionis, Annual Graminoid	Grass	ARAD, Aristida adscensionis, Annual Graminoid
T12	2021-10-27 17:19:28 UTC	32.2907614	-107.78531	91	45.5	Bare Ground		Bare Ground	
T12	2021-10-27 17:19:31 UTC	32.2907615	-107.7853101	92	46	Bare Ground		Bare Ground	
T12	2021-10-27 17:19:35 UTC	32.290761	-107.7853094	93	46.5	Bare Ground		Bare Ground	
T12	2021-10-27 17:19:36 UTC	32.2907602	-107.7853087	94	47	Bare Ground		Bare Ground	
T12	2021-10-27 17:19:38 UTC	32.2907613	-107.7853075	95	47.5	Bare Ground		Bare Ground	
T12	2021-10-27 17:19:39 UTC	32.290761	-107.7853091	96	48	Bare Ground		Bare Ground	
T12	2021-10-27 17:19:41 UTC	32.2907677	-107.785309	97	48.5	Bare Ground		Bare Ground	
T12	2021-10-27 17:19:43 UTC	32.2907677	-107.785309	98	49	Bare Ground		Bare Ground	
T12	2021-10-27 17:19:44 UTC	32.2907648	-107.7853094	99	49.5	Bare Ground		Bare Ground	
T12	2021-10-27 17:19:56 UTC	32.2907648	-107.7853094	100	50	Shrub	PSSC6, Psoralea scoparius, Perennial Shrub	Litter	
T11	2021-10-27 16:03:04 UTC	32.2899451	-107.7848379	1	0.5	Litter		Litter	
T11	2021-10-27 16:03:06 UTC	32.2899543	-107.7848225	2	1	Bare Ground		Bare Ground	
T11	2021-10-27 16:03:12 UTC	32.2899543	-107.7848225	3	1.5	Bare Ground		Bare Ground	
T11	2021-10-27 16:03:20 UTC	32.2899549	-107.7848226	4	2	Shrub	PSSC6, Psoralea scoparius, Perennial Shrub	Bare Ground	
T11	2021-10-27 16:03:30 UTC	32.2899547	-107.7848223	5	2.5	Shrub	PSSC6, Psoralea scoparius, Perennial Shrub	Bare Ground	
T11	2021-10-27 16:03:33 UTC	32.2899661	-107.7848236	6	3	Bare Ground		Bare Ground	
T11	2021-10-27 16:03:41 UTC	32.2899684	-107.7848264	7	3.5	Bare Ground		Bare Ground	
T11	2021-10-27 16:03:46 UTC	32.2899696	-107.7848272	8	4	Rock		Rock	
T11	2021-10-27 16:03:49 UTC	32.2899743	-107.7848274	9	4.5	Bare Ground		Bare Ground	
T11	2021-10-27 16:03:54 UTC	32.2899742	-107.7848289	10	5	Bare Ground		Bare Ground	
T11	2021-10-27 16:03:58 UTC	32.2899809	-107.7848338	11	5.5	Bare Ground		Bare Ground	
T11	2021-10-27 16:04:00 UTC	32.2899859	-107.7848325	12	6	Bare Ground		Bare Ground	
T11	2021-10-27 16:04:06 UTC	32.2899881	-107.7848337	13	6.5	Bare Ground		Bare Ground	
T11	2021-10-27 16:04:21 UTC	32.2899931	-107.7848352	14	7	Shrub	GUSA2, Gutierrezia sarothrae, Perennial Subshrub	Litter	
T11	2021-10-27 16:04:51 UTC	32.2900029	-107.7848314	15	7.5	Shrub	PSSC6, Psoralea scoparius, Perennial Shrub	Forb	PEHA, Peganum harmala, Perennial Forb
T11	2021-10-27 16:05:11 UTC	32.2900022	-107.7848375	16	8	Shrub	PSSC6, Psoralea scoparius, Perennial Shrub	Shrub	GUSA2, Gutierrezia sarothrae, Perennial Subshrub
T11	2021-10-27 16:05:16 UTC	32.2900049	-107.7848409	17	8.5	Bare Ground		Bare Ground	
T11	2021-10-27 16:05:21 UTC	32.290006	-107.7848383	18	9	Bare Ground		Bare Ground	
T11	2021-10-27 16:05:23 UTC	32.2900103	-107.7848393	19	9.5	Bare Ground		Bare Ground	
T11	2021-10-27 16:05:26 UTC	32.290014	-107.7848393	20	10	Bare Ground		Bare Ground	
T11	2021-10-27 16:05:31 UTC	32.2900157	-107.7848409	21	10.5	Bare Ground		Bare Ground	
T11	2021-10-27 16:05:41 UTC	32.2900163	-107.7848349	22	11	Shrub	GUSA2, Gutierrezia sarothrae, Perennial Subshrub	Bare Ground	
T11	2021-10-27 16:06:02 UTC	32.2900285	-107.784838	23	11.5	Grass	BOBA2, Bouteloua barbata, Annual Graminoid	Bare Ground	
T11	2021-10-27 16:06:25 UTC	32.2900274	-107.7848381	24	12	Bare Ground		Bare Ground	
T11	2021-10-27 16:06:40 UTC	32.2900413	-107.7848373	25	12.5	Shrub	GUSA2, Gutierrezia sarothrae, Perennial Subshrub	Litter	
T11	2021-10-27 16:06:57 UTC	32.2900467	-107.7848319	26	13	Bare Ground		Bare Ground	
T11	2021-10-27 16:07:08 UTC	32.2900548	-107.784828	27	13.5	Grass	DAPU7, Dasyochloa pulchella, Perennial Graminoid	Bare Ground	
T11	2021-10-27 16:07:12 UTC	32.2900533	-107.7848287	28	14	Bare Ground		Bare Ground	
T11	2021-10-27 16:07:17 UTC	32.2900518	-107.7848304	29	14.5	Bare Ground		Bare Ground	
T11	2021-10-27 16:07:25 UTC	32.2900519	-107.7848316	30	15	Bare Ground		Bare Ground	
T11	2021-10-27 16:07:30 UTC	32.2900521	-107.7848321	31	15.5	Bare Ground		Bare Ground	
T11	2021-10-27 16:07:35 UTC	32.2900584	-107.7848314	32	16	Bare Ground		Bare Ground	
T11	2021-10-27 16:07:45 UTC	32.290065	-107.7848331	33	16.5	Shrub	GUSA2, Gutierrezia sarothrae, Perennial Subshrub	Bare Ground	
T11	2021-10-27 16:07:55 UTC	32.2900816	-107.7848376	34	17	Bare Ground		Bare Ground	
T11	2021-10-27 16:08:02 UTC	32.2900834	-107.7848363	35	17.5	Bare Ground		Bare Ground	
T11	2021-10-27 16:08:09 UTC	32.2900883	-107.7848299	36	18	Litter		Litter	
T11	2021-10-27 16:08:22 UTC	32.2900978	-107.7848286	37	18.5	Grass	ARPU9, Aristida purpurea, Perennial Graminoid	Bare Ground	

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T11	2021-10-27 16:14:15 UTC	32.2901007	-107.7848331	38	19	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid	Grass	DAPU7, Dasyochloa pulchella, Perennial Graminoid
T11	2021-10-27 16:08:44 UTC	32.2900984	-107.7848297	39	19.5	Bare Ground		Bare Ground	
T11	2021-10-27 16:09:01 UTC	32.2900985	-107.7848292	40	20	Grass	DAPU7, Dasyochloa pulchella, Perennial Graminoid	Grass	DAPU7, Dasyochloa pulchella, Perennial Graminoid
T11	2021-10-27 16:14:40 UTC	32.2901076	-107.7848104	41	20.5	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid	Bare Ground	
T11	2021-10-27 16:14:49 UTC	32.2901052	-107.7848123	42	21	Bare Ground		Bare Ground	
T11	2021-10-27 16:15:00 UTC	32.2901167	-107.7848179	43	21.5	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Bare Ground	
T11	2021-10-27 16:15:25 UTC	32.2901226	-107.7848196	44	22	Grass	BOBA2, Bouteloua barbata, Annual Graminoid	Grass	BOBA2, Bouteloua barbata, Annual Graminoid
T11	2021-10-27 16:16:04 UTC	32.2901357	-107.7848299	45	22.5	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid	Grass	BOBA2, Bouteloua barbata, Annual Graminoid
T11	2021-10-27 16:16:20 UTC	32.2901476	-107.7848307	46	23	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid
T11	2021-10-27 16:16:35 UTC	32.2901451	-107.7848274	47	23.5	Grass	BOBA2, Bouteloua barbata, Annual Graminoid	Grass	DAPU7, Dasyochloa pulchella, Perennial Graminoid
T11	2021-10-27 16:17:23 UTC	32.2901453	-107.7848245	48	24	Grass	DAPU7, Dasyochloa pulchella, Perennial Graminoid	Bare Ground	
T11	2021-10-27 16:17:35 UTC	32.2901512	-107.7848034	49	24.5	Grass	DAPU7, Dasyochloa pulchella, Perennial Graminoid	Bare Ground	
T11	2021-10-27 16:17:49 UTC	32.2901588	-107.7848143	50	25	Grass	DAPU7, Dasyochloa pulchella, Perennial Graminoid	Bare Ground	
T11	2021-10-27 16:18:26 UTC	32.2901594	-107.7848192	51	25.5	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Grass	ARAD, Aristida adscensionis, Annual Graminoid
T11	2021-10-27 16:18:56 UTC	32.2901639	-107.7848253	52	26	Grass	ARAD, Aristida adscensionis, Annual Graminoid	Bare Ground	
T11	2021-10-27 16:19:30 UTC	32.2901676	-107.7848243	53	26.5	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid	Bare Ground	
T11	2021-10-27 16:19:53 UTC	32.2901771	-107.7848152	54	27	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid
T11	2021-10-27 16:20:38 UTC	32.2901853	-107.7848356	55	27.5	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid	Bare Ground	
T11	2021-10-27 16:20:50 UTC	32.2901752	-107.7848266	56	28	Bare Ground		Bare Ground	
T11	2021-10-27 16:20:53 UTC	32.2901751	-107.7848261	57	28.5	Bare Ground		Bare Ground	
T11	2021-10-27 16:20:58 UTC	32.2901763	-107.7848253	58	29	Bare Ground		Bare Ground	
T11	2021-10-27 16:21:17 UTC	32.2901788	-107.7848228	59	29.5	Shrub	CHLI2, Chilopsis linearis, Perennial Shrub	Litter	
T11	2021-10-27 16:21:35 UTC	32.2901884	-107.7848248	60	30	Shrub	PSSC6, Psoralea scoparius, Perennial Shrub	Shrub	GUSA2, Gutierrezia sarothrae, Perennial Subshrub
T11	2021-10-27 16:21:53 UTC	32.2901885	-107.7848224	61	30.5	Shrub	PSSC6, Psoralea scoparius, Perennial Shrub	Bare Ground	
T11	2021-10-27 16:22:00 UTC	32.2902033	-107.7848292	62	31	Bare Ground		Bare Ground	
T11	2021-10-27 16:22:04 UTC	32.2902052	-107.7848299	63	31.5	Bare Ground		Bare Ground	
T11	2021-10-27 16:22:26 UTC	32.290205	-107.7848301	64	32	Grass	GUSA2, Gutierrezia sarothrae, Perennial Subshrub	Litter	
T11	2021-10-27 16:22:34 UTC	32.2902118	-107.7848207	65	32.5	Bare Ground		Bare Ground	
T11	2021-10-27 16:22:47 UTC	32.2902168	-107.7848258	66	33	Shrub	GUSA2, Gutierrezia sarothrae, Perennial Subshrub	Litter	
T11	2021-10-27 16:23:07 UTC	32.2902243	-107.7848229	67	33.5	Bare Ground		Bare Ground	
T11	2021-10-27 16:23:12 UTC	32.2902308	-107.7848206	68	34	Bare Ground		Bare Ground	
T11	2021-10-27 16:23:30 UTC	32.2902296	-107.7848215	69	34.5	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Grass	DAPU7, Dasyochloa pulchella, Perennial Graminoid
T11	2021-10-27 16:23:37 UTC	32.2902378	-107.7848269	70	35	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Bare Ground	
T11	2021-10-27 16:24:03 UTC	32.290239	-107.784826	71	35.5	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid
T11	2021-10-27 16:24:18 UTC	32.2902533	-107.7848215	72	36	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid	Bare Ground	
T11	2021-10-27 16:24:28 UTC	32.2902512	-107.7848235	73	36.5	Bare Ground		Bare Ground	
T11	2021-10-27 16:24:39 UTC	32.2902552	-107.7848189	74	37	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Bare Ground	
T11	2021-10-27 16:24:49 UTC	32.2902607	-107.784824	75	37.5	Bare Ground		Bare Ground	
T11	2021-10-27 16:25:21 UTC	32.2902606	-107.7848299	76	38	Grass	ARAD, Aristida adscensionis, Annual Graminoid	Grass	ARAD, Aristida adscensionis, Annual Graminoid
T11	2021-10-27 16:25:28 UTC	32.2902641	-107.7848221	77	38.5	Grass	DAPU7, Dasyochloa pulchella, Perennial Graminoid	Bare Ground	

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T11	2021-10-27 16:26:25 UTC	32.2902593	-107.7848221	78	39	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid	Grass	DAPU7, Dasyochloa pulchella, Perennial Graminoid
T11	2021-10-27 16:26:27 UTC	32.290285	-107.7848175	79	39.5	Bare Ground		Bare Ground	
T11	2021-10-27 16:26:43 UTC	32.2902858	-107.7848148	80	40	Litter		Litter	
T11	2021-10-27 16:26:58 UTC	32.2902965	-107.7848233	81	40.5	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Litter	
T11	2021-10-27 16:27:10 UTC	32.2902945	-107.7848211	82	41	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid	Bare Ground	
T11	2021-10-27 16:27:25 UTC	32.2902978	-107.784818	83	41.5	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid	Grass	DAPU7, Dasyochloa pulchella, Perennial Graminoid
T11	2021-10-27 16:27:54 UTC	32.290301	-107.7848207	84	42	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Grass	ARPU9, Aristida purpurea, Perennial Graminoid
T11	2021-10-27 16:28:44 UTC	32.2903016	-107.7848216	85	42.5	Grass	ARPU9, Aristida purpurea, Perennial Graminoid	Grass	ARPU9, Aristida purpurea, Perennial Graminoid
T11	2021-10-27 16:28:51 UTC	32.2903122	-107.7848149	86	43	Bare Ground		Bare Ground	
T11	2021-10-27 16:29:17 UTC	32.2903114	-107.784819	87	43.5	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid
T11	2021-10-27 16:29:18 UTC	32.2903236	-107.7848284	88	44	Bare Ground		Bare Ground	
T11	2021-10-27 16:29:30 UTC	32.2903231	-107.7848295	89	44.5	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Bare Ground	
T11	2021-10-27 16:29:43 UTC	32.2903279	-107.7848286	90	45	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Litter	
T11	2021-10-27 16:29:50 UTC	32.290338	-107.7848238	91	45.5	Bare Ground		Bare Ground	
T11	2021-10-27 16:29:58 UTC	32.2903381	-107.7848216	92	46	Bare Ground		Bare Ground	
T11	2021-10-27 16:30:04 UTC	32.2903434	-107.7848275	93	46.5	Bare Ground		Bare Ground	
T11	2021-10-27 16:30:20 UTC	32.290345	-107.7848299	94	47	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid
T11	2021-10-27 16:30:26 UTC	32.290351	-107.7848292	95	47.5	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Bare Ground	
T11	2021-10-27 16:30:39 UTC	32.2903508	-107.7848303	96	48	Shrub	GUSA2, Gutierrezia sarothrae, Perennial Subshrub	Bare Ground	
T11	2021-10-27 16:30:49 UTC	32.2903551	-107.7848275	97	48.5	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Bare Ground	
T11	2021-10-27 16:30:53 UTC	32.2903592	-107.7848234	98	49	Bare Ground		Bare Ground	
T11	2021-10-27 16:31:12 UTC	32.2903646	-107.7848252	99	49.5	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid
T11	2021-10-27 16:31:19 UTC	32.2903691	-107.7848316	100	50	Grass	ARPU9, Aristida purpurea, Perennial Graminoid	Bare Ground	
T10	2021-10-27 15:19:31 UTC	32.2900568	-107.784918	1	0.5	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Bare Ground	
T10	2021-10-27 15:19:32 UTC	32.2900578	-107.7849205	2	1	Bare Ground		Bare Ground	
T10	2021-10-27 15:19:36 UTC	32.2900578	-107.7849205	3	1.5	Bare Ground		Bare Ground	
T10	2021-10-27 15:19:38 UTC	32.2900576	-107.7849235	4	2	Bare Ground		Bare Ground	
T10	2021-10-27 15:19:40 UTC	32.2900619	-107.7849271	5	2.5	Bare Ground		Bare Ground	
T10	2021-10-27 15:19:43 UTC	32.2900687	-107.7849276	6	3	Bare Ground		Bare Ground	
T10	2021-10-27 15:19:46 UTC	32.290066	-107.7849265	7	3.5	Bare Ground		Bare Ground	
T10	2021-10-27 15:19:50 UTC	32.2900862	-107.7849265	8	4	Bare Ground		Bare Ground	
T10	2021-10-27 15:20:09 UTC	32.2900979	-107.7849296	9	4.5	Grass	DAPU7, Dasyochloa pulchella, Perennial Graminoid	Bare Ground	
T10	2021-10-27 15:20:20 UTC	32.2901186	-107.7849301	10	5	Bare Ground		Bare Ground	
T10	2021-10-27 15:20:23 UTC	32.2901178	-107.7849314	11	5.5	Bare Ground		Bare Ground	
T10	2021-10-27 15:20:33 UTC	32.2901181	-107.7849329	12	6	Shrub	PSSC6, Psoralea scoparius, Perennial Shrub	Bare Ground	
T10	2021-10-27 15:20:58 UTC	32.2901193	-107.7849333	13	6.5	Forb	AF#4, Annual Forb, Annual Forb	Bare Ground	
T10	2021-10-27 15:21:03 UTC	32.2901267	-107.7849246	14	7	Bare Ground		Bare Ground	
T10	2021-10-27 15:21:07 UTC	32.2901304	-107.7849265	15	7.5	Bare Ground		Bare Ground	
T10	2021-10-27 15:21:09 UTC	32.2901341	-107.7849275	16	8	Bare Ground		Bare Ground	
T10	2021-10-27 15:21:38 UTC	32.2901359	-107.7849302	17	8.5	Grass	DAPU7, Dasyochloa pulchella, Perennial Graminoid	Grass	BOBA2, Bouteloua barbata, Annual Graminoid
T10	2021-10-27 15:21:46 UTC	32.2901394	-107.7849304	18	9	Grass	DAPU7, Dasyochloa pulchella, Perennial Graminoid	Bare Ground	
T10	2021-10-27 15:23:09 UTC	32.2901431	-107.7849313	19	9.5	Bare Ground		Bare Ground	
T10	2021-10-27 15:23:11 UTC	32.2901759	-107.7849246	20	10	Bare Ground		Bare Ground	
T10	2021-10-27 15:23:56 UTC	32.290174	-107.7849259	21	10.5	Bare Ground	GUSA2, Gutierrezia sarothrae, Perennial Subshrub	Bare Ground	
T10	2021-10-27 15:24:03 UTC	32.2901684	-107.7849576	22	11	Shrub	GUSA2, Gutierrezia sarothrae, Perennial Subshrub	Bare Ground	
T10	2021-10-27 15:24:07 UTC	32.2901676	-107.7849522	23	11.5	Bare Ground		Bare Ground	
T10	2021-10-27 15:24:18 UTC	32.2901689	-107.7849504	24	12	Bare Ground		Bare Ground	
T10	2021-10-27 15:24:37 UTC	32.2901722	-107.7849439	25	12.5	Bare Ground		Bare Ground	
T10	2021-10-27 15:24:46 UTC	32.2901884	-107.7849298	26	13	Grass	DAPU7, Dasyochloa pulchella, Perennial Graminoid	Bare Ground	
T10	2021-10-27 15:24:52 UTC	32.2901908	-107.7849323	27	13.5	Bare Ground		Bare Ground	



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T10	2021-10-27 15:25:09 UTC	32.290194	-107.7849373	29	14.5	Bare Ground		Bare Ground	
T10	2021-10-27 15:25:17 UTC	32.290191	-107.7849391	30	15	Grass	DAPU7, Dasyochloa pulchella, Perennial Graminoid	Bare Ground	
T10	2021-10-27 15:25:20 UTC	32.2902006	-107.7849386	31	15.5	Bare Ground		Bare Ground	
T10	2021-10-27 15:25:23 UTC	32.2902024	-107.78494	32	16	Bare Ground		Bare Ground	
T10	2021-10-27 15:25:33 UTC	32.290203	-107.7849398	33	16.5	Shrub	PSSC6, Psorothamnus scoparius, Perennial Shrub	Bare Ground	
T10	2021-10-27 15:25:36 UTC	32.2902207	-107.7849392	34	17	Bare Ground		Bare Ground	
T10	2021-10-27 15:25:44 UTC	32.290221	-107.784939	35	17.5	Grass	DAPU7, Dasyochloa pulchella, Perennial Graminoid	Bare Ground	
T10	2021-10-27 15:25:50 UTC	32.2902191	-107.7849424	36	18	Bare Ground		Bare Ground	
T10	2021-10-27 15:26:03 UTC	32.2902203	-107.7849436	37	18.5	Shrub	GUSA2, Gutierrezia sarothrae, Perennial Subshrub	Bare Ground	
T10	2021-10-27 15:26:12 UTC	32.290234	-107.7849382	38	19	Shrub	GUSA2, Gutierrezia sarothrae, Perennial Subshrub	Bare Ground	
T10	2021-10-27 15:26:15 UTC	32.2902403	-107.7849318	39	19.5	Bare Ground		Bare Ground	
T10	2021-10-27 15:26:18 UTC	32.2902408	-107.7849308	40	20	Bare Ground		Bare Ground	
T10	2021-10-27 15:26:22 UTC	32.2902413	-107.7849307	41	20.5	Bare Ground		Bare Ground	
T10	2021-10-27 15:26:34 UTC	32.290241	-107.7849321	42	21	Shrub	GUSA2, Gutierrezia sarothrae, Perennial Subshrub	Litter	
T10	2021-10-27 15:26:39 UTC	32.2902507	-107.7849316	43	21.5	Bare Ground		Bare Ground	
T10	2021-10-27 15:26:50 UTC	32.2902564	-107.784937	44	22	Shrub	GUSA2, Gutierrezia sarothrae, Perennial Subshrub	Litter	
T10	2021-10-27 15:26:58 UTC	32.2902699	-107.784933	45	22.5	Shrub	GUSA2, Gutierrezia sarothrae, Perennial Subshrub	Bare Ground	
T10	2021-10-27 15:27:02 UTC	32.2902764	-107.7849323	46	23	Bare Ground		Bare Ground	
T10	2021-10-27 15:27:12 UTC	32.2902788	-107.784933	47	23.5	Shrub	GUSA2, Gutierrezia sarothrae, Perennial Subshrub	Litter	
T10	2021-10-27 15:27:15 UTC	32.2902957	-107.7849323	48	24	Bare Ground		Bare Ground	
T10	2021-10-27 15:27:25 UTC	32.2902971	-107.7849321	49	24.5	Shrub	GUSA2, Gutierrezia sarothrae, Perennial Subshrub	Bare Ground	
T10	2021-10-27 15:27:34 UTC	32.2902939	-107.7849346	50	25	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Bare Ground	
T10	2021-10-27 15:27:35 UTC	32.2902948	-107.7849372	51	25.5	Bare Ground		Bare Ground	
T10	2021-10-27 15:27:57 UTC	32.2902955	-107.7849363	52	26	Grass	ARPU9, Aristida purpurea, Perennial Graminoid	Bare Ground	
T10	2021-10-27 15:28:14 UTC	32.2903099	-107.7849391	53	26.5	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Grass	BOAR, Bouteloua aristoides, Annual Graminoid
T10	2021-10-27 15:28:30 UTC	32.2903102	-107.7849431	54	27	Shrub	GUSA2, Gutierrezia sarothrae, Perennial Subshrub	Bare Ground	
T10	2021-10-27 15:28:33 UTC	32.2903184	-107.7849377	55	27.5	Bare Ground		Bare Ground	
T10	2021-10-27 15:28:49 UTC	32.2903197	-107.7849367	56	28	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Bare Ground	
T10	2021-10-27 15:28:56 UTC	32.2903286	-107.7849317	57	28.5	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Bare Ground	
T10	2021-10-27 15:29:07 UTC	32.290327	-107.7849313	58	29	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid
T10	2021-10-27 15:29:21 UTC	32.2903257	-107.7849299	59	29.5	Grass	DAPU7, Dasyochloa pulchella, Perennial Graminoid	Grass	BOAR, Bouteloua aristoides, Annual Graminoid
T10	2021-10-27 15:29:27 UTC	32.2903284	-107.7849338	60	30	Bare Ground		Bare Ground	
T10	2021-10-27 15:29:52 UTC	32.2903319	-107.7849307	61	30.5	Grass	ARPU9, Aristida purpurea, Perennial Graminoid	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid
T10	2021-10-27 15:29:57 UTC	32.2903614	-107.7849296	62	31	Bare Ground		Bare Ground	
T10	2021-10-27 15:30:09 UTC	32.2903628	-107.7849303	63	31.5	Grass	DAPU7, Dasyochloa pulchella, Perennial Graminoid	Bare Ground	
T10	2021-10-27 15:30:18 UTC	32.290355	-107.7849305	64	32	Grass	GUSA2, Gutierrezia sarothrae, Perennial Subshrub	Litter	
T10	2021-10-27 15:30:33 UTC	32.2903553	-107.7849295	65	32.5	Shrub	GUSA2, Gutierrezia sarothrae, Perennial Subshrub	Bare Ground	
T10	2021-10-27 15:30:50 UTC	32.2903663	-107.7849326	66	33	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid
T10	2021-10-27 15:30:51 UTC	32.2903665	-107.7849382	67	33.5	Bare Ground		Bare Ground	
T10	2021-10-27 15:31:07 UTC	32.2903666	-107.7849388	68	34	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid
T10	2021-10-27 15:31:20 UTC	32.2903777	-107.7849318	69	34.5	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid
T10	2021-10-27 15:31:31 UTC	32.2903774	-107.7849336	70	35	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid
T10	2021-10-27 15:31:45 UTC	32.2903771	-107.7849316	71	35.5	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Grass	DAPU7, Dasyochloa pulchella, Perennial Graminoid



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T10	2021-10-27 15:32:02 UTC	32.2903873	-107.7849349	72	36	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid
T10	2021-10-27 15:32:13 UTC	32.2903939	-107.7849243	73	36.5	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Grass	DAPU7, Dasyochloa pulchella, Perennial Graminoid
T10	2021-10-27 15:32:22 UTC	32.2903962	-107.7849261	74	37	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Bare Ground	
T10	2021-10-27 15:32:27 UTC	32.2904001	-107.7849245	75	37.5	Bare Ground		Bare Ground	
T10	2021-10-27 15:32:43 UTC	32.2904019	-107.7849203	76	38	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid
T10	2021-10-27 15:32:58 UTC	32.290407	-107.7849234	77	38.5	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid
T10	2021-10-27 15:33:08 UTC	32.2904087	-107.7849234	78	39	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Bare Ground	
T10	2021-10-27 15:33:20 UTC	32.2904152	-107.7849214	79	39.5	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Bare Ground	
T10	2021-10-27 15:33:22 UTC	32.290418	-107.7849277	80	40	Bare Ground		Bare Ground	
T10	2021-10-27 15:34:16 UTC	32.2904185	-107.7849281	81	40.5	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid
T10	2021-10-27 15:36:39 UTC	32.2904375	-107.7849156	82	41	Grass	SCPR, Sporobolus cryptandrus, Perennial Graminoid	Bare Ground	
T10	2021-10-27 15:36:51 UTC	32.2904334	-107.7849221	83	41.5	Grass	DAPU7, Dasyochloa pulchella, Perennial Graminoid	Bare Ground	
T10	2021-10-27 15:37:08 UTC	32.2904414	-107.7849252	84	42	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Bare Ground	
T10	2021-10-27 15:37:32 UTC	32.2904485	-107.7849239	85	42.5	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid
T10	2021-10-27 15:40:06 UTC	32.2904486	-107.784923	86	43	Bare Ground		Bare Ground	
T10	2021-10-27 15:40:18 UTC	32.2904621	-107.784919	87	43.5	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Bare Ground	
T10	2021-10-27 15:40:41 UTC	32.2904607	-107.784922	88	44	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid	Grass	DAPU7, Dasyochloa pulchella, Perennial Graminoid
T10	2021-10-27 15:40:56 UTC	32.2904718	-107.7849206	89	44.5	Grass	ARPU9, Aristida purpurea, Perennial Graminoid	Grass	DAPU7, Dasyochloa pulchella, Perennial Graminoid
T10	2021-10-27 15:41:00 UTC	32.2904717	-107.7849184	90	45	Bare Ground		Bare Ground	
T10	2021-10-27 15:41:17 UTC	32.2904727	-107.7849201	91	45.5	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid
T10	2021-10-27 15:41:28 UTC	32.2904727	-107.7849185	92	46	Grass	ARPU9, Aristida purpurea, Perennial Graminoid	Bare Ground	
T10	2021-10-27 15:41:44 UTC	32.2904768	-107.7849241	93	46.5	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid
T10	2021-10-27 15:41:58 UTC	32.2904887	-107.784919	94	47	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid
T10	2021-10-27 15:42:11 UTC	32.2904879	-107.7849178	95	47.5	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid
T10	2021-10-27 15:42:22 UTC	32.2904974	-107.7849279	96	48	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid
T10	2021-10-27 15:43:00 UTC	32.2904992	-107.7849304	97	48.5	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Grass	ARAD, Aristida adscensionis, Annual Graminoid
T10	2021-10-27 15:43:32 UTC	32.2905121	-107.7849299	98	49	Grass	ARAD, Aristida adscensionis, Annual Graminoid	Grass	DAPU7, Dasyochloa pulchella, Perennial Graminoid
T10	2021-10-27 15:43:51 UTC	32.2905121	-107.7849291	99	49.5	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid	Bare Ground	
T10	2021-10-27 15:44:06 UTC	32.290507	-107.7849281	100	50	Grass	DAPU7, Dasyochloa pulchella, Perennial Graminoid	Bare Ground	
T7	2021-10-26 21:31:04 UTC	32.2901966	-107.784493	1	0.5	Shrub	PSSC6, Psoralea scoparius, Perennial Shrub	Litter	
T7	2021-10-26 21:31:26 UTC	32.2901965	-107.7844923	2	1	Shrub	PSSC6, Psoralea scoparius, Perennial Shrub	Litter	
T7	2021-10-26 21:31:28 UTC	32.2902162	-107.7844948	3	1.5	Bare Ground		Bare Ground	
T7	2021-10-26 21:31:30 UTC	32.2902162	-107.7844948	4	2	Bare Ground		Bare Ground	
T7	2021-10-26 21:31:34 UTC	32.290219	-107.7844936	5	2.5	Bare Ground		Bare Ground	
T7	2021-10-26 21:31:47 UTC	32.2902193	-107.7844936	6	3	Bare Ground		Bare Ground	
T7	2021-10-26 21:31:48 UTC	32.2902254	-107.784489	7	3.5	Bare Ground		Bare Ground	
T7	2021-10-26 21:31:52 UTC	32.2902259	-107.7844896	8	4	Bare Ground		Bare Ground	
T7	2021-10-26 21:32:12 UTC	32.2902281	-107.7844906	9	4.5	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Bare Ground	

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T7	2021-10-26 21:32:21 UTC	32.2902346	-107.7844888	10	5	Bare Ground		Bare Ground	
T7	2021-10-26 21:32:24 UTC	32.2902356	-107.7844966	11	5.5	Bare Ground		Bare Ground	
T7	2021-10-26 21:32:30 UTC	32.2902357	-107.7844979	12	6	Bare Ground		Bare Ground	
T7	2021-10-26 21:32:40 UTC	32.2902346	-107.784497	13	6.5	Bare Ground		Bare Ground	
T7	2021-10-26 21:33:49 UTC	32.2902406	-107.7844958	14	7	Grass	ARPU9, Aristida purpurea, Perennial Graminoid	Bare Ground	
T7	2021-10-26 21:35:13 UTC	32.2902597	-107.7844887	15	7.5	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid	Bare Ground	
T7	2021-10-26 21:36:21 UTC	32.2902705	-107.7844825	16	8	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid
T7	2021-10-26 21:36:39 UTC	32.2902754	-107.7844808	17	8.5	Grass	ARPU9, Aristida purpurea, Perennial Graminoid	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid
T7	2021-10-26 21:37:23 UTC	32.2902799	-107.7844891	18	9	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Bare Ground	
T7	2021-10-26 21:37:34 UTC	32.2902806	-107.7844825	19	9.5	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid
T7	2021-10-26 21:37:42 UTC	32.2902771	-107.7844823	20	10	Bare Ground		Bare Ground	
T7	2021-10-26 21:37:45 UTC	32.2902845	-107.7844834	21	10.5	Bare Ground		Bare Ground	
T7	2021-10-26 21:38:47 UTC	32.2902861	-107.7844859	22	11	Grass	BOBA2, Bouteloua barbata, Annual Graminoid	Grass	BOBA2, Bouteloua barbata, Annual Graminoid
T7	2021-10-26 21:39:27 UTC	32.2902938	-107.7844829	23	11.5	Grass	ARAD, Aristida adscensionis, Annual Graminoid	Grass	ARAD, Aristida adscensionis, Annual Graminoid
T7	2021-10-26 21:39:29 UTC	32.2902932	-107.7844847	24	12	Bare Ground		Bare Ground	
T7	2021-10-26 21:39:56 UTC	32.290293	-107.7844846	25	12.5	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid
T7	2021-10-26 21:40:04 UTC	32.2903053	-107.784487	26	13	Bare Ground		Bare Ground	
T7	2021-10-26 21:40:13 UTC	32.2903095	-107.7844861	27	13.5	Litter		Litter	
T7	2021-10-26 21:40:17 UTC	32.2903156	-107.7844907	28	14	Bare Ground		Bare Ground	
T7	2021-10-26 21:40:52 UTC	32.2903199	-107.7844921	29	14.5	Grass	DAPU7, Dasyochloa pulchella, Perennial Graminoid	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid
T7	2021-10-26 21:41:08 UTC	32.2903291	-107.7844906	30	15	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid
T7	2021-10-26 21:41:21 UTC	32.2903344	-107.7844847	31	15.5	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid
T7	2021-10-26 21:41:23 UTC	32.2903406	-107.7844864	32	16	Bare Ground		Bare Ground	
T7	2021-10-26 21:41:25 UTC	32.2903409	-107.784484	33	16.5	Bare Ground		Bare Ground	
T7	2021-10-26 21:41:40 UTC	32.2903409	-107.784484	34	17	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid
T7	2021-10-26 21:41:50 UTC	32.2903542	-107.7844911	35	17.5	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Bare Ground	
T7	2021-10-26 21:41:57 UTC	32.2903526	-107.7844888	36	18	Grass	ARPU9, Aristida purpurea, Perennial Graminoid	Bare Ground	
T7	2021-10-26 21:42:08 UTC	32.2903515	-107.7844864	37	18.5	Grass	ARPU9, Aristida purpurea, Perennial Graminoid	Bare Ground	
T7	2021-10-26 21:42:22 UTC	32.290364	-107.7844893	38	19	Grass	ARPU9, Aristida purpurea, Perennial Graminoid	Bare Ground	
T7	2021-10-26 21:43:00 UTC	32.2903664	-107.7844845	39	19.5	Grass	ARAD, Aristida adscensionis, Annual Graminoid	Bare Ground	
T7	2021-10-26 21:43:21 UTC	32.2903811	-107.7844927	40	20	Grass	ARPU9, Aristida purpurea, Perennial Graminoid	Grass	ARPU9, Aristida purpurea, Perennial Graminoid
T7	2021-10-26 21:43:39 UTC	32.2903793	-107.7844833	41	20.5	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Bare Ground	
T7	2021-10-26 21:44:05 UTC	32.2903834	-107.784485	42	21	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Grass	DAPU7, Dasyochloa pulchella, Perennial Graminoid
T7	2021-10-26 21:44:09 UTC	32.2903921	-107.7844851	43	21.5	Bare Ground		Bare Ground	
T7	2021-10-26 21:44:22 UTC	32.2903923	-107.7844851	44	22	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Bare Ground	
T7	2021-10-26 21:44:48 UTC	32.2903961	-107.7844875	45	22.5	Grass	DAPU7, Dasyochloa pulchella, Perennial Graminoid	Grass	ARAD, Aristida adscensionis, Annual Graminoid
T7	2021-10-26 21:45:41 UTC	32.2904	-107.7844888	46	23	Shrub	GUSA2, Gutierrezia sarothrae, Perennial Subshrub	Grass	ARPU9, Aristida purpurea, Perennial Graminoid
T7	2021-10-26 21:45:43 UTC	32.2904116	-107.7844822	47	23.5	Bare Ground		Bare Ground	
T7	2021-10-26 21:45:57 UTC	32.2904118	-107.7844842	48	24	Bare Ground		Bare Ground	
T7	2021-10-26 21:46:13 UTC	32.2904209	-107.784487	49	24.5	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid	Bare Ground	
T7	2021-10-26 21:46:25 UTC	32.2904224	-107.7844827	50	25	Grass	DAPU7, Dasyochloa pulchella, Perennial Graminoid	Bare Ground	

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T7	2021-10-26 21:46:42 UTC	32.2904261	-107.7844894	52	26	Grass	ARAD, Aristida adscensionis, Annual Graminoid	Bare Ground	
T7	2021-10-26 21:47:00 UTC	32.2904294	-107.7844865	53	26.5	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid	Bare Ground	
T7	2021-10-26 21:47:04 UTC	32.2904437	-107.7844869	54	27	Bare Ground		Bare Ground	
T7	2021-10-26 21:47:22 UTC	32.2904437	-107.7844869	55	27.5	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid
T7	2021-10-26 21:48:57 UTC	32.2904476	-107.78449	56	28	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid	Forb	CHAL11, Euphorbia albomarginata, Perennial Forb
T7	2021-10-26 21:49:24 UTC	32.2904536	-107.7844968	57	28.5	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Litter	
T7	2021-10-26 21:49:32 UTC	32.2904569	-107.7844875	58	29	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Litter	
T7	2021-10-26 21:49:49 UTC	32.2904565	-107.7844863	59	29.5	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid
T7	2021-10-26 21:50:05 UTC	32.2904666	-107.7844829	60	30	Forb	CHAL11, Euphorbia albomarginata, Perennial Forb	Bare Ground	
T7	2021-10-26 21:52:09 UTC	32.2904655	-107.7844846	61	30.5	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid	Bare Ground	
T7	2021-10-26 21:52:15 UTC	32.2904883	-107.784486	62	31	Litter		Litter	
T7	2021-10-26 21:52:27 UTC	32.2904879	-107.7844893	63	31.5	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Bare Ground	
T7	2021-10-26 21:52:37 UTC	32.2904864	-107.7844818	64	32	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid	Bare Ground	
T7	2021-10-26 21:52:41 UTC	32.2904943	-107.7844829	65	32.5	Bare Ground		Bare Ground	
T7	2021-10-26 21:52:51 UTC	32.2904938	-107.7844832	66	33	Grass	DAPU7, Dasyochloa pulchella, Perennial Graminoid	Bare Ground	
T7	2021-10-26 21:53:00 UTC	32.2904911	-107.7844892	67	33.5	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Bare Ground	
T7	2021-10-26 21:53:15 UTC	32.2904895	-107.7844908	68	34	Grass	DAPU7, Dasyochloa pulchella, Perennial Graminoid	Litter	
T7	2021-10-26 21:53:37 UTC	32.2905081	-107.7844879	69	34.5	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Grass	DAPU7, Dasyochloa pulchella, Perennial Graminoid
T7	2021-10-26 21:54:08 UTC	32.2905147	-107.7844861	70	35	Grass	DAPU7, Dasyochloa pulchella, Perennial Graminoid	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid
T7	2021-10-26 21:54:10 UTC	32.290516	-107.7844825	71	35.5	Bare Ground		Bare Ground	
T7	2021-10-26 21:54:38 UTC	32.290516	-107.7844825	72	36	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid	Bare Ground	
T7	2021-10-26 21:54:53 UTC	32.2905247	-107.7844863	73	36.5	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid
T7	2021-10-26 21:54:55 UTC	32.2905374	-107.7844834	74	37	Bare Ground		Bare Ground	
T7	2021-10-26 21:55:08 UTC	32.2905374	-107.7844834	75	37.5	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Litter	
T7	2021-10-26 21:55:21 UTC	32.2905399	-107.7844886	76	38	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid
T7	2021-10-26 21:55:34 UTC	32.2905403	-107.7844937	77	38.5	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid
T7	2021-10-26 21:55:41 UTC	32.290542	-107.7844878	78	39	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid	Bare Ground	
T7	2021-10-26 21:57:36 UTC	32.2905436	-107.7844854	79	39.5	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Bare Ground	
T7	2021-10-26 21:57:38 UTC	32.290563	-107.7844833	80	40	Bare Ground		Bare Ground	
T7	2021-10-26 21:57:48 UTC	32.2905638	-107.7844838	81	40.5	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Bare Ground	
T7	2021-10-26 21:58:04 UTC	32.2905628	-107.7844837	82	41	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid
T7	2021-10-26 21:58:30 UTC	32.2905717	-107.7844813	83	41.5	Grass	DAPU7, Dasyochloa pulchella, Perennial Graminoid	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid
T7	2021-10-26 21:58:32 UTC	32.2905769	-107.7844852	84	42	Bare Ground		Bare Ground	
T7	2021-10-26 21:58:35 UTC	32.2905757	-107.7844844	85	42.5	Bare Ground		Bare Ground	
T7	2021-10-26 21:58:46 UTC	32.2905781	-107.7844849	86	43	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid	Bare Ground	
T7	2021-10-26 21:58:47 UTC	32.2905855	-107.7844891	87	43.5	Bare Ground		Bare Ground	
T7	2021-10-26 21:58:53 UTC	32.2905855	-107.7844891	88	44	Bare Ground		Bare Ground	
T7	2021-10-26 21:58:57 UTC	32.2905959	-107.7844903	89	44.5	Bare Ground		Bare Ground	
T7	2021-10-26 21:59:14 UTC	32.2906007	-107.7844948	90	45	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid	Grass	DAPU7, Dasyochloa pulchella, Perennial Graminoid

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T7	2021-10-26 21:59:33 UTC	32.2906172	-107.7844894	91	45.5	Grass	DAPU7, Dasyochloa pulchella, Perennial Graminoid	Bare Ground	
T7	2021-10-26 21:59:43 UTC	32.2906153	-107.7844929	92	46	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid	Bare Ground	
T7	2021-10-26 21:59:46 UTC	32.2906188	-107.7844931	93	46.5	Bare Ground		Bare Ground	
T7	2021-10-26 21:59:56 UTC	32.290619	-107.7844926	94	47	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid	Bare Ground	
T7	2021-10-26 22:00:01 UTC	32.2906245	-107.7844924	95	47.5	Bare Ground		Bare Ground	
T7	2021-10-26 22:00:06 UTC	32.2906288	-107.7844912	96	48	Bare Ground		Bare Ground	
T7	2021-10-26 22:00:10 UTC	32.2906273	-107.7844887	97	48.5	Bare Ground		Bare Ground	
T7	2021-10-26 22:00:28 UTC	32.2906293	-107.7844942	98	49	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid
T7	2021-10-26 22:00:37 UTC	32.290643	-107.7844931	99	49.5	Grass	DAPU7, Dasyochloa pulchella, Perennial Graminoid	Bare Ground	
T7	2021-10-26 22:00:44 UTC	32.2906441	-107.7844933	100	50	Grass	DAPU7, Dasyochloa pulchella, Perennial Graminoid	Bare Ground	
T5	2021-10-26 20:22:13 UTC	32.2903577	-107.7857946	1	0.5	Shrub	PSSC6, Psorothamnus scoparius, Perennial Shrub	Litter	
T5	2021-10-26 20:24:50 UTC	32.2903637	-107.7857907	2	1	Grass	ARAD, Aristida adscensionis, Annual Graminoid	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid
T5	2021-10-26 20:25:26 UTC	32.290362	-107.7857943	3	1.5	Shrub	PSSC6, Psorothamnus scoparius, Perennial Shrub	Litter	
T5	2021-10-26 20:27:22 UTC	32.2903707	-107.7857886	4	2	Shrub	PSSC6, Psorothamnus scoparius, Perennial Shrub	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid
T5	2021-10-26 20:27:33 UTC	32.2903697	-107.7857929	5	2.5	Shrub	PSSC6, Psorothamnus scoparius, Perennial Shrub	Rock	
T5	2021-10-26 20:28:11 UTC	32.2903712	-107.7857903	6	3	Shrub	PSSC6, Psorothamnus scoparius, Perennial Shrub	Litter	
T5	2021-10-26 20:28:13 UTC	32.2903852	-107.785789	7	3.5	Bare Ground		Bare Ground	
T5	2021-10-26 20:28:14 UTC	32.2903855	-107.7857891	8	4	Bare Ground		Bare Ground	
T5	2021-10-26 20:28:29 UTC	32.2903855	-107.7857891	9	4.5	Shrub	PSSC6, Psorothamnus scoparius, Perennial Shrub	Litter	
T5	2021-10-26 20:28:44 UTC	32.2903993	-107.7857885	10	5	Shrub	PSSC6, Psorothamnus scoparius, Perennial Shrub	Litter	
T5	2021-10-26 20:28:52 UTC	32.2904082	-107.7857886	11	5.5	Shrub	PSSC6, Psorothamnus scoparius, Perennial Shrub	Bare Ground	
T5	2021-10-26 20:29:01 UTC	32.2904072	-107.7857888	12	6	Bare Ground		Bare Ground	
T5	2021-10-26 20:29:06 UTC	32.2904071	-107.7857821	13	6.5	Bare Ground		Bare Ground	
T5	2021-10-26 20:29:31 UTC	32.2904073	-107.7857824	14	7	Shrub	PSSC6, Psorothamnus scoparius, Perennial Shrub	Shrub	GUSA2, Gutierrezia sarothrae, Perennial Subshrub
T5	2021-10-26 20:29:32 UTC	32.2904187	-107.7857824	15	7.5	Bare Ground		Bare Ground	
T5	2021-10-26 20:29:42 UTC	32.2904186	-107.7857826	16	8	Bare Ground		Bare Ground	
T5	2021-10-26 20:29:59 UTC	32.2904205	-107.7857808	17	8.5	Bare Ground		Bare Ground	
T5	2021-10-26 20:30:19 UTC	32.2904208	-107.7857787	18	9	Shrub	PSSC6, Psorothamnus scoparius, Perennial Shrub	Litter	
T5	2021-10-26 20:30:32 UTC	32.2904304	-107.7857698	19	9.5	Shrub	CHLI2, Chilopsis linearis, Perennial Shrub	Bare Ground	
T5	2021-10-26 20:30:51 UTC	32.2904341	-107.785773	20	10	Shrub	CHLI2, Chilopsis linearis, Perennial Shrub	Shrub	PSSC6, Psorothamnus scoparius, Perennial Shrub
T5	2021-10-26 20:30:58 UTC	32.2904336	-107.7857663	21	10.5	Bare Ground		Bare Ground	
T5	2021-10-26 20:31:31 UTC	32.2904331	-107.785767	22	11	Shrub	GUSA2, Gutierrezia sarothrae, Perennial Subshrub	Bare Ground	
T5	2021-10-26 20:31:55 UTC	32.2904691	-107.7857673	23	11.5	Shrub	CHLI2, Chilopsis linearis, Perennial Shrub	Litter	CHLI2, Chilopsis linearis, Perennial Shrub
T5	2021-10-26 20:32:05 UTC	32.2904675	-107.7857773	24	12	Shrub	PSSC6, Psorothamnus scoparius, Perennial Shrub	Litter	
T5	2021-10-26 20:32:16 UTC	32.2904675	-107.7857746	25	12.5	Shrub	PSSC6, Psorothamnus scoparius, Perennial Shrub	Litter	
T5	2021-10-26 20:32:18 UTC	32.2904693	-107.7857768	26	13	Bare Ground		Bare Ground	
T5	2021-10-26 20:32:48 UTC	32.2904705	-107.7857781	27	13.5	Shrub	CHLI2, Chilopsis linearis, Perennial Shrub	Shrub	GUSA2, Gutierrezia sarothrae, Perennial Subshrub
T5	2021-10-26 20:32:53 UTC	32.2904752	-107.7857809	28	14	Bare Ground		Bare Ground	
T5	2021-10-26 20:33:02 UTC	32.2904728	-107.785781	29	14.5	Bare Ground		Bare Ground	
T5	2021-10-26 20:33:04 UTC	32.290468	-107.7857807	30	15	Bare Ground		Bare Ground	
T5	2021-10-26 20:33:34 UTC	32.2904683	-107.7857812	31	15.5	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Bare Ground	
T5	2021-10-26 20:33:42 UTC	32.2904978	-107.7857745	32	16	Bare Ground		Bare Ground	
T5	2021-10-26 20:34:06 UTC	32.2904982	-107.7857773	33	16.5	Shrub	CHLI2, Chilopsis linearis, Perennial Shrub	Bare Ground	
T5	2021-10-26 20:34:21 UTC	32.2904988	-107.7857823	34	17	Shrub	CHLI2, Chilopsis linearis, Perennial Shrub	Litter	
T5	2021-10-26 20:34:48 UTC	32.2904992	-107.7857822	35	17.5	Grass	ARAD, Aristida adscensionis, Annual Graminoid	Bare Ground	

