

APPENDIX N

**IDENTIFICATION AND DELINEATION OF AREAS POTENTIALLY SUBJECT TO
JURISDICTION UNDER THE CALIFORNIA DEPARTMENT OF FISH AND
WILDLIFE LAKE AND STREAMBED ALTERATION PROGRAM**

**Identification and Delineation of
Areas Potentially Subject to Jurisdiction under
the California Department of Fish and Wildlife
Lake and Streambed Alteration Program
Desert Quartzite Solar Farm Project
Blythe, Riverside County, California**



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1.0 INTRODUCTION

1.1 Purpose and Scope of Work

At the request of Desert Quartzite, LLC, a wholly owned subsidiary of First Solar Development, Inc. (First Solar), Huffman-Broadway Group, Inc. (HBG) investigated the potential presence of areas subject to California Department of Fish and Wildlife (CDFW) jurisdiction under the Department's Lake and Streambed Alteration Agreement Program (California Fish and Game Code (FGC) Sections 1600-1616). The investigation covered a contiguous Study Area (Study Area) in eastern Riverside County, California, where a proposed new photovoltaic solar power generation facility (Solar Farm) would be located.

1.2 General Site Description

The Study Area is an approximately 4,954.6-acre area in the Colorado Desert Section of the Sonoran Desert in an unincorporated part of Riverside County, California. The city of Blythe is about 6.5 miles to the east (Appendix A, Figure 1). The Study Area is approximately 0.46 mile south of Interstate I-10, and is northeast of the Mule Mountains, east of Milpitas Wash Road, and west of Palo Verde Valley and the Lower Colorado River (Appendix A, Figures 1 and 2). Approximate latitude and longitude coordinates for the center of the Study Area are 33.569620 / 114.760883 W.

1.3 Contact Information

| <i>Project Contact</i> | <i>Wetland and Biological Consultant</i> |
|--|--|
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1.4 Environmental Setting

1.4.1 Topography

The Study Area is within portions of the Roosevelt Mine (1983) and Ripley (1952, rev.1975) USGS 7.5-minute quadrangles (Appendix A, Figure 2). The majority of the Study Area has relatively flat desert terrain. Elevations are shown in meters on the western approximately two-thirds of the map and in feet for the eastern third of the map. Elevations range from approximately 325 to 475 feet high (99.0 to 145.0 meters) above mean sea level.

1.4.2 Land Use

The Study Area is on largely vacant, undeveloped land within the Palo Verde Mesa in eastern Riverside County. Small areas of formerly cultivated lands also occur within the Study Area (Appendix A, Figure 7, Sheets 5, 6, 11, 12, and 13).

1.4.3 Geology

The site is in the east-northeastern Colorado Desert Geomorphic Province. The San Andreas Fault defines the southwestern boundary of the eastern Colorado Desert while the San Bernardino Mountains form a less-defined boundary to the north. Review of U.S. Department of Agriculture National Agriculture Imagery Program (NAIP) 2012 aerial imagery (Appendix A, Figure 7), onsite terrain reconnaissance survey photographs (Appendix E), and the NRCS Custom Soil Resources Report in Appendix B indicates that the area consists of active younger sediments within alluvial fan remnant and sand sheet landforms. The active younger sediments are of Holocene age and consist of fine to coarse sand interbedded with clay, silt, and gravel. Topography in these areas tends to be consistent, relatively flat with 0 to 2 percent slopes with shallow stream channels generally less than 0.5-foot-deep interspersed through upland areas consisting of fan remnants. Unless surface flows are cut off by natural processes (i.e., sand sheet) or by anthropogenic disturbance or influence (i.e., flow diversion or detention) shallow channels within the younger sediments exhibit frequent channel avulsion and lateral migration during high stormwater runoff periods.

Review of NAIP2012 aerial imagery (Appendix A, Figure 7), the Appendix B NRCS Custom Soil Resources Report (Appendix B), and survey photographs taken during onsite terrain reconnaissance (Appendix E) indicate that two significant geologic environments occur within the Study Area:

- Active younger sediments with no evidence of desert pavement
- Eolian sand sheets

Active Younger Sediments

The active younger sediments are of Holocene age and consist of fine to coarse sand interbedded with clay, silt and gravel. There is no evidence of desert pavement. Topography in these areas tends to be consistent. Stream channel and floodplain watercourses occur within these upland areas.

Eolian Sand Sheets

Aeolian sand sheets were described as follows by WorleyParsons (2010):

Sand sheets (or plains) are flat or gently undulatory broad floors of tabular windblown sand deposits derived from accumulating sand ripple migration. The tabular deposits generally range in thickness from a few centimeters to a few meters. Some sand sheets, as in the southwestern U.S., are local deposits that extend only a few square kilometers in and around dune fields, where they are exposed on interdune floors and form the aprons or trailing margins of dune fields and along sand migration corridors. Sand sheet deposits are composed of gently inclined or nearly horizontal layers, each less than about a centimeter thick, of coarse silt and very fine to medium sand separated by layers, one grain thick, of coarse sand and granules. Unlike dune sand, the unconsolidated sand and granules are closely packed and firm under foot. The surface is protected by a wind abrasion lag, one grain thick, of the coarsest particles that can be shifted by the wind, ranging from coarse sand to pea-size gravel. In any one place, however, the sizes of the lag particles are remarkably uniform, and the lag may be so closely packed that it forms a miniature desert pavement. In the Chuckwalla Valley, the wind abrasion lag often contains small gravel that may have been derived from burrowing animals moving coarser grained alluvial

deposits containing gravel to the surface in the past ([*citation*]). The existence of a wind abrasion lag containing gravel from underlying alluvial units suggests that the surface is a minimum of a few thousand years old in order to provide sufficient time for burrowing animals to mix the near surface units over a relatively large area. Sand sheets in themselves indicate little about wind direction regimes, but the particle size of sand and gravel lag on ripple surfaces seems dependent on the strength of the winds in any given locality. Inactive sand sheet deposits near and at the surface however do provide evidence of past wind sand migration corridors.

Stream channel and floodplain watercourses are not found within these upland areas.

1.4.4 Soils

Appendix B is an NRCS custom soil resources report for the Study Area. According to NRCS, the Study Area is within the Colorado Desert Area and Palo Verde Area NRCS soils mapping units. No soils data have been collected for the Colorado Desert Area, California (CA803), in the western 499.4 acres of the Study Area (USDA NRCS 2017). Although soils have not been mapped in this area, onsite observation of surface conditions and interpretation of aerial imagery and NRCS soils mapping for the Palo Verde Area portion indicate that the soils found in this unmapped area are the same as or similar to Palo Verde Area soils described below.

Seven soil types have been mapped within the Palo Verde Area, California (CA681), portion of the Study Area (4,455.3 acres [89%]) (USDA NRCS 2015). The soils and their parent materials and landforms are summarized below:

| Soil type | Parent Material / Landform |
|---|--|
| Aco gravelly loamy sand (Ac) | Mixed alluvium / alluvial fan remnants landform |
| Aco sandy loam (Af) | Mixed alluvium / alluvial fan remnants landform |
| Orita fine sand (Oc) | Mixed alluvium / alluvial fan remnants landform |
| Orita gravelly fine sandy loam (Or) | Mixed alluvium / alluvial fan remnants landform |
| Rositas fine sand, 0 to 2 percent slopes (RoA) | Eolian sands / sand sheets landform |
| Rositas fine sand, 2 to 9 percent slopes (RoB) | Eolian sands / sand sheets landform |
| Rositas gravelly loamy sand, 0 to 2% slopes (RsA) | Eolian sands over mixed alluvium parent material / sand sheets on stream terraces landform |

The parent material / landform of more than 86% of these soils is mixed alluvium / alluvial fan remnants; the parent material / landform of about 14% of the soils is Eolian sands / sand sheets. Depth to water for all soils is greater than 80 inches. The NRCS soils report indicates that the four alluvial fan remnant soils (Ac, Af, Oc, Or) are well-drained and the three Rositas soils (RoA, RoB, and RsA) are “somewhat excessively drained.”

1.4.5 Vegetation

The Study Area vegetation was mapped as part of a study conducted by the 2013 has been mapped as part of the by Menke, et al. (2013) as part of their vegetation map development in support of the Desert Renewable Energy Conservation Plan funded by the California Department of Fish and Wildlife’s Renewable Energy Program and the California Energy

Commission (Appendix A, Figure 3). Dominant plant associations mapped within the Study Area included:

1. Paloverde (*Parkinsonia florida*) - Desert Ironwood (*Olneya tesota*)
2. Creosote Bush (*Larrea tridentata*)
3. Creosote Bush - Burro Bush (*Ambrosia dumosa*)
4. Big Galleta (*Pleuraphis rigida*) vegetation alliance

1.4.6 Climate

The Study Area has a desert climate with very hot, dry summers and mild winters based on review of WETS data (USDA Field Office Climate Data, <http://agacis.rcc-acis.org/06065/wets/results>) (Appendix C). HBG obtained climate data for the Blythe, California, AP WETS Station (CA158). This WETS station is on Hobsonway Road within approximately 2 miles of the Study Area (Appendix A, Figure 1). Average monthly temperatures (° F) for the period of record (1971 – 2000) are presented in Table 1:

| Table 1. Average Monthly Temperatures, Blythe, CA | | | | | | | | | | | | |
|---|------|------|-------|-------|------|-------|-------|-------|------|------|------|------|
| Month/ Temperature (°F) | Jan | Feb | March | April | May | June | July | Aug | Sept | Oct | Nov | Dec |
| Average | 54.2 | 58.9 | 63.9 | 71.0 | 78.9 | 88.4 | 93.7 | 92.5 | 86.0 | 74.0 | 61.1 | 53.5 |
| Average Daily Maximum | 66.6 | 72.0 | 77.6 | 85.7 | 93.9 | 104.1 | 107.2 | 105.4 | 99.6 | 88.0 | 74.7 | 66.0 |
| Average Daily Minimum | 41.7 | 45.7 | 50.2 | 56.2 | 63.9 | 72.6 | 80.2 | 79.5 | 72.4 | 60.0 | 47.4 | 40.9 |

The downloaded WETS Precipitation Data Summary Table in Appendix C presents average monthly precipitation at the Blythe AP WETS Station for the period of record (1971 – 2000); the range of precipitation for the period of record considered to be normal (30 % chance precipitation will be < or > average). Average annual precipitation is 4.02 inches. Highest rainfall months with average precipitation ranging from 0.32 to 0.66 inches are December – March and July – September.

1.4.7 Hydrology

The Study Area primarily lies within the Imperial Reservoir 8-digit Hydrologic Unit Code (HUC) watershed, HUC 15030104, more specifically in the HUC 12 Cinnabar Wash-Palo Verde Valley (HUC 150301040804) watershed. The western tip of the Study Area, however, is in the South Mojave 8-digit HUC watershed (HUC 18100100), specifically in the Wileys Well 12-digit watershed (HUC 181001005201). See Appendix A, Figures 3 and 4. Figure 5 shows National Hydrography Dataset (NHD) flowlines and flow directions for the Study Area and its vicinity overlain on a Microsoft March 2011 aerial photograph. Most flow onto the Study Area is from the north-northwest, crossing the northernmost portion of the site (Appendix A, Figure 6).

Surface and channel flooding can occur within the Study Area any time of year; however, many years can pass between surface flow events. General winter and summer storms generate low amounts of precipitation that typically infiltrates the ground where it falls, with little or no

surface flow generated. If flow does occur, it typically runs within small, localized areas before it infiltrates the soil. Flooding because of high intensity thunderstorms typically lasts only a few hours at most and typically occurs in localized areas.

1.4.8 FEMA Flood Zone

The Federal Emergency Management Agency (FEMA) has not conducted a flood hazard analysis of the Study Area; no FEMA flood zone designation exists.

1.5 Disclaimer

Huffman-Broadway Group, Inc., has conducted a thorough historical review and site investigation and made a good-faith effort herein to thoroughly describe and document the presence of potential factors that the CDFW may consider in determining jurisdiction under the Lake and Streambed Alteration Program; however, Desert Quartzite, LLC, reserves the right to challenge or seek revision to any areas over which the CDFW may assert jurisdiction.

2.0 REGULATORY FRAMEWORK

2.1 CDFW Lake and Streambed Alteration Program

Fish and Game Code (FGC) Section 1602 requires any person, state or local governmental agency, or public utility subject to FGC 1600 thru 1616 to notify CDFW of any proposed activity that may substantially divert or obstruct a river, stream, or lake. Section 1602(a) specifically provides that:

An entity may not substantially divert or obstruct the natural flow of, or substantially change or use any material from the bed, channel, or bank of, any river, stream, or lake, or deposit or dispose of debris, waste, or other material containing crumbled, flaked, or ground pavement where it may pass into any river, stream, or lake unless all of the following occur:

(1) The department receives written notification regarding the activity in the manner prescribed by the department. . .

The program developed by CDFW to implement this notification process is generally referred to as the Lake and Streambed Alteration Agreement Program. CDFW's regulations implementing the FGC (Title 14 California Code of Regulations or 14 CCR) define the relevant rivers, streams and lakes over which the agency has jurisdiction to constitute "all rivers, streams, lakes, and streambeds in the State of California, including all rivers, streams and streambeds which have intermittent flows of water." 14 CCR § 720. The regulations further define the terms "stream" and "lake" as follows:

14 CCR § 1.72. Stream (Includes Creeks and Rivers).

A stream is a body of water that flows at least periodically or intermittently through a bed or channel having banks and supports fish or other aquatic life. This includes watercourses having a surface or subsurface flow that supports or has supported riparian vegetation.

14 CCR § 1.56. Lake.

Includes natural lakes or man-made reservoirs.

3.0 DELINEATION METHOD

3.1 Objective and Study Approach

The objective of this investigation was to identify and map areas within the Study Area potentially subject to jurisdiction under CDFW's Lake and Streambed Alteration Agreement Program (CDFW Jurisdiction). The approach taken by this study was to identify and map, using field indicators, the geographic extent of any areas meeting the definition of lake or stream as previously described in Section 2.0.

3.2 Preliminary Investigations

Preliminary investigations consisted of identifying landforms within the Study Area (Appendix A, Figure 2) where lakes or watercourses (stream channel and floodplain watercourses) may potentially occur. The investigations included reviewing the resource materials listed below and conducting an onsite terrain reconnaissance during March 2014.

1. USGS topographic mapping (Appendix A, Figure 2);
2. Vegetation mapping (Appendix A, Figure 3);
3. USGS National Hydrography Dataset (NHD) HUC 8 and HUC 12 mapping (Appendix A, Figures 4 and 5);
4. USGS NHD high-resolution mapping with flow arrows (Appendix A, Figure 6);
5. USDA NAIP 2012 aerial imagery (Appendix A, Figure 7); and
6. NRCS Custom Soil Resources Report (Appendix B).

For this jurisdictional delineation, the land surface was subdivided into the categories of uplands and fluvial watercourses. At this stage of the investigation, due to the lack of field indicator data for analysis, no determination was made regarding whether stream channels and floodplain watercourses observed were either hydrologically active, dormant, abandoned, or relict. These landform geomorphic features are summarized as follows:

| Uplands | Fluvial Watercourses |
|---------------------|----------------------|
| Sand sheet deposits | Stream Channel |
| Fan Terraces | Floodplain |

3.3 Detailed Field Investigations

Detailed field investigations to determine the presence or absence of stream channel and floodplain watercourses were conducted on foot within the Study Area during May 2014 thru November 2016 (Appendix A, Figure 2). Using NAIP 2012 aerial imagery as a base map the Study Area was divided into 0.3-mile grid squares using ESRI ArcGIS software. Each grid square was investigated first visually through photointerpretation then observed onsite by walking linear transects across each grid square. Transects were spaced between approximately 500 to 1000 feet apart. Follow-up photointerpretation of each grid was also conducted following field data collection. Field data collected along each transect included: (1) the presence or absence of geomorphic indicators of uplands and fluvial watercourses; (2) combined average width of

channels and abutting floodplain watercourse to the extent of identifiable fluvial indicators; and (3) representative onsite photographs. Field data regarding the presence or absence of upland and fluvial areas were recorded on a field data form developed for this study (Appendix D). Field data collection locations or sample points were memorialized as point features using a hand-held, Trimble XT global positioning system (GPS) unit with sub-meter accuracy after geoprocessing. Data for stream channels encountered along the transect was collected walking both 100 feet above and 100 feet below each watercourse sample point. For channels, less than 200 feet the entire length of the channel was visually inspected for indicators.

The CDFW 1994 publication *A Field Guide to Lake and Streambed Alteration Agreements, Sections 1600-1607 California Fish and Game Code* was used for general guidance, however this publication lacks sufficient specificity for identifying fluvial watercourses in the field. The types of field indicators examined for in the field were similar to those used by the Corps of Engineers (Lichvar and McCooley 2008) to define ordinary high water marks, except they were adapted and used to define the geographical extent of fluvial watercourses. Field indicators of uplands and fluvial watercourses as described by Brady and Vyverberg (2013) were also used. Table 2 provides a list of these indicators.

| Table 2. Geomorphic Indicators of Upland and Active Fluvial Watercourses | | |
|--|--|---|
| Upland | Fluvially Active Alluvial Fan Surface | |
| Y Av Horizon | Y Bars: mud, sand & gravel | Y Ripples |
| Y Biotic Soil Crust | Y Beach ridges | Y Scour |
| Y Bioturbation | Y Bifurcated flow | Y Secondary channels |
| Y Caliche: coatings, layers, rubble | Y Biotic crusts | Y Secondary channel bypassing obstruction |
| Y Carbonate etching | Y Drainage swales | Y Sediment sheets |
| Y Clast / rock weathering | Y Crusts: carbonate, salt, & soda | Y Sand filled channels |
| Y Coppice dunes: active & relict | Y Cut banks | Y Scour holes downstream of obstructions |
| Y Deflated surfaces | Y Desiccation Mud: cracks, curls / drapes | Y Sediment plastering |
| Y Desert pavement | Y Drift: organic | Y Sediment ramps |
| Y Over-turned rock | Y Exposed roots below intact soil layer | Y Sediment sorting |
| Y Relict bar & swale | Y Flow or streaming lineations | Y Sediment tails |
| Y Relict channel | Y Headcuts | Y Springs |
| Y Rock fracture in place | Y Imbricated gravel | Y Staining of rocks |
| Y Rock varnish | Y Knick Points | Y Stepped-bed morphology in gravel |
| Y Rock weathering | Y Levee Ridges: sand & gravel | Y Substrate staining |
| Y Rubified rock undersides | Y Observed inundation: flooding, ponding, or | Y Vegetation - channel alignment |

Table 2. Geomorphic Indicators of Upland and Active Fluvial Watercourses

| Table 2. Geomorphic Indicators of Upland and Active Fluvial Watercourses | | |
|--|---------------------------------------|---------------------|
| Upland | Fluvially Active Alluvial Fan Surface | |
| | substrate saturation | |
| Y Soil development | Y Out of channel flow | Y Water-cut benches |
| Y Surface rounding of landform | Y Overturned rocks | Y Water level marks |
| Y Woody debris in place | Y Rills | Y Wrack: woody |
| * Adapted from: <i>A Field Guide to the Identification of the Ordinary High Water Mark (OHWM) in the Arid West Region of the Western United States, A Delineation Manual</i> (Lichvar and McColley 2008); and <i>Methods to Describe and Delineate Episodic Stream Process on Arid Landscapes for Permitting Utility-Scale Solar Power Plants</i> (Brady and Vyverberg, 2013). | | |

Documentation of the presence of stream channel and floodplain watercourses as opposed to upland fan terraces using field indicators provided a technical basis for: (1) determining the presence or absence of fluvial watercourses and (2) determining if the watercourse is active, dormant, abandoned, or relict.

3.4 Rainfall (WETS) Analysis

A WETS analysis was conducted to assess whether rainfall periods during the period of study fall within the normal range of precipitation based on long-term records collected at the nearest appropriate NWS cooperative weather station. Climate data for the nearby Blythe WETS Station (No. CA158) were obtained from the Western Regional Climate Center Cooperative Observer Program (Appendix A, Figure 1; Appendix C). The rainfall analysis followed the Technical Standard for Water-Table Monitoring of Potential Wetland Sites (Corps 2005), by which the Corps determines what is a normal, below normal and above normal rainfall month for any given year of record. The purpose of this analysis was to aid in establishing whether surface hydrology indicators observed onsite were likely the result of the amount of rainfall received during the period of study. This was accomplished by comparing recorded precipitation data collected prior to HBG's May 2014 to November 2016 on-site investigations with WETS historical average monthly rainfall data (averaged for the years 1971 to 2000) (Appendix A, Figure 1; Appendix C).

3.5 Mapping

Once field data collection was completed, recorded GPS data were incorporated into a Geographic Information System (GIS) and georeferenced in overlay fashion onto a USGS topographic base map and 2012 NAIP aerial imagery. This imagery was orthorectified to the 1:25,000 USGS topographic base following national mapping standards. The GIS located field data sampling points were used to assist in the identification and heads-up digitization of the location and geographic extent of all stream channel and floodplain watercourses within the Study Area. Indicator data collected in the field was analyzed to determine if the mapped watercourses were active, dormant, abandoned, or relict. Discreet stream channels and their abutting out of bank flow areas were mapped as line features and larger floodplain watercourses were mapped as polygon features. Area calculations for channels was based on average width data taken in the field (which included the active channel and abutting

watercourse to the geographical extent of identifiable fluvial indicators) and the mapped channel length.

4.0 TECHNICAL FINDINGS

The Study Area was found to consist of sand sheet and alluvial fan upland landforms shaped by eolian and fluvial geomorphological processes. Fluvial stream channels and floodplain watercourses were found within the upland fan landform. No lake landform was found within the Study Area. The following is a summary of the types of watercourses found.

| Upland Landforms | Stream / Floodplain Watercourses Found Within Sand Sheet and Alluvial Fan Landforms |
|-----------------------|--|
| Sand sheet deposits | None |
| Alluvial fan surfaces | <ul style="list-style-type: none">• Active. Hydrologically active watercourse.• Dormant. A watercourse isolated from its principal water source by natural causes or human constructed features such as roads, but that retains its potential for hydrologic reactivation and stream / watercourse function.• Abandoned. A watercourse along which water flow demonstrably no longer occurs; for example, a channel isolated from its water source through faulting or stream capture, or by human constructed features such as levees, incised roadways, surface flow diversions. The presence of physical indicators of fluvial inactivity is necessary to demonstrate abandonment, and the cause of the abandonment (such as a levee or road berm) should be identified. With time and the absence of flow, an abandoned channel will become a relict landform.• Relict. Surface water flow demonstrably no longer occurs as demonstrated by the presence of physical indicators of antiquity which demonstrate that the channel is a relict landform. |

The following sections describe the field indicators found within the Study Area that are indicative of stream channel and associated floodplain watercourse. As seen in the WETS Precipitation Data Summary in Appendix C, the months between December to March and July to September for the years 2014, 2015, and 2016 all had monthly average precipitation exceeding 0.4 of an inch. Observations of organic drift (organic flotsam) and desiccation mud cracks / curls associated with various active stream channels and floodplain watercourses situated along the northern, southern, eastern, and western boundaries of the site during 2014, 2015, and 2016 on-site investigations provide evidence that the amount of rainfall received within the Study Area prior to onsite indicator observations was enough to generate surface water flow or ponding conditions throughout the entire site. This information aided in determining if a watercourse was active or dormant versus abandoned or relict.

4.1 Uplands

4.1.1 Sand Sheet Deposits

Sand sheet deposits and coppice dunes were found at various locations within the Study Area. These areas consist of fine sands within 22 inches of the soil surface. No indicators of a stream channel or floodplain watercourse were found. The Appendix B NRCS Custom Soils Report shows the approximate location of these areas which are mapped as various Rositas Soil Types (RoA, RoB, and RsA). Dominant vegetation where vegetation was present was creosote bush and / or big galleta.

4.1.2 Alluvial Fan Deposits

Mixed alluvium deposits were found on remnant fan terraces over much of the Study Area. Both stream channel or floodplain watercourse were found within these upland areas. Coppice dunes were also found within many of these areas. The Appendix B NRCS Custom Soils Report shows the approximate location of these remnant fan areas which are mapped as Aco and Orita Soil Types (Ac, Af, Oc, and Or). Geomorphic upland field indicators found included deflated surfaces, coppice dunes, no flow or ponding indicators, and surface rounding of landform. Dominant vegetation was creosote bush.

4.2 Watercourses Identified

4.2.1 Active Watercourses

Active channels and out of channel flows were found on remnant fan terraces along the northern, southern, western, and eastern boundaries of the Study Area. The channels found along the northern boundary form part of the terminus of the Pallowalla Wash distributary stream system. This active stream system is captured by sand sheets and ends abruptly within the northern margin of the Study Area (Appendix A, Figure 7, Sheets 4 and 5 (FP1 & FP3)). Fine grained sediment deposited within the channels and abutting out of channel flow areas (floodplain) produced visible signatures that were observable using USDA NAIP 2012 aerial imagery. Dominant vegetation within the natural and excavated portions of the Pallowalla Wash channel (RR# 107, R54a, R54b, and R54c) was paloverde and creosote bush within the area around channel RR# 105.

Two active stream channels occur on the southeastern boundary of the Study Area (Appendix A, Figure 7, Sheets 13 and 17). Each of these channels direct surface water flows to hydrologically isolated playa lakes east of the Study Area. The source of water is from direct precipitation and overland surface flow from fan remnant areas to the west. Dominant vegetation within the area around the channels was creosote bush. Geomorphic fluvial field indicators found associated with the active channels included drift (organic), flow or streaming lineations. Review of aerial imagery provided indication of the channel and abutting floodplain in that areas with recent fine grained sediment deposits had a visible signature.

Sizeable watercourse floodplains were found at the end of the active channels along the northern Study Area boundary (Appendix A, Figure 7, Sheets 4 and 5, Watercourse #s FP1 and FP3). Here water flows spill from the terminus end of the channels and form surface water overflow areas against sand sheet areas within the floodplain. Dominant vegetation found within Watercourse # FP1 at the end of the Pallowalla Wash included creosote bush, big galleta, and paloverde. Creosote bush also dominated the area within Watercourse # FP3. Desiccation mud cracks and curls was the principal geomorphic fluvial field indicator found within each of these floodplain watercourses. Fine grained sediment deposited within the watercourse floodplain produced visible signatures that were observable using USDA NAIP 2012 aerial imagery.

An active watercourse was also found along the southwestern boundary of the Study Area (Appendix A, Figure 7, Sheet 10, Watercourse # FP2). At this location surface water from the

Mule Mountain distributary channel system is slowed down by a deeply incised dirt roadway to the west of the Study Area boundary and then abruptly stopped in a localized area by sand sheets resulting in the formation of a forming localized floodplain overflow area which episodically ponds. Desiccation mud cracks and curls was the principal geomorphic fluvial field indicator found. Fine grained sediment deposited within the watercourse floodplain produced visible signatures that were observable using USDA NAIP 2012 aerial imagery. Where vegetation was present creosote bush dominated the area within Watercourse.

4.2.2 Dormant Watercourses

Many channels were found which were hydrologically inactive, but have the potential for hydrologic reactivation and stream function (Appendix A, Figure 7, Sheets 5 and 10). Older flow or streaming lineations partially covered with sand were present within the channels, but organic drift material as found in the above described active channels was absent. Dominant vegetation within these dormant watercourse areas was creosote bush

4.2.3 Abandoned Watercourses

Abandoned channels were found throughout the Study Area (Appendix A, Figure 7, Sheets 1 - 6, 9, - 11, and 15, 16 - 17). Each of these channels was found to be hydrologically isolated or cut off from its principal up-slope or overland surface water flow source by either natural causes (sand sheet) and / or anthropogenic disturbance and / or influence to include: roads; earthen berms; and detention channels. In contrast to active and dormant channels, there was no evidence of flow to or from the abandoned channels due to interruption by natural and / or anthropogenic surface features. Field indicators of surface flow was typically not present or, if present, surface water flow would only be over a short distance within the channel before infiltrating into the soil.

Figure 8 of Appendix A provides mapping showing where off-site surface water flows directed toward the Study Area have been cut-off by natural and / or by human constructed features to include:

1. Natural Features (Appendix A, Figure 8; Appendix B):
 - a. sheet sands and dune soils which intercept surface water flows along the north, east, south, southwest, and west perimeter of the Study Area.
2. Human Constructed Features (Appendix A, Figure 8):
 - a. flood control features established along the north side of I-10 which direct surface water flows across the alluvial fan remnant directly to the Pallowalla Wash;
 - b. gravel pits on the Southside of I-10 which trap surface flows;
 - c. graded dirt roadways and pipeline routes which run perpendicular across the alluvial fan north of the Study Area and intercept surface water flows either capturing them within the roadway or redirecting them to larger channels;
 - d. a graded roadway and sand sheets / dune soils which run along the southwestern and eastern borders of the Study Area;
 - e. Dirt Roadways through the central and northeastern portion of the Study Area; and
 - f. Cultivated lands within the central part of the Study Area.

Review of USDA NAIP 2012 aerial imagery found that although the abandoned channels had a visible channel signature they lacked strong visible signatures of an abutting floodplain which is typical of active and dormant channels and floodplain watercourses. This is believed to be because of the lack of fine grained sediment within the floodplain watercourse after flow was cut off and weathering has occurred due to eolian process and/or direct precipitation events without surface / out of bank flow. Dominant vegetation within the area around the channels was creosote bush.

The following table summarizes how each of the abandoned channels has become hydrologically or cut off from its principal water source.

| Table 3. Summary of Observed Physical Indicators of Fluvial Inactivity Associated with Abandoned Water Courses Within the Study Area | | |
|---|--|---|
| Watercourse ID | Description of Hydrologic Disconnection | Physical Indicators of (fluvial inactivity) |
| RR1, RR2, & RR3 | Small localized erosional features (rill erosion) associated with dirt access road through plowed farm field. Storm water flow contained within localized land feature. Plowed soils intercept surface water flow (Attachment A, Figure 7, Sheet 5). | Hydrologically isolated; no evidence of flow to or from the channels. Field indicators of surface flow found only to be over a short distance within the channel before infiltrating into the soil. |
| RR7 & RR8 | Small localized erosional features (rill erosion) located on margins of graded dirt access road. Storm water flow contained within localized land feature. Roadway intercepts / cuts flow off. Roadway is actively maintained (Attachment A, Figure 7, Sheet 15). | Hydrologically isolated; no evidence of flow to or from the channels. Field indicators of surface flow found only to be over a short distance within the channel before infiltrating into the soil. |
| RR9, RR10, RR11, RR12, RR13, RR14, RR15, RR16, RR17, RR18, RR22, RR23, & RR40 | Small localized erosional features (rill erosion) located on margins of an abandoned graded dirt access road. Storm water flow contained within localized land feature. Roadway intercepts / cuts surface water flow off (Attachment A, Figure 7, Sheet 11). | Hydrologically isolated; no evidence of flow to or from the channels. Field indicators of surface flow found only to be over a short distance within the channel before infiltrating into the soil. |
| RR6 | Excavated ditch adjacent to abandoned cropland no longer irrigated from well-water source; Without irrigation, no excess irrigation runoff to ditch adjacent to constructed berm (Attachment A, Figure 7, Sheet 11). | Hydrologically isolated; no evidence of flow to or from the channel. No field indicators of flow found. |
| RR19, RR20a-f, RR21a-b, RR24a-e, RR25a-e, RR26, RR27a-b, RR28a-b, RR29, RR30a-b, RR31, RR32, RR33, RR34a-c, RR35, & RR36 | Small localized erosional features (rill erosion) located on margins of an abandoned graded earthen levee surrounding a former irrigated cropland. Features result of levee construction (Attachment A, Figure 7, Sheet 11). | Hydrologically isolated; no evidence of flow to or from the channels. Field indicators of surface flow found only to be over a short distance within the channel before infiltrating into the soil. |
| RR37, RR38a, RR38b, & RR39 | Storm water flow contained within localized land feature. Surface water flow cut-off upgradient by deeply incised dirt roadway maintained by periodic road grading; Roadway captures upslope surface water flows where they are absorbed into the soil. Roadway cut exposed underlying | Hydrologically isolated; no evidence of flow to or from the channels. Field indicators of surface flow found only to be over |

Table 3. Summary of Observed Physical Indicators of Fluvial Inactivity Associated with Abandoned Water Courses Within the Study Area

| Watercourse ID | Description of Hydrologic Disconnection | Physical Indicators of (fluvial inactivity) |
|---|--|---|
| | sand sheets / dune soils covered by alluvial fan deposits (see Appendix A, Figure 7, Sheets 10 & 15 and Figure 8). Hydrologically isolated with no flow to or from channels observed. Roadway is actively maintained. | a short distance within the channel before infiltrating into the soil. |
| RR47b, RR69, RR70, RR73, RR83, & RR85 | Upgradient surface water flow cut-off from the west and northwest by sand sheet movement (see Appendix A, Figure 7, Sheet 10; and Figure 8). | Hydrologically isolated; no evidence of flow to or from the channels. Field indicators of surface flow found only to be over a short distance within the channel before infiltrating into the soil. |
| RR90, RR91, RR92, RR93, RR94, RR95, RR96, RR97, RR98, RR99, RR 100, RR101, & RR 102, | Upgradient surface water flow cut-off by sand sheet movement and dune soils. Hydrologically isolated with no flow to or from channels observed (see Appendix A, Figure 8). (see Appendix A, Figure 7, Sheets 16 and 17; and Figure 8). | Hydrologically isolated; no evidence of flow to or from the channels. Field indicators of surface flow found only to be over a short distance within the channel before infiltrating into the soil. |
| RR77 & RR80 | Surface water flows from Pallowalla Wash/ channel diverted by earthen dike and intercepted by detention channel to protect solar farm project located to the northwest (see Appendix A, Figure 7, Sheet 6; and Figure 8). | Hydrologically isolated; no evidence of flow to or from the channels. Field indicators of surface flow found only to be over a short distance within the channel before infiltrating into the soil. |
| RR66, RR67, RR68, RR81, & RR82, RR106 | Sand sheet formation between discharge point and historical stream channels prevents surface water from reaching channels (see Appendix A, Figure 7, Sheets 2, 3, 5, & 6; and Figure 8). | Hydrologically isolated; no evidence of flow to or from the channels. Field indicators of surface flow found only to be over a short distance within the channel before infiltrating into the soil. |
| RR42 – RR47a, RR48 - RR58, RR60, RR71, RR72, RR74 – RR76, RR84, RR86 - RR88, RR103, & RR104 | Sand sheet formation and movement combined with maintained incised dirt roadway cuts-off surface water flow to historical stream channels preventing surface water from reaching channels (see Appendix A, Figure 7, Sheets 9 & 10; and Figure 8). | Hydrologically isolated; no evidence of flow to or from the channels. Field indicators of surface flow found only to be over a short distance within the channel before infiltrating into the soil. |

4.2.4 Relict Watercourses

No relict channels were identified within Study Area as sand sheet appeared to mask episodic field indicators where these types of channels were likely to occur. There is some visual evidence based on vegetation alignment as seen on the of USDA NAIP 2012 aerial imagery along the western margin of Sheets 2 and 10 of Appendix A Figure 7 that there are potentially underlying relict channels. Dominant vegetation within the area around these likely relict channels was creosote bush.