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T5	2021-10-26 20:35:19 UTC	32.2905169	-107.7857778	36	18	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid
T5	2021-10-26 20:35:35 UTC	32.2905162	-107.7857744	37	18.5	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Grass	DAPU7, Dasyochloa pulchella, Perennial Graminoid
T5	2021-10-26 20:35:52 UTC	32.2905229	-107.7857775	38	19	Grass	DAPU7, Dasyochloa pulchella, Perennial Graminoid	Grass	DAPU7, Dasyochloa pulchella, Perennial Graminoid
T5	2021-10-26 20:36:08 UTC	32.2905294	-107.7857825	39	19.5	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid	Bare Ground	
T5	2021-10-26 20:36:09 UTC	32.2905327	-107.7857806	40	20	Bare Ground		Bare Ground	
T5	2021-10-26 20:37:30 UTC	32.2905327	-107.7857806	41	20.5	Grass	ARPU9, Aristida purpurea, Perennial Graminoid	Bare Ground	
T5	2021-10-26 20:37:34 UTC	32.2905367	-107.7857782	42	21	Bare Ground		Bare Ground	
T5	2021-10-26 20:37:42 UTC	32.29054	-107.7857784	43	21.5	Bare Ground		Bare Ground	
T5	2021-10-26 20:37:45 UTC	32.2905383	-107.7857697	44	22	Bare Ground		Bare Ground	
T5	2021-10-26 20:37:49 UTC	32.2905399	-107.7857709	45	22.5	Bare Ground		Bare Ground	
T5	2021-10-26 20:37:51 UTC	32.2905499	-107.7857697	46	23	Bare Ground		Bare Ground	
T5	2021-10-26 20:38:17 UTC	32.2905538	-107.7857718	47	23.5	Grass	ARPU9, Aristida purpurea, Perennial Graminoid	Grass	ARPU9, Aristida purpurea, Perennial Graminoid
T5	2021-10-26 20:38:18 UTC	32.2905657	-107.785776	48	24	Bare Ground		Bare Ground	
T5	2021-10-26 20:38:24 UTC	32.2905661	-107.7857764	49	24.5	Bare Ground		Bare Ground	
T5	2021-10-26 20:38:28 UTC	32.2905738	-107.7857807	50	25	Bare Ground		Bare Ground	
T5	2021-10-26 20:38:33 UTC	32.290574	-107.7857782	51	25.5	Bare Ground		Bare Ground	
T5	2021-10-26 20:38:41 UTC	32.2905773	-107.7857762	52	26	Grass	ARPU9, Aristida purpurea, Perennial Graminoid	Bare Ground	
T5	2021-10-26 20:38:55 UTC	32.2905851	-107.7857722	53	26.5	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Bare Ground	
T5	2021-10-26 20:39:10 UTC	32.2905888	-107.7857697	54	27	Grass	ARPU9, Aristida purpurea, Perennial Graminoid	Bare Ground	
T5	2021-10-26 20:39:20 UTC	32.2905952	-107.785767	55	27.5	Shrub	PSSC6, Psoralea scoparius, Perennial Shrub	Bare Ground	
T5	2021-10-26 20:39:41 UTC	32.2906004	-107.7857688	56	28	Shrub	PSSC6, Psoralea scoparius, Perennial Shrub	Bare Ground	
T5	2021-10-26 20:40:00 UTC	32.2906184	-107.7857674	57	28.5	Rock		Rock	
T5	2021-10-26 20:40:03 UTC	32.2906179	-107.7857672	58	29	Bare Ground		Bare Ground	
T5	2021-10-26 20:40:07 UTC	32.2906179	-107.7857666	59	29.5	Bare Ground		Bare Ground	
T5	2021-10-26 20:40:26 UTC	32.2906183	-107.7857654	60	30	Rock		Rock	
T5	2021-10-26 20:40:35 UTC	32.2906241	-107.7857705	61	30.5	Bare Ground		Bare Ground	
T5	2021-10-26 20:40:39 UTC	32.2906251	-107.7857709	62	31	Bare Ground		Bare Ground	
T5	2021-10-26 20:44:27 UTC	32.2906267	-107.7857691	63	31.5	Grass	ARPU9, Aristida purpurea, Perennial Graminoid	Grass	ARPU9, Aristida purpurea, Perennial Graminoid
T5	2021-10-26 20:44:34 UTC	32.290644	-107.785767	64	32	Bare Ground		Bare Ground	
T5	2021-10-26 20:44:37 UTC	32.2906454	-107.7857638	65	32.5	Bare Ground		Bare Ground	
T5	2021-10-26 20:44:42 UTC	32.2906499	-107.7857645	66	33	Bare Ground		Bare Ground	
T5	2021-10-26 20:45:01 UTC	32.2906499	-107.7857637	67	33.5	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Bare Ground	
T5	2021-10-26 20:45:21 UTC	32.2906601	-107.7857589	68	34	Grass	ARPU9, Aristida purpurea, Perennial Graminoid	Rock	
T5	2021-10-26 20:45:44 UTC	32.2906554	-107.7857625	69	34.5	Bare Ground		Bare Ground	
T5	2021-10-26 20:45:58 UTC	32.2906609	-107.7857536	70	35	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Bare Ground	
T5	2021-10-26 20:46:14 UTC	32.2906689	-107.7857641	71	35.5	Grass	ARPU9, Aristida purpurea, Perennial Graminoid	Grass	ARPU9, Aristida purpurea, Perennial Graminoid
T5	2021-10-26 20:46:17 UTC	32.2906711	-107.7857642	72	36	Bare Ground		Bare Ground	
T5	2021-10-26 20:46:27 UTC	32.2906711	-107.7857642	73	36.5	Grass	ARPU9, Aristida purpurea, Perennial Graminoid	Bare Ground	
T5	2021-10-26 20:46:46 UTC	32.2906727	-107.7857651	74	37	Grass	ARPU9, Aristida purpurea, Perennial Graminoid	Bare Ground	
T5	2021-10-26 20:46:50 UTC	32.2906938	-107.7857636	75	37.5	Bare Ground		Bare Ground	
T5	2021-10-26 20:46:59 UTC	32.2906935	-107.7857656	76	38	Rock		Rock	
T5	2021-10-26 20:47:07 UTC	32.2906972	-107.7857585	77	38.5	Rock		Rock	
T5	2021-10-26 20:47:17 UTC	32.2906967	-107.7857536	78	39	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Rock	
T5	2021-10-26 20:47:22 UTC	32.2906966	-107.7857522	79	39.5	Rock		Rock	
T5	2021-10-26 20:47:38 UTC	32.2906964	-107.7857515	80	40	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Rock	
T5	2021-10-26 20:47:40 UTC	32.2907135	-107.7857669	81	40.5	Bare Ground		Bare Ground	
T5	2021-10-26 20:47:44 UTC	32.2907135	-107.7857665	82	41	Bare Ground		Bare Ground	
T5	2021-10-26 20:47:51 UTC	32.290713	-107.785764	83	41.5	Bare Ground		Bare Ground	
T5	2021-10-26 20:47:57 UTC	32.2907241	-107.7857548	84	42	Bare Ground		Bare Ground	
T5	2021-10-26 20:48:01 UTC	32.2907313	-107.785755	85	42.5	Bare Ground		Bare Ground	
T5	2021-10-26 20:48:19 UTC	32.2907342	-107.7857565	86	43	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid

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T5	2021-10-26 20:48:40 UTC	32.2907482	-107.7857556	88	44	Bare Ground		Bare Ground	
T5	2021-10-26 20:49:03 UTC	32.2907487	-107.7857542	89	44.5	Shrub	PSSC6, Psoralea scoparius, Perennial Shrub	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid
T5	2021-10-26 20:49:30 UTC	32.2907617	-107.7857587	90	45	Shrub	PSSC6, Psoralea scoparius, Perennial Shrub	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid
T5	2021-10-26 20:49:46 UTC	32.2907566	-107.7857596	91	45.5	Shrub	PSSC6, Psoralea scoparius, Perennial Shrub	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid
T5	2021-10-26 20:50:00 UTC	32.290755	-107.7857507	92	46	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid
T5	2021-10-26 20:50:10 UTC	32.290753	-107.7857601	93	46.5	Litter		Litter	
T5	2021-10-26 20:50:14 UTC	32.290763	-107.7857558	94	47	Litter		Litter	
T5	2021-10-26 20:51:52 UTC	32.2907658	-107.7857555	95	47.5	Forb	CHMI7, Chamaesyce micromera, Perennial Forb	Bare Ground	
T5	2021-10-26 20:52:50 UTC	32.2907743	-107.7857552	96	48	Shrub	PSSC6, Psoralea scoparius, Perennial Shrub	Litter	
T5	2021-10-26 20:53:04 UTC	32.2907765	-107.7857557	97	48.5	Shrub	PSSC6, Psoralea scoparius, Perennial Shrub	Litter	
T5	2021-10-26 20:53:19 UTC	32.2907835	-107.7857498	98	49	Shrub	PSSC6, Psoralea scoparius, Perennial Shrub	Litter	
T5	2021-10-26 20:53:41 UTC	32.2907793	-107.7857509	99	49.5	Shrub	PSSC6, Psoralea scoparius, Perennial Shrub	Grass	ARPU9, Aristida purpurea, Perennial Graminoid
T5	2021-10-26 20:53:42 UTC	32.2907799	-107.7857528	100	50	Bare Ground		Bare Ground	
T4	2021-10-26 19:20:59 UTC	32.2907193	-107.782287	1	0.5	Grass	BOAR, Bouteloua aristoides, Annual Graminoid	Bare Ground	
T4	2021-10-26 19:21:14 UTC	32.2907312	-107.7822871	2	1	Bare Ground		Bare Ground	
T4	2021-10-26 19:21:18 UTC	32.2907338	-107.7822956	3	1.5	Bare Ground		Bare Ground	
T4	2021-10-26 19:21:33 UTC	32.2907396	-107.782292	4	2	Bare Ground		Bare Ground	
T4	2021-10-26 19:21:36 UTC	32.2907489	-107.7822955	5	2.5	Bare Ground		Bare Ground	
T4	2021-10-26 19:21:47 UTC	32.2907437	-107.7822955	6	3	Bare Ground		Bare Ground	
T4	2021-10-26 19:22:02 UTC	32.290752	-107.7822897	7	3.5	Grass	BOAR, Bouteloua aristoides, Annual Graminoid	Bare Ground	
T4	2021-10-26 19:22:06 UTC	32.2907613	-107.7822936	8	4	Bare Ground		Bare Ground	
T4	2021-10-26 19:22:22 UTC	32.2907637	-107.7822937	9	4.5	Litter		Litter	
T4	2021-10-26 19:23:01 UTC	32.2907646	-107.7822949	10	5	Grass	DAPU7, Dasyochloa pulchella, Perennial Graminoid	Bare Ground	
T4	2021-10-26 19:23:19 UTC	32.2907743	-107.7823003	11	5.5	Grass	BOAR, Bouteloua aristoides, Annual Graminoid	Bare Ground	
T4	2021-10-26 19:23:23 UTC	32.2907778	-107.7822974	12	6	Bare Ground		Bare Ground	
T4	2021-10-26 19:23:50 UTC	32.2907789	-107.7822981	13	6.5	Bare Ground		Bare Ground	
T4	2021-10-26 19:24:15 UTC	32.2907949	-107.782292	14	7	Grass	DAPU7, Dasyochloa pulchella, Perennial Graminoid	Grass	BOAR, Bouteloua aristoides, Annual Graminoid
T4	2021-10-26 19:26:58 UTC	32.2907985	-107.7822935	15	7.5	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Litter	
T4	2021-10-26 19:29:05 UTC	32.2908033	-107.7823063	16	8	Grass	BOBA2, Bouteloua barbata, Annual Graminoid	Grass	BOBA2, Bouteloua barbata, Annual Graminoid
T4	2021-10-26 19:29:49 UTC	32.2908055	-107.782292	17	8.5	Grass	BOAR, Bouteloua aristoides, Annual Graminoid	Litter	
T4	2021-10-26 19:30:13 UTC	32.2908106	-107.782298	18	9	Grass	BOBA2, Bouteloua barbata, Annual Graminoid	Bare Ground	
T4	2021-10-26 19:31:18 UTC	32.2908181	-107.7822976	19	9.5	Grass	BOAR, Bouteloua aristoides, Annual Graminoid	Grass	BOAR, Bouteloua aristoides, Annual Graminoid
T4	2021-10-26 19:31:53 UTC	32.290819	-107.7822969	20	10	Grass	BOAR, Bouteloua aristoides, Annual Graminoid	Grass	BOAR, Bouteloua aristoides, Annual Graminoid
T4	2021-10-26 19:32:04 UTC	32.2908185	-107.7822962	21	10.5	Grass	BOAR, Bouteloua aristoides, Annual Graminoid	Bare Ground	
T4	2021-10-26 19:32:27 UTC	32.2908229	-107.7823068	22	11	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Grass	BOAR, Bouteloua aristoides, Annual Graminoid
T4	2021-10-26 19:32:41 UTC	32.2908234	-107.7823075	23	11.5	Grass	BOAR, Bouteloua aristoides, Annual Graminoid	Bare Ground	
T4	2021-10-26 19:32:50 UTC	32.290826	-107.7823024	24	12	Litter		Litter	
T4	2021-10-26 19:33:05 UTC	32.2908272	-107.7823052	25	12.5	Shrub	PSSC6, Psoralea scoparius, Perennial Shrub	Litter	
T4	2021-10-26 19:33:41 UTC	32.2908512	-107.7823104	26	13	Grass	PSSC6, Psoralea scoparius, Perennial Shrub	Grass	BOAR, Bouteloua aristoides, Annual Graminoid
T4	2021-10-26 19:33:43 UTC	32.2908401	-107.7823032	27	13.5	Bare Ground		Bare Ground	
T4	2021-10-26 19:34:10 UTC	32.2908427	-107.7823041	28	14	Rock		Rock	
T4	2021-10-26 19:34:16 UTC	32.2908534	-107.7823137	29	14.5	Bare Ground		Bare Ground	



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T4	2021-10-26 19:34:23 UTC	32.2908595	-107.7823106	31	15.5	Bare Ground		Bare Ground	
T4	2021-10-26 19:34:30 UTC	32.2908586	-107.7823115	32	16	Bare Ground		Bare Ground	
T4	2021-10-26 19:34:36 UTC	32.2908648	-107.7823095	33	16.5	Bare Ground		Bare Ground	
T4	2021-10-26 19:34:52 UTC	32.290867	-107.7823109	34	17	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Litter	
T4	2021-10-26 19:35:01 UTC	32.2908684	-107.7823157	35	17.5	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Litter	
T4	2021-10-26 19:35:12 UTC	32.2908685	-107.7823157	36	18	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Litter	
T4	2021-10-26 19:35:27 UTC	32.2908686	-107.7823157	37	18.5	Shrub	PSSC6, Psoralea scoparius, Perennial Shrub	Litter	
T4	2021-10-26 19:35:42 UTC	32.2908884	-107.7823087	38	19	Shrub	PSSC6, Psoralea scoparius, Perennial Shrub	Bare Ground	
T4	2021-10-26 19:37:58 UTC	32.2909037	-107.7823175	39	19.5	Grass	BOBA2, Bouteloua barbata, Annual Graminoid	Grass	BOAR, Bouteloua aristoides, Annual Graminoid
T4	2021-10-26 19:38:36 UTC	32.2909048	-107.7823105	40	20	Bare Ground		Bare Ground	
T4	2021-10-26 19:38:40 UTC	32.2909048	-107.7823105	41	20.5	Bare Ground		Bare Ground	
T4	2021-10-26 19:38:44 UTC	32.2909042	-107.7823137	42	21	Bare Ground		Bare Ground	
T4	2021-10-26 19:39:02 UTC	32.2909168	-107.7823088	43	21.5	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Grass	DAPU7, Dasyochloa pulchella, Perennial Graminoid
T4	2021-10-26 19:39:10 UTC	32.2909265	-107.7823175	44	22	Bare Ground		Bare Ground	
T4	2021-10-26 19:39:25 UTC	32.2909308	-107.7823202	45	22.5	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Bare Ground	
T4	2021-10-26 19:39:45 UTC	32.290932	-107.782328	46	23	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Grass	DAPU7, Dasyochloa pulchella, Perennial Graminoid
T4	2021-10-26 19:39:58 UTC	32.2909367	-107.7823273	47	23.5	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid
T4	2021-10-26 19:40:15 UTC	32.290936	-107.7823254	48	24	Grass	BOAR, Bouteloua aristoides, Annual Graminoid	Bare Ground	
T4	2021-10-26 19:40:26 UTC	32.2909373	-107.7823268	49	24.5	Bare Ground		Bare Ground	
T4	2021-10-26 19:41:13 UTC	32.2909473	-107.782323	50	25	Bare Ground		Bare Ground	
T4	2021-10-26 19:41:15 UTC	32.2909475	-107.7823229	51	25.5	Bare Ground		Bare Ground	
T4	2021-10-26 19:41:42 UTC	32.2909475	-107.7823229	52	26	Shrub	PSSC6, Psoralea scoparius, Perennial Shrub	Grass	BOAR, Bouteloua aristoides, Annual Graminoid
T4	2021-10-26 19:41:56 UTC	32.2909589	-107.782329	53	26.5	Shrub	PSSC6, Psoralea scoparius, Perennial Shrub	Litter	
T4	2021-10-26 19:42:15 UTC	32.2909648	-107.7823312	54	27	Shrub	PSSC6, Psoralea scoparius, Perennial Shrub	Bare Ground	
T4	2021-10-26 19:42:20 UTC	32.2909702	-107.7823335	55	27.5	Bare Ground		Bare Ground	
T4	2021-10-26 19:42:33 UTC	32.2909711	-107.7823317	56	28	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Bare Ground	
T4	2021-10-26 19:42:58 UTC	32.2909776	-107.7823323	57	28.5	Grass	DAPU7, Dasyochloa pulchella, Perennial Graminoid	Grass	DAPU7, Dasyochloa pulchella, Perennial Graminoid
T4	2021-10-26 19:43:09 UTC	32.2909781	-107.782332	58	29	Rock		Rock	
T4	2021-10-26 19:43:15 UTC	32.2909782	-107.7823325	59	29.5	Bare Ground		Bare Ground	
T4	2021-10-26 19:43:39 UTC	32.2909851	-107.7823328	60	30	Grass	BOAR, Bouteloua aristoides, Annual Graminoid	Bare Ground	
T4	2021-10-26 19:43:50 UTC	32.2909929	-107.7823312	61	30.5	Bare Ground		Bare Ground	
T4	2021-10-26 19:44:01 UTC	32.2909914	-107.78233	62	31	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Bare Ground	
T4	2021-10-26 19:44:06 UTC	32.2910079	-107.7823364	63	31.5	Bare Ground		Bare Ground	
T4	2021-10-26 19:44:18 UTC	32.2910106	-107.7823367	64	32	Grass	BOAR, Bouteloua aristoides, Annual Graminoid	Bare Ground	
T4	2021-10-26 19:44:25 UTC	32.291011	-107.7823347	65	32.5	Grass	DAPU7, Dasyochloa pulchella, Perennial Graminoid	Bare Ground	
T4	2021-10-26 19:44:38 UTC	32.2910093	-107.7823392	66	33	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid
T4	2021-10-26 19:44:53 UTC	32.2910193	-107.782341	67	33.5	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Grass	BOAR, Bouteloua aristoides, Annual Graminoid
T4	2021-10-26 19:45:02 UTC	32.2910233	-107.7823415	68	34	Grass	BOAR, Bouteloua aristoides, Annual Graminoid	Bare Ground	
T4	2021-10-26 19:45:18 UTC	32.291023	-107.7823413	69	34.5	Grass	BOAR, Bouteloua aristoides, Annual Graminoid	Bare Ground	
T4	2021-10-26 19:45:54 UTC	32.2910303	-107.7823446	70	35	Grass	BOAR, Bouteloua aristoides, Annual Graminoid	Grass	DAPU7, Dasyochloa pulchella, Perennial Graminoid
T4	2021-10-26 19:45:56 UTC	32.291041	-107.7823446	71	35.5	Bare Ground		Bare Ground	
T4	2021-10-26 19:46:18 UTC	32.291041	-107.7823446	72	36	Grass	BOAR, Bouteloua aristoides, Annual Graminoid	Grass	BOAR, Bouteloua aristoides, Annual Graminoid
T4	2021-10-26 19:46:31 UTC	32.29105	-107.7823406	73	36.5	Grass	BOAR, Bouteloua aristoides, Annual Graminoid	Bare Ground	



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T4	2021-10-26 19:46:34 UTC	32.2910508	-107.7823425	74	37	Bare Ground		Bare Ground	
T4	2021-10-26 19:46:48 UTC	32.2910506	-107.7823443	75	37.5	Bare Ground		Bare Ground	
T4	2021-10-26 19:47:01 UTC	32.2910616	-107.7823463	76	38	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid	Bare Ground	
T4	2021-10-26 19:47:11 UTC	32.2910665	-107.7823501	77	38.5	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid	Bare Ground	
T4	2021-10-26 19:47:17 UTC	32.2910666	-107.7823526	78	39	Bare Ground		Bare Ground	
T4	2021-10-26 19:47:32 UTC	32.2910691	-107.7823539	79	39.5	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid	Bare Ground	
T4	2021-10-26 19:47:44 UTC	32.2910711	-107.782354	80	40	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid
T4	2021-10-26 19:47:55 UTC	32.2910711	-107.7823543	81	40.5	Bare Ground		Bare Ground	
T4	2021-10-26 19:48:00 UTC	32.2910917	-107.782349	82	41	Bare Ground		Bare Ground	
T4	2021-10-26 19:48:20 UTC	32.2910937	-107.7823602	83	41.5	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid
T4	2021-10-26 19:48:25 UTC	32.2910946	-107.782363	84	42	Litter		Litter	
T4	2021-10-26 19:48:39 UTC	32.2910947	-107.7823632	85	42.5	Shrub	PSSC6, Psoralea scoparius, Perennial Shrub	Litter	
T4	2021-10-26 19:49:12 UTC	32.2911055	-107.7823576	86	43	Shrub	PSSC6, Psoralea scoparius, Perennial Shrub	Shrub	PSSC6, Psoralea scoparius, Perennial Shrub
T4	2021-10-26 19:49:38 UTC	32.2910977	-107.7823616	87	43.5	Shrub	PSSC6, Psoralea scoparius, Perennial Shrub	Shrub	PSSC6, Psoralea scoparius, Perennial Shrub
T4	2021-10-26 19:49:49 UTC	32.291118	-107.782364	88	44	Shrub	PSSC6, Psoralea scoparius, Perennial Shrub	Litter	
T4	2021-10-26 19:50:20 UTC	32.2911176	-107.7823654	89	44.5	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid
T4	2021-10-26 19:50:37 UTC	32.2911223	-107.7823557	90	45	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid
T4	2021-10-26 19:50:39 UTC	32.2911247	-107.782361	91	45.5	Bare Ground		Bare Ground	
T4	2021-10-26 19:50:49 UTC	32.2911247	-107.782361	92	46	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Bare Ground	
T4	2021-10-26 19:51:31 UTC	32.2911329	-107.782361	93	46.5	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid
T4	2021-10-26 19:51:36 UTC	32.2911494	-107.7823679	94	47	Bare Ground		Bare Ground	
T4	2021-10-26 19:51:40 UTC	32.2911493	-107.7823668	95	47.5	Bare Ground		Bare Ground	
T4	2021-10-26 19:51:46 UTC	32.2911489	-107.7823629	96	48	Litter		Litter	
T4	2021-10-26 19:51:52 UTC	32.2911504	-107.7823589	97	48.5	Litter		Litter	
T4	2021-10-26 19:52:07 UTC	32.2911489	-107.7823598	98	49	Shrub	PSSC6, Psoralea scoparius, Perennial Shrub	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid
T4	2021-10-26 19:52:08 UTC	32.2911513	-107.7823575	99	49.5	Bare Ground		Bare Ground	
T4	2021-10-26 19:52:10 UTC	32.2911514	-107.7823573	100	50	Bare Ground		Bare Ground	
T3	2021-10-26 18:16:03 UTC	32.2903792	-107.7837036	1	0.5	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Bare Ground	
T3	2021-10-26 18:16:13 UTC	32.2903861	-107.783709	2	1	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Bare Ground	
T3	2021-10-26 18:16:14 UTC	32.2903929	-107.783715	3	1.5	Bare Ground		Bare Ground	
T3	2021-10-26 18:16:18 UTC	32.2903929	-107.783715	4	2	Bare Ground		Bare Ground	
T3	2021-10-26 18:16:36 UTC	32.2903958	-107.7837178	5	2.5	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Bare Ground	
T3	2021-10-26 18:16:56 UTC	32.2904212	-107.7837168	6	3	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid
T3	2021-10-26 18:16:58 UTC	32.290429	-107.7837151	7	3.5	Bare Ground		Bare Ground	
T3	2021-10-26 18:17:06 UTC	32.2904298	-107.7837159	8	4	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Bare Ground	
T3	2021-10-26 18:18:01 UTC	32.2904288	-107.7837185	9	4.5	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid
T3	2021-10-26 18:18:10 UTC	32.2904406	-107.7837155	10	5	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Bare Ground	
T3	2021-10-26 18:18:18 UTC	32.2904358	-107.7837177	11	5.5	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Bare Ground	
T3	2021-10-26 18:18:37 UTC	32.2904375	-107.7837169	12	6	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid
T3	2021-10-26 18:19:25 UTC	32.2904469	-107.7837169	13	6.5	Forb	CHAL11, Euphorbia albomarginata, Perennial Forb	Bare Ground	
T3	2021-10-26 18:19:36 UTC	32.2904657	-107.7837341	14	7	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Bare Ground	
T3	2021-10-26 18:19:47 UTC	32.2904638	-107.7837218	15	7.5	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid
T3	2021-10-26 18:19:51 UTC	32.2904712	-107.7837215	16	8	Bare Ground		Bare Ground	

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T3	2021-10-26 18:19:59 UTC	32.2904736	-107.7837246	17	8.5	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Bare Ground	
T3	2021-10-26 18:20:15 UTC	32.2904719	-107.7837293	18	9	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid
T3	2021-10-26 18:20:38 UTC	32.2904789	-107.7837227	19	9.5	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid
T3	2021-10-26 18:20:42 UTC	32.2904833	-107.7837235	20	10	Bare Ground		Bare Ground	
T3	2021-10-26 18:20:45 UTC	32.2904832	-107.7837236	21	10.5	Bare Ground		Bare Ground	
T3	2021-10-26 18:20:52 UTC	32.2904827	-107.783725	22	11	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Bare Ground	
T3	2021-10-26 18:21:00 UTC	32.290483	-107.7837275	23	11.5	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Bare Ground	
T3	2021-10-26 18:21:18 UTC	32.2904916	-107.7837228	24	12	Bare Ground		Bare Ground	
T3	2021-10-26 18:21:25 UTC	32.290509	-107.7837247	25	12.5	Bare Ground		Bare Ground	
T3	2021-10-26 18:21:26 UTC	32.2905079	-107.7837244	26	13	Bare Ground		Bare Ground	
T3	2021-10-26 18:21:38 UTC	32.2905086	-107.7837241	27	13.5	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Bare Ground	
T3	2021-10-26 18:21:48 UTC	32.2905161	-107.7837275	28	14	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Bare Ground	
T3	2021-10-26 18:21:50 UTC	32.2905233	-107.7837278	29	14.5	Bare Ground		Bare Ground	
T3	2021-10-26 18:22:14 UTC	32.2905239	-107.7837283	30	15	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid
T3	2021-10-26 18:22:15 UTC	32.2905353	-107.7837177	31	15.5	Bare Ground		Bare Ground	
T3	2021-10-26 18:22:42 UTC	32.2905355	-107.7837181	32	16	Bare Ground		Bare Ground	
T3	2021-10-26 18:22:45 UTC	32.2905446	-107.7837199	33	16.5	Bare Ground		Bare Ground	
T3	2021-10-26 18:22:53 UTC	32.2905442	-107.7837201	34	17	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Bare Ground	
T3	2021-10-26 18:22:57 UTC	32.290543	-107.78372	35	17.5	Bare Ground		Bare Ground	
T3	2021-10-26 18:23:16 UTC	32.2905456	-107.7837206	36	18	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid
T3	2021-10-26 18:23:18 UTC	32.2905587	-107.783716	37	18.5	Bare Ground		Bare Ground	
T3	2021-10-26 18:23:33 UTC	32.2905588	-107.7837161	38	19	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid
T3	2021-10-26 18:23:47 UTC	32.2905634	-107.7837197	39	19.5	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Bare Ground	
T3	2021-10-26 18:24:03 UTC	32.2905706	-107.7837143	40	20	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid
T3	2021-10-26 18:24:12 UTC	32.2905728	-107.7837165	41	20.5	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Bare Ground	
T3	2021-10-26 18:24:38 UTC	32.2905739	-107.7837167	42	21	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Forb	CHAL11, Euphorbia albomarginata, Perennial Forb
T3	2021-10-26 18:24:45 UTC	32.2905845	-107.783719	43	21.5	Bare Ground		Bare Ground	
T3	2021-10-26 18:24:56 UTC	32.2905936	-107.7837158	44	22	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Bare Ground	
T3	2021-10-26 18:24:59 UTC	32.2905892	-107.7837157	45	22.5	Bare Ground		Bare Ground	
T3	2021-10-26 18:25:11 UTC	32.2905944	-107.783717	46	23	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Bare Ground	
T3	2021-10-26 18:25:31 UTC	32.2906022	-107.7837349	47	23.5	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid
T3	2021-10-26 18:25:33 UTC	32.2906076	-107.7837312	48	24	Bare Ground		Bare Ground	
T3	2021-10-26 18:25:43 UTC	32.2906077	-107.7837312	49	24.5	Bare Ground		Bare Ground	
T3	2021-10-26 18:26:03 UTC	32.2906171	-107.7837191	50	25	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid
T3	2021-10-26 18:26:05 UTC	32.2906275	-107.7837257	51	25.5	Bare Ground		Bare Ground	
T3	2021-10-26 18:26:10 UTC	32.2906274	-107.7837256	52	26	Bare Ground		Bare Ground	
T3	2021-10-26 18:26:35 UTC	32.29063	-107.7837258	53	26.5	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Rock	
T3	2021-10-26 18:26:56 UTC	32.2906355	-107.7837217	54	27	Shrub	GUSA2, Gutierrezia sarothrae, Perennial Subshrub	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid
T3	2021-10-26 18:27:15 UTC	32.2906379	-107.7837187	55	27.5	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid
T3	2021-10-26 18:27:30 UTC	32.2906458	-107.7837211	56	28	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid
T3	2021-10-26 18:27:41 UTC	32.2906504	-107.78373	57	28.5	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Bare Ground	
T3	2021-10-26 18:27:48 UTC	32.290661	-107.7837299	58	29	Litter		Litter	
T3	2021-10-26 18:28:06 UTC	32.2906641	-107.7837256	59	29.5	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid

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T3	2021-10-26 18:28:44 UTC	32.2906668	-107.783725	61	30.5	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Bare Ground	
T3	2021-10-26 18:28:50 UTC	32.2906676	-107.783722	62	31	Bare Ground		Bare Ground	
T3	2021-10-26 18:29:02 UTC	32.2906741	-107.7837288	63	31.5	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Bare Ground	
T3	2021-10-26 18:29:07 UTC	32.2906776	-107.7837254	64	32	Bare Ground		Bare Ground	
T3	2021-10-26 18:29:19 UTC	32.2906789	-107.7837266	65	32.5	Bare Ground		Bare Ground	
T3	2021-10-26 18:29:33 UTC	32.290692	-107.7837277	66	33	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Bare Ground	
T3	2021-10-26 18:29:52 UTC	32.2907036	-107.7837338	67	33.5	Bare Ground		Bare Ground	
T3	2021-10-26 18:29:57 UTC	32.2907045	-107.7837228	68	34	Bare Ground		Bare Ground	
T3	2021-10-26 18:30:01 UTC	32.2907062	-107.7837259	69	34.5	Bare Ground		Bare Ground	
T3	2021-10-26 18:30:12 UTC	32.2907102	-107.7837242	70	35	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Bare Ground	
T3	2021-10-26 18:30:18 UTC	32.2907237	-107.7837232	71	35.5	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Bare Ground	
T3	2021-10-26 18:30:31 UTC	32.2907183	-107.7837286	72	36	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid
T3	2021-10-26 18:30:34 UTC	32.2907175	-107.7837266	73	36.5	Bare Ground		Bare Ground	
T3	2021-10-26 18:30:42 UTC	32.2907175	-107.7837268	74	37	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Bare Ground	
T3	2021-10-26 18:30:51 UTC	32.2907289	-107.7837265	75	37.5	Rock		Rock	
T3	2021-10-26 18:31:03 UTC	32.2907343	-107.7837291	76	38	Bare Ground		Bare Ground	
T3	2021-10-26 18:31:10 UTC	32.2907404	-107.7837334	77	38.5	Bare Ground		Bare Ground	
T3	2021-10-26 18:31:22 UTC	32.2907431	-107.7837335	78	39	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Bare Ground	
T3	2021-10-26 18:31:24 UTC	32.2907519	-107.7837314	79	39.5	Bare Ground		Bare Ground	
T3	2021-10-26 18:31:36 UTC	32.2907517	-107.7837313	80	40	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Bare Ground	
T3	2021-10-26 18:31:39 UTC	32.2907565	-107.7837393	81	40.5	Bare Ground		Bare Ground	
T3	2021-10-26 18:31:58 UTC	32.290755	-107.7837376	82	41	Grass	BOAR, Bouteloua aristoides, Annual Graminoid	Bare Ground	
T3	2021-10-26 18:32:07 UTC	32.2907691	-107.783732	83	41.5	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Bare Ground	
T3	2021-10-26 18:32:09 UTC	32.290773	-107.7837352	84	42	Bare Ground		Bare Ground	
T3	2021-10-26 18:32:11 UTC	32.290773	-107.7837352	85	42.5	Bare Ground		Bare Ground	
T3	2021-10-26 18:32:27 UTC	32.2907732	-107.7837338	86	43	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid
T3	2021-10-26 18:32:36 UTC	32.290782	-107.7837321	87	43.5	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Bare Ground	
T3	2021-10-26 18:32:51 UTC	32.2907822	-107.7837318	88	44	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid
T3	2021-10-26 18:32:53 UTC	32.29079	-107.7837326	89	44.5	Bare Ground		Bare Ground	
T3	2021-10-26 18:37:17 UTC	32.2907901	-107.7837326	90	45	Grass	BOLAT, Bothriochloa laguroides ssp. torreyana, Perennial Graminoid	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid
T3	2021-10-26 18:39:22 UTC	32.2908063	-107.7837358	91	45.5	Bare Ground		Bare Ground	
T3	2021-10-26 18:39:32 UTC	32.2908133	-107.7837276	92	46	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Bare Ground	
T3	2021-10-26 18:39:46 UTC	32.2908157	-107.7837341	93	46.5	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Rock	
T3	2021-10-26 18:39:56 UTC	32.290812	-107.7837308	94	47	Rock		Rock	
T3	2021-10-26 18:40:11 UTC	32.2908155	-107.7837277	95	47.5	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Rock	
T3	2021-10-26 18:40:21 UTC	32.2908246	-107.7837305	96	48	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Rock	
T3	2021-10-26 18:40:35 UTC	32.2908264	-107.7837299	97	48.5	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Rock	
T3	2021-10-26 18:40:43 UTC	32.2908331	-107.7837329	98	49	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Rock	
T3	2021-10-26 18:41:03 UTC	32.2908307	-107.7837327	99	49.5	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Rock	
T3	2021-10-26 18:41:23 UTC	32.2908393	-107.7837275	100	50	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Rock	
T2	2021-10-26 17:00:35 UTC	32.2920478	-107.7824732	1	0.5	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Litter	
T2	2021-10-26 17:00:39 UTC	32.2920686	-107.7824672	2	1	Litter		Litter	
T2	2021-10-26 17:00:51 UTC	32.2920717	-107.782466	3	1.5	Shrub	PSSC6, Psoralea scoparius, Perennial Shrub	Litter	
T2	2021-10-26 17:01:16 UTC	32.2920797	-107.7824689	4	2	Shrub	PSSC6, Psoralea scoparius, Perennial Shrub	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid
T2	2021-10-26 17:01:31 UTC	32.2921043	-107.782469	5	2.5	Shrub	PSSC6, Psoralea scoparius, Perennial Shrub	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid
T2	2021-10-26 17:01:41 UTC	32.2920991	-107.7824618	6	3	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Bare Ground	

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T2	2021-10-26 17:02:16 UTC	32.2921136	-107.782465	8	4	Grass	ARPU9, Aristida purpurea, Perennial Graminoid	Bare Ground	
T2	2021-10-26 17:02:34 UTC	32.2921157	-107.7824667	9	4.5	Grass	ARPU9, Aristida purpurea, Perennial Graminoid	Bare Ground	
T2	2021-10-26 17:02:37 UTC	32.2921138	-107.7824689	10	5	Bare Ground		Bare Ground	
T2	2021-10-26 17:02:41 UTC	32.2921133	-107.7824695	11	5.5	Bare Ground		Bare Ground	
T2	2021-10-26 17:03:07 UTC	32.2921135	-107.7824694	12	6	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid
T2	2021-10-26 17:03:09 UTC	32.2921222	-107.7824722	13	6.5	Bare Ground		Bare Ground	
T2	2021-10-26 17:03:16 UTC	32.2921229	-107.7824721	14	7	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Bare Ground	
T2	2021-10-26 17:03:42 UTC	32.2921241	-107.782474	15	7.5	Grass	ARPU9, Aristida purpurea, Perennial Graminoid	Grass	ARPU9, Aristida purpurea, Perennial Graminoid
T2	2021-10-26 17:03:56 UTC	32.2921415	-107.7824689	16	8	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Bare Ground	
T2	2021-10-26 17:04:54 UTC	32.2921437	-107.7824727	17	8.5	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid
T2	2021-10-26 17:05:16 UTC	32.2921524	-107.782458	18	9	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid
T2	2021-10-26 17:05:44 UTC	32.2921599	-107.7824664	19	9.5	Bare Ground		Bare Ground	
T2	2021-10-26 17:06:20 UTC	32.2921595	-107.782478	20	10	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Grass	BOAR, Bouteloua aristoides, Annual Graminoid
T2	2021-10-26 17:06:33 UTC	32.2921637	-107.7824791	21	10.5	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid
T2	2021-10-26 17:06:35 UTC	32.2921622	-107.782479	22	11	Bare Ground		Bare Ground	
T2	2021-10-26 17:06:44 UTC	32.2921618	-107.7824784	23	11.5	Bare Ground		Bare Ground	
T2	2021-10-26 17:06:57 UTC	32.2921638	-107.7824726	24	12	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Bare Ground	
T2	2021-10-26 17:07:17 UTC	32.292174	-107.7824743	25	12.5	Grass	ARPU9, Aristida purpurea, Perennial Graminoid	Bare Ground	
T2	2021-10-26 17:07:44 UTC	32.2921807	-107.7824716	26	13	Grass	ARPU9, Aristida purpurea, Perennial Graminoid	Grass	ARPU9, Aristida purpurea, Perennial Graminoid
T2	2021-10-26 17:07:56 UTC	32.2921816	-107.7824751	27	13.5	Grass	ARPU9, Aristida purpurea, Perennial Graminoid	Litter	
T2	2021-10-26 17:08:15 UTC	32.2921806	-107.7824733	28	14	Grass	ARPU9, Aristida purpurea, Perennial Graminoid	Bare Ground	
T2	2021-10-26 17:10:17 UTC	32.2921838	-107.7824782	29	14.5	Grass	BOER4, Bouteloua eriopoda, Perennial Graminoid	Grass	BOER4, Bouteloua eriopoda, Perennial Graminoid
T2	2021-10-26 17:13:53 UTC	32.292217	-107.7824793	30	15	Grass	BOER4, Bouteloua eriopoda, Perennial Graminoid	Grass	BOER4, Bouteloua eriopoda, Perennial Graminoid
T2	2021-10-26 17:14:08 UTC	32.2922045	-107.7824836	31	15.5	Grass	ARPU9, Aristida purpurea, Perennial Graminoid	Bare Ground	
T2	2021-10-26 17:14:30 UTC	32.2922069	-107.7824801	32	16	Bare Ground		Bare Ground	
T2	2021-10-26 17:14:53 UTC	32.2922104	-107.7824894	33	16.5	Grass	ARPU9, Aristida purpurea, Perennial Graminoid	Bare Ground	
T2	2021-10-26 17:15:19 UTC	32.292219	-107.7824896	34	17	Grass	ARPU9, Aristida purpurea, Perennial Graminoid	Bare Ground	
T2	2021-10-26 17:16:07 UTC	32.2922172	-107.7824752	35	17.5	Shrub	GUSA2, Gutierrezia sarothrae, Perennial Subshrub	Bare Ground	
T2	2021-10-26 17:16:21 UTC	32.2922253	-107.7824853	36	18	Grass	ARPU9, Aristida purpurea, Perennial Graminoid	Bare Ground	
T2	2021-10-26 17:16:41 UTC	32.2922212	-107.782484	37	18.5	Grass	ARPU9, Aristida purpurea, Perennial Graminoid	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid
T2	2021-10-26 17:16:55 UTC	32.2922288	-107.7824833	38	19	Grass	ARPU9, Aristida purpurea, Perennial Graminoid	Bare Ground	
T2	2021-10-26 17:17:02 UTC	32.2922352	-107.7824764	39	19.5	Bare Ground		Bare Ground	
T2	2021-10-26 17:17:19 UTC	32.2922395	-107.7824838	40	20	Grass	ARPU9, Aristida purpurea, Perennial Graminoid	Bare Ground	
T2	2021-10-26 17:17:24 UTC	32.2922509	-107.7824845	41	20.5	Bare Ground		Bare Ground	
T2	2021-10-26 17:17:38 UTC	32.2922525	-107.7824845	42	21	Grass	ARPU9, Aristida purpurea, Perennial Graminoid	Bare Ground	
T2	2021-10-26 17:17:53 UTC	32.2922565	-107.7824959	43	21.5	Grass	ARPU9, Aristida purpurea, Perennial Graminoid	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid
T2	2021-10-26 17:18:09 UTC	32.2922579	-107.7824946	44	22	Grass	ARPU9, Aristida purpurea, Perennial Graminoid	Bare Ground	
T2	2021-10-26 17:18:22 UTC	32.2922621	-107.7824905	45	22.5	Bare Ground		Bare Ground	
T2	2021-10-26 17:18:45 UTC	32.2922663	-107.7824987	46	23	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Bare Ground	