5.0 AREAS POTENTIALLY SUBJECT TO CDFW JURISDICTION

This section presents the findings of this delineation with respect to the identification and geographic extent of areas found that could potentially be regulated by the CDFW under the 1600 Lake and Streambed Alteration Agreement Program.

No lakes were found within the Study Area, but areas were found that meet the Title 14 CCR Section 1.72 definition of a stream. These watercourses are potentially subject to jurisdiction under the CDFW's Lake and Streambed Alteration Agreement Program (FGC Sections 1600-1616). This finding is based on the presence of observed physical evidence that water had moved across the land surface within the confines of a streambed or where water had overflowed the confines of the streambed prior to infiltrating into the soils. Fluvially active and dormant watercourses were considered as potentially subject to CDFW jurisdiction. Fluvial channels hydrologically isolated or cut off from upgradient stream channel or floodplain watercourses were not considered to be potentially subject to CDFW jurisdiction. These types of watercourses were considered abandoned or relict based on field indicator data and review of aerial imagery.

Table 4 provides a summary of potential CDFW jurisdictional acreage within the Study Area. Potential jurisdictional acreage for individual delineated stream and floodplain watercourses was calculated using the total linear distance of the channel multiplied by the average width. As described in Section 3.0, above channel width was measured from where indicators of fluvial process were found within the watercourse either within the channel or to the extent surface water flow indicators (i.e., fine sediment deposition) was evident outside the channel bank. Potential jurisdictional acreage for floodplain watercourses was measured using an area calculation based on the perimeter of the watercourse ponding indicators (i.e., desiccation cracks) identified in the field. Appendix A, Figure 7 provides mapping stream / watercourse areas potentially subject to CDFW jurisdiction as well as hydrologically cut-off abandoned watercourses not considered to be jurisdictional. Table 5 provides a summary of watercourses not considered to be jurisdictional. Relict stream course features were not mapped given the difficulty in identification as the landform features were obscured by moving sand sheets. Appendix F provides computations for delineated areas shown in Appendix A, Figure 7.

| Table 4. Summary of Linear Distance and Acreage of Fluvial Watercourse Found Within the Study Area Potentially Subject to CDFW Jurisdiction | | |
|--|------------------------|--------------|
| Jurisdictional Watercourse | Linear Distance | Acres |
| • Active Channel | 5,744 | 0.13 |
| • Dormant Channel (retains its potential for hydrologic reactivation and stream function) | 6,778 | 0.16 |
| Active Watercourse (floodplain) | NA | 66.98 |
| Total | 12,522 | 67.27 |

5.0 AREAS POTENTIALLY SUBJECT TO CDFG JURISDICTION

| Table 5. Summary Linear Distance and Acreage of Watercourses Found Not to be Jurisdictional | | |
|---|-----------------|-------------|
| Non-Jurisdictional Watercourse | Linear Distance | Acres |
| • Abandoned Channel | 45,189 | 1.04 |
| Total | 45,189 | 1.04 |

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Appendix A

Figures

| | |
|----------|--|
| Figure 1 | Regional Location Map |
| Figure 2 | USGS Topographic Map of the Study Area |
| Figure 3 | Vegetation Map of the Study Area |
| Figure 4 | USGS NHD HUC 8 Watershed Mapping |
| Figure 5 | USGS NHD HUC 12 Watershed Mapping |
| Figure 6 | USGS NHD Mapping with Mapped Surface Water Flows Within and Adjacent to The Study Area |
| Figure 7 | Stream Channel and Watercourses Potentially Subject to CDFW Jurisdiction |
| Figure 8 | Mapping Showing Where Off-Site Surface Water Flows Directed Toward the Study Area Have Been Cut-Off by Natural and by Constructed Surface Features |

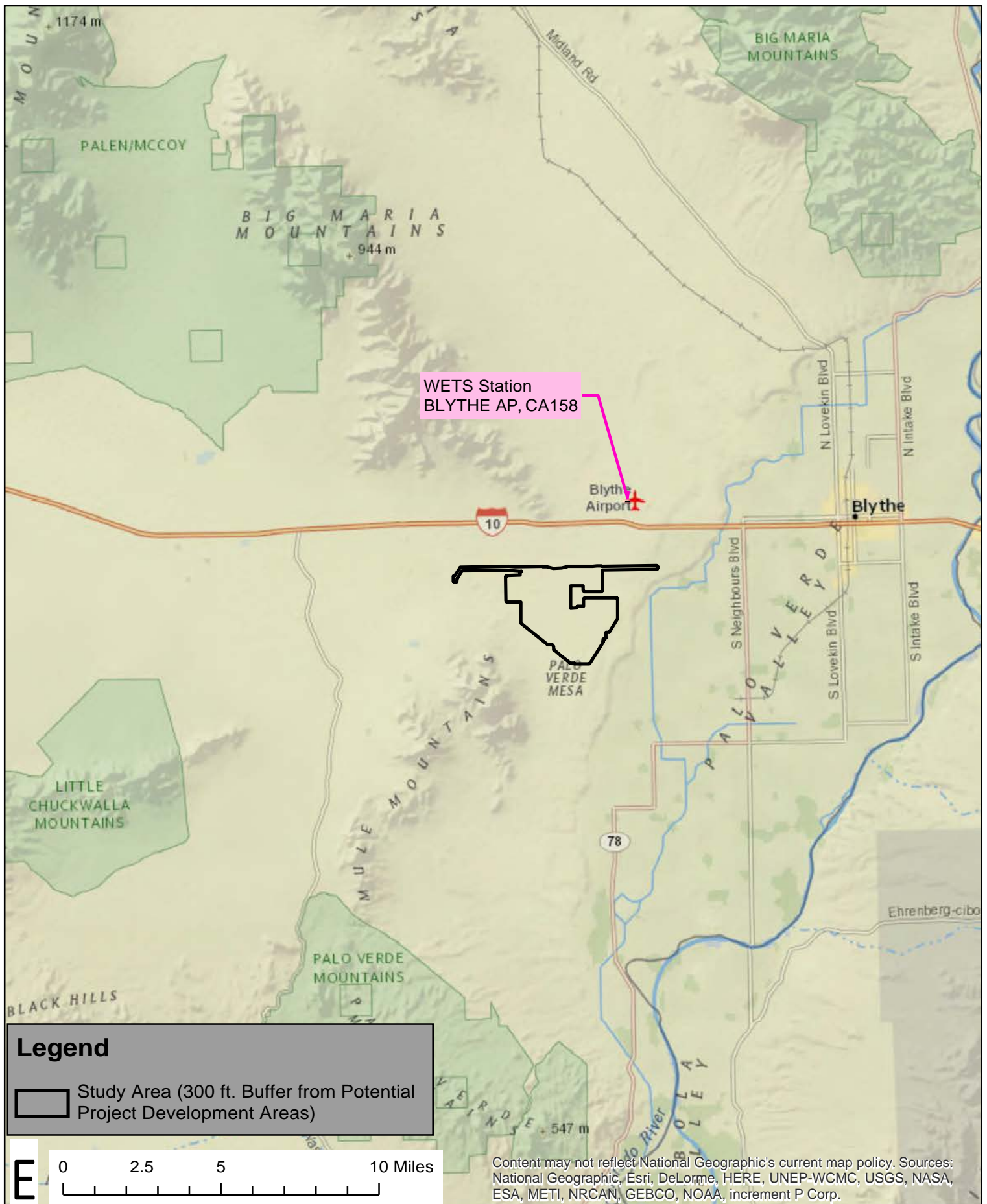


Figure 1. Regional Location Map

Desert Quartzite LLC Solar Farm Project,
Town of Blythe, Riverside County, California

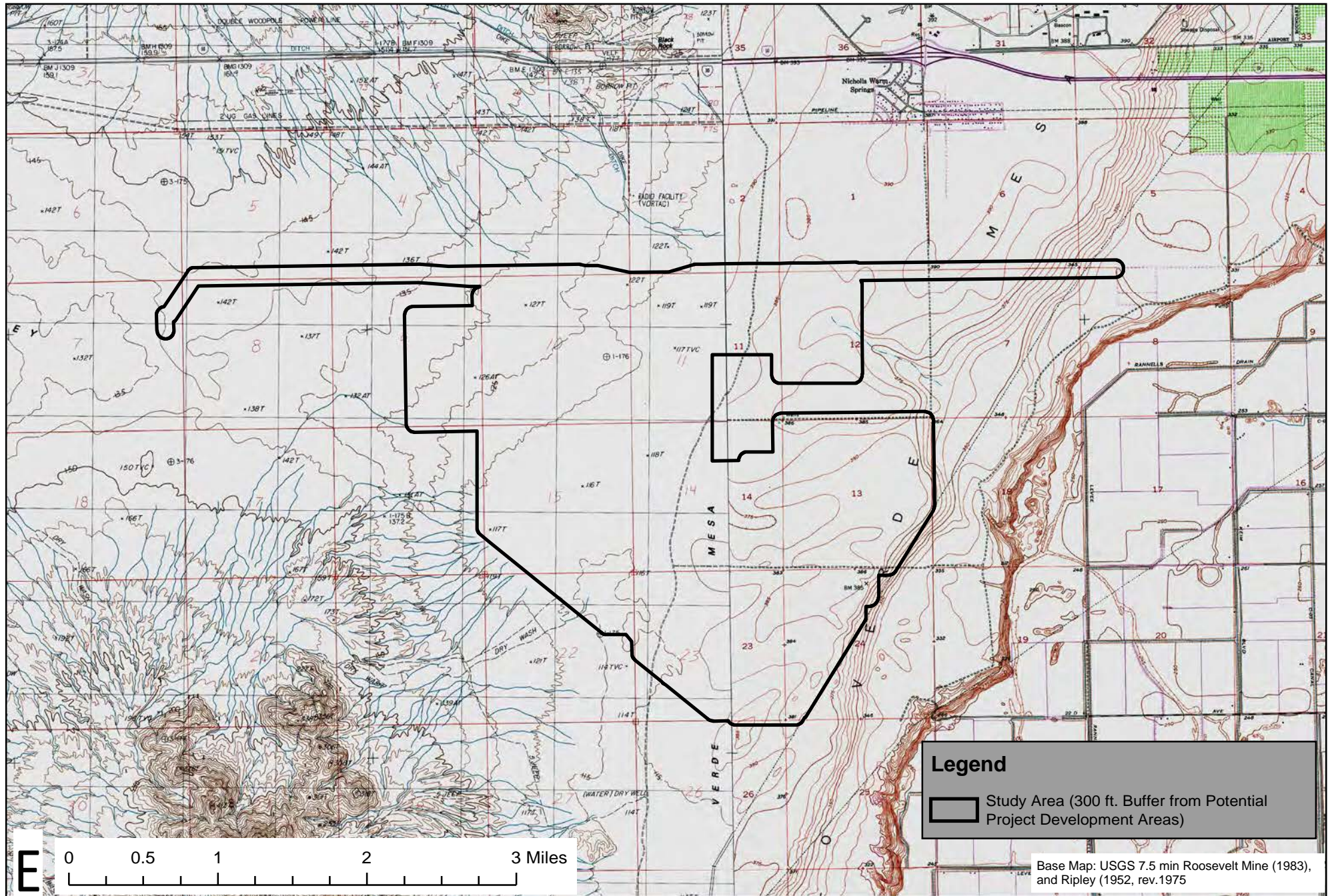


Figure 2. USGS Topographic Map of the Study Area

Desert Quartzite LLC Solar Farm Project,
Town of Blythe, Riverside County, California

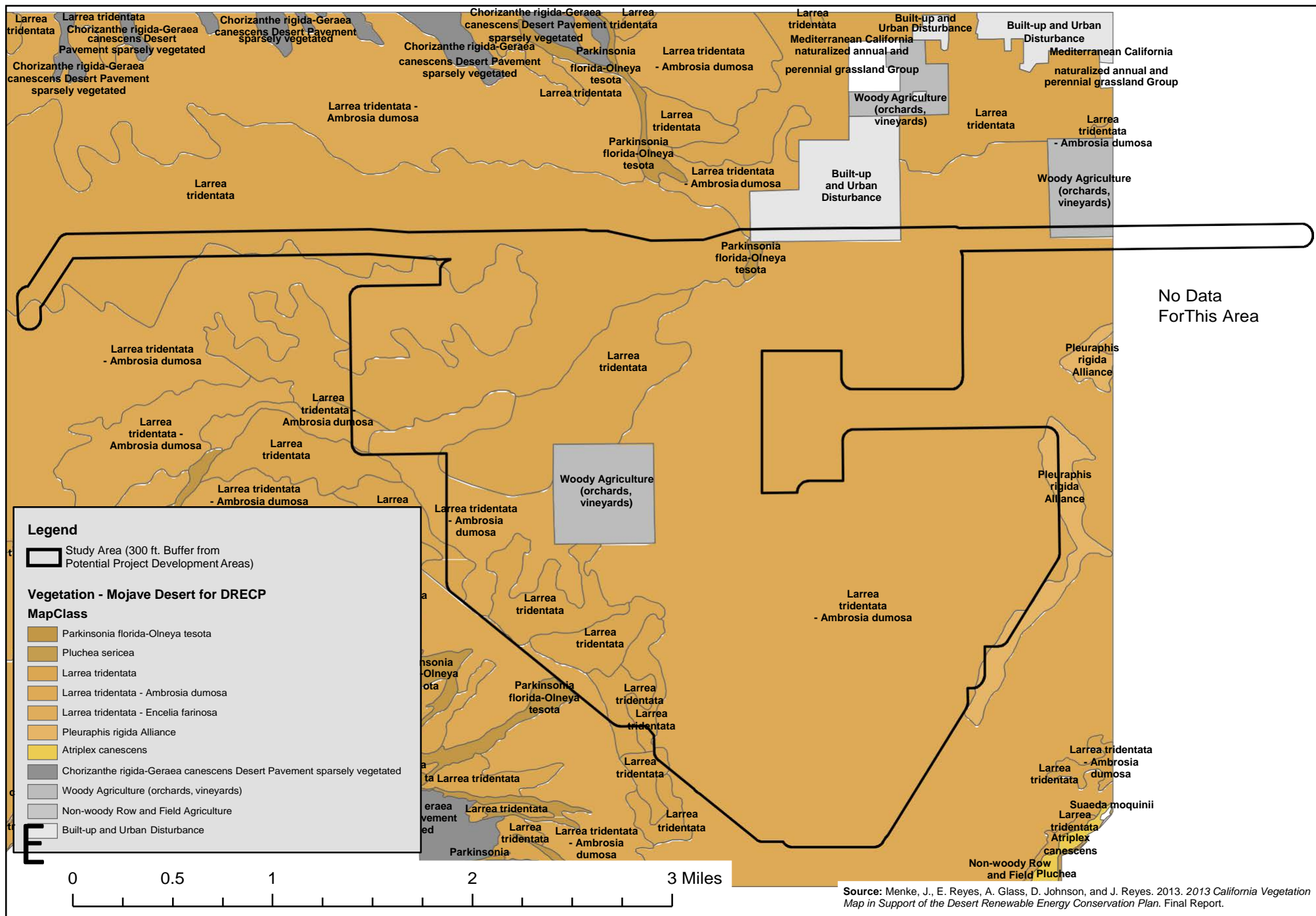


Figure 3. Vegetation Map of the Study Area

Desert Quartzite LLC Solar Farm Project,
Town of Blythe, Riverside County, California

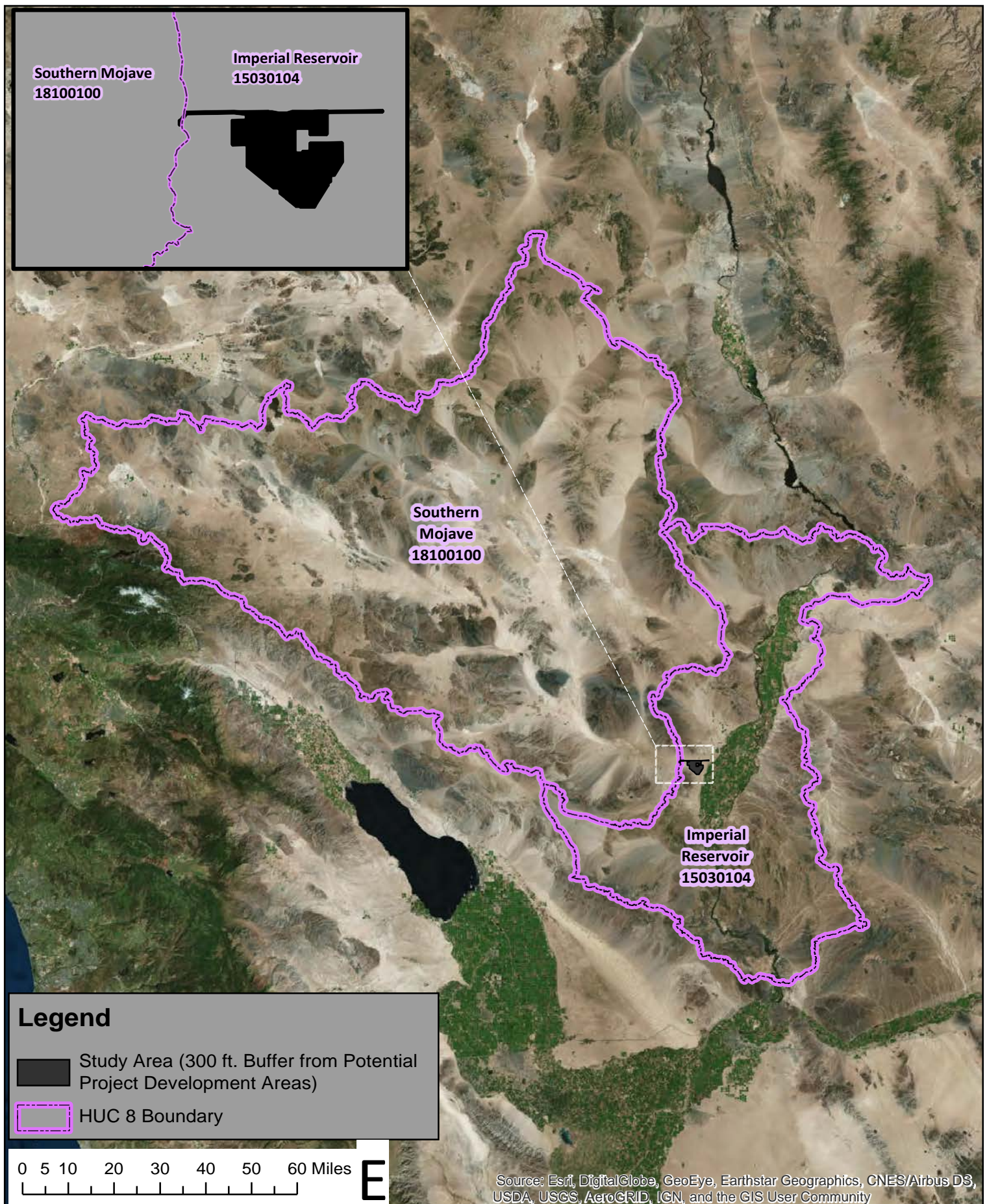


Figure 4. USGS NHD HUC 8 Watershed Mapping

Desert Quartzite LLC Solar Farm Project,
Town of Blythe, Riverside County, California

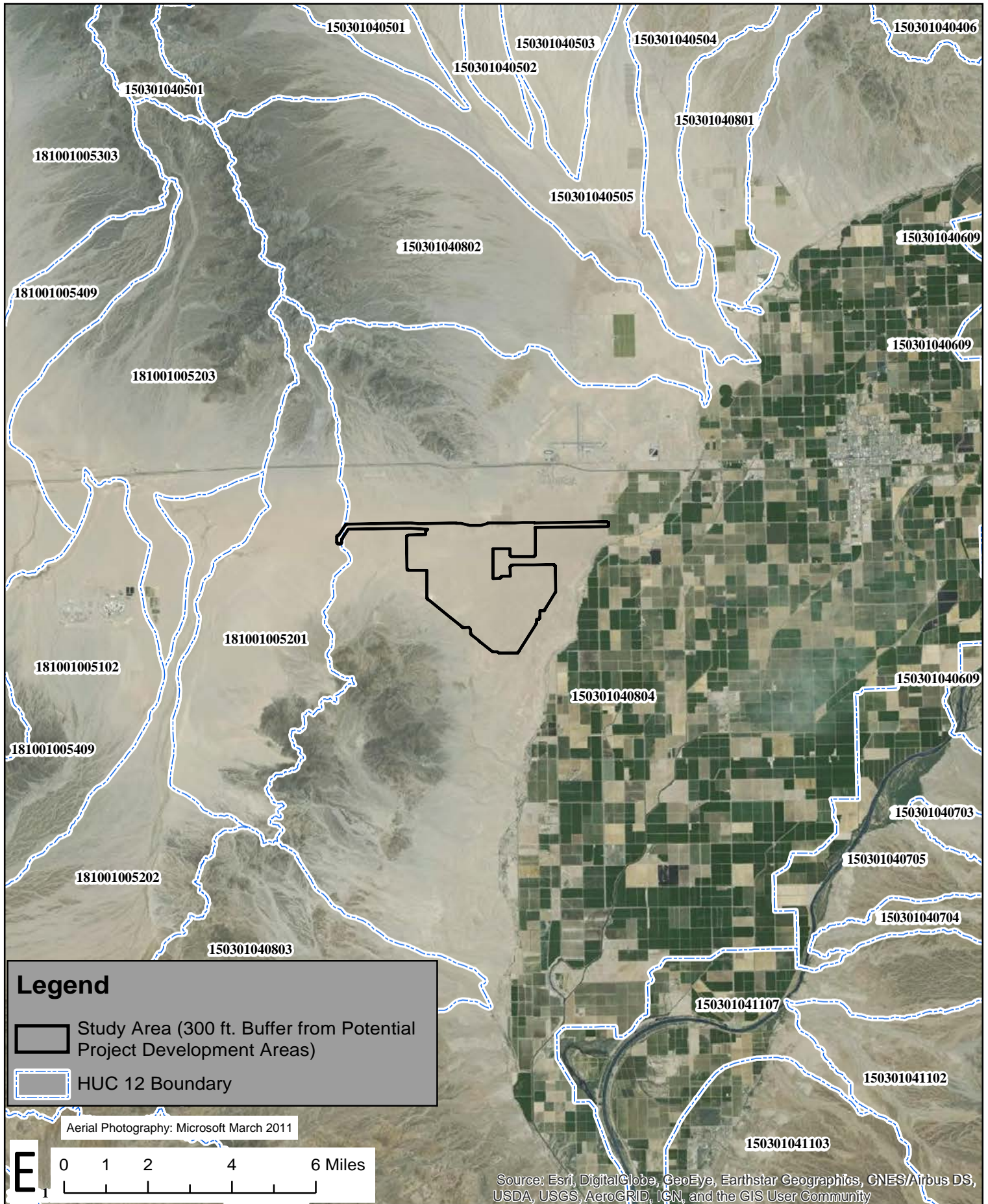


Figure 5. USGS NHD HUC 12 Watershed Mapping

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Desert Quartzite LLC Solar Farm Project,
Town of Blythe, Riverside County, California

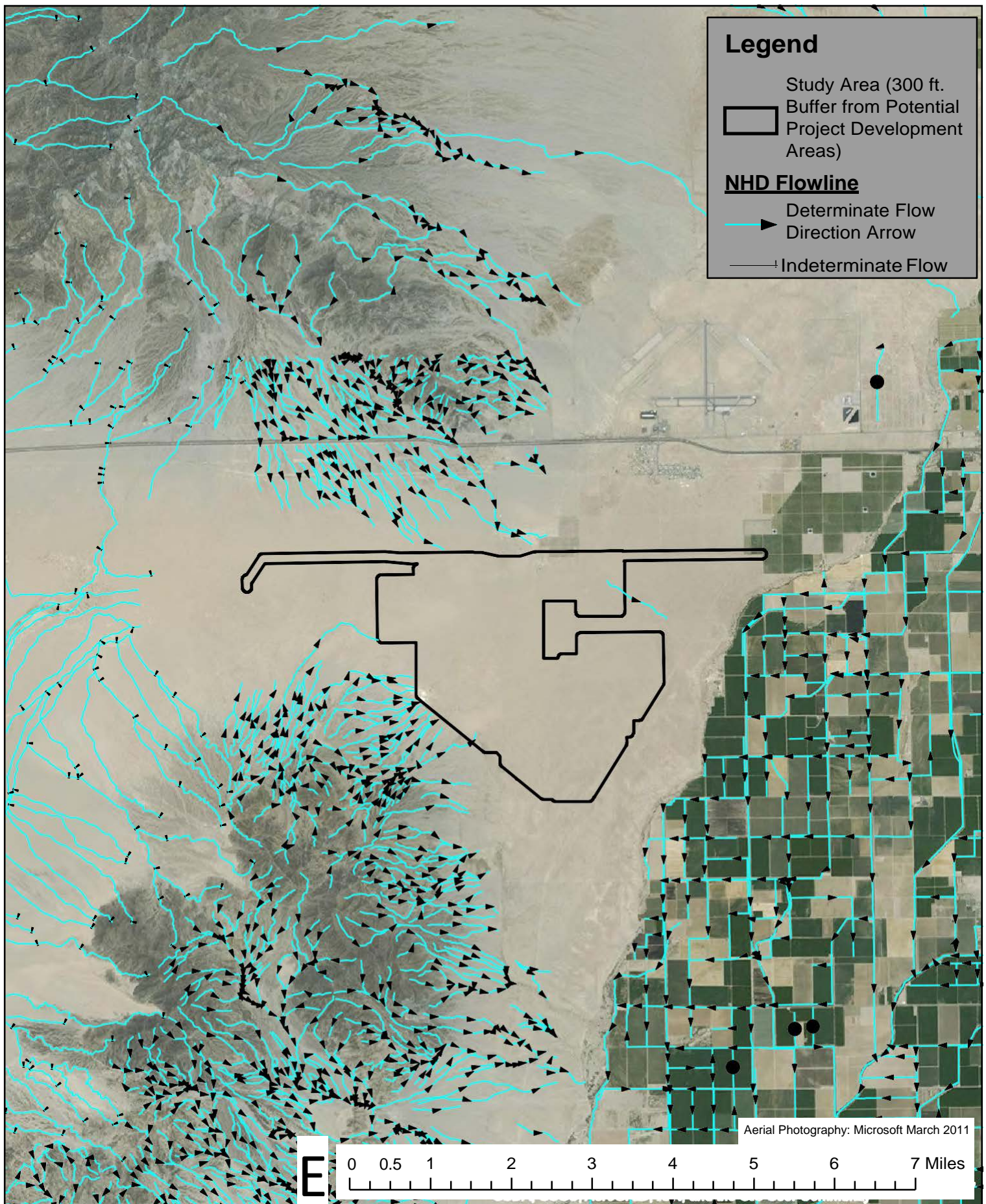
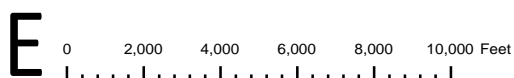
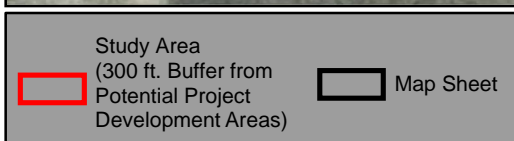
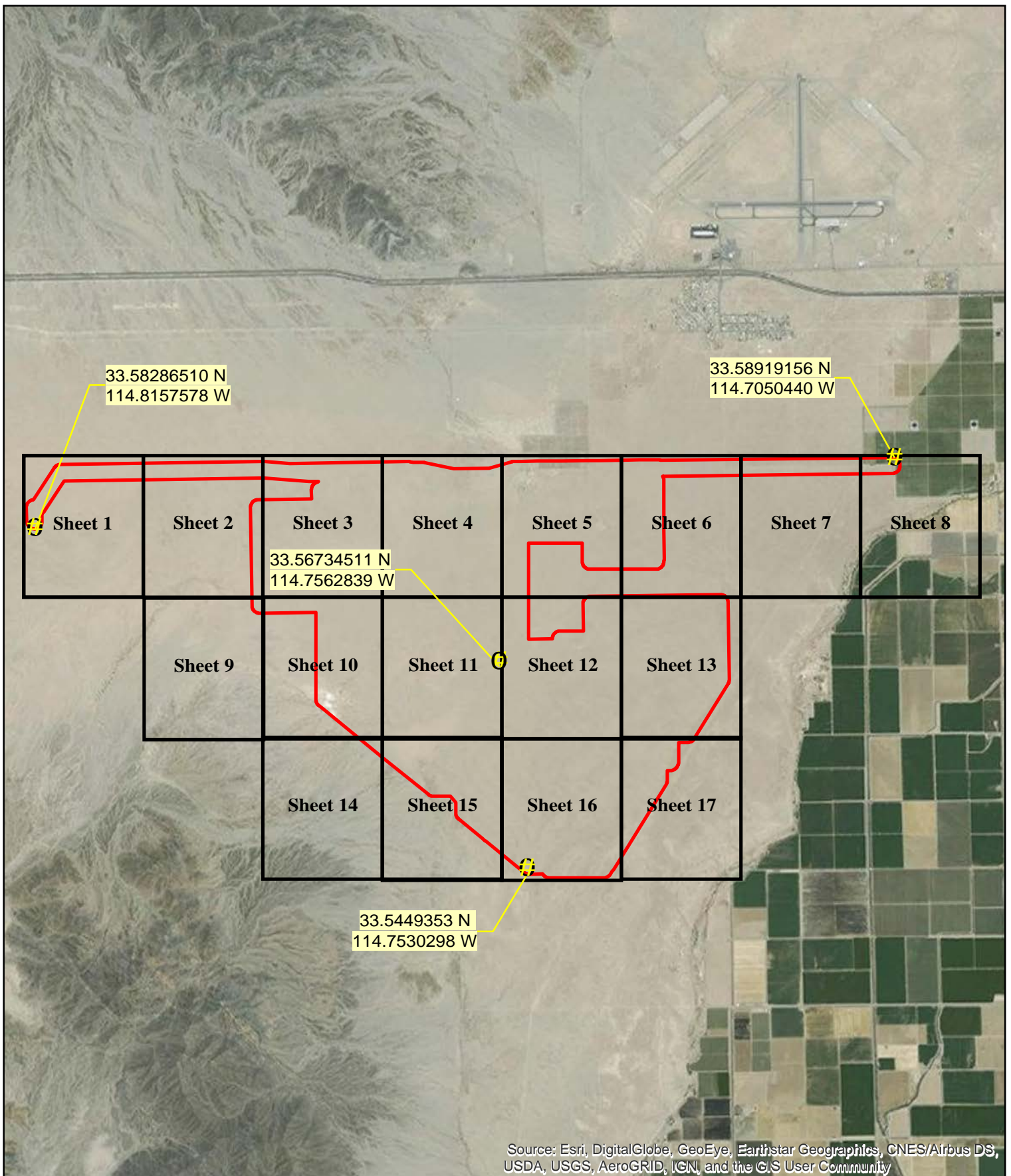


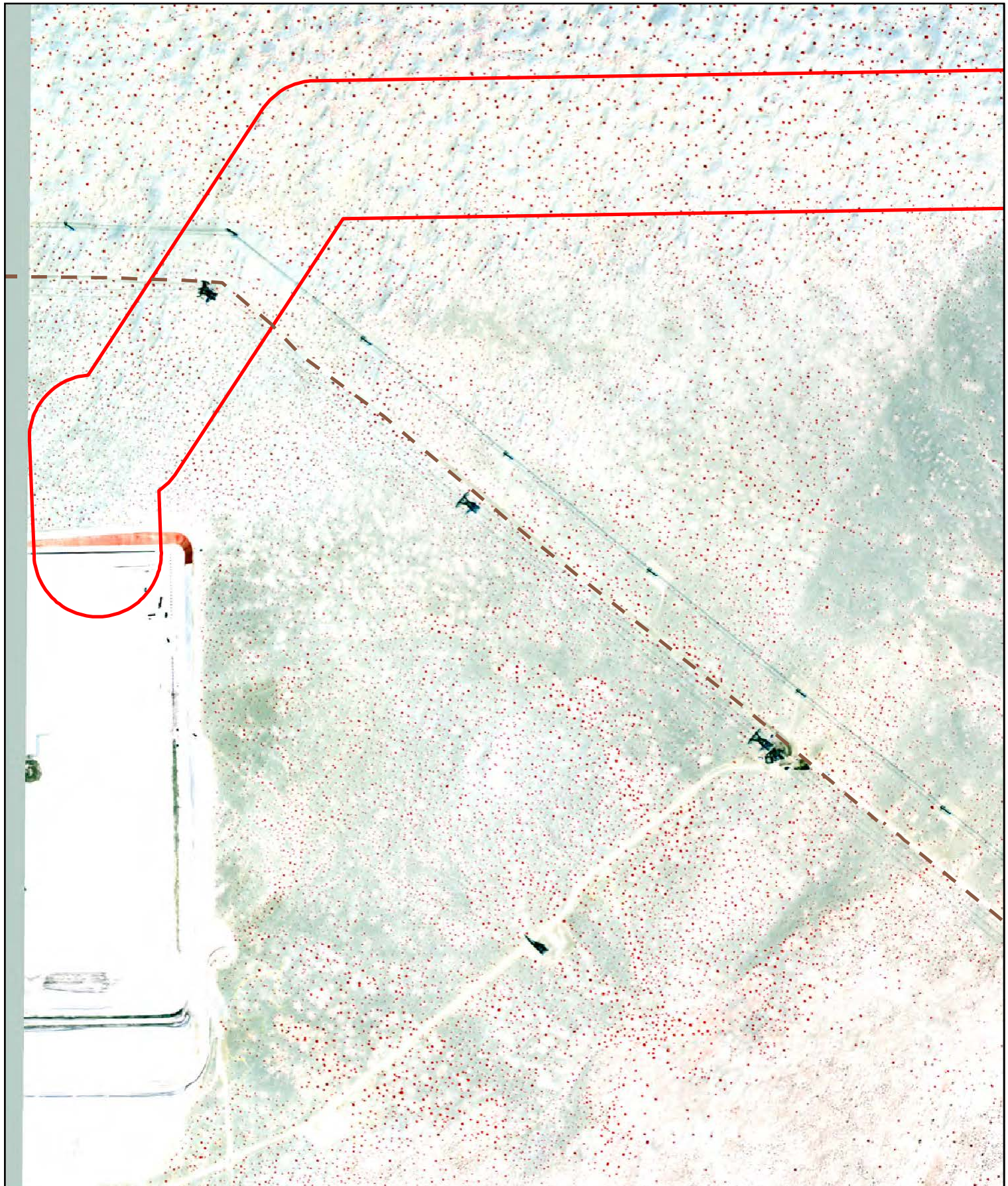
Figure 6. USGS NHD Mapping with Mapped Surface Water Flows Within and Adjacent to the Study Area

Desert Quartzite LLC Solar Farm Project,
Town of Blythe, Riverside County, California



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Figure 7. Stream Channels and Watercourses Potentially Subject to CDFW Jurisdiction, Index Map
Desert Quartzite LLC Solar Farm Project,
Town of Blythe, Riverside County, California



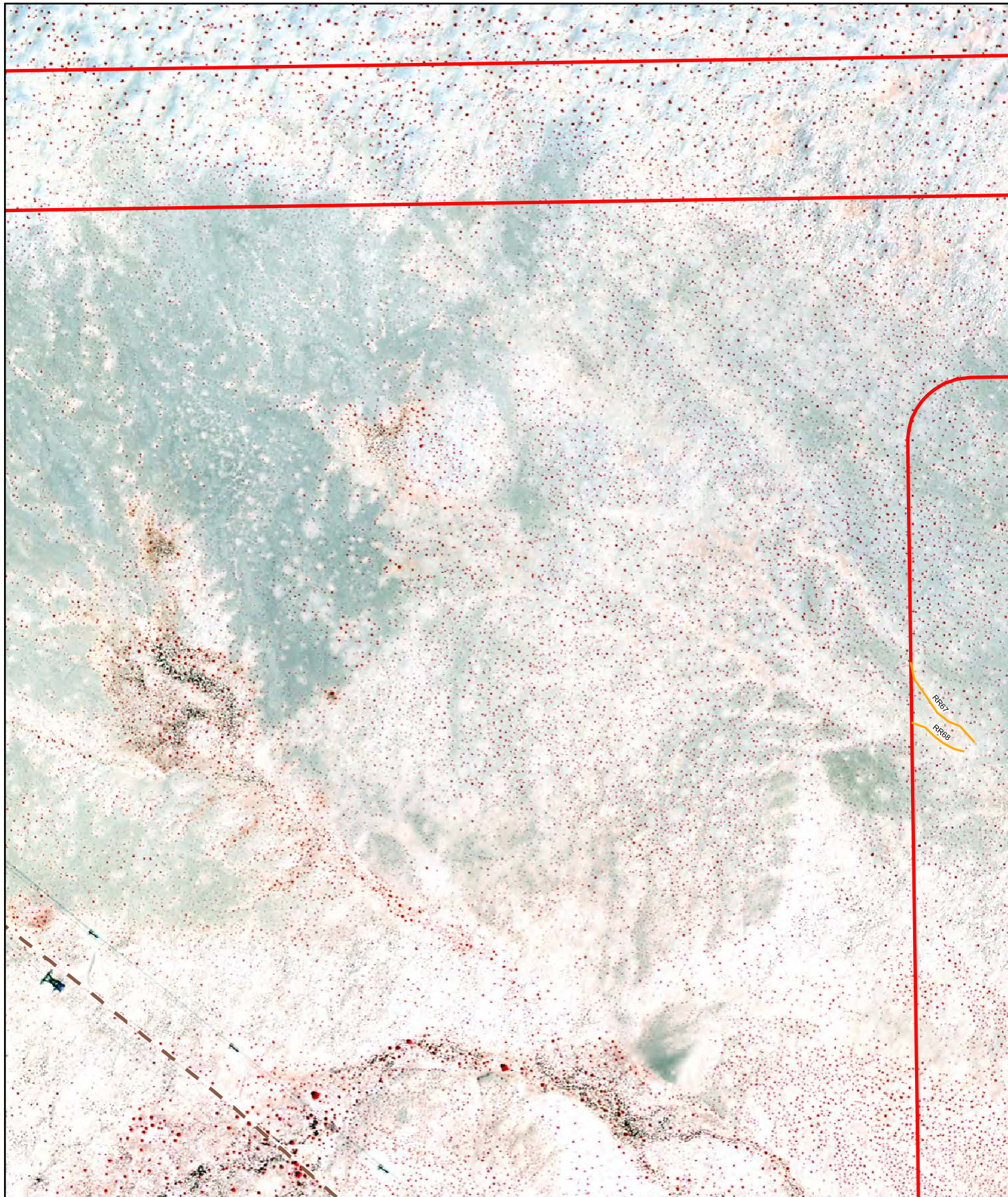
Aerial Photography: NAIP 2012

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Figure 7. Stream Channels and Watercourses Potentially Subject to CDFW Jurisdiction, Sheet 1
Desert Quartzite LLC Solar Farm Project, Town of Blythe, Riverside County, California



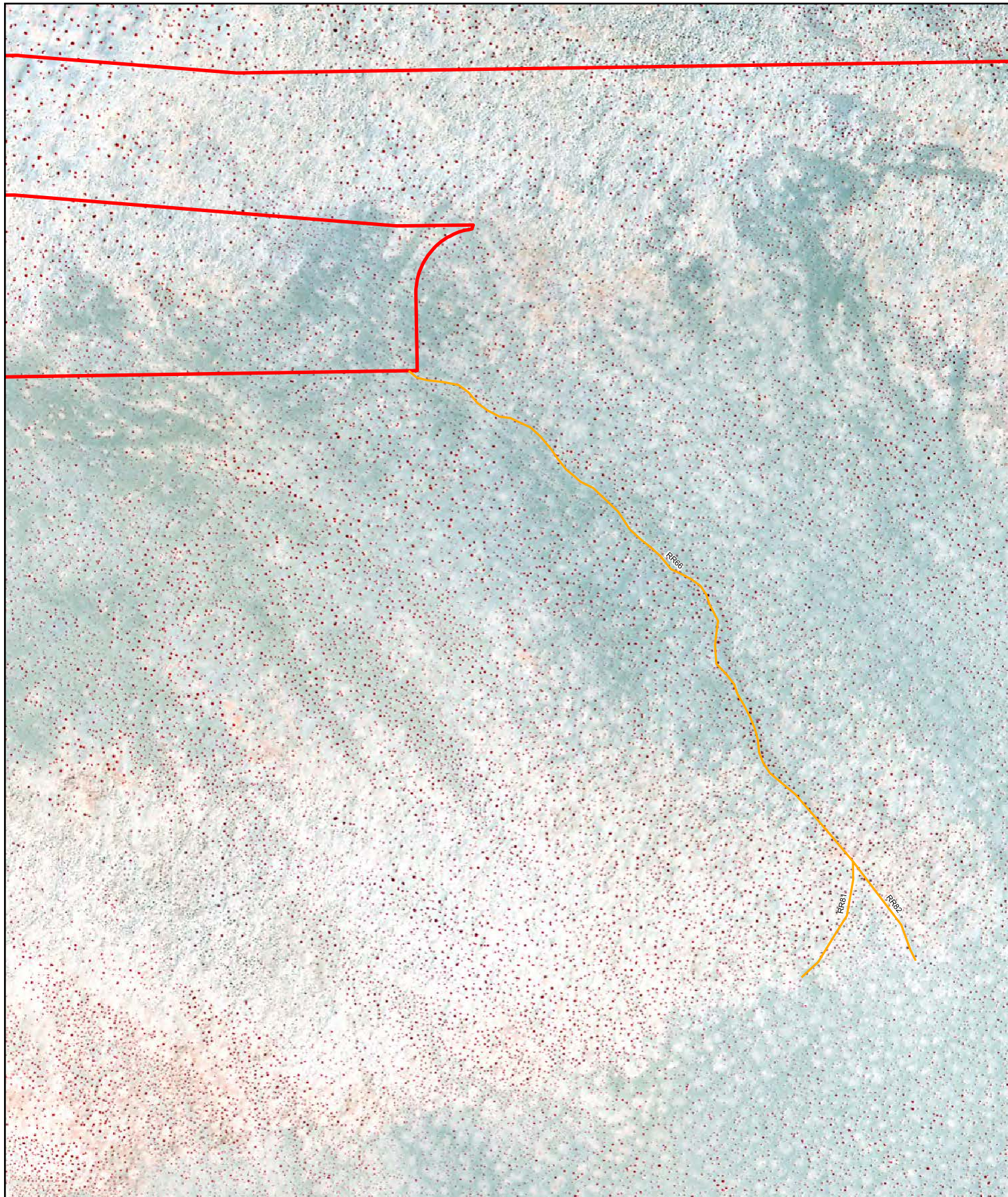
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Figure 7. Stream Channels and Watercourses Potentially Subject to CDFW Jurisdiction, Sheet 2
Desert Quartzite LLC Solar Farm Project, Town of Blythe, Riverside County, California



Aerial Photography: NAIP 2012

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Figure 7. Stream Channels and Watercourses Potentially Subject to CDFW Jurisdiction, Sheet 3
Desert Quartzite LLC Solar Farm Project, Town of Blythe, Riverside County, California



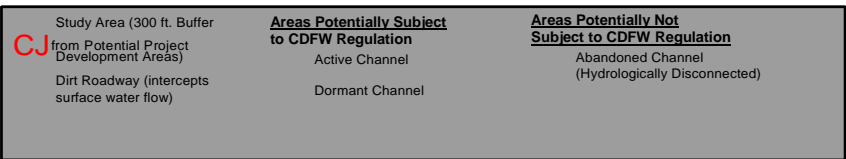
Aerial Photography: NAIP 2012

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Figure 7. Stream Channels and Watercourses Potentially Subject to CDFW Jurisdiction, Sheet 4
Desert Quartzite LLC Solar Farm Project, Town of Blythe, Riverside County, California

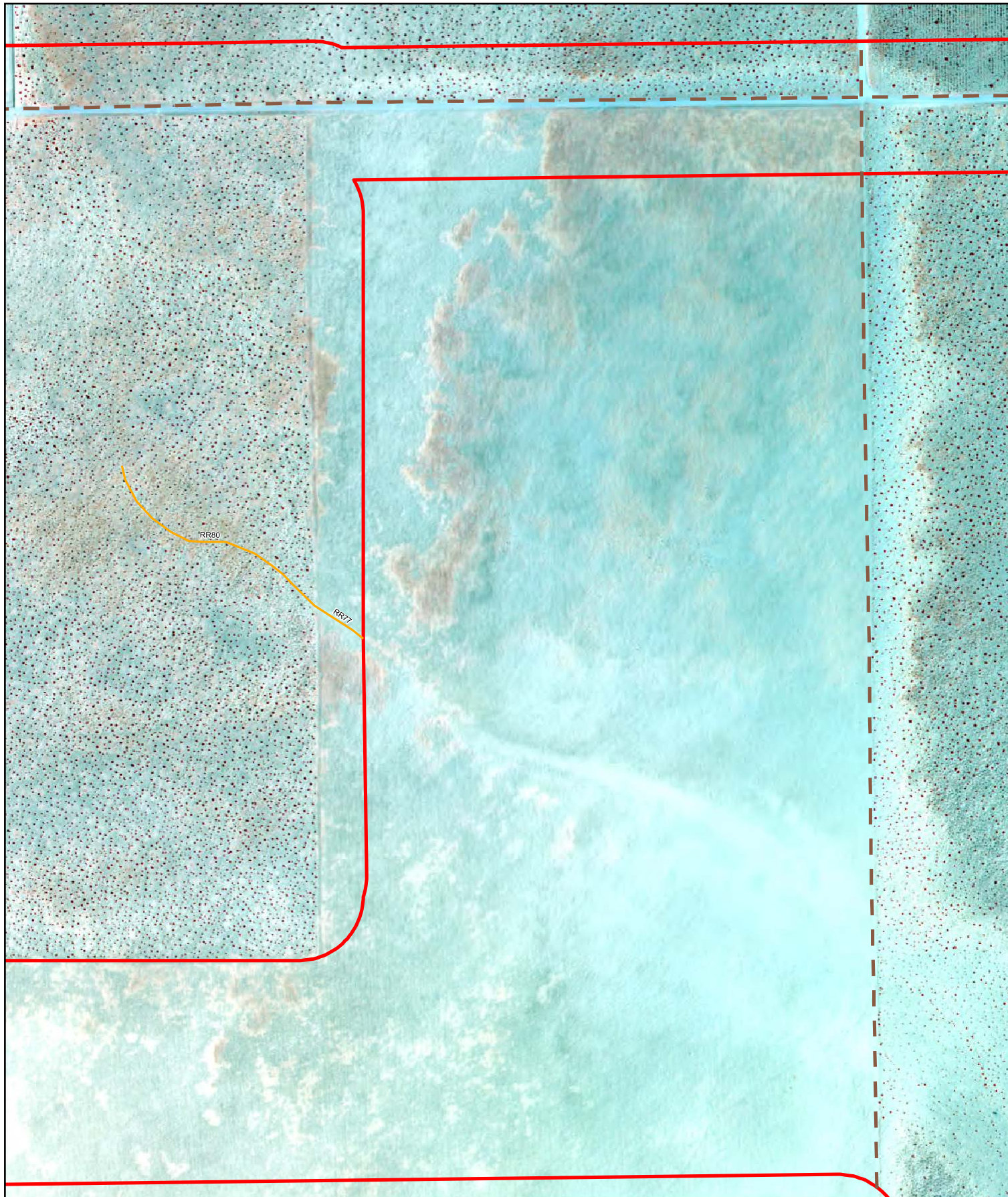


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Figure 7. Stream Channels and Watercourses Potentially Subject to CDFW Jurisdiction, Sheet 5
Desert Quartzite LLC Solar Farm Project, Town of Blythe, Riverside County, California



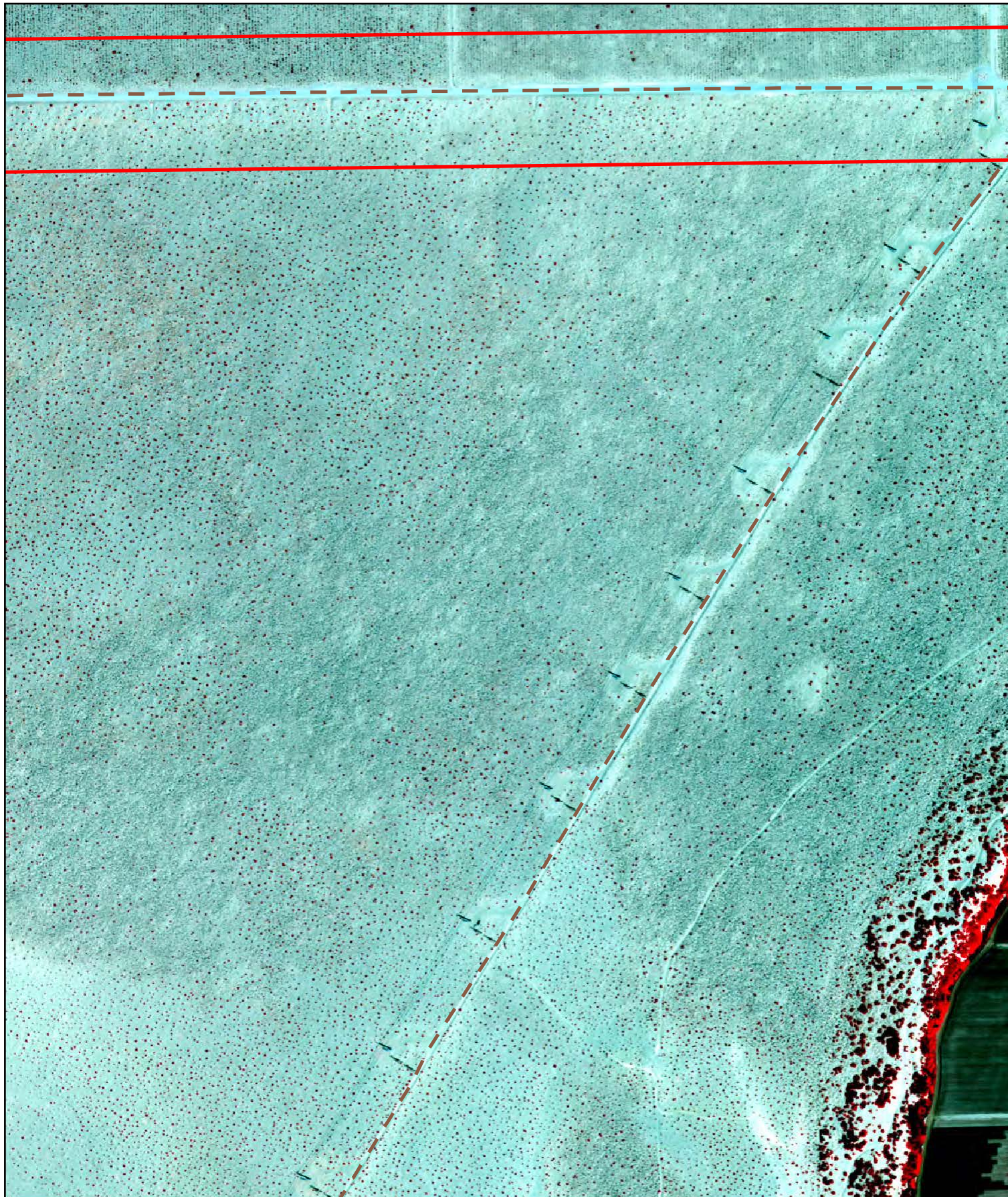
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Figure 7. Stream Channels and Watercourses Potentially Subject to CDFW Jurisdiction, Sheet 6
Desert Quartzite LLC Solar Farm Project, Town of Blythe, Riverside County, California



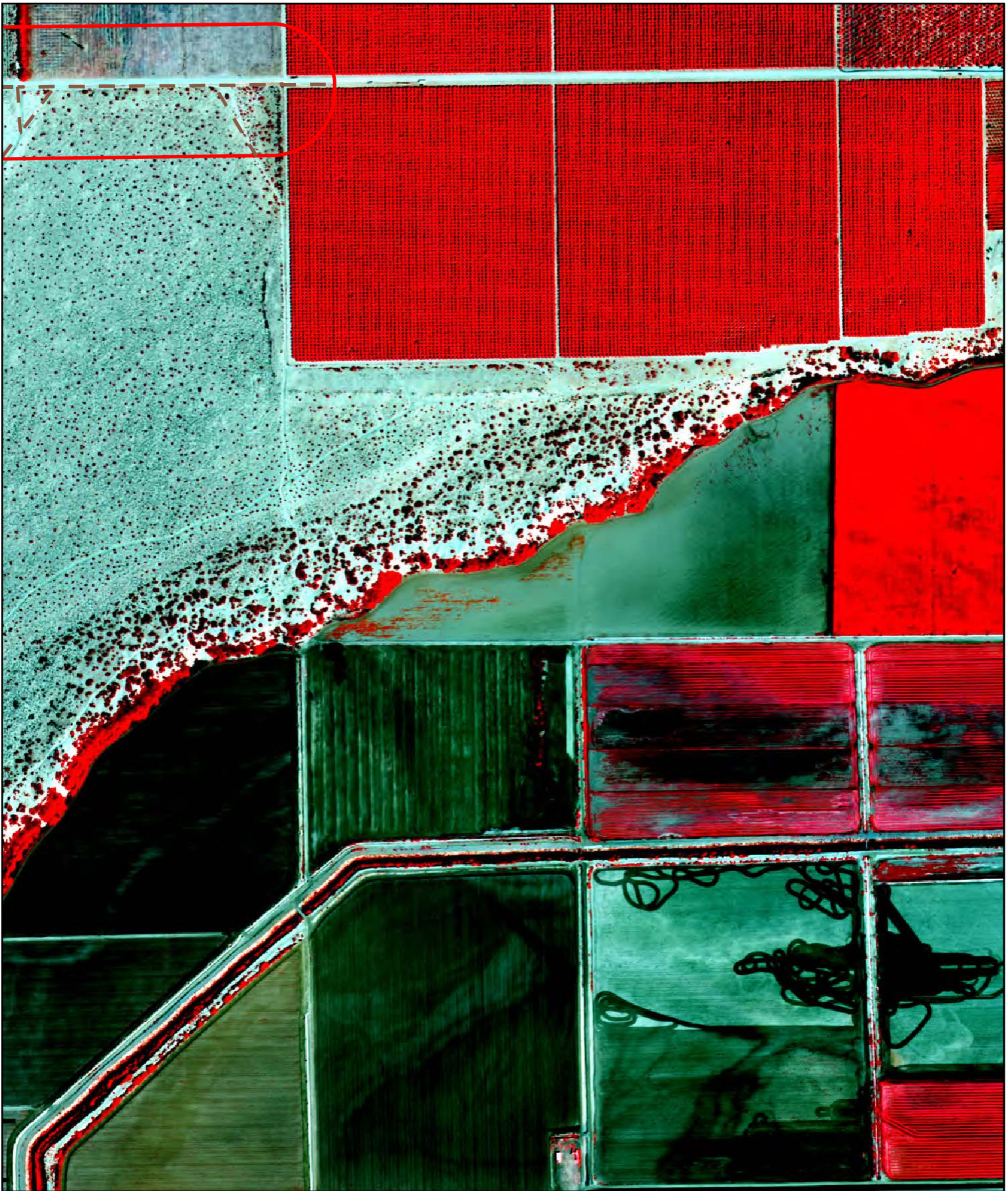
Aerial Photography: NAIP 2012

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Figure 7. Stream Channels and Watercourses Potentially Subject to CDFW Jurisdiction, Sheet 7
Desert Quartzite LLC Solar Farm Project, Town of Blythe, Riverside County, California



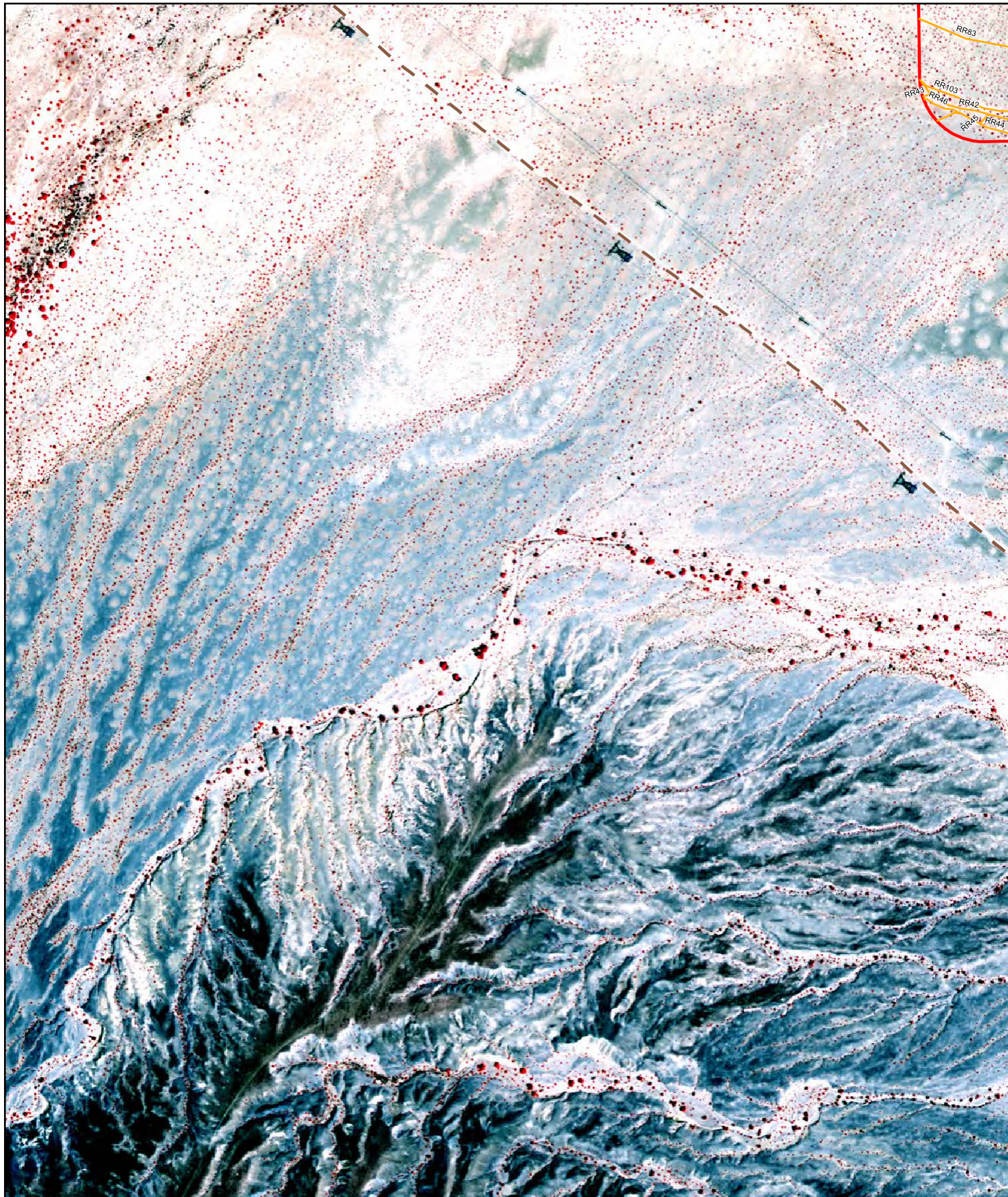
Aerial Photography: NAIP 2012

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Figure 7. Stream Channels and Watercourses Potentially Subject to CDFW Jurisdiction, Sheet 8
Desert Quartzite LLC Solar Farm Project, Town of Blythe, Riverside County, California



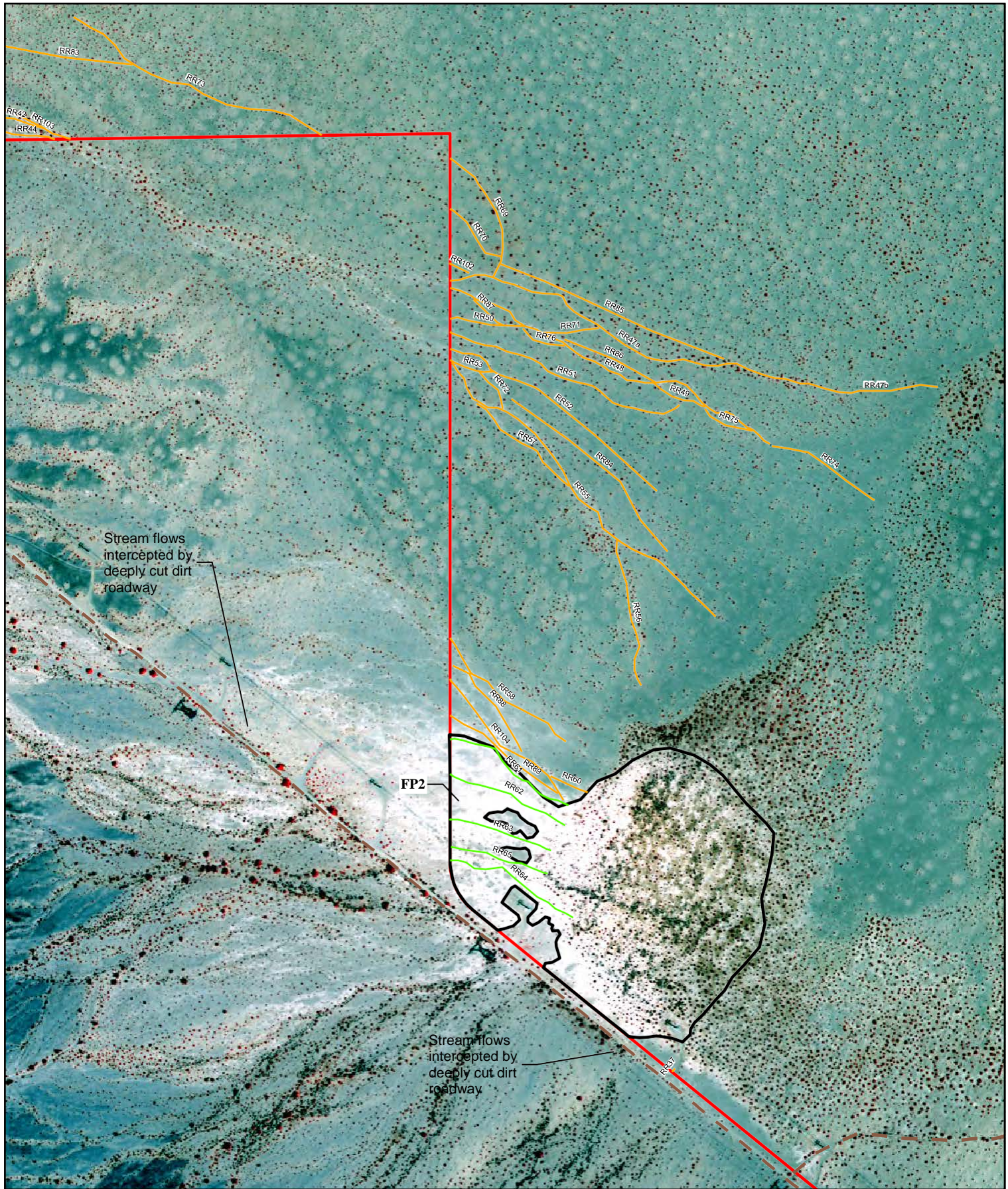
Aerial Photography: NAIP 2012

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Figure 7. Stream Channels and Watercourses Potentially Subject to CDFW Jurisdiction, Sheet 9
Desert Quartzite LLC Solar Farm Project, Town of Blythe, Riverside County, California



Aerial Photography: NAIP 2012

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Figure 7. Stream Channels and Watercourses Potentially Subject to CDFW Jurisdiction, Sheet 10
Desert Quartzite LLC Solar Farm Project, Town of Blythe, Riverside County, California



Figure 7. Stream Channels and Watercourses Potentially Subject to CDFW Jurisdiction, Sheet 11
Desert Quartzite LLC Solar Farm Project, Town of Blythe, Riverside County, California

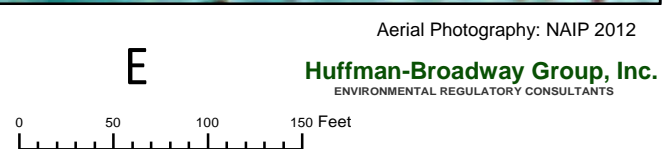
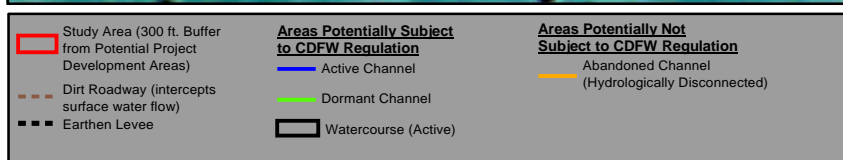
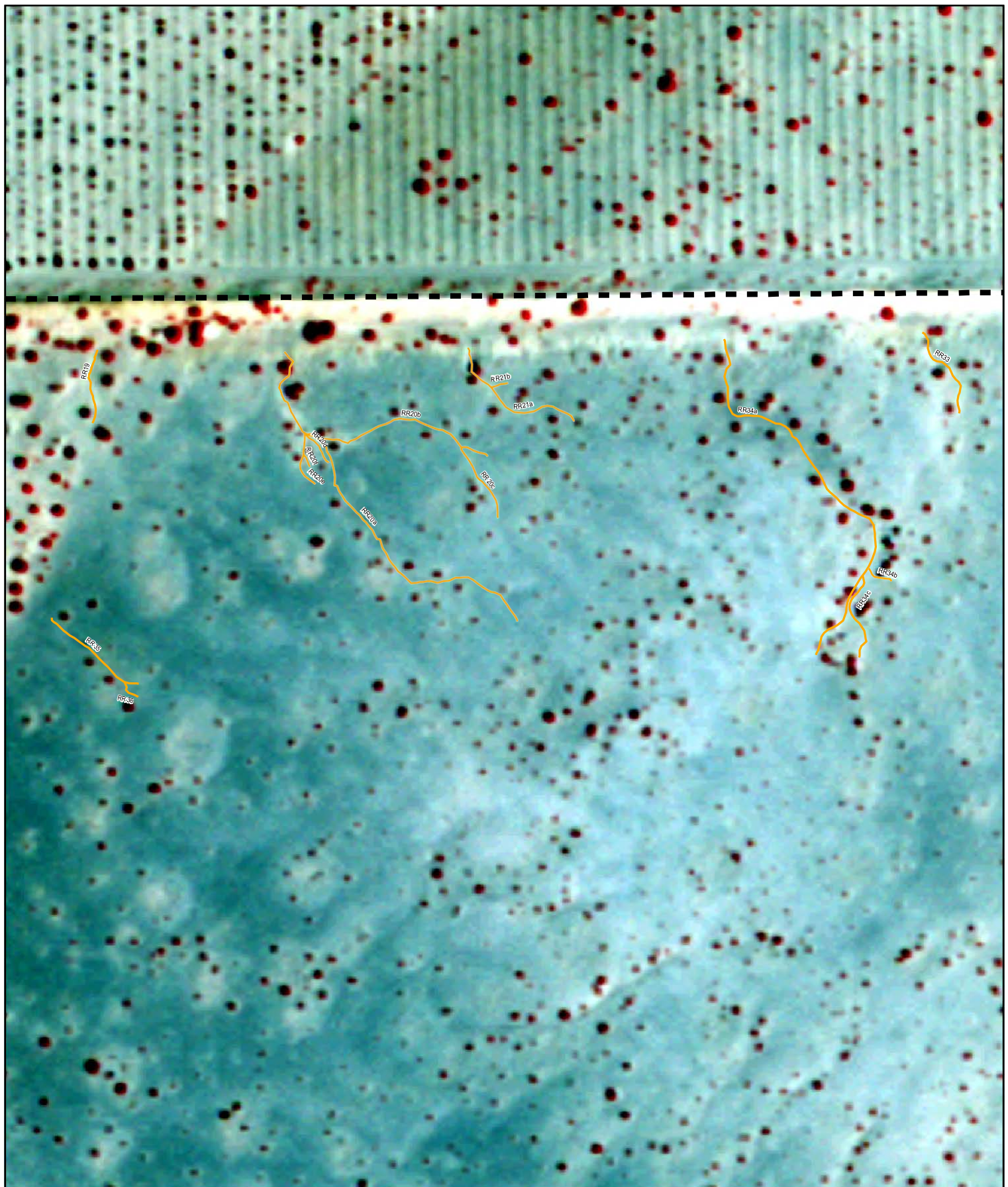