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T2	2021-10-26 17:22:45 UTC	32.2922784	-107.7825043	48	24	Grass	ARPU9, Aristida purpurea, Perennial Graminoid	Grass	DAPU7, Dasyochloa pulchella, Perennial Graminoid
T2	2021-10-26 17:23:57 UTC	32.2922787	-107.7825026	49	24.5	Grass	ARPU9, Aristida purpurea, Perennial Graminoid	Bare Ground	
T2	2021-10-26 17:24:04 UTC	32.2922809	-107.7825038	50	25	Litter		Litter	
T2	2021-10-26 17:24:12 UTC	32.2922877	-107.7825099	51	25.5	Bare Ground		Bare Ground	
T2	2021-10-26 17:24:40 UTC	32.2922923	-107.7825061	52	26	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid
T2	2021-10-26 17:24:52 UTC	32.2922954	-107.7825127	53	26.5	Grass	ARPU9, Aristida purpurea, Perennial Graminoid	Bare Ground	
T2	2021-10-26 17:25:06 UTC	32.2922962	-107.7825136	54	27	Grass	ARPU9, Aristida purpurea, Perennial Graminoid	Bare Ground	
T2	2021-10-26 17:25:15 UTC	32.2922967	-107.78252	55	27.5	Bare Ground		Bare Ground	
T2	2021-10-26 17:25:31 UTC	32.2923008	-107.7825161	56	28	Grass	ARPU9, Aristida purpurea, Perennial Graminoid	Litter	
T2	2021-10-26 17:25:48 UTC	32.2923169	-107.7825112	57	28.5	Grass	ARPU9, Aristida purpurea, Perennial Graminoid	Grass	ARPU9, Aristida purpurea, Perennial Graminoid
T2	2021-10-26 17:26:12 UTC	32.292328	-107.7825105	58	29	Grass	ARPU9, Aristida purpurea, Perennial Graminoid	Grass	ARPU9, Aristida purpurea, Perennial Graminoid
T2	2021-10-26 17:26:19 UTC	32.292326	-107.7825148	59	29.5	Grass	ARPU9, Aristida purpurea, Perennial Graminoid	Bare Ground	
T2	2021-10-26 17:26:20 UTC	32.2923258	-107.7825147	60	30	Bare Ground		Bare Ground	
T2	2021-10-26 17:26:22 UTC	32.2923258	-107.7825147	61	30.5	Bare Ground		Bare Ground	
T2	2021-10-26 17:26:24 UTC	32.2923258	-107.7825148	62	31	Bare Ground		Bare Ground	
T2	2021-10-26 17:26:32 UTC	32.2923258	-107.7825148	63	31.5	Grass	ARPU9, Aristida purpurea, Perennial Graminoid	Bare Ground	
T2	2021-10-26 17:26:34 UTC	32.2923376	-107.7825208	64	32	Bare Ground		Bare Ground	
T2	2021-10-26 17:26:54 UTC	32.2923342	-107.7825188	65	32.5	Grass	ARPU9, Aristida purpurea, Perennial Graminoid	Grass	ARPU9, Aristida purpurea, Perennial Graminoid
T2	2021-10-26 17:27:01 UTC	32.2923464	-107.7825241	66	33	Grass	ARPU9, Aristida purpurea, Perennial Graminoid	Bare Ground	
T2	2021-10-26 17:27:19 UTC	32.2923416	-107.782523	67	33.5	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid
T2	2021-10-26 17:27:35 UTC	32.2923599	-107.7825278	68	34	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Bare Ground	
T2	2021-10-26 17:27:49 UTC	32.2923776	-107.7825341	69	34.5	Grass	ARPU9, Aristida purpurea, Perennial Graminoid	Bare Ground	
T2	2021-10-26 17:28:04 UTC	32.2923804	-107.7825255	70	35	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Bare Ground	
T2	2021-10-26 17:28:06 UTC	32.2923832	-107.7825296	71	35.5	Bare Ground		Bare Ground	
T2	2021-10-26 17:28:19 UTC	32.2923845	-107.7825274	72	36	Bare Ground		Bare Ground	
T2	2021-10-26 17:28:31 UTC	32.2923841	-107.782522	73	36.5	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Bare Ground	
T2	2021-10-26 17:28:43 UTC	32.2923866	-107.7825262	74	37	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid	Bare Ground	
T2	2021-10-26 17:28:48 UTC	32.2923957	-107.7825283	75	37.5	Bare Ground		Bare Ground	
T2	2021-10-26 17:28:53 UTC	32.2923976	-107.7825283	76	38	Bare Ground		Bare Ground	
T2	2021-10-26 17:29:21 UTC	32.2924116	-107.7825446	77	38.5	Shrub	PSSC6, Psoralea scoparius, Perennial Shrub	Shrub	GUSA2, Gutierrezia sarothrae, Perennial Subshrub
T2	2021-10-26 17:33:48 UTC	32.2924113	-107.7825428	78	39	Grass	ARPU9, Aristida purpurea, Perennial Graminoid	Bare Ground	
T2	2021-10-26 17:34:33 UTC	32.2924063	-107.7825302	79	39.5	Grass	ARAD, Aristida adscensionis, Annual Graminoid	Bare Ground	
T2	2021-10-26 17:34:36 UTC	32.2924198	-107.7825269	80	40	Bare Ground		Bare Ground	
T2	2021-10-26 17:34:43 UTC	32.2924221	-107.7825303	81	40.5	Bare Ground		Bare Ground	
T2	2021-10-26 17:34:47 UTC	32.292432	-107.7825232	82	41	Bare Ground		Bare Ground	
T2	2021-10-26 17:35:04 UTC	32.2924355	-107.7825311	83	41.5	Grass	ARPU9, Aristida purpurea, Perennial Graminoid	Grass	ARPU9, Aristida purpurea, Perennial Graminoid
T2	2021-10-26 17:35:06 UTC	32.292426	-107.7825424	84	42	Bare Ground		Bare Ground	
T2	2021-10-26 17:35:17 UTC	32.292426	-107.7825424	85	42.5	Shrub	PSSC6, Psoralea scoparius, Perennial Shrub	Bare Ground	
T2	2021-10-26 17:35:31 UTC	32.2924462	-107.7825342	86	43	Shrub	PSSC6, Psoralea scoparius, Perennial Shrub	Bare Ground	
T2	2021-10-26 17:35:33 UTC	32.2924489	-107.782539	87	43.5	Bare Ground		Bare Ground	
T2	2021-10-26 17:35:36 UTC	32.2924494	-107.7825388	88	44	Bare Ground		Bare Ground	
T2	2021-10-26 17:35:39 UTC	32.2924504	-107.7825386	89	44.5	Bare Ground		Bare Ground	
T2	2021-10-26 17:35:51 UTC	32.2924508	-107.7825388	90	45	Grass	ARPU9, Aristida purpurea, Perennial Graminoid	Bare Ground	
T2	2021-10-26 17:35:56 UTC	32.2924502	-107.7825354	91	45.5	Bare Ground		Bare Ground	
T2	2021-10-26 17:36:04 UTC	32.2924549	-107.7825395	92	46	Bare Ground		Bare Ground	

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T2	2021-10-26 17:36:15 UTC	32.2924723	-107.7825418	94	47	Bare Ground		Bare Ground	
T2	2021-10-26 17:36:19 UTC	32.2924764	-107.7825438	95	47.5	Bare Ground		Bare Ground	
T2	2021-10-26 17:36:27 UTC	32.29248	-107.7825425	96	48	Bare Ground		Bare Ground	
T2	2021-10-26 17:36:49 UTC	32.2924845	-107.7825406	97	48.5	Shrub	PSSC6, Psorothamnus scoparius, Perennial Shrub	Bare Ground	
T2	2021-10-26 17:37:15 UTC	32.2924898	-107.7825388	98	49	Grass	DAPU7, Dasyochloa pulchella, Perennial Graminoid	Rock	
T2	2021-10-26 17:37:17 UTC	32.2924986	-107.7825393	99	49.5	Bare Ground		Bare Ground	
T2	2021-10-26 17:37:21 UTC	32.2924986	-107.7825401	100	50	Litter		Litter	
T1	2021-10-26 15:25:06 UTC	32.29123	-107.7858793	1	0.5	Shrub	GUSA2, Gutierrezia sarothrae, Perennial Subshrub	Shrub	GUSA2, Gutierrezia sarothrae, Perennial Subshrub
T1	2021-10-26 15:26:08 UTC	32.2912275	-107.7859029	2	1	Grass	ARPU9, Aristida purpurea, Perennial Graminoid	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid
T1	2021-10-26 15:26:30 UTC	32.2912617	-107.7859013	3	1.5	Bare Ground		Bare Ground	
T1	2021-10-26 15:27:50 UTC	32.2912577	-107.7859013	4	2	Shrub	GUSA2, Gutierrezia sarothrae, Perennial Subshrub	Litter	
T1	2021-10-26 15:28:18 UTC	32.2912574	-107.7858931	5	2.5	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid	Grass	DAPU7, Dasyochloa pulchella, Perennial Graminoid
T1	2021-10-26 15:28:35 UTC	32.2912591	-107.7858952	6	3	Grass	ARPU9, Aristida purpurea, Perennial Graminoid	Litter	
T1	2021-10-26 15:28:41 UTC	32.2912612	-107.7858945	7	3.5	Bare Ground		Bare Ground	
T1	2021-10-26 15:30:07 UTC	32.2912641	-107.7858981	8	4	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Bare Ground	
T1	2021-10-26 15:30:28 UTC	32.2912781	-107.7858916	9	4.5	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Bare Ground	
T1	2021-10-26 15:30:33 UTC	32.2912834	-107.7858915	10	5	Bare Ground		Bare Ground	
T1	2021-10-26 15:30:53 UTC	32.2912855	-107.7858881	11	5.5	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid
T1	2021-10-26 15:32:27 UTC	32.29129	-107.785894	12	6	Grass	ARPU9, Aristida purpurea, Perennial Graminoid	Grass	ARPU9, Aristida purpurea, Perennial Graminoid
T1	2021-10-26 15:33:05 UTC	32.2912936	-107.7858909	13	6.5	Grass	ARPU9, Aristida purpurea, Perennial Graminoid	Grass	ARPU9, Aristida purpurea, Perennial Graminoid
T1	2021-10-26 15:33:39 UTC	32.2912972	-107.7858953	14	7	Grass	ARPU9, Aristida purpurea, Perennial Graminoid	Grass	ARPU9, Aristida purpurea, Perennial Graminoid
T1	2021-10-26 15:33:40 UTC	32.2912862	-107.7858998	15	7.5	Bare Ground		Bare Ground	
T1	2021-10-26 15:33:54 UTC	32.2912863	-107.7858998	16	8	Grass	ARPU9, Aristida purpurea, Perennial Graminoid	Bare Ground	
T1	2021-10-26 15:34:41 UTC	32.2913005	-107.7858948	17	8.5	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Bare Ground	
T1	2021-10-26 15:35:09 UTC	32.291314	-107.7858966	18	9	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Bare Ground	
T1	2021-10-26 15:36:07 UTC	32.2913203	-107.7859002	19	9.5	Grass	ARPU9, Aristida purpurea, Perennial Graminoid	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid
T1	2021-10-26 15:36:23 UTC	32.2913231	-107.785896	20	10	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid
T1	2021-10-26 15:36:41 UTC	32.291324	-107.7858972	21	10.5	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid
T1	2021-10-26 15:36:53 UTC	32.2913252	-107.7858979	22	11	Bare Ground		Bare Ground	
T1	2021-10-26 15:37:13 UTC	32.2913336	-107.7859036	23	11.5	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Bare Ground	
T1	2021-10-26 15:37:23 UTC	32.2913444	-107.7859024	24	12	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Bare Ground	
T1	2021-10-26 15:37:36 UTC	32.2913419	-107.7859047	25	12.5	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Bare Ground	
T1	2021-10-26 15:37:53 UTC	32.2913442	-107.7859014	26	13	Grass	ARPU9, Aristida purpurea, Perennial Graminoid	Bare Ground	
T1	2021-10-26 15:38:11 UTC	32.2913496	-107.7859057	27	13.5	Bare Ground		Bare Ground	
T1	2021-10-26 15:38:16 UTC	32.2913572	-107.785903	28	14	Bare Ground		Bare Ground	
T1	2021-10-26 15:38:27 UTC	32.2913609	-107.785905	29	14.5	Bare Ground		Bare Ground	
T1	2021-10-26 15:38:43 UTC	32.2913716	-107.7859018	30	15	Bare Ground		Bare Ground	
T1	2021-10-26 15:39:01 UTC	32.2913696	-107.785906	31	15.5	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Bare Ground	
T1	2021-10-26 15:39:18 UTC	32.2913749	-107.785905	32	16	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid
T1	2021-10-26 15:39:30 UTC	32.2913752	-107.7859067	33	16.5	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Bare Ground	
T1	2021-10-26 15:40:31 UTC	32.2913869	-107.785902	34	17	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Bare Ground	



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T1	2021-10-26 15:48:42 UTC	32.2913889	-107.7859073	36	18	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid
T1	2021-10-26 15:49:04 UTC	32.2913955	-107.7859008	37	18.5	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid	Bare Ground	
T1	2021-10-26 15:49:13 UTC	32.2913964	-107.7858977	38	19	Bare Ground		Bare Ground	
T1	2021-10-26 15:49:26 UTC	32.2914002	-107.7859077	39	19.5	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Bare Ground	
T1	2021-10-26 15:49:47 UTC	32.2914164	-107.7859032	40	20	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Bare Ground	
T1	2021-10-26 15:49:56 UTC	32.2914074	-107.7859078	41	20.5	Bare Ground		Bare Ground	
T1	2021-10-26 15:50:14 UTC	32.2914156	-107.7859082	42	21	Shrub	PSSC6, Psoralea scoparius, Perennial Shrub	Litter	
T1	2021-10-26 15:50:37 UTC	32.291417	-107.7859068	43	21.5	Shrub	PSSC6, Psoralea scoparius, Perennial Shrub	Woody Litter	
T1	2021-10-26 15:54:48 UTC	32.2914282	-107.7859066	44	22	Shrub	PSSC6, Psoralea scoparius, Perennial Shrub	Forb	THPE4, Thymophylla pentachaeta, Perennial Forb
T1	2021-10-26 15:55:09 UTC	32.2914296	-107.7859072	45	22.5	Shrub	PSSC6, Psoralea scoparius, Perennial Shrub	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid
T1	2021-10-26 15:55:19 UTC	32.2914354	-107.7859055	46	23	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Bare Ground	
T1	2021-10-26 15:55:30 UTC	32.2914448	-107.7859136	47	23.5	Bare Ground		Bare Ground	
T1	2021-10-26 15:55:35 UTC	32.2914479	-107.785907	48	24	Bare Ground		Bare Ground	
T1	2021-10-26 15:56:14 UTC	32.2914485	-107.7859076	49	24.5	Grass	ARPU9, Aristida purpurea, Perennial Graminoid	Grass	ARPU9, Aristida purpurea, Perennial Graminoid
T1	2021-10-26 15:57:08 UTC	32.291461	-107.7859153	50	25	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid
T1	2021-10-26 15:57:34 UTC	32.2914661	-107.7859038	51	25.5	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Litter	
T1	2021-10-26 15:57:48 UTC	32.2914665	-107.7859053	52	26	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Bare Ground	
T1	2021-10-26 15:58:09 UTC	32.2914824	-107.7859089	53	26.5	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid
T1	2021-10-26 15:58:23 UTC	32.29148	-107.7859073	54	27	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid
T1	2021-10-26 15:58:35 UTC	32.2914841	-107.7859033	55	27.5	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Litter	
T1	2021-10-26 15:59:13 UTC	32.2914833	-107.7859118	56	28	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid
T1	2021-10-26 16:01:02 UTC	32.2914917	-107.7859026	57	28.5	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid
T1	2021-10-26 16:01:07 UTC	32.291498	-107.7859088	58	29	Bare Ground		Bare Ground	
T1	2021-10-26 16:01:27 UTC	32.2914978	-107.7859088	59	29.5	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid
T1	2021-10-26 16:01:36 UTC	32.2915033	-107.7859077	60	30	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Bare Ground	
T1	2021-10-26 16:01:47 UTC	32.2915034	-107.7859079	61	30.5	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Bare Ground	
T1	2021-10-26 16:02:08 UTC	32.2915113	-107.7859047	62	31	Grass	ARPU9, Aristida purpurea, Perennial Graminoid	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid
T1	2021-10-26 16:02:30 UTC	32.2915077	-107.7858997	63	31.5	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid
T1	2021-10-26 16:02:39 UTC	32.2915232	-107.7859031	64	32	Litter		Litter	
T1	2021-10-26 16:02:58 UTC	32.2915299	-107.7859058	65	32.5	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid
T1	2021-10-26 16:02:59 UTC	32.2915306	-107.785906	66	33	Bare Ground		Bare Ground	
T1	2021-10-26 16:03:17 UTC	32.2915306	-107.7859061	67	33.5	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid
T1	2021-10-26 16:05:27 UTC	32.2915357	-107.7859051	68	34	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Bare Ground	
T1	2021-10-26 16:05:35 UTC	32.2915395	-107.7859092	69	34.5	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Bare Ground	
T1	2021-10-26 16:05:42 UTC	32.291542	-107.7859068	70	35	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Bare Ground	
T1	2021-10-26 16:05:49 UTC	32.2915437	-107.7859093	71	35.5	Bare Ground		Bare Ground	

_record_id	_updated_at	_latitude	_longitude	intercept_number	intercept_point	canopy_cover_type	canopy_cover_species	basal_cover_type	basal_cover_species
T1	2021-10-26 16:06:04 UTC	32.2915481	-107.7859096	72	36	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid
T1	2021-10-26 16:06:13 UTC	32.2915515	-107.7859151	73	36.5	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Bare Ground	
T1	2021-10-26 16:06:15 UTC	32.2915519	-107.7859171	74	37	Bare Ground		Bare Ground	
T1	2021-10-26 16:06:35 UTC	32.2915523	-107.7859173	75	37.5	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid
T1	2021-10-26 16:06:36 UTC	32.2915763	-107.7859172	76	38	Bare Ground		Bare Ground	
T1	2021-10-26 16:06:55 UTC	32.2915768	-107.785917	77	38.5	Grass	DAPU7, Dasyochloa pulchella, Perennial Graminoid	Bare Ground	
T1	2021-10-26 16:07:10 UTC	32.2915869	-107.7859139	78	39	Grass	DAPU7, Dasyochloa pulchella, Perennial Graminoid	Bare Ground	
T1	2021-10-26 16:07:21 UTC	32.2915908	-107.7859133	79	39.5	Grass	DAPU7, Dasyochloa pulchella, Perennial Graminoid	Bare Ground	
T1	2021-10-26 16:07:43 UTC	32.2915922	-107.7859121	80	40	Grass	ARPU9, Aristida purpurea, Perennial Graminoid	Bare Ground	
T1	2021-10-26 16:07:59 UTC	32.2915957	-107.7859159	81	40.5	Grass	ARPU9, Aristida purpurea, Perennial Graminoid	Bare Ground	
T1	2021-10-26 16:08:21 UTC	32.2916007	-107.7859182	82	41	Grass	ARPU9, Aristida purpurea, Perennial Graminoid	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid
T1	2021-10-26 16:09:21 UTC	32.2916047	-107.7859185	83	41.5	Grass	ARPU9, Aristida purpurea, Perennial Graminoid	Bare Ground	
T1	2021-10-26 16:10:17 UTC	32.2916043	-107.7859198	84	42	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid	Bare Ground	
T1	2021-10-26 16:10:33 UTC	32.2916136	-107.7859163	85	42.5	Grass	ARPU9, Aristida purpurea, Perennial Graminoid	Litter	
T1	2021-10-26 16:10:46 UTC	32.2916176	-107.7859179	86	43	Grass	ARPU9, Aristida purpurea, Perennial Graminoid	Bare Ground	
T1	2021-10-26 16:10:52 UTC	32.291622	-107.7859181	87	43.5	Bare Ground		Bare Ground	
T1	2021-10-26 16:11:38 UTC	32.2916261	-107.7859195	88	44	Grass	ARPU9, Aristida purpurea, Perennial Graminoid	Grass	ARPU9, Aristida purpurea, Perennial Graminoid
T1	2021-10-26 16:12:22 UTC	32.2916334	-107.7859178	89	44.5	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid
T1	2021-10-26 16:12:38 UTC	32.2916385	-107.7859202	90	45	Grass	DAPU7, Dasyochloa pulchella, Perennial Graminoid	Bare Ground	
T1	2021-10-26 16:12:59 UTC	32.2916405	-107.7859179	91	45.5	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid	Grass	DAPU7, Dasyochloa pulchella, Perennial Graminoid
T1	2021-10-26 16:13:06 UTC	32.2916392	-107.7859248	92	46	Grass	DAPU7, Dasyochloa pulchella, Perennial Graminoid	Bare Ground	
T1	2021-10-26 16:13:08 UTC	32.2916391	-107.7859251	93	46.5	Bare Ground		Bare Ground	
T1	2021-10-26 16:13:27 UTC	32.2916391	-107.7859251	94	47	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Bare Ground	
T1	2021-10-26 16:16:41 UTC	32.2916492	-107.7859149	95	47.5	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Grass	BOBA2, Bouteloua barbata, Annual Graminoid
T1	2021-10-26 16:16:54 UTC	32.291658	-107.7859146	96	48	Grass	ARPU9, Aristida purpurea, Perennial Graminoid	Bare Ground	
T1	2021-10-26 16:16:58 UTC	32.2916593	-107.7859178	97	48.5	Bare Ground		Bare Ground	
T1	2021-10-26 16:17:19 UTC	32.2916611	-107.7859186	98	49	Grass	BOCU, Bouteloua curtipendula, Perennial Graminoid	Bare Ground	
T1	2021-10-26 16:17:24 UTC	32.2916695	-107.7859335	99	49.5	Bare Ground		Bare Ground	
T1	2021-10-26 16:17:26 UTC	32.2916699	-107.7859315	100	50	Bare Ground		Bare Ground	

## **Tailings Site Belt Transect Data Sheets**

_record_id	_updated_at	_latitude	_longitude	shrub	rooted_inside_count
T17	2021-10-27 22:28:14 UTC	32.2924353	-107.7876883	GUSA2, Gutierrezia sarothrae, Perennial subshrub	130
T17	2021-10-27 22:27:09 UTC	32.2924015	-107.7876876	PSSC6, Psoralea scoparius, Perennial Shrub	9
T16	2021-10-27 21:58:00 UTC	32.2924047	-107.7875122	GUSA2, Gutierrezia sarothrae, Perennial subshrub	41
T16	2021-10-27 21:58:02 UTC	32.2924261	-107.787511	PSSC6, Psoralea scoparius, Perennial Shrub	35
T20	2021-10-27 21:08:50 UTC	32.2932658	-107.7857921	GUSA2, Gutierrezia sarothrae, Perennial subshrub	77
T20	2021-10-27 21:07:40 UTC	32.2932385	-107.7857971	PSSC6, Psoralea scoparius, Perennial Shrub	11
T20	2021-10-27 21:06:53 UTC	32.2931607	-107.7857775	CHLI2, Chilopsis linearis, Perennial Shrub	1
T20	2021-10-27 21:09:17 UTC	32.2928542	-107.7857312	DAFO, Dalea formosa, perennial subshrub	1
T19	2021-10-27 20:16:36 UTC	32.2930263	-107.7851059	PSSC6, Psoralea scoparius, Perennial Shrub	1
T19	2021-10-27 20:17:59 UTC	32.29293	-107.7850649	GUSA2, Gutierrezia sarothrae, Perennial subshrub	14
T19	2021-10-27 20:17:32 UTC	32.2928343	-107.7850931	CHLI2, Chilopsis linearis, Perennial Shrub	2
T18	2021-10-27 19:24:58 UTC	32.2924109	-107.7832448	PSSC6, Psoralea scoparius, Perennial Shrub	32
T18	2021-10-27 19:24:10 UTC	32.2922612	-107.7832685	GUSA2, Gutierrezia sarothrae, Perennial subshrub	4
T18	2021-10-27 19:23:41 UTC	32.2922487	-107.7832752	CHLI2, Chilopsis linearis, Perennial Shrub	1

_record_id	_updated_at	_latitude	_longitude	shrub	rooted_inside_count
T13	2021-10-27 18:02:46 UTC	32.293423	-107.7847575	PSSC6, Psorothamnus scoparius, Perennial Shrub	2
T13	2021-10-27 18:02:59 UTC	32.2932511	-107.7847265	GUSA2, Gutierrezia sarothrae, Perennial subshrub	61
T12	2021-10-27 17:21:43 UTC	32.2907674	-107.7852938	PSSC6, Psorothamnus scoparius, Perennial Shrub	31
T12	2021-10-27 17:23:04 UTC	32.2907563	-107.7853065	GUSA2, Gutierrezia sarothrae, Perennial subshrub	4
T12	2021-10-27 17:22:02 UTC	32.2906537	-107.7853195	CHLI2, Chilopsis linearis, Perennial Shrub	1
T11	2021-10-27 16:33:56 UTC	32.2903642	-107.7848314	GUSA2, Gutierrezia sarothrae, Perennial subshrub	62
T11	2021-10-27 16:33:58 UTC	32.2902298	-107.7848093	PSSC6, Psorothamnus scoparius, Perennial Shrub	4
T11	2021-10-27 16:32:49 UTC	32.2902315	-107.7848179	CHLI2, Chilopsis linearis, Perennial Shrub	2
T10	2021-10-27 15:46:12 UTC	32.2905072	-107.7849274	GUSA2, Gutierrezia sarothrae, Perennial subshrub	56
T10	2021-10-27 15:46:15 UTC	32.290263	-107.7849178	PSSC6, Psorothamnus scoparius, Perennial Shrub	3
T7	2021-10-26 22:03:55 UTC	32.2905072	-107.784485	GUSA2, Gutierrezia sarothrae, Perennial subshrub	9
T7	2021-10-26 22:04:17 UTC	32.2902181	-107.7844757	PSSC6, Psorothamnus scoparius, Perennial Shrub	2
T5	2021-10-26 20:57:52 UTC	32.2907808	-107.7857474	PSSC6, Psorothamnus scoparius, Perennial Shrub	34
T5	2021-10-26 20:56:47 UTC	32.290662	-107.7857662	CHLI2, Chilopsis linearis, Perennial Shrub	6

_record_id	_updated_at	_latitude	_longitude	shrub	rooted_inside_count
T5	2021-10-26 20:57:23 UTC	32.2906265	-107.7857582	GUSA2, Gutierrezia sarothrae, Perennial subshrub	11
T4	2021-10-26 19:54:29 UTC	32.2911492	-107.7823593	PSSC6, Psoralea scoparius, Perennial Shrub	7
T4	2021-10-26 19:54:35 UTC	32.2911244	-107.7823677	GUSA2, Gutierrezia sarothrae, Perennial subshrub	6
T3	2021-10-26 18:42:59 UTC	32.2908413	-107.7837251	GUSA2, Gutierrezia sarothrae, Perennial subshrub	7
T3	2021-10-26 18:42:20 UTC	32.2906908	-107.7837123	YUEL, Yucca elata, Perennial Shrub	2
T2	2021-10-26 17:40:08 UTC	32.2925021	-107.7825414	PSSC6, Psoralea scoparius, Perennial Shrub	12
T2	2021-10-26 17:40:06 UTC	32.2924868	-107.7825375	GUSA2, Gutierrezia sarothrae, Perennial subshrub	11
T2	2021-10-26 17:39:27 UTC	32.2923566	-107.7825024	YUEL, Yucca elata, Perennial Shrub	1
T1	2021-10-26 16:20:47 UTC	32.2916893	-107.7859285	GUSA2, Gutierrezia sarothrae, Perennial subshrub	11
T1	2021-10-26 16:19:37 UTC	32.2914325	-107.7859216	PSSC6, Psoralea scoparius, Perennial Shrub	1
T1	2021-10-26 16:20:16 UTC	32.2912994	-107.7858889	CHLI2, Chilopsis linearis, Perennial Shrub	1



## Reference Site Line Point Intercept Data Sheets

_record_id	_updated_at	_latitude	_longitude	intercept_number	intercept_point	canopy_cover_type	canopy_cover_species	basal_cover_type	basal_cover_species
R23	2021-10-28 19:10:26 UTC	32.2836306	-107.7805767	1	0.5	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid	Bare Ground	
R23	2021-10-28 19:10:32 UTC	32.283672	-107.780573	2	1	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid	Bare Ground	
R23	2021-10-28 19:10:39 UTC	32.2836739	-107.7805715	3	1.5	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid	Bare Ground	
R23	2021-10-28 19:10:55 UTC	32.2836764	-107.7805702	4	2	Forb	SATR12, Salsola tragus, Annual Forb	Forb	SATR12, Salsola tragus, Annual Forb
R23	2021-10-28 19:11:05 UTC	32.2836857	-107.7805677	5	2.5	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid
R23	2021-10-28 19:11:11 UTC	32.2836827	-107.7805651	6	3	Forb	POPI3, Portulaca pilosa, Annual Forb	Bare Ground	
R23	2021-10-28 19:11:13 UTC	32.2836845	-107.7805658	7	3.5	Bare Ground		Bare Ground	
R23	2021-10-28 19:11:23 UTC	32.2836845	-107.7805658	8	4	Forb	TILA2, Tidestromia lanuginosa, Annual forb	Bare Ground	
R23	2021-10-28 19:11:37 UTC	32.2836931	-107.7805654	9	4.5	Shrub	GUSA2, Gutierrezia sarothrae, Perennial Subshrub	Bare Ground	
R23	2021-10-28 19:11:39 UTC	32.2837022	-107.7805698	10	5	Bare Ground		Bare Ground	
R23	2021-10-28 19:11:49 UTC	32.2837028	-107.7805714	11	5.5	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid	Bare Ground	
R23	2021-10-28 19:12:04 UTC	32.2837123	-107.7805756	12	6	Forb	TILA2, Tidestromia lanuginosa, Annual forb	Forb	TILA2, Tidestromia lanuginosa, Annual forb
R23	2021-10-28 19:12:10 UTC	32.2837205	-107.7805719	13	6.5	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid	Bare Ground	
R23	2021-10-28 19:12:22 UTC	32.2837225	-107.780572	14	7	Forb	AMAC, Amaranthus acanthochiton, Annual Forb	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid
R23	2021-10-28 19:12:23 UTC	32.2837293	-107.7805742	15	7.5	Bare Ground		Bare Ground	
R23	2021-10-28 19:12:27 UTC	32.2837294	-107.7805743	16	8	Bare Ground		Bare Ground	
R23	2021-10-28 19:12:29 UTC	32.2837285	-107.7805735	17	8.5	Bare Ground		Bare Ground	
R23	2021-10-28 19:12:38 UTC	32.2837279	-107.7805744	18	9	Forb	SATR12, Salsola tragus, Annual Forb	Bare Ground	
R23	2021-10-28 19:12:50 UTC	32.283741	-107.780573	19	9.5	Forb	SATR12, Salsola tragus, Annual Forb	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid
R23	2021-10-28 19:12:56 UTC	32.283753	-107.7805729	20	10	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid	Bare Ground	
R23	2021-10-28 19:13:08 UTC	32.2837544	-107.7805738	21	10.5	Grass	DAPU7, Dasychloa pulchella, Perennial Graminoid	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid
R23	2021-10-28 19:13:13 UTC	32.2837506	-107.7805745	22	11	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid	Bare Ground	
R23	2021-10-28 19:13:22 UTC	32.2837527	-107.7805762	23	11.5	Forb	SATR12, Salsola tragus, Annual Forb	Bare Ground	
R23	2021-10-28 19:13:24 UTC	32.2837593	-107.7805758	24	12	Bare Ground		Bare Ground	
R23	2021-10-28 19:13:34 UTC	32.283766	-107.7805804	25	12.5	Forb	BOCO2, Boerhavia coulteri, Annual Forb	Bare Ground	
R23	2021-10-28 19:13:38 UTC	32.2837748	-107.7805812	26	13	Bare Ground		Bare Ground	
R23	2021-10-28 19:13:41 UTC	32.2837764	-107.7805808	27	13.5	Bare Ground		Bare Ground	
R23	2021-10-28 19:13:44 UTC	32.2837781	-107.7805798	28	14	Bare Ground		Bare Ground	
R23	2021-10-28 19:13:46 UTC	32.2837798	-107.7805797	29	14.5	Bare Ground		Bare Ground	
R23	2021-10-28 19:13:55 UTC	32.2837878	-107.7805785	30	15	Forb	AMAC, Amaranthus acanthochiton, Annual Forb	Bare Ground	
R23	2021-10-28 19:14:09 UTC	32.2837965	-107.7805965	31	15.5	Forb	AMAC, Amaranthus acanthochiton, Annual Forb	Forb	AMAC, Amaranthus acanthochiton, Annual Forb

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R23	2021-10-28 19:14:23 UTC	32.2838158	-107.7805873	32	16	Forb	BOCO2, Boerhavia coulteri, Annual Forb	Forb	BOCO2, Boerhavia coulteri, Annual Forb
R23	2021-10-28 19:14:25 UTC	32.2838137	-107.7805838	33	16.5	Bare Ground		Bare Ground	
R23	2021-10-28 19:14:30 UTC	32.2838123	-107.7805828	34	17	Bare Ground		Bare Ground	
R23	2021-10-28 19:14:41 UTC	32.283822	-107.7805817	35	17.5	Forb	AMAC, Amaranthus acanthochiton, Annual Forb	Bare Ground	
R23	2021-10-28 19:14:58 UTC	32.2838273	-107.7805846	36	18	Forb	BOCO2, Boerhavia coulteri, Annual Forb	Forb	BOCO2, Boerhavia coulteri, Annual Forb
R23	2021-10-28 19:15:01 UTC	32.2838301	-107.7805862	37	18.5	Bare Ground		Bare Ground	
R23	2021-10-28 19:15:04 UTC	32.2838302	-107.7805853	38	19	Bare Ground		Bare Ground	
R23	2021-10-28 19:15:07 UTC	32.2838308	-107.7805856	39	19.5	Bare Ground		Bare Ground	
R23	2021-10-28 19:15:09 UTC	32.2838317	-107.7805863	40	20	Bare Ground		Bare Ground	
R23	2021-10-28 19:15:10 UTC	32.2838319	-107.7805867	41	20.5	Bare Ground		Bare Ground	
R23	2021-10-28 19:15:25 UTC	32.2838319	-107.7805867	42	21	Grass	BOBA2, Bouteloua barbata, Annual Graminoid	Bare Ground	
R23	2021-10-28 19:15:29 UTC	32.2838539	-107.7805776	43	21.5	Bare Ground		Bare Ground	
R23	2021-10-28 19:15:37 UTC	32.2838574	-107.7805791	44	22	Forb	POPI3, Portulaca pilosa, Annual Forb	Bare Ground	
R23	2021-10-28 19:15:41 UTC	32.2838636	-107.780588	45	22.5	Bare Ground		Bare Ground	
R23	2021-10-28 19:15:42 UTC	32.2838653	-107.780589	46	23	Bare Ground		Bare Ground	
R23	2021-10-28 19:15:45 UTC	32.2838653	-107.780589	47	23.5	Bare Ground		Bare Ground	
R23	2021-10-28 19:15:52 UTC	32.2838658	-107.7805892	48	24	Forb	POPI3, Portulaca pilosa, Annual Forb	Bare Ground	
R23	2021-10-28 19:15:56 UTC	32.2838664	-107.7805899	49	24.5	Bare Ground		Bare Ground	
R23	2021-10-28 19:15:58 UTC	32.2838658	-107.7805889	50	25	Bare Ground		Bare Ground	
R23	2021-10-28 19:16:29 UTC	32.2838665	-107.7805886	51	25.5	Shrub	PRGL2, Prosopis glandulosa, Perennial Shrub, Perennial Tree	Grass	DAPU7, Dasyochloa pulchella, Perennial Graminoid
R23	2021-10-28 19:16:45 UTC	32.2838973	-107.7805902	52	26	Bare Ground		Bare Ground	
R23	2021-10-28 19:16:48 UTC	32.2838957	-107.7805938	53	26.5	Bare Ground		Bare Ground	
R23	2021-10-28 19:16:50 UTC	32.2838941	-107.780594	54	27	Bare Ground		Bare Ground	
R23	2021-10-28 19:16:54 UTC	32.2838937	-107.7805966	55	27.5	Bare Ground		Bare Ground	
R23	2021-10-28 19:16:59 UTC	32.2838933	-107.7805969	56	28	Bare Ground		Bare Ground	
R23	2021-10-28 19:17:11 UTC	32.2838944	-107.7805966	57	28.5	Grass	DAPU7, Dasyochloa pulchella, Perennial Graminoid	Bare Ground	
R23	2021-10-28 19:17:25 UTC	32.2839075	-107.7806033	58	29	Forb	AMAC, Amaranthus acanthochiton, Annual Forb	Bare Ground	
R23	2021-10-28 19:17:33 UTC	32.2839134	-107.7806054	59	29.5	Forb	POPI3, Portulaca pilosa, Annual Forb	Bare Ground	
R23	2021-10-28 19:17:36 UTC	32.2839148	-107.7806067	60	30	Bare Ground		Bare Ground	
R23	2021-10-28 19:17:47 UTC	32.2839155	-107.7806067	61	30.5	Shrub	PSSC6, Psoralea scoparius, Perennial Shrub	Litter	
R23	2021-10-28 19:18:00 UTC	32.2839203	-107.7806071	62	31	Shrub	PSSC6, Psoralea scoparius, Perennial Shrub	Shrub	PSSC6, Psoralea scoparius, Perennial Shrub
R23	2021-10-28 19:18:07 UTC	32.2839284	-107.7806068	63	31.5	Shrub	PSSC6, Psoralea scoparius, Perennial Shrub	Bare Ground	
R23	2021-10-28 19:18:17 UTC	32.2839303	-107.7806063	64	32	Forb	AMAC, Amaranthus acanthochiton, Annual Forb	Bare Ground	
R23	2021-10-28 19:18:23 UTC	32.2839372	-107.7806032	65	32.5	Bare Ground		Bare Ground	
R23	2021-10-28 19:18:33 UTC	32.2839391	-107.780602	66	33	Forb	AMAC, Amaranthus acanthochiton, Annual Forb	Bare Ground	
R23	2021-10-28 19:18:48 UTC	32.2839574	-107.7806069	67	33.5	Forb	BOCO2, Boerhavia coulteri, Annual Forb	Forb	BOCO2, Boerhavia coulteri, Annual Forb
R23	2021-10-28 19:18:50 UTC	32.2839681	-107.780608	68	34	Bare Ground		Bare Ground	
R23	2021-10-28 19:18:59 UTC	32.2839691	-107.7806071	69	34.5	Forb	AMAC, Amaranthus acanthochiton, Annual Forb	Bare Ground	
R23	2021-10-28 19:19:03 UTC	32.2839722	-107.7806048	70	35	Bare Ground		Bare Ground	

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R23	2021-10-28 19:19:17 UTC	32.2839732	-107.7806046	71	35.5	Forb	AMAC, Amaranthus acanthochiton, Annual Forb	Forb	AMAC, Amaranthus acanthochiton, Annual Forb
R23	2021-10-28 19:19:32 UTC	32.2839789	-107.7806072	72	36	Forb	AMAC, Amaranthus acanthochiton, Annual Forb	Litter	
R23	2021-10-28 19:19:38 UTC	32.2839881	-107.7806058	73	36.5	Litter		Litter	
R23	2021-10-28 19:19:40 UTC	32.2839888	-107.7806062	74	37	Bare Ground		Bare Ground	
R23	2021-10-28 19:19:43 UTC	32.2839888	-107.7806066	75	37.5	Bare Ground		Bare Ground	
R23	2021-10-28 19:19:46 UTC	32.2839888	-107.7806065	76	38	Bare Ground		Bare Ground	
R23	2021-10-28 19:19:54 UTC	32.2839909	-107.7806088	77	38.5	Forb	AMAC, Amaranthus acanthochiton, Annual Forb	Bare Ground	
R23	2021-10-28 19:19:56 UTC	32.2840076	-107.7806031	78	39	Bare Ground		Bare Ground	
R23	2021-10-28 19:19:58 UTC	32.2840073	-107.7806036	79	39.5	Bare Ground		Bare Ground	
R23	2021-10-28 19:20:00 UTC	32.2840078	-107.7806046	80	40	Bare Ground		Bare Ground	
R23	2021-10-28 19:20:02 UTC	32.2840078	-107.7806046	81	40.5	Bare Ground		Bare Ground	
R23	2021-10-28 19:20:12 UTC	32.2840078	-107.7806046	82	41	Forb	AMAC, Amaranthus acanthochiton, Annual Forb	Bare Ground	
R23	2021-10-28 19:20:15 UTC	32.2840191	-107.7806066	83	41.5	Bare Ground		Bare Ground	
R23	2021-10-28 19:20:18 UTC	32.2840213	-107.7806071	84	42	Bare Ground		Bare Ground	
R23	2021-10-28 19:20:32 UTC	32.2840215	-107.7806073	85	42.5	Forb	AMAC, Amaranthus acanthochiton, Annual Forb	Forb	AMAC, Amaranthus acanthochiton, Annual Forb
R23	2021-10-28 19:20:40 UTC	32.2840458	-107.7806132	86	43	Bare Ground		Bare Ground	
R23	2021-10-28 19:20:49 UTC	32.2840446	-107.7806116	87	43.5	Forb	AMAC, Amaranthus acanthochiton, Annual Forb	Bare Ground	
R23	2021-10-28 19:21:04 UTC	32.2840439	-107.7806114	88	44	Forb	AMAC, Amaranthus acanthochiton, Annual Forb	Forb	AMAC, Amaranthus acanthochiton, Annual Forb
R23	2021-10-28 19:21:06 UTC	32.2840585	-107.7806093	89	44.5	Bare Ground		Bare Ground	
R23	2021-10-28 19:21:08 UTC	32.2840599	-107.78061	90	45	Bare Ground		Bare Ground	
R23	2021-10-28 19:21:15 UTC	32.2840599	-107.78061	91	45.5	Bare Ground		Bare Ground	
R23	2021-10-28 19:21:24 UTC	32.2840642	-107.7806133	92	46	Forb	AMAC, Amaranthus acanthochiton, Annual Forb	Bare Ground	
R23	2021-10-28 19:21:26 UTC	32.2840747	-107.7806158	93	46.5	Bare Ground		Bare Ground	
R23	2021-10-28 19:21:32 UTC	32.2840765	-107.7806163	94	47	Bare Ground		Bare Ground	
R23	2021-10-28 19:21:36 UTC	32.2840827	-107.7806174	95	47.5	Bare Ground		Bare Ground	
R23	2021-10-28 19:21:37 UTC	32.2840848	-107.7806173	96	48	Bare Ground		Bare Ground	
R23	2021-10-28 19:21:46 UTC	32.2840854	-107.7806168	97	48.5	Forb	AMAC, Amaranthus acanthochiton, Annual Forb	Bare Ground	
R23	2021-10-28 19:21:48 UTC	32.2840908	-107.780619	98	49	Bare Ground		Bare Ground	
R23	2021-10-28 19:21:54 UTC	32.2840908	-107.780619	99	49.5	Forb	AMAC, Amaranthus acanthochiton, Annual Forb	Bare Ground	
R23	2021-10-28 19:22:01 UTC	32.284093	-107.7806199	100	50	Forb	AMAC, Amaranthus acanthochiton, Annual Forb	Bare Ground	
R21	2021-10-28 18:46:09 UTC	32.2833568	-107.7798799	1	0.5	Bare Ground		Bare Ground	
R21	2021-10-28 18:46:17 UTC	32.2833796	-107.7798792	2	1	Forb	POPI3, Portulaca pilosa, Annual Forb	Bare Ground	
R21	2021-10-28 18:46:19 UTC	32.2833764	-107.7798787	3	1.5	Bare Ground		Bare Ground	
R21	2021-10-28 18:46:28 UTC	32.2833753	-107.7798798	4	2	Grass	BOAR, Bouteloua aristoides, Annual Graminoid	Litter	
R21	2021-10-28 18:46:40 UTC	32.2833762	-107.7798809	5	2.5	Grass	BOAR, Bouteloua aristoides, Annual Graminoid	Grass	BOAR, Bouteloua aristoides, Annual Graminoid
R21	2021-10-28 18:46:41 UTC	32.2833761	-107.7798811	6	3	Bare Ground		Bare Ground	
R21	2021-10-28 18:46:55 UTC	32.2833759	-107.7798811	7	3.5	Forb	SATR12, Salsola tragus, Annual Forb	Grass	BOAR, Bouteloua aristoides, Annual Graminoid
R21	2021-10-28 18:47:08 UTC	32.2833896	-107.7798783	8	4	Grass	BOAR, Bouteloua aristoides, Annual Graminoid	Grass	BOAR, Bouteloua aristoides, Annual Graminoid

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R21	2021-10-28 18:47:24 UTC	32.2833887	-107.77988	10	5	Bare Ground		Bare Ground	
R21	2021-10-28 18:47:27 UTC	32.2833875	-107.7798796	11	5.5	Bare Ground		Bare Ground	
R21	2021-10-28 18:47:43 UTC	32.2833909	-107.7798796	12	6	Forb	TILA2, Tidestromia lanuginosa, Annual forb	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid
R21	2021-10-28 18:47:49 UTC	32.2834149	-107.7798803	13	6.5	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid	Bare Ground	
R21	2021-10-28 18:47:56 UTC	32.2834149	-107.7798829	14	7	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid	Bare Ground	
R21	2021-10-28 18:48:01 UTC	32.283419	-107.7798848	15	7.5	Bare Ground		Bare Ground	
R21	2021-10-28 18:48:07 UTC	32.283419	-107.7798849	16	8	Litter		Litter	
R21	2021-10-28 18:48:19 UTC	32.2834183	-107.7798857	17	8.5	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid
R21	2021-10-28 18:48:29 UTC	32.2834217	-107.7798866	18	9	Forb	SATR12, Salsola tragus, Annual Forb	Litter	
R21	2021-10-28 18:48:30 UTC	32.2834245	-107.7798878	19	9.5	Bare Ground		Bare Ground	
R21	2021-10-28 18:48:32 UTC	32.2834245	-107.7798878	20	10	Bare Ground		Bare Ground	
R21	2021-10-28 18:48:41 UTC	32.2834274	-107.7798872	21	10.5	Forb	SATR12, Salsola tragus, Annual Forb	Bare Ground	
R21	2021-10-28 18:48:44 UTC	32.2834385	-107.7798892	22	11	Bare Ground		Bare Ground	
R21	2021-10-28 18:48:50 UTC	32.2834436	-107.7798908	23	11.5	Litter		Litter	
R21	2021-10-28 18:48:58 UTC	32.2834497	-107.7798897	24	12	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid	Bare Ground	
R21	2021-10-28 18:49:02 UTC	32.2834587	-107.7798867	25	12.5	Bare Ground		Bare Ground	
R21	2021-10-28 18:49:05 UTC	32.283462	-107.7798868	26	13	Bare Ground		Bare Ground	
R21	2021-10-28 18:49:12 UTC	32.2834652	-107.7798882	27	13.5	Forb	SATR12, Salsola tragus, Annual Forb	Bare Ground	
R21	2021-10-28 18:49:16 UTC	32.2834812	-107.7798896	28	14	Bare Ground		Bare Ground	
R21	2021-10-28 18:49:19 UTC	32.2834811	-107.7798893	29	14.5	Bare Ground		Bare Ground	
R21	2021-10-28 18:49:22 UTC	32.2834807	-107.7798894	30	15	Bare Ground		Bare Ground	
R21	2021-10-28 18:49:29 UTC	32.2834813	-107.7798896	31	15.5	Shrub	GUSA2, Gutierrezia sarothrae, Perennial Subshrub	Bare Ground	
R21	2021-10-28 18:49:32 UTC	32.2834846	-107.7798911	32	16	Bare Ground		Bare Ground	
R21	2021-10-28 18:49:39 UTC	32.2834855	-107.7798906	33	16.5	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid	Bare Ground	
R21	2021-10-28 18:49:43 UTC	32.2834936	-107.7798958	34	17	Bare Ground		Bare Ground	
R21	2021-10-28 18:49:51 UTC	32.2834968	-107.7798991	35	17.5	Forb	SATR12, Salsola tragus, Annual Forb	Bare Ground	
R21	2021-10-28 18:50:09 UTC	32.2835064	-107.7799011	36	18	Forb	AMAC, Amaranthus acanthochiton, Annual Forb	Forb	AMAC, Amaranthus acanthochiton, Annual Forb
R21	2021-10-28 18:50:15 UTC	32.2835265	-107.7799015	37	18.5	Forb	POPI3, Portulaca pilosa, Annual Forb	Bare Ground	
R21	2021-10-28 18:50:21 UTC	32.28353	-107.779902	38	19	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid	Bare Ground	
R21	2021-10-28 18:50:32 UTC	32.2835301	-107.7798997	39	19.5	Forb	TILA2, Tidestromia lanuginosa, Annual forb	Bare Ground	
R21	2021-10-28 18:50:37 UTC	32.2835361	-107.7798988	40	20	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid	Bare Ground	
R21	2021-10-28 18:50:47 UTC	32.2835368	-107.7798964	41	20.5	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid	Bare Ground	
R21	2021-10-28 18:50:57 UTC	32.2835405	-107.7799005	42	21	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid

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R21	2021-10-28 18:51:21 UTC	32.2835466	-107.7799013	43	21.5	Forb	DIW12, Dimorphocarpa wislizeni, Annual/Biennial/Perennial Forb	Forb	BOCO2, Boerhavia coulteri, Annual Forb
R21	2021-10-28 18:51:41 UTC	32.283557	-107.7798998	44	22	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid
R21	2021-10-28 18:51:43 UTC	32.2835618	-107.7799038	45	22.5	Bare Ground		Bare Ground	
R21	2021-10-28 18:51:44 UTC	32.2835618	-107.779904	46	23	Bare Ground		Bare Ground	
R21	2021-10-28 18:51:55 UTC	32.2835618	-107.779904	47	23.5	Forb	TILA2, Tidestromia lanuginosa, Annual forb	Bare Ground	
R21	2021-10-28 18:52:03 UTC	32.2835733	-107.7799026	48	24	Bare Ground		Bare Ground	
R21	2021-10-28 18:52:14 UTC	32.2835852	-107.7799059	49	24.5	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid	Bare Ground	
R21	2021-10-28 18:52:28 UTC	32.2835904	-107.779903	50	25	Forb	DIW12, Dimorphocarpa wislizeni, Annual/Biennial/Perennial Forb	Forb	TILA2, Tidestromia lanuginosa, Annual forb
R21	2021-10-28 18:52:32 UTC	32.2835894	-107.7799047	51	25.5	Bare Ground		Bare Ground	
R21	2021-10-28 18:52:38 UTC	32.2835886	-107.7799051	52	26	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid	Bare Ground	
R21	2021-10-28 18:52:41 UTC	32.2835898	-107.7799067	53	26.5	Bare Ground		Bare Ground	
R21	2021-10-28 18:52:44 UTC	32.2835913	-107.7799067	54	27	Bare Ground		Bare Ground	
R21	2021-10-28 18:52:52 UTC	32.283591	-107.7799076	55	27.5	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid	Bare Ground	
R21	2021-10-28 18:53:06 UTC	32.2835994	-107.77991	56	28	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid
R21	2021-10-28 18:53:11 UTC	32.2836094	-107.7799156	57	28.5	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid	Bare Ground	
R21	2021-10-28 18:53:25 UTC	32.2836072	-107.7799134	58	29	Forb	SATR12, Salsola tragus, Annual Forb	Forb	SATR12, Salsola tragus, Annual Forb
R21	2021-10-28 18:53:34 UTC	32.2836145	-107.7799116	59	29.5	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid	Bare Ground	
R21	2021-10-28 18:53:42 UTC	32.2836226	-107.7799089	60	30	Forb	SATR12, Salsola tragus, Annual Forb	Bare Ground	
R21	2021-10-28 18:53:47 UTC	32.2836246	-107.7799092	61	30.5	Bare Ground		Bare Ground	
R21	2021-10-28 18:53:50 UTC	32.2836282	-107.7799103	62	31	Bare Ground		Bare Ground	
R21	2021-10-28 18:54:04 UTC	32.2836302	-107.779912	63	31.5	Forb	SATR12, Salsola tragus, Annual Forb	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid
R21	2021-10-28 18:54:14 UTC	32.2836353	-107.7799117	64	32	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid
R21	2021-10-28 18:54:23 UTC	32.2836356	-107.7799105	65	32.5	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid
R21	2021-10-28 18:54:25 UTC	32.2836375	-107.7799108	66	33	Bare Ground		Bare Ground	
R21	2021-10-28 18:54:34 UTC	32.2836375	-107.7799108	67	33.5	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid	Bare Ground	
R21	2021-10-28 18:54:37 UTC	32.2836471	-107.7799104	68	34	Bare Ground		Bare Ground	
R21	2021-10-28 18:54:40 UTC	32.2836505	-107.7799104	69	34.5	Bare Ground		Bare Ground	
R21	2021-10-28 18:54:49 UTC	32.2836538	-107.7799113	70	35	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid	Bare Ground	
R21	2021-10-28 18:55:03 UTC	32.2836709	-107.7799146	71	35.5	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid
R21	2021-10-28 18:55:12 UTC	32.2836834	-107.7799163	72	36	Forb	TILA2, Tidestromia lanuginosa, Annual forb	Bare Ground	



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R21	2021-10-28 18:55:19 UTC	32.2836816	-107.7799169	73	36.5	Forb	TILA2, Tidestromia lanuginosa, Annual forb	Litter	
R21	2021-10-28 18:55:21 UTC	32.2836805	-107.7799168	74	37	Bare Ground		Bare Ground	
R21	2021-10-28 18:55:37 UTC	32.2836805	-107.7799168	75	37.5	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid	Bare Ground	
R21	2021-10-28 18:55:48 UTC	32.2836993	-107.7799215	76	38	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid
R21	2021-10-28 18:56:03 UTC	32.2837018	-107.7799218	77	38.5	Bare Ground		Bare Ground	
R21	2021-10-28 18:56:15 UTC	32.2837086	-107.77992	78	39	Forb	SATR12, Salsola tragus, Annual Forb	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid
R21	2021-10-28 18:56:22 UTC	32.2837118	-107.7799212	79	39.5	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid	Bare Ground	
R21	2021-10-28 18:56:26 UTC	32.2837144	-107.779925	80	40	Bare Ground		Bare Ground	
R21	2021-10-28 18:56:40 UTC	32.2837165	-107.7799248	81	40.5	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid
R21	2021-10-28 18:56:45 UTC	32.2837294	-107.7799235	82	41	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid	Bare Ground	
R21	2021-10-28 18:56:50 UTC	32.2837307	-107.7799236	83	41.5	Bare Ground		Bare Ground	
R21	2021-10-28 18:56:54 UTC	32.2837311	-107.7799232	84	42	Bare Ground		Bare Ground	
R21	2021-10-28 18:56:56 UTC	32.2837348	-107.7799189	85	42.5	Bare Ground		Bare Ground	
R21	2021-10-28 18:56:58 UTC	32.2837358	-107.7799186	86	43	Bare Ground		Bare Ground	
R21	2021-10-28 18:57:05 UTC	32.2837378	-107.7799071	87	43.5	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid	Bare Ground	
R21	2021-10-28 18:57:13 UTC	32.2837423	-107.7799164	88	44	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid	Bare Ground	
R21	2021-10-28 18:57:15 UTC	32.2837423	-107.7799171	89	44.5	Bare Ground		Bare Ground	
R21	2021-10-28 18:57:18 UTC	32.2837432	-107.7799169	90	45	Bare Ground		Bare Ground	
R21	2021-10-28 18:57:29 UTC	32.2837447	-107.7799156	91	45.5	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid	Bare Ground	
R21	2021-10-28 18:57:50 UTC	32.2837691	-107.7799225	92	46	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid
R21	2021-10-28 18:57:57 UTC	32.2837769	-107.7799316	93	46.5	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid	Bare Ground	
R21	2021-10-28 18:57:59 UTC	32.2837767	-107.7799308	94	47	Bare Ground		Bare Ground	
R21	2021-10-28 18:58:07 UTC	32.283777	-107.7799309	95	47.5	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid	Bare Ground	
R21	2021-10-28 18:58:08 UTC	32.2837767	-107.7799296	96	48	Bare Ground		Bare Ground	
R21	2021-10-28 18:58:15 UTC	32.2837767	-107.7799287	97	48.5	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid	Bare Ground	
R21	2021-10-28 18:58:24 UTC	32.2837813	-107.7799294	98	49	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid	Bare Ground	
R21	2021-10-28 18:58:31 UTC	32.2837924	-107.7799278	99	49.5	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid	Bare Ground	
R21	2021-10-28 18:58:32 UTC	32.2837938	-107.7799291	100	50	Bare Ground		Bare Ground	
R19	2021-10-28 18:18:13 UTC	32.2837455	-107.7804649	1	0.5	Bare Ground		Bare Ground	
R19	2021-10-28 18:18:21 UTC	32.2837465	-107.7804686	2	1	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid	Bare Ground	
R19	2021-10-28 18:18:36 UTC	32.283754	-107.7804669	3	1.5	Shrub	PSSC6, Psoralea scoparius, Perennial Shrub	Bare Ground	

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R19	2021-10-28 18:18:51 UTC	32.2837541	-107.780465	4	2	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid
R19	2021-10-28 18:18:53 UTC	32.2837635	-107.7804678	5	2.5	Bare Ground		Bare Ground	
R19	2021-10-28 18:18:57 UTC	32.2837635	-107.7804678	6	3	Bare Ground		Bare Ground	
R19	2021-10-28 18:19:05 UTC	32.2837665	-107.7804685	7	3.5	Shrub	PSSC6, Psoralea scoparius, Perennial Shrub	Bare Ground	
R19	2021-10-28 18:19:23 UTC	32.2837755	-107.7804691	8	4	Shrub	PSSC6, Psoralea scoparius, Perennial Shrub	Forb	AMAC, Amaranthus acanthochiton, Annual Forb
R19	2021-10-28 18:19:34 UTC	32.2837806	-107.7804789	9	4.5	Forb	SATR12, Salsola tragus, Annual Forb	Bare Ground	
R19	2021-10-28 18:19:38 UTC	32.2837959	-107.780476	10	5	Bare Ground		Bare Ground	
R19	2021-10-28 18:19:50 UTC	32.2837968	-107.7804752	11	5.5	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid	Bare Ground	
R19	2021-10-28 18:20:14 UTC	32.2837932	-107.7804747	12	6	Forb	SATR12, Salsola tragus, Annual Forb	Forb	POPI3, Portulaca pilosa, Annual Forb
R19	2021-10-28 18:20:16 UTC	32.2837959	-107.7804703	13	6.5	Bare Ground		Bare Ground	
R19	2021-10-28 18:20:17 UTC	32.2837959	-107.7804703	14	7	Bare Ground		Bare Ground	
R19	2021-10-28 18:20:29 UTC	32.2837958	-107.78047	15	7.5	Shrub	PSSC6, Psoralea scoparius, Perennial Shrub	Litter	
R19	2021-10-28 18:20:37 UTC	32.2837981	-107.7804648	16	8	Shrub	PSSC6, Psoralea scoparius, Perennial Shrub	Bare Ground	
R19	2021-10-28 18:20:40 UTC	32.2838112	-107.7804676	17	8.5	Bare Ground		Bare Ground	
R19	2021-10-28 18:20:42 UTC	32.2838128	-107.7804684	18	9	Bare Ground		Bare Ground	
R19	2021-10-28 18:20:49 UTC	32.2838128	-107.7804684	19	9.5	Shrub	PSSC6, Psoralea scoparius, Perennial Shrub	Bare Ground	
R19	2021-10-28 18:20:52 UTC	32.2838418	-107.780472	20	10	Bare Ground		Bare Ground	
R19	2021-10-28 18:21:08 UTC	32.2838458	-107.7804746	21	10.5	Shrub	PSSC6, Psoralea scoparius, Perennial Shrub	Forb	AMAC, Amaranthus acanthochiton, Annual Forb
R19	2021-10-28 18:21:12 UTC	32.2838415	-107.7804805	22	11	Bare Ground		Bare Ground	
R19	2021-10-28 18:21:17 UTC	32.2838429	-107.7804807	23	11.5	Bare Ground		Bare Ground	
R19	2021-10-28 18:21:31 UTC	32.2838493	-107.780478	24	12	Forb	TILA2, Tidestromia lanuginosa, Annual forb	Forb	TILA2, Tidestromia lanuginosa, Annual forb
R19	2021-10-28 18:21:33 UTC	32.2838558	-107.7804764	25	12.5	Bare Ground		Bare Ground	
R19	2021-10-28 18:21:41 UTC	32.2838558	-107.780476	26	13	Bare Ground		Bare Ground	
R19	2021-10-28 18:22:52 UTC	32.2838597	-107.780471	27	13.5	Forb	AMAC, Amaranthus acanthochiton, Annual Forb	Bare Ground	
R19	2021-10-28 18:22:55 UTC	32.2838641	-107.7804769	28	14	Bare Ground		Bare Ground	
R19	2021-10-28 18:23:02 UTC	32.2838677	-107.7804733	29	14.5	Bare Ground		Bare Ground	
R19	2021-10-28 18:23:08 UTC	32.2838875	-107.7804735	30	15	Litter		Litter	
R19	2021-10-28 18:23:12 UTC	32.2838809	-107.7804722	31	15.5	Bare Ground		Bare Ground	
R19	2021-10-28 18:23:22 UTC	32.2838831	-107.7804728	32	16	Forb	AMAC, Amaranthus acanthochiton, Annual Forb	Litter	
R19	2021-10-28 18:23:38 UTC	32.2838941	-107.7804731	33	16.5	Forb	AMAC, Amaranthus acanthochiton, Annual Forb	Forb	AMAC, Amaranthus acanthochiton, Annual Forb
R19	2021-10-28 18:23:40 UTC	32.2838908	-107.7804779	34	17	Bare Ground		Bare Ground	
R19	2021-10-28 18:23:41 UTC	32.2838907	-107.780478	35	17.5	Bare Ground		Bare Ground	
R19	2021-10-28 18:23:49 UTC	32.2838907	-107.780478	36	18	Forb	AMAC, Amaranthus acanthochiton, Annual Forb	Bare Ground	
R19	2021-10-28 18:24:05 UTC	32.2839081	-107.7804807	37	18.5	Forb	AMAC, Amaranthus acanthochiton, Annual Forb	Forb	AMAC, Amaranthus acanthochiton, Annual Forb
R19	2021-10-28 18:24:06 UTC	32.2839189	-107.7804837	38	19	Bare Ground		Bare Ground	
R19	2021-10-28 18:24:31 UTC	32.2839189	-107.7804837	39	19.5	Shrub	PSSC6, Psoralea scoparius, Perennial Shrub	Bare Ground	

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R19	2021-10-28 18:24:51 UTC	32.2839173	-107.7804847	40	20	Shrub	EPTR, Ephedra trifurca, Perennial Shrub	Shrub	PSSC6, Psoralea scoparius, Perennial Shrub
R19	2021-10-28 18:25:05 UTC	32.2839225	-107.7804795	41	20.5	Shrub	PSSC6, Psoralea scoparius, Perennial Shrub	Forb	AMAC, Amaranthus acanthochiton, Annual Forb
R19	2021-10-28 18:25:13 UTC	32.2839282	-107.7804863	42	21	Forb	SATR12, Salsola tragus, Annual Forb	Bare Ground	
R19	2021-10-28 18:25:25 UTC	32.2839271	-107.7804881	43	21.5	Forb	AMAC, Amaranthus acanthochiton, Annual Forb	Bare Ground	
R19	2021-10-28 18:25:26 UTC	32.2839445	-107.7804846	44	22	Bare Ground		Bare Ground	
R19	2021-10-28 18:25:29 UTC	32.283945	-107.7804855	45	22.5	Bare Ground		Bare Ground	
R19	2021-10-28 18:25:32 UTC	32.2839458	-107.7804851	46	23	Bare Ground		Bare Ground	
R19	2021-10-28 18:25:45 UTC	32.2839452	-107.7804855	47	23.5	Grass	DAPU7, Dasyochloa pulchella, Perennial Graminoid	Grass	DAPU7, Dasyochloa pulchella, Perennial Graminoid
R19	2021-10-28 18:25:48 UTC	32.2839588	-107.7804847	48	24	Bare Ground		Bare Ground	
R19	2021-10-28 18:25:51 UTC	32.2839596	-107.7804843	49	24.5	Bare Ground		Bare Ground	
R19	2021-10-28 18:25:54 UTC	32.2839645	-107.7804842	50	25	Bare Ground		Bare Ground	
R19	2021-10-28 18:25:58 UTC	32.283979	-107.7804835	51	25.5	Bare Ground		Bare Ground	
R19	2021-10-28 18:26:02 UTC	32.2839813	-107.7804777	52	26	Bare Ground		Bare Ground	
R19	2021-10-28 18:26:04 UTC	32.2839837	-107.7804838	53	26.5	Bare Ground		Bare Ground	
R19	2021-10-28 18:26:07 UTC	32.2839848	-107.7804817	54	27	Bare Ground		Bare Ground	
R19	2021-10-28 18:26:12 UTC	32.2839806	-107.7804621	55	27.5	Bare Ground		Bare Ground	
R19	2021-10-28 18:26:15 UTC	32.2839888	-107.7804749	56	28	Bare Ground		Bare Ground	
R19	2021-10-28 18:26:17 UTC	32.2839903	-107.7804788	57	28.5	Bare Ground		Bare Ground	
R19	2021-10-28 18:26:27 UTC	32.284002	-107.7804826	58	29	Shrub	PSSC6, Psoralea scoparius, Perennial Shrub	Litter	
R19	2021-10-28 18:26:48 UTC	32.2840187	-107.7804874	59	29.5	Shrub	PSSC6, Psoralea scoparius, Perennial Shrub	Litter	
R19	2021-10-28 18:26:52 UTC	32.2840225	-107.7804914	60	30	Litter		Litter	
R19	2021-10-28 18:27:07 UTC	32.2840217	-107.7804889	61	30.5	Forb	AMAC, Amaranthus acanthochiton, Annual Forb	Bare Ground	
R19	2021-10-28 18:27:14 UTC	32.2840309	-107.7804977	62	31	Forb	AMAC, Amaranthus acanthochiton, Annual Forb	Bare Ground	
R19	2021-10-28 18:27:17 UTC	32.2840274	-107.7804965	63	31.5	Bare Ground		Bare Ground	
R19	2021-10-28 18:27:26 UTC	32.2840273	-107.7804964	64	32	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid	Bare Ground	
R19	2021-10-28 18:27:45 UTC	32.2840391	-107.780479	65	32.5	Forb	AMAC, Amaranthus acanthochiton, Annual Forb	Grass	DAPU7, Dasyochloa pulchella, Perennial Graminoid
R19	2021-10-28 18:27:46 UTC	32.284036	-107.7804775	66	33	Bare Ground		Bare Ground	
R19	2021-10-28 18:27:50 UTC	32.284036	-107.7804775	67	33.5	Bare Ground		Bare Ground	
R19	2021-10-28 18:27:54 UTC	32.2840383	-107.7804693	68	34	Bare Ground		Bare Ground	
R19	2021-10-28 18:27:58 UTC	32.2840517	-107.7804714	69	34.5	Bare Ground		Bare Ground	
R19	2021-10-28 18:28:07 UTC	32.2840673	-107.780492	70	35	Forb	AMAC, Amaranthus acanthochiton, Annual Forb	Bare Ground	
R19	2021-10-28 18:28:11 UTC	32.2840551	-107.7804874	71	35.5	Bare Ground		Bare Ground	
R19	2021-10-28 18:28:27 UTC	32.2840638	-107.7804898	72	36	Grass	DAPU7, Dasyochloa pulchella, Perennial Graminoid	Grass	DAPU7, Dasyochloa pulchella, Perennial Graminoid
R19	2021-10-28 18:28:29 UTC	32.2840693	-107.7804849	73	36.5	Bare Ground		Bare Ground	
R19	2021-10-28 18:28:30 UTC	32.2840693	-107.7804849	74	37	Bare Ground		Bare Ground	
R19	2021-10-28 18:28:32 UTC	32.2840717	-107.7804836	75	37.5	Bare Ground		Bare Ground	
R19	2021-10-28 18:28:36 UTC	32.2840708	-107.7804857	76	38	Bare Ground		Bare Ground	
R19	2021-10-28 18:28:39 UTC	32.2840761	-107.7804874	77	38.5	Bare Ground		Bare Ground	
R19	2021-10-28 18:28:55 UTC	32.2840972	-107.7804848	78	39	Shrub	PSSC6, Psoralea scoparius, Perennial Shrub	Forb	AMAC, Amaranthus acanthochiton, Annual Forb
R19	2021-10-28 18:28:57 UTC	32.2841015	-107.7804878	79	39.5	Bare Ground		Bare Ground	
R19	2021-10-28 18:28:58 UTC	32.2841015	-107.7804878	80	40	Bare Ground		Bare Ground	

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R19	2021-10-28 18:29:02 UTC	32.2841011	-107.7804882	81	40.5	Bare Ground		Bare Ground	
R19	2021-10-28 18:29:03 UTC	32.2841039	-107.7804883	82	41	Bare Ground		Bare Ground	
R19	2021-10-28 18:29:11 UTC	32.2841039	-107.7804883	83	41.5	Bare Ground		Bare Ground	
R19	2021-10-28 18:29:30 UTC	32.284131	-107.7804869	84	42	Grass	AMAC, Amaranthus acanthochiton, Annual Forb	Grass	DAPU7, Dasyochloa pulchella, Perennial Graminoid
R19	2021-10-28 18:29:36 UTC	32.2841255	-107.780491	85	42.5	Bare Ground		Bare Ground	
R19	2021-10-28 18:29:45 UTC	32.2841277	-107.7804898	86	43	Bare Ground		Bare Ground	
R19	2021-10-28 18:29:47 UTC	32.2841323	-107.7804945	87	43.5	Bare Ground		Bare Ground	
R19	2021-10-28 18:29:50 UTC	32.28413	-107.7804933	88	44	Bare Ground		Bare Ground	
R19	2021-10-28 18:29:54 UTC	32.2841314	-107.7804941	89	44.5	Bare Ground		Bare Ground	
R19	2021-10-28 18:30:07 UTC	32.2841381	-107.7804914	90	45	Forb	AMAC, Amaranthus acanthochiton, Annual Forb	Bare Ground	
R19	2021-10-28 18:30:12 UTC	32.2841442	-107.7804913	91	45.5	Bare Ground		Bare Ground	
R19	2021-10-28 18:30:18 UTC	32.2841543	-107.7804884	92	46	Bare Ground		Bare Ground	
R19	2021-10-28 18:30:44 UTC	32.28416	-107.7804915	93	46.5	Grass	BOBA2, Bouteloua barbata, Annual Graminoid	Grass	BOBA2, Bouteloua barbata, Annual Graminoid
R19	2021-10-28 18:30:48 UTC	32.2841612	-107.7804933	94	47	Bare Ground		Bare Ground	
R19	2021-10-28 18:31:09 UTC	32.2841642	-107.7804947	95	47.5	Forb	AMAC, Amaranthus acanthochiton, Annual Forb	Forb	AMAC, Amaranthus acanthochiton, Annual Forb
R19	2021-10-28 18:31:11 UTC	32.2841879	-107.7804943	96	48	Bare Ground		Bare Ground	
R19	2021-10-28 18:31:13 UTC	32.2841879	-107.7804943	97	48.5	Bare Ground		Bare Ground	
R19	2021-10-28 18:31:26 UTC	32.2841879	-107.7804942	98	49	Forb	AMAC, Amaranthus acanthochiton, Annual Forb	Forb	AMAC, Amaranthus acanthochiton, Annual Forb
R19	2021-10-28 18:31:32 UTC	32.2841885	-107.7804901	99	49.5	Forb	POPI3, Portulaca pilosa, Annual Forb	Bare Ground	
R19	2021-10-28 18:31:34 UTC	32.2841901	-107.7804898	100	50	Bare Ground		Bare Ground	
R18	2021-10-28 17:45:37 UTC	32.2833939	-107.7806172	1	0.5	Grass	BOAR, Bouteloua aristoides, Annual Graminoid	Grass	BOAR, Bouteloua aristoides, Annual Graminoid
R18	2021-10-28 17:45:38 UTC	32.2833972	-107.7806101	2	1	Bare Ground		Bare Ground	
R18	2021-10-28 17:45:49 UTC	32.2833968	-107.7806116	3	1.5	Forb	SATR12, Salsola tragus, Annual Forb	Forb	SATR12, Salsola tragus, Annual Forb
R18	2021-10-28 17:45:58 UTC	32.2833954	-107.7806114	4	2	Forb	POPI3, Portulaca pilosa, Annual Forb	Bare Ground	
R18	2021-10-28 17:46:03 UTC	32.2833963	-107.7806104	5	2.5	Bare Ground		Bare Ground	
R18	2021-10-28 17:46:11 UTC	32.2833956	-107.7806093	6	3	Bare Ground		Bare Ground	
R18	2021-10-28 17:46:31 UTC	32.2834087	-107.7806082	7	3.5	Grass	BOBA2, Bouteloua barbata, Annual Graminoid	Bare Ground	
R18	2021-10-28 17:46:38 UTC	32.2834246	-107.7806089	8	4	Bare Ground		Bare Ground	
R18	2021-10-28 17:46:41 UTC	32.2834299	-107.7806033	9	4.5	Bare Ground		Bare Ground	
R18	2021-10-28 17:47:05 UTC	32.2834353	-107.7806028	10	5	Bare Ground		Bare Ground	
R18	2021-10-28 17:47:20 UTC	32.2834563	-107.7805784	11	5.5	Grass	BOAR, Bouteloua aristoides, Annual Graminoid	Grass	BOAR, Bouteloua aristoides, Annual Graminoid
R18	2021-10-28 17:47:56 UTC	32.2834543	-107.7805777	12	6	Forb	BOCO2, Boerhavia coulteri, Annual Forb	Grass	BOAR, Bouteloua aristoides, Annual Graminoid
R18	2021-10-28 17:48:04 UTC	32.2834509	-107.7805795	13	6.5	Forb	TILA2, Tidestromia lanuginosa, Annual forb	Bare Ground	
R18	2021-10-28 17:48:20 UTC	32.2834538	-107.7805747	14	7	Forb	POPI3, Portulaca pilosa, Annual Forb	Grass	BOAR, Bouteloua aristoides, Annual Graminoid
R18	2021-10-28 17:48:37 UTC	32.2834523	-107.7805713	15	7.5	Bare Ground		Bare Ground	
R18	2021-10-28 17:48:40 UTC	32.2834587	-107.7805749	16	8	Bare Ground		Bare Ground	
R18	2021-10-28 17:48:51 UTC	32.2834593	-107.7805748	17	8.5	Grass	BOAR, Bouteloua aristoides, Annual Graminoid	Bare Ground	
R18	2021-10-28 17:48:59 UTC	32.2834595	-107.7805769	18	9	Grass	BOAR, Bouteloua aristoides, Annual Graminoid	Bare Ground	

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R18	2021-10-28 17:49:15 UTC	32.2834595	-107.7805769	19	9.5	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid	Forb	POPI3, Portulaca pilosa, Annual Forb
R18	2021-10-28 17:49:17 UTC	32.2834738	-107.7805701	20	10	Bare Ground		Bare Ground	
R18	2021-10-28 17:49:24 UTC	32.2834754	-107.7805704	21	10.5	Bare Ground		Bare Ground	
R18	2021-10-28 17:49:34 UTC	32.2834768	-107.7805724	22	11	Bare Ground		Bare Ground	
R18	2021-10-28 17:49:47 UTC	32.2834911	-107.7805723	23	11.5	Forb	POPI3, Portulaca pilosa, Annual Forb	Forb	POPI3, Portulaca pilosa, Annual Forb
R18	2021-10-28 17:49:59 UTC	32.2834972	-107.7805707	24	12	Forb	TILA2, Tidestromia lanuginosa, Annual forb	Bare Ground	
R18	2021-10-28 17:50:08 UTC	32.2834998	-107.7805723	25	12.5	Forb	SATR12, Salsola tragus, Annual Forb	Bare Ground	
R18	2021-10-28 17:50:24 UTC	32.2835002	-107.7805719	26	13	Bare Ground		Bare Ground	
R18	2021-10-28 17:50:34 UTC	32.2835057	-107.7805726	27	13.5	Forb	POPI3, Portulaca pilosa, Annual Forb	Bare Ground	
R18	2021-10-28 17:50:38 UTC	32.2835159	-107.7805702	28	14	Bare Ground		Bare Ground	
R18	2021-10-28 17:50:42 UTC	32.2835195	-107.7805708	29	14.5	Bare Ground		Bare Ground	
R18	2021-10-28 17:50:57 UTC	32.2835227	-107.7805704	30	15	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid	Forb	POPI3, Portulaca pilosa, Annual Forb
R18	2021-10-28 17:51:08 UTC	32.2835263	-107.7805683	31	15.5	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid
R18	2021-10-28 17:51:10 UTC	32.2835277	-107.7805683	32	16	Bare Ground		Bare Ground	
R18	2021-10-28 17:51:12 UTC	32.2835277	-107.7805683	33	16.5	Bare Ground		Bare Ground	
R18	2021-10-28 17:51:14 UTC	32.2835278	-107.7805683	34	17	Bare Ground		Bare Ground	
R18	2021-10-28 17:51:17 UTC	32.2835276	-107.7805681	35	17.5	Bare Ground		Bare Ground	
R18	2021-10-28 17:51:20 UTC	32.2835283	-107.7805685	36	18	Bare Ground		Bare Ground	
R18	2021-10-28 17:51:23 UTC	32.2835337	-107.7805692	37	18.5	Bare Ground		Bare Ground	
R18	2021-10-28 17:51:26 UTC	32.2835444	-107.7805685	38	19	Bare Ground		Bare Ground	
R18	2021-10-28 17:51:40 UTC	32.2835491	-107.7805618	39	19.5	Forb	TILA2, Tidestromia lanuginosa, Annual forb	Bare Ground	
R18	2021-10-28 17:51:51 UTC	32.2835694	-107.7805622	40	20	Forb	TILA2, Tidestromia lanuginosa, Annual forb	Bare Ground	
R18	2021-10-28 17:51:55 UTC	32.2835732	-107.7805614	41	20.5	Bare Ground		Bare Ground	
R18	2021-10-28 17:51:58 UTC	32.2835746	-107.7805623	42	21	Bare Ground		Bare Ground	
R18	2021-10-28 17:52:01 UTC	32.2835742	-107.7805613	43	21.5	Bare Ground		Bare Ground	
R18	2021-10-28 17:52:03 UTC	32.2835721	-107.780558	44	22	Bare Ground		Bare Ground	
R18	2021-10-28 17:52:10 UTC	32.2835801	-107.7805643	45	22.5	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid	Bare Ground	
R18	2021-10-28 17:52:19 UTC	32.2835855	-107.780565	46	23	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid	Bare Ground	
R18	2021-10-28 17:52:26 UTC	32.2835947	-107.7805637	47	23.5	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid	Bare Ground	
R18	2021-10-28 17:52:28 UTC	32.2835985	-107.7805637	48	24	Bare Ground		Bare Ground	
R18	2021-10-28 17:52:37 UTC	32.2835989	-107.7805631	49	24.5	Bare Ground		Bare Ground	
R18	2021-10-28 17:52:53 UTC	32.2836009	-107.7805618	50	25	Forb	TILA2, Tidestromia lanuginosa, Annual forb	Forb	TILA2, Tidestromia lanuginosa, Annual forb
R18	2021-10-28 17:53:00 UTC	32.2836223	-107.7805626	51	25.5	Bare Ground		Bare Ground	
R18	2021-10-28 17:53:03 UTC	32.2836199	-107.7805625	52	26	Bare Ground		Bare Ground	
R18	2021-10-28 17:53:05 UTC	32.28362	-107.7805631	53	26.5	Bare Ground		Bare Ground	
R18	2021-10-28 17:53:11 UTC	32.2836196	-107.7805619	54	27	Litter		Litter	
R18	2021-10-28 17:53:15 UTC	32.2836198	-107.7805627	55	27.5	Bare Ground		Bare Ground	
R18	2021-10-28 17:53:23 UTC	32.2836201	-107.7805631	56	28	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid	Bare Ground	
R18	2021-10-28 17:53:36 UTC	32.2836234	-107.7805608	57	28.5	Forb	TILA2, Tidestromia lanuginosa, Annual forb	Forb	TILA2, Tidestromia lanuginosa, Annual forb
R18	2021-10-28 17:53:38 UTC	32.2836228	-107.7805617	58	29	Bare Ground		Bare Ground	
R18	2021-10-28 17:53:49 UTC	32.283623	-107.7805619	59	29.5	Forb	BOCO2, Boerhavia coulteri, Annual Forb	Bare Ground	

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R18	2021-10-28 17:54:01 UTC	32.2836349	-107.7805617	60	30	Bare Ground		Bare Ground	
R18	2021-10-28 17:54:13 UTC	32.2836455	-107.7805592	61	30.5	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid
R18	2021-10-28 17:54:20 UTC	32.283646	-107.7805588	62	31	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid	Bare Ground	
R18	2021-10-28 17:54:29 UTC	32.283647	-107.7805568	63	31.5	Forb	SATR12, Salsola tragus, Annual Forb	Bare Ground	
R18	2021-10-28 17:54:40 UTC	32.2836496	-107.7805594	64	32	Forb	SATR12, Salsola tragus, Annual Forb	Bare Ground	
R18	2021-10-28 17:54:53 UTC	32.283659	-107.7805609	65	32.5	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid
R18	2021-10-28 17:54:54 UTC	32.2836679	-107.7805583	66	33	Bare Ground		Bare Ground	
R18	2021-10-28 17:55:02 UTC	32.2836691	-107.780558	67	33.5	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid	Bare Ground	
R18	2021-10-28 17:55:15 UTC	32.2836759	-107.7805558	68	34	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid	Bare Ground	
R18	2021-10-28 17:55:22 UTC	32.283683	-107.7805553	69	34.5	Bare Ground		Bare Ground	
R18	2021-10-28 17:55:41 UTC	32.2836826	-107.7805547	70	35	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid	Litter	
R18	2021-10-28 17:56:02 UTC	32.2836935	-107.7805528	71	35.5	Forb	AMAC, Amaranthus acanthochiton, Annual Forb	Bare Ground	
R18	2021-10-28 17:56:15 UTC	32.2837024	-107.7805557	72	36	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid
R18	2021-10-28 17:56:31 UTC	32.2837002	-107.780556	73	36.5	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid	Bare Ground	
R18	2021-10-28 17:58:02 UTC	32.2837065	-107.7805535	74	37	Grass	DAPU7, Dasyochloa pulchella, Perennial Graminoid	Bare Ground	
R18	2021-10-28 17:58:12 UTC	32.2837259	-107.7805608	75	37.5	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid	Bare Ground	
R18	2021-10-28 17:58:28 UTC	32.2837314	-107.7805597	76	38	Bare Ground		Bare Ground	
R18	2021-10-28 17:58:30 UTC	32.2837379	-107.7805672	77	38.5	Bare Ground		Bare Ground	
R18	2021-10-28 17:58:39 UTC	32.2837379	-107.7805672	78	39	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid	Bare Ground	
R18	2021-10-28 17:58:50 UTC	32.2837406	-107.7805675	79	39.5	Bare Ground		Bare Ground	
R18	2021-10-28 17:58:57 UTC	32.2837437	-107.7805638	80	40	Litter		Litter	
R18	2021-10-28 17:59:01 UTC	32.283748	-107.7805642	81	40.5	Bare Ground		Bare Ground	
R18	2021-10-28 17:59:05 UTC	32.2837504	-107.7805652	82	41	Bare Ground		Bare Ground	
R18	2021-10-28 17:59:14 UTC	32.2837507	-107.7805627	83	41.5	Forb	AMAC, Amaranthus acanthochiton, Annual Forb	Bare Ground	
R18	2021-10-28 17:59:20 UTC	32.2837631	-107.7805636	84	42	Bare Ground		Bare Ground	
R18	2021-10-28 17:59:29 UTC	32.2837628	-107.7805614	85	42.5	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid	Bare Ground	
R18	2021-10-28 17:59:32 UTC	32.283769	-107.7805597	86	43	Bare Ground		Bare Ground	
R18	2021-10-28 17:59:41 UTC	32.2837694	-107.7805597	87	43.5	Grass	DAPU7, Dasyochloa pulchella, Perennial Graminoid	Bare Ground	
R18	2021-10-28 17:59:45 UTC	32.2837734	-107.78056	88	44	Bare Ground		Bare Ground	
R18	2021-10-28 17:59:55 UTC	32.2837792	-107.7805583	89	44.5	Bare Ground		Bare Ground	
R18	2021-10-28 18:00:19 UTC	32.2837863	-107.7805549	90	45	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid	Bare Ground	
R18	2021-10-28 18:00:26 UTC	32.2838075	-107.7805545	91	45.5	Bare Ground		Bare Ground	
R18	2021-10-28 18:00:34 UTC	32.2837972	-107.7805532	92	46	Bare Ground		Bare Ground	
R18	2021-10-28 18:00:39 UTC	32.2838028	-107.7805496	93	46.5	Litter		Litter	
R18	2021-10-28 18:00:46 UTC	32.2837996	-107.7805467	94	47	Bare Ground		Bare Ground	



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R18	2021-10-28 18:00:49 UTC	32.2838002	-107.7805481	95	47.5	Bare Ground		Bare Ground	
R18	2021-10-28 18:01:01 UTC	32.2838011	-107.7805489	96	48	Forb	BOCO2, Boerhavia coulteri, Annual Forb	Bare Ground	
R18	2021-10-28 18:01:12 UTC	32.283816	-107.7805519	97	48.5	Forb	AMAC, Amaranthus acanthochiton, Annual Forb	Bare Ground	
R18	2021-10-28 18:01:14 UTC	32.2838204	-107.7805516	98	49	Bare Ground		Bare Ground	
R18	2021-10-28 18:01:20 UTC	32.2838208	-107.780552	99	49.5	Bare Ground		Bare Ground	
R18	2021-10-28 18:01:21 UTC	32.2838202	-107.7805526	100	50	Bare Ground		Bare Ground	
R17	2021-10-28 17:00:36 UTC	32.2835357	-107.7799284	1	0.5	Bare Ground		Bare Ground	
R17	2021-10-28 17:00:42 UTC	32.2835792	-107.7799433	2	1	Bare Ground		Bare Ground	
R17	2021-10-28 17:00:45 UTC	32.2835792	-107.7799425	3	1.5	Bare Ground		Bare Ground	
R17	2021-10-28 17:00:47 UTC	32.2835786	-107.7799427	4	2	Bare Ground		Bare Ground	
R17	2021-10-28 17:01:03 UTC	32.283579	-107.7799421	5	2.5	Bare Ground		Bare Ground	
R17	2021-10-28 17:01:06 UTC	32.28359	-107.7799417	6	3	Bare Ground		Bare Ground	
R17	2021-10-28 17:01:08 UTC	32.2835902	-107.7799421	7	3.5	Bare Ground		Bare Ground	
R17	2021-10-28 17:01:10 UTC	32.2835902	-107.7799422	8	4	Bare Ground		Bare Ground	
R17	2021-10-28 17:01:12 UTC	32.2835903	-107.7799423	9	4.5	Bare Ground		Bare Ground	
R17	2021-10-28 17:01:21 UTC	32.2835902	-107.7799427	10	5	Shrub	GUSA2, Gutierrezia sarothrae, Perennial Subshrub	Bare Ground	
R17	2021-10-28 17:01:32 UTC	32.2835977	-107.7799441	11	5.5	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid	Bare Ground	
R17	2021-10-28 17:01:46 UTC	32.2836091	-107.7799515	12	6	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid
R17	2021-10-28 17:01:53 UTC	32.2836141	-107.7799538	13	6.5	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid	Bare Ground	
R17	2021-10-28 17:02:13 UTC	32.2836144	-107.779953	14	7	Forb	TILA2, Tidestromia lanuginosa, Annual forb	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid
R17	2021-10-28 17:02:23 UTC	32.2836301	-107.7799561	15	7.5	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid	Bare Ground	
R17	2021-10-28 17:02:36 UTC	32.2836317	-107.7799553	16	8	Forb	SATR12, Salsola tragus, Annual Forb	Bare Ground	
R17	2021-10-28 17:02:50 UTC	32.2836412	-107.7799532	17	8.5	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid
R17	2021-10-28 17:02:58 UTC	32.2836489	-107.7799596	18	9	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid	Bare Ground	
R17	2021-10-28 17:03:01 UTC	32.2836501	-107.7799614	19	9.5	Bare Ground		Bare Ground	
R17	2021-10-28 17:03:12 UTC	32.2836509	-107.779962	20	10	Forb	SATR12, Salsola tragus, Annual Forb	Bare Ground	
R17	2021-10-28 17:03:15 UTC	32.2836682	-107.7799622	21	10.5	Bare Ground		Bare Ground	
R17	2021-10-28 17:03:23 UTC	32.2836687	-107.7799619	22	11	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid	Bare Ground	
R17	2021-10-28 17:03:33 UTC	32.2836658	-107.7799581	23	11.5	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid	Bare Ground	
R17	2021-10-28 17:03:48 UTC	32.2836687	-107.7799539	24	12	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid
R17	2021-10-28 17:04:00 UTC	32.2836703	-107.7799537	25	12.5	Forb	TILA2, Tidestromia lanuginosa, Annual forb	Forb	TILA2, Tidestromia lanuginosa, Annual forb
R17	2021-10-28 17:04:11 UTC	32.2836705	-107.779956	26	13	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid	Bare Ground	
R17	2021-10-28 17:04:29 UTC	32.2836702	-107.779955	27	13.5	Forb	SATR12, Salsola tragus, Annual Forb	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid
R17	2021-10-28 17:04:33 UTC	32.283668	-107.7799565	28	14	Bare Ground		Bare Ground	

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R17	2021-10-28 17:04:52 UTC	32.2836695	-107.7799559	29	14.5	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid	Litter	
R17	2021-10-28 17:05:05 UTC	32.2836923	-107.7799609	30	15	Litter		Litter	
R17	2021-10-28 17:05:20 UTC	32.2837145	-107.779958	31	15.5	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid
R17	2021-10-28 17:05:27 UTC	32.2837224	-107.7799605	32	16	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid	Litter	
R17	2021-10-28 17:05:34 UTC	32.2837195	-107.7799581	33	16.5	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid	Bare Ground	
R17	2021-10-28 17:05:49 UTC	32.2837192	-107.7799601	34	17	Forb	TILA2, Tidestromia lanuginosa, Annual forb	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid
R17	2021-10-28 17:06:08 UTC	32.2837214	-107.7799607	35	17.5	Forb	POPI3, Portulaca pilosa, Annual Forb	Litter	
R17	2021-10-28 17:06:19 UTC	32.2837255	-107.7799593	36	18	Forb	POPI3, Portulaca pilosa, Annual Forb	Litter	
R17	2021-10-28 17:06:25 UTC	32.2837339	-107.779962	37	18.5	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid	Bare Ground	
R17	2021-10-28 17:06:33 UTC	32.2837387	-107.7799627	38	19	Bare Ground		Bare Ground	
R17	2021-10-28 17:06:39 UTC	32.283743	-107.7799651	39	19.5	Bare Ground		Bare Ground	
R17	2021-10-28 17:08:18 UTC	32.2837464	-107.7799629	40	20	Litter		Litter	
R17	2021-10-28 17:08:22 UTC	32.2837585	-107.7799515	41	20.5	Litter		Litter	
R17	2021-10-28 17:08:33 UTC	32.2837577	-107.7799517	42	21	Bare Ground		Bare Ground	
R17	2021-10-28 17:08:46 UTC	32.2837577	-107.7799566	43	21.5	Shrub	EPTR, Ephedra trifurca, Perennial Shrub	Bare Ground	
R17	2021-10-28 17:09:12 UTC	32.283757	-107.7799654	44	22	Shrub	EPTR, Ephedra trifurca, Perennial Shrub	Bare Ground	
R17	2021-10-28 17:09:31 UTC	32.2837611	-107.7799601	45	22.5	Forb	POPI3, Portulaca pilosa, Annual Forb	Bare Ground	
R17	2021-10-28 17:09:45 UTC	32.2837795	-107.7799642	46	23	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid	Bare Ground	
R17	2021-10-28 17:09:48 UTC	32.2837814	-107.7799694	47	23.5	Bare Ground		Bare Ground	
R17	2021-10-28 17:09:54 UTC	32.2837823	-107.7799704	48	24	Bare Ground		Bare Ground	
R17	2021-10-28 17:10:12 UTC	32.2837842	-107.7799698	49	24.5	Grass	POPI3, Portulaca pilosa, Annual Forb	Forb	POPI3, Portulaca pilosa, Annual Forb
R17	2021-10-28 17:10:19 UTC	32.2837888	-107.7799749	50	25	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid	Bare Ground	
R17	2021-10-28 17:10:25 UTC	32.2837878	-107.7799736	51	25.5	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid	Bare Ground	
R17	2021-10-28 17:10:31 UTC	32.2837873	-107.7799746	52	26	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid	Bare Ground	
R17	2021-10-28 17:10:35 UTC	32.2837908	-107.7799739	53	26.5	Litter		Litter	
R17	2021-10-28 17:10:45 UTC	32.283795	-107.7799714	54	27	Shrub	SATR12, Salsola tragus, Annual Forb	Litter	
R17	2021-10-28 17:10:47 UTC	32.2837969	-107.7799714	55	27.5	Bare Ground		Bare Ground	
R17	2021-10-28 17:11:19 UTC	32.2837968	-107.7799714	56	28	Bare Ground		Bare Ground	
R17	2021-10-28 17:11:47 UTC	32.2838375	-107.7799664	57	28.5	Forb	AMAC, Amaranthus acanthochiton, Annual Forb	Forb	POPI3, Portulaca pilosa, Annual Forb
R17	2021-10-28 17:11:49 UTC	32.2838402	-107.7799739	58	29	Bare Ground		Bare Ground	
R17	2021-10-28 17:12:12 UTC	32.2838402	-107.7799739	59	29.5	Litter		Litter	
R17	2021-10-28 17:12:22 UTC	32.2838371	-107.7799707	60	30	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid	Bare Ground	
R17	2021-10-28 17:12:40 UTC	32.2838398	-107.7799742	61	30.5	Forb	BOAR, Bouteloua aristidoides, Annual Graminoid	Forb	POPI3, Portulaca pilosa, Annual Forb
R17	2021-10-28 17:12:52 UTC	32.2838404	-107.779978	62	31	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid	Litter	