Figure 7. Stream Channels and Watercourses Potentially Subject to CDFW Jurisdiction, Sheet 11b
 Desert Quartzite LLC Solar Farm Project, Town of Blythe, Riverside County, California

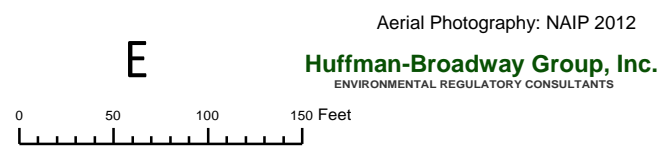
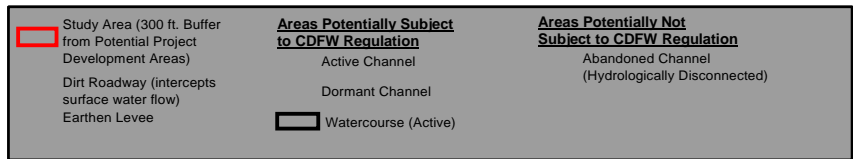
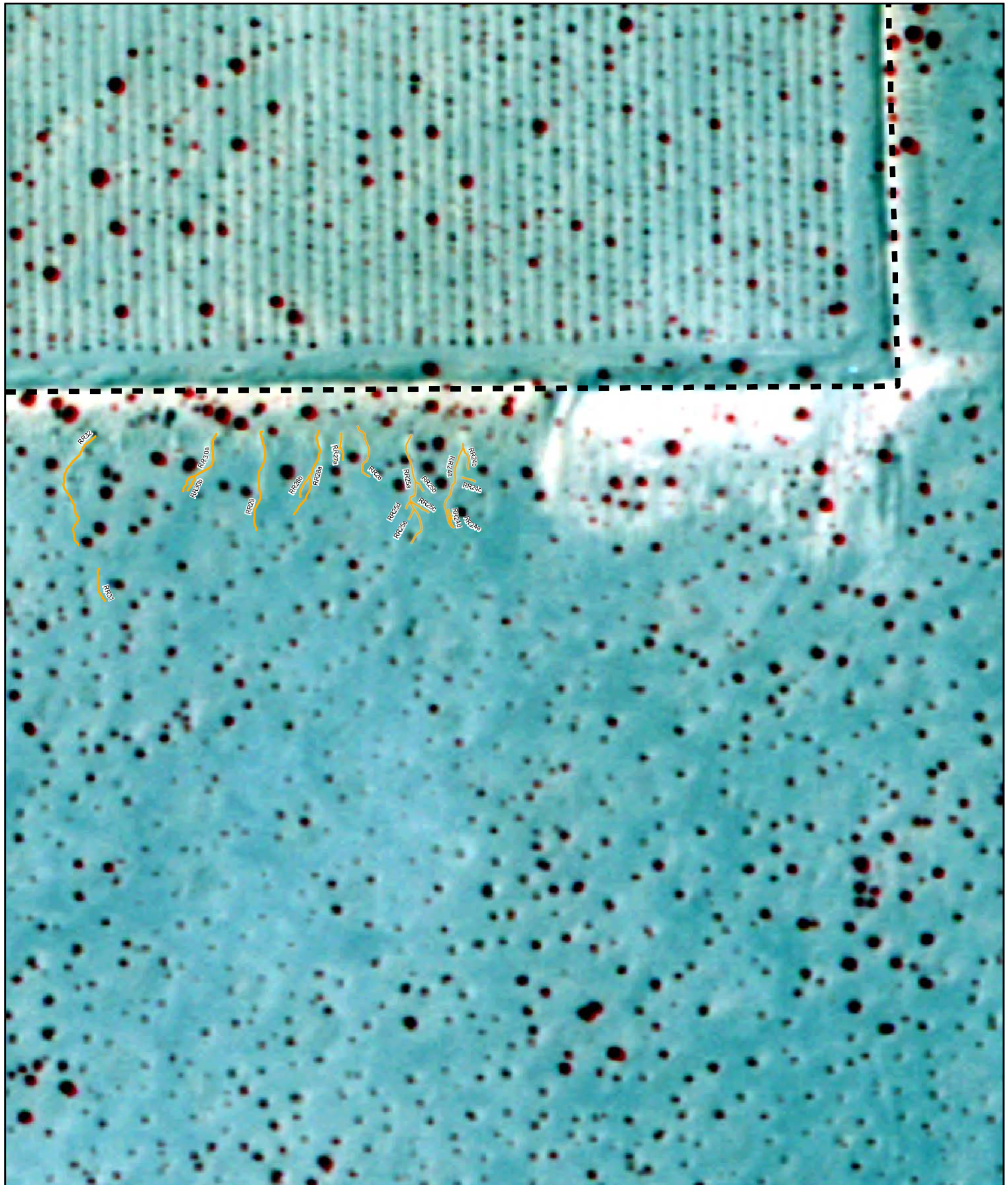
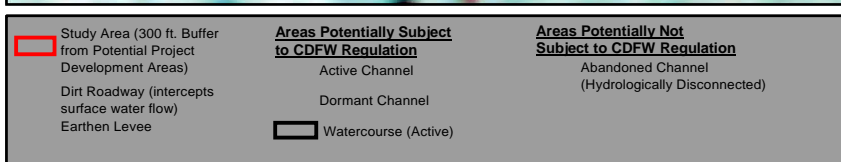
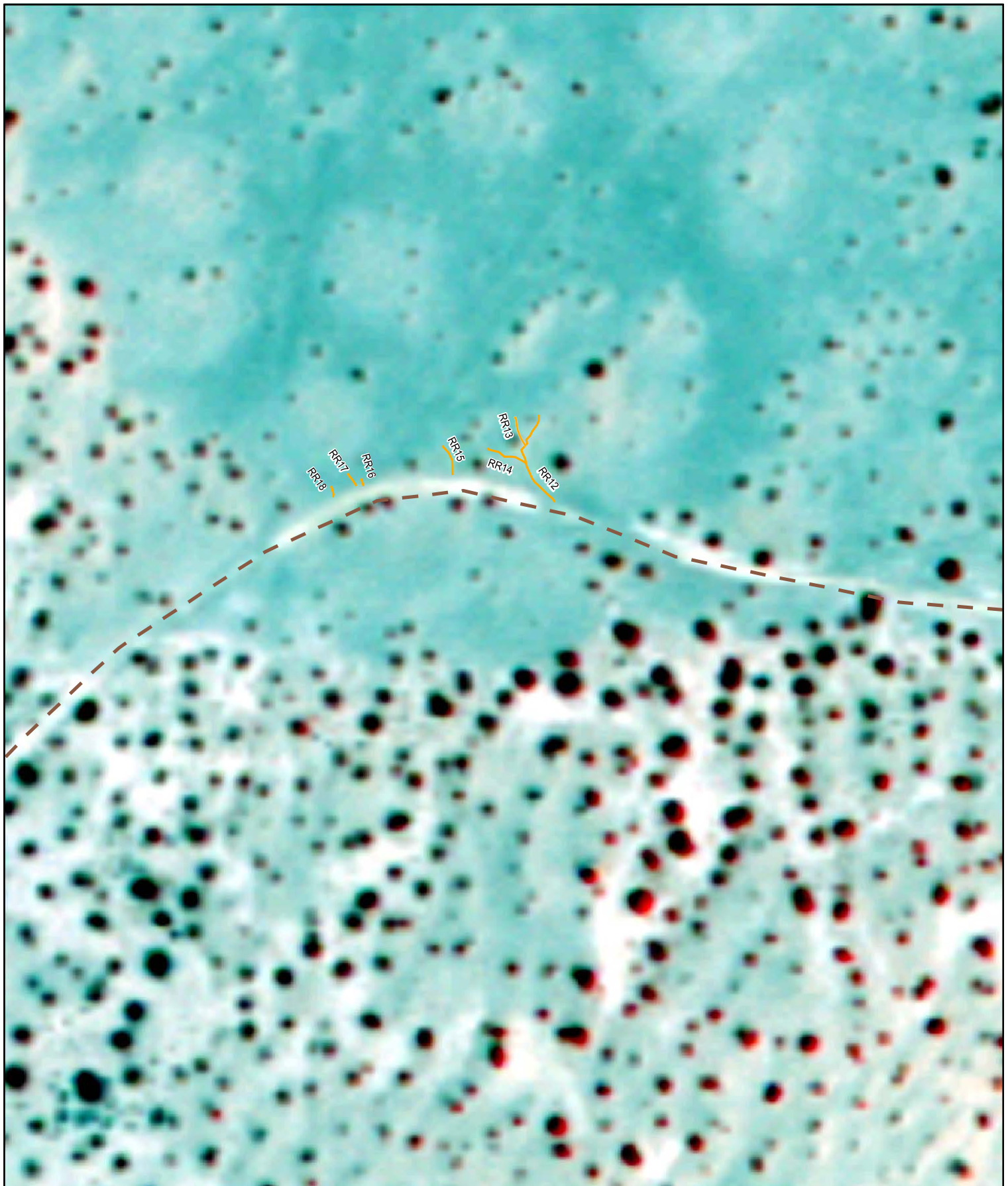
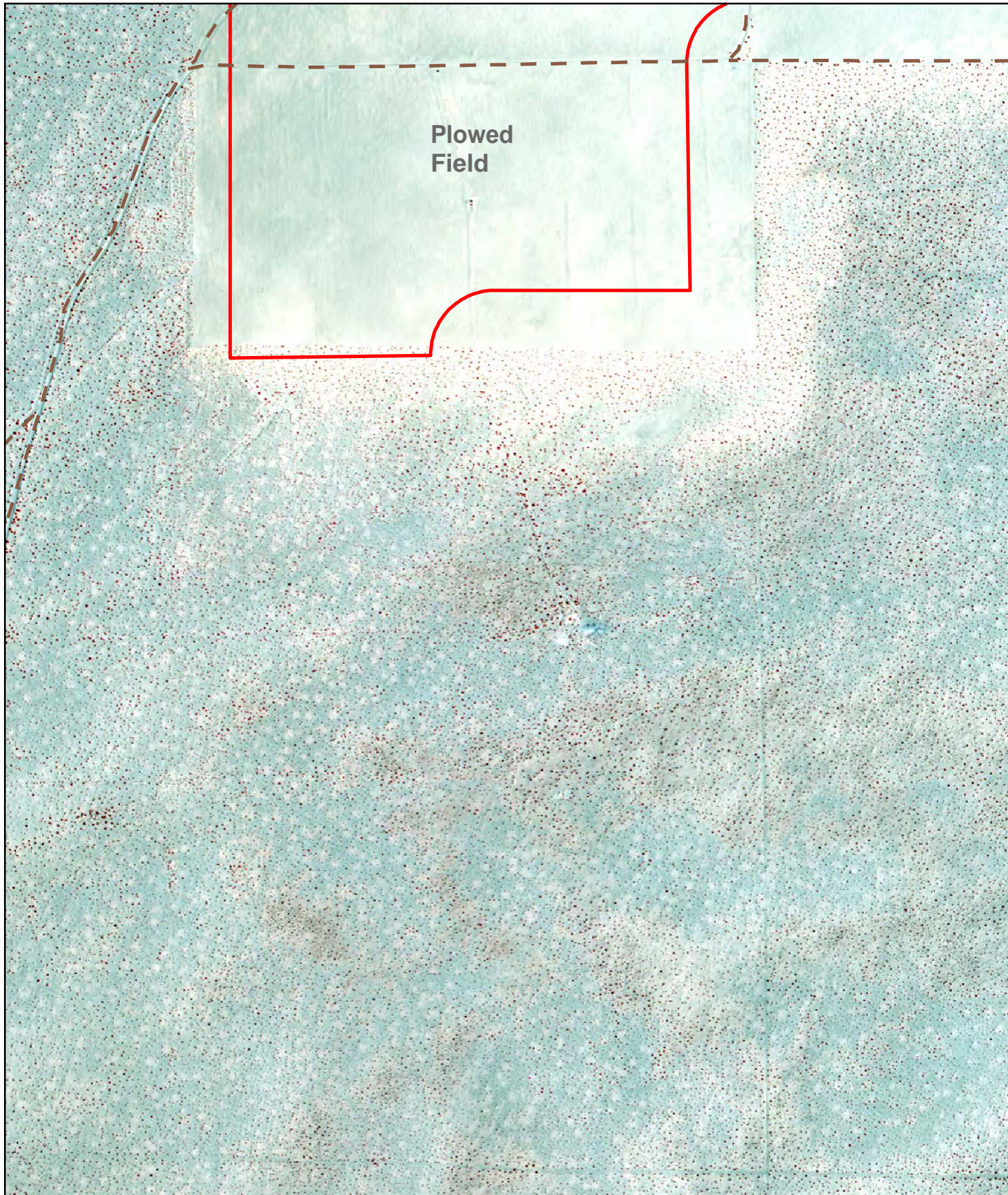


Figure 7. Stream Channels and Watercourses Potentially Subject to CDFW Jurisdiction, Sheet 11c
 Desert Quartzite LLC Solar Farm Project, Town of Blythe, Riverside County, California



Aerial Photography: NAIP 2012
Huffman-Broadway Group, Inc.
 ENVIRONMENTAL REGULATORY CONSULTANTS

Figure 7. Stream Channels and Watercourses Potentially Subject to CDFW Jurisdiction, Sheet 11d
 Desert Quartzite LLC Solar Farm Project, Town of Blythe, Riverside County, California



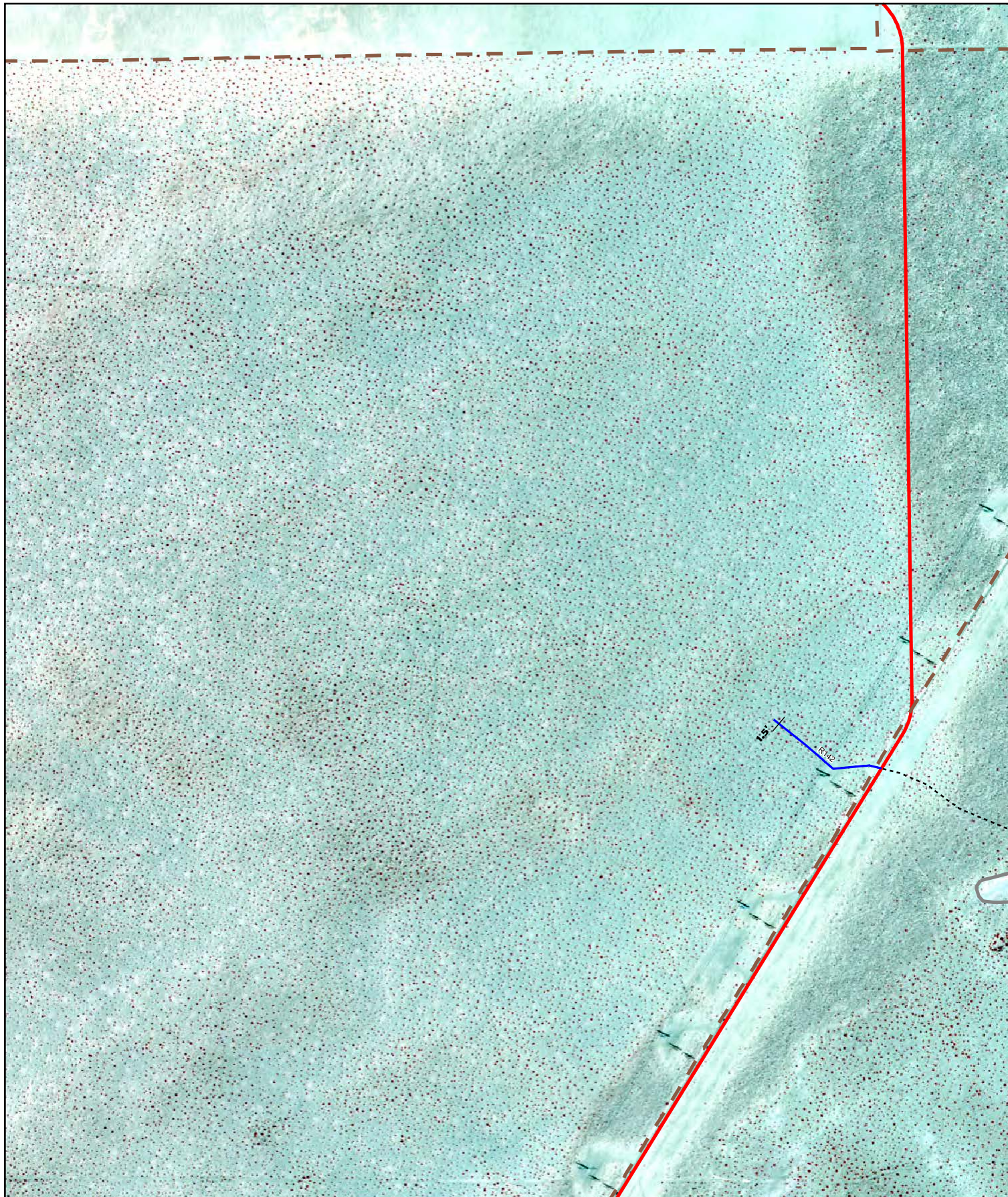
Aerial Photography: NAIP 2012

E

Huffman-Broadway Group, Inc.
ENVIRONMENTAL REGULATORY CONSULTANTS

0 100 200 300 400 500 600 700 Feet


Figure 7. Stream Channels and Watercourses Potentially Subject to CDFW Jurisdiction, Sheet 12
Desert Quartzite LLC Solar Farm Project, Town of Blythe, Riverside County, California



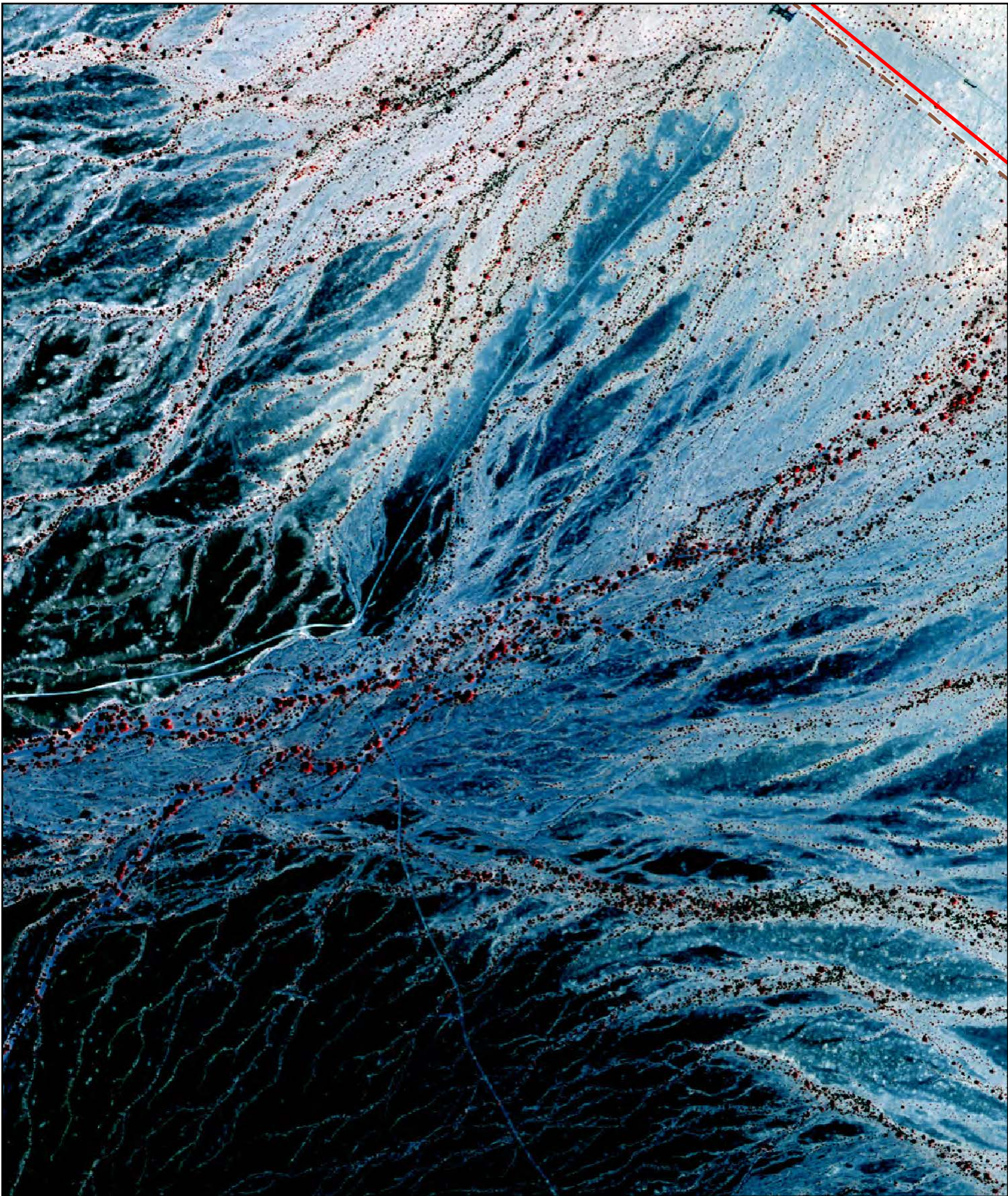
Aerial Photography: NAIP 2012

Huffman-Broadway Group, Inc.
ENVIRONMENTAL REGULATORY CONSULTANTS

E

0 100 200 300 400 500 600 700 Feet

Figure 7. Stream Channels and Watercourses Potentially Subject to CDFW Jurisdiction, Sheet 13
Desert Quartzite LLC Solar Farm Project, Town of Blythe, Riverside County, California



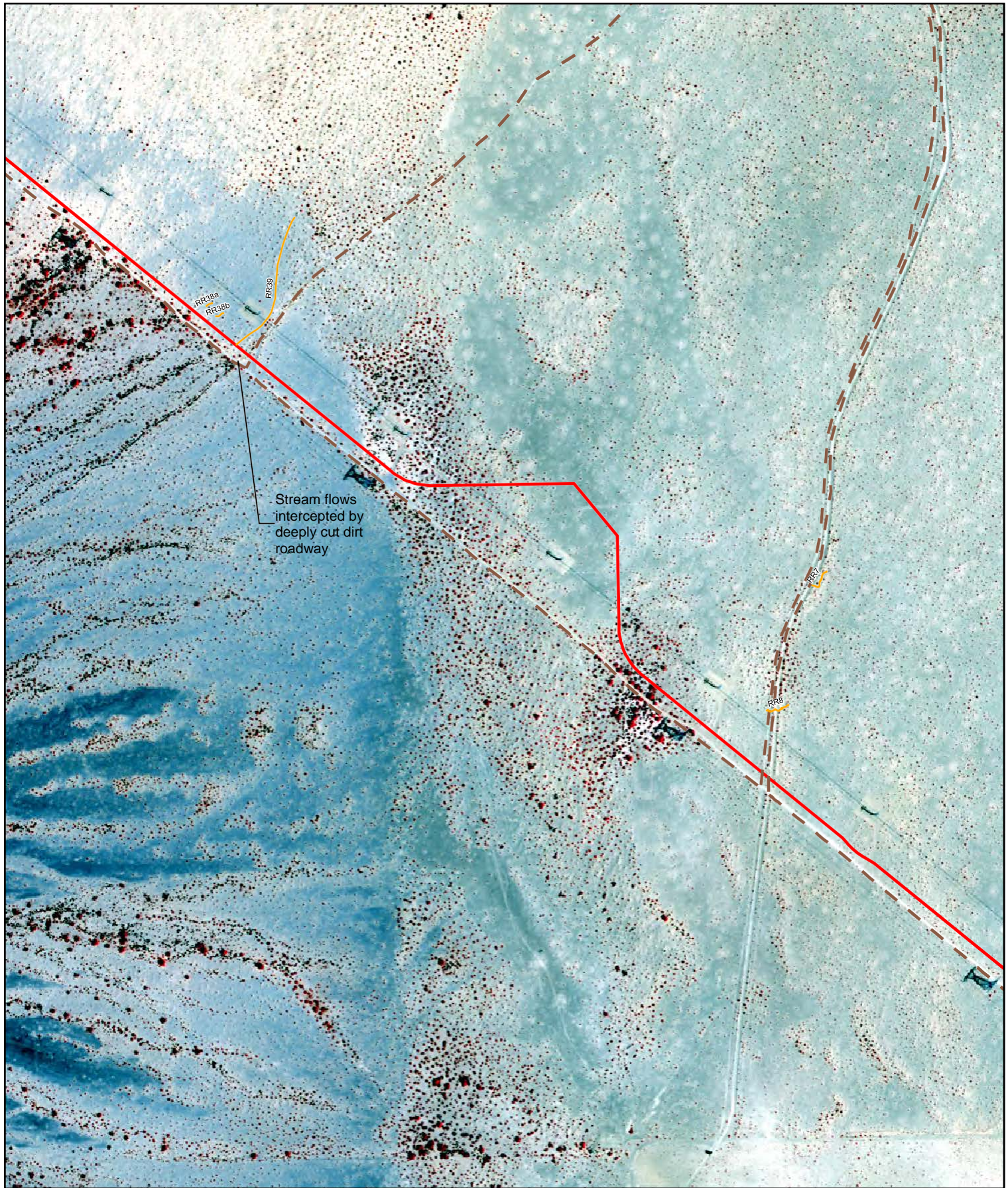
Aerial Photography: NAIP 2012

Huffman-Broadway Group, Inc.
ENVIRONMENTAL REGULATORY CONSULTANTS

E

0 100 200 300 400 500 600 700 Feet

Figure 7. Stream Channels and Watercourses Potentially Subject to CDFW Jurisdiction, Sheet 14
Desert Quartzite LLC Solar Farm Project, Town of Blythe, Riverside County, California



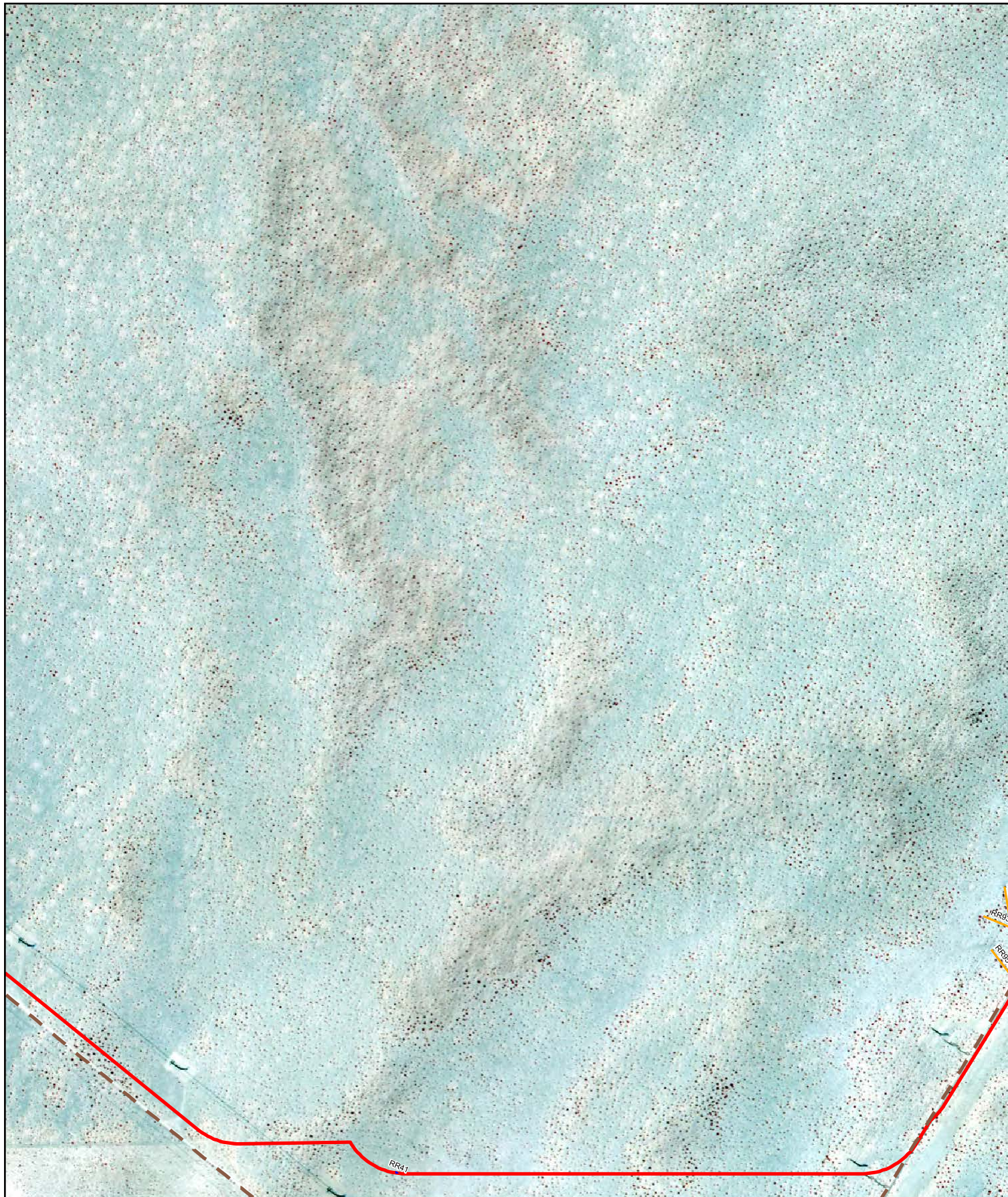
Aerial Photography: NAIP 2012

Huffman-Broadway Group, Inc.
ENVIRONMENTAL REGULATORY CONSULTANTS

E

0 100 200 300 400 500 600 700 Feet

Figure 7. Stream Channels and Watercourses Potentially Subject to CDFW Jurisdiction, Sheet 15
Desert Quartzite LLC Solar Farm Project, Town of Blythe, Riverside County, California



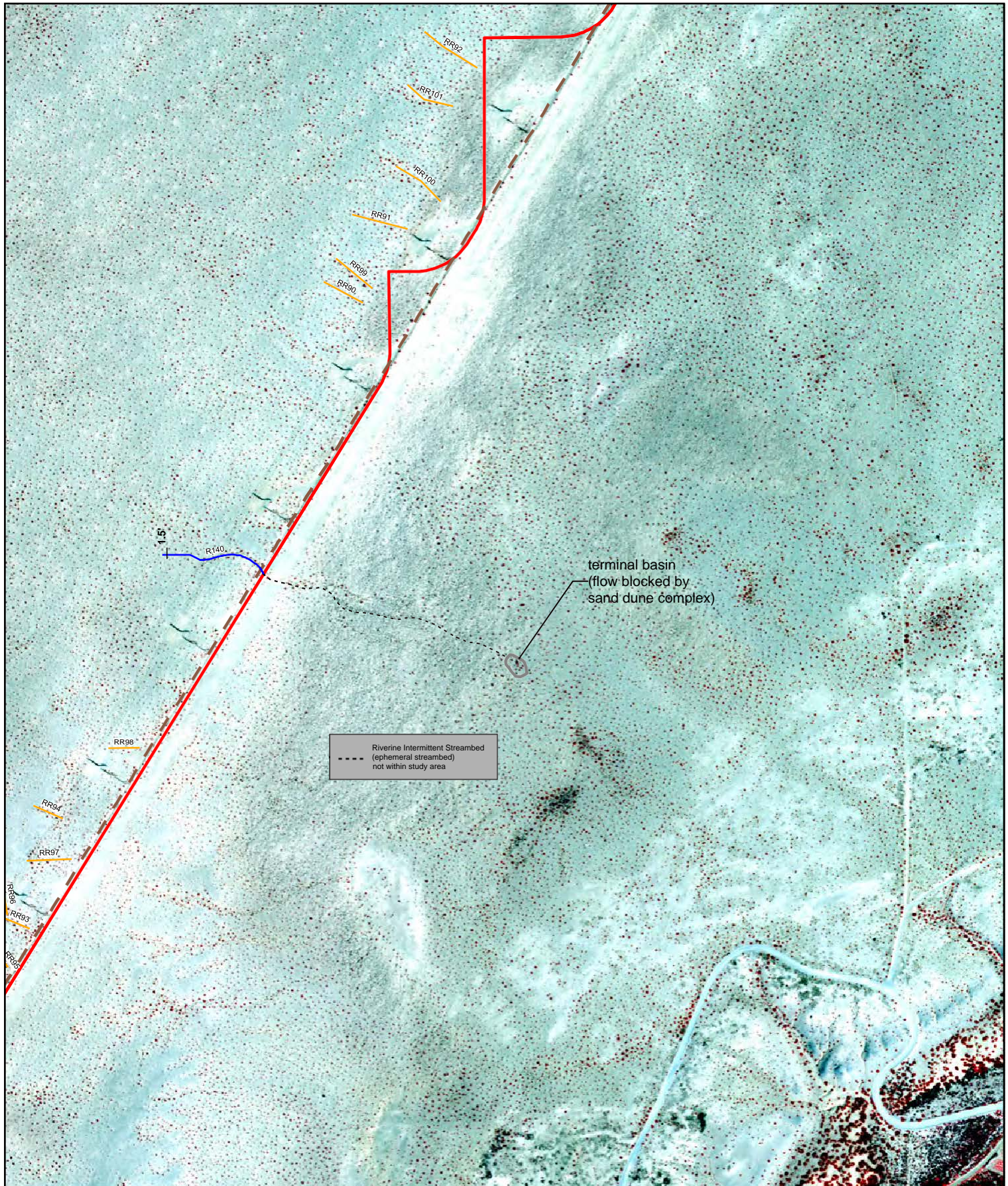
Aerial Photography: NAIP 2012

Huffman-Broadway Group, Inc.
ENVIRONMENTAL REGULATORY CONSULTANTS

E

0 100 200 300 400 500 600 700 Feet

Figure 7. Stream Channels and Watercourses Potentially Subject to CDFW Jurisdiction, Sheet 16
Desert Quartzite LLC Solar Farm Project, Town of Blythe, Riverside County, California