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R17	2021-10-28 17:13:10 UTC	32.2838391	-107.7799763	63	31.5	Forb	TILA2, Tidestromia lanuginosa, Annual forb	Forb	TILA2, Tidestromia lanuginosa, Annual forb
R17	2021-10-28 17:13:11 UTC	32.2838393	-107.7799713	64	32	Bare Ground		Bare Ground	
R17	2021-10-28 17:13:15 UTC	32.2838393	-107.7799713	65	32.5	Bare Ground		Bare Ground	
R17	2021-10-28 17:13:22 UTC	32.2838388	-107.7799699	66	33	Bare Ground		Bare Ground	
R17	2021-10-28 17:13:25 UTC	32.2838501	-107.7799731	67	33.5	Bare Ground		Bare Ground	
R17	2021-10-28 17:13:32 UTC	32.283855	-107.7799754	68	34	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid	Bare Ground	
R17	2021-10-28 17:13:45 UTC	32.2838576	-107.7799755	69	34.5	Forb	POPI3, Portulaca pilosa, Annual Forb	Bare Ground	
R17	2021-10-28 17:13:50 UTC	32.2838782	-107.7799799	70	35	Bare Ground		Bare Ground	
R17	2021-10-28 17:13:59 UTC	32.2838808	-107.7799825	71	35.5	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid	Bare Ground	
R17	2021-10-28 17:14:14 UTC	32.2838833	-107.7799901	72	36	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid
R17	2021-10-28 17:14:54 UTC	32.2838888	-107.7799924	73	36.5	Forb	POPI3, Portulaca pilosa, Annual Forb	Bare Ground	
R17	2021-10-28 17:14:57 UTC	32.2838973	-107.7799788	74	37	Bare Ground		Bare Ground	
R17	2021-10-28 17:15:09 UTC	32.2838966	-107.7799805	75	37.5	Bare Ground		Bare Ground	
R17	2021-10-28 17:15:22 UTC	32.2839089	-107.7799936	76	38	Forb	AMAC, Amaranthus acanthochiton, Annual Forb	Bare Ground	
R17	2021-10-28 17:15:31 UTC	32.2839119	-107.7799849	77	38.5	Bare Ground		Bare Ground	
R17	2021-10-28 17:15:48 UTC	32.2839108	-107.7799821	78	39	Forb	POPI3, Portulaca pilosa, Annual Forb	Bare Ground	
R17	2021-10-28 17:15:57 UTC	32.2839203	-107.7799866	79	39.5	Forb	POPI3, Portulaca pilosa, Annual Forb	Bare Ground	
R17	2021-10-28 17:16:00 UTC	32.2839218	-107.7799867	80	40	Bare Ground		Bare Ground	
R17	2021-10-28 17:16:08 UTC	32.2839224	-107.7799866	81	40.5	Bare Ground		Bare Ground	
R17	2021-10-28 17:16:16 UTC	32.2839263	-107.7799898	82	41	Bare Ground		Bare Ground	
R17	2021-10-28 17:16:25 UTC	32.2839353	-107.7799906	83	41.5	Bare Ground		Bare Ground	
R17	2021-10-28 17:16:40 UTC	32.2839355	-107.7799878	84	42	Forb	TILA2, Tidestromia lanuginosa, Annual forb	Bare Ground	
R17	2021-10-28 17:16:52 UTC	32.2839339	-107.77999	85	42.5	Forb	SATR12, Salsola tragus, Annual Forb	Bare Ground	
R17	2021-10-28 17:17:02 UTC	32.2839371	-107.7799888	86	43	Bare Ground		Bare Ground	
R17	2021-10-28 17:17:10 UTC	32.2839511	-107.7799927	87	43.5	Forb	POPI3, Portulaca pilosa, Annual Forb	Bare Ground	
R17	2021-10-28 17:17:35 UTC	32.2839526	-107.7799915	88	44	Forb	AF#4, Annual Forb, Annual Forb	Bare Ground	
R17	2021-10-28 17:17:48 UTC	32.2839544	-107.7799916	89	44.5	Forb	POPI3, Portulaca pilosa, Annual Forb	Bare Ground	
R17	2021-10-28 17:17:51 UTC	32.2839608	-107.7799921	90	45	Bare Ground		Bare Ground	
R17	2021-10-28 17:17:54 UTC	32.2839615	-107.7799925	91	45.5	Bare Ground		Bare Ground	
R17	2021-10-28 17:17:58 UTC	32.2839618	-107.7799949	92	46	Bare Ground		Bare Ground	
R17	2021-10-28 17:18:17 UTC	32.283964	-107.7799887	93	46.5	Forb	AMAC, Amaranthus acanthochiton, Annual Forb	Forb	AMAC, Amaranthus acanthochiton, Annual Forb
R17	2021-10-28 17:18:19 UTC	32.2839952	-107.7799944	94	47	Bare Ground		Bare Ground	
R17	2021-10-28 17:18:32 UTC	32.283995	-107.7799948	95	47.5	Forb	AMAC, Amaranthus acanthochiton, Annual Forb	Litter	
R17	2021-10-28 17:18:34 UTC	32.2839981	-107.7799927	96	48	Bare Ground		Bare Ground	
R17	2021-10-28 17:18:40 UTC	32.2839995	-107.7799922	97	48.5	Bare Ground		Bare Ground	
R17	2021-10-28 17:18:44 UTC	32.2840011	-107.7799928	98	49	Bare Ground		Bare Ground	
R17	2021-10-28 17:18:51 UTC	32.2840029	-107.7799932	99	49.5	Bare Ground		Bare Ground	
R17	2021-10-28 17:18:55 UTC	32.2840009	-107.7799935	100	50	Bare Ground		Bare Ground	
R15	2021-10-28 00:03:12 UTC	32.283434	-107.7809225	1	0.5	Bare Ground		Bare Ground	
R15	2021-10-28 00:03:20 UTC	32.2834361	-107.7809257	2	1	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid	Bare Ground	
R15	2021-10-28 00:03:29 UTC	32.2834405	-107.7809278	3	1.5	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid	Bare Ground	

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R15	2021-10-28 00:03:30 UTC	32.2834392	-107.780927	4	2	Bare Ground		Bare Ground	
R15	2021-10-28 00:03:32 UTC	32.2834394	-107.7809268	5	2.5	Bare Ground		Bare Ground	
R15	2021-10-28 00:03:36 UTC	32.2834399	-107.7809298	6	3	Bare Ground		Bare Ground	
R15	2021-10-28 00:03:38 UTC	32.2834398	-107.7809277	7	3.5	Bare Ground		Bare Ground	
R15	2021-10-28 00:04:05 UTC	32.2834445	-107.7809268	8	4	Bare Ground		Bare Ground	
R15	2021-10-28 00:04:36 UTC	32.2834622	-107.7809204	9	4.5	Forb	CHAL11, Chamaesyce albomarginata, Annual Forb	Forb	CHAL11, Chamaesyce albomarginata, Annual Forb
R15	2021-10-28 00:04:43 UTC	32.2834767	-107.7809152	10	5	Bare Ground		Bare Ground	
R15	2021-10-28 00:04:55 UTC	32.2834758	-107.7809161	11	5.5	Bare Ground		Bare Ground	
R15	2021-10-28 00:05:18 UTC	32.2834836	-107.7809108	12	6	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid	Forb	BOCO2, Boerhavia coulteri, Annual Forb
R15	2021-10-28 00:05:30 UTC	32.2834961	-107.7809108	13	6.5	Forb	SATR12, Salsola tragus, Annual Forb	Forb	SATR12, Salsola tragus, Annual Forb
R15	2021-10-28 00:05:43 UTC	32.2834934	-107.7809083	14	7	Forb	TILA2, Tidestromia lanuginosa, Annual forb	Forb	TILA2, Tidestromia lanuginosa, Annual forb
R15	2021-10-28 00:05:49 UTC	32.2834945	-107.7809112	15	7.5	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid	Bare Ground	
R15	2021-10-28 00:05:56 UTC	32.283495	-107.7809114	16	8	Bare Ground		Bare Ground	
R15	2021-10-28 00:06:07 UTC	32.2834934	-107.7809174	17	8.5	Forb	TILA2, Tidestromia lanuginosa, Annual forb	Forb	TILA2, Tidestromia lanuginosa, Annual forb
R15	2021-10-28 00:06:22 UTC	32.2835145	-107.7809008	18	9	Forb	TILA2, Tidestromia lanuginosa, Annual forb	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid
R15	2021-10-28 00:06:38 UTC	32.2835148	-107.7808995	19	9.5	Bare Ground		Bare Ground	
R15	2021-10-28 00:06:42 UTC	32.2835169	-107.7808983	20	10	Bare Ground		Bare Ground	
R15	2021-10-28 00:07:04 UTC	32.2835269	-107.7808943	21	10.5	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid
R15	2021-10-28 00:07:18 UTC	32.2835404	-107.7808995	22	11	Forb	TILA2, Tidestromia lanuginosa, Annual forb	Forb	BOCO2, Boerhavia coulteri, Annual Forb
R15	2021-10-28 00:07:20 UTC	32.2835393	-107.7809035	23	11.5	Bare Ground		Bare Ground	
R15	2021-10-28 00:07:49 UTC	32.2835393	-107.7809035	24	12	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid	Forb	BOCO2, Boerhavia coulteri, Annual Forb
R15	2021-10-28 00:07:58 UTC	32.2835504	-107.7809044	25	12.5	Forb	BOCO2, Boerhavia coulteri, Annual Forb	Bare Ground	
R15	2021-10-28 00:08:00 UTC	32.2835499	-107.7809048	26	13	Bare Ground		Bare Ground	
R15	2021-10-28 00:08:13 UTC	32.2835499	-107.7809048	27	13.5	Forb	TILA2, Tidestromia lanuginosa, Annual forb	Forb	TILA2, Tidestromia lanuginosa, Annual forb
R15	2021-10-28 00:08:15 UTC	32.2835496	-107.7809016	28	14	Bare Ground		Bare Ground	
R15	2021-10-28 00:08:23 UTC	32.2835496	-107.7809018	29	14.5	Bare Ground		Bare Ground	
R15	2021-10-28 00:08:33 UTC	32.283559	-107.7809	30	15	Bare Ground		Bare Ground	
R15	2021-10-28 00:08:40 UTC	32.283568	-107.7808994	31	15.5			Bare Ground	
R15	2021-10-28 00:09:01 UTC	32.2835682	-107.7808987	32	16	Forb	TILA2, Tidestromia lanuginosa, Annual forb	Forb	POPI3, Portulaca pilosa, Annual Forb
R15	2021-10-28 00:09:22 UTC	32.2835844	-107.7808995	33	16.5	Forb	BOCO2, Boerhavia coulteri, Annual Forb	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid
R15	2021-10-28 00:09:41 UTC	32.2835849	-107.7809004	34	17	Grass	DAPU7, Dasyochloa pulchella, Perennial Graminoid	Litter	
R15	2021-10-28 00:09:57 UTC	32.2835966	-107.7808903	35	17.5	Forb	BOCO2, Boerhavia coulteri, Annual Forb	Forb	BOCO2, Boerhavia coulteri, Annual Forb
R15	2021-10-28 00:10:17 UTC	32.2835952	-107.7808909	36	18	Forb	TILA2, Tidestromia lanuginosa, Annual forb	Forb	TILA2, Tidestromia lanuginosa, Annual forb
R15	2021-10-28 00:10:27 UTC	32.283599	-107.7808927	37	18.5	Bare Ground		Bare Ground	
R15	2021-10-28 00:10:35 UTC	32.2836001	-107.780893	38	19	Forb	TILA2, Tidestromia lanuginosa, Annual forb	Bare Ground	

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R15	2021-10-28 00:10:58 UTC	32.2836057	-107.7808936	39	19.5	Forb	TILA2, Tidestromia lanuginosa, Annual forb	Bare Ground	
R15	2021-10-28 00:11:11 UTC	32.2836181	-107.7808965	40	20	Forb	SATR12, Salsola tragus, Annual Forb	Forb	SATR12, Salsola tragus, Annual Forb
R15	2021-10-28 00:11:13 UTC	32.2836183	-107.780901	41	20.5	Bare Ground		Bare Ground	
R15	2021-10-28 00:11:16 UTC	32.2836184	-107.7809013	42	21	Bare Ground		Bare Ground	
R15	2021-10-28 00:11:21 UTC	32.2836184	-107.780902	43	21.5	Bare Ground		Bare Ground	
R15	2021-10-28 00:11:31 UTC	32.2836223	-107.7808996	44	22	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid	Bare Ground	
R15	2021-10-28 00:11:41 UTC	32.283628	-107.7808952	45	22.5	Bare Ground		Bare Ground	
R15	2021-10-28 00:11:44 UTC	32.2836346	-107.7809017	46	23	Bare Ground		Bare Ground	
R15	2021-10-28 00:11:53 UTC	32.2836363	-107.7809027	47	23.5	Forb	SATR12, Salsola tragus, Annual Forb	Bare Ground	
R15	2021-10-28 00:11:57 UTC	32.2836427	-107.7808968	48	24	Bare Ground		Bare Ground	
R15	2021-10-28 00:12:06 UTC	32.2836449	-107.7808967	49	24.5	Bare Ground		Bare Ground	
R15	2021-10-28 00:12:25 UTC	32.2836486	-107.7808921	50	25	Forb	SATR12, Salsola tragus, Annual Forb	Forb	BOCO2, Boerhavia coulteri, Annual Forb
R15	2021-10-28 00:12:27 UTC	32.2836579	-107.7808918	51	25.5	Bare Ground		Bare Ground	
R15	2021-10-28 00:12:34 UTC	32.2836585	-107.7808914	52	26	Forb	AMAC, Amaranthus acanthochiton, Annual Forb	Bare Ground	
R15	2021-10-28 00:12:50 UTC	32.2836604	-107.7808886	53	26.5	Forb	AMAC, Amaranthus acanthochiton, Annual Forb	Bare Ground	
R15	2021-10-28 00:12:58 UTC	32.2836684	-107.7808898	54	27	Forb	POPI3, Portulaca pilosa, Annual Forb	Bare Ground	
R15	2021-10-28 00:13:00 UTC	32.2836724	-107.7808901	55	27.5	Bare Ground		Bare Ground	
R15	2021-10-28 00:13:31 UTC	32.2836739	-107.7808895	56	28	Forb	BOCO2, Boerhavia coulteri, Annual Forb	Bare Ground	
R15	2021-10-28 00:13:38 UTC	32.283684	-107.7808884	57	28.5	Litter		Litter	
R15	2021-10-28 00:13:44 UTC	32.283685	-107.7808855	58	29	Litter		Litter	
R15	2021-10-28 00:13:46 UTC	32.283686	-107.7808877	59	29.5	Bare Ground		Bare Ground	
R15	2021-10-28 00:14:06 UTC	32.283687	-107.7808878	60	30	Forb	AMAC, Amaranthus acanthochiton, Annual Forb	Bare Ground	
R15	2021-10-28 00:14:08 UTC	32.2837016	-107.7808849	61	30.5	Bare Ground		Bare Ground	
R15	2021-10-28 00:14:09 UTC	32.2837019	-107.7808848	62	31	Bare Ground		Bare Ground	
R15	2021-10-28 00:14:14 UTC	32.2837019	-107.7808845	63	31.5	Bare Ground		Bare Ground	
R15	2021-10-28 00:14:31 UTC	32.2837095	-107.7808865	64	32	Forb	AMAC, Amaranthus acanthochiton, Annual Forb	Bare Ground	
R15	2021-10-28 00:14:42 UTC	32.2837085	-107.7808834	65	32.5	Forb	BOCO2, Boerhavia coulteri, Annual Forb	Bare Ground	
R15	2021-10-28 00:14:58 UTC	32.2837088	-107.7808832	66	33	Bare Ground		Bare Ground	
R15	2021-10-28 00:15:00 UTC	32.2837301	-107.7808749	67	33.5	Bare Ground		Bare Ground	
R15	2021-10-28 00:15:02 UTC	32.283731	-107.780874	68	34	Bare Ground		Bare Ground	
R15	2021-10-28 00:15:04 UTC	32.283732	-107.7808739	69	34.5	Bare Ground		Bare Ground	
R15	2021-10-28 00:15:10 UTC	32.2837328	-107.780874	70	35	Litter		Litter	
R15	2021-10-28 00:15:15 UTC	32.2837407	-107.7808727	71	35.5	Litter		Litter	
R15	2021-10-28 00:15:18 UTC	32.2837429	-107.7808792	72	36	Litter		Litter	
R15	2021-10-28 00:15:20 UTC	32.2837481	-107.7808844	73	36.5	Bare Ground		Bare Ground	
R15	2021-10-28 00:15:24 UTC	32.2837472	-107.7808854	74	37	Bare Ground		Bare Ground	
R15	2021-10-28 00:15:26 UTC	32.2837469	-107.7808888	75	37.5	Bare Ground		Bare Ground	
R15	2021-10-28 00:15:36 UTC	32.2837477	-107.780891	76	38	Forb	AMAC, Amaranthus acanthochiton, Annual Forb	Bare Ground	
R15	2021-10-28 00:15:52 UTC	32.2837615	-107.7808983	77	38.5	Forb	SATR12, Salsola tragus, Annual Forb	Forb	AMAC, Amaranthus acanthochiton, Annual Forb
R15	2021-10-28 00:16:08 UTC	32.2837754	-107.7808916	78	39	Forb	BOCO2, Boerhavia coulteri, Annual Forb	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid
R15	2021-10-28 00:16:12 UTC	32.2837876	-107.7808836	79	39.5	Bare Ground		Bare Ground	
R15	2021-10-28 00:16:20 UTC	32.283786	-107.780887	80	40	Forb	AMAC, Amaranthus acanthochiton, Annual Forb	Bare Ground	

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R15	2021-10-28 00:16:40 UTC	32.2837893	-107.7808843	81	40.5	Forb	AMAC, Amaranthus acanthochiton, Annual Forb	Grass	DAPU7, Dasyochloa pulchella, Perennial Graminoid
R15	2021-10-28 00:18:30 UTC	32.283798	-107.7808879	82	41	Forb	AMAC, Amaranthus acanthochiton, Annual Forb	Forb	AMPA, Amaranthus palmeri, Annual Forb
R15	2021-10-28 00:18:41 UTC	32.2838049	-107.7808826	83	41.5	Forb	POPI3, Portulaca pilosa, Annual Forb	Bare Ground	
R15	2021-10-28 00:18:44 UTC	32.2838031	-107.7808786	84	42	Bare Ground		Bare Ground	
R15	2021-10-28 00:18:49 UTC	32.2838031	-107.7808786	85	42.5	Bare Ground		Bare Ground	
R15	2021-10-28 00:18:58 UTC	32.283805	-107.7808772	86	43	Grass	DAPU7, Dasyochloa pulchella, Perennial Graminoid	Bare Ground	
R15	2021-10-28 00:19:01 UTC	32.2838138	-107.780877	87	43.5	Bare Ground		Bare Ground	
R15	2021-10-28 00:19:03 UTC	32.283815	-107.780877	88	44	Bare Ground		Bare Ground	
R15	2021-10-28 00:19:06 UTC	32.2838168	-107.7808767	89	44.5	Bare Ground		Bare Ground	
R15	2021-10-28 00:19:15 UTC	32.2838208	-107.7808767	90	45	Forb	AMAC, Amaranthus acanthochiton, Annual Forb	Bare Ground	
R15	2021-10-28 00:19:21 UTC	32.2838344	-107.7808773	91	45.5	Litter		Litter	
R15	2021-10-28 00:19:25 UTC	32.2838392	-107.7808724	92	46	Litter		Litter	
R15	2021-10-28 00:19:30 UTC	32.283837	-107.7808774	93	46.5	Litter		Litter	
R15	2021-10-28 00:19:52 UTC	32.2838425	-107.7808741	94	47	Forb	AMAC, Amaranthus acanthochiton, Annual Forb	Forb	AMAC, Amaranthus acanthochiton, Annual Forb
R15	2021-10-28 00:19:55 UTC	32.2838632	-107.7808894	95	47.5	Bare Ground		Bare Ground	
R15	2021-10-28 00:19:59 UTC	32.2838636	-107.7808889	96	48	Bare Ground		Bare Ground	
R15	2021-10-28 00:20:05 UTC	32.283865	-107.780886	97	48.5	Litter		Litter	
R15	2021-10-28 00:20:16 UTC	32.2838689	-107.7808839	98	49	Forb	AMPA, Amaranthus palmeri, Annual Forb	Bare Ground	
R15	2021-10-28 00:20:18 UTC	32.2838766	-107.7808855	99	49.5	Bare Ground		Bare Ground	
R15	2021-10-28 00:20:38 UTC	32.2838774	-107.7808857	100	50	Forb	AMAC, Amaranthus acanthochiton, Annual Forb	Forb	AMAC, Amaranthus acanthochiton, Annual Forb
R14	2021-10-27 23:35:53 UTC	32.2835931	-107.7807035	1	0.5	Bare Ground		Bare Ground	
R14	2021-10-27 23:36:03 UTC	32.2833304	-107.7806673	2	1	Forb	TILA2, Tidestromia lanuginosa, Annual forb	Bare Ground	
R14	2021-10-27 23:36:05 UTC	32.2833424	-107.7806642	3	1.5	Bare Ground		Bare Ground	
R14	2021-10-27 23:36:24 UTC	32.2833438	-107.7806641	4	2	Forb	TILA2, Tidestromia lanuginosa, Annual forb	Forb	TILA2, Tidestromia lanuginosa, Annual forb
R14	2021-10-27 23:36:44 UTC	32.2833446	-107.7806606	5	2.5	Forb	POPI3, Portulaca pilosa, Annual Forb	Bare Ground	
R14	2021-10-27 23:36:54 UTC	32.28335	-107.7806563	6	3	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid	Bare Ground	
R14	2021-10-27 23:37:14 UTC	32.2833497	-107.7806507	7	3.5	Forb	PEAN, Pectis angustifolia, Annual Forb	Bare Ground	
R14	2021-10-27 23:37:17 UTC	32.2833511	-107.7806449	8	4	Bare Ground		Bare Ground	
R14	2021-10-27 23:37:26 UTC	32.2833528	-107.7806456	9	4.5	Bare Ground		Bare Ground	
R14	2021-10-27 23:37:35 UTC	32.2833553	-107.7806496	10	5	Forb	POPI3, Portulaca pilosa, Annual Forb	Bare Ground	
R14	2021-10-27 23:37:52 UTC	32.2833606	-107.7806498	11	5.5	Forb	POPI3, Portulaca pilosa, Annual Forb	Forb	BOCO2, Boerhavia coulteri, Annual Forb
R14	2021-10-27 23:37:54 UTC	32.2833711	-107.7806576	12	6	Bare Ground		Bare Ground	
R14	2021-10-27 23:37:56 UTC	32.2833711	-107.7806576	13	6.5	Bare Ground		Bare Ground	
R14	2021-10-27 23:38:13 UTC	32.283375	-107.7806584	14	7	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid	Bare Ground	
R14	2021-10-27 23:38:22 UTC	32.283384	-107.7806567	15	7.5	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid	Bare Ground	
R14	2021-10-27 23:38:26 UTC	32.2833828	-107.7806567	16	8	Bare Ground		Bare Ground	
R14	2021-10-27 23:38:32 UTC	32.2833823	-107.7806576	17	8.5	Bare Ground		Bare Ground	
R14	2021-10-27 23:38:55 UTC	32.2833847	-107.780658	18	9	Forb	POPI3, Portulaca pilosa, Annual Forb	Grass	DAPU7, Dasyochloa pulchella, Perennial Graminoid



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R14	2021-10-27 23:39:15 UTC	32.2833964	-107.7806553	19	9.5	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid	Forb	TILA2, Tidestromia lanuginosa, Annual forb
R14	2021-10-27 23:39:38 UTC	32.2833977	-107.7806557	20	10	Grass	DAPU7, Dasyochloa pulchella, Perennial Graminoid	Bare Ground	
R14	2021-10-27 23:39:58 UTC	32.2834122	-107.7806456	21	10.5	Forb	POPI3, Portulaca pilosa, Annual Forb	Bare Ground	
R14	2021-10-27 23:40:01 UTC	32.2834163	-107.7806464	22	11	Bare Ground		Bare Ground	
R14	2021-10-27 23:40:04 UTC	32.2834163	-107.7806464	23	11.5	Bare Ground		Bare Ground	
R14	2021-10-27 23:40:08 UTC	32.283418	-107.7806482	24	12	Bare Ground		Bare Ground	
R14	2021-10-27 23:40:23 UTC	32.2834235	-107.7806535	25	12.5	Forb	TILA2, Tidestromia lanuginosa, Annual forb	Forb	TILA2, Tidestromia lanuginosa, Annual forb
R14	2021-10-27 23:40:38 UTC	32.2834301	-107.7806562	26	13	Forb	BOCO2, Boerhavia coulteri, Annual Forb	Bare Ground	
R14	2021-10-27 23:40:39 UTC	32.2834361	-107.7806518	27	13.5	Bare Ground		Bare Ground	
R14	2021-10-27 23:40:41 UTC	32.2834361	-107.7806518	28	14	Bare Ground		Bare Ground	
R14	2021-10-27 23:40:45 UTC	32.283438	-107.7806524	29	14.5	Bare Ground		Bare Ground	
R14	2021-10-27 23:40:58 UTC	32.2834369	-107.7806493	30	15	Bare Ground		Bare Ground	
R14	2021-10-27 23:41:23 UTC	32.2834462	-107.7806445	31	15.5	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid
R14	2021-10-27 23:41:36 UTC	32.2834544	-107.7806467	32	16	Forb	POPI3, Portulaca pilosa, Annual Forb	Forb	TILA2, Tidestromia lanuginosa, Annual forb
R14	2021-10-27 23:41:41 UTC	32.2834551	-107.7806466	33	16.5	Bare Ground		Bare Ground	
R14	2021-10-27 23:41:44 UTC	32.2834588	-107.7806469	34	17	Bare Ground		Bare Ground	
R14	2021-10-27 23:41:52 UTC	32.2834659	-107.7806456	35	17.5	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid	Bare Ground	
R14	2021-10-27 23:41:55 UTC	32.2834745	-107.7806543	36	18	Bare Ground		Bare Ground	
R14	2021-10-27 23:42:08 UTC	32.2834722	-107.7806545	37	18.5	Forb	POPI3, Portulaca pilosa, Annual Forb	Bare Ground	
R14	2021-10-27 23:42:14 UTC	32.2834795	-107.7806541	38	19	Bare Ground		Bare Ground	
R14	2021-10-27 23:42:26 UTC	32.2834823	-107.7806525	39	19.5	Forb	DIWI2, Dimorphocarpa wislizeni, Annual/Biennial/Perennial Forb	Bare Ground	
R14	2021-10-27 23:42:36 UTC	32.2834951	-107.7806544	40	20	Forb	POPI3, Portulaca pilosa, Annual Forb	Bare Ground	
R14	2021-10-27 23:42:44 UTC	32.2835012	-107.7806598	41	20.5	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid	Bare Ground	
R14	2021-10-27 23:42:49 UTC	32.2835082	-107.78066	42	21	Bare Ground		Bare Ground	
R14	2021-10-27 23:42:56 UTC	32.2835152	-107.7806591	43	21.5	Bare Ground		Bare Ground	
R14	2021-10-27 23:43:02 UTC	32.2835188	-107.7806553	44	22	Bare Ground		Bare Ground	
R14	2021-10-27 23:43:06 UTC	32.2835165	-107.7806556	45	22.5	Bare Ground		Bare Ground	
R14	2021-10-27 23:43:17 UTC	32.283522	-107.7806566	46	23	Forb	BOCO2, Boerhavia coulteri, Annual Forb	Bare Ground	
R14	2021-10-27 23:43:31 UTC	32.2835356	-107.7806561	47	23.5	Forb	TILA2, Tidestromia lanuginosa, Annual forb	Forb	POPI3, Portulaca pilosa, Annual Forb
R14	2021-10-27 23:43:33 UTC	32.2835417	-107.7806554	48	24	Bare Ground		Bare Ground	
R14	2021-10-27 23:43:36 UTC	32.2835417	-107.7806554	49	24.5	Bare Ground		Bare Ground	
R14	2021-10-27 23:43:51 UTC	32.2835431	-107.780651	50	25	Bare Ground		Bare Ground	
R14	2021-10-27 23:44:10 UTC	32.2835546	-107.7806544	51	25.5	Forb	POPI3, Portulaca pilosa, Annual Forb	Forb	POPI3, Portulaca pilosa, Annual Forb
R14	2021-10-27 23:44:11 UTC	32.2835577	-107.7806588	52	26	Bare Ground		Bare Ground	
R14	2021-10-27 23:44:14 UTC	32.2835577	-107.7806588	53	26.5	Bare Ground		Bare Ground	
R14	2021-10-27 23:44:16 UTC	32.2835583	-107.7806582	54	27	Bare Ground		Bare Ground	
R14	2021-10-27 23:44:32 UTC	32.2835583	-107.7806575	55	27.5	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid
R14	2021-10-27 23:44:46 UTC	32.2835625	-107.7806571	56	28	Forb	TILA2, Tidestromia lanuginosa, Annual forb	Forb	POPI3, Portulaca pilosa, Annual Forb
R14	2021-10-27 23:44:48 UTC	32.2835631	-107.7806552	57	28.5	Bare Ground		Bare Ground	
R14	2021-10-27 23:44:53 UTC	32.2835631	-107.7806552	58	29	Bare Ground		Bare Ground	

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R14	2021-10-27 23:44:56 UTC	32.2835667	-107.7806594	59	29.5	Bare Ground		Bare Ground	
R14	2021-10-27 23:45:02 UTC	32.2835721	-107.7806626	60	30	Bare Ground		Bare Ground	
R14	2021-10-27 23:45:10 UTC	32.2835824	-107.7806557	61	30.5	Bare Ground		Bare Ground	
R14	2021-10-27 23:45:16 UTC	32.2835954	-107.7806529	62	31	Bare Ground		Bare Ground	
R14	2021-10-27 23:45:18 UTC	32.2835997	-107.7806539	63	31.5	Bare Ground		Bare Ground	
R14	2021-10-27 23:45:31 UTC	32.2836017	-107.7806541	64	32	Forb	POPI3, Portulaca pilosa, Annual Forb	Forb	POPI3, Portulaca pilosa, Annual Forb
R14	2021-10-27 23:45:47 UTC	32.2836048	-107.7806549	65	32.5	Forb	TILA2, Tidestromia lanuginosa, Annual forb	Forb	TILA2, Tidestromia lanuginosa, Annual forb
R14	2021-10-27 23:45:49 UTC	32.283605	-107.7806549	66	33	Bare Ground		Bare Ground	
R14	2021-10-27 23:46:05 UTC	32.2836051	-107.7806549	67	33.5	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid	Bare Ground	
R14	2021-10-27 23:46:08 UTC	32.2836207	-107.7806588	68	34	Bare Ground		Bare Ground	
R14	2021-10-27 23:46:19 UTC	32.2836216	-107.7806595	69	34.5	Forb	CHAL11, Chamaesyce albomarginata, Annual Forb	Bare Ground	
R14	2021-10-27 23:46:48 UTC	32.283622	-107.780658	70	35	Forb	BOCO2, Boerhavia coulteri, Annual Forb	Forb	BOCO2, Boerhavia coulteri, Annual Forb
R14	2021-10-27 23:46:53 UTC	32.2836388	-107.7806526	71	35.5	Bare Ground		Bare Ground	
R14	2021-10-27 23:47:02 UTC	32.2836391	-107.7806519	72	36	Forb	POPI3, Portulaca pilosa, Annual Forb	Bare Ground	
R14	2021-10-27 23:47:10 UTC	32.283639	-107.7806519	73	36.5	Bare Ground		Bare Ground	
R14	2021-10-27 23:47:20 UTC	32.2836399	-107.7806528	74	37	Bare Ground		Bare Ground	
R14	2021-10-27 23:47:36 UTC	32.2836468	-107.780657	75	37.5	Forb	TILA2, Tidestromia lanuginosa, Annual forb	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid
R14	2021-10-27 23:47:42 UTC	32.2836548	-107.7806635	76	38	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid	Bare Ground	
R14	2021-10-27 23:47:45 UTC	32.2836568	-107.7806626	77	38.5	Bare Ground		Bare Ground	
R14	2021-10-27 23:47:59 UTC	32.283657	-107.7806627	78	39	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid	Bare Ground	
R14	2021-10-27 23:48:10 UTC	32.2836711	-107.7806616	79	39.5	Forb	TILA2, Tidestromia lanuginosa, Annual forb	Bare Ground	
R14	2021-10-27 23:48:11 UTC	32.2836792	-107.7806644	80	40	Bare Ground		Bare Ground	
R14	2021-10-27 23:48:26 UTC	32.2836792	-107.7806645	81	40.5	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid
R14	2021-10-27 23:48:52 UTC	32.2836891	-107.7806597	82	41	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid
R14	2021-10-27 23:48:57 UTC	32.2837019	-107.7806619	83	41.5	Bare Ground		Bare Ground	
R14	2021-10-27 23:49:05 UTC	32.2837026	-107.7806613	84	42	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid	Bare Ground	
R14	2021-10-27 23:49:10 UTC	32.2837052	-107.7806613	85	42.5	Bare Ground		Bare Ground	
R14	2021-10-27 23:49:13 UTC	32.2837064	-107.7806613	86	43	Bare Ground		Bare Ground	
R14	2021-10-27 23:49:21 UTC	32.2837068	-107.7806609	87	43.5	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid	Bare Ground	
R14	2021-10-27 23:49:25 UTC	32.2837133	-107.7806488	88	44	Bare Ground		Bare Ground	
R14	2021-10-27 23:49:34 UTC	32.2837154	-107.7806481	89	44.5	Bare Ground		Bare Ground	
R14	2021-10-27 23:49:41 UTC	32.283724	-107.7806542	90	45	Bare Ground		Bare Ground	
R14	2021-10-27 23:49:49 UTC	32.2837331	-107.780654	91	45.5	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid	Bare Ground	
R14	2021-10-27 23:50:03 UTC	32.2837314	-107.780657	92	46	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid	Forb	POPI3, Portulaca pilosa, Annual Forb
R14	2021-10-27 23:50:06 UTC	32.2837357	-107.7806663	93	46.5	Bare Ground		Bare Ground	
R14	2021-10-27 23:50:25 UTC	32.2837358	-107.7806667	94	47	Forb	SATR12, Salsola tragus, Annual Forb	Forb	BOCO2, Boerhavia coulteri, Annual Forb
R14	2021-10-27 23:50:32 UTC	32.2837391	-107.7806626	95	47.5	Forb	BOCO2, Boerhavia coulteri, Annual Forb	Bare Ground	
R14	2021-10-27 23:50:38 UTC	32.2837509	-107.7806569	96	48	Bare Ground		Bare Ground	

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R14	2021-10-27 23:50:42 UTC	32.2837493	-107.7806572	97	48.5	Bare Ground		Bare Ground	
R14	2021-10-27 23:51:10 UTC	32.2837542	-107.7806589	98	49	Forb	AMAC, Amaranthus acanthochiton, Annual Forb	Bare Ground	
R14	2021-10-27 23:51:13 UTC	32.2837709	-107.7806539	99	49.5	Bare Ground		Bare Ground	
R14	2021-10-27 23:51:15 UTC	32.2837711	-107.7806538	100	50	Bare Ground		Bare Ground	
R13	2021-10-27 23:05:55 UTC	32.2833274	-107.780801	1	0.5	Bare Ground		Bare Ground	
R13	2021-10-27 23:05:56 UTC	32.2833432	-107.7808329	2	1	Bare Ground		Bare Ground	
R13	2021-10-27 23:06:06 UTC	32.2833447	-107.7808253	3	1.5	Forb	DIWI2, Dimorphocarpa wislizeni, Annual/Biennial/Perenn ial Forb	Bare Ground	
R13	2021-10-27 23:06:24 UTC	32.2833556	-107.7808126	4	2	Forb	DIWI2, Dimorphocarpa wislizeni, Annual/Biennial/Perenn ial Forb	Forb	SATR12, Salsola tragus, Annual Forb
R13	2021-10-27 23:06:25 UTC	32.2833778	-107.7807978	5	2.5	Bare Ground		Bare Ground	
R13	2021-10-27 23:06:27 UTC	32.2833778	-107.7807978	6	3	Bare Ground		Bare Ground	
R13	2021-10-27 23:06:29 UTC	32.2833781	-107.7807977	7	3.5	Bare Ground		Bare Ground	
R13	2021-10-27 23:06:41 UTC	32.2833781	-107.7807977	8	4	Forb	TILA2, Tidestromia lanuginosa, Annual forb		
R13	2021-10-27 23:06:42 UTC	32.2833829	-107.7808037	9	4.5	Bare Ground		Bare Ground	
R13	2021-10-27 23:06:50 UTC	32.283383	-107.7808037	10	5	Forb	TILA2, Tidestromia lanuginosa, Annual forb	Bare Ground	
R13	2021-10-27 23:07:05 UTC	32.2833937	-107.7808019	11	5.5	Forb	TILA2, Tidestromia lanuginosa, Annual forb	Grass	BOAR, Bouteloua aristoides, Annual Graminoid
R13	2021-10-27 23:07:06 UTC	32.2834027	-107.7807991	12	6	Bare Ground		Bare Ground	
R13	2021-10-27 23:07:08 UTC	32.2834027	-107.7807991	13	6.5	Bare Ground		Bare Ground	
R13	2021-10-27 23:07:44 UTC	32.2834027	-107.780799	14	7	Grass	DAPU7, Dasyochloa pulchella, Perennial Graminoid	Grass	DAPU7, Dasyochloa pulchella, Perennial Graminoid
R13	2021-10-27 23:07:58 UTC	32.283422	-107.7807893	15	7.5	Forb	SATR12, Salsola tragus, Annual Forb	Forb	SATR12, Salsola tragus, Annual Forb
R13	2021-10-27 23:08:13 UTC	32.283417	-107.7807926	16	8	Forb	TILA2, Tidestromia lanuginosa, Annual forb	Grass	BOAR, Bouteloua aristoides, Annual Graminoid
R13	2021-10-27 23:08:15 UTC	32.2834148	-107.7807942	17	8.5	Bare Ground		Bare Ground	
R13	2021-10-27 23:08:55 UTC	32.2834148	-107.7807942	18	9	Forb	TILA2, Tidestromia lanuginosa, Annual forb	Forb	POPI3, Portulaca pilosa, Annual Forb
R13	2021-10-27 23:08:58 UTC	32.2834305	-107.7807873	19	9.5	Bare Ground		Bare Ground	
R13	2021-10-27 23:10:43 UTC	32.2834289	-107.7807948	20	10	Grass	BOAR, Bouteloua aristoides, Annual Graminoid	Grass	BOAR, Bouteloua aristoides, Annual Graminoid
R13	2021-10-27 23:10:45 UTC	32.2834342	-107.7808008	21	10.5	Bare Ground		Bare Ground	
R13	2021-10-27 23:10:46 UTC	32.2834342	-107.7808008	22	11	Bare Ground		Bare Ground	
R13	2021-10-27 23:10:49 UTC	32.2834342	-107.7808008	23	11.5	Bare Ground		Bare Ground	
R13	2021-10-27 23:10:53 UTC	32.2834374	-107.7807978	24	12	Bare Ground		Bare Ground	
R13	2021-10-27 23:10:55 UTC	32.2834392	-107.7808021	25	12.5	Bare Ground		Bare Ground	
R13	2021-10-27 23:11:21 UTC	32.2834404	-107.7808012	26	13	Grass	DAPU7, Dasyochloa pulchella, Perennial Graminoid	Grass	BOAR, Bouteloua aristoides, Annual Graminoid
R13	2021-10-27 23:11:23 UTC	32.2834619	-107.7807977	27	13.5	Bare Ground		Bare Ground	
R13	2021-10-27 23:11:47 UTC	32.2834605	-107.7807984	28	14	Forb	POPI3, Portulaca pilosa, Annual Forb	Grass	BOAR, Bouteloua aristoides, Annual Graminoid
R13	2021-10-27 23:12:12 UTC	32.2834772	-107.7807976	29	14.5	Grass	BOAR, Bouteloua aristoides, Annual Graminoid	Forb	BOCO2, Boerhavia coulteri, Annual Forb
R13	2021-10-27 23:12:15 UTC	32.283479	-107.7807997	30	15	Bare Ground		Bare Ground	
R13	2021-10-27 23:12:18 UTC	32.2834804	-107.7807973	31	15.5	Bare Ground		Bare Ground	
R13	2021-10-27 23:12:21 UTC	32.2834804	-107.7807957	32	16	Bare Ground		Bare Ground	
R13	2021-10-27 23:12:49 UTC	32.2834851	-107.7807976	33	16.5	Forb	BOCO2, Boerhavia coulteri, Annual Forb	Bare Ground	
R13	2021-10-27 23:12:52 UTC	32.2835023	-107.7808066	34	17	Bare Ground		Bare Ground	

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R13	2021-10-27 23:13:00 UTC	32.2835026	-107.7808064	35	17.5	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid	Bare Ground	
R13	2021-10-27 23:13:19 UTC	32.2835015	-107.7808056	36	18	Forb	AF#4, Annual Forb, Annual Forb	Forb	AF#4, Annual Forb, Annual Forb
R13	2021-10-27 23:13:49 UTC	32.283515	-107.7808006	37	18.5	Grass	BOBA2, Bouteloua barbata, Annual Graminoid	Bare Ground	
R13	2021-10-27 23:14:05 UTC	32.2835158	-107.7807958	38	19	Forb	POPI3, Portulaca pilosa, Annual Forb	Bare Ground	
R13	2021-10-27 23:14:13 UTC	32.2835187	-107.7807928	39	19.5	Forb	TILA2, Tidestromia lanuginosa, Annual forb	Bare Ground	
R13	2021-10-27 23:14:24 UTC	32.2835185	-107.7807928	40	20	Forb	POPI3, Portulaca pilosa, Annual Forb	Bare Ground	
R13	2021-10-27 23:14:37 UTC	32.2835216	-107.780798	41	20.5	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid	Bare Ground	
R13	2021-10-27 23:14:51 UTC	32.2835289	-107.7807999	42	21	Forb	TILA2, Tidestromia lanuginosa, Annual forb	Bare Ground	
R13	2021-10-27 23:14:55 UTC	32.2835295	-107.7808012	43	21.5	Bare Ground		Bare Ground	
R13	2021-10-27 23:15:03 UTC	32.2835294	-107.7808003	44	22	Bare Ground		Bare Ground	
R13	2021-10-27 23:15:13 UTC	32.2835312	-107.7808005	45	22.5	Forb	POPI3, Portulaca pilosa, Annual Forb	Bare Ground	
R13	2021-10-27 23:15:18 UTC	32.2835377	-107.7808003	46	23	Bare Ground		Bare Ground	
R13	2021-10-27 23:15:41 UTC	32.2835449	-107.7807981	47	23.5	Forb	POPI3, Portulaca pilosa, Annual Forb	Bare Ground	
R13	2021-10-27 23:15:51 UTC	32.2835599	-107.7808005	48	24	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid	Litter	
R13	2021-10-27 23:16:09 UTC	32.2835589	-107.7808033	49	24.5	Forb	SATR12, Salsola tragus, Annual Forb	Litter	
R13	2021-10-27 23:16:13 UTC	32.2835703	-107.7808012	50	25	Bare Ground		Bare Ground	
R13	2021-10-27 23:16:14 UTC	32.2835708	-107.7808017	51	25.5	Bare Ground		Bare Ground	
R13	2021-10-27 23:16:32 UTC	32.2835709	-107.7808018	52	26	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid
R13	2021-10-27 23:16:36 UTC	32.2835854	-107.780805	53	26.5	Bare Ground		Bare Ground	
R13	2021-10-27 23:16:40 UTC	32.2835849	-107.780806	54	27	Bare Ground		Bare Ground	
R13	2021-10-27 23:16:45 UTC	32.2835852	-107.7808063	55	27.5	Bare Ground		Bare Ground	
R13	2021-10-27 23:16:48 UTC	32.283591	-107.7808137	56	28	Bare Ground		Bare Ground	
R13	2021-10-27 23:17:00 UTC	32.2835938	-107.7808155	57	28.5	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid	Bare Ground	
R13	2021-10-27 23:17:15 UTC	32.2835978	-107.7808153	58	29	Forb	SATR12, Salsola tragus, Annual Forb	Forb	TILA2, Tidestromia lanuginosa, Annual forb
R13	2021-10-27 23:17:21 UTC	32.2836057	-107.7808115	59	29.5	Bare Ground		Bare Ground	
R13	2021-10-27 23:17:27 UTC	32.2836062	-107.780812	60	30	Litter		Litter	
R13	2021-10-27 23:17:32 UTC	32.2836083	-107.780814	61	30.5	Litter		Litter	
R13	2021-10-27 23:17:35 UTC	32.2836118	-107.7808118	62	31	Bare Ground		Bare Ground	
R13	2021-10-27 23:17:43 UTC	32.2836131	-107.7808125	63	31.5	Forb	TILA2, Tidestromia lanuginosa, Annual forb	Bare Ground	
R13	2021-10-27 23:17:54 UTC	32.2836183	-107.7808172	64	32	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid	Bare Ground	
R13	2021-10-27 23:18:00 UTC	32.2836217	-107.7808137	65	32.5	Bare Ground		Bare Ground	
R13	2021-10-27 23:18:11 UTC	32.2836232	-107.7808152	66	33	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid	Bare Ground	
R13	2021-10-27 23:18:16 UTC	32.2836395	-107.7808158	67	33.5	Litter		Litter	
R13	2021-10-27 23:18:22 UTC	32.2836392	-107.7808153	68	34	Bare Ground		Bare Ground	
R13	2021-10-27 23:18:32 UTC	32.2836462	-107.7808142	69	34.5	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid	Bare Ground	
R13	2021-10-27 23:18:34 UTC	32.283652	-107.7808097	70	35	Bare Ground		Bare Ground	

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R13	2021-10-27 23:18:49 UTC	32.2836534	-107.7808093	71	35.5	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid	Bare Ground	
R13	2021-10-27 23:19:00 UTC	32.28367	-107.780808	72	36	Bare Ground		Bare Ground	
R13	2021-10-27 23:19:03 UTC	32.2836697	-107.7808076	73	36.5	Bare Ground		Bare Ground	
R13	2021-10-27 23:19:28 UTC	32.2836694	-107.7808067	74	37	Forb	TILA2, Tidestromia lanuginosa, Annual forb	Forb	BOCO2, Boerhavia coulteri, Annual Forb
R13	2021-10-27 23:19:33 UTC	32.2836864	-107.7808258	75	37.5	Bare Ground		Bare Ground	
R13	2021-10-27 23:19:37 UTC	32.2836888	-107.7808259	76	38	Bare Ground		Bare Ground	
R13	2021-10-27 23:19:44 UTC	32.2836881	-107.7808242	77	38.5	Litter		Litter	
R13	2021-10-27 23:19:55 UTC	32.28369	-107.7808216	78	39	Forb	POPI3, Portulaca pilosa, Annual Forb	Bare Ground	
R13	2021-10-27 23:20:09 UTC	32.2836923	-107.7808148	79	39.5	Bare Ground		Bare Ground	
R13	2021-10-27 23:20:21 UTC	32.2836948	-107.7808141	80	40	Forb	SATR12, Salsola tragus, Annual Forb	Bare Ground	
R13	2021-10-27 23:20:23 UTC	32.2837078	-107.7808099	81	40.5	Bare Ground		Bare Ground	
R13	2021-10-27 23:20:26 UTC	32.2837114	-107.7808096	82	41	Bare Ground		Bare Ground	
R13	2021-10-27 23:20:30 UTC	32.2837129	-107.7808086	83	41.5	Bare Ground		Bare Ground	
R13	2021-10-27 23:21:13 UTC	32.2837117	-107.7808089	84	42	Forb	POPI3, Portulaca pilosa, Annual Forb	Forb	BOCO2, Boerhavia coulteri, Annual Forb
R13	2021-10-27 23:21:14 UTC	32.2837366	-107.7808078	85	42.5	Bare Ground		Bare Ground	
R13	2021-10-27 23:21:23 UTC	32.2837366	-107.7808076	86	43	Bare Ground		Bare Ground	
R13	2021-10-27 23:21:28 UTC	32.2837295	-107.7808169	87	43.5	Bare Ground		Bare Ground	
R13	2021-10-27 23:21:31 UTC	32.2837242	-107.7808177	88	44	Bare Ground		Bare Ground	
R13	2021-10-27 23:21:33 UTC	32.2837274	-107.7808169	89	44.5	Bare Ground		Bare Ground	
R13	2021-10-27 23:21:44 UTC	32.2837279	-107.780816	90	45	Forb	BOCO2, Boerhavia coulteri, Annual Forb	Bare Ground	
R13	2021-10-27 23:21:52 UTC	32.2837343	-107.7808326	91	45.5	Bare Ground		Bare Ground	
R13	2021-10-27 23:22:10 UTC	32.28374	-107.7808288	92	46	Forb	AMAC, Amaranthus acanthochiton, Annual Forb	Bare Ground	
R13	2021-10-27 23:22:18 UTC	32.2837598	-107.7808186	93	46.5	Forb	BOCO2, Boerhavia coulteri, Annual Forb	Bare Ground	
R13	2021-10-27 23:22:25 UTC	32.2837629	-107.7808182	94	47	Litter		Litter	
R13	2021-10-27 23:22:31 UTC	32.2837669	-107.7808149	95	47.5	Litter		Litter	
R13	2021-10-27 23:22:39 UTC	32.2837694	-107.7808158	96	48	Forb	AMAC, Amaranthus acanthochiton, Annual Forb	Bare Ground	
R13	2021-10-27 23:22:44 UTC	32.2837722	-107.7808153	97	48.5	Bare Ground		Bare Ground	
R13	2021-10-27 23:22:48 UTC	32.283774	-107.7808151	98	49	Bare Ground		Bare Ground	
R13	2021-10-27 23:22:59 UTC	32.2837764	-107.7808142	99	49.5	Bare Ground		Bare Ground	
R13	2021-10-27 23:23:07 UTC	32.2837778	-107.7808135	100	50	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid	Bare Ground	
R12	2021-10-25 21:52:07 UTC	32.2833828	-107.7798205	1	0.5	Bare Ground		Bare Ground	
R12	2021-10-25 21:52:14 UTC	32.2833724	-107.7798237	2	1	Bare Ground		Bare Ground	
R12	2021-10-25 21:52:25 UTC	32.2833764	-107.7798226	3	1.5	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid	Litter	
R12	2021-10-25 21:52:30 UTC	32.2833872	-107.7798176	4	2	Bare Ground		Bare Ground	
R12	2021-10-25 21:52:42 UTC	32.2833898	-107.7798177	5	2.5	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid	Bare Ground	
R12	2021-10-25 21:52:53 UTC	32.283393	-107.7798192	6	3	Forb	TILA2, Tidestromia lanuginosa, Annual forb	Bare Ground	
R12	2021-10-25 21:52:57 UTC	32.2833939	-107.7798192	7	3.5	Bare Ground		Bare Ground	
R12	2021-10-25 22:07:14 UTC	32.2833944	-107.7798179	8	4	Bare Ground		Bare Ground	
R12	2021-10-25 21:53:06 UTC	32.2833962	-107.7798174	9	4.5	Bare Ground		Bare Ground	
R12	2021-10-25 21:53:12 UTC	32.2833975	-107.7798162	10	5	Bare Ground		Bare Ground	
R12	2021-10-25 21:53:20 UTC	32.2833985	-107.779817	11	5.5	Bare Ground		Bare Ground	
R12	2021-10-25 21:53:33 UTC	32.2834033	-107.7798226	12	6	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid	Bare Ground	
R12	2021-10-25 21:53:43 UTC	32.2834109	-107.7798238	13	6.5	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid	Bare Ground	
R12	2021-10-25 21:53:47 UTC	32.2834208	-107.7798227	14	7	Litter		Litter	

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R12	2021-10-25 21:54:08 UTC	32.2834363	-107.7798199	16	8	Bare Ground		Bare Ground	
R12	2021-10-25 21:54:09 UTC	32.2834361	-107.77982	17	8.5	Bare Ground		Bare Ground	
R12	2021-10-25 21:54:13 UTC	32.2834358	-107.77982	18	9	Bare Ground		Bare Ground	
R12	2021-10-25 21:54:23 UTC	32.2834351	-107.7798198	19	9.5	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid	Bare Ground	
R12	2021-10-25 21:54:32 UTC	32.2834419	-107.7798262	20	10	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid	Bare Ground	
R12	2021-10-25 21:54:36 UTC	32.2834446	-107.7798267	21	10.5	Litter		Litter	
R12	2021-10-25 21:54:42 UTC	32.283447	-107.7798255	22	11	Litter		Litter	
R12	2021-10-25 21:55:01 UTC	32.2834563	-107.7798254	23	11.5	Forb	TILA2, Tidestromia lanuginosa, Annual forb	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid
R12	2021-10-25 21:55:06 UTC	32.2834659	-107.7798212	24	12	Bare Ground		Bare Ground	
R12	2021-10-25 21:55:14 UTC	32.2834662	-107.7798208	25	12.5	Litter		Litter	
R12	2021-10-25 21:55:25 UTC	32.28348	-107.7798235	26	13	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid	Litter	
R12	2021-10-25 21:55:43 UTC	32.2834832	-107.7798267	27	13.5	Forb	TILA2, Tidestromia lanuginosa, Annual forb	Bare Ground	
R12	2021-10-25 21:55:48 UTC	32.2834824	-107.779826	28	14	Bare Ground		Bare Ground	
R12	2021-10-25 21:55:53 UTC	32.2834782	-107.7798243	29	14.5	Bare Ground		Bare Ground	
R12	2021-10-25 21:56:05 UTC	32.2834855	-107.7798246	30	15	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid	Bare Ground	
R12	2021-10-25 21:56:45 UTC	32.2834966	-107.7798293	31	15.5	Forb	PEAN, Pectis angustifolia, Annual Forb	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid
R12	2021-10-25 21:57:13 UTC	32.2834999	-107.779827	32	16	Forb	SATR12, Salsola tragus, Annual Forb	Forb	TILA2, Tidestromia lanuginosa, Annual forb
R12	2021-10-25 21:57:31 UTC	32.2835228	-107.7798281	33	16.5	Forb	TILA2, Tidestromia lanuginosa, Annual forb	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid
R12	2021-10-25 21:57:39 UTC	32.2835215	-107.7798269	34	17	Forb	TILA2, Tidestromia lanuginosa, Annual forb	Bare Ground	
R12	2021-10-25 21:57:42 UTC	32.283522	-107.7798293	35	17.5	Bare Ground		Bare Ground	
R12	2021-10-25 21:57:54 UTC	32.2835233	-107.7798311	36	18	Forb	SATR12, Salsola tragus, Annual Forb	Bare Ground	
R12	2021-10-25 21:57:59 UTC	32.2835332	-107.7798268	37	18.5	Bare Ground		Bare Ground	
R12	2021-10-25 21:58:04 UTC	32.2835403	-107.7798287	38	19	Bare Ground		Bare Ground	
R12	2021-10-25 21:58:19 UTC	32.2835413	-107.7798259	39	19.5	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid	Bare Ground	
R12	2021-10-25 21:58:27 UTC	32.283544	-107.7798336	40	20	Grass	SATR12, Salsola tragus, Annual Forb	Bare Ground	
R12	2021-10-25 21:58:36 UTC	32.2835482	-107.7798286	41	20.5	Forb	POPI3, Portulaca pilosa, Annual Forb	Bare Ground	
R12	2021-10-25 21:58:55 UTC	32.2835522	-107.7798236	42	21	Forb	SATR12, Salsola tragus, Annual Forb	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid
R12	2021-10-25 21:59:08 UTC	32.2835643	-107.7798215	43	21.5	Forb	TILA2, Tidestromia lanuginosa, Annual forb	Bare Ground	
R12	2021-10-25 21:59:20 UTC	32.2835692	-107.7798229	44	22	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid	Bare Ground	
R12	2021-10-25 21:59:41 UTC	32.2835688	-107.7798227	45	22.5	Forb	TILA2, Tidestromia lanuginosa, Annual forb	Bare Ground	
R12	2021-10-25 21:59:43 UTC	32.2835667	-107.7798325	46	23	Bare Ground		Bare Ground	



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R12	2021-10-25 22:00:50 UTC	32.2835779	-107.7798273	48	24	Forb	TILA2, Tidestromia lanuginosa, Annual forb	Bare Ground	
R12	2021-10-25 22:01:03 UTC	32.2835893	-107.7798297	49	24.5	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid	Bare Ground	
R12	2021-10-25 22:01:09 UTC	32.2835865	-107.7798304	50	25	Litter		Litter	
R12	2021-10-25 22:01:13 UTC	32.283587	-107.7798294	51	25.5	Bare Ground		Bare Ground	
R12	2021-10-25 22:01:19 UTC	32.2835875	-107.7798293	52	26	Bare Ground		Bare Ground	
R12	2021-10-25 22:01:29 UTC	32.283594	-107.7798311	53	26.5	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid	Bare Ground	
R12	2021-10-25 22:01:33 UTC	32.2836068	-107.779834	54	27	Bare Ground		Bare Ground	
R12	2021-10-25 22:01:46 UTC	32.2836106	-107.7798332	55	27.5	Forb	TILA2, Tidestromia lanuginosa, Annual forb	Bare Ground	
R12	2021-10-25 22:02:04 UTC	32.2836165	-107.7798372	56	28	Forb	SATR12, Salsola tragus, Annual Forb	Litter	
R12	2021-10-25 22:02:17 UTC	32.2836202	-107.7798327	57	28.5	Bare Ground		Bare Ground	
R12	2021-10-25 22:02:35 UTC	32.2836224	-107.7798315	58	29	Forb	SATR12, Salsola tragus, Annual Forb	Litter	
R12	2021-10-25 22:02:47 UTC	32.2836308	-107.7798238	59	29.5	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid	Bare Ground	
R12	2021-10-25 22:02:56 UTC	32.2836335	-107.7798283	60	30	Bare Ground		Bare Ground	
R12	2021-10-25 22:03:14 UTC	32.2836317	-107.779826	61	30.5	Forb	SATR12, Salsola tragus, Annual Forb	Litter	
R12	2021-10-25 22:03:17 UTC	32.2836363	-107.7798335	62	31	Bare Ground		Bare Ground	
R12	2021-10-25 22:03:38 UTC	32.2836389	-107.7798352	63	31.5	Forb	POPI3, Portulaca pilosa, Annual Forb	Bare Ground	
R12	2021-10-25 22:03:41 UTC	32.2836611	-107.7798379	64	32	Bare Ground		Bare Ground	
R12	2021-10-25 22:04:05 UTC	32.2836616	-107.7798382	65	32.5	Forb	TILA2, Tidestromia lanuginosa, Annual forb	Litter	
R12	2021-10-25 22:04:11 UTC	32.283661	-107.7798406	66	33	Litter		Litter	
R12	2021-10-25 22:04:27 UTC	32.2836609	-107.7798395	67	33.5	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid	Bare Ground	
R12	2021-10-25 22:04:34 UTC	32.2836678	-107.7798416	68	34	Bare Ground		Bare Ground	
R12	2021-10-25 22:04:40 UTC	32.2836676	-107.7798422	69	34.5	Bare Ground		Bare Ground	
R12	2021-10-25 22:04:42 UTC	32.2836671	-107.7798349	70	35	Bare Ground		Bare Ground	
R12	2021-10-25 22:05:00 UTC	32.283668	-107.7798336	71	35.5	Forb	POPI3, Portulaca pilosa, Annual Forb	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid
R12	2021-10-25 22:05:09 UTC	32.2836758	-107.7798375	72	36	Forb	SATR12, Salsola tragus, Annual Forb	Bare Ground	
R12	2021-10-25 22:05:15 UTC	32.2836805	-107.7798375	73	36.5	Bare Ground		Bare Ground	
R12	2021-10-25 22:05:22 UTC	32.2836895	-107.7798346	74	37	Bare Ground		Bare Ground	
R12	2021-10-25 22:05:32 UTC	32.2836995	-107.7798338	75	37.5	Forb	SATR12, Salsola tragus, Annual Forb	Bare Ground	
R12	2021-10-25 22:05:37 UTC	32.2837062	-107.7798362	76	38	Bare Ground		Bare Ground	
R12	2021-10-25 22:05:44 UTC	32.2837103	-107.7798347	77	38.5	Bare Ground		Bare Ground	
R12	2021-10-25 22:05:54 UTC	32.2837155	-107.7798363	78	39	Bare Ground		Bare Ground	
R12	2021-10-25 22:05:56 UTC	32.2837222	-107.779838	79	39.5	Bare Ground		Bare Ground	
R12	2021-10-25 22:06:36 UTC	32.2837211	-107.7798393	80	40	Bare Ground		Bare Ground	
R12	2021-10-25 22:06:41 UTC	32.2837335	-107.779837	81	40.5	Bare Ground		Bare Ground	
R12	2021-10-25 22:06:46 UTC	32.2837307	-107.7798344	82	41	Bare Ground		Bare Ground	
R12	2021-10-25 22:06:49 UTC	32.2837303	-107.7798358	83	41.5	Bare Ground		Bare Ground	
R12	2021-10-25 22:06:59 UTC	32.2837304	-107.7798369	84	42	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid	Litter	
R12	2021-10-25 22:07:04 UTC	32.2837398	-107.7798418	85	42.5	Litter		Litter	
R12	2021-10-25 22:07:06 UTC	32.2837428	-107.7798431	86	43	Bare Ground		Bare Ground	
R12	2021-10-25 22:07:10 UTC	32.2837445	-107.7798435	87	43.5	Bare Ground		Bare Ground	

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R12	2021-10-25 22:07:32 UTC	32.2837529	-107.7798403	89	44.5	Bare Ground		Bare Ground	
R12	2021-10-25 22:07:42 UTC	32.283753	-107.7798408	90	45	Forb	POPI3, Portulaca pilosa, Annual Forb	Bare Ground	
R12	2021-10-25 22:07:57 UTC	32.2837626	-107.7798387	91	45.5	Forb	SATR12, Salsola tragus, Annual Forb	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid
R12	2021-10-25 22:08:09 UTC	32.2837729	-107.7798391	92	46	Forb	SATR12, Salsola tragus, Annual Forb	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid
R12	2021-10-25 22:08:26 UTC	32.2837783	-107.7798421	93	46.5	Forb	TILA2, Tidestromia lanuginosa, Annual forb	Bare Ground	
R12	2021-10-25 22:08:31 UTC	32.2837936	-107.7798398	94	47	Bare Ground		Bare Ground	
R12	2021-10-25 22:08:34 UTC	32.2837963	-107.7798396	95	47.5	Bare Ground		Bare Ground	
R12	2021-10-25 22:08:48 UTC	32.2837946	-107.7798385	96	48	Bare Ground		Bare Ground	
R12	2021-10-25 22:09:00 UTC	32.2837995	-107.7798399	97	48.5	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid	Bare Ground	
R12	2021-10-25 22:09:09 UTC	32.283801	-107.7798458	98	49	Forb	SATR12, Salsola tragus, Annual Forb	Bare Ground	
R12	2021-10-25 22:09:14 UTC	32.2837989	-107.7798436	99	49.5	Litter		Litter	
R12	2021-10-25 22:09:19 UTC	32.2837972	-107.7798439	100	50	Woody Litter		Woody Litter	
R10	2021-10-25 21:10:48 UTC	32.2835313	-107.7798559	1	0.5	Bare Ground		Bare Ground	
R10	2021-10-25 21:11:00 UTC	32.283534	-107.7798574	2	1	Bare Ground		Bare Ground	
R10	2021-10-25 21:11:02 UTC	32.2835428	-107.7798482	3	1.5	Bare Ground		Bare Ground	
R10	2021-10-25 21:11:09 UTC	32.2835424	-107.7798482	4	2	Litter		Litter	
R10	2021-10-25 21:11:13 UTC	32.2835449	-107.7798431	5	2.5	Litter		Litter	
R10	2021-10-25 21:11:15 UTC	32.2835421	-107.779846	6	3	Bare Ground		Bare Ground	
R10	2021-10-25 21:11:19 UTC	32.2835421	-107.7798463	7	3.5	Bare Ground		Bare Ground	
R10	2021-10-25 21:11:22 UTC	32.2835424	-107.7798474	8	4	Bare Ground		Bare Ground	
R10	2021-10-25 21:11:31 UTC	32.2835498	-107.7798479	9	4.5	Bare Ground		Bare Ground	
R10	2021-10-25 21:11:37 UTC	32.2835519	-107.7798447	10	5	Bare Ground		Bare Ground	
R10	2021-10-25 21:11:39 UTC	32.2835579	-107.7798483	11	5.5	Bare Ground		Bare Ground	
R10	2021-10-25 21:11:46 UTC	32.2835605	-107.7798495	12	6	Bare Ground		Bare Ground	
R10	2021-10-25 21:11:57 UTC	32.2835705	-107.7798536	13	6.5	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid	Bare Ground	
R10	2021-10-25 21:12:04 UTC	32.2835829	-107.7798544	14	7	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid	Bare Ground	
R10	2021-10-25 21:12:08 UTC	32.2835822	-107.7798547	15	7.5	Bare Ground		Bare Ground	
R10	2021-10-25 21:12:32 UTC	32.2835814	-107.7798561	16	8	Forb	TILA2, Tidestromia lanuginosa, Annual forb	Forb	TILA2, Tidestromia lanuginosa, Annual forb
R10	2021-10-25 21:12:34 UTC	32.2836029	-107.7798483	17	8.5	Bare Ground		Bare Ground	
R10	2021-10-25 21:12:40 UTC	32.2836026	-107.7798484	18	9	Litter		Litter	
R10	2021-10-25 21:12:44 UTC	32.2836	-107.7798499	19	9.5	Bare Ground		Bare Ground	
R10	2021-10-25 21:12:54 UTC	32.2836034	-107.779849	20	10	Forb	TILA2, Tidestromia lanuginosa, Annual forb	Bare Ground	
R10	2021-10-25 21:12:58 UTC	32.2836153	-107.7798627	21	10.5	Bare Ground		Bare Ground	
R10	2021-10-25 21:13:10 UTC	32.2836184	-107.7798638	22	11	Forb	SATR12, Salsola tragus, Annual Forb	Forb	TILA2, Tidestromia lanuginosa, Annual forb
R10	2021-10-25 21:13:11 UTC	32.2836254	-107.7798641	23	11.5	Bare Ground		Bare Ground	
R10	2021-10-25 21:13:19 UTC	32.2836259	-107.7798642	24	12	Forb	SATR12, Salsola tragus, Annual Forb	Bare Ground	
R10	2021-10-25 21:13:25 UTC	32.2836254	-107.7798635	25	12.5	Bare Ground		Bare Ground	
R10	2021-10-25 21:13:37 UTC	32.2836304	-107.7798646	26	13	Bare Ground		Bare Ground	
R10	2021-10-25 21:14:04 UTC	32.2836429	-107.7798587	27	13.5	Forb	POPI3, Portulaca pilosa, Annual Forb	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid
R10	2021-10-25 21:14:16 UTC	32.2836572	-107.7798701	28	14	Forb	AMAC, Amaranthus acanthochiton, Annual Forb	Bare Ground	
R10	2021-10-25 21:14:19 UTC	32.2836608	-107.7798672	29	14.5	Bare Ground		Bare Ground	

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R10	2021-10-25 21:14:30 UTC	32.2836641	-107.7798684	31	15.5	Bare Ground		Bare Ground	
R10	2021-10-25 21:14:36 UTC	32.2836647	-107.7798689	32	16	Litter		Litter	
R10	2021-10-25 21:14:54 UTC	32.2836677	-107.7798727	33	16.5	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid	Litter	
R10	2021-10-25 21:14:58 UTC	32.2836857	-107.7798696	34	17	Bare Ground		Bare Ground	
R10	2021-10-25 21:15:28 UTC	32.2836857	-107.7798682	35	17.5	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid	Bare Ground	
R10	2021-10-25 21:15:32 UTC	32.2836895	-107.7798673	36	18	Bare Ground		Bare Ground	
R10	2021-10-25 21:15:40 UTC	32.2836903	-107.7798686	37	18.5	Bare Ground		Bare Ground	
R10	2021-10-25 21:15:50 UTC	32.2836972	-107.7798691	38	19	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid	Litter	
R10	2021-10-25 21:16:04 UTC	32.2837047	-107.7798671	39	19.5	Forb	SATR12, Salsola tragus, Annual Forb	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid
R10	2021-10-25 21:16:17 UTC	32.2837088	-107.7798639	40	20	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid	Bare Ground	
R10	2021-10-25 21:16:39 UTC	32.2837172	-107.7798774	41	20.5	Forb	TILA2, Tidestromia lanuginosa, Annual forb	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid
R10	2021-10-25 21:16:50 UTC	32.2837142	-107.7798806	42	21	Forb	AMAC, Amaranthus acanthochiton, Annual Forb	Bare Ground	
R10	2021-10-25 21:16:56 UTC	32.2837209	-107.7798806	43	21.5	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid	Bare Ground	
R10	2021-10-25 21:16:58 UTC	32.2837189	-107.7798798	44	22	Bare Ground		Bare Ground	
R10	2021-10-25 21:17:10 UTC	32.2837176	-107.7798804	45	22.5	Forb	SATR12, Salsola tragus, Annual Forb	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid
R10	2021-10-25 21:17:22 UTC	32.2837154	-107.7798786	46	23	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid	Bare Ground	
R10	2021-10-25 21:17:37 UTC	32.2837296	-107.7798825	47	23.5	Forb	TILA2, Tidestromia lanuginosa, Annual forb	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid
R10	2021-10-25 21:17:47 UTC	32.2837421	-107.7798803	48	24	Forb	TILA2, Tidestromia lanuginosa, Annual forb	Bare Ground	
R10	2021-10-25 21:17:57 UTC	32.2837453	-107.7798833	49	24.5	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid	Bare Ground	
R10	2021-10-25 21:18:03 UTC	32.2837462	-107.7798863	50	25	Bare Ground		Bare Ground	
R10	2021-10-25 21:18:38 UTC	32.2837489	-107.7798854	51	25.5	Forb	TILA2, Tidestromia lanuginosa, Annual forb	Litter	
R10	2021-10-25 21:18:47 UTC	32.2837567	-107.7798843	52	26	Litter		Litter	
R10	2021-10-25 21:19:10 UTC	32.2837579	-107.7798846	53	26.5	Forb	TILA2, Tidestromia lanuginosa, Annual forb	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid
R10	2021-10-25 21:19:13 UTC	32.2837659	-107.7798837	54	27	Bare Ground		Bare Ground	
R10	2021-10-25 21:19:23 UTC	32.2837663	-107.7798832	55	27.5	Forb	TILA2, Tidestromia lanuginosa, Annual forb	Bare Ground	
R10	2021-10-25 21:19:36 UTC	32.2837642	-107.7798805	56	28	Bare Ground		Bare Ground	
R10	2021-10-25 21:19:53 UTC	32.2837656	-107.7798876	57	28.5	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid	Bare Ground	
R10	2021-10-25 21:20:05 UTC	32.2837785	-107.779889	58	29	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid	Bare Ground	
R10	2021-10-25 21:20:09 UTC	32.2837861	-107.7798887	59	29.5	Bare Ground		Bare Ground	
R10	2021-10-25 21:20:11 UTC	32.2837892	-107.779889	60	30	Bare Ground		Bare Ground	

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R10	2021-10-25 21:20:38 UTC	32.2837924	-107.7798906	62	31	Forb	POPI3, Portulaca pilosa, Annual Forb	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid
R10	2021-10-25 21:20:43 UTC	32.2837958	-107.779891	63	31.5	Bare Ground		Bare Ground	
R10	2021-10-25 21:20:53 UTC	32.2837973	-107.7798917	64	32	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid	Bare Ground	
R10	2021-10-25 21:21:13 UTC	32.2838083	-107.7798906	65	32.5	Forb	POPI3, Portulaca pilosa, Annual Forb	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid
R10	2021-10-25 21:21:20 UTC	32.283822	-107.7798945	66	33	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid	Bare Ground	
R10	2021-10-25 21:21:30 UTC	32.2838219	-107.7798947	67	33.5	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid	Bare Ground	
R10	2021-10-25 21:21:32 UTC	32.2838255	-107.7798912	68	34	Bare Ground		Bare Ground	
R10	2021-10-25 21:21:45 UTC	32.2838272	-107.7798912	69	34.5	Forb	AMAC, Amaranthus acanthochiton, Annual Forb	Bare Ground	
R10	2021-10-25 21:21:49 UTC	32.2838381	-107.7798931	70	35	Litter		Litter	
R10	2021-10-25 21:22:01 UTC	32.2838387	-107.7798927	71	35.5	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid	Bare Ground	
R10	2021-10-25 21:22:12 UTC	32.2838485	-107.779898	72	36	Forb	BOAR, Bouteloua aristidoides, Annual Graminoid	Bare Ground	
R10	2021-10-25 21:22:16 UTC	32.2838455	-107.779897	73	36.5	Bare Ground		Bare Ground	
R10	2021-10-25 21:22:24 UTC	32.2838458	-107.7798937	74	37	Forb	POPI3, Portulaca pilosa, Annual Forb	Bare Ground	
R10	2021-10-25 21:22:31 UTC	32.2838495	-107.7798963	75	37.5	Litter		Litter	
R10	2021-10-25 21:22:36 UTC	32.2838525	-107.7798979	76	38	Bare Ground		Bare Ground	
R10	2021-10-25 21:22:45 UTC	32.2838599	-107.7799012	77	38.5	Forb	POPI3, Portulaca pilosa, Annual Forb	Bare Ground	
R10	2021-10-25 21:22:51 UTC	32.2838618	-107.7799041	78	39	Bare Ground		Bare Ground	
R10	2021-10-25 21:23:03 UTC	32.2838653	-107.7799049	79	39.5	Bare Ground		Bare Ground	
R10	2021-10-25 21:23:15 UTC	32.2838732	-107.7799022	80	40	Shrub	PSSC6, Psoralea scoparius, Perennial Shrub	Bare Ground	
R10	2021-10-25 21:23:26 UTC	32.2838973	-107.7798908	81	40.5	Forb	TILA2, Tidestromia lanuginosa, Annual forb	Bare Ground	
R10	2021-10-25 21:23:36 UTC	32.2838991	-107.7798976	82	41			Bare Ground	
R10	2021-10-25 21:23:44 UTC	32.2838977	-107.779897	83	41.5	Bare Ground		Bare Ground	
R10	2021-10-25 21:23:53 UTC	32.2838955	-107.7798946	84	42	Bare Ground		Bare Ground	
R10	2021-10-25 21:24:02 UTC	32.2838948	-107.7798999	85	42.5	Bare Ground		Bare Ground	
R10	2021-10-25 21:24:05 UTC	32.2838964	-107.7799001	86	43	Bare Ground		Bare Ground	
R10	2021-10-25 21:24:07 UTC	32.2838972	-107.7799006	87	43.5	Bare Ground		Bare Ground	
R10	2021-10-25 21:24:19 UTC	32.2838972	-107.7799006	88	44	Forb	POPI3, Portulaca pilosa, Annual Forb	Bare Ground	
R10	2021-10-25 21:24:34 UTC	32.2839118	-107.7799042	89	44.5	Forb	SATR12, Salsola tragus, Annual Forb	Bare Ground	
R10	2021-10-25 21:24:40 UTC	32.2839212	-107.7799027	90	45	Bare Ground		Bare Ground	
R10	2021-10-25 21:24:47 UTC	32.2839242	-107.7799026	91	45.5	Bare Ground		Bare Ground	
R10	2021-10-25 21:24:51 UTC	32.2839306	-107.7799026	92	46	Bare Ground		Bare Ground	
R10	2021-10-25 21:25:08 UTC	32.2839322	-107.7799056	93	46.5	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid	Litter	
R10	2021-10-25 21:25:10 UTC	32.2839418	-107.7799077	94	47	Bare Ground		Bare Ground	
R10	2021-10-25 21:25:16 UTC	32.2839417	-107.7799075	95	47.5	Bare Ground		Bare Ground	
R10	2021-10-25 21:25:30 UTC	32.2839447	-107.7799061	96	48	Forb	SATR12, Salsola tragus, Annual Forb	Bare Ground	
R10	2021-10-25 21:25:31 UTC	32.2839428	-107.7799149	97	48.5	Bare Ground		Bare Ground	
R10	2021-10-25 21:26:41 UTC	32.2839437	-107.7799137	98	49	Forb	AF#4, Annual Forb, Annual Forb	Forb	AF#4, Annual Forb, Annual Forb

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R10	2021-10-25 21:27:13 UTC	32.2839577	-107.7799196	100	50	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid	Litter	
R9	2021-10-25 20:49:34 UTC	32.2835162	-107.7799133	1	0.5	Bare Ground		Bare Ground	
R9	2021-10-25 20:49:47 UTC	32.2835107	-107.7799137	2	1	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid	Bare Ground	
R9	2021-10-25 20:49:49 UTC	32.2835117	-107.7799071	3	1.5	Bare Ground		Bare Ground	
R9	2021-10-25 20:49:53 UTC	32.2835112	-107.7799062	4	2	Bare Ground		Bare Ground	
R9	2021-10-25 20:50:02 UTC	32.2835102	-107.7799045	5	2.5	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid	Bare Ground	
R9	2021-10-25 20:50:12 UTC	32.2835292	-107.7799001	6	3	Forb	SATR12, Salsola tragus, Annual Forb	Litter	
R9	2021-10-25 20:50:24 UTC	32.2835367	-107.7798958	7	3.5	Shrub	EPTR, Ephedra trifurca, Perennial Shrub	Litter	
R9	2021-10-25 20:50:33 UTC	32.2835419	-107.7798968	8	4	Forb	EPTR, Ephedra trifurca, Perennial Shrub	Litter	
R9	2021-10-25 20:50:37 UTC	32.2835417	-107.7798985	9	4.5	Bare Ground		Bare Ground	
R9	2021-10-25 20:50:47 UTC	32.2835423	-107.7798973	10	5	Forb	SATR12, Salsola tragus, Annual Forb	Bare Ground	
R9	2021-10-25 20:51:10 UTC	32.2835537	-107.7798951	11	5.5	Forb	SATR12, Salsola tragus, Annual Forb	Forb	SATR12, Salsola tragus, Annual Forb
R9	2021-10-25 20:51:12 UTC	32.2835591	-107.7798963	12	6	Bare Ground		Bare Ground	
R9	2021-10-25 20:51:18 UTC	32.283559	-107.7798966	13	6.5	Bare Ground		Bare Ground	
R9	2021-10-25 20:51:31 UTC	32.2835566	-107.7798963	14	7	Forb	TILA2, Tidestromia lanuginosa, Annual forb	Bare Ground	
R9	2021-10-25 20:51:36 UTC	32.2835695	-107.7798971	15	7.5	Bare Ground		Bare Ground	
R9	2021-10-25 20:51:54 UTC	32.2835724	-107.7798995	16	8	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid	Litter	
R9	2021-10-25 20:51:56 UTC	32.2835743	-107.779905	17	8.5	Bare Ground		Bare Ground	
R9	2021-10-25 20:52:00 UTC	32.2835743	-107.7799051	18	9	Bare Ground		Bare Ground	
R9	2021-10-25 20:52:12 UTC	32.2835823	-107.7799052	19	9.5	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid	Bare Ground	
R9	2021-10-25 20:52:21 UTC	32.2835914	-107.7799073	20	10	Bare Ground		Bare Ground	
R9	2021-10-25 20:52:25 UTC	32.2836004	-107.7799074	21	10.5	Bare Ground		Bare Ground	
R9	2021-10-25 20:52:32 UTC	32.2836008	-107.7799063	22	11	Bare Ground		Bare Ground	
R9	2021-10-25 20:52:39 UTC	32.2836015	-107.7799004	23	11.5	Litter		Litter	
R9	2021-10-25 20:52:49 UTC	32.2836043	-107.7799024	24	12	Forb	TILA2, Tidestromia lanuginosa, Annual forb	Bare Ground	
R9	2021-10-25 20:52:54 UTC	32.2836126	-107.779903	25	12.5	Bare Ground		Bare Ground	
R9	2021-10-25 20:52:59 UTC	32.2836146	-107.7799003	26	13	Bare Ground		Bare Ground	
R9	2021-10-25 20:53:40 UTC	32.2836182	-107.779901	27	13.5	Bare Ground		Bare Ground	
R9	2021-10-25 20:53:45 UTC	32.2836356	-107.7799009	28	14	Bare Ground		Bare Ground	
R9	2021-10-25 20:53:52 UTC	32.2836374	-107.7799078	29	14.5	Litter		Litter	
R9	2021-10-25 20:54:06 UTC	32.2836414	-107.7799074	30	15	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid	Bare Ground	
R9	2021-10-25 20:54:09 UTC	32.2836484	-107.7799036	31	15.5	Bare Ground		Bare Ground	
R9	2021-10-25 20:54:15 UTC	32.2836495	-107.7799031	32	16	Bare Ground		Bare Ground	
R9	2021-10-25 20:54:26 UTC	32.2836484	-107.779901	33	16.5	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid	Bare Ground	
R9	2021-10-25 20:54:38 UTC	32.2836479	-107.7799099	34	17	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid	Bare Ground	
R9	2021-10-25 20:54:46 UTC	32.2836598	-107.7799123	35	17.5	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid	Bare Ground	
R9	2021-10-25 20:54:48 UTC	32.2836616	-107.7799111	36	18	Bare Ground		Bare Ground	
R9	2021-10-25 20:55:03 UTC	32.283662	-107.7799109	37	18.5	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid	Bare Ground	

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R9	2021-10-25 20:55:18 UTC	32.2836773	-107.7799064	39	19.5	Bare Ground		Bare Ground	
R9	2021-10-25 20:55:22 UTC	32.283681	-107.7799062	40	20	Bare Ground		Bare Ground	
R9	2021-10-25 20:55:26 UTC	32.2836808	-107.7799086	41	20.5	Bare Ground		Bare Ground	
R9	2021-10-25 20:55:36 UTC	32.2836809	-107.7799126	42	21	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid	Bare Ground	
R9	2021-10-25 20:55:48 UTC	32.2836876	-107.7799139	43	21.5	Forb	TILA2, Tidestromia lanuginosa, Annual forb	Litter	
R9	2021-10-25 20:56:03 UTC	32.2836982	-107.7799133	44	22	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid	Bare Ground	
R9	2021-10-25 20:56:05 UTC	32.2837027	-107.7799118	45	22.5	Bare Ground		Bare Ground	
R9	2021-10-25 20:56:09 UTC	32.2837028	-107.7799124	46	23	Bare Ground		Bare Ground	
R9	2021-10-25 20:56:17 UTC	32.2837032	-107.7799145	47	23.5	Bare Ground		Bare Ground	
R9	2021-10-25 20:56:27 UTC	32.2837124	-107.7799114	48	24	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid	Bare Ground	
R9	2021-10-25 20:56:34 UTC	32.283722	-107.7799135	49	24.5	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid	Bare Ground	
R9	2021-10-25 20:56:44 UTC	32.2837251	-107.7799148	50	25	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid	Bare Ground	
R9	2021-10-25 20:56:50 UTC	32.2837331	-107.7799131	51	25.5	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid	Bare Ground	
R9	2021-10-25 20:56:54 UTC	32.2837329	-107.7799099	52	26	Bare Ground		Bare Ground	
R9	2021-10-25 20:57:20 UTC	32.2837342	-107.7799079	53	26.5	Forb	TILA2, Tidestromia lanuginosa, Annual forb	Forb	POPI3, Portulaca pilosa, Annual Forb
R9	2021-10-25 20:57:27 UTC	32.2837532	-107.7799106	54	27	Litter		Litter	
R9	2021-10-25 20:57:32 UTC	32.2837526	-107.7799129	55	27.5	Litter		Litter	
R9	2021-10-25 20:57:54 UTC	32.2837545	-107.7799127	56	28	Forb	TILA2, Tidestromia lanuginosa, Annual forb	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid
R9	2021-10-25 20:57:56 UTC	32.2837621	-107.7799109	57	28.5	Bare Ground		Bare Ground	
R9	2021-10-25 20:58:00 UTC	32.283759	-107.7799107	58	29	Bare Ground		Bare Ground	
R9	2021-10-25 20:58:10 UTC	32.2837589	-107.7799108	59	29.5	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid	Bare Ground	
R9	2021-10-25 20:58:17 UTC	32.2837685	-107.7799163	60	30	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid	Bare Ground	
R9	2021-10-25 20:58:29 UTC	32.2837689	-107.7799142	61	30.5	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid	Bare Ground	
R9	2021-10-25 20:58:32 UTC	32.2837788	-107.7799113	62	31	Bare Ground		Bare Ground	
R9	2021-10-25 20:58:52 UTC	32.2837813	-107.7799086	63	31.5	Forb	SATR12, Salsola tragus, Annual Forb	Forb	TILA2, Tidestromia lanuginosa, Annual forb
R9	2021-10-25 20:58:59 UTC	32.2837951	-107.7799125	64	32	Bare Ground		Bare Ground	
R9	2021-10-25 20:59:13 UTC	32.2838014	-107.7799103	65	32.5	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid	Bare Ground	
R9	2021-10-25 20:59:21 UTC	32.2838113	-107.7799137	66	33	Bare Ground		Bare Ground	
R9	2021-10-25 20:59:26 UTC	32.2838083	-107.7799105	67	33.5	Bare Ground		Bare Ground	
R9	2021-10-25 20:59:28 UTC	32.2838087	-107.7799105	68	34	Bare Ground		Bare Ground	
R9	2021-10-25 20:59:40 UTC	32.2838094	-107.7799105	69	34.5	Forb	POPI3, Portulaca pilosa, Annual Forb	Bare Ground	
R9	2021-10-25 20:59:47 UTC	32.2838172	-107.7799102	70	35	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid	Bare Ground	
R9	2021-10-25 20:59:55 UTC	32.2838176	-107.7799102	71	35.5	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid	Bare Ground	



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R9	2021-10-25 21:00:06 UTC	32.2838233	-107.7799099	72	36	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid	Bare Ground	
R9	2021-10-25 21:00:20 UTC	32.2838344	-107.7799167	73	36.5	Forb	TILA2, Tidestromia lanuginosa, Annual forb	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid
R9	2021-10-25 21:00:23 UTC	32.2838346	-107.779915	74	37	Bare Ground		Bare Ground	
R9	2021-10-25 21:00:27 UTC	32.2838342	-107.7799157	75	37.5	Bare Ground		Bare Ground	
R9	2021-10-25 21:00:39 UTC	32.2838336	-107.7799144	76	38	Bare Ground		Bare Ground	
R9	2021-10-25 21:00:50 UTC	32.2838594	-107.7799166	77	38.5	Forb	SATR12, Salsola tragus, Annual Forb	Bare Ground	
R9	2021-10-25 21:00:55 UTC	32.2838573	-107.7799125	78	39	Bare Ground		Bare Ground	
R9	2021-10-25 21:01:00 UTC	32.28386	-107.7799084	79	39.5	Bare Ground		Bare Ground	
R9	2021-10-25 21:01:04 UTC	32.2838616	-107.7799039	80	40	Litter		Litter	
R9	2021-10-25 21:01:09 UTC	32.2838652	-107.7799011	81	40.5	Bare Ground		Bare Ground	
R9	2021-10-25 21:01:13 UTC	32.2838683	-107.7798957	82	41	Bare Ground		Bare Ground	
R9	2021-10-25 21:01:29 UTC	32.2838733	-107.7798858	83	41.5	Forb	AMAC, Amaranthus acanthochiton, Annual Forb	Bare Ground	
R9	2021-10-25 21:01:31 UTC	32.2838871	-107.7798947	84	42	Bare Ground		Bare Ground	
R9	2021-10-25 21:01:35 UTC	32.2838877	-107.7798955	85	42.5	Bare Ground		Bare Ground	
R9	2021-10-25 21:01:47 UTC	32.2838868	-107.7798982	86	43	Bare Ground		Bare Ground	
R9	2021-10-25 21:02:00 UTC	32.2838991	-107.7799023	87	43.5	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid	Bare Ground	
R9	2021-10-25 21:02:11 UTC	32.283904	-107.7799013	88	44	Forb	POPI3, Portulaca pilosa, Annual Forb	Bare Ground	
R9	2021-10-25 21:02:26 UTC	32.2839029	-107.7799031	89	44.5	Forb	POPI3, Portulaca pilosa, Annual Forb	Bare Ground	
R9	2021-10-25 21:02:28 UTC	32.2839187	-107.7799128	90	45	Bare Ground		Bare Ground	
R9	2021-10-25 21:02:39 UTC	32.2839187	-107.7799128	91	45.5	Bare Ground		Bare Ground	
R9	2021-10-25 21:02:49 UTC	32.2839225	-107.7799141	92	46	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid	Bare Ground	
R9	2021-10-25 21:02:52 UTC	32.2839283	-107.779914	93	46.5	Bare Ground		Bare Ground	
R9	2021-10-25 21:03:04 UTC	32.2839288	-107.779914	94	47	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid	Bare Ground	
R9	2021-10-25 21:03:09 UTC	32.2839377	-107.7799116	95	47.5	Bare Ground		Bare Ground	
R9	2021-10-25 21:03:19 UTC	32.2839377	-107.7799109	96	48	Bare Ground		Bare Ground	
R9	2021-10-25 21:03:26 UTC	32.2839398	-107.7799107	97	48.5	Litter		Litter	
R9	2021-10-25 21:03:31 UTC	32.2839421	-107.779912	98	49	Bare Ground		Bare Ground	
R9	2021-10-25 21:03:34 UTC	32.2839449	-107.7799143	99	49.5	Bare Ground		Bare Ground	
R9	2021-10-25 21:03:35 UTC	32.2839471	-107.7799179	100	50	Bare Ground		Bare Ground	
R8	2021-10-25 20:20:14 UTC	32.2836863	-107.7797937	1	0.5	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid	Bare Ground	
R8	2021-10-25 20:20:21 UTC	32.2836659	-107.7797862	2	1	Bare Ground		Bare Ground	
R8	2021-10-25 20:20:34 UTC	32.2836648	-107.7797818	3	1.5	Shrub	PSSC6, Psoralea scoparius, Perennial Shrub	Bare Ground	
R8	2021-10-25 20:21:04 UTC	32.2836698	-107.779784	4	2	Forb	PSSC6, Psoralea scoparius, Perennial Shrub	Litter	
R8	2021-10-25 20:21:21 UTC	32.2836808	-107.7797829	5	2.5	Forb	TILA2, Tidestromia lanuginosa, Annual forb	Bare Ground	
R8	2021-10-25 20:21:38 UTC	32.2836951	-107.7797852	6	3	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid	Forb	POPI3, Portulaca pilosa, Annual Forb
R8	2021-10-25 20:21:41 UTC	32.2837034	-107.7797805	7	3.5	Bare Ground		Bare Ground	
R8	2021-10-25 20:22:27 UTC	32.283704	-107.7797813	8	4	Forb	CHAL11, Chamaesyce albomarginata, Annual Forb	Bare Ground	
R8	2021-10-25 20:22:29 UTC	32.2837039	-107.7797759	9	4.5	Bare Ground		Bare Ground	
R8	2021-10-25 20:22:40 UTC	32.2837049	-107.7797763	10	5	Bare Ground		Bare Ground	
R8	2021-10-25 20:22:42 UTC	32.2837173	-107.7797832	11	5.5	Bare Ground		Bare Ground	
R8	2021-10-25 20:22:45 UTC	32.2837186	-107.7797848	12	6	Bare Ground		Bare Ground	
R8	2021-10-25 20:22:48 UTC	32.2837196	-107.7797864	13	6.5	Bare Ground		Bare Ground	

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R8	2021-10-25 20:23:03 UTC	32.2837202	-107.7797862	14	7	Bare Ground		Bare Ground	
R8	2021-10-25 20:23:24 UTC	32.2837266	-107.7797871	15	7.5	Forb	TILA2, Tidestromia lanuginosa, Annual forb	Grass	BOAR, Bouteloua aristoides, Annual Graminoid
R8	2021-10-25 20:23:38 UTC	32.2837389	-107.7797877	16	8	Forb	TILA2, Tidestromia lanuginosa, Annual forb	Grass	BOAR, Bouteloua aristoides, Annual Graminoid
R8	2021-10-25 20:23:44 UTC	32.2837402	-107.7797879	17	8.5	Bare Ground		Bare Ground	
R8	2021-10-25 20:24:13 UTC	32.2837417	-107.7797891	18	9	Bare Ground		Bare Ground	
R8	2021-10-25 20:24:19 UTC	32.2837541	-107.7797932	19	9.5	Litter		Litter	
R8	2021-10-25 20:24:54 UTC	32.2837543	-107.7797934	20	10	Bare Ground		Bare Ground	
R8	2021-10-25 20:25:08 UTC	32.2837586	-107.7797897	21	10.5	Forb	TILA2, Tidestromia lanuginosa, Annual forb	Bare Ground	
R8	2021-10-25 20:25:12 UTC	32.2837655	-107.7797892	22	11	Bare Ground		Bare Ground	
R8	2021-10-25 20:25:16 UTC	32.2837658	-107.779789	23	11.5	Litter		Litter	
R8	2021-10-25 20:25:23 UTC	32.2837665	-107.7797893	24	12	Litter		Litter	
R8	2021-10-25 20:25:34 UTC	32.2837698	-107.7797902	25	12.5	Forb	TILA2, Tidestromia lanuginosa, Annual forb	Bare Ground	
R8	2021-10-25 20:25:57 UTC	32.2837764	-107.7797857	26	13	Forb	SATR12, Salsola tragus, Annual Forb	Grass	BOAR, Bouteloua aristoides, Annual Graminoid
R8	2021-10-25 20:26:05 UTC	32.2837914	-107.7797902	27	13.5	Forb	AMAC, Amaranthus acanthochiton, Annual Forb	Bare Ground	
R8	2021-10-25 20:26:07 UTC	32.2837887	-107.7797895	28	14	Bare Ground		Bare Ground	
R8	2021-10-25 20:26:14 UTC	32.2837881	-107.7797891	29	14.5	Bare Ground		Bare Ground	
R8	2021-10-25 20:26:38 UTC	32.2837875	-107.7797908	30	15	Forb	AMAC, Amaranthus acanthochiton, Annual Forb	Grass	BOAR, Bouteloua aristoides, Annual Graminoid
R8	2021-10-25 20:26:42 UTC	32.2838072	-107.7797859	31	15.5	Litter		Litter	
R8	2021-10-25 20:26:55 UTC	32.2838092	-107.7797842	32	16	Shrub	EPTR, Ephedra trifurca, Perennial Shrub	Bare Ground	
R8	2021-10-25 20:26:58 UTC	32.2838144	-107.7797865	33	16.5	Bare Ground		Bare Ground	
R8	2021-10-25 20:27:05 UTC	32.2838106	-107.7797862	34	17	Litter		Litter	
R8	2021-10-25 20:27:18 UTC	32.283813	-107.7797849	35	17.5	Grass	BOAR, Bouteloua aristoides, Annual Graminoid	Bare Ground	
R8	2021-10-25 20:27:26 UTC	32.2838308	-107.7797855	36	18	Grass	BOAR, Bouteloua aristoides, Annual Graminoid	Bare Ground	
R8	2021-10-25 20:27:36 UTC	32.2838316	-107.7797815	37	18.5	Grass	BOAR, Bouteloua aristoides, Annual Graminoid	Bare Ground	
R8	2021-10-25 20:27:41 UTC	32.2838339	-107.7797864	38	19	Bare Ground		Bare Ground	
R8	2021-10-25 20:27:53 UTC	32.2838368	-107.7797883	39	19.5	Litter		Bare Ground	
R8	2021-10-25 20:28:02 UTC	32.2838458	-107.7797861	40	20	Litter		Litter	
R8	2021-10-25 20:28:04 UTC	32.2838487	-107.7797788	41	20.5	Bare Ground		Bare Ground	
R8	2021-10-25 20:28:10 UTC	32.2838504	-107.7797794	42	21	Bare Ground		Bare Ground	
R8	2021-10-25 20:28:42 UTC	32.2838533	-107.7797811	43	21.5	Forb	AMAC, Amaranthus acanthochiton, Annual Forb	Litter	
R8	2021-10-25 20:29:09 UTC	32.2838664	-107.7797807	44	22	Litter		Litter	
R8	2021-10-25 20:29:14 UTC	32.2838668	-107.7797874	45	22.5	Bare Ground		Bare Ground	
R8	2021-10-25 20:29:22 UTC	32.2838629	-107.7797847	46	23	Litter		Litter	
R8	2021-10-25 20:29:29 UTC	32.2838637	-107.7797811	47	23.5	Litter		Litter	
R8	2021-10-25 20:30:07 UTC	32.2838694	-107.7797847	48	24	Litter		Litter	
R8	2021-10-25 20:30:13 UTC	32.2838885	-107.779786	49	24.5	Bare Ground		Bare Ground	
R8	2021-10-25 20:30:21 UTC	32.2838926	-107.7797851	50	25	Litter		Litter	
R8	2021-10-25 20:30:33 UTC	32.283893	-107.7797818	51	25.5	Forb	POPI3, Portulaca pilosa, Annual Forb	Bare Ground	
R8	2021-10-25 20:30:48 UTC	32.2838967	-107.7797797	52	26	Grass	BOAR, Bouteloua aristoides, Annual Graminoid	Bare Ground	
R8	2021-10-25 20:31:20 UTC	32.2838995	-107.7797882	53	26.5	Forb	POPI3, Portulaca pilosa, Annual Forb	Grass	BOAR, Bouteloua aristoides, Annual Graminoid