Aerial Photography: NAIP 2012

Huffman-Broadway Group, Inc.
ENVIRONMENTAL REGULATORY CONSULTANTS

E

0 100 200 300 400 500 600 700 Feet

Figure 7. Stream Channels and Watercourses Potentially Subject to CDFW Jurisdiction, Sheet 17
Desert Quartzite LLC Solar Farm Project, Town of Blythe, Riverside County, California

Appendix B

NRCS Custom Soil Report



United States
Department of
Agriculture

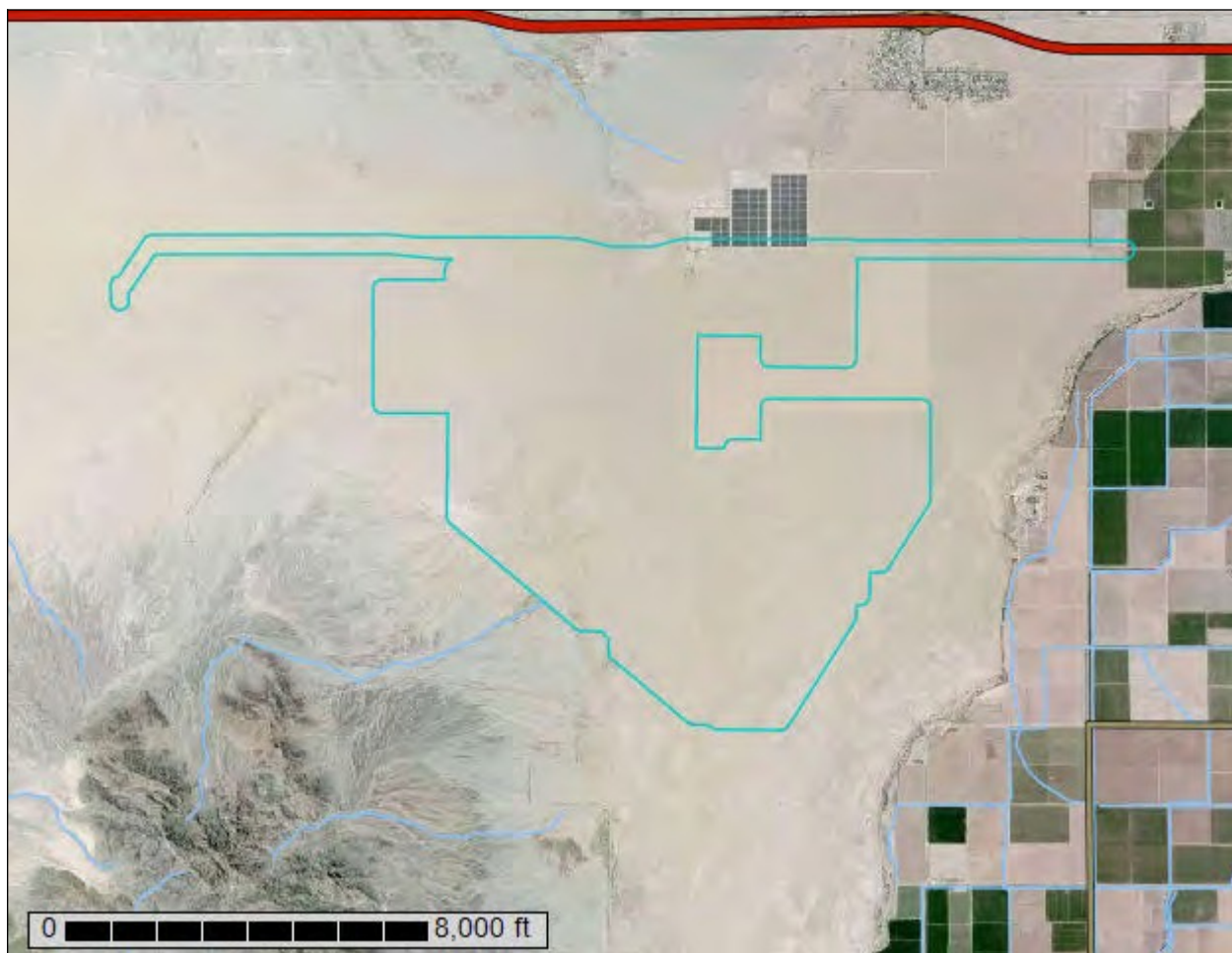
NRCS

Natural
Resources
Conservation
Service

A product of the National
Cooperative Soil Survey,
a joint effort of the United
States Department of
Agriculture and other
Federal agencies, State
agencies including the
Agricultural Experiment
Stations, and local
participants

Custom Soil Resource Report for Colorado Desert Area, California, and Palo Verde Area, California

FS Desert Quartzite



March 23, 2017

Preface

Soil surveys contain information that affects land use planning in survey areas. They highlight soil limitations that affect various land uses and provide information about the properties of the soils in the survey areas. Soil surveys are designed for many different users, including farmers, ranchers, foresters, agronomists, urban planners, community officials, engineers, developers, builders, and home buyers. Also, conservationists, teachers, students, and specialists in recreation, waste disposal, and pollution control can use the surveys to help them understand, protect, or enhance the environment.

Various land use regulations of Federal, State, and local governments may impose special restrictions on land use or land treatment. Soil surveys identify soil properties that are used in making various land use or land treatment decisions. The information is intended to help the land users identify and reduce the effects of soil limitations on various land uses. The landowner or user is responsible for identifying and complying with existing laws and regulations.

Although soil survey information can be used for general farm, local, and wider area planning, onsite investigation is needed to supplement this information in some cases. Examples include soil quality assessments (<http://www.nrcs.usda.gov/wps/portal/nrcs/main/soils/health/>) and certain conservation and engineering applications. For more detailed information, contact your local USDA Service Center (<https://offices.sc.egov.usda.gov/locator/app?agency=nrcs>) or your NRCS State Soil Scientist (http://www.nrcs.usda.gov/wps/portal/nrcs/detail/soils/contactus/?cid=nrcs142p2_053951).

Great differences in soil properties can occur within short distances. Some soils are seasonally wet or subject to flooding. Some are too unstable to be used as a foundation for buildings or roads. Clayey or wet soils are poorly suited to use as septic tank absorption fields. A high water table makes a soil poorly suited to basements or underground installations.

The National Cooperative Soil Survey is a joint effort of the United States Department of Agriculture and other Federal agencies, State agencies including the Agricultural Experiment Stations, and local agencies. The Natural Resources Conservation Service (NRCS) has leadership for the Federal part of the National Cooperative Soil Survey.

Information about soils is updated periodically. Updated information is available through the NRCS Web Soil Survey, the site for official soil survey information.

The U.S. Department of Agriculture (USDA) prohibits discrimination in all its programs and activities on the basis of race, color, national origin, age, disability, and where applicable, sex, marital status, familial status, parental status, religion, sexual orientation, genetic information, political beliefs, reprisal, or because all or a part of an individual's income is derived from any public assistance program. (Not all prohibited bases apply to all programs.) Persons with disabilities who require

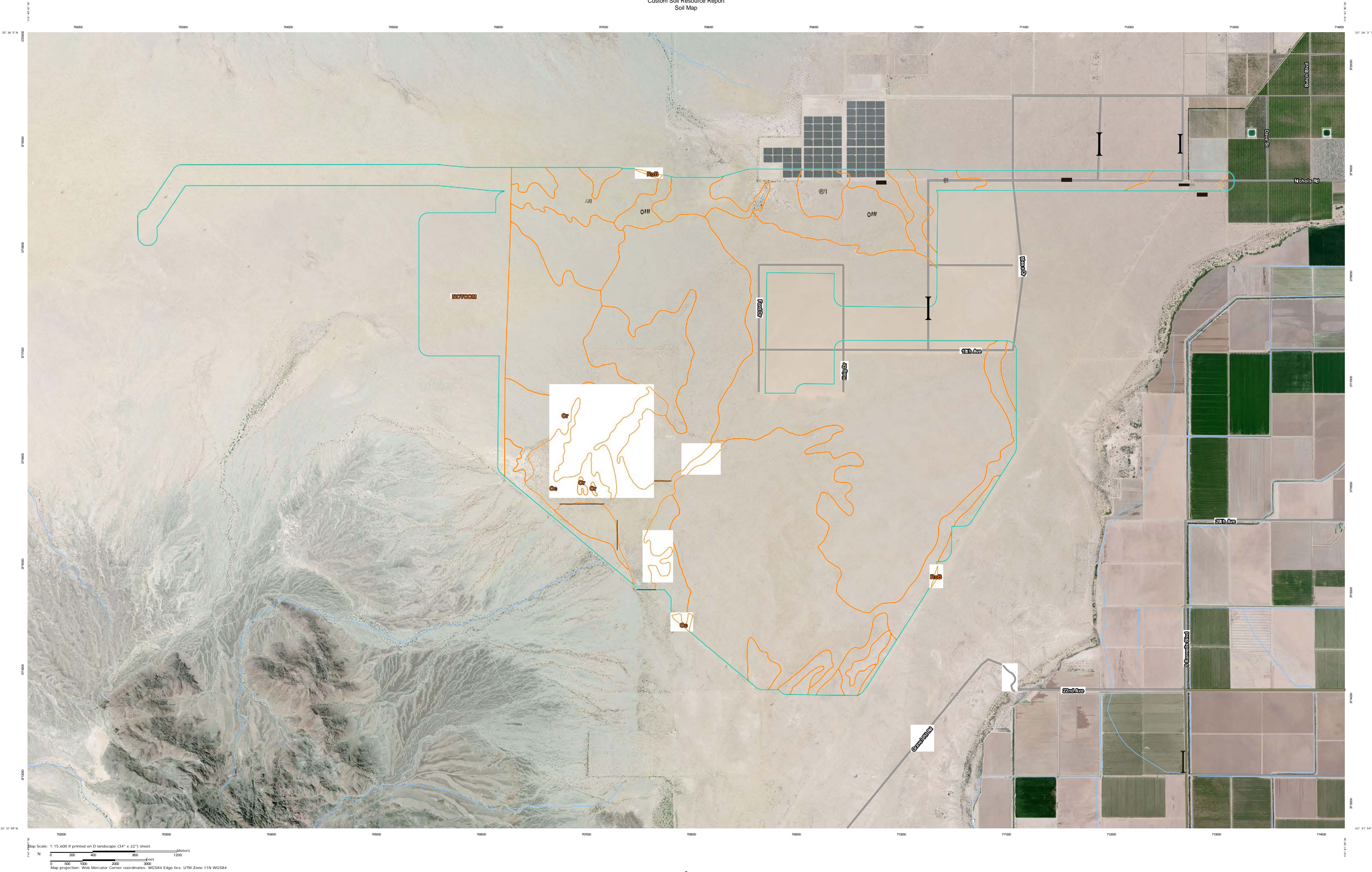
alternative means for communication of program information (Braille, large print, audiotape, etc.) should contact USDA's TARGET Center at (202) 720-2600 (voice and TDD). To file a complaint of discrimination, write to USDA, Director, Office of Civil Rights, 1400 Independence Avenue, S.W., Washington, D.C. 20250-9410 or call (800) 795-3272 (voice) or (202) 720-6382 (TDD). USDA is an equal opportunity provider and employer.

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Soil Map


The soil map section includes the soil map for the defined area of interest, a list of soil map units on the map and extent of each map unit, and cartographic symbols displayed on the map. Also presented are various metadata about data used to produce the map, and a description of each soil map unit.



Custom Soil Resource Report

MAP LEGEND

Area of Interest (AOI)

 Area of Interest (AOI)


Soils


 Soil Map Unit Polygons


 Soil Map Unit Lines


 Soil Map Unit Points

Special Point Features

 Blowout

 Borrow Pit


 Clay Spot


 Closed Depression

 Gravel Pit

 Gravelly Spot


 Landfill

 Lava Flow

 Marsh or swamp


 Mine or Quarry

 Miscellaneous Water

 Perennial Water

 Rock Outcrop

 Saline Spot

 Sandy Spot

 Severely Eroded Spot


 Sinkhole


 Slide or Slip

 Sodic Spot

 Spoil Area

 Stony Spot


 Very Stony Spot

 Wet Spot

 Other

 Special Line Features

Water Features

 Streams and Canals


Transportation

 Rails


 Interstate Highways

 US Routes

 Major Roads

 Local Roads

Background

 Aerial Photography

MAP INFORMATION

The soil surveys that comprise your AOI were mapped at 1:24,000.

Please rely on the bar scale on each map sheet for map measurements.

Source of Map: Natural Resources Conservation Service

Web Soil Survey URL:

Coordinate System: Web Mercator (EPSG:3857)

Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts distance and area. A projection that preserves area, such as the Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required.

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: Colorado Desert Area, California

Survey Area Data: Version 5, Sep 13, 2016

Soil Survey Area: Palo Verde Area, California

Survey Area Data: Version 7, Sep 12, 2016

Your area of interest (AOI) includes more than one soil survey area. These survey areas may have been mapped at different scales, with a different land use in mind, at different times, or at different levels of detail. This may result in map unit symbols, soil properties, and interpretations that do not completely agree across soil survey area boundaries.

Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.

Date(s) aerial images were photographed: Mar 13, 2011—Apr 17, 2011

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background

MAP LEGEND

MAP INFORMATION

imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

Map Unit Legend

| Colorado Desert Area, California (CA803) | | | |
|--|---------------------------|----------------|----------------|
| Map Unit Symbol | Map Unit Name | Acres in AOI | Percent of AOI |
| NOTCOM | No Digital Data Available | 499.4 | 10.0% |
| Subtotals for Soil Survey Area | | 499.4 | 10.0% |
| Totals for Area of Interest | | 4,971.7 | 100.0% |

| Palo Verde Area, California (CA681) | | | |
|---------------------------------------|--|----------------|----------------|
| Map Unit Symbol | Map Unit Name | Acres in AOI | Percent of AOI |
| Ac | Aco gravelly loamy sand | 1,093.4 | 22.0% |
| Af | Aco sandy loam | 1,584.4 | 31.9% |
| Ce | Carrizo gravelly sand | 0.0 | 0.0% |
| Oc | Orita fine sand | 434.6 | 8.7% |
| Or | Orita gravelly fine sandy loam | 730.6 | 14.7% |
| RoA | Rositas fine sand, 0 to 2 percent slopes | 322.5 | 6.5% |
| RoB | Rositas fine sand, 2 to 9 percent slopes | 241.2 | 4.9% |
| RsA | Rositas gravelly loamy sand, 0 to 2 percent slopes | 65.6 | 1.3% |
| Subtotals for Soil Survey Area | | 4,472.4 | 90.0% |
| Totals for Area of Interest | | 4,971.7 | 100.0% |

Map Unit Descriptions

The map units delineated on the detailed soil maps in a soil survey represent the soils or miscellaneous areas in the survey area. The map unit descriptions, along with the maps, can be used to determine the composition and properties of a unit.

A map unit delineation on a soil map represents an area dominated by one or more major kinds of soil or miscellaneous areas. A map unit is identified and named according to the taxonomic classification of the dominant soils. Within a taxonomic class there are precisely defined limits for the properties of the soils. On the landscape, however, the soils are natural phenomena, and they have the characteristic variability of all natural phenomena. Thus, the range of some observed properties may extend beyond the limits defined for a taxonomic class. Areas of soils of a single taxonomic class rarely, if ever, can be mapped without including areas of other taxonomic classes. Consequently, every map unit is made up of the soils or miscellaneous areas for which it is named and some minor components that belong to taxonomic classes other than those of the major soils.

Most minor soils have properties similar to those of the dominant soil or soils in the map unit, and thus they do not affect use and management. These are called noncontrasting, or similar, components. They may or may not be mentioned in a

particular map unit description. Other minor components, however, have properties and behavioral characteristics divergent enough to affect use or to require different management. These are called contrasting, or dissimilar, components. They generally are in small areas and could not be mapped separately because of the scale used. Some small areas of strongly contrasting soils or miscellaneous areas are identified by a special symbol on the maps. If included in the database for a given area, the contrasting minor components are identified in the map unit descriptions along with some characteristics of each. A few areas of minor components may not have been observed, and consequently they are not mentioned in the descriptions, especially where the pattern was so complex that it was impractical to make enough observations to identify all the soils and miscellaneous areas on the landscape.

The presence of minor components in a map unit in no way diminishes the usefulness or accuracy of the data. The objective of mapping is not to delineate pure taxonomic classes but rather to separate the landscape into landforms or landform segments that have similar use and management requirements. The delineation of such segments on the map provides sufficient information for the development of resource plans. If intensive use of small areas is planned, however, onsite investigation is needed to define and locate the soils and miscellaneous areas.

An identifying symbol precedes the map unit name in the map unit descriptions. Each description includes general facts about the unit and gives important soil properties and qualities.

Soils that have profiles that are almost alike make up a *soil series*. Except for differences in texture of the surface layer, all the soils of a series have major horizons that are similar in composition, thickness, and arrangement.

Soils of one series can differ in texture of the surface layer, slope, stoniness, salinity, degree of erosion, and other characteristics that affect their use. On the basis of such differences, a soil series is divided into *soil phases*. Most of the areas shown on the detailed soil maps are phases of soil series. The name of a soil phase commonly indicates a feature that affects use or management. For example, Alpha silt loam, 0 to 2 percent slopes, is a phase of the Alpha series.

Some map units are made up of two or more major soils or miscellaneous areas. These map units are complexes, associations, or undifferentiated groups.

A *complex* consists of two or more soils or miscellaneous areas in such an intricate pattern or in such small areas that they cannot be shown separately on the maps. The pattern and proportion of the soils or miscellaneous areas are somewhat similar in all areas. Alpha-Beta complex, 0 to 6 percent slopes, is an example.

An *association* is made up of two or more geographically associated soils or miscellaneous areas that are shown as one unit on the maps. Because of present or anticipated uses of the map units in the survey area, it was not considered practical or necessary to map the soils or miscellaneous areas separately. The pattern and relative proportion of the soils or miscellaneous areas are somewhat similar. Alpha-Beta association, 0 to 2 percent slopes, is an example.

An *undifferentiated group* is made up of two or more soils or miscellaneous areas that could be mapped individually but are mapped as one unit because similar interpretations can be made for use and management. The pattern and proportion of the soils or miscellaneous areas in a mapped area are not uniform. An area can be made up of only one of the major soils or miscellaneous areas, or it can be made up of all of them. Alpha and Beta soils, 0 to 2 percent slopes, is an example.

Custom Soil Resource Report

Some surveys include *miscellaneous areas*. Such areas have little or no soil material and support little or no vegetation. Rock outcrop is an example.

Colorado Desert Area, California

NOTCOM—No Digital Data Available

Map Unit Composition

Notcom: 100 percent

Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Notcom

Properties and qualities

Palo Verde Area, California

Ac—Aco gravelly loamy sand

Map Unit Setting

National map unit symbol: hkwq
Elevation: 300 to 700 feet
Mean annual precipitation: 4 inches
Mean annual air temperature: 72 degrees F
Frost-free period: 290 days
Farmland classification: Prime farmland if irrigated

Map Unit Composition

Aco and similar soils: 85 percent
Minor components: 15 percent
Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Aco

Setting

Landform: Fan remnants
Landform position (two-dimensional): Toeslope
Landform position (three-dimensional): Tread
Down-slope shape: Linear
Across-slope shape: Linear
Parent material: Mixed alluvium

Typical profile

H1 - 0 to 3 inches: gravelly loamy sand
H2 - 3 to 18 inches: coarse sandy loam
H3 - 18 to 46 inches: sandy loam
H4 - 46 to 60 inches: fine sand

Properties and qualities

Slope: 0 to 1 percent
Depth to restrictive feature: More than 80 inches
Natural drainage class: Well drained
Runoff class: Very low
Capacity of the most limiting layer to transmit water (Ksat): High (1.98 to 5.95 in/hr)
Depth to water table: More than 80 inches
Frequency of flooding: None
Frequency of ponding: None
Calcium carbonate, maximum in profile: 15 percent
Salinity, maximum in profile: Nonsaline to moderately saline (0.0 to 8.0 mmhos/cm)
Available water storage in profile: Moderate (about 6.2 inches)

Interpretive groups

Land capability classification (irrigated): 2s
Land capability classification (nonirrigated): 7e
Hydrologic Soil Group: A
Hydric soil rating: No

Minor Components

Rositas, gravelly loamy sand

Percent of map unit: 8 percent

Hydric soil rating: No

Aco, sandy loam

Percent of map unit: 7 percent

Hydric soil rating: No

Af—Aco sandy loam

Map Unit Setting

National map unit symbol: hkwr

Elevation: 300 to 700 feet

Frost-free period: 290 days

Farmland classification: Prime farmland if irrigated

Map Unit Composition

Aco and similar soils: 85 percent

Minor components: 15 percent

Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Aco

Setting

Landform: Fan remnants

Landform position (two-dimensional): Toeslope

Landform position (three-dimensional): Tread

Down-slope shape: Linear

Across-slope shape: Linear

Parent material: Mixed alluvium

Typical profile

H1 - 0 to 3 inches: sandy loam

H2 - 3 to 18 inches: coarse sandy loam

H3 - 18 to 46 inches: sandy loam

H4 - 46 to 60 inches: fine sand

Properties and qualities

Slope: 0 to 1 percent

Depth to restrictive feature: More than 80 inches

Natural drainage class: Well drained

Runoff class: Very low

Capacity of the most limiting layer to transmit water (Ksat): High (1.98 to 5.95 in/hr)

Depth to water table: More than 80 inches

Frequency of flooding: None

Frequency of ponding: None

Calcium carbonate, maximum in profile: 15 percent

Custom Soil Resource Report

Salinity, maximum in profile: Nonsaline to moderately saline (0.0 to 8.0 mmhos/cm)

Available water storage in profile: Moderate (about 6.3 inches)

Interpretive groups

Land capability classification (irrigated): 2s

Land capability classification (nonirrigated): 7e

Hydrologic Soil Group: A

Hydric soil rating: No

Minor Components

Rositas, fine sand

Percent of map unit: 8 percent

Hydric soil rating: No

Aco, gravelly loamy sand

Percent of map unit: 7 percent

Hydric soil rating: No

Ce—Carrizo gravelly sand

Map Unit Setting

National map unit symbol: hkwt

Elevation: 300 to 450 feet

Mean annual precipitation: 2 to 8 inches

Mean annual air temperature: 72 degrees F

Frost-free period: 290 to 310 days

Farmland classification: Not prime farmland

Map Unit Composition

Carrizo and similar soils: 85 percent

Minor components: 15 percent

Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Carrizo

Setting

Landform: Arroyos

Landform position (two-dimensional): Toeslope

Down-slope shape: Linear

Across-slope shape: Concave

Parent material: Mixed sandy and gravelly alluvium

Typical profile

H1 - 0 to 37 inches: gravelly sand

H2 - 37 to 47 inches: very cobbly sandy loam

H3 - 47 to 60 inches: very cobbly sandy loam

Properties and qualities

Slope: 0 to 2 percent

Depth to restrictive feature: More than 80 inches

Custom Soil Resource Report

Natural drainage class: Excessively drained
Runoff class: Negligible
Capacity of the most limiting layer to transmit water (Ksat): High to very high (5.95 to 19.98 in/hr)
Depth to water table: More than 80 inches
Frequency of flooding: Rare
Frequency of ponding: None
Calcium carbonate, maximum in profile: 1 percent
Salinity, maximum in profile: Slightly saline to moderately saline (4.0 to 8.0 mmhos/cm)
Available water storage in profile: Low (about 3.6 inches)

Interpretive groups

Land capability classification (irrigated): 4s
Land capability classification (nonirrigated): 8s
Hydrologic Soil Group: A
Hydric soil rating: No

Minor Components

Chuckawala

Percent of map unit: 5 percent
Hydric soil rating: No

Rositas

Percent of map unit: 5 percent
Hydric soil rating: No

Badland

Percent of map unit: 5 percent
Hydric soil rating: No

Oc—Orita fine sand

Map Unit Setting

National map unit symbol: hkxb
Elevation: 370 to 500 feet
Mean annual precipitation: 4 inches
Mean annual air temperature: 72 degrees F
Frost-free period: 290 days
Farmland classification: Prime farmland if irrigated and reclaimed of excess salts and sodium

Map Unit Composition

Orita and similar soils: 85 percent
Minor components: 15 percent
Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Orita

Setting

Landform: Fan remnants
Landform position (two-dimensional): Backslope
Landform position (three-dimensional): Tread
Down-slope shape: Linear
Across-slope shape: Linear
Parent material: Mixed alluvium

Typical profile

H1 - 0 to 12 inches: fine sand
H2 - 12 to 22 inches: fine sandy loam
H3 - 22 to 68 inches: gravelly clay loam
H4 - 68 to 80 inches: gravelly fine sandy loam

Properties and qualities

Slope: 0 to 1 percent
Depth to restrictive feature: More than 80 inches
Natural drainage class: Well drained
Runoff class: Medium
Capacity of the most limiting layer to transmit water (Ksat): Moderately low to moderately high (0.06 to 0.20 in/hr)
Depth to water table: More than 80 inches
Frequency of flooding: None
Frequency of ponding: None
Calcium carbonate, maximum in profile: 6 percent
Salinity, maximum in profile: Slightly saline to moderately saline (4.0 to 8.0 mmhos/cm)
Available water storage in profile: Moderate (about 8.3 inches)

Interpretive groups

Land capability classification (irrigated): 2s
Land capability classification (nonirrigated): 7s
Hydrologic Soil Group: C
Hydric soil rating: No

Minor Components

Orita, gravelly fine sandy loam

Percent of map unit: 8 percent
Hydric soil rating: No

Carrizo, gravelly sand

Percent of map unit: 7 percent
Hydric soil rating: No

Or—Orita gravelly fine sandy loam

Map Unit Setting

National map unit symbol: hkxd

Custom Soil Resource Report

Elevation: 370 to 500 feet

Mean annual precipitation: 4 inches

Mean annual air temperature: 72 degrees F

Frost-free period: 290 days

Farmland classification: Prime farmland if irrigated and reclaimed of excess salts and sodium

Map Unit Composition

Orita and similar soils: 85 percent

Minor components: 15 percent

Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Orita

Setting

Landform: Fan remnants

Landform position (two-dimensional): Summit

Landform position (three-dimensional): Tread

Down-slope shape: Linear

Across-slope shape: Linear

Parent material: Mixed alluvium

Typical profile

H1 - 0 to 4 inches: Error

H2 - 4 to 10 inches: gravelly fine sandy loam

H3 - 10 to 22 inches: gravelly sand

H4 - 22 to 68 inches: gravelly fine sandy loam

H5 - 68 to 80 inches: gravelly clay loam

Properties and qualities

Slope: 0 to 1 percent

Depth to restrictive feature: More than 80 inches

Natural drainage class: Well drained

Runoff class: Low

Capacity of the most limiting layer to transmit water (Ksat): Moderately high (0.20 to 0.57 in/hr)

Depth to water table: More than 80 inches

Frequency of flooding: None

Frequency of ponding: None

Calcium carbonate, maximum in profile: 6 percent

Salinity, maximum in profile: Slightly saline to moderately saline (4.0 to 8.0 mmhos/cm)

Available water storage in profile: Moderate (about 6.6 inches)

Interpretive groups

Land capability classification (irrigated): 2s

Land capability classification (nonirrigated): 7s

Hydrologic Soil Group: B

Hydric soil rating: No

Minor Components

Aco, gravelly loamy sand

Percent of map unit: 5 percent

Hydric soil rating: No

Carrizo, gravelly sand

Percent of map unit: 5 percent

Hydric soil rating: No

Orita, gravelly fine sandy loam

Percent of map unit: 5 percent

Hydric soil rating: No

RoA—Rositas fine sand, 0 to 2 percent slopes

Map Unit Setting

National map unit symbol: hxxj

Elevation: 220 to 500 feet

Mean annual precipitation: 2 to 4 inches

Mean annual air temperature: 72 degrees F

Frost-free period: 290 to 310 days

Farmland classification: Prime farmland if irrigated

Map Unit Composition

Rositas and similar soils: 85 percent

Minor components: 15 percent

Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Rositas

Setting

Landform: Sand sheets

Landform position (two-dimensional): Toeslope

Landform position (three-dimensional): Tread

Down-slope shape: Linear

Across-slope shape: Linear

Parent material: Eolian sands

Typical profile

H1 - 0 to 3 inches: loamy fine sand

H2 - 3 to 60 inches: fine sand

Properties and qualities

Slope: 0 to 2 percent

Depth to restrictive feature: More than 80 inches

Natural drainage class: Somewhat excessively drained

Runoff class: Negligible

Capacity of the most limiting layer to transmit water (Ksat): High to very high (5.95 to 19.98 in/hr)

Depth to water table: More than 80 inches

Frequency of flooding: Rare

Frequency of ponding: None

Calcium carbonate, maximum in profile: 5 percent

Salinity, maximum in profile: Nonsaline to moderately saline (0.0 to 8.0 mmhos/cm)

Custom Soil Resource Report

Available water storage in profile: Low (about 3.7 inches)

Interpretive groups

Land capability classification (irrigated): 3s

Land capability classification (nonirrigated): 7s

Hydrologic Soil Group: A

Hydric soil rating: No

Minor Components

Gilman, valley location

Percent of map unit: 3 percent

Hydric soil rating: No

Indio

Percent of map unit: 3 percent

Hydric soil rating: No

Gilman

Percent of map unit: 3 percent

Hydric soil rating: No

Aco

Percent of map unit: 3 percent

Hydric soil rating: No

Carrizo

Percent of map unit: 3 percent

Hydric soil rating: No

RoB—Rositas fine sand, 2 to 9 percent slopes

Map Unit Setting

National map unit symbol: hkxk

Elevation: 220 to 500 feet

Mean annual precipitation: 2 to 4 inches

Mean annual air temperature: 72 degrees F

Frost-free period: 290 to 310 days

Farmland classification: Prime farmland if irrigated

Map Unit Composition

Rositas and similar soils: 85 percent

Minor components: 15 percent

Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Rositas

Setting

Landform: Sand sheets

Landform position (two-dimensional): Shoulder

Landform position (three-dimensional): Riser

Down-slope shape: Convex

Custom Soil Resource Report

Across-slope shape: Convex

Parent material: Eolian sands

Typical profile

H1 - 0 to 3 inches: fine sand

H2 - 3 to 72 inches: fine sand

Properties and qualities

Slope: 2 to 9 percent

Depth to restrictive feature: More than 80 inches

Natural drainage class: Somewhat excessively drained

Runoff class: Very low

Capacity of the most limiting layer to transmit water (Ksat): High to very high (5.95 to 19.98 in/hr)

Depth to water table: More than 80 inches

Frequency of flooding: None

Frequency of ponding: None

Calcium carbonate, maximum in profile: 5 percent

Salinity, maximum in profile: Nonsaline to moderately saline (0.0 to 8.0 mmhos/cm)

Available water storage in profile: Low (about 3.6 inches)

Interpretive groups

Land capability classification (irrigated): 3s

Land capability classification (nonirrigated): 7s

Hydrologic Soil Group: A

Hydric soil rating: No

Minor Components

Unnamed, low dunes

Percent of map unit: 8 percent

Hydric soil rating: No

Unnamed, gravelly surface pavement

Percent of map unit: 7 percent

Hydric soil rating: No

RsA—Rositas gravelly loamy sand, 0 to 2 percent slopes

Map Unit Setting

National map unit symbol: hkxm

Elevation: 220 to 500 feet

Mean annual precipitation: 3 inches

Mean annual air temperature: 72 degrees F

Frost-free period: 290 to 310 days

Farmland classification: Farmland of statewide importance

Map Unit Composition

Rositas and similar soils: 85 percent

Minor components: 15 percent

Custom Soil Resource Report

Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Rositas

Setting

Landform: Sand sheets on stream terraces
Landform position (two-dimensional): Toeslope
Landform position (three-dimensional): Tread
Down-slope shape: Linear
Across-slope shape: Linear
Parent material: Eolian sands over mixed alluvium

Typical profile

H1 - 0 to 10 inches: gravelly loamy sand
H2 - 10 to 72 inches: fine sand

Properties and qualities

Slope: 0 to 2 percent
Depth to restrictive feature: More than 80 inches
Natural drainage class: Somewhat excessively drained
Runoff class: Negligible
Capacity of the most limiting layer to transmit water (Ksat): High to very high (5.95 to 19.98 in/hr)
Depth to water table: More than 80 inches
Frequency of flooding: None
Frequency of ponding: None
Calcium carbonate, maximum in profile: 5 percent
Salinity, maximum in profile: Nonsaline to moderately saline (0.0 to 8.0 mmhos/cm)
Available water storage in profile: Low (about 3.6 inches)

Interpretive groups

Land capability classification (irrigated): 4s
Land capability classification (nonirrigated): 7s
Hydrologic Soil Group: A
Hydric soil rating: No

Minor Components

Unnamed, steeper slopes

Percent of map unit: 8 percent
Hydric soil rating: No

Aco

Percent of map unit: 7 percent
Hydric soil rating: No

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Appendix C

WETS Analysis

| WETS Precipitation Data Summary | | | | |
|---------------------------------|------------------------------|------------------------|--|---------------------------------------|
| Month / Year | Total Precipitation (inches) | Average Precipitation* | 30 % Chance Precipitation Will Be < or > Values Below* | Is Precipitation within Normal Range? |
| January 2013 | 0.77 | 0.46 | 0.03 – 0.51 | > Normal |
| February 2013 | 0.01 | 0.55 | 0.04 – 0.61 | < Normal |
| March 2013 | 0.03 | 0.45 | 0.03 – 0.52 | Normal |
| April 2013 | 0.00 | 0.14 | 0.00 – 0.09 | Normal |
| May 2013 | 0.00 | 0.03 | 0.00 – 0.03 | Normal |
| June 2013 | 0.00 | 0.01 | NA | Normal |
| July 2013 | 0.54 | 0.32 | 0.00 – 0.33 | > Normal |
| August 2013 | 0.66 | 0.66 | 0.07 – 0.80 | Normal |
| September 2013 | 0.57 | 0.50 | 0.00 – 0.50 | > Normal |
| October 2013 | 0.01 | 0.23 | 0.00 – 0.19 | Normal |
| November 2013 | 0.74 | 0.19 | 0.00 – 0.16 | > Normal |
| December 2013 | 0.01 | 0.48 | 0.01 – 0.47 | Normal |
| | | | | |
| January 2014 | 0.00 | 0.46 | 0.03 – 0.51 | < Normal |
| February 2014 | 0.07 | 0.55 | 0.04 – 0.61 | Normal |
| March 2014 | 0.04 | 0.45 | 0.03 – 0.52 | Normal |
| April 2014 | 0.00 | 0.14 | 0.00 – 0.09 | Normal |
| May 2014 | 0.01 | 0.03 | 0.00 – 0.03 | Normal |
| June 2014 | 0.00 | 0.01 | NA | Normal |
| July 2014 | 0.00 | 0.32 | 0.00 – 0.33 | Normal |
| August 2014 | 0.58 | 0.66 | 0.07 – 0.80 | Normal |
| September 2014 | 0.11 | 0.50 | 0.00 – 0.50 | Normal |
| October 2014 | 0.03 | 0.23 | 0.00 – 0.19 | Normal |
| November 2014 | 0.00 | 0.19 | 0.00 – 0.16 | Normal |
| December 2014 | 0.78 | 0.48 | 0.01 – 0.47 | > Normal |
| | | | | |
| January 2015 | 0.57 | 0.46 | 0.03 – 0.51 | > Normal |
| February 2015 | 0.04 | 0.55 | 0.04 – 0.61 | Normal |
| March 2015 | 1.02 | 0.45 | 0.03 – 0.52 | > Normal |
| April 2015 | 0.00 | 0.14 | 0.00 – 0.09 | Normal |
| May 2015 | 0.35 | 0.03 | 0.00 – 0.03 | > Normal |
| June 2015 | 0.04 | 0.01 | NA | NA |
| July 2015 | 0.23 | 0.32 | 0.00 – 0.33 | Normal |
| August 2015 | 0.00 | 0.66 | 0.07 – 0.80 | < Normal |
| September 2015 | 0.04 | 0.50 | 0.00 – 0.50 | Normal |
| October 2015 | 0.84 | 0.23 | 0.00 – 0.19 | > Normal |
| November 2015 | 0.05 | 0.19 | 0.00 – 0.16 | Normal |
| December 2015 | 0.00 | 0.48 | 0.01 – 0.47 | < Normal |
| | | | | |
| January 2016 | 0.56 | 0.46 | 0.03 – 0.51 | > Normal |
| February 2016 | 0.00 | 0.55 | 0.04 – 0.61 | < Normal |
| March 2016 | 0.00 | 0.45 | 0.03 – 0.52 | < Normal |
| April 2016 | 0.14 | 0.14 | 0.00 – 0.09 | > Normal |
| May 2016 | 0.00 | 0.03 | 0.00 – 0.03 | Normal |
| June 2016 | 0.03 | 0.01 | NA | Normal |
| July 2016 | 0.24 | 0.32 | 0.00 – 0.33 | Normal |
| August 2016 | 0.14 | 0.66 | 0.07 – 0.80 | Normal |
| September 2016 | 0.13 | 0.50 | 0.00 – 0.50 | Normal |
| October 2016 | 0.14 | 0.23 | 0.00 – 0.19 | Normal |
| November 2016 (to 11/14/2016) | 0.00 | 0.19 | 0.00 – 0.16 | Normal |

* Data from WETS Station Blythe AP, CA158, reporting years 1970 – 2000.

WETS Station : BLYTHE AP, CA158 Creation Date: 10/09/2014
Latitude: 3337 Longitude: 11443 Elevation: 00395
State FIPS/County(FIPS): 06065 County Name: Riverside
Start yr. - 1971 End yr. - 2000

| Month | Temperature (Degrees F.) | | | Precipitation (Inches) | | | | |
|-----------|-----------------------------|---------------------|-------|---------------------------|-------------------------|--------------|---|------------------------------|
| | avg daily max | avg daily min | avg | avg | 30% chance will have | | avg # of days w/.1 or more | avg total snow fall |
| | | | | | less than | more than | | |
| January | 66.6 | 41.7 | 54.2 | 0.46 | 0.03 | 0.51 | 1 | 0.0 |
| February | 72.0 | 45.7 | 58.9 | 0.55 | 0.04 | 0.61 | 1 | 0.0 |
| March | 77.6 | 50.2 | 63.9 | 0.45 | 0.03 | 0.52 | 1 | 0.0 |
| April | 85.7 | 56.2 | 71.0 | 0.14 | 0.00 | 0.09 | 1 | 0.0 |
| May | 93.9 | 63.9 | 78.9 | 0.03 | 0.00 | 0.03 | 0 | 0.0 |
| June | 104.1 | 72.6 | 88.4 | 0.01 | NA | NA | 0 | 0.0 |
| July | 107.2 | 80.2 | 93.7 | 0.32 | 0.00 | 0.33 | 1 | 0.0 |
| August | 105.4 | 79.5 | 92.5 | 0.66 | 0.07 | 0.80 | 1 | 0.0 |
| September | 99.6 | 72.4 | 86.0 | 0.50 | 0.00 | 0.50 | 1 | 0.0 |
| October | 88.0 | 60.0 | 74.0 | 0.23 | 0.00 | 0.19 | 0 | 0.0 |
| November | 74.7 | 47.4 | 61.1 | 0.19 | 0.00 | 0.16 | 0 | 0.0 |
| December | 66.0 | 40.9 | 53.5 | 0.48 | 0.01 | 0.47 | 1 | 0.0 |
| Annual | ----- | ----- | ----- | ----- | 2.87 | 4.74 | -- | ----- |
| Average | 86.7 | 59.2 | 73.0 | ----- | ----- | ----- | -- | ----- |
| Average | ----- | ----- | ----- | 4.02 | ----- | ----- | 9 | 0.0 |

GROWING SEASON DATES

| Probability | Temperature | | |
|--------------|---|----------------|----------------|
| | 24 F or higher | 28 F or higher | 32 F or higher |
| | Beginning and Ending Dates Growing Season Length | | |
| 50 percent * | | | |
| 70 percent * | | | |

* Percent chance of the growing season occurring between the Beginning and Ending dates.

total 1948-2014 prcp

Station : CA158, BLYTHE AP

----- Unit = inches

| yr | jan | feb | mar | apr | may | jun | jul | aug | sep | oct | nov | dec | annl |
|----|------|------|------|------|------|------|------|-------|------|------|-------|-------|------|
| 48 | | | | | | | 0.05 | 0.90 | 0.49 | 1.33 | 0.00 | 0.24 | 3.01 |
| 49 | 2.48 | 0.00 | 0.01 | 0.02 | 0.00 | 0.00 | 0.00 | 0.18 | 0.00 | 0.23 | 0.00 | 0.07 | 2.99 |
| 50 | 0.00 | 0.05 | 0.00 | 0.00 | 0.00 | 0.00 | 0.24 | 0.00 | 0.02 | 0.00 | 0.00 | 0.00 | 0.31 |
| 51 | 0.54 | 0.00 | 0.00 | 0.73 | 0.07 | 0.00 | 0.19 | 5.92 | 0.00 | 0.41 | 0.69 | 0.13 | 8.68 |
| 52 | 0.40 | 0.18 | 0.59 | 0.65 | 0.00 | 0.91 | 0.25 | 0.05 | 0.10 | 0.00 | 0.33 | 1.42 | 4.88 |
| 53 | 0.00 | 0.10 | 0.10 | 0.00 | 0.00 | 0.00 | 0.07 | 0.06 | 0.00 | 0.00 | 0.00 | 0.26 | 0.59 |
| 54 | 0.70 | 0.00 | 0.76 | 0.01 | 0.00 | 0.00 | 0.14 | 0.46 | 0.20 | 0.16 | 0.00 | 0.00 | 2.43 |
| 55 | 1.05 | 0.00 | 0.00 | 0.02 | 0.00 | 0.00 | 0.04 | 1.14 | 0.00 | 0.00 | 0.01 | 0.00 | 2.26 |
| 56 | 0.00 | 0.07 | 0.00 | 0.00 | 0.00 | 0.00 | 1.03 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 1.11 |
| 57 | 0.97 | 0.03 | 0.00 | 0.13 | 0.00 | 0.00 | 0.32 | 0.48 | 0.00 | 1.53 | 0.05 | 0.13 | 3.64 |
| 58 | 0.12 | 1.35 | 0.60 | 0.25 | 0.02 | 0.00 | 0.02 | 0.57 | 0.01 | 0.09 | 0.03 | 0.00 | 3.06 |
| 59 | 0.07 | 0.36 | 0.00 | 0.00 | 0.00 | 0.01 | 0.07 | 1.30 | 0.07 | 0.38 | 0.00 | 1.95 | 4.21 |
| 60 | 0.42 | 0.17 | 0.21 | 0.03 | 0.00 | 0.00 | 0.12 | 0.09 | 1.03 | 0.02 | 0.25 | 0.00 | 2.34 |
| 61 | 0.13 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.04 | 0.50 | 0.00 | 0.00 | 0.12 | 0.75 | 1.54 |
| 62 | 0.79 | 0.26 | 0.09 | 0.00 | 0.00 | 0.00 | 0.02 | 0.48 | 0.00 | 0.00 | 0.00 | 0.57 | 2.21 |
| 63 | 0.55 | 0.23 | 0.20 | 0.00 | 0.00 | 0.00 | 0.00 | 1.05 | 1.03 | 1.17 | 0.41 | 0.00 | 4.64 |
| 64 | 0.00 | 0.22 | 0.33 | 0.08 | 0.00 | 0.00 | 0.08 | 0.00 | 0.00 | 0.00 | 0.30 | 0.12 | 1.13 |
| 65 | 0.14 | 0.09 | 0.23 | 3.00 | 0.01 | 0.00 | 0.00 | 0.35 | 0.00 | 0.00 | 0.81 | 1.44 | 6.07 |
| 66 | 1.08 | 0.02 | 0.15 | 0.03 | 0.00 | 0.00 | 0.61 | 0.13 | 0.18 | 1.09 | 0.02 | 0.19 | 3.50 |
| 67 | 0.26 | 0.00 | 0.22 | 0.00 | 0.00 | 0.00 | 0.00 | 1.16 | 1.04 | 0.00 | 0.70 | 0.87 | 4.25 |
| 68 | 0.00 | 0.12 | 0.25 | 0.06 | 0.00 | 0.00 | 0.38 | 0.05 | 0.00 | 0.32 | 0.03 | 0.11 | 1.32 |
| 69 | 1.00 | 0.01 | 0.03 | 0.00 | 0.00 | 0.00 | 1.05 | 0.17 | 0.60 | 0.17 | 0.47 | 0.05 | 3.55 |
| 70 | 0.11 | 0.66 | 1.11 | 0.01 | 0.00 | 0.00 | 0.00 | 0.73 | 0.00 | 0.00 | 0.00 | 0.03 | 2.65 |
| 71 | 0.00 | 0.00 | 0.00 | 0.05 | 0.00 | 0.00 | 0.01 | 1.07 | 0.97 | 0.06 | 0.00 | 0.08 | 2.24 |
| 72 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.10 | 0.21 | 0.30 | 0.01 | 1.89 | 0.38 | 0.03 | 2.92 |
| 73 | 0.07 | 0.96 | 1.12 | 0.00 | 0.00 | 0.00 | 0.00 | 0.38 | 0.00 | 0.00 | 0.05 | 0.00 | 2.58 |
| 74 | 0.71 | 0.00 | 0.19 | 0.00 | 0.00 | 0.00 | 0.12 | 0.11 | 0.00 | 0.89 | 0.00 | 0.70 | 2.72 |
| 75 | 0.05 | 0.11 | 0.07 | 0.32 | 0.00 | 0.00 | 0.76 | 0.00 | 0.56 | 0.00 | 0.01 | 0.04 | 1.92 |
| 76 | 0.00 | 1.78 | 0.00 | 0.91 | 0.00 | 0.00 | 0.14 | 0.00 | 2.14 | 0.05 | 0.02 | 0.18 | 5.22 |
| 77 | 0.16 | 0.01 | 0.12 | 0.01 | 0.09 | 0.01 | 0.17 | 1.10 | 0.70 | 0.06 | 0.00 | 0.40 | 2.83 |
| 78 | 1.73 | 1.07 | 0.22 | 0.10 | 0.04 | 0.00 | 0.06 | 0.99 | 0.00 | 1.42 | 0.43 | 0.89 | 6.95 |
| 79 | 1.44 | 0.06 | 0.81 | 0.00 | 0.12 | 0.00 | 0.36 | 2.09 | 0.52 | 0.06 | 0.00 | 0.18 | 5.64 |
| 80 | 0.84 | 1.57 | 0.65 | 0.24 | 0.00 | 0.00 | 0.10 | 0.72 | 0.18 | 0.03 | 0.00 | 0.02 | 4.35 |
| 81 | 0.05 | 0.19 | 1.01 | 0.00 | 0.07 | 0.04 | 0.00 | 1.77 | 0.03 | | | 0.00 | 3.16 |
| 82 | 0.13 | 0.26 | 0.87 | 0.00 | 0.12 | 0.00 | 0.49 | 1.25 | 0.51 | 0.00 | 0.28 | 1.26 | 5.17 |
| 83 | 0.13 | 0.37 | 1.75 | 0.00 | 0.00 | 0.00 | 0.00 | 2.07 | 0.88 | 0.00 | 0.03 | 0.73 | 5.96 |
| 84 | 0.06 | 0.00 | 0.00 | 0.00 | 0.02 | 0.00 | 2.44 | 0.11 | 0.00 | 0.00 | 0.10 | 3.33 | 6.06 |
| 85 | 0.27 | 0.29 | 0.03 | 0.06 | 0.00 | 0.00 | 0.00 | 0.00 | 1.61 | 0.90 | 1.84 | 0.07 | 5.07 |
| 86 | 0.07 | 0.40 | 0.19 | 0.02 | 0.00 | 0.00 | 0.11 | 0.05 | 0.90 | 0.50 | 0.69 | 0.75 | 3.68 |
| 87 | 0.00 | 0.03 | 0.00 | 0.05 | 0.00 | 0.03 | 1.40 | 0.00 | 0.01 | 0.42 | 0.71 | M0.68 | 3.33 |
| 88 | 0.42 | 0.61 | 0.02 | 0.98 | 0.00 | 0.00 | 0.00 | 0.83 | 0.00 | 0.07 | 0.00 | 0.00 | 2.93 |
| 89 | 1.08 | 0.00 | 0.06 | 0.00 | 0.00 | 0.00 | 0.32 | 0.15 | 0.01 | 0.00 | 0.00 | 0.00 | 1.62 |
| 90 | 0.14 | 0.01 | 0.21 | 0.00 | 0.02 | 0.00 | 0.22 | 1.47 | 0.13 | 0.06 | 0.00 | | 2.26 |
| 91 | | 0.76 | 1.24 | 0.00 | 0.00 | 0.00 | 0.01 | 0.28 | 1.52 | 0.14 | 0.04 | 0.31 | 4.30 |
| 92 | 0.78 | 1.59 | 2.15 | 0.28 | 0.03 | 0.00 | 0.00 | 1.93 | 0.00 | 0.20 | 0.00 | 2.20 | 9.16 |
| 93 | 2.33 | 2.19 | 0.17 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.05 | 0.87 | 0.01 | 5.62 |
| 94 | 0.01 | 0.29 | 0.68 | 0.02 | 0.12 | 0.00 | 0.69 | 0.14 | 0.00 | 0.00 | 0.06 | 1.23 | 3.24 |
| 95 | 2.29 | 0.32 | 0.49 | 0.09 | | 0.00 | 0.05 | 1.37 | 0.08 | 0.00 | 0.00 | 0.00 | 4.69 |
| 96 | 0.10 | 0.27 | 0.09 | 0.00 | 0.22 | 0.00 | 0.00 | 0.00 | 0.85 | 0.01 | 0.04 | 0.01 | 1.59 |
| 97 | 0.47 | 0.00 | 0.00 | 0.06 | 0.00 | 0.00 | 0.61 | 0.03 | 2.05 | 0.01 | 0.03 | 1.06 | 4.32 |
| 98 | 0.28 | 3.03 | 1.29 | 0.01 | 0.01 | 0.00 | 0.05 | 0.47 | 0.52 | 0.04 | 0.16 | 0.21 | 6.07 |
| 99 | 0.00 | 0.34 | 0.00 | 1.00 | 0.04 | 0.00 | 1.20 | 0.00 | 0.74 | 0.00 | 0.00 | 0.00 | 3.32 |
| 0 | 0.00 | 0.08 | 0.38 | 0.00 | 0.00 | 0.01 | 0.00 | 1.03 | 0.00 | 0.00 | M0.00 | 0.00 | 1.50 |
| 1 | 0.81 | 0.67 | 1.55 | 0.01 | 0.00 | 0.00 | 0.00 | M0.00 | 0.00 | 0.00 | 0.11 | 0.03 | 3.18 |
| 2 | 0.00 | 0.00 | 0.04 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.75 | 0.04 | 0.03 | 0.00 | 0.86 |
| 3 | 0.11 | 1.08 | 0.28 | 0.08 | 0.00 | 0.00 | 0.06 | 0.00 | 0.07 | 0.00 | 0.33 | 0.00 | 2.01 |

| | | | | | | | | | | | | | |
|----|------|------|------|------|------|------|-------|------|------|-------|------|------|------|
| 4 | 0.02 | 0.57 | 0.81 | 0.06 | 0.00 | 0.00 | 0.00 | 0.02 | 0.12 | 1.02 | 0.31 | 0.57 | 3.50 |
| 5 | 1.55 | 2.83 | 0.21 | 0.00 | 0.00 | 0.00 | 0.00 | 1.35 | 0.00 | 0.85 | 0.00 | 0.00 | 6.79 |
| 6 | 0.00 | 0.00 | 0.25 | 0.00 | 0.00 | 0.20 | 0.15 | 1.46 | 1.44 | 0.04 | 0.00 | 0.00 | 3.54 |
| 7 | 0.16 | 0.07 | 0.53 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.06 | 0.00 | 1.11 | 0.00 | 1.93 |
| 8 | 0.77 | 0.02 | 0.00 | 0.00 | 0.18 | 0.00 | 0.27 | 0.15 | 0.06 | 0.00 | 0.24 | 0.65 | 2.34 |
| 9 | 0.02 | 0.43 | 0.00 | 0.00 | 0.03 | 0.01 | 0.07 | 0.02 | 0.03 | 0.00 | 0.00 | 0.85 | 1.46 |
| 10 | 2.12 | 0.90 | 0.67 | 0.01 | 0.00 | 0.00 | 0.00 | 0.03 | 0.00 | 0.26 | 0.00 | 0.54 | 4.53 |
| 11 | 0.00 | 1.17 | 0.06 | 0.00 | 0.00 | 0.00 | 1.64 | 0.00 | 0.08 | 0.12 | 0.29 | 0.60 | 3.96 |
| 12 | 0.00 | 0.01 | 0.19 | 0.14 | 0.00 | 0.00 | 1.88 | 1.05 | 0.07 | 0.27 | 0.00 | 0.86 | 4.47 |
| 13 | 0.77 | 0.01 | 0.03 | 0.00 | 0.00 | 0.00 | 0.54 | 0.66 | 0.57 | 0.02 | 0.74 | 0.01 | 3.35 |
| 14 | 0.00 | 0.07 | 0.04 | 0.00 | 0.01 | 0.00 | M0.00 | 0.49 | 0.11 | M0.02 | | | 0.74 |

Blythe, CA

Change Location:

Units: English | [Metric](#)

Table Graph Details

Actual Conditions For January 2013

Choose another month / year:

Month

Year

Reports from: BLYTHE, CA [BLH]

Choose another location:

(Lat: 33.62 Lon:-114.72)

Enter a Different Station:

| Obs. Date | Act. High | Act. Low | Act. Avg | Norm. High | Norm. Low | Norm. Avg. | Norm. Dept. | Rec. High | Rec. Year | Rec. Low | Rec. Year | Precip. Amt | Snow Amt. | Snow Ground | Heat Deg Day | Cool Deg Day |
|-----------|-----------|----------|----------|------------|-----------|------------|-------------|-----------|-----------|----------|-----------|-------------|-----------|-------------|--------------|--------------|
| 1 | 56 | 32 | 44 | 66 | 41 | 53 | -9 | 82 | 1981 | 24 | 1976 | 0.00 | 0.0 | 0 | 21 | 0 |
| 2 | 61 | 37 | 49 | 66 | 41 | 54 | -5 | 80 | 1981 | 27 | 2015 | 0.00 | 0.0 | 0 | 16 | 0 |
| 3 | 63 | 39 | 51 | 66 | 41 | 54 | -3 | 78 | 1997 | 21 | 1974 | 0.00 | 0.0 | 0 | 14 | 0 |
| 4 | 61 | 33 | 47 | 66 | 41 | 54 | -7 | 80 | 1981 | 23 | 1950 | 0.00 | 0.0 | 0 | 18 | 0 |
| 5 | 62 | 29 | 46 | 66 | 41 | 54 | -8 | 79 | 1981 | 22 | 1972 | 0.00 | 0.0 | 0 | 19 | 0 |
| 6 | 63 | 37 | 50 | 66 | 42 | 54 | -4 | 80 | 1962 | 25 | 1950 | 0.00 | 0.0 | 0 | 15 | 0 |
| 7 | 66 | 39 | 53 | 67 | 42 | 54 | -1 | 85 | 1962 | 24 | 1971 | 0.00 | 0.0 | 0 | 12 | 0 |
| 8 | 74 | 43 | 59 | 67 | 42 | 54 | 5 | 84 | 1962 | 20 | 1971 | 0.00 | 0.0 | 0 | 6 | 0 |
| 9 | 72 | 45 | 59 | 67 | 42 | 54 | 5 | 80 | 1962 | 25 | 1971 | 0.00 | 0.0 | 0 | 6 | 0 |
| 10 | 63 | 46 | 55 | 67 | 42 | 54 | 1 | 80 | 1962 | 26 | 1971 | 0.00 | 0.0 | 0 | 10 | 0 |
| 11 | 54 | 33 | 44 | 67 | 42 | 55 | -11 | 80 | 1986 | 27 | 1950 | 0.00 | 0.0 | 0 | 21 | 0 |
| 12 | 53 | 35 | 44 | 67 | 42 | 55 | -11 | 79 | 1983 | 26 | 1962 | 0.00 | 0.0 | 0 | 21 | 0 |
| 13 | 52 | 25 | 39 | 67 | 42 | 55 | -16 | 78 | 1996 | 25 | 2013 | 0.00 | 0.0 | 0 | 26 | 0 |
| 14 | 48 | 32 | 40 | 68 | 42 | 55 | -15 | 80 | 1983 | 25 | 2007 | 0.00 | 0.0 | 0 | 25 | 0 |
| 15 | 54 | 34 | 44 | 68 | 42 | 55 | -11 | 78 | 2014* | 28 | 1987 | 0.00 | 0.0 | 0 | 21 | 0 |
| 16 | 63 | 38 | 51 | 68 | 42 | 55 | -4 | 83 | 1976 | 29 | 1964 | 0.00 | 0.0 | 0 | 14 | 0 |
| 17 | 69 | 38 | 54 | 68 | 42 | 55 | -1 | 82 | 2011* | 25 | 2007 | 0.00 | 0.0 | 0 | 11 | 0 |
| 18 | 70 | 41 | 56 | 68 | 43 | 55 | 1 | 85 | 1971 | 30 | 2002 | 0.00 | 0.0 | 0 | 9 | 0 |
| 19 | 71 | 40 | 56 | 68 | 43 | 55 | 1 | 84 | 1971 | 29 | 1990 | 0.00 | 0.0 | 0 | 9 | 0 |
| 20 | 73 | 39 | 56 | 68 | 43 | 55 | 1 | 83 | 1971 | 30 | 2008 | 0.00 | 0.0 | 0 | 9 | 0 |
| 21 | 75 | 41 | 58 | 68 | 43 | 56 | 2 | 80 | 2009 | 30 | 1973 | 0.00 | 0.0 | 0 | 7 | 0 |
| 22 | 76 | 40 | 58 | 69 | 43 | 56 | 2 | 79 | 1994 | 31 | 1987 | 0.00 | 0.0 | 0 | 7 | 0 |
| 23 | 73 | 45 | 59 | 69 | 43 | 56 | 3 | 82 | 1950 | 30 | 1972 | 0.00 | 0.0 | 0 | 6 | 0 |
| 24 | 71 | 56 | 64 | 69 | 43 | 56 | 8 | 82 | 1951 | 29 | 1996 | 0.00 | 0.0 | 0 | 1 | 0 |
| 25 | 71 | 57 | 64 | 69 | 43 | 56 | 8 | 89 | 1951 | 31 | 1972 | 0.32 | 0.0 | 0 | 1 | 0 |
| 26 | 64 | 57 | 61 | 69 | 43 | 56 | 5 | 81 | 2003 | 30 | 2002 | 0.45 | 0.0 | 0 | 4 | 0 |
| 27 | 70 | 51 | 61 | 69 | 43 | 56 | 5 | 79 | 2003 | 29 | 1972 | 0.00 | 0.0 | 0 | 4 | 0 |
| 28 | 60 | 44 | 52 | 69 | 43 | 56 | -4 | 80 | 2014* | 29 | 1972 | 0.00 | 0.0 | 0 | 13 | 0 |
| 29 | 63 | 41 | 52 | 69 | 43 | 56 | -4 | 81 | 1953 | 30 | 1975 | 0.00 | 0.0 | 0 | 13 | 0 |
| 30 | 66 | 40 | 53 | 70 | 43 | 56 | -3 | 83 | 2003 | 26 | 1949 | 0.00 | 0.0 | 0 | 12 | 0 |
| 31 | 70 | 43 | 57 | 70 | 44 | 57 | 0 | 86 | 2003 | 30 | 1972 | 0.00 | 0.0 | 0 | 8 | 0 |

M = Missing

Blythe, CA

Change Location:

Units: English | [Metric](#)

Table Graph Details

Actual Conditions For February 2013

Choose another month / year:

Month

Year

Reports from: **BLYTHE, CA [BLH]**

Choose another location:

(Lat: 33.62 Lon:-114.72)

Enter a Different Station:

| Obs. Date | Act. High | Act. Low | Act. Avg | Norm. High | Norm. Low | Norm. Avg. | Norm. Dept. | Rec. High | Rec. Year | Rec. Low | Rec. Year | Precip. Amt | Snow Amt. | Snow Ground | Heat Deg Day | Cool Deg Day |
|-----------|-----------|----------|----------|------------|-----------|------------|-------------|-----------|-----------|----------|-----------|-------------|-----------|-------------|--------------|--------------|
| 1 | 73 | 41 | 57 | 70 | 44 | 57 | 0 | 84 | 2003 | 28 | 2002 | 0.00 | 0.0 | 0 | 8 | 0 |
| 2 | 75 | 49 | 62 | 70 | 44 | 57 | 5 | 85 | 1963 | 31 | 1951 | 0.00 | 0.0 | 0 | 3 | 0 |
| 3 | 74 | 56 | 65 | 70 | 44 | 57 | 8 | 84 | 1963 | 23 | 1972 | 0.00 | 0.0 | 0 | 0 | 0 |
| 4 | 76 | 50 | 63 | 70 | 44 | 57 | 6 | 84 | 1963 | 26 | 2011 | 0.00 | 0.0 | 0 | 2 | 0 |
| 5 | 75 | 48 | 62 | 70 | 44 | 57 | 5 | 87 | 1983 | 33 | 1956 | 0.00 | 0.0 | 0 | 3 | 0 |
| 6 | 74 | 51 | 63 | 70 | 44 | 57 | 6 | 88 | 1963 | 30 | 1989 | 0.00 | 0.0 | 0 | 2 | 0 |
| 7 | 74 | 45 | 60 | 71 | 44 | 57 | 3 | 89 | 1996 | 31 | 1989 | 0.00 | 0.0 | 0 | 5 | 0 |
| 8 | 65 | 48 | 57 | 71 | 44 | 58 | -1 | 88 | 1963 | 35 | 2002 | 0.00 | 0.0 | 0 | 8 | 0 |
| 9 | 62 | 42 | 52 | 71 | 45 | 58 | -6 | 86 | 1996 | 30 | 1949 | 0.00 | 0.0 | 0 | 13 | 0 |
| 10 | 62 | 37 | 50 | 71 | 45 | 58 | -8 | 87 | 1951 | 32 | 1986 | 0.00 | 0.0 | 0 | 15 | 0 |
| 11 | 62 | 44 | 53 | 71 | 45 | 58 | -5 | 90 | 1957 | 33 | 1986 | 0.00 | 0.0 | 0 | 12 | 0 |
| 12 | 62 | 37 | 50 | 71 | 45 | 58 | -8 | 85 | 1971 | 29 | 1965 | 0.00 | 0.0 | 0 | 15 | 0 |
| 13 | 70 | 36 | 53 | 72 | 45 | 58 | -5 | 90 | 1957 | 31 | 1972 | 0.00 | 0.0 | 0 | 12 | 0 |
| 14 | 77 | 40 | 59 | 72 | 45 | 59 | 0 | 87 | 2015 | 31 | 1966 | 0.00 | 0.0 | 0 | 6 | 0 |
| 15 | 77 | 51 | 64 | 72 | 46 | 59 | 5 | 86 | 2014* | 26 | 1990 | 0.00 | 0.0 | 0 | 1 | 0 |
| 16 | 79 | 46 | 63 | 72 | 46 | 59 | 4 | 87 | 1981 | 22 | 1990 | 0.00 | 0.0 | 0 | 2 | 0 |
| 17 | 77 | 41 | 59 | 72 | 46 | 59 | 0 | 88 | 1981 | 31 | 1956 | 0.00 | 0.0 | 0 | 6 | 0 |
| 18 | 75 | 42 | 59 | 73 | 46 | 59 | 0 | 93 | 1981 | 35 | 1967 | 0.00 | 0.0 | 0 | 6 | 0 |
| 19 | 67 | 45 | 56 | 73 | 46 | 60 | -4 | 90 | 1981 | 31 | 1956 | 0.00 | 0.0 | 0 | 9 | 0 |
| 20 | 57 | 41 | 49 | 73 | 47 | 60 | -11 | 86 | 1981 | 32 | 1990 | 0.01 | 0.0 | 0 | 16 | 0 |
| 21 | 62 | 35 | 49 | 73 | 47 | 60 | -11 | 92 | 1977 | 32 | 1953 | 0.00 | 0.0 | 0 | 16 | 0 |
| 22 | 65 | 36 | 51 | 73 | 47 | 60 | -9 | 88 | 1982 | 32 | 1955 | 0.00 | 0.0 | 0 | 14 | 0 |
| 23 | 72 | 36 | 54 | 74 | 47 | 60 | -6 | 87 | 2002 | 31 | 1953 | 0.00 | 0.0 | 0 | 11 | 0 |
| 24 | 65 | 44 | 55 | 74 | 47 | 61 | -6 | 90 | 1986 | 34 | 1996 | 0.00 | 0.0 | 0 | 10 | 0 |
| 25 | 67 | 42 | 55 | 74 | 48 | 61 | -6 | 93 | 1986 | 32 | 1960 | 0.00 | 0.0 | 0 | 10 | 0 |
| 26 | 70 | 36 | 53 | 74 | 48 | 61 | -8 | 92 | 1986 | 35 | 1977 | 0.00 | 0.0 | 0 | 12 | 0 |
| 27 | 69 | 48 | 59 | 75 | 48 | 61 | -2 | 93 | 1986 | 30 | 1996 | 0.00 | 0.0 | 0 | 6 | 0 |
| 28 | 76 | 45 | 61 | 75 | 48 | 61 | 0 | 93 | 1986 | 31 | 1962 | 0.00 | 0.0 | 0 | 4 | 0 |

M = Missing

Blythe, CA

Change Location:

Units: English | [Metric](#)

Table Graph Details

Actual Conditions For March 2013

Choose another month / year: Month

Reports from: BLYTHE, CA [BLH]

Choose another location:

(Lat: 33.62 Lon:-114.72)