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R8	2021-10-25 20:31:28 UTC	32.283901	-107.7797855	54	27	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid	Bare Ground	
R8	2021-10-25 20:32:06 UTC	32.2839019	-107.779787	55	27.5	Forb	POPI3, Portulaca pilosa, Annual Forb	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid
R8	2021-10-25 20:33:54 UTC	32.2839201	-107.7797884	56	28	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid	Bare Ground	
R8	2021-10-25 20:33:57 UTC	32.2839267	-107.7797824	57	28.5	Bare Ground		Bare Ground	
R8	2021-10-25 20:34:10 UTC	32.2839286	-107.7797834	58	29	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid	Bare Ground	
R8	2021-10-25 20:34:21 UTC	32.2839315	-107.7797823	59	29.5	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid	Bare Ground	
R8	2021-10-25 20:34:31 UTC	32.2839339	-107.7797833	60	30	Forb	TILA2, Tidestromia lanuginosa, Annual forb	Bare Ground	
R8	2021-10-25 20:34:36 UTC	32.2839435	-107.7797848	61	30.5	Bare Ground		Bare Ground	
R8	2021-10-25 20:34:46 UTC	32.2839446	-107.7797834	62	31	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid	Bare Ground	
R8	2021-10-25 20:34:56 UTC	32.2839531	-107.7797803	63	31.5	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid	Bare Ground	
R8	2021-10-25 20:35:12 UTC	32.2839544	-107.7797796	64	32	Forb	POPI3, Portulaca pilosa, Annual Forb	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid
R8	2021-10-25 20:35:17 UTC	32.2839569	-107.7797815	65	32.5	Bare Ground		Bare Ground	
R8	2021-10-25 20:35:52 UTC	32.2839605	-107.7797818	66	33	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid	Bare Ground	
R8	2021-10-25 20:36:05 UTC	32.2839653	-107.7797815	67	33.5	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid	Bare Ground	
R8	2021-10-25 20:36:21 UTC	32.2839633	-107.7797901	68	34	Forb	TILA2, Tidestromia lanuginosa, Annual forb	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid
R8	2021-10-25 20:36:27 UTC	32.2839737	-107.7797913	69	34.5	Bare Ground		Bare Ground	
R8	2021-10-25 20:36:28 UTC	32.2839768	-107.7797901	70	35	Bare Ground		Bare Ground	
R8	2021-10-25 20:36:31 UTC	32.2839781	-107.7797872	71	35.5	Bare Ground		Bare Ground	
R8	2021-10-25 20:36:43 UTC	32.2839768	-107.7797891	72	36	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid	Bare Ground	
R8	2021-10-25 20:36:51 UTC	32.2839875	-107.7797872	73	36.5	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid	Bare Ground	
R8	2021-10-25 20:36:59 UTC	32.2839889	-107.7797879	74	37	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid	Bare Ground	
R8	2021-10-25 20:37:14 UTC	32.2839931	-107.7797858	75	37.5	Litter		Litter	
R8	2021-10-25 20:37:29 UTC	32.2839983	-107.7797863	76	38	Forb	SATR12, Salsola tragus, Annual Forb	Forb	POPI3, Portulaca pilosa, Annual Forb
R8	2021-10-25 20:37:34 UTC	32.2840005	-107.779787	77	38.5	Bare Ground		Bare Ground	
R8	2021-10-25 20:37:39 UTC	32.2840023	-107.7797868	78	39	Bare Ground		Bare Ground	
R8	2021-10-25 20:37:43 UTC	32.2840052	-107.7797869	79	39.5	Bare Ground		Bare Ground	
R8	2021-10-25 20:37:52 UTC	32.2840083	-107.7797858	80	40	Forb	POPI3, Portulaca pilosa, Annual Forb	Bare Ground	
R8	2021-10-25 20:38:07 UTC	32.2840141	-107.7797871	81	40.5	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid	Bare Ground	
R8	2021-10-25 20:38:14 UTC	32.2840347	-107.7797878	82	41	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid	Bare Ground	
R8	2021-10-25 20:38:15 UTC	32.2840375	-107.7797865	83	41.5	Bare Ground		Bare Ground	
R8	2021-10-25 20:38:23 UTC	32.2840377	-107.7797863	84	42	Bare Ground		Bare Ground	
R8	2021-10-25 20:38:27 UTC	32.2840393	-107.7797845	85	42.5	Bare Ground		Bare Ground	

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R8	2021-10-25 20:38:40 UTC	32.2840413	-107.7797847	86	43	Forb	POPI3, Portulaca pilosa, Annual Forb	Bare Ground	
R8	2021-10-25 20:38:42 UTC	32.2840502	-107.7797827	87	43.5	Bare Ground		Bare Ground	
R8	2021-10-25 20:38:54 UTC	32.2840502	-107.7797832	88	44	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid	Bare Ground	
R8	2021-10-25 20:38:56 UTC	32.2840612	-107.7797837	89	44.5	Bare Ground		Bare Ground	
R8	2021-10-25 20:39:07 UTC	32.2840623	-107.7797834	90	45	Forb	AMAC, Amaranthus acanthochiton, Annual Forb	Bare Ground	
R8	2021-10-25 20:39:17 UTC	32.2840735	-107.7797878	91	45.5	Forb	TILA2, Tidestromia lanuginosa, Annual forb	Litter	
R8	2021-10-25 20:39:23 UTC	32.2840711	-107.779792	92	46	Litter		Litter	
R8	2021-10-25 20:39:32 UTC	32.2840711	-107.7797922	93	46.5	Bare Ground		Bare Ground	
R8	2021-10-25 20:39:41 UTC	32.2840735	-107.779787	94	47	Litter		Litter	
R8	2021-10-25 20:39:51 UTC	32.2840803	-107.7797828	95	47.5	Forb	POPI3, Portulaca pilosa, Annual Forb	Bare Ground	
R8	2021-10-25 20:40:09 UTC	32.2840847	-107.7797806	96	48	Forb	POPI3, Portulaca pilosa, Annual Forb	Litter	
R8	2021-10-25 20:40:18 UTC	32.2840883	-107.7797804	97	48.5	Litter		Litter	
R8	2021-10-25 20:40:25 UTC	32.2840953	-107.7797788	98	49	Woody Litter		Woody Litter	
R8	2021-10-25 20:40:31 UTC	32.2840997	-107.7797779	99	49.5	Bare Ground		Bare Ground	
R8	2021-10-25 20:40:33 UTC	32.2841029	-107.7797782	100	50	Bare Ground		Bare Ground	
R7	2021-10-25 19:28:14 UTC	32.2835861	-107.7799145	1	0.5	Forb	TILA2, Tidestromia lanuginosa, Annual forb	Bare Ground	
R7	2021-10-25 19:28:18 UTC	32.2835904	-107.7799099	2	1	Bare Ground		Bare Ground	
R7	2021-10-25 19:28:22 UTC	32.2835941	-107.7799077	3	1.5	Bare Ground		Bare Ground	
R7	2021-10-25 19:28:26 UTC	32.2835958	-107.7799088	4	2	Bare Ground		Bare Ground	
R7	2021-10-25 19:28:30 UTC	32.2835999	-107.7799109	5	2.5	Bare Ground		Bare Ground	
R7	2021-10-25 19:28:33 UTC	32.2836103	-107.7799099	6	3	Bare Ground		Bare Ground	
R7	2021-10-25 19:28:37 UTC	32.2836153	-107.779914	7	3.5	Bare Ground		Bare Ground	
R7	2021-10-25 19:34:05 UTC	32.2836218	-107.7799157	8	4	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid	Bare Ground	
R7	2021-10-25 19:29:04 UTC	32.2836387	-107.7799198	9	4.5	Forb	TILA2, Tidestromia lanuginosa, Annual forb	Bare Ground	
R7	2021-10-25 19:29:06 UTC	32.2836394	-107.7799191	10	5	Bare Ground		Bare Ground	
R7	2021-10-25 19:29:25 UTC	32.2836395	-107.7799189	11	5.5	Forb	SATR12, Salsola tragus, Annual Forb	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid
R7	2021-10-25 19:29:36 UTC	32.2836438	-107.7799106	12	6	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid	Bare Ground	
R7	2021-10-25 19:29:39 UTC	32.283641	-107.7799082	13	6.5	Bare Ground		Bare Ground	
R7	2021-10-25 19:30:33 UTC	32.2836409	-107.7799077	14	7	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid	Bare Ground	
R7	2021-10-25 19:30:41 UTC	32.2836711	-107.7799146	15	7.5	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid	Bare Ground	
R7	2021-10-25 19:30:52 UTC	32.2836678	-107.7799059	16	8	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid	Bare Ground	
R7	2021-10-25 19:31:00 UTC	32.2836689	-107.7799129	17	8.5	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid	Bare Ground	
R7	2021-10-25 19:31:11 UTC	32.2836687	-107.7799116	18	9	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid	Bare Ground	
R7	2021-10-25 19:31:18 UTC	32.2836726	-107.7799113	19	9.5	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid	Bare Ground	
R7	2021-10-25 19:31:27 UTC	32.2836746	-107.7799096	20	10	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid	Bare Ground	

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R7	2021-10-25 19:31:39 UTC	32.2836737	-107.7799125	21	10.5	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid	Bare Ground	
R7	2021-10-25 19:31:46 UTC	32.2836745	-107.7799118	22	11	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid	Bare Ground	
R7	2021-10-25 19:31:57 UTC	32.2836744	-107.7799122	23	11.5	Forb	SATR12, Salsola tragus, Annual Forb	Bare Ground	
R7	2021-10-25 19:32:00 UTC	32.2836847	-107.7799091	24	12	Bare Ground		Bare Ground	
R7	2021-10-25 19:32:08 UTC	32.2836864	-107.7799089	25	12.5	Bare Ground		Bare Ground	
R7	2021-10-25 19:32:23 UTC	32.283687	-107.7799076	26	13	Forb	TILA2, Tidestromia lanuginosa, Annual forb	Forb	TILA2, Tidestromia lanuginosa, Annual forb
R7	2021-10-25 19:32:25 UTC	32.2836943	-107.7799116	27	13.5	Bare Ground		Bare Ground	
R7	2021-10-25 19:32:27 UTC	32.2836957	-107.7799119	28	14	Bare Ground		Bare Ground	
R7	2021-10-25 19:32:40 UTC	32.2836967	-107.7799122	29	14.5	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid	Bare Ground	
R7	2021-10-25 19:32:42 UTC	32.2837041	-107.7799109	30	15	Bare Ground		Bare Ground	
R7	2021-10-25 19:32:47 UTC	32.283706	-107.7799112	31	15.5	Bare Ground		Bare Ground	
R7	2021-10-25 19:32:51 UTC	32.2837101	-107.7799146	32	16	Bare Ground		Bare Ground	
R7	2021-10-25 19:33:06 UTC	32.2837154	-107.7799169	33	16.5	Forb	SATR12, Salsola tragus, Annual Forb	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid
R7	2021-10-25 19:33:18 UTC	32.2837365	-107.7799179	34	17	Forb	SATR12, Salsola tragus, Annual Forb	Forb	TILA2, Tidestromia lanuginosa, Annual forb
R7	2021-10-25 19:33:23 UTC	32.2837412	-107.779918	35	17.5	Litter		Litter	
R7	2021-10-25 19:33:25 UTC	32.283741	-107.779918	36	18	Bare Ground		Bare Ground	
R7	2021-10-25 19:33:26 UTC	32.283741	-107.779918	37	18.5	Bare Ground		Bare Ground	
R7	2021-10-25 19:33:34 UTC	32.2837412	-107.7799177	38	19	Litter		Litter	
R7	2021-10-25 19:33:49 UTC	32.2837492	-107.7799157	39	19.5	Forb	TILA2, Tidestromia lanuginosa, Annual forb	Litter	
R7	2021-10-25 19:34:01 UTC	32.2837527	-107.7799126	40	20	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid	Bare Ground	
R7	2021-10-25 19:34:07 UTC	32.2837571	-107.7799189	41	20.5	Bare Ground		Bare Ground	
R7	2021-10-25 19:34:11 UTC	32.283758	-107.7799193	42	21	Bare Ground		Bare Ground	
R7	2021-10-25 19:34:23 UTC	32.283761	-107.7799176	43	21.5	Shrub	PSSC6, Psoralea scoparius, Perennial Shrub	Bare Ground	
R7	2021-10-25 19:34:28 UTC	32.2837687	-107.7799147	44	22	Bare Ground		Bare Ground	
R7	2021-10-25 19:34:51 UTC	32.2837738	-107.7799139	45	22.5	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid	Bare Ground	
R7	2021-10-25 19:35:02 UTC	32.2837829	-107.7799179	46	23	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid	Bare Ground	
R7	2021-10-25 19:35:07 UTC	32.2837884	-107.7799168	47	23.5	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid	Bare Ground	
R7	2021-10-25 19:35:21 UTC	32.2837893	-107.7799177	48	24	Forb	POPI3, Portulaca pilosa, Annual Forb	Bare Ground	
R7	2021-10-25 19:35:34 UTC	32.2838014	-107.7799174	49	24.5	Forb	SATR12, Salsola tragus, Annual Forb	Litter	
R7	2021-10-25 19:35:56 UTC	32.2838038	-107.7799156	50	25	Forb	POPI3, Portulaca pilosa, Annual Forb	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid
R7	2021-10-25 19:35:58 UTC	32.2838169	-107.7799168	51	25.5	Bare Ground		Bare Ground	
R7	2021-10-25 19:36:06 UTC	32.2838176	-107.7799172	52	26	Forb	TILA2, Tidestromia lanuginosa, Annual forb	Bare Ground	
R7	2021-10-25 19:36:10 UTC	32.2838243	-107.7799211	53	26.5	Litter		Litter	
R7	2021-10-25 19:36:14 UTC	32.2838256	-107.7799217	54	27	Litter		Litter	
R7	2021-10-25 19:36:18 UTC	32.2838256	-107.7799206	55	27.5	Bare Ground		Bare Ground	
R7	2021-10-25 19:36:25 UTC	32.2838269	-107.7799166	56	28	Bare Ground		Bare Ground	

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R7	2021-10-25 19:37:04 UTC	32.2838389	-107.7799139	58	29	Forb	POPI3, Portulaca pilosa, Annual Forb	Bare Ground	
R7	2021-10-25 19:37:18 UTC	32.2838457	-107.7799196	59	29.5	Forb	POPI3, Portulaca pilosa, Annual Forb	Litter	
R7	2021-10-25 19:37:23 UTC	32.2838468	-107.7799188	60	30	Litter		Litter	
R7	2021-10-25 19:37:25 UTC	32.2838474	-107.7799186	61	30.5	Bare Ground		Bare Ground	
R7	2021-10-25 19:37:31 UTC	32.2838469	-107.7799182	62	31	Bare Ground		Bare Ground	
R7	2021-10-25 19:37:45 UTC	32.2838472	-107.7799178	63	31.5	Forb	POPI3, Portulaca pilosa, Annual Forb	Bare Ground	
R7	2021-10-25 19:37:57 UTC	32.283862	-107.7799145	64	32	Forb	TILA2, Tidestromia lanuginosa, Annual forb	Bare Ground	
R7	2021-10-25 19:38:01 UTC	32.2838683	-107.779916	65	32.5	Litter		Litter	
R7	2021-10-25 19:38:05 UTC	32.2838686	-107.77992	66	33	Litter		Litter	
R7	2021-10-25 19:38:19 UTC	32.2838678	-107.7799201	67	33.5	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid	Litter	
R7	2021-10-25 19:38:21 UTC	32.2838813	-107.7799265	68	34	Bare Ground		Bare Ground	
R7	2021-10-25 19:38:35 UTC	32.2838823	-107.7799262	69	34.5	Forb	POPI3, Portulaca pilosa, Annual Forb	Bare Ground	
R7	2021-10-25 19:38:48 UTC	32.2838968	-107.779921	70	35	Bare Ground		Bare Ground	
R7	2021-10-25 19:38:59 UTC	32.2839047	-107.7799209	71	35.5	Bare Ground		Bare Ground	
R7	2021-10-25 19:39:13 UTC	32.2839063	-107.7799202	72	36	Forb	POPI3, Portulaca pilosa, Annual Forb	Bare Ground	
R7	2021-10-25 19:39:15 UTC	32.2839082	-107.7799163	73	36.5	Bare Ground		Bare Ground	
R7	2021-10-25 19:39:18 UTC	32.2839077	-107.7799152	74	37	Bare Ground		Bare Ground	
R7	2021-10-25 19:39:21 UTC	32.2839067	-107.7799138	75	37.5	Bare Ground		Bare Ground	
R7	2021-10-25 19:39:40 UTC	32.2839067	-107.7799135	76	38	Forb	POPI3, Portulaca pilosa, Annual Forb	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid
R7	2021-10-25 19:39:53 UTC	32.2839323	-107.7799181	77	38.5	Forb	POPI3, Portulaca pilosa, Annual Forb	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid
R7	2021-10-25 19:39:58 UTC	32.2839301	-107.7799213	78	39	Bare Ground		Bare Ground	
R7	2021-10-25 19:40:11 UTC	32.2839308	-107.7799208	79	39.5	Forb	SATR12, Salsola tragus, Annual Forb	Bare Ground	
R7	2021-10-25 19:40:21 UTC	32.283947	-107.7799144	80	40	Forb	POPI3, Portulaca pilosa, Annual Forb	Bare Ground	
R7	2021-10-25 19:40:29 UTC	32.2839484	-107.779914	81	40.5	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid	Bare Ground	
R7	2021-10-25 19:40:35 UTC	32.2839467	-107.7799156	82	41	Bare Ground		Bare Ground	
R7	2021-10-25 19:40:40 UTC	32.283947	-107.7799149	83	41.5	Bare Ground		Bare Ground	
R7	2021-10-25 19:40:50 UTC	32.2839468	-107.7799141	84	42	Bare Ground		Bare Ground	
R7	2021-10-25 19:40:59 UTC	32.28396	-107.7799148	85	42.5	Bare Ground		Bare Ground	
R7	2021-10-25 19:41:07 UTC	32.2839555	-107.7799221	86	43	Bare Ground		Bare Ground	
R7	2021-10-25 19:41:25 UTC	32.2839698	-107.7799231	87	43.5	Forb	SATR12, Salsola tragus, Annual Forb	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid
R7	2021-10-25 19:41:28 UTC	32.2839789	-107.7799179	88	44	Bare Ground		Bare Ground	
R7	2021-10-25 19:41:32 UTC	32.2839793	-107.7799183	89	44.5	Bare Ground		Bare Ground	
R7	2021-10-25 19:41:40 UTC	32.2839816	-107.7799199	90	45	Litter		Bare Ground	
R7	2021-10-25 19:41:46 UTC	32.2839829	-107.7799128	91	45.5	Litter		Litter	
R7	2021-10-25 19:41:50 UTC	32.2839953	-107.7799182	92	46	Litter		Litter	
R7	2021-10-25 19:41:53 UTC	32.2839954	-107.7799176	93	46.5	Bare Ground		Bare Ground	
R7	2021-10-25 19:42:09 UTC	32.2839969	-107.7799176	94	47	Forb	TILA2, Tidestromia lanuginosa, Annual forb	Bare Ground	
R7	2021-10-25 19:42:12 UTC	32.2839966	-107.7799182	95	47.5	Bare Ground		Bare Ground	
R7	2021-10-25 19:42:31 UTC	32.2839966	-107.7799182	96	48	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid	Bare Ground	
R7	2021-10-25 19:42:39 UTC	32.2840206	-107.7799209	97	48.5	Bare Ground		Bare Ground	
R7	2021-10-25 19:42:40 UTC	32.2840221	-107.7799189	98	49	Bare Ground		Bare Ground	
R7	2021-10-25 19:42:42 UTC	32.2840221	-107.7799189	99	49.5	Bare Ground		Bare Ground	
R7	2021-10-25 19:42:43 UTC	32.2840221	-107.7799178	100	50	Bare Ground		Bare Ground	



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R6	2021-10-25 18:50:52 UTC	32.2833952	-107.7797617	2	1	Shrub	EPTR, Ephedra trifurca, Perennial Shrub	Bare Ground	
R6	2021-10-25 18:51:03 UTC	32.2834032	-107.7797532	3	1.5	Shrub	EPTR, Ephedra trifurca, Perennial Shrub	Litter	
R6	2021-10-25 18:51:11 UTC	32.2834072	-107.7797561	4	2	Woody Litter		Woody Litter	
R6	2021-10-25 18:51:18 UTC	32.283413	-107.7797508	5	2.5	Woody Litter		Woody Litter	
R6	2021-10-25 18:51:22 UTC	32.2834187	-107.7797461	6	3	Litter		Litter	
R6	2021-10-25 18:52:40 UTC	32.2834179	-107.7797434	7	3.5	Litter		Forb	PEAN, Pectis angustifolia, Annual Forb
R6	2021-10-25 18:53:05 UTC	32.2834281	-107.7797464	8	4	Bare Ground		Bare Ground	
R6	2021-10-25 18:53:39 UTC	32.2834436	-107.7797502	9	4.5	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid	Bare Ground	
R6	2021-10-25 18:53:56 UTC	32.2834419	-107.779746	10	5	Forb	POPI3, Portulaca pilosa, Annual Forb	Bare Ground	
R6	2021-10-25 18:54:10 UTC	32.2834471	-107.7797402	11	5.5	Forb	TILA2, Tidestromia lanuginosa, Annual forb	Bare Ground	
R6	2021-10-25 18:54:11 UTC	32.2834476	-107.7797397	12	6	Bare Ground		Bare Ground	
R6	2021-10-25 18:54:16 UTC	32.2834472	-107.7797402	13	6.5	Bare Ground		Bare Ground	
R6	2021-10-25 18:54:28 UTC	32.2834462	-107.7797419	14	7	Bare Ground		Bare Ground	
R6	2021-10-25 18:54:41 UTC	32.2834546	-107.7797478	15	7.5	Forb	TILA2, Tidestromia lanuginosa, Annual forb	Bare Ground	
R6	2021-10-25 18:54:54 UTC	32.2834635	-107.7797496	16	8	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid	Bare Ground	
R6	2021-10-25 18:55:23 UTC	32.2834621	-107.7797516	17	8.5	Forb	POPI3, Portulaca pilosa, Annual Forb	Bare Ground	
R6	2021-10-25 18:55:30 UTC	32.2834762	-107.7797518	18	9	Bare Ground		Bare Ground	
R6	2021-10-25 18:55:34 UTC	32.2834792	-107.7797489	19	9.5	Bare Ground		Bare Ground	
R6	2021-10-25 18:55:37 UTC	32.2834796	-107.7797493	20	10	Bare Ground		Bare Ground	
R6	2021-10-25 18:55:47 UTC	32.2834793	-107.7797507	21	10.5	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid	Bare Ground	
R6	2021-10-25 18:56:01 UTC	32.2834811	-107.7797438	22	11	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid
R6	2021-10-25 18:56:02 UTC	32.2834883	-107.7797422	23	11.5	Bare Ground		Bare Ground	
R6	2021-10-25 18:56:07 UTC	32.2834883	-107.7797422	24	12	Litter		Litter	
R6	2021-10-25 18:56:16 UTC	32.2834907	-107.7797441	25	12.5	Litter		Litter	
R6	2021-10-25 18:56:20 UTC	32.2835034	-107.7797539	26	13	Bare Ground		Bare Ground	
R6	2021-10-25 18:56:23 UTC	32.2835088	-107.7797524	27	13.5	Bare Ground		Bare Ground	
R6	2021-10-25 18:56:45 UTC	32.2835109	-107.7797516	28	14	Forb	TILA2, Tidestromia lanuginosa, Annual forb	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid
R6	2021-10-25 18:56:47 UTC	32.2835291	-107.779745	29	14.5	Bare Ground		Bare Ground	
R6	2021-10-25 18:56:48 UTC	32.2835291	-107.779745	30	15	Bare Ground		Bare Ground	
R6	2021-10-25 18:56:50 UTC	32.2835294	-107.7797453	31	15.5	Bare Ground		Bare Ground	
R6	2021-10-25 18:56:54 UTC	32.2835295	-107.779746	32	16	Bare Ground		Bare Ground	
R6	2021-10-25 18:56:59 UTC	32.2835297	-107.7797463	33	16.5	Bare Ground		Bare Ground	
R6	2021-10-25 18:57:02 UTC	32.2835304	-107.7797435	34	17	Bare Ground		Bare Ground	
R6	2021-10-25 18:57:08 UTC	32.2835314	-107.7797424	35	17.5	Bare Ground		Bare Ground	
R6	2021-10-25 18:57:14 UTC	32.2835374	-107.7797446	36	18	Bare Ground		Bare Ground	
R6	2021-10-25 18:57:22 UTC	32.2835466	-107.7797451	37	18.5	Litter		Litter	
R6	2021-10-25 18:57:26 UTC	32.2835522	-107.7797501	38	19	Litter		Litter	
R6	2021-10-25 18:57:31 UTC	32.2835567	-107.779752	39	19.5	Litter		Litter	
R6	2021-10-25 18:57:35 UTC	32.2835585	-107.7797546	40	20	Litter		Litter	
R6	2021-10-25 18:57:38 UTC	32.2835656	-107.7797599	41	20.5	Bare Ground		Bare Ground	
R6	2021-10-25 18:57:41 UTC	32.2835683	-107.7797601	42	21	Bare Ground		Bare Ground	
R6	2021-10-25 18:57:44 UTC	32.2835731	-107.7797597	43	21.5	Bare Ground		Bare Ground	
R6	2021-10-25 18:57:47 UTC	32.2835743	-107.7797593	44	22	Bare Ground		Bare Ground	
R6	2021-10-25 18:57:55 UTC	32.2835773	-107.7797577	45	22.5	Litter		Litter	
R6	2021-10-25 18:58:13 UTC	32.2835822	-107.7797541	46	23	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid	Bare Ground	
R6	2021-10-25 18:58:21 UTC	32.2835938	-107.7797526	47	23.5	Bare Ground		Bare Ground	

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R6	2021-10-25 18:58:54 UTC	32.2836006	-107.7797493	48	24	Forb	TILA2, Tidestromia lanuginosa, Annual forb	Forb	TILA2, Tidestromia lanuginosa, Annual forb
R6	2021-10-25 18:58:58 UTC	32.2836211	-107.779744	49	24.5	Bare Ground		Bare Ground	
R6	2021-10-25 18:59:12 UTC	32.2836201	-107.7797453	50	25	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid	Bare Ground	
R6	2021-10-25 18:59:14 UTC	32.2836241	-107.7797507	51	25.5	Bare Ground		Bare Ground	
R6	2021-10-25 18:59:29 UTC	32.2836257	-107.7797509	52	26	Bare Ground		Bare Ground	
R6	2021-10-25 18:59:51 UTC	32.2836272	-107.7797489	53	26.5	Forb	SATR12, Salsola tragus, Annual Forb	Bare Ground	
R6	2021-10-25 19:00:02 UTC	32.2836266	-107.7797518	54	27	Forb	SATR12, Salsola tragus, Annual Forb	Bare Ground	
R6	2021-10-25 19:00:04 UTC	32.2836339	-107.7797515	55	27.5	Bare Ground		Bare Ground	
R6	2021-10-25 19:00:05 UTC	32.2836349	-107.7797514	56	28	Bare Ground		Bare Ground	
R6	2021-10-25 19:00:06 UTC	32.2836349	-107.7797514	57	28.5	Bare Ground		Bare Ground	
R6	2021-10-25 19:00:23 UTC	32.2836355	-107.7797515	58	29	Forb	SATR12, Salsola tragus, Annual Forb	Bare Ground	
R6	2021-10-25 19:00:26 UTC	32.283662	-107.7797508	59	29.5	Bare Ground		Bare Ground	
R6	2021-10-25 19:00:32 UTC	32.2836632	-107.7797501	60	30	Bare Ground		Bare Ground	
R6	2021-10-25 19:00:41 UTC	32.2836612	-107.7797456	61	30.5	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid	Bare Ground	
R6	2021-10-25 19:00:56 UTC	32.2836626	-107.779744	62	31	Forb	TILA2, Tidestromia lanuginosa, Annual forb	Bare Ground	
R6	2021-10-25 19:00:57 UTC	32.2836817	-107.7797498	63	31.5	Bare Ground		Bare Ground	
R6	2021-10-25 19:01:01 UTC	32.2836817	-107.7797498	64	32	Bare Ground		Bare Ground	
R6	2021-10-25 19:01:15 UTC	32.2836869	-107.7797488	65	32.5	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid	Bare Ground	
R6	2021-10-25 19:01:36 UTC	32.283697	-107.7797475	66	33	Forb	SATR12, Salsola tragus, Annual Forb	Bare Ground	
R6	2021-10-25 19:01:43 UTC	32.2837069	-107.7797478	67	33.5	Litter		Litter	
R6	2021-10-25 19:02:22 UTC	32.2837062	-107.7797472	68	34	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid	Bare Ground	
R6	2021-10-25 19:02:25 UTC	32.2837132	-107.7797511	69	34.5	Bare Ground		Bare Ground	
R6	2021-10-25 19:02:35 UTC	32.2837129	-107.7797502	70	35	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid	Bare Ground	
R6	2021-10-25 19:02:42 UTC	32.2837109	-107.7797465	71	35.5	Bare Ground		Bare Ground	
R6	2021-10-25 19:03:03 UTC	32.283712	-107.7797469	72	36	Bare Ground		Bare Ground	
R6	2021-10-25 19:03:22 UTC	32.2837157	-107.7797564	73	36.5	Litter		Litter	
R6	2021-10-25 19:03:28 UTC	32.2837314	-107.7797539	74	37	Bare Ground		Bare Ground	
R6	2021-10-25 19:03:34 UTC	32.2837296	-107.7797497	75	37.5	Bare Ground		Bare Ground	
R6	2021-10-25 19:03:52 UTC	32.2837288	-107.7797472	76	38	Bare Ground		Bare Ground	
R6	2021-10-25 19:04:03 UTC	32.2837442	-107.7797399	77	38.5	Forb	SATR12, Salsola tragus, Annual Forb	Bare Ground	
R6	2021-10-25 19:04:12 UTC	32.2837466	-107.7797416	78	39	Shrub	PSSC6, Psoralea scoparius, Perennial Shrub	Bare Ground	
R6	2021-10-25 19:04:24 UTC	32.2837491	-107.7797429	79	39.5	Shrub	PSSC6, Psoralea scoparius, Perennial Shrub	Litter	
R6	2021-10-25 19:04:36 UTC	32.2837528	-107.7797428	80	40	Shrub	PSSC6, Psoralea scoparius, Perennial Shrub	Bare Ground	
R6	2021-10-25 19:04:38 UTC	32.283751	-107.7797472	81	40.5	Bare Ground		Bare Ground	
R6	2021-10-25 19:04:39 UTC	32.2837517	-107.7797472	82	41	Bare Ground		Bare Ground	
R6	2021-10-25 19:04:42 UTC	32.2837528	-107.7797459	83	41.5	Bare Ground		Bare Ground	
R6	2021-10-25 19:04:59 UTC	32.2837524	-107.7797453	84	42	Forb	AMAC, Amaranthus acanthochiton, Annual Forb	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid
R6	2021-10-25 19:05:05 UTC	32.2837757	-107.7797485	85	42.5	Bare Ground		Bare Ground	
R6	2021-10-25 19:05:23 UTC	32.2837747	-107.779749	86	43	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid	Bare Ground	
R6	2021-10-25 19:05:25 UTC	32.2837746	-107.7797509	87	43.5	Bare Ground		Bare Ground	

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R6	2021-10-25 19:05:55 UTC	32.2837893	-107.779759	89	44.5	Bare Ground		Bare Ground	
R6	2021-10-25 19:06:04 UTC	32.2837934	-107.7797567	90	45	Bare Ground		Bare Ground	
R6	2021-10-25 19:06:10 UTC	32.283798	-107.7797568	91	45.5	Bare Ground		Bare Ground	
R6	2021-10-25 19:06:14 UTC	32.2838014	-107.7797556	92	46	Bare Ground		Bare Ground	
R6	2021-10-25 19:06:23 UTC	32.283804	-107.7797549	93	46.5	Bare Ground		Bare Ground	
R6	2021-10-25 19:06:26 UTC	32.2838071	-107.7797562	94	47	Bare Ground		Bare Ground	
R6	2021-10-25 19:06:30 UTC	32.2838091	-107.7797558	95	47.5	Bare Ground		Bare Ground	
R6	2021-10-25 19:06:32 UTC	32.2838098	-107.7797545	96	48	Bare Ground		Bare Ground	
R6	2021-10-25 19:06:36 UTC	32.2838128	-107.7797593	97	48.5	Bare Ground		Bare Ground	
R6	2021-10-25 19:06:40 UTC	32.2838161	-107.7797533	98	49	Bare Ground		Bare Ground	
R6	2021-10-25 19:06:47 UTC	32.283819	-107.7797517	99	49.5	Bare Ground		Bare Ground	
R6	2021-10-25 19:06:48 UTC	32.2838247	-107.7797553	100	50	Bare Ground		Bare Ground	
R5	2021-10-25 18:19:12 UTC	32.2834642	-107.7802778	1	0.5	Bare Ground		Bare Ground	
R5	2021-10-25 18:19:18 UTC	32.2834638	-107.7802701	2	1	Bare Ground		Bare Ground	
R5	2021-10-25 18:19:45 UTC	32.2834677	-107.7802696	3	1.5	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid	Bare Ground	
R5	2021-10-25 18:19:51 UTC	32.2834616	-107.7802753	4	2	Bare Ground		Bare Ground	
R5	2021-10-25 18:20:00 UTC	32.283465	-107.7802753	5	2.5	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid	Bare Ground	
R5	2021-10-25 18:20:08 UTC	32.2834679	-107.78027	6	3	Forb	SATR12, Salsola tragus, Annual Forb	Bare Ground	
R5	2021-10-25 18:20:12 UTC	32.2834709	-107.7802699	7	3.5	Litter		Litter	
R5	2021-10-25 18:20:20 UTC	32.2834716	-107.7802709	8	4	Bare Ground		Bare Ground	
R5	2021-10-25 18:20:31 UTC	32.2834745	-107.7802699	9	4.5	Forb	TILA2, Tidestromia lanuginosa, Annual forb	Bare Ground	
R5	2021-10-25 18:20:35 UTC	32.2834956	-107.7802689	10	5	Bare Ground		Bare Ground	
R5	2021-10-25 18:20:41 UTC	32.2834954	-107.7802707	11	5.5	Bare Ground		Bare Ground	
R5	2021-10-25 18:20:46 UTC	32.2834965	-107.7802702	12	6	Bare Ground		Bare Ground	
R5	2021-10-25 18:21:08 UTC	32.2834983	-107.7802705	13	6.5	Forb	TILA2, Tidestromia lanuginosa, Annual forb	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid
R5	2021-10-25 18:21:17 UTC	32.28351	-107.7802807	14	7	Grass	DAPU7, Dasyochloa pulchella, Perennial Graminoid	Bare Ground	
R5	2021-10-25 18:21:21 UTC	32.283513	-107.7802788	15	7.5	Litter		Litter	
R5	2021-10-25 18:21:25 UTC	32.2835134	-107.7802776	16	8	Litter		Litter	
R5	2021-10-25 18:21:31 UTC	32.2835122	-107.7802766	17	8.5	Litter		Litter	
R5	2021-10-25 18:21:35 UTC	32.283516	-107.7802779	18	9	Bare Ground		Bare Ground	
R5	2021-10-25 18:21:41 UTC	32.2835159	-107.7802742	19	9.5	Bare Ground		Bare Ground	
R5	2021-10-25 18:21:44 UTC	32.2835225	-107.7802768	20	10	Bare Ground		Bare Ground	
R5	2021-10-25 18:21:50 UTC	32.2835284	-107.7802812	21	10.5	Litter		Litter	
R5	2021-10-25 18:22:48 UTC	32.2835407	-107.7802795	22	11	Litter		Litter	
R5	2021-10-25 18:23:09 UTC	32.2835529	-107.7802763	23	11.5	Forb	AMAC, Amaranthus acanthochiton, Annual Forb	Bare Ground	
R5	2021-10-25 18:25:01 UTC	32.2835616	-107.7802741	24	12	Bare Ground		Bare Ground	
R5	2021-10-25 18:25:06 UTC	32.2835549	-107.780275	25	12.5	Bare Ground		Bare Ground	
R5	2021-10-25 18:25:39 UTC	32.2835557	-107.780274	26	13	Forb	TILA2, Tidestromia lanuginosa, Annual forb	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid
R5	2021-10-25 18:25:51 UTC	32.283571	-107.780275	27	13.5	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid	Bare Ground	
R5	2021-10-25 18:25:52 UTC	32.2835686	-107.7802772	28	14	Bare Ground		Bare Ground	
R5	2021-10-25 18:25:56 UTC	32.2835688	-107.7802767	29	14.5	Bare Ground		Bare Ground	
R5	2021-10-25 18:26:00 UTC	32.2835684	-107.7802755	30	15	Bare Ground		Bare Ground	
R5	2021-10-25 18:26:17 UTC	32.2835673	-107.7802744	31	15.5	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid	Bare Ground	
R5	2021-10-25 18:26:19 UTC	32.2835836	-107.7802772	32	16	Bare Ground		Bare Ground	
R5	2021-10-25 18:26:31 UTC	32.2835862	-107.7802778	33	16.5	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid	Bare Ground	

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R5	2021-10-25 18:26:48 UTC	32.2836095	-107.7802791	35	17.5	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid	Bare Ground	
R5	2021-10-25 18:27:07 UTC	32.283611	-107.7802829	36	18	Forb	POPI3, Portulaca pilosa, Annual Forb	Bare Ground	
R5	2021-10-25 18:27:10 UTC	32.2836156	-107.7802743	37	18.5	Bare Ground		Bare Ground	
R5	2021-10-25 18:27:23 UTC	32.2836153	-107.780275	38	19	Forb	TILA2, Tidestromia lanuginosa, Annual forb	Bare Ground	
R5	2021-10-25 18:27:38 UTC	32.2836218	-107.7802787	39	19.5	Shrub	PSSC6, Psoralea scoparius, Perennial Shrub	Bare Ground	
R5	2021-10-25 18:27:54 UTC	32.2836248	-107.7802764	40	20	Shrub	PSSC6, Psoralea scoparius, Perennial Shrub	Litter	
R5	2021-10-25 18:28:15 UTC	32.2836313	-107.7802742	41	20.5	Shrub	PSSC6, Psoralea scoparius, Perennial Shrub	Woody Litter	
R5	2021-10-25 18:28:32 UTC	32.2836358	-107.7802774	42	21	Shrub	PSSC6, Psoralea scoparius, Perennial Shrub	Woody Litter	
R5	2021-10-25 18:28:46 UTC	32.2836466	-107.7802685	43	21.5	Shrub	PSSC6, Psoralea scoparius, Perennial Shrub	Litter	
R5	2021-10-25 18:28:50 UTC	32.2836425	-107.7802619	44	22	Litter		Litter	
R5	2021-10-25 18:28:52 UTC	32.2836427	-107.7802623	45	22.5	Bare Ground		Bare Ground	
R5	2021-10-25 18:28:55 UTC	32.2836431	-107.7802622	46	23	Bare Ground		Bare Ground	
R5	2021-10-25 18:29:03 UTC	32.2836433	-107.7802625	47	23.5	Bare Ground		Bare Ground	
R5	2021-10-25 18:29:33 UTC	32.2836437	-107.7802628	48	24	Forb	TILA2, Tidestromia lanuginosa, Annual forb	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid
R5	2021-10-25 18:29:34 UTC	32.2836689	-107.7802785	49	24.5	Bare Ground		Bare Ground	
R5	2021-10-25 18:29:36 UTC	32.2836689	-107.7802785	50	25	Bare Ground		Bare Ground	
R5	2021-10-25 18:30:11 UTC	32.28367	-107.7802785	51	25.5	Forb	DIWI2, Dimorphocarpa wislizeni, Annual/Biennial/Perennial Forb	Bare Ground	
R5	2021-10-25 18:30:16 UTC	32.2836892	-107.7802727	52	26	Bare Ground		Bare Ground	
R5	2021-10-25 18:30:21 UTC	32.2836876	-107.7802738	53	26.5	Bare Ground		Bare Ground	
R5	2021-10-25 18:30:37 UTC	32.2836867	-107.7802746	54	27	Litter		Litter	
R5	2021-10-25 18:31:49 UTC	32.2836893	-107.7802766	55	27.5	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid	Forb	POPI3, Portulaca pilosa, Annual Forb
R5	2021-10-25 18:32:05 UTC	32.2837083	-107.780279	56	28	Forb	AMAC, Amaranthus acanthochiton, Annual Forb	Bare Ground	
R5	2021-10-25 18:32:25 UTC	32.283711	-107.7802735	57	28.5	Forb	POPI3, Portulaca pilosa, Annual Forb	Bare Ground	
R5	2021-10-25 18:32:27 UTC	32.2837101	-107.7802765	58	29	Bare Ground		Bare Ground	
R5	2021-10-25 18:32:29 UTC	32.2837101	-107.7802765	59	29.5	Bare Ground		Bare Ground	
R5	2021-10-25 18:32:32 UTC	32.2837099	-107.7802759	60	30	Bare Ground		Bare Ground	
R5	2021-10-25 18:32:48 UTC	32.2837107	-107.7802753	61	30.5	Forb	TILA2, Tidestromia lanuginosa, Annual forb	Bare Ground	
R5	2021-10-25 18:32:56 UTC	32.283723	-107.7802796	62	31	Bare Ground		Bare Ground	
R5	2021-10-25 18:33:04 UTC	32.2837256	-107.7802779	63	31.5	Bare Ground		Bare Ground	
R5	2021-10-25 18:33:22 UTC	32.283725	-107.7802774	64	32	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid	Litter	
R5	2021-10-25 18:33:26 UTC	32.2837431	-107.7802752	65	32.5	Litter		Litter	
R5	2021-10-25 18:33:28 UTC	32.283744	-107.7802738	66	33	Bare Ground		Bare Ground	
R5	2021-10-25 18:33:56 UTC	32.2837441	-107.7802737	67	33.5	Forb	BOCO2, Boerhavia coulteri, Annual Forb	Forb	POPI3, Portulaca pilosa, Annual Forb
R5	2021-10-25 18:34:03 UTC	32.2837645	-107.780282	68	34	Bare Ground		Bare Ground	
R5	2021-10-25 18:34:04 UTC	32.283764	-107.7802826	69	34.5	Bare Ground		Bare Ground	

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R5	2021-10-25 18:34:26 UTC	32.2837678	-107.7802799	71	35.5	Litter		Litter	
R5	2021-10-25 18:34:30 UTC	32.2837684	-107.7802811	72	36	Litter		Litter	
R5	2021-10-25 18:34:40 UTC	32.2837692	-107.7802811	73	36.5	Forb	POPI3, Portulaca pilosa, Annual Forb	Bare Ground	
R5	2021-10-25 18:34:44 UTC	32.2837779	-107.7802778	74	37	Litter		Litter	
R5	2021-10-25 18:34:46 UTC	32.2837792	-107.7802774	75	37.5	Bare Ground		Bare Ground	
R5	2021-10-25 18:34:51 UTC	32.2837807	-107.7802782	76	38	Bare Ground		Bare Ground	
R5	2021-10-25 18:35:11 UTC	32.2837831	-107.7802762	77	38.5	Forb	BOCO2, Boerhavia coulteri, Annual Forb	Bare Ground	
R5	2021-10-25 18:35:13 UTC	32.2837917	-107.7802777	78	39	Bare Ground		Bare Ground	
R5	2021-10-25 18:35:30 UTC	32.2837921	-107.7802782	79	39.5	Litter		Litter	
R5	2021-10-25 18:35:34 UTC	32.2838082	-107.7802755	80	40	Bare Ground		Bare Ground	
R5	2021-10-25 18:35:39 UTC	32.2838075	-107.7802775	81	40.5	Litter		Litter	
R5	2021-10-25 18:35:45 UTC	32.2838069	-107.7802789	82	41	Litter		Litter	
R5	2021-10-25 18:35:49 UTC	32.2838051	-107.7802787	83	41.5	Litter		Litter	
R5	2021-10-25 18:35:58 UTC	32.2838054	-107.7802791	84	42	Forb	POPI3, Portulaca pilosa, Annual Forb	Bare Ground	
R5	2021-10-25 18:36:13 UTC	32.2838035	-107.7802793	85	42.5	Shrub	PSSC6, Psoralea scoparius, Perennial Shrub	Litter	
R5	2021-10-25 18:36:29 UTC	32.2838257	-107.7802799	86	43	Shrub	PSSC6, Psoralea scoparius, Perennial Shrub	Bare Ground	
R5	2021-10-25 18:36:59 UTC	32.283855	-107.7802805	87	43.5	Forb	POPI3, Portulaca pilosa, Annual Forb	Bare Ground	
R5	2021-10-25 18:37:04 UTC	32.2838467	-107.780281	88	44	Litter		Litter	
R5	2021-10-25 18:37:24 UTC	32.2838484	-107.780283	89	44.5	Bare Ground		Bare Ground	
R5	2021-10-25 18:37:27 UTC	32.2838691	-107.7802787	90	45	Bare Ground		Bare Ground	
R5	2021-10-25 18:37:35 UTC	32.2838696	-107.7802784	91	45.5	Bare Ground		Bare Ground	
R5	2021-10-25 18:38:02 UTC	32.2838702	-107.7802777	92	46	Grass	BOAR, Bouteloua aristoides, Annual Graminoid	Bare Ground	
R5	2021-10-25 18:38:21 UTC	32.2838607	-107.7802768	93	46.5	Forb	AMAC, Amaranthus acanthochiton, Annual Forb	Forb	POPI3, Portulaca pilosa, Annual Forb
R5	2021-10-25 18:38:23 UTC	32.2838647	-107.7802771	94	47	Bare Ground		Bare Ground	
R5	2021-10-25 18:38:24 UTC	32.2838646	-107.7802786	95	47.5	Bare Ground		Bare Ground	
R5	2021-10-25 18:38:26 UTC	32.2838646	-107.7802786	96	48	Bare Ground		Bare Ground	
R5	2021-10-25 18:38:28 UTC	32.2838649	-107.7802785	97	48.5	Bare Ground		Bare Ground	
R5	2021-10-25 18:38:31 UTC	32.2838649	-107.7802781	98	49	Bare Ground		Bare Ground	
R5	2021-10-25 18:38:33 UTC	32.2838642	-107.780279	99	49.5	Bare Ground		Bare Ground	
R5	2021-10-25 18:38:53 UTC	32.2838666	-107.7802796	100	50	Forb	POPI3, Portulaca pilosa, Annual Forb	Bare Ground	
R4	2021-10-25 17:43:01 UTC	32.2837467	-107.7806613	1	0.5	Bare Ground		Bare Ground	
R4	2021-10-25 17:43:08 UTC	32.2837684	-107.7806669	2	1	Bare Ground		Bare Ground	
R4	2021-10-25 17:44:13 UTC	32.2837672	-107.7806657	3	1.5	Forb	AMAC, Amaranthus acanthochiton, Annual Forb	Bare Ground	
R4	2021-10-25 17:44:16 UTC	32.2837833	-107.7806625	4	2	Bare Ground		Bare Ground	
R4	2021-10-25 17:44:19 UTC	32.2837832	-107.7806619	5	2.5	Bare Ground		Bare Ground	
R4	2021-10-25 17:44:35 UTC	32.2837863	-107.7806576	6	3	Forb	AMAC, Amaranthus acanthochiton, Annual Forb	Woody Litter	
R4	2021-10-25 17:44:37 UTC	32.2837904	-107.780661	7	3.5	Bare Ground		Bare Ground	
R4	2021-10-25 17:44:40 UTC	32.2837913	-107.7806609	8	4	Bare Ground		Bare Ground	
R4	2021-10-25 17:44:49 UTC	32.283792	-107.7806602	9	4.5	Bare Ground		Bare Ground	
R4	2021-10-25 17:44:53 UTC	32.2837961	-107.7806591	10	5	Bare Ground		Bare Ground	
R4	2021-10-25 17:45:04 UTC	32.2837983	-107.7806607	11	5.5	Litter		Litter	
R4	2021-10-25 17:45:08 UTC	32.2838037	-107.7806657	12	6	Litter		Litter	
R4	2021-10-25 17:45:13 UTC	32.283806	-107.7806672	13	6.5	Woody Litter		Woody Litter	
R4	2021-10-25 17:45:19 UTC	32.2838086	-107.7806649	14	7	Litter		Litter	
R4	2021-10-25 17:45:28 UTC	32.2838172	-107.7806639	15	7.5	Forb	AMAC, Amaranthus acanthochiton, Annual Forb	Bare Ground	
R4	2021-10-25 17:45:30 UTC	32.2838199	-107.780665	16	8	Bare Ground		Bare Ground	
R4	2021-10-25 17:45:35 UTC	32.2838203	-107.7806648	17	8.5	Bare Ground		Bare Ground	