Enter a Different Station:

| Obs. Date | Act. High | Act. Low | Act. Avg | Norm. High | Norm. Low | Norm. Avg. | Norm. Dept. | Rec. High | Rec. Year | Rec. Low | Rec. Year | Precip. Amt | Snow Amt. | Snow Ground | Heat Deg Day | Cool Deg Day |
|-----------|-----------|----------|----------|------------|-----------|------------|-------------|-----------|-----------|----------|-----------|-------------|-----------|-------------|--------------|--------------|
| 1 | 81 | 48 | 65 | 75 | 48 | 62 | 3 | 90 | 1986 | 34 | 1962 | 0.00 | 0.0 | 0 | 0 | 0 |
| 2 | 84 | 47 | 66 | 75 | 48 | 62 | 4 | 89 | 2009* | 36 | 1997 | 0.00 | 0.0 | 0 | 0 | 1 |
| 3 | 82 | 51 | 67 | 76 | 49 | 62 | 5 | 90 | 1986 | 31 | 1971 | 0.00 | 0.0 | 0 | 0 | 2 |
| 4 | 80 | 52 | 66 | 76 | 49 | 62 | 4 | 88 | 1986 | 31 | 2002 | 0.00 | 0.0 | 0 | 0 | 1 |
| 5 | 80 | 49 | 65 | 76 | 49 | 63 | 2 | 91 | 1986 | 33 | 2002 | 0.00 | 0.0 | 0 | 0 | 0 |
| 6 | 81 | 51 | 66 | 76 | 49 | 63 | 3 | 92 | 1986 | 36 | 1977 | 0.00 | 0.0 | 0 | 0 | 1 |
| 7 | 75 | 48 | 62 | 77 | 49 | 63 | -1 | 90 | 1960 | 37 | 1982 | 0.00 | 0.0 | 0 | 3 | 0 |
| 8 | 66 | 52 | 59 | 77 | 49 | 63 | -4 | 91 | 1957 | 35 | 1969 | 0.03 | 0.0 | 0 | 6 | 0 |
| 9 | 71 | 47 | 59 | 77 | 50 | 63 | -4 | 92 | 2004 | 34 | 1964 | 0.00 | 0.0 | 0 | 6 | 0 |
| 10 | 75 | 48 | 62 | 77 | 50 | 64 | -2 | 95 | 1997 | 41 | 2010* | 0.00 | 0.0 | 0 | 3 | 0 |
| 11 | 81 | 47 | 64 | 78 | 50 | 64 | 0 | 93 | 1997 | 38 | 1969 | 0.00 | 0.0 | 0 | 1 | 0 |
| 12 | 87 | 47 | 67 | 78 | 50 | 64 | 3 | 92 | 2007* | 37 | 1990 | 0.00 | 0.0 | 0 | 0 | 2 |
| 13 | 91 | 51 | 71 | 78 | 50 | 64 | 7 | 95 | 2007 | 30 | 1956 | 0.00 | 0.0 | 0 | 0 | 6 |
| 14 | 95 | 54 | 75 | 78 | 50 | 64 | 11 | 95 | 2013 | 38 | 1952 | 0.00 | 0.0 | 0 | 0 | 10 |
| 15 | 93 | 55 | 74 | 79 | 50 | 64 | 10 | 94 | 2004 | 34 | 1977 | 0.00 | 0.0 | 0 | 0 | 9 |
| 16 | 95 | 59 | 77 | 79 | 51 | 65 | 12 | 98 | 2007 | 36 | 1963 | 0.00 | 0.0 | 0 | 0 | 12 |
| 17 | 90 | 56 | 73 | 79 | 51 | 65 | 8 | 99 | 2007 | 36 | 2002 | 0.00 | 0.0 | 0 | 0 | 8 |
| 18 | 87 | 56 | 72 | 79 | 51 | 65 | 7 | 94 | 1997 | 37 | 1979 | 0.00 | 0.0 | 0 | 0 | 7 |
| 19 | 89 | 57 | 73 | 79 | 51 | 65 | 8 | 96 | 1997 | 39 | 1977 | 0.00 | 0.0 | 0 | 0 | 8 |
| 20 | 88 | 56 | 72 | 80 | 51 | 65 | 7 | 99 | 2004 | 41 | 2012 | 0.00 | 0.0 | 0 | 0 | 7 |
| 21 | 87 | 63 | 75 | 80 | 51 | 66 | 9 | 100 | 2004 | 40 | 1987 | 0.00 | 0.0 | 0 | 0 | 10 |
| 22 | 86 | 59 | 73 | 80 | 51 | 66 | 7 | 98 | 2004 | 39 | 2006* | 0.00 | 0.0 | 0 | 0 | 8 |
| 23 | 76 | 58 | 67 | 80 | 51 | 66 | 1 | 95 | 1956 | 43 | 2011* | 0.00 | 0.0 | 0 | 0 | 2 |
| 24 | 81 | 48 | 65 | 81 | 51 | 66 | -1 | 95 | 1956 | 37 | 1995 | 0.00 | 0.0 | 0 | 0 | 0 |
| 25 | 85 | 47 | 66 | 81 | 52 | 66 | 0 | 96 | 1981 | 41 | 1964 | 0.00 | 0.0 | 0 | 0 | 1 |
| 26 | 90 | 57 | 74 | 81 | 52 | 66 | 8 | 96 | 1988 | 40 | 1995 | 0.00 | 0.0 | 0 | 0 | 9 |
| 27 | 89 | 58 | 74 | 81 | 52 | 67 | 7 | 100 | 1986 | 36 | 1975 | 0.00 | 0.0 | 0 | 0 | 9 |
| 28 | 86 | 55 | 71 | 82 | 52 | 67 | 4 | 95 | 1986 | 40 | 1972 | 0.00 | 0.0 | 0 | 0 | 6 |
| 29 | 88 | 57 | 73 | 82 | 52 | 67 | 6 | 95 | 1971 | 37 | 1972 | 0.00 | 0.0 | 0 | 0 | 8 |
| 30 | 91 | 68 | 80 | 82 | 52 | 67 | 13 | 100 | 1971 | 38 | 1998 | 0.00 | 0.0 | 0 | 0 | 15 |
| 31 | 89 | 58 | 74 | 82 | 53 | 67 | 7 | 100 | 2011 | 38 | 1972 | 0.00 | 0.0 | 0 | 0 | 9 |

M = Missing

Blythe, CA

Change Location:

Units: English | [Metric](#)

[Table](#) [Graph](#) [Details](#)

Actual Conditions For April 2013

Choose another month / year: Month

Reports from: BLYTHE, CA [BLH]

Choose another location:

(Lat: 33.62 Lon:-114.72)

Enter a Different Station:

| Obs. Date | Act. High | Act. Low | Act. Avg | Norm. High | Norm. Low | Norm. Avg. | Norm. Dept. | Rec. High | Rec. Year | Rec. Low | Rec. Year | Precip. Amt | Snow Amt. | Snow Ground | Heat Deg Day | Cool Deg Day |
|-----------|-----------|----------|----------|------------|-----------|------------|-------------|-----------|-----------|----------|-----------|-------------|-----------|-------------|--------------|--------------|
| 1 | 83 | 53 | 68 | 83 | 53 | 68 | 0 | 99 | 2011* | 44 | 2010* | 0.00 | 0.0 | 0 | 0 | 3 |
| 2 | 87 | 58 | 73 | 83 | 53 | 68 | 5 | 98 | 1966 | 40 | 1975 | 0.00 | 0.0 | 0 | 0 | 8 |
| 3 | 92 | 57 | 75 | 83 | 53 | 68 | 7 | 101 | 1961 | 40 | 1975 | 0.00 | 0.0 | 0 | 0 | 10 |
| 4 | 92 | 59 | 76 | 83 | 53 | 68 | 8 | 106 | 1961 | 41 | 1977 | 0.00 | 0.0 | 0 | 0 | 11 |
| 5 | 90 | 59 | 75 | 84 | 53 | 69 | 6 | 100 | 1989 | 42 | 1983 | 0.00 | 0.0 | 0 | 0 | 10 |
| 6 | 91 | 58 | 75 | 84 | 54 | 69 | 6 | 103 | 1989 | 43 | 2006 | 0.00 | 0.0 | 0 | 0 | 10 |
| 7 | 89 | 63 | 76 | 84 | 54 | 69 | 7 | 105 | 1989 | 44 | 1964 | 0.00 | 0.0 | 0 | 0 | 11 |
| 8 | 78 | 64 | 71 | 84 | 54 | 69 | 2 | 107 | 1989 | 42 | 1999 | 0.00 | 0.0 | 0 | 0 | 6 |
| 9 | 79 | 58 | 69 | 85 | 54 | 70 | -1 | 102 | 1989 | 42 | 2011 | 0.00 | 0.0 | 0 | 0 | 4 |
| 10 | 82 | 59 | 71 | 85 | 55 | 70 | 1 | 101 | 1960 | 38 | 1975 | 0.00 | 0.0 | 0 | 0 | 6 |
| 11 | 91 | 49 | 70 | 85 | 55 | 70 | 0 | 99 | 2014* | 44 | 2001 | 0.00 | 0.0 | 0 | 0 | 5 |
| 12 | 90 | 56 | 73 | 86 | 55 | 70 | 3 | 100 | 1990 | 44 | 1967 | 0.00 | 0.0 | 0 | 0 | 8 |
| 13 | 95 | 59 | 77 | 86 | 55 | 71 | 6 | 103 | 1985 | 40 | 1983 | 0.00 | 0.0 | 0 | 0 | 12 |
| 14 | 90 | 61 | 76 | 86 | 56 | 71 | 5 | 104 | 2002 | 46 | 1983 | 0.00 | 0.0 | 0 | 0 | 11 |
| 15 | 83 | 59 | 71 | 86 | 56 | 71 | 0 | 104 | 1962 | 46 | 2012 | 0.00 | 0.0 | 0 | 0 | 6 |
| 16 | 76 | 54 | 65 | 87 | 56 | 71 | -6 | 104 | 1984 | 41 | 2009 | 0.00 | 0.0 | 0 | 0 | 0 |
| 17 | 76 | 56 | 66 | 87 | 57 | 72 | -6 | 103 | 1987 | 44 | 1976 | 0.00 | 0.0 | 0 | 0 | 1 |
| 18 | 77 | 56 | 67 | 87 | 57 | 72 | -5 | 104 | 1954 | 41 | 1963 | 0.00 | 0.0 | 0 | 0 | 2 |
| 19 | 85 | 51 | 68 | 88 | 57 | 72 | -4 | 106 | 1980 | 44 | 1968 | 0.00 | 0.0 | 0 | 0 | 3 |
| 20 | 93 | 53 | 73 | 88 | 58 | 73 | 0 | 103 | 1980 | 46 | 1995 | 0.00 | 0.0 | 0 | 0 | 8 |
| 21 | 96 | 56 | 76 | 88 | 58 | 73 | 3 | 105 | 2012 | 42 | 1967 | 0.00 | 0.0 | 0 | 0 | 11 |
| 22 | 97 | 62 | 80 | 89 | 58 | 73 | 7 | 106 | 2012 | 41 | 1970 | 0.00 | 0.0 | 0 | 0 | 15 |
| 23 | 90 | 63 | 77 | 89 | 58 | 74 | 3 | 106 | 1949 | 44 | 2010* | 0.00 | 0.0 | 0 | 0 | 12 |
| 24 | 92 | 56 | 74 | 89 | 59 | 74 | 0 | 105 | 1996 | 46 | 1964 | 0.00 | 0.0 | 0 | 0 | 9 |
| 25 | 88 | 60 | 74 | 89 | 59 | 74 | 0 | 102 | 1987 | 46 | 1989 | 0.00 | 0.0 | 0 | 0 | 9 |
| 26 | 93 | 60 | 77 | 90 | 59 | 75 | 2 | 106 | 1996 | 48 | 1971 | 0.00 | 0.0 | 0 | 0 | 12 |
| 27 | 99 | 61 | 80 | 90 | 60 | 75 | 5 | 106 | 1987 | 45 | 1963 | 0.00 | 0.0 | 0 | 0 | 15 |
| 28 | 102 | 65 | 84 | 90 | 60 | 75 | 9 | 106 | 1992 | 44 | 1970 | 0.00 | 0.0 | 0 | 0 | 19 |
| 29 | 106 | 67 | 87 | 91 | 60 | 76 | 11 | 107 | 1992 | 45 | 1984 | 0.00 | 0.0 | 0 | 0 | 22 |
| 30 | 102 | 69 | 86 | 91 | 61 | 76 | 10 | 105 | 1992 | 46 | 1967 | 0.00 | 0.0 | 0 | 0 | 21 |

M = Missing

Blythe, CA

Change Location:

Units: English | [Metric](#)

Table Graph Details

Actual Conditions For May 2013

Choose another month / year: Month

Reports from: BLYTHE, CA [BLH]

Choose another location:

(Lat: 33.62 Lon:-114.72)

Enter a Different Station:

| Obs. Date | Act. High | Act. Low | Act. Avg | Norm. High | Norm. Low | Norm. Avg. | Norm. Dept. | Rec. High | Rec. Year | Rec. Low | Rec. Year | Precip. Amt | Snow Amt. | Snow Ground | Heat Deg Day | Cool Deg Day |
|-----------|-----------|----------|----------|------------|-----------|------------|-------------|-----------|-----------|----------|-----------|-------------|-----------|-------------|--------------|--------------|
| 1 | 96 | 67 | 82 | 91 | 61 | 76 | 6 | 105 | 1985 | 49 | 1990 | 0.00 | 0.0 | 0 | 0 | 17 |
| 2 | 91 | 68 | 80 | 92 | 61 | 76 | 4 | 105 | 1966 | 48 | 1967 | 0.00 | 0.0 | 0 | 0 | 15 |
| 3 | 95 | 61 | 78 | 92 | 62 | 77 | 1 | 103 | 2014* | 50 | 1991 | 0.00 | 0.0 | 0 | 0 | 13 |
| 4 | 98 | 61 | 80 | 92 | 62 | 77 | 3 | 105 | 2004 | 49 | 1999 | 0.00 | 0.0 | 0 | 0 | 15 |
| 5 | 88 | 66 | 77 | 93 | 62 | 77 | 0 | 105 | 1997 | 45 | 1964 | 0.00 | 0.0 | 0 | 0 | 12 |
| 6 | 84 | 62 | 73 | 93 | 62 | 78 | -5 | 108 | 1987 | 47 | 1988 | 0.00 | 0.0 | 0 | 0 | 8 |
| 7 | 81 | 60 | 71 | 93 | 63 | 78 | -7 | 108 | 1989 | 46 | 1988 | 0.00 | 0.0 | 0 | 0 | 6 |
| 8 | 84 | 55 | 70 | 93 | 63 | 78 | -8 | 109 | 2001 | 49 | 1964 | 0.00 | 0.0 | 0 | 0 | 5 |
| 9 | 89 | 59 | 74 | 94 | 63 | 79 | -5 | 108 | 2001 | 50 | 1982 | 0.00 | 0.0 | 0 | 0 | 9 |
| 10 | 96 | 66 | 81 | 94 | 64 | 79 | 2 | 109 | 1960 | 48 | 1977 | 0.00 | 0.0 | 0 | 0 | 16 |
| 11 | 100 | 67 | 84 | 94 | 64 | 79 | 5 | 113 | 1960 | 50 | 1982 | 0.00 | 0.0 | 0 | 0 | 19 |
| 12 | 103 | 69 | 86 | 95 | 64 | 79 | 7 | 112 | 1996 | 50 | 1980 | 0.00 | 0.0 | 0 | 0 | 21 |
| 13 | 106 | 69 | 88 | 95 | 64 | 80 | 8 | 108 | 1996 | 50 | 1962 | 0.00 | 0.0 | 0 | 0 | 23 |
| 14 | 107 | 74 | 91 | 95 | 64 | 80 | 11 | 107 | 2013* | 50 | 1998 | 0.00 | 0.0 | 0 | 0 | 26 |
| 15 | 101 | 63 | 82 | 96 | 65 | 80 | 2 | 107 | 2012* | 53 | 1962 | 0.00 | 0.0 | 0 | 0 | 17 |
| 16 | 102 | 68 | 85 | 96 | 65 | 80 | 5 | 109 | 1997 | 52 | 1953 | 0.00 | 0.0 | 0 | 0 | 20 |
| 17 | 95 | 67 | 81 | 96 | 65 | 81 | 0 | 110 | 1997 | 53 | 1977 | 0.00 | 0.0 | 0 | 0 | 16 |
| 18 | 95 | 62 | 79 | 96 | 65 | 81 | -2 | 110 | 1970 | 54 | 1977 | 0.00 | 0.0 | 0 | 0 | 14 |
| 19 | 99 | 66 | 83 | 97 | 66 | 81 | 2 | 113 | 2008 | 49 | 2011 | 0.00 | 0.0 | 0 | 0 | 18 |
| 20 | 96 | 72 | 84 | 97 | 66 | 81 | 3 | 111 | 2008 | 51 | 1949 | 0.00 | 0.0 | 0 | 0 | 19 |
| 21 | 101 | 65 | 83 | 97 | 66 | 82 | 1 | 110 | 2005 | 47 | 1975 | 0.00 | 0.0 | 0 | 0 | 18 |
| 22 | 103 | 71 | 87 | 98 | 66 | 82 | 5 | 113 | 2000 | 45 | 1971 | 0.00 | 0.0 | 0 | 0 | 22 |
| 23 | 96 | 65 | 81 | 98 | 66 | 82 | -1 | 110 | 2001 | 50 | 1971 | 0.00 | 0.0 | 0 | 0 | 16 |
| 24 | 96 | 61 | 79 | 98 | 67 | 82 | -3 | 112 | 2001 | 51 | 2010 | 0.00 | 0.0 | 0 | 0 | 14 |
| 25 | 97 | 65 | 81 | 99 | 67 | 83 | -2 | 113 | 1951 | 51 | 1980 | 0.00 | 0.0 | 0 | 0 | 16 |
| 26 | 97 | 65 | 81 | 99 | 67 | 83 | -2 | 112 | 1974 | 52 | 1996 | 0.00 | 0.0 | 0 | 0 | 16 |
| 27 | 95 | 68 | 82 | 99 | 67 | 83 | -1 | 114 | 1951 | 50 | 1962 | 0.00 | 0.0 | 0 | 0 | 17 |
| 28 | 97 | 68 | 83 | 99 | 67 | 83 | 0 | 114 | 1983 | 52 | 1971 | 0.00 | 0.0 | 0 | 0 | 18 |
| 29 | 102 | 73 | 88 | 100 | 68 | 84 | 4 | 114 | 2000 | 43 | 1971 | 0.00 | 0.0 | 0 | 0 | 23 |
| 30 | 99 | 73 | 86 | 100 | 68 | 84 | 2 | 113 | 1984 | 56 | 1988 | 0.00 | 0.0 | 0 | 0 | 21 |
| 31 | 101 | 74 | 88 | 100 | 68 | 84 | 4 | 112 | 2012* | 55 | 1991 | 0.00 | 0.0 | 0 | 0 | 23 |

M = Missing

Blythe, CA

Change Location:

Units: English | [Metric](#)

Table Graph Details

Actual Conditions For June 2013

Choose another month / year: Month Year

Reports from: BLYTHE, CA [BLH]

Choose another location:

(Lat: 33.62 Lon:-114.72)

Enter a Different Station:

| Obs. Date | Act. High | Act. Low | Act. Avg | Norm. High | Norm. Low | Norm. Avg. | Norm. Dept. | Rec. High | Rec. Year | Rec. Low | Rec. Year | Precip. Amt | Snow Amt. | Snow Ground | Heat Deg Day | Cool Deg Day |
|-----------|-----------|----------|----------|------------|-----------|------------|-------------|-----------|-----------|----------|-----------|-------------|-----------|-------------|--------------|--------------|
| 1 | 109 | 74 | 92 | 101 | 68 | 84 | 8 | 114 | 2012 | 46 | 1980 | 0.00 | 0.0 | 0 | 0 | 27 |
| 2 | 109 | 74 | 92 | 101 | 68 | 85 | 7 | 112 | 1960 | 56 | 1983 | 0.00 | 0.0 | 0 | 0 | 27 |
| 3 | 104 | 73 | 89 | 101 | 69 | 85 | 4 | 113 | 1996 | 55 | 1971 | 0.00 | 0.0 | 0 | 0 | 24 |
| 4 | 104 | 73 | 89 | 102 | 69 | 85 | 4 | 114 | 1996 | 56 | 1998 | 0.00 | 0.0 | 0 | 0 | 24 |
| 5 | 107 | 72 | 90 | 102 | 69 | 85 | 5 | 116 | 1957 | 55 | 1999 | 0.00 | 0.0 | 0 | 0 | 25 |
| 6 | 112 | 74 | 93 | 102 | 69 | 86 | 7 | 114 | 2002 | 59 | 1993 | 0.00 | 0.0 | 0 | 0 | 28 |
| 7 | 114 | 77 | 96 | 102 | 70 | 86 | 10 | 117 | 1985 | 52 | 1993 | 0.00 | 0.0 | 0 | 0 | 31 |
| 8 | 108 | 84 | 96 | 103 | 70 | 86 | 10 | 118 | 1955 | 58 | 1998 | 0.00 | 0.0 | 0 | 0 | 31 |
| 9 | 107 | 73 | 90 | 103 | 70 | 87 | 3 | 118 | 1955 | 57 | 1995 | 0.00 | 0.0 | 0 | 0 | 25 |
| 10 | 110 | 73 | 92 | 103 | 70 | 87 | 5 | 116 | 1994 | 60 | 1969 | 0.00 | 0.0 | 0 | 0 | 27 |
| 11 | 106 | 77 | 92 | 104 | 71 | 87 | 5 | 114 | 1956 | 56 | 1976 | 0.00 | 0.0 | 0 | 0 | 27 |
| 12 | 108 | 77 | 93 | 104 | 71 | 87 | 6 | 116 | 1956 | 62 | 1998 | 0.00 | 0.0 | 0 | 0 | 28 |
| 13 | 108 | 77 | 93 | 104 | 71 | 88 | 5 | 115 | 1979 | 56 | 1998 | 0.00 | 0.0 | 0 | 0 | 28 |
| 14 | 106 | 78 | 92 | 104 | 72 | 88 | 4 | 117 | 1966 | 59 | 1997 | 0.00 | 0.0 | 0 | 0 | 27 |
| 15 | 107 | 77 | 92 | 105 | 72 | 88 | 4 | 117 | 2000 | 54 | 1962 | 0.00 | 0.0 | 0 | 0 | 27 |
| 16 | 107 | 74 | 91 | 105 | 72 | 89 | 2 | 116 | 1971 | 58 | 1990 | 0.00 | 0.0 | 0 | 0 | 26 |
| 17 | 108 | 73 | 91 | 105 | 73 | 89 | 2 | 116 | 1981 | 57 | 1995 | 0.00 | 0.0 | 0 | 0 | 26 |
| 18 | 108 | 74 | 91 | 106 | 73 | 89 | 2 | 118 | 1981 | 60 | 1995 | 0.00 | 0.0 | 0 | 0 | 26 |
| 19 | 104 | 73 | 89 | 106 | 73 | 90 | -1 | 117 | 1961 | 61 | 1975 | 0.00 | 0.0 | 0 | 0 | 24 |
| 20 | 105 | 73 | 89 | 106 | 74 | 90 | -1 | 118 | 1981 | 58 | 1975 | 0.00 | 0.0 | 0 | 0 | 24 |
| 21 | 106 | 74 | 90 | 106 | 74 | 90 | 0 | 116 | 2008* | 64 | 1975 | 0.00 | 0.0 | 0 | 0 | 25 |
| 22 | 107 | 72 | 90 | 106 | 74 | 90 | 0 | 119 | 1960 | 65 | 2010* | 0.00 | 0.0 | 0 | 0 | 25 |
| 23 | 105 | 76 | 91 | 107 | 75 | 91 | 0 | 118 | 1961 | 63 | 1998 | 0.00 | 0.0 | 0 | 0 | 26 |
| 24 | 102 | 74 | 88 | 107 | 75 | 91 | -3 | 118 | 1994 | 63 | 1998 | 0.00 | 0.0 | 0 | 0 | 23 |
| 25 | 103 | 72 | 88 | 107 | 75 | 91 | -3 | 122 | 1970 | 66 | 1991 | 0.00 | 0.0 | 0 | 0 | 23 |
| 26 | 107 | 79 | 93 | 107 | 76 | 92 | 1 | 122 | 1990 | 61 | 1965 | 0.00 | 0.0 | 0 | 0 | 28 |
| 27 | 110 | 78 | 94 | 107 | 76 | 92 | 2 | 121 | 1973 | 62 | 1996 | 0.00 | 0.0 | 0 | 0 | 29 |
| 28 | 120 | 83 | 102 | 108 | 76 | 92 | 10 | 123 | 1994 | 67 | 1991 | 0.00 | 0.0 | 0 | 0 | 37 |
| 29 | 119 | 90 | 105 | 108 | 77 | 92 | 13 | 121 | 1994 | 67 | 1997 | 0.00 | 0.0 | 0 | 0 | 40 |
| 30 | 115 | 86 | 101 | 108 | 77 | 92 | 9 | 119 | 1972 | 68 | 1997 | 0.00 | 0.0 | 0 | 0 | 36 |

M = Missing

Blythe, CA

Change Location:

Units: English | [Metric](#)

Table Graph Details

Actual Conditions For July 2013

Choose another month / year: Month

Reports from: BLYTHE, CA [BLH]

Choose another location:

(Lat: 33.62 Lon:-114.72)

Enter a Different Station:

| Obs. Date | Act. High | Act. Low | Act. Avg | Norm. High | Norm. Low | Norm. Avg. | Norm. Dept. | Rec. High | Rec. Year | Rec. Low | Rec. Year | Precip. Amt | Snow Amt. | Snow Ground | Heat Deg Day | Cool Deg Day |
|-----------|-----------|----------|----------|------------|-----------|------------|-------------|-----------|-----------|----------|-----------|-------------|-----------|-------------|--------------|--------------|
| 1 | 115 | 90 | 103 | 108 | 77 | 93 | 10 | 118 | 1972 | 62 | 1982 | 0.00 | 0.0 | 0 | 0 | 38 |
| 2 | 112 | 87 | 100 | 108 | 78 | 93 | 7 | 119 | 2001 | 66 | 1995 | 0.00 | 0.0 | 0 | 0 | 35 |
| 3 | 116 | 89 | 103 | 108 | 78 | 93 | 10 | 119 | 1985 | 67 | 1979 | 0.00 | 0.0 | 0 | 0 | 38 |
| 4 | 110 | 86 | 98 | 108 | 78 | 93 | 5 | 121 | 1989 | 67 | 1956 | 0.00 | 0.0 | 0 | 0 | 33 |
| 5 | 104 | 86 | 95 | 108 | 79 | 93 | 2 | 118 | 1981 | 69 | 1987 | 0.00 | 0.0 | 0 | 0 | 30 |
| 6 | 109 | 82 | 96 | 108 | 79 | 94 | 2 | 117 | 1965 | 67 | 1994 | 0.00 | 0.0 | 0 | 0 | 31 |
| 7 | 114 | 85 | 100 | 108 | 79 | 94 | 6 | 117 | 1985 | 70 | 2005 | 0.00 | 0.0 | 0 | 0 | 35 |
| 8 | 115 | 86 | 101 | 109 | 79 | 94 | 7 | 119 | 1985 | 73 | 1949 | 0.00 | 0.0 | 0 | 0 | 36 |
| 9 | 107 | 86 | 97 | 109 | 80 | 94 | 3 | 118 | 1958 | 70 | 1987 | 0.00 | 0.0 | 0 | 0 | 32 |
| 10 | 103 | 83 | 93 | 109 | 80 | 94 | -1 | 118 | 1973 | 72 | 1986 | 0.00 | 0.0 | 0 | 0 | 28 |
| 11 | 95 | 75 | 85 | 109 | 80 | 94 | -9 | 118 | 1958 | 69 | 1974 | 0.21 | 0.0 | 0 | 0 | 20 |
| 12 | 104 | 78 | 91 | 109 | 80 | 94 | -3 | 118 | 1985 | 71 | 2000 | 0.00 | 0.0 | 0 | 0 | 26 |
| 13 | 108 | 82 | 95 | 109 | 80 | 94 | 1 | 119 | 2005 | 66 | 1962 | 0.00 | 0.0 | 0 | 0 | 30 |
| 14 | 111 | 86 | 99 | 109 | 81 | 95 | 4 | 118 | 2003 | 73 | 2011* | 0.00 | 0.0 | 0 | 0 | 34 |
| 15 | 113 | 87 | 100 | 109 | 81 | 95 | 5 | 117 | 2006* | 71 | 2001 | 0.00 | 0.0 | 0 | 0 | 35 |
| 16 | 110 | 86 | 98 | 108 | 81 | 95 | 3 | 119 | 1960 | 69 | 1993 | 0.00 | 0.0 | 0 | 0 | 33 |
| 17 | 109 | 81 | 95 | 108 | 81 | 95 | 0 | 121 | 2005 | 64 | 1983 | 0.00 | 0.0 | 0 | 0 | 30 |
| 18 | 112 | 83 | 98 | 108 | 81 | 95 | 3 | 118 | 2005 | 67 | 1987 | 0.00 | 0.0 | 0 | 0 | 33 |
| 19 | 103 | 87 | 95 | 108 | 81 | 95 | 0 | 119 | 1961 | 62 | 1987 | 0.00 | 0.0 | 0 | 0 | 30 |
| 20 | 99 | 77 | 88 | 108 | 81 | 95 | -7 | 118 | 1978 | 70 | 1993 | 0.09 | 0.0 | 0 | 0 | 23 |
| 21 | 89 | 76 | 83 | 108 | 81 | 95 | -12 | 118 | 2006 | 69 | 1973 | 0.24 | 0.0 | 0 | 0 | 18 |
| 22 | 100 | 78 | 89 | 108 | 81 | 95 | -6 | 120 | 2006 | 69 | 1995 | 0.00 | 0.0 | 0 | 0 | 24 |
| 23 | 103 | 82 | 93 | 108 | 81 | 95 | -2 | 117 | 1981 | 69 | 1987 | 0.00 | 0.0 | 0 | 0 | 28 |
| 24 | 108 | 85 | 97 | 108 | 81 | 95 | 2 | 117 | 1980 | 73 | 1995 | 0.00 | 0.0 | 0 | 0 | 32 |
| 25 | 100 | 87 | 94 | 108 | 82 | 95 | -1 | 117 | 2000 | 71 | 1993 | 0.00 | 0.0 | 0 | 0 | 29 |
| 26 | 104 | 87 | 96 | 108 | 82 | 95 | 1 | 118 | 1995 | 71 | 1986 | 0.00 | 0.0 | 0 | 0 | 31 |
| 27 | 109 | 87 | 98 | 108 | 82 | 95 | 3 | 120 | 1998 | 72 | 1993 | 0.00 | 0.0 | 0 | 0 | 33 |
| 28 | 110 | 84 | 97 | 108 | 82 | 95 | 2 | 123 | 1995 | 68 | 1987 | 0.00 | 0.0 | 0 | 0 | 32 |
| 29 | 108 | 76 | 92 | 108 | 82 | 95 | -3 | 116 | 1972 | 64 | 1987 | 0.00 | 0.0 | 0 | 0 | 27 |
| 30 | 108 | 81 | 95 | 108 | 82 | 95 | 0 | 117 | 1995 | 73 | 1948 | 0.00 | 0.0 | 0 | 0 | 30 |
| 31 | 111 | 80 | 96 | 108 | 81 | 95 | 1 | 120 | 1972 | 72 | 2001 | 0.00 | 0.0 | 0 | 0 | 31 |

M = Missing

Blythe, CA

Change Location:

Units: English | [Metric](#)

[Table](#) [Graph](#) [Details](#)

Actual Conditions For August 2013

Choose another month / year: Month Year

Reports from: BLYTHE, CA [BLH]

Choose another location:

(Lat: 33.62 Lon:-114.72)

Enter a Different Station:

| Obs. Date | Act. High | Act. Low | Act. Avg | Norm. High | Norm. Low | Norm. Avg. | Norm. Dept. | Rec. High | Rec. Year | Rec. Low | Rec. Year | Precip. Amt | Snow Amt. | Snow Ground | Heat Deg Day | Cool Deg Day |
|-----------|-----------|----------|----------|------------|-----------|------------|-------------|-----------|-----------|----------|-----------|-------------|-----------|-------------|--------------|--------------|
| 1 | 111 | 84 | 98 | 108 | 81 | 95 | 3 | 120 | 1972 | 70 | 1959 | 0.00 | 0.0 | 0 | 0 | 33 |
| 2 | 107 | 77 | 92 | 108 | 81 | 94 | -2 | 118 | 1995 | 70 | 1976 | 0.00 | 0.0 | 0 | 0 | 27 |
| 3 | 108 | 76 | 92 | 107 | 81 | 94 | -2 | 118 | 1998 | 68 | 1976 | 0.00 | 0.0 | 0 | 0 | 27 |
| 4 | 108 | 78 | 93 | 107 | 81 | 94 | -1 | 118 | 1969 | 67 | 1976 | 0.00 | 0.0 | 0 | 0 | 28 |
| 5 | 103 | 78 | 91 | 107 | 81 | 94 | -3 | 118 | 2000 | 70 | 1976 | 0.00 | 0.0 | 0 | 0 | 26 |
| 6 | 106 | 84 | 95 | 107 | 81 | 94 | 1 | 118 | 1995 | 66 | 1976 | 0.00 | 0.0 | 0 | 0 | 30 |
| 7 | 107 | 80 | 94 | 107 | 81 | 94 | 0 | 117 | 1980 | 68 | 1988 | 0.00 | 0.0 | 0 | 0 | 29 |
| 8 | 108 | 74 | 91 | 107 | 81 | 94 | -3 | 119 | 1980 | 69 | 1999 | 0.00 | 0.0 | 0 | 0 | 26 |
| 9 | 107 | 73 | 90 | 107 | 81 | 94 | -4 | 115 | 1995 | 68 | 2009 | 0.00 | 0.0 | 0 | 0 | 25 |
| 10 | 104 | 73 | 89 | 107 | 81 | 94 | -5 | 116 | 2003 | 67 | 1949 | 0.00 | 0.0 | 0 | 0 | 24 |
| 11 | 105 | 72 | 89 | 107 | 81 | 94 | -5 | 116 | 1962 | 70 | 1999 | 0.00 | 0.0 | 0 | 0 | 24 |
| 12 | 108 | 71 | 90 | 107 | 81 | 94 | -4 | 116 | 1962 | 69 | 1949 | 0.00 | 0.0 | 0 | 0 | 25 |
| 13 | 107 | 74 | 91 | 107 | 81 | 94 | -3 | 119 | 1960 | 66 | 1993 | 0.00 | 0.0 | 0 | 0 | 26 |
| 14 | 109 | 76 | 93 | 107 | 81 | 94 | -1 | 117 | 1962 | 65 | 1968 | 0.00 | 0.0 | 0 | 0 | 28 |
| 15 | 111 | 86 | 99 | 107 | 80 | 94 | 5 | 115 | 1962 | 64 | 1993 | 0.00 | 0.0 | 0 | 0 | 34 |
| 16 | 114 | 85 | 100 | 107 | 80 | 94 | 6 | 116 | 1992 | 67 | 1980 | 0.00 | 0.0 | 0 | 0 | 35 |
| 17 | 113 | 85 | 99 | 107 | 80 | 94 | 5 | 116 | 1992 | 67 | 1980 | 0.00 | 0.0 | 0 | 0 | 34 |
| 18 | 110 | 88 | 99 | 107 | 80 | 93 | 6 | 115 | 1992 | 64 | 1976 | 0.00 | 0.0 | 0 | 0 | 34 |
| 19 | 108 | 88 | 98 | 107 | 80 | 93 | 5 | 114 | 1973 | 66 | 1976 | 0.00 | 0.0 | 0 | 0 | 33 |
| 20 | 112 | 83 | 98 | 107 | 80 | 93 | 5 | 113 | 1992 | 68 | 1980 | 0.00 | 0.0 | 0 | 0 | 33 |
| 21 | 110 | 85 | 98 | 107 | 80 | 93 | 5 | 116 | 1969 | 69 | 2014 | 0.00 | 0.0 | 0 | 0 | 33 |
| 22 | 105 | 81 | 93 | 107 | 79 | 93 | 0 | 116 | 1972 | 68 | 2014* | 0.02 | 0.0 | 0 | 0 | 28 |
| 23 | 105 | 81 | 93 | 107 | 79 | 93 | 0 | 116 | 2011* | 64 | 1968 | 0.00 | 0.0 | 0 | 0 | 28 |
| 24 | 100 | 76 | 88 | 106 | 79 | 93 | -5 | 119 | 1985 | 66 | 1968 | 0.30 | 0.0 | 0 | 0 | 23 |
| 25 | 86 | 77 | 82 | 106 | 79 | 93 | -11 | 115 | 1985 | 68 | 1973 | 0.02 | 0.0 | 0 | 0 | 17 |
| 26 | 93 | 72 | 83 | 106 | 79 | 93 | -10 | 115 | 2011 | 66 | 1951 | 0.27 | 0.0 | 0 | 0 | 18 |
| 27 | 101 | 78 | 90 | 106 | 79 | 92 | -2 | 115 | 2005 | 67 | 1973 | 0.00 | 0.0 | 0 | 0 | 25 |
| 28 | 106 | 83 | 95 | 106 | 78 | 92 | 3 | 118 | 1998 | 65 | 1973 | 0.00 | 0.0 | 0 | 0 | 30 |
| 29 | 99 | 83 | 91 | 106 | 78 | 92 | -1 | 118 | 1948 | 66 | 1975 | 0.05 | 0.0 | 0 | 0 | 26 |
| 30 | 98 | 81 | 90 | 106 | 78 | 92 | -2 | 116 | 1998 | 62 | 1957 | 0.00 | 0.0 | 0 | 0 | 25 |
| 31 | 103 | 83 | 93 | 106 | 78 | 92 | 1 | 119 | 1950 | 62 | 1992 | 0.00 | 0.0 | 0 | 0 | 28 |

M = Missing

Blythe, CA

Change Location:

Units: English | [Metric](#)

Table Graph Details

Actual Conditions For September 2013

Choose another month / year: Month

Reports from: BLYTHE, CA [BLH]

Choose another location:

(Lat: 33.62 Lon:-114.72)

Enter a Different Station:

| Obs. Date | Act. High | Act. Low | Act. Avg | Norm. High | Norm. Low | Norm. Avg. | Norm. Dept. | Rec. High | Rec. Year | Rec. Low | Rec. Year | Precip. Amt | Snow Amt. | Snow Ground | Heat Deg Day | Cool Deg Day |
|-----------|-----------|----------|----------|------------|-----------|------------|-------------|-----------|-----------|----------|-----------|-------------|-----------|-------------|--------------|--------------|
| 1 | 105 | 83 | 94 | 105 | 78 | 91 | 3 | 121 | 1950 | 64 | 1966 | 0.00 | 0.0 | 0 | 0 | 29 |
| 2 | 108 | 80 | 94 | 105 | 77 | 91 | 3 | 118 | 1948 | 64 | 2000 | 0.01 | 0.0 | 0 | 0 | 29 |
| 3 | 106 | 78 | 92 | 105 | 77 | 91 | 1 | 118 | 1948 | 65 | 1964 | 0.00 | 0.0 | 0 | 0 | 27 |
| 4 | 100 | 81 | 91 | 105 | 77 | 91 | 0 | 115 | 1948 | 61 | 1985 | 0.12 | 0.0 | 0 | 0 | 26 |
| 5 | 109 | 78 | 94 | 105 | 76 | 91 | 3 | 113 | 1955 | 59 | 1976 | 0.00 | 0.0 | 0 | 0 | 29 |
| 6 | 109 | 79 | 94 | 104 | 76 | 90 | 4 | 114 | 1955 | 66 | 1992 | 0.01 | 0.0 | 0 | 0 | 29 |
| 7 | 95 | 78 | 87 | 104 | 76 | 90 | -3 | 112 | 1994 | 60 | 1985 | 0.00 | 0.0 | 0 | 0 | 22 |
| 8 | 97 | 76 | 87 | 104 | 75 | 90 | -3 | 116 | 1979 | 65 | 2010 | 0.25 | 0.0 | 0 | 0 | 22 |
| 9 | 100 | 75 | 88 | 104 | 75 | 89 | -1 | 114 | 1993 | 62 | 1961 | 0.18 | 0.0 | 0 | 0 | 23 |
| 10 | 89 | 74 | 82 | 103 | 75 | 89 | -7 | 114 | 1990 | 63 | 2005 | 0.00 | 0.0 | 0 | 0 | 17 |
| 11 | 96 | 73 | 85 | 103 | 74 | 89 | -4 | 115 | 1990 | 61 | 1985 | 0.00 | 0.0 | 0 | 0 | 20 |
| 12 | 100 | 77 | 89 | 103 | 74 | 88 | 1 | 113 | 1971 | 59 | 1985 | 0.00 | 0.0 | 0 | 0 | 24 |
| 13 | 103 | 77 | 90 | 102 | 74 | 88 | 2 | 112 | 1971 | 58 | 1985 | 0.00 | 0.0 | 0 | 0 | 25 |
| 14 | 106 | 76 | 91 | 102 | 73 | 88 | 3 | 113 | 1971 | 60 | 2005 | 0.00 | 0.0 | 0 | 0 | 26 |
| 15 | 108 | 78 | 93 | 102 | 73 | 87 | 6 | 113 | 2000 | 61 | 2005 | 0.00 | 0.0 | 0 | 0 | 28 |
| 16 | 108 | 79 | 94 | 101 | 73 | 87 | 7 | 110 | 1962 | 61 | 1970 | 0.00 | 0.0 | 0 | 0 | 29 |
| 17 | 109 | 79 | 94 | 101 | 72 | 87 | 7 | 112 | 1962 | 61 | 1977 | 0.00 | 0.0 | 0 | 0 | 29 |
| 18 | 101 | 75 | 88 | 101 | 72 | 86 | 2 | 111 | 1980 | 57 | 1985 | 0.00 | 0.0 | 0 | 0 | 23 |
| 19 | 102 | 68 | 85 | 100 | 71 | 86 | -1 | 113 | 1962 | 56 | 1985 | 0.00 | 0.0 | 0 | 0 | 20 |
| 20 | 103 | 68 | 86 | 100 | 71 | 85 | 1 | 108 | 1962 | 53 | 1971 | 0.00 | 0.0 | 0 | 0 | 21 |
| 21 | 102 | 73 | 88 | 99 | 70 | 85 | 3 | 108 | 2009* | 59 | 1986 | 0.00 | 0.0 | 0 | 0 | 23 |
| 22 | 89 | 69 | 79 | 99 | 70 | 84 | -5 | 110 | 1966 | 55 | 1988 | 0.00 | 0.0 | 0 | 0 | 14 |
| 23 | 96 | 66 | 81 | 99 | 70 | 84 | -3 | 111 | 1966 | 56 | 2007 | 0.00 | 0.0 | 0 | 0 | 16 |
| 24 | 99 | 63 | 81 | 98 | 69 | 84 | -3 | 109 | 2002 | 54 | 1986 | 0.00 | 0.0 | 0 | 0 | 16 |
| 25 | 98 | 70 | 84 | 98 | 69 | 83 | 1 | 110 | 1963 | 59 | 1993 | 0.00 | 0.0 | 0 | 0 | 19 |
| 26 | 86 | 64 | 75 | 97 | 68 | 83 | -8 | 110 | 2010 | 53 | 1971 | 0.00 | 0.0 | 0 | 0 | 10 |
| 27 | 86 | 61 | 74 | 97 | 68 | 82 | -8 | 110 | 2010 | 54 | 1971 | 0.00 | 0.0 | 0 | 0 | 9 |
| 28 | 91 | 60 | 76 | 96 | 67 | 82 | -6 | 108 | 2009 | 55 | 1982 | 0.00 | 0.0 | 0 | 0 | 11 |
| 29 | 94 | 56 | 75 | 96 | 67 | 81 | -6 | 110 | 1980 | 56 | 2013 | 0.00 | 0.0 | 0 | 0 | 10 |
| 30 | 96 | 59 | 78 | 96 | 66 | 81 | -3 | 109 | 1980 | 51 | 2005 | 0.00 | 0.0 | 0 | 0 | 13 |

M = Missing

Actual Conditions For October 2013

Choose another month / year: Month Year

Reports from: BLYTHE, CA [BLH]

Choose another location: Postal Code or City

(Lat: 33.62 Lon:-114.72)

Enter a Different Station: station

| Obs. Date | Act. High | Act. Low | Act. Avg | Norm. High | Norm. Low | Norm. Avg. | Norm. Dept. | Rec. High | Rec. Year | Rec. Low | Rec. Year | Precip. Amt | Snow Amt. | Snow Ground | Heat Deg Day | Cool Deg Day |
|-----------|-----------|----------|----------|------------|-----------|------------|-------------|-----------|-----------|----------|-----------|-------------|-----------|-------------|--------------|--------------|
| 1 | 95 | 62 | 79 | 95 | 66 | 81 | -2 | 111 | 1980 | 53 | 1971 | 0.00 | 0.0 | 0 | 0 | 14 |
| 2 | 94 | 63 | 79 | 95 | 66 | 80 | -1 | 111 | 1980 | 52 | 1971 | 0.00 | 0.0 | 0 | 0 | 14 |
| 3 | 92 | 67 | 80 | 94 | 65 | 80 | 0 | 107 | 1987 | 49 | 2002 | 0.00 | 0.0 | 0 | 0 | 15 |
| 4 | 85 | 67 | 76 | 94 | 65 | 79 | -3 | 107 | 1987 | 53 | 2002 | 0.00 | 0.0 | 0 | 0 | 11 |
| 5 | 85 | 65 | 75 | 93 | 64 | 79 | -4 | 108 | 1987 | 52 | 2009 | 0.00 | 0.0 | 0 | 0 | 10 |
| 6 | 91 | 58 | 75 | 93 | 64 | 78 | -3 | 110 | 1987 | 49 | 2009 | 0.00 | 0.0 | 0 | 0 | 10 |
| 7 | 89 | 56 | 73 | 93 | 63 | 78 | -5 | 108 | 1987 | 49 | 2009 | 0.00 | 0.0 | 0 | 0 | 8 |
| 8 | 93 | 56 | 75 | 92 | 63 | 78 | -3 | 106 | 1996 | 51 | 2011 | 0.00 | 0.0 | 0 | 0 | 10 |
| 9 | 76 | 59 | 68 | 92 | 63 | 77 | -9 | 106 | 1996 | 46 | 1949 | 0.00 | 0.0 | 0 | 0 | 3 |
| 10 | 75 | 54 | 65 | 91 | 62 | 77 | -12 | 107 | 1991 | 48 | 1949 | 0.01 | 0.0 | 0 | 0 | 0 |
| 11 | 82 | 50 | 66 | 91 | 62 | 76 | -10 | 105 | 1965 | M | M | 0.00 | 0.0 | 0 | 0 | 1 |
| 12 | 84 | 53 | 69 | 91 | 61 | 76 | -7 | 105 | 1999 | 50 | 2000 | 0.00 | 0.0 | 0 | 0 | 4 |
| 13 | 86 | 54 | 70 | 90 | 61 | 76 | -6 | 106 | 1950 | 47 | 1969 | 0.00 | 0.0 | 0 | 0 | 5 |
| 14 | 85 | 60 | 73 | 90 | 61 | 75 | -2 | 103 | 1961 | 50 | 1994 | 0.00 | 0.0 | 0 | 0 | 8 |
| 15 | 86 | 55 | 71 | 89 | 60 | 75 | -4 | 103 | 1950 | 52 | 1986 | 0.00 | 0.0 | 0 | 0 | 6 |
| 16 | 83 | 59 | 71 | 89 | 60 | 74 | -3 | 102 | 1958 | 49 | 1980 | 0.00 | 0.0 | 0 | 0 | 6 |
| 17 | 84 | 50 | 67 | 89 | 59 | 74 | -7 | M | M | 46 | 1994 | 0.00 | 0.0 | 0 | 0 | 2 |
| 18 | 89 | 52 | 71 | 88 | 59 | 74 | -3 | 104 | 2003 | 41 | 1971 | 0.00 | 0.0 | 0 | 0 | 6 |
| 19 | 89 | 51 | 70 | 88 | 59 | 73 | -3 | 104 | 2003 | 41 | 1971 | 0.00 | 0.0 | 0 | 0 | 5 |
| 20 | 89 | 53 | 71 | 87 | 58 | 73 | -2 | 103 | 2003 | 42 | 1949 | 0.00 | 0.0 | 0 | 0 | 6 |
| 21 | 91 | 52 | 72 | 87 | 58 | 73 | -1 | 104 | 2003 | 44 | 1949 | 0.00 | 0.0 | 0 | 0 | 7 |
| 22 | 92 | 53 | 73 | 87 | 58 | 72 | 1 | 104 | 2003 | 44 | 1996 | 0.00 | 0.0 | 0 | 0 | 8 |
| 23 | 91 | 57 | 74 | 86 | 57 | 72 | 2 | 101 | 2003 | 39 | 1996 | 0.00 | 0.0 | 0 | 0 | 9 |
| 24 | 89 | 56 | 73 | 86 | 57 | 71 | 2 | 102 | 1959 | 42 | 1996 | 0.00 | 0.0 | 0 | 0 | 8 |
| 25 | 89 | 54 | 72 | 86 | 57 | 71 | 1 | 98 | 1965 | 44 | 1975 | 0.00 | 0.0 | 0 | 0 | 7 |
| 26 | 93 | 56 | 75 | 85 | 56 | 71 | 4 | 98 | 1965 | 41 | 1971 | 0.00 | 0.0 | 0 | 0 | 10 |
| 27 | 91 | 56 | 74 | 85 | 56 | 70 | 4 | M | M | 45 | 1971 | 0.00 | 0.0 | 0 | 0 | 9 |
| 28 | 79 | 61 | 70 | 84 | 55 | 70 | 0 | 98 | 1965 | 44 | 1996 | 0.00 | 0.0 | 0 | 0 | 5 |
| 29 | 73 | 50 | 62 | 84 | 55 | 69 | -7 | 97 | 1965 | 33 | 1971 | 0.00 | 0.0 | 0 | 3 | 0 |
| 30 | 75 | 51 | 63 | 84 | 55 | 69 | -6 | 95 | 1966 | 27 | 1971 | 0.00 | 0.0 | 0 | 2 | 0 |
| 31 | 78 | 46 | 62 | 83 | 54 | 69 | -7 | 97 | 1966 | 29 | 1971 | 0.00 | 0.0 | 0 | 3 | 0 |

M = Missing

Actual Conditions For November 2013

Choose another month / year: _Month

Reports from: BLYTHE, CA [BLH]

Choose another location:

(Lat: 33.62 Lon:-114.72)

Enter a Different Station:

| Obs. Date | Act. High | Act. Low | Act. Avg | Norm. High | Norm. Low | Norm. Avg. | Norm. Dept. | Rec. High | Rec. Year | Rec. Low | Rec. Year | Precip. Amt | Snow Amt. | Snow Ground | Heat Deg Day | Cool Deg Day |
|-----------|-----------|----------|----------|------------|-----------|------------|-------------|-----------|-----------|----------|-----------|-------------|-----------|-------------|--------------|--------------|
| 1 | 81 | 49 | 65 | 83 | 54 | 68 | -3 | 95 | 1997 | 42 | 1972 | 0.00 | 0.0 | 0 | 0 | 0 |
| 2 | 82 | 49 | 66 | 82 | 53 | 68 | -2 | 93 | 1997 | 38 | 1971 | 0.00 | 0.0 | 0 | 0 | 1 |
| 3 | 83 | 50 | 67 | 82 | 53 | 67 | 0 | M | M | 40 | 1979 | 0.00 | 0.0 | 0 | 0 | 2 |
| 4 | 78 | 47 | 63 | 81 | 53 | 67 | -4 | M | M | 38 | 1956 | 0.00 | 0.0 | 0 | 2 | 0 |
| 5 | 73 | 52 | 63 | 81 | 52 | 67 | -4 | 94 | 1980 | 43 | 1994 | 0.00 | 0.0 | 0 | 2 | 0 |
| 6 | 77 | 46 | 62 | 80 | 52 | 66 | -4 | 94 | 1988 | M | M | 0.00 | 0.0 | 0 | 3 | 0 |
| 7 | 84 | 50 | 67 | 80 | 52 | 66 | 1 | M | M | 41 | 1993 | 0.00 | 0.0 | 0 | 0 | 2 |
| 8 | 83 | 46 | 65 | 80 | 51 | 65 | 0 | 92 | 1991 | M | M | 0.00 | 0.0 | 0 | 0 | 0 |
| 9 | 82 | 49 | 66 | 79 | 51 | 65 | 1 | 89 | 1995 | 41 | 2000 | 0.00 | 0.0 | 0 | 0 | 1 |
| 10 | 84 | 49 | 67 | 79 | 50 | 64 | 3 | 89 | 1980 | M | M | 0.00 | 0.0 | 0 | 0 | 2 |
| 11 | 88 | 52 | 70 | 78 | 50 | 64 | 6 | M | M | 36 | 1950 | 0.00 | 0.0 | 0 | 0 | 5 |
| 12 | 90 | 55 | 73 | 78 | 49 | 64 | 9 | 91 | 1999 | 32 | 1950 | 0.00 | 0.0 | 0 | 0 | 8 |
| 13 | 88 | 62 | 75 | 77 | 49 | 63 | 12 | 93 | 1999 | 35 | 1985 | 0.00 | 0.0 | 0 | 0 | 10 |
| 14 | 83 | 52 | 68 | 77 | 49 | 63 | 5 | 91 | 1999 | 32 | 2000 | 0.00 | 0.0 | 0 | 0 | 3 |
| 15 | 85 | 57 | 71 | 76 | 48 | 62 | 9 | 90 | 1999 | 39 | 1994 | 0.00 | 0.0 | 0 | 0 | 6 |
| 16 | 74 | 48 | 61 | 76 | 48 | 62 | -1 | 88 | 1995 | 35 | 2000 | 0.00 | 0.0 | 0 | 4 | 0 |
| 17 | 73 | 47 | 60 | 75 | 47 | 61 | -1 | 89 | 1995 | 35 | 1958 | 0.00 | 0.0 | 0 | 5 | 0 |
| 18 | 78 | 50 | 64 | 75 | 47 | 61 | 3 | M | M | 34 | 1958 | 0.00 | 0.0 | 0 | 1 | 0 |
| 19 | 75 | 49 | 62 | 74 | 47 | 60 | 2 | M | M | 35 | 1958 | 0.00 | 0.0 | 0 | 3 | 0 |
| 20 | 75 | 53 | 64 | 74 | 46 | 60 | 4 | 87 | 2006 | 27 | 1994 | 0.00 | 0.0 | 0 | 1 | 0 |
| 21 | 72 | 53 | 63 | 73 | 46 | 60 | 3 | 87 | 1950 | 33 | 1994 | 0.19 | 0.0 | 0 | 2 | 0 |
| 22 | 58 | 50 | 54 | 73 | 45 | 59 | -5 | 88 | 1950 | 35 | 1992 | 0.52 | 0.0 | 0 | 11 | 0 |
| 23 | 59 | 50 | 55 | 72 | 45 | 59 | -4 | 86 | 1949 | M | M | 0.03 | 0.0 | 0 | 10 | 0 |
| 24 | 64 | 49 | 57 | 72 | 45 | 58 | -1 | 87 | 1995 | 34 | 1971 | 0.00 | 0.0 | 0 | 8 | 0 |
| 25 | 69 | 46 | 58 | 71 | 44 | 58 | 0 | 87 | 1950 | 32 | 1952 | 0.00 | 0.0 | 0 | 7 | 0 |
| 26 | 71 | 47 | 59 | 71 | 44 | 58 | 1 | 87 | 1995 | M | M | 0.00 | 0.0 | 0 | 6 | 0 |
| 27 | 71 | 51 | 61 | 71 | 44 | 57 | 4 | 86 | 1954 | M | M | 0.00 | 0.0 | 0 | 4 | 0 |
| 28 | 71 | 46 | 59 | 70 | 43 | 57 | 2 | 83 | 1949 | 30 | 1994 | 0.00 | 0.0 | 0 | 6 | 0 |
| 29 | 72 | 46 | 59 | 70 | 43 | 56 | 3 | 83 | 1953 | 33 | 1976 | 0.00 | 0.0 | 0 | 6 | 0 |
| 30 | 73 | 49 | 61 | 69 | 43 | 56 | 5 | M | M | 32 | 1975 | 0.00 | 0.0 | 0 | 4 | 0 |

M = Missing

Actual Conditions For December 2013

Choose another month / year: _Month

Year

GO

Reports from: BLYTHE, CA [BLH]

Choose another location: Postal Code or City

GO

(Lat: 33.62 Lon:-114.72)

Enter a Different Station: station

GO

| Obs. Date | Act. High | Act. Low | Act. Avg | Norm. High | Norm. Low | Norm. Avg. | Norm. Dept. | Rec. High | Rec. Year | Rec. Low | Rec. Year | Precip. Amt | Snow Amt. | Snow Ground | Heat Deg Day | Cool Deg Day |
|-----------|-----------|----------|----------|------------|-----------|------------|-------------|-----------|-----------|----------|-----------|-------------|-----------|-------------|--------------|--------------|
| 1 | 74 | 49 | 62 | 69 | 43 | 56 | 6 | M | M | 33 | 1952 | 0.00 | 0.0 | 0 | 3 | 0 |
| 2 | 68 | 44 | 56 | 69 | 42 | 55 | 1 | 82 | 1959 | 30 | 1991 | 0.00 | 0.0 | 0 | 9 | 0 |
| 3 | 78 | 45 | 62 | 68 | 42 | 55 | 7 | 83 | 1958 | 32 | 1991 | 0.00 | 0.0 | 0 | 3 | 0 |
| 4 | 64 | 44 | 54 | 68 | 42 | 55 | -1 | M | M | M | M | 0.00 | 0.0 | 0 | 11 | 0 |
| 5 | 56 | 37 | 47 | 68 | 42 | 55 | -8 | 80 | 1962 | M | M | 0.00 | 0.0 | 0 | 18 | 0 |
| 6 | 57 | 33 | 45 | 67 | 41 | 54 | -9 | 81 | 1966 | 32 | 1972 | 0.00 | 0.0 | 0 | 20 | 0 |
| 7 | 63 | 35 | 49 | 67 | 41 | 54 | -5 | 79 | 1995 | M | M | 0.00 | 0.0 | 0 | 16 | 0 |
| 8 | 55 | 39 | 47 | 67 | 41 | 54 | -7 | 78 | 1996 | 29 | 1978 | 0.00 | 0.0 | 0 | 18 | 0 |
| 9 | 52 | 34 | 43 | 66 | 41 | 54 | -11 | 80 | 1962 | 26 | 1978 | 0.00 | 0.0 | 0 | 22 | 0 |
| 10 | 56 | 32 | 44 | 66 | 41 | 54 | -10 | 82 | 1950 | 25 | 1971 | 0.00 | 0.0 | 0 | 21 | 0 |
| 11 | 62 | 34 | 48 | 66 | 41 | 53 | -5 | 81 | 1958 | 31 | 1994 | 0.00 | 0.0 | 0 | 17 | 0 |
| 12 | 71 | 42 | 57 | 66 | 41 | 53 | 4 | M | M | 24 | 1971 | 0.00 | 0.0 | 0 | 8 | 0 |
| 13 | 67 | 43 | 55 | 66 | 40 | 53 | 2 | 80 | 1995 | 30 | 1985 | 0.00 | 0.0 | 0 | 10 | 0 |
| 14 | 69 | 45 | 57 | 66 | 40 | 53 | 4 | 78 | 1952 | 29 | 2001 | 0.00 | 0.0 | 0 | 8 | 0 |
| 15 | 71 | 43 | 57 | 65 | 40 | 53 | 4 | 81 | 1977 | 24 | 1971 | 0.00 | 0.0 | 0 | 8 | 0 |
| 16 | 76 | 47 | 62 | 65 | 40 | 53 | 9 | 85 | 1980 | 26 | 2005 | 0.00 | 0.0 | 0 | 3 | 0 |
| 17 | 72 | 47 | 60 | 65 | 40 | 53 | 7 | 82 | 1998 | 29 | 2005 | 0.00 | 0.0 | 0 | 5 | 0 |
| 18 | 70 | 49 | 60 | 65 | 40 | 53 | 7 | 77 | 1950 | 30 | 1968 | 0.00 | 0.0 | 0 | 5 | 0 |
| 19 | 68 | 51 | 60 | 65 | 40 | 53 | 7 | 76 | 1999 | 25 | 1968 | 0.00 | 0.0 | 0 | 5 | 0 |
| 20 | 67 | 47 | 57 | 65 | 40 | 53 | 4 | 79 | 1950 | 29 | 2006* | 0.01 | 0.0 | 0 | 8 | 0 |
| 21 | 67 | 41 | 54 | 65 | 40 | 53 | 1 | 76 | 1950 | 29 | 1968 | 0.00 | 0.0 | 0 | 11 | 0 |
| 22 | 67 | 38 | 53 | 65 | 40 | 53 | 0 | 77 | 1955 | 24 | 1968 | 0.00 | 0.0 | 0 | 12 | 0 |
| 23 | 69 | 43 | 56 | 65 | 40 | 53 | 3 | 82 | 1955 | 27 | 1968 | 0.00 | 0.0 | 0 | 9 | 0 |
| 24 | 73 | 44 | 59 | 65 | 40 | 53 | 6 | 81 | 2005 | 30 | 1968 | 0.00 | 0.0 | 0 | 6 | 0 |
| 25 | 73 | 50 | 62 | 65 | 41 | 53 | 9 | 77 | 1980 | 30 | 1953 | 0.00 | 0.0 | 0 | 3 | 0 |
| 26 | 72 | 42 | 57 | 65 | 41 | 53 | 4 | 79 | 1980 | 30 | 2002 | 0.00 | 0.0 | 0 | 8 | 0 |
| 27 | 71 | 39 | 55 | 65 | 41 | 53 | 2 | 80 | 1980 | 25 | 1987 | 0.00 | 0.0 | 0 | 10 | 0 |
| 28 | 64 | 39 | 52 | 65 | 41 | 53 | -1 | 80 | 1980 | 27 | 1988 | 0.00 | 0.0 | 0 | 13 | 0 |
| 29 | 69 | 40 | 55 | 65 | 41 | 53 | 2 | 87 | 1980 | 28 | 2003 | 0.00 | 0.0 | 0 | 10 | 0 |
| 30 | 67 | 37 | 52 | 66 | 41 | 53 | -1 | 83 | 1980 | 27 | 1988 | 0.00 | 0.0 | 0 | 13 | 0 |
| 31 | 68 | 34 | 51 | 66 | 41 | 53 | -2 | 79 | 1980 | 26 | 1988 | 0.00 | 0.0 | 0 | 14 | 0 |

M = Missing

Actual Conditions For January 2014

Choose another month / year: Month Year

Reports from: BLYTHE, CA [BLH]

Choose another location: Postal Code or City

(Lat: 33.62 Lon:-114.72)

Enter a Different Station: station

| Obs. Date | Act. High | Act. Low | Act. Avg | Norm. High | Norm. Low | Norm. Avg. | Norm. Dept. | Rec. High | Rec. Year | Rec. Low | Rec. Year | Precip. Amt | Snow Amt. | Snow Ground | Heat Deg Day | Cool Deg Day |
|-----------|-----------|----------|----------|------------|-----------|------------|-------------|-----------|-----------|----------|-----------|-------------|-----------|-------------|--------------|--------------|
| 1 | 70 | 35 | 53 | 66 | 41 | 53 | 0 | 82 | 1981 | 24 | 1976 | 0.00 | 0.0 | 0 | 12 | 0 |
| 2 | 73 | 41 | 57 | 66 | 41 | 54 | 3 | 80 | 1981 | 28 | 1979 | 0.00 | 0.0 | 0 | 8 | 0 |
| 3 | 71 | 39 | 55 | 66 | 41 | 54 | 1 | 78 | 1997 | 21 | 1974 | 0.00 | 0.0 | 0 | 10 | 0 |
| 4 | 69 | 43 | 56 | 66 | 41 | 54 | 2 | 80 | 1981 | 23 | 1950 | 0.00 | 0.0 | 0 | 9 | 0 |
| 5 | 69 | 49 | 59 | 66 | 41 | 54 | 5 | 79 | 1981 | 22 | 1972 | 0.00 | 0.0 | 0 | 6 | 0 |
| 6 | 67 | 40 | 54 | 66 | 42 | 54 | 0 | 80 | 1962 | 25 | 1950 | 0.00 | 0.0 | 0 | 11 | 0 |
| 7 | 65 | 37 | 51 | 67 | 42 | 54 | -3 | 85 | 1962 | 24 | 1971 | 0.00 | 0.0 | 0 | 14 | 0 |
| 8 | 67 | 38 | 53 | 67 | 42 | 54 | -1 | 84 | 1962 | 20 | 1971 | 0.00 | 0.0 | 0 | 12 | 0 |
| 9 | 68 | 38 | 53 | 67 | 42 | 54 | -1 | 80 | 1962 | 25 | 1971 | 0.00 | 0.0 | 0 | 12 | 0 |
| 10 | 69 | 39 | 54 | 67 | 42 | 54 | 0 | 80 | 1962 | 26 | 1971 | 0.00 | 0.0 | 0 | 11 | 0 |
| 11 | 71 | 40 | 56 | 67 | 42 | 55 | 1 | 80 | 1986 | 27 | 1950 | 0.00 | 0.0 | 0 | 9 | 0 |
| 12 | 75 | 44 | 60 | 67 | 42 | 55 | 5 | 79 | 1983 | 26 | 1962 | 0.00 | 0.0 | 0 | 5 | 0 |
| 13 | 74 | 48 | 61 | 67 | 42 | 55 | 6 | 78 | 1996 | M | M | 0.00 | 0.0 | 0 | 4 | 0 |
| 14 | 78 | 49 | 64 | 68 | 42 | 55 | 9 | 80 | 1983 | M | M | 0.00 | 0.0 | 0 | 1 | 0 |
| 15 | 78 | 48 | 63 | 68 | 42 | 55 | 8 | M | M | 28 | 1987 | 0.00 | 0.0 | 0 | 2 | 0 |
| 16 | 80 | 47 | 64 | 68 | 42 | 55 | 9 | 83 | 1976 | 29 | 1964 | 0.00 | 0.0 | 0 | 1 | 0 |
| 17 | 79 | 46 | 63 | 68 | 42 | 55 | 8 | M | M | M | M | 0.00 | 0.0 | 0 | 2 | 0 |
| 18 | 75 | 44 | 60 | 68 | 43 | 55 | 5 | 85 | 1971 | 30 | 2002 | 0.00 | 0.0 | 0 | 5 | 0 |
| 19 | 71 | 41 | 56 | 68 | 43 | 55 | 1 | 84 | 1971 | 29 | 1990 | 0.00 | 0.0 | 0 | 9 | 0 |
| 20 | 74 | 38 | 56 | 68 | 43 | 55 | 1 | 83 | 1971 | M | M | 0.00 | 0.0 | 0 | 9 | 0 |
| 21 | 78 | 43 | 61 | 68 | 43 | 56 | 5 | M | M | 30 | 1973 | 0.00 | 0.0 | 0 | 4 | 0 |
| 22 | 76 | 48 | 62 | 69 | 43 | 56 | 6 | 79 | 1994 | 31 | 1987 | 0.00 | 0.0 | 0 | 3 | 0 |
| 23 | 75 | 41 | 58 | 69 | 43 | 56 | 2 | 82 | 1950 | 30 | 1972 | 0.00 | 0.0 | 0 | 7 | 0 |
| 24 | 72 | 51 | 62 | 69 | 43 | 56 | 6 | 82 | 1951 | 29 | 1996 | 0.00 | 0.0 | 0 | 3 | 0 |
| 25 | 76 | 52 | 64 | 69 | 43 | 56 | 8 | 89 | 1951 | 31 | 1972 | 0.00 | 0.0 | 0 | 1 | 0 |
| 26 | 75 | 46 | 61 | 69 | 43 | 56 | 5 | 81 | 2003 | 30 | 2002 | 0.00 | 0.0 | 0 | 4 | 0 |
| 27 | 78 | 53 | 66 | 69 | 43 | 56 | 10 | 79 | 2003 | 29 | 1972 | 0.00 | 0.0 | 0 | 