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R4	2021-10-25 17:45:47 UTC	32.28382	-107.7806641	18	9	Forb	AMAC, Amaranthus acanthochiton, Annual Forb	Bare Ground	
R4	2021-10-25 17:45:56 UTC	32.2838393	-107.7806661	19	9.5	Forb	AMAC, Amaranthus acanthochiton, Annual Forb	Bare Ground	
R4	2021-10-25 17:45:58 UTC	32.2838468	-107.7806676	20	10	Bare Ground		Bare Ground	
R4	2021-10-25 17:45:59 UTC	32.2838468	-107.7806676	21	10.5	Bare Ground		Bare Ground	
R4	2021-10-25 17:46:01 UTC	32.2838477	-107.7806683	22	11	Bare Ground		Bare Ground	
R4	2021-10-25 17:46:08 UTC	32.2838477	-107.7806683	23	11.5	Bare Ground		Bare Ground	
R4	2021-10-25 17:46:14 UTC	32.2838496	-107.7806715	24	12	Bare Ground		Bare Ground	
R4	2021-10-25 17:46:15 UTC	32.2838501	-107.780671	25	12.5	Bare Ground		Bare Ground	
R4	2021-10-25 17:46:17 UTC	32.2838526	-107.780671	26	13	Bare Ground		Bare Ground	
R4	2021-10-25 17:46:26 UTC	32.2838557	-107.7806701	27	13.5	Litter		Litter	
R4	2021-10-25 17:46:28 UTC	32.2838768	-107.7806652	28	14	Bare Ground		Bare Ground	
R4	2021-10-25 17:46:31 UTC	32.2838786	-107.7806659	29	14.5	Bare Ground		Bare Ground	
R4	2021-10-25 17:46:36 UTC	32.2838821	-107.780664	30	15	Litter		Litter	
R4	2021-10-25 17:46:44 UTC	32.2838903	-107.7806628	31	15.5	Litter		Litter	
R4	2021-10-25 17:46:47 UTC	32.2838928	-107.7806611	32	16	Bare Ground		Bare Ground	
R4	2021-10-25 17:47:00 UTC	32.2838941	-107.7806599	33	16.5	Forb	AMAC, Amaranthus acanthochiton, Annual Forb	Bare Ground	
R4	2021-10-25 17:47:05 UTC	32.2839093	-107.7806602	34	17	Litter		Litter	
R4	2021-10-25 17:47:17 UTC	32.2839076	-107.7806604	35	17.5	Forb	AMAC, Amaranthus acanthochiton, Annual Forb	Litter	
R4	2021-10-25 17:47:19 UTC	32.2839115	-107.7806647	36	18	Bare Ground		Bare Ground	
R4	2021-10-25 17:47:26 UTC	32.2839127	-107.7806659	37	18.5	Litter		Litter	
R4	2021-10-25 17:47:29 UTC	32.2839155	-107.7806643	38	19	Litter		Litter	
R4	2021-10-25 17:47:34 UTC	32.2839199	-107.7806626	39	19.5	Litter		Litter	
R4	2021-10-25 17:47:48 UTC	32.2839223	-107.7806604	40	20	Forb	AMAC, Amaranthus acanthochiton, Annual Forb	Litter	
R4	2021-10-25 17:47:57 UTC	32.2839366	-107.78065	41	20.5	Forb	AMAC, Amaranthus acanthochiton, Annual Forb	Bare Ground	
R4	2021-10-25 17:48:01 UTC	32.2839375	-107.7806538	42	21	Litter		Litter	
R4	2021-10-25 17:48:06 UTC	32.2839364	-107.780654	43	21.5	Litter		Litter	
R4	2021-10-25 17:48:10 UTC	32.2839357	-107.7806543	44	22	Litter		Litter	
R4	2021-10-25 17:48:26 UTC	32.2839367	-107.7806535	45	22.5	Forb	AMAC, Amaranthus acanthochiton, Annual Forb	Litter	
R4	2021-10-25 17:48:48 UTC	32.2839613	-107.7806639	46	23	Forb	AMAC, Amaranthus acanthochiton, Annual Forb	Grass	DAPU7, Dasyochloa pulchella, Perennial Graminoid
R4	2021-10-25 17:49:02 UTC	32.2839654	-107.7806607	47	23.5	Grass	DAPU7, Dasyochloa pulchella, Perennial Graminoid	Bare Ground	
R4	2021-10-25 17:49:25 UTC	32.2839736	-107.780663	48	24	Bare Ground		Bare Ground	
R4	2021-10-25 17:49:27 UTC	32.2839904	-107.7806615	49	24.5	Bare Ground		Bare Ground	
R4	2021-10-25 17:49:36 UTC	32.2839895	-107.7806595	50	25	Litter		Litter	
R4	2021-10-25 17:49:45 UTC	32.2839863	-107.7806616	51	25.5	Bare Ground		Bare Ground	
R4	2021-10-25 17:49:51 UTC	32.2839865	-107.7806622	52	26	Litter		Litter	
R4	2021-10-25 17:49:55 UTC	32.2839879	-107.7806538	53	26.5	Bare Ground		Bare Ground	
R4	2021-10-25 17:50:05 UTC	32.2839869	-107.7806507	54	27	Bare Ground		Bare Ground	
R4	2021-10-25 17:50:10 UTC	32.2839983	-107.7806594	55	27.5	Bare Ground		Bare Ground	
R4	2021-10-25 17:55:28 UTC	32.2839967	-107.7806591	56	28	Forb	AMAC, Amaranthus acanthochiton, Annual Forb	Litter	
R4	2021-10-25 17:55:43 UTC	32.2840116	-107.7806666	57	28.5	Litter		Litter	
R4	2021-10-25 17:55:34 UTC	32.2840122	-107.7806676	58	29	Bare Ground		Bare Ground	
R4	2021-10-25 17:55:52 UTC	32.2840205	-107.7806654	59	29.5	Forb	POPI3, Portulaca pilosa, Annual Forb	Litter	
R4	2021-10-25 17:51:42 UTC	32.2840295	-107.7806638	60	30	Bare Ground		Bare Ground	
R4	2021-10-25 17:51:49 UTC	32.284026	-107.7806701	61	30.5	Bare Ground		Bare Ground	
R4	2021-10-25 17:56:03 UTC	32.2840297	-107.7806697	62	31	Forb	BOCO2, Boerhavia coulteri, Annual Forb	Bare Ground	
R4	2021-10-25 17:56:12 UTC	32.2840327	-107.7806588	63	31.5	Bare Ground		Bare Ground	
R4	2021-10-25 17:56:16 UTC	32.2840359	-107.7806605	64	32	Bare Ground		Bare Ground	



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R4	2021-10-25 17:56:35 UTC	32.2840481	-107.7806689	66	33	Forb	BOCO2, Boerhavia coulteri, Annual Forb	Bare Ground	
R4	2021-10-25 17:56:47 UTC	32.2840552	-107.7806576	67	33.5	Forb	BOCO2, Boerhavia coulteri, Annual Forb	Bare Ground	
R4	2021-10-25 17:56:52 UTC	32.2840583	-107.7806611	68	34	Litter		Litter	
R4	2021-10-25 17:56:59 UTC	32.2840577	-107.7806618	69	34.5	Bare Ground		Bare Ground	
R4	2021-10-25 17:57:06 UTC	32.284059	-107.7806642	70	35	Litter		Litter	
R4	2021-10-25 17:57:11 UTC	32.2840683	-107.780665	71	35.5	Woody Litter		Woody Litter	
R4	2021-10-25 17:57:29 UTC	32.284071	-107.780663	72	36	Shrub	YUEL, Yucca elata, Perennial Shrub, Tree	Shrub	YUEL, Yucca elata, Perennial Shrub, Tree
R4	2021-10-25 17:57:59 UTC	32.284077	-107.7806611	73	36.5	Shrub	YUEL, Yucca elata, Perennial Shrub, Tree	Litter	
R4	2021-10-25 17:58:05 UTC	32.2840908	-107.7806702	74	37	Bare Ground		Bare Ground	
R4	2021-10-25 17:58:28 UTC	32.2841016	-107.7806631	75	37.5	Shrub	YUEL, Yucca elata, Perennial Shrub, Tree	Litter	
R4	2021-10-25 17:58:32 UTC	32.2841251	-107.7806554	76	38	Litter		Litter	
R4	2021-10-25 17:58:40 UTC	32.2841254	-107.7806558	77	38.5	Litter		Litter	
R4	2021-10-25 17:58:41 UTC	32.2841227	-107.780656	78	39	Bare Ground		Bare Ground	
R4	2021-10-25 17:58:43 UTC	32.2841227	-107.780656	79	39.5	Bare Ground		Bare Ground	
R4	2021-10-25 17:58:52 UTC	32.2841226	-107.7806557	80	40	Forb	AMAC, Amaranthus acanthochiton, Annual Forb	Bare Ground	
R4	2021-10-25 17:59:05 UTC	32.284122	-107.7806524	81	40.5	Forb	SATR12, Salsola tragus, Annual Forb	Litter	
R4	2021-10-25 17:59:22 UTC	32.284121	-107.7806516	82	41	Forb	POPI3, Portulaca pilosa, Annual Forb	Bare Ground	
R4	2021-10-25 17:59:24 UTC	32.2841336	-107.7806583	83	41.5	Bare Ground		Bare Ground	
R4	2021-10-25 17:59:30 UTC	32.2841336	-107.7806583	84	42	Bare Ground		Bare Ground	
R4	2021-10-25 17:59:34 UTC	32.2841343	-107.7806574	85	42.5	Bare Ground		Bare Ground	
R4	2021-10-25 17:59:37 UTC	32.2841348	-107.7806597	86	43	Bare Ground		Bare Ground	
R4	2021-10-25 17:59:40 UTC	32.2841335	-107.7806598	87	43.5	Bare Ground		Bare Ground	
R4	2021-10-25 17:59:56 UTC	32.284133	-107.780662	88	44	Forb	AMAC, Amaranthus acanthochiton, Annual Forb	Bare Ground	
R4	2021-10-25 18:00:04 UTC	32.2841425	-107.7806646	89	44.5	Bare Ground		Bare Ground	
R4	2021-10-25 18:00:17 UTC	32.2841524	-107.7806652	90	45	Forb	AMAC, Amaranthus acanthochiton, Annual Forb	Bare Ground	
R4	2021-10-25 18:00:19 UTC	32.2841594	-107.7806648	91	45.5	Bare Ground		Bare Ground	
R4	2021-10-25 18:00:29 UTC	32.2841608	-107.7806653	92	46	Forb	AMAC, Amaranthus acanthochiton, Annual Forb	Bare Ground	
R4	2021-10-25 18:00:31 UTC	32.2841621	-107.7806668	93	46.5	Bare Ground		Bare Ground	
R4	2021-10-25 18:00:35 UTC	32.2841621	-107.7806671	94	47	Litter		Litter	
R4	2021-10-25 18:00:42 UTC	32.2841619	-107.7806666	95	47.5	Litter		Litter	
R4	2021-10-25 18:00:47 UTC	32.284162	-107.7806649	96	48	Litter		Litter	
R4	2021-10-25 18:00:51 UTC	32.2841623	-107.7806671	97	48.5	Woody Litter		Woody Litter	
R4	2021-10-25 18:01:13 UTC	32.2841601	-107.7806675	98	49	Shrub	EPTR, Ephedra trifurca, Perennial Shrub	Bare Ground	
R4	2021-10-25 18:01:31 UTC	32.2842013	-107.7806636	99	49.5	Grass	DAPU7, Dasyochloa pulchella, Perennial Graminoid	Bare Ground	
R4	2021-10-25 18:01:38 UTC	32.2842077	-107.7806676	100	50	Forb	AMAC, Amaranthus acanthochiton, Annual Forb	Bare Ground	
R3	2021-10-25 16:55:39 UTC	32.2837606	-107.7798254	1	0.5	Litter		Litter	
R3	2021-10-25 16:55:34 UTC	32.2837609	-107.7798256	2	1	Bare Ground		Bare Ground	
R3	2021-10-25 16:55:56 UTC	32.2837568	-107.7798143	3	1.5	Forb	SATR12, Salsola tragus, Annual Forb	Forb	TILA2, Tidestromia lanuginosa, Annual forb
R3	2021-10-25 16:56:09 UTC	32.2837654	-107.7798168	4	2	Forb	SATR12, Salsola tragus, Annual Forb	Litter	
R3	2021-10-25 16:56:18 UTC	32.2837691	-107.7798172	5	2.5	Forb	SATR12, Salsola tragus, Annual Forb	Litter	
R3	2021-10-25 16:56:25 UTC	32.2837726	-107.779813	6	3	Litter		Litter	
R3	2021-10-25 16:56:26 UTC	32.2837741	-107.7798112	7	3.5	Bare Ground		Bare Ground	
R3	2021-10-25 16:56:30 UTC	32.283774	-107.7798112	8	4	Bare Ground		Bare Ground	

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R3	2021-10-25 16:57:15 UTC	32.283774	-107.779811	9	4.5	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid	Bare Ground	
R3	2021-10-25 16:57:22 UTC	32.2838042	-107.7798188	10	5	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid	Bare Ground	
R3	2021-10-25 16:57:31 UTC	32.2838057	-107.7798185	11	5.5	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid	Bare Ground	
R3	2021-10-25 16:57:39 UTC	32.2838062	-107.7798238	12	6	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid	Bare Ground	
R3	2021-10-25 16:57:48 UTC	32.2838081	-107.779824	13	6.5	Litter		Bare Ground	
R3	2021-10-25 16:58:02 UTC	32.2838046	-107.7798253	14	7	Forb	TILA2, Tidestromia lanuginosa, Annual forb	Bare Ground	
R3	2021-10-25 16:58:08 UTC	32.2838104	-107.779824	15	7.5	Litter		Litter	
R3	2021-10-25 16:58:13 UTC	32.2838113	-107.7798242	16	8	Woody Litter		Woody Litter	
R3	2021-10-25 16:58:20 UTC	32.283812	-107.779825	17	8.5	Litter		Litter	
R3	2021-10-25 16:58:33 UTC	32.2838206	-107.7798273	18	9	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid	Bare Ground	
R3	2021-10-25 16:58:40 UTC	32.283825	-107.7798206	19	9.5	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid	Bare Ground	
R3	2021-10-25 16:58:44 UTC	32.2838238	-107.7798153	20	10	Litter		Litter	
R3	2021-10-25 16:59:02 UTC	32.2838255	-107.7798146	21	10.5	Forb	DIWI2, Dimorphocarpa wislizeni, Annual/Biennial/Perennial Forb	Litter	
R3	2021-10-25 16:59:06 UTC	32.2838434	-107.7798187	22	11	Litter		Litter	
R3	2021-10-25 16:59:21 UTC	32.2838435	-107.7798167	23	11.5	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid	Litter	
R3	2021-10-25 16:59:33 UTC	32.2838502	-107.7798194	24	12	Forb	SATR12, Salsola tragus, Annual Forb	Litter	
R3	2021-10-25 16:59:35 UTC	32.2838529	-107.7798133	25	12.5	Bare Ground		Bare Ground	
R3	2021-10-25 16:59:56 UTC	32.283853	-107.7798133	26	13	Litter		Litter	
R3	2021-10-25 17:00:01 UTC	32.2838665	-107.7798122	27	13.5	Litter		Litter	
R3	2021-10-25 17:00:24 UTC	32.2838645	-107.7798119	28	14	Shrub	PSSC6, Psoralea scoparius, Perennial Shrub	Woody Litter	
R3	2021-10-25 17:00:38 UTC	32.2838944	-107.7798134	29	14.5	Shrub	PSSC6, Psoralea scoparius, Perennial Shrub	Woody Litter	
R3	2021-10-25 17:00:49 UTC	32.2838954	-107.7798128	30	15	Shrub	PSSC6, Psoralea scoparius, Perennial Shrub	Woody Litter	
R3	2021-10-25 17:01:12 UTC	32.2838943	-107.7798137	31	15.5	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid
R3	2021-10-25 17:01:13 UTC	32.2838956	-107.779821	32	16	Bare Ground		Bare Ground	
R3	2021-10-25 17:01:15 UTC	32.2838956	-107.779821	33	16.5	Bare Ground		Bare Ground	
R3	2021-10-25 17:01:17 UTC	32.2838951	-107.7798211	34	17	Bare Ground		Bare Ground	
R3	2021-10-25 17:01:30 UTC	32.2838949	-107.7798201	35	17.5	Litter		Litter	
R3	2021-10-25 17:01:52 UTC	32.2838932	-107.7798171	36	18	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid
R3	2021-10-25 17:02:00 UTC	32.2838973	-107.7798124	37	18.5	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid	Litter	
R3	2021-10-25 17:02:11 UTC	32.283897	-107.7798177	38	19	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid	Bare Ground	
R3	2021-10-25 17:02:25 UTC	32.2839073	-107.7798207	39	19.5	Forb	TILA2, Tidestromia lanuginosa, Annual forb	Bare Ground	
R3	2021-10-25 17:02:27 UTC	32.2839234	-107.7798269	40	20	Bare Ground		Bare Ground	

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R3	2021-10-25 17:02:43 UTC	32.2839391	-107.7798233	42	21	Bare Ground		Bare Ground	
R3	2021-10-25 17:03:10 UTC	32.2839387	-107.7798235	43	21.5	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid	Bare Ground	
R3	2021-10-25 17:03:24 UTC	32.2839581	-107.7798281	44	22	Forb	POPI3, Portulaca pilosa, Annual Forb	Bare Ground	
R3	2021-10-25 17:03:25 UTC	32.2839544	-107.7798267	45	22.5	Bare Ground		Bare Ground	
R3	2021-10-25 17:04:47 UTC	32.2839537	-107.7798266	46	23	Forb	CHAL11, Chamaesyce albomarginata, Annual Forb	Bare Ground	
R3	2021-10-25 17:05:22 UTC	32.2839679	-107.779823	47	23.5	Shrub	PSSC6, Psoralea scoparius, Perennial Shrub	Woody Litter	
R3	2021-10-25 17:07:04 UTC	32.2839668	-107.7798193	48	24	Shrub	PSSC6, Psoralea scoparius, Perennial Shrub	Woody Litter	
R3	2021-10-25 17:07:20 UTC	32.2839802	-107.7798229	49	24.5	Shrub	PSSC6, Psoralea scoparius, Perennial Shrub	Woody Litter	
R3	2021-10-25 17:07:34 UTC	32.2839775	-107.7798222	50	25	Forb	AMAC, Amaranthus acanthochiton, Annual Forb	Litter	
R3	2021-10-25 17:07:48 UTC	32.2839792	-107.7798252	51	25.5	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid	Bare Ground	
R3	2021-10-25 17:07:55 UTC	32.2839906	-107.7798273	52	26	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid	Bare Ground	
R3	2021-10-25 17:08:02 UTC	32.2839975	-107.7798244	53	26.5	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid	Bare Ground	
R3	2021-10-25 17:08:16 UTC	32.2839997	-107.7798212	54	27	Forb	POPI3, Portulaca pilosa, Annual Forb	Bare Ground	
R3	2021-10-25 17:08:20 UTC	32.2840078	-107.7798204	55	27.5	Bare Ground		Bare Ground	
R3	2021-10-25 17:08:30 UTC	32.2840075	-107.7798201	56	28	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid	Bare Ground	
R3	2021-10-25 17:08:44 UTC	32.2840046	-107.7798169	57	28.5	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid	Litter	
R3	2021-10-25 17:08:52 UTC	32.2840045	-107.7798174	58	29	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid	Bare Ground	
R3	2021-10-25 17:09:06 UTC	32.2840078	-107.7798176	59	29.5	Litter		Litter	
R3	2021-10-25 17:09:33 UTC	32.2840244	-107.7798161	60	30	Forb	TILA2, Tidestromia lanuginosa, Annual forb	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid
R3	2021-10-25 17:09:35 UTC	32.2840379	-107.7798206	61	30.5	Bare Ground		Bare Ground	
R3	2021-10-25 17:09:36 UTC	32.2840399	-107.7798199	62	31	Bare Ground		Bare Ground	
R3	2021-10-25 17:09:42 UTC	32.2840399	-107.7798199	63	31.5	Bare Ground		Bare Ground	
R3	2021-10-25 17:09:49 UTC	32.2840389	-107.7798174	64	32	Bare Ground		Bare Ground	
R3	2021-10-25 17:10:04 UTC	32.2840473	-107.7798168	65	32.5	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid	Bare Ground	
R3	2021-10-25 17:10:06 UTC	32.2840583	-107.7798147	66	33	Bare Ground		Bare Ground	
R3	2021-10-25 17:10:21 UTC	32.2840587	-107.7798149	67	33.5	Litter		Litter	
R3	2021-10-25 17:10:44 UTC	32.2840582	-107.7798117	68	34	Litter		Litter	
R3	2021-10-25 17:11:06 UTC	32.2840701	-107.7798175	69	34.5	Shrub	PSSC6, Psoralea scoparius, Perennial Shrub	Woody Litter	
R3	2021-10-25 17:11:19 UTC	32.2840791	-107.7798159	70	35	Shrub	PSSC6, Psoralea scoparius, Perennial Shrub	Woody Litter	
R3	2021-10-25 17:11:32 UTC	32.2840783	-107.7798248	71	35.5	Shrub	PSSC6, Psoralea scoparius, Perennial Shrub	Woody Litter	

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R3	2021-10-25 17:11:44 UTC	32.2840764	-107.7798237	72	36	Forb	POPI3, Portulaca pilosa, Annual Forb	Bare Ground	
R3	2021-10-25 17:11:54 UTC	32.2840911	-107.7798189	73	36.5	Forb	POPI3, Portulaca pilosa, Annual Forb	Bare Ground	
R3	2021-10-25 17:12:09 UTC	32.2841003	-107.779815	74	37	Forb	AMAC, Amaranthus acanthochiton, Annual Forb	Bare Ground	
R3	2021-10-25 17:12:18 UTC	32.2840974	-107.7798194	75	37.5	Woody Litter		Woody Litter	
R3	2021-10-25 17:13:24 UTC	32.2840963	-107.7798271	76	38	Grass	DAPU7, Dasyochloa pulchella, Perennial Graminoid	Bare Ground	
R3	2021-10-25 17:13:32 UTC	32.2841086	-107.7798289	77	38.5	Litter		Litter	
R3	2021-10-25 17:13:41 UTC	32.2841082	-107.7798298	78	39	Litter		Litter	
R3	2021-10-25 17:14:16 UTC	32.2841162	-107.7798102	79	39.5	Bare Ground		Bare Ground	
R3	2021-10-25 17:14:37 UTC	32.2841329	-107.7798205	80	40	Forb	POPI3, Portulaca pilosa, Annual Forb	Bare Ground	
R3	2021-10-25 17:14:49 UTC	32.2841402	-107.7798205	81	40.5	Litter		Litter	
R3	2021-10-25 17:14:51 UTC	32.2841441	-107.7798146	82	41	Bare Ground		Bare Ground	
R3	2021-10-25 17:15:06 UTC	32.2841443	-107.7798135	83	41.5	Bare Ground		Bare Ground	
R3	2021-10-25 17:15:08 UTC	32.2841634	-107.7798222	84	42	Bare Ground		Bare Ground	
R3	2021-10-25 17:15:18 UTC	32.284163	-107.7798254	85	42.5	Litter		Litter	
R3	2021-10-25 17:15:30 UTC	32.2841574	-107.7798154	86	43	Forb	SATR12, Salsola tragus, Annual Forb	Bare Ground	
R3	2021-10-25 17:15:36 UTC	32.2841612	-107.779815	87	43.5	Bare Ground		Bare Ground	
R3	2021-10-25 17:15:48 UTC	32.2841631	-107.7798155	88	44	Forb	POPI3, Portulaca pilosa, Annual Forb	Bare Ground	
R3	2021-10-25 17:15:52 UTC	32.2841655	-107.7798099	89	44.5	Bare Ground		Bare Ground	
R3	2021-10-25 17:15:57 UTC	32.2841648	-107.7798091	90	45	Bare Ground		Bare Ground	
R3	2021-10-25 17:16:20 UTC	32.2841749	-107.779804	91	45.5	Litter		Litter	
R3	2021-10-25 17:16:22 UTC	32.2841849	-107.7798057	92	46	Bare Ground		Bare Ground	
R3	2021-10-25 17:16:35 UTC	32.2841845	-107.7798056	93	46.5	Bare Ground		Bare Ground	
R3	2021-10-25 17:16:40 UTC	32.2841976	-107.7798163	94	47	Litter		Litter	
R3	2021-10-25 17:16:43 UTC	32.2841976	-107.7798159	95	47.5	Bare Ground		Bare Ground	
R3	2021-10-25 17:16:53 UTC	32.284198	-107.7798166	96	48	Litter		Litter	
R3	2021-10-25 17:16:55 UTC	32.2842031	-107.7798117	97	48.5	Bare Ground		Bare Ground	
R3	2021-10-25 17:17:05 UTC	32.2842032	-107.7798108	98	49	Litter		Litter	
R3	2021-10-25 17:17:58 UTC	32.2842038	-107.7798074	99	49.5	Shrub	YUEL, Yucca elata, Perennial Shrub, Tree	Shrub	YUEL, Yucca elata, Perennial Shrub, Tree
R3	2021-10-25 17:18:14 UTC	32.2842161	-107.7798316	100	50	Shrub	EPTR, Ephedra trifurca, Perennial Shrub	Bare Ground	
R1	2021-10-25 15:43:01 UTC	32.2836855	-107.7800731	1	0.5	Bare Ground		Bare Ground	
R1	2021-10-25 15:43:17 UTC	32.2836797	-107.7800706	2	1	Forb	TILA2, Tidestromia lanuginosa, Annual forb	Bare Ground	
R1	2021-10-25 15:45:16 UTC	32.2836821	-107.7800715	3	1.5	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid
R1	2021-10-25 15:45:46 UTC	32.2836885	-107.7800747	4	2	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid
R1	2021-10-25 15:48:30 UTC	32.2836887	-107.7800774	5	2.5	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid	Bare Ground	
R1	2021-10-25 15:48:41 UTC	32.2836943	-107.7800762	6	3	Bare Ground		Bare Ground	
R1	2021-10-25 15:48:51 UTC	32.2836922	-107.7800713	7	3.5	Bare Ground		Bare Ground	
R1	2021-10-25 15:49:11 UTC	32.2837012	-107.7800723	8	4	Bare Ground		Bare Ground	
R1	2021-10-25 15:49:34 UTC	32.2837102	-107.7800668	9	4.5	Forb	SATR12, Salsola tragus, Annual Forb	Bare Ground	
R1	2021-10-25 15:49:58 UTC	32.2837116	-107.7800586	10	5	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid	Bare Ground	
R1	2021-10-25 15:50:24 UTC	32.2837185	-107.7800569	11	5.5	Woody Litter		Bare Ground	
R1	2021-10-25 15:50:40 UTC	32.2837211	-107.7800614	12	6	Litter		Litter	
R1	2021-10-25 15:51:07 UTC	32.2837239	-107.7800641	13	6.5	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid	Bare Ground	

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R1	2021-10-25 15:51:37 UTC	32.2837264	-107.7800609	14	7	Forb	TILA2, Tidestromia lanuginosa, Annual forb	Bare Ground	
R1	2021-10-25 15:52:11 UTC	32.2837345	-107.7800604	15	7.5	Litter		Litter	
R1	2021-10-25 15:52:41 UTC	32.2837452	-107.780065	16	8	Forb	TILA2, Tidestromia lanuginosa, Annual forb	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid
R1	2021-10-25 15:54:00 UTC	32.2837414	-107.7800608	17	8.5	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid
R1	2021-10-25 15:54:17 UTC	32.2837441	-107.7800623	18	9	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid	Bare Ground	
R1	2021-10-25 15:54:38 UTC	32.2837485	-107.7800662	19	9.5	Bare Ground		Bare Ground	
R1	2021-10-25 15:54:53 UTC	32.2837513	-107.7800642	20	10	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid	Bare Ground	
R1	2021-10-25 15:55:08 UTC	32.2837602	-107.7800716	21	10.5	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid	Bare Ground	
R1	2021-10-25 15:59:01 UTC	32.2837639	-107.7800628	22	11	Forb	BAMU, Baileya multiradiata, Annual Forb	Bare Ground	
R1	2021-10-25 15:59:05 UTC	32.283775	-107.7800532	23	11.5	Bare Ground		Bare Ground	
R1	2021-10-25 15:59:37 UTC	32.2837759	-107.7800538	24	12	Litter		Bare Ground	
R1	2021-10-25 15:59:41 UTC	32.283786	-107.780062	25	12.5	Bare Ground		Bare Ground	
R1	2021-10-25 16:02:08 UTC	32.2837865	-107.7800585	26	13	Forb	POPI3, Portulaca pilosa, Annual Forb	Litter	
R1	2021-10-25 16:02:40 UTC	32.2837773	-107.7800762	27	13.5	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid
R1	2021-10-25 16:02:41 UTC	32.2837965	-107.7800581	28	14	Bare Ground		Bare Ground	
R1	2021-10-25 16:02:46 UTC	32.2837966	-107.7800576	29	14.5	Bare Ground		Bare Ground	
R1	2021-10-25 16:02:50 UTC	32.2838001	-107.7800591	30	15	Bare Ground		Bare Ground	
R1	2021-10-25 16:02:57 UTC	32.2838005	-107.7800623	31	15.5	Bare Ground		Bare Ground	
R1	2021-10-25 16:03:01 UTC	32.2838068	-107.7800643	32	16	Bare Ground		Bare Ground	
R1	2021-10-25 16:03:13 UTC	32.2838101	-107.7800658	33	16.5	Woody Litter		Woody Litter	
R1	2021-10-25 16:03:24 UTC	32.2838177	-107.7800619	34	17	Litter		Bare Ground	
R1	2021-10-25 16:03:27 UTC	32.2838308	-107.78006	35	17.5	Bare Ground		Bare Ground	
R1	2021-10-25 16:03:34 UTC	32.2838324	-107.7800583	36	18	Litter		Bare Ground	
R1	2021-10-25 16:04:52 UTC	32.283829	-107.7800508	37	18.5	Bare Ground		Bare Ground	
R1	2021-10-25 16:05:00 UTC	32.2838431	-107.780042	38	19	Bare Ground		Bare Ground	
R1	2021-10-25 16:05:05 UTC	32.2838387	-107.7800291	39	19.5	Bare Ground		Bare Ground	
R1	2021-10-25 16:05:26 UTC	32.2838542	-107.7800592	40	20	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid
R1	2021-10-25 16:05:28 UTC	32.2838516	-107.7800405	41	20.5	Bare Ground		Bare Ground	
R1	2021-10-25 16:05:33 UTC	32.2838514	-107.7800391	42	21	Bare Ground		Bare Ground	
R1	2021-10-25 16:05:38 UTC	32.2838538	-107.7800371	43	21.5	Bare Ground		Bare Ground	
R1	2021-10-25 16:06:24 UTC	32.2838565	-107.7800379	44	22	Forb	POPI3, Portulaca pilosa, Annual Forb	Forb	POPI3, Portulaca pilosa, Annual Forb
R1	2021-10-25 16:12:12 UTC	32.2838722	-107.7800558	45	22.5	Forb	AMAC, Amaranthus acanthochiton, Annual Forb	Bare Ground	
R1	2021-10-25 16:12:40 UTC	32.2838846	-107.7800495	46	23	Shrub	EPTR, Ephedra trifurca, Perennial Shrub	Litter	
R1	2021-10-25 16:12:59 UTC	32.2838926	-107.7800537	47	23.5	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid
R1	2021-10-25 16:13:02 UTC	32.2838988	-107.780056	48	24	Bare Ground		Bare Ground	
R1	2021-10-25 16:13:06 UTC	32.2838997	-107.780057	49	24.5	Bare Ground		Bare Ground	
R1	2021-10-25 16:13:10 UTC	32.2838999	-107.7800588	50	25	Bare Ground		Bare Ground	
R1	2021-10-25 16:13:22 UTC	32.2839005	-107.7800586	51	25.5	Woody Litter		Woody Litter	
R1	2021-10-25 16:13:33 UTC	32.2839113	-107.7800551	52	26	Litter		Litter	
R1	2021-10-25 16:13:35 UTC	32.283918	-107.7800514	53	26.5	Bare Ground		Bare Ground	
R1	2021-10-25 16:13:39 UTC	32.2839183	-107.7800514	54	27	Bare Ground		Bare Ground	
R1	2021-10-25 16:13:49 UTC	32.2839151	-107.7800518	55	27.5	Bare Ground		Bare Ground	
R1	2021-10-25 16:13:53 UTC	32.2839241	-107.7800541	56	28	Bare Ground		Bare Ground	
R1	2021-10-25 16:13:58 UTC	32.2839271	-107.7800547	57	28.5	Bare Ground		Bare Ground	

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R1	2021-10-25 16:14:30 UTC	32.2839351	-107.7800504	59	29.5	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid
R1	2021-10-25 16:15:06 UTC	32.2839473	-107.7800426	60	30	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid
R1	2021-10-25 16:15:19 UTC	32.2839506	-107.7800527	61	30.5	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid	Litter	
R1	2021-10-25 16:15:24 UTC	32.2839551	-107.7800492	62	31	Litter		Litter	
R1	2021-10-25 16:15:37 UTC	32.2839557	-107.78005	63	31.5	Litter		Litter	
R1	2021-10-25 16:15:42 UTC	32.2839626	-107.7800532	64	32	Bare Ground		Bare Ground	
R1	2021-10-25 16:16:04 UTC	32.2839634	-107.7800506	65	32.5	Shrub	EPTR, Ephedra trifurca, Perennial Shrub	Litter	
R1	2021-10-25 16:16:16 UTC	32.2839698	-107.7800529	66	33	Litter		Litter	
R1	2021-10-25 16:16:24 UTC	32.2839742	-107.780043	67	33.5	Bare Ground		Bare Ground	
R1	2021-10-25 16:16:31 UTC	32.2839806	-107.7800456	68	34	Bare Ground		Bare Ground	
R1	2021-10-25 16:16:55 UTC	32.2839862	-107.7800484	69	34.5	Bare Ground		Bare Ground	
R1	2021-10-25 16:17:09 UTC	32.2839926	-107.7800482	70	35	Woody Litter		Bare Ground	
R1	2021-10-25 16:17:25 UTC	32.2839941	-107.7800391	71	35.5	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid	Bare Ground	
R1	2021-10-25 16:17:30 UTC	32.2840016	-107.7800489	72	36	Litter		Litter	
R1	2021-10-25 16:17:46 UTC	32.2840006	-107.7800472	73	36.5	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid
R1	2021-10-25 16:17:59 UTC	32.2840081	-107.7800508	74	37	Forb	TILA2, Tidestromia lanuginosa, Annual forb	Bare Ground	
R1	2021-10-25 16:18:13 UTC	32.2840094	-107.7800516	75	37.5	Grass	BOAR, Bouteloua aristidoides, Annual Graminoid	Bare Ground	
R1	2021-10-25 16:19:00 UTC	32.2840209	-107.7800525	76	38	Bare Ground		Bare Ground	
R1	2021-10-25 16:19:04 UTC	32.2840195	-107.7800503	77	38.5	Bare Ground		Bare Ground	
R1	2021-10-25 16:19:08 UTC	32.2840231	-107.7800424	78	39	Bare Ground		Bare Ground	
R1	2021-10-25 16:19:13 UTC	32.2840219	-107.7800433	79	39.5	Bare Ground		Bare Ground	
R1	2021-10-25 16:21:01 UTC	32.2840252	-107.780044	80	40	Forb	DIWI2, Dimorphocarpa wislizeni, Annual/Biennial/Perennial Forb	Bare Ground	
R1	2021-10-25 16:20:51 UTC	32.2840449	-107.780033	81	40.5	Forb	DIWI2, Dimorphocarpa wislizeni, Annual/Biennial/Perennial Forb	Bare Ground	
R1	2021-10-25 16:21:09 UTC	32.2840561	-107.7800397	82	41	Bare Ground		Bare Ground	
R1	2021-10-25 16:21:25 UTC	32.2840587	-107.7800384	83	41.5	Forb	DIWI2, Dimorphocarpa wislizeni, Annual/Biennial/Perennial Forb	Bare Ground	
R1	2021-10-25 16:22:10 UTC	32.2840622	-107.7800448	84	42	Forb	TILA2, Tidestromia lanuginosa, Annual forb	Forb	POPI3, Portulaca pilosa, Annual Forb
R1	2021-10-25 16:22:23 UTC	32.2840652	-107.7800465	85	42.5	Bare Ground		Bare Ground	
R1	2021-10-25 16:22:44 UTC	32.2840627	-107.7800401	86	43	Bare Ground		Bare Ground	
R1	2021-10-25 16:22:55 UTC	32.2840712	-107.7800392	87	43.5	Bare Ground		Bare Ground	
R1	2021-10-25 16:22:58 UTC	32.2840688	-107.7800397	88	44	Bare Ground		Bare Ground	
R1	2021-10-25 16:23:04 UTC	32.2840706	-107.7800416	89	44.5	Bare Ground		Bare Ground	
R1	2021-10-25 16:23:06 UTC	32.284084	-107.7800353	90	45	Bare Ground		Bare Ground	
R1	2021-10-25 16:23:10 UTC	32.2840849	-107.780034	91	45.5	Bare Ground		Bare Ground	
R1	2021-10-25 16:23:32 UTC	32.2840841	-107.7800321	92	46	Forb	POPI3, Portulaca pilosa, Annual Forb	Bare Ground	
R1	2021-10-25 16:23:46 UTC	32.2840949	-107.7800463	93	46.5	Forb	POPI3, Portulaca pilosa, Annual Forb	Litter	
R1	2021-10-25 16:23:50 UTC	32.2840995	-107.7800462	94	47	Bare Ground		Bare Ground	
R1	2021-10-25 16:24:03 UTC	32.2841009	-107.7800456	95	47.5	Bare Ground		Bare Ground	
R1	2021-10-25 16:24:05 UTC	32.2841106	-107.780038	96	48	Bare Ground		Bare Ground	
R1	2021-10-25 16:24:14 UTC	32.284112	-107.7800375	97	48.5	Litter		Litter	



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R1	2021-10-25 16:25:40 UTC	32.2841148	-107.7800353	98	49	Forb	AMAC, Amaranthus acanthochiton, Annual Forb	Litter	
R1	2021-10-25 16:26:03 UTC	32.284134	-107.780049	99	49.5	Shrub	EPTR, Ephedra trifurca, Perennial Shrub	Litter	
R1	2021-10-25 16:26:09 UTC	32.2841259	-107.7800383	100	50	Litter		Litter	

## Reference Site Belt Transect Data Sheets

_record_id	_updated_at	_latitude	_longitude	shrub	rooted_inside_count
R23	2021-10-28 19:23:03 UTC	32.284123	-107.7806267	PSSC6, Psoralea scoparius, Perennial Shrub	7
R23	2021-10-28 19:23:08 UTC	32.2837423	-107.7805583	GUSA2, Gutierrezia sarothrae, Perennial subshrub	2
R21	2021-10-28 19:00:10 UTC	32.283797	-107.7799308	GUSA2, Gutierrezia sarothrae, Perennial subshrub	5
R21	2021-10-28 18:59:49 UTC	32.2835275	-107.7798855	EPTR, Ephedra trifurca, Perennial Shrub	3
R21	2021-10-28 19:00:17 UTC	32.2834838	-107.7798778	PSSC6, Psoralea scoparius, Perennial Shrub	5
R19	2021-10-28 18:32:57 UTC	32.2842427	-107.780519	PSSC6, Psoralea scoparius, Perennial Shrub	12
R19	2021-10-28 18:32:33 UTC	32.2839297	-107.7804454	EPTR, Ephedra trifurca, Perennial Shrub	1
R18	2021-10-28 18:02:01 UTC	32.2838345	-107.7805475	PSSC6, Psoralea scoparius, Perennial Shrub	3
R18	2021-10-28 18:02:37 UTC	32.283703	-107.7805553	GUSA2, Gutierrezia sarothrae, Perennial subshrub	3
R17	2021-10-28 17:20:33 UTC	32.2840005	-107.7799916	PSSC6, Psoralea scoparius, Perennial Shrub	3
R17	2021-10-28 17:20:10 UTC	32.2837607	-107.7799741	EPTR, Ephedra trifurca, Perennial Shrub	1
R17	2021-10-28 17:20:19 UTC	32.2837592	-107.7799597	YUEL, Yucca elata, Perennial Shrub	1
R17	2021-10-28 17:20:40 UTC	32.2836557	-107.7799396	ARFI2, Artemisia filifolia, Perennial Shrub	1
R17	2021-10-28 17:20:57 UTC	32.2836338	-107.7799499	GUSA2, Gutierrezia sarothrae, Perennial subshrub	4
R15	2021-10-28 00:21:15 UTC	32.2839195	-107.7808776	EPTR, Ephedra trifurca, Perennial Shrub	1
R15	2021-10-28 00:21:59 UTC	32.2838538	-107.7808837	GUSA2, Gutierrezia sarothrae, Perennial subshrub	2
R14	2021-10-27 23:52:02 UTC	32.2837711	-107.7806537	GUSA2, Gutierrezia sarothrae, Perennial subshrub	1
R13	2021-10-27 23:23:24 UTC	32.2837861	-107.7808136	YUEL, Yucca elata, Perennial Shrub	1
R12	2021-10-25 22:10:28 UTC	32.2838341	-107.7798439	PSSC6, Psoralea scoparius, Perennial Shrub	2
R12	2021-10-25 22:10:39 UTC	32.283767	-107.7798378	YUEL, Yucca elata, Perennial Shrub	1
R12	2021-10-25 22:10:46 UTC	32.2837472	-107.7798422	ARFI2, Artemisia filifolia, Perennial Shrub	1

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R12	2021-10-25 22:11:36 UTC	32.2837438	-107.7798433	GUSA2, Gutierrezia sarothrae, Perennial subshrub	3
R10	2021-10-25 21:27:48 UTC	32.2839669	-107.7799068	PSSC6, Psoralea scoparius, Perennial Shrub	4
R9	2021-10-25 21:04:08 UTC	32.2839613	-107.7799204	PSSC6, Psoralea scoparius, Perennial Shrub	4
R9	2021-10-25 21:04:44 UTC	32.2839655	-107.7799224	EPTR, Ephedra trifurca, Perennial Shrub	1
R8	2021-10-25 20:41:43 UTC	32.2841131	-107.7797866	PSSC6, Psoralea scoparius, Perennial Shrub	3
R8	2021-10-25 20:41:51 UTC	32.2841261	-107.7797789	GUSA2, Gutierrezia sarothrae, Perennial subshrub	1
R8	2021-10-25 20:41:59 UTC	32.2841263	-107.779778	EPTR, Ephedra trifurca, Perennial Shrub	1
R7	2021-10-25 19:45:52 UTC	32.2840409	-107.7799236	PSSC6, Psoralea scoparius, Perennial Shrub	3
R6	2021-10-25 19:10:36 UTC	32.2838409	-107.779749	PSSC6, Psoralea scoparius, Perennial Shrub	2
R6	2021-10-25 19:10:50 UTC	32.2836448	-107.7797426	GUSA2, Gutierrezia sarothrae, Perennial subshrub	2
R6	2021-10-25 19:11:36 UTC	32.283656	-107.7797385	EPTR, Ephedra trifurca, Perennial Shrub	2
R5	2021-10-25 18:40:37 UTC	32.283909	-107.7802847	PSSC6, Psoralea scoparius, Perennial Shrub	6
R5	2021-10-25 18:39:50 UTC	32.283909	-107.7802651	YUEL, Yucca elata, Perennial Shrub	3
R4	2021-10-25 18:04:33 UTC	32.2842081	-107.7806797	EPTR, Ephedra trifurca, Perennial Shrub	2
R4	2021-10-25 18:04:00 UTC	32.2842234	-107.7806944	PSSC6, Psoralea scoparius, Perennial Shrub	4
R4	2021-10-25 18:04:30 UTC	32.2842264	-107.7806929	YUEL, Yucca elata, Perennial Shrub	4
R3	2021-10-25 17:19:02 UTC	32.2842178	-107.7798338	YUEL, Yucca elata, Perennial Shrub	1
R3	2021-10-25 17:21:10 UTC	32.2842221	-107.7798214	EPTR, Ephedra trifurca, Perennial Shrub	9
R3	2021-10-25 17:21:01 UTC	32.2841156	-107.7798156	PSSC6, Psoralea scoparius, Perennial Shrub	9
R3	2021-10-25 17:21:40 UTC	32.2838031	-107.7798074	GUSA2, Gutierrezia sarothrae, Perennial subshrub	1
R1	2021-10-25 16:28:24 UTC	32.2841438	-107.780029	EPTR, Ephedra trifurca, Perennial Shrub	2
R1	2021-10-25 16:32:48 UTC	32.2840219	-107.7800672	PSSC6, Psoralea scoparius, Perennial Shrub	10

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R1	2021-10-25 16:32:22 UTC	32.2839236	-107.7800695	YUEL, Yucca elata, Perennial Shrub	1
R1	2021-10-25 16:33:23 UTC	32.2838223	-107.7800704	ARFI2, Artemisia filifolia, Perennial Shrub	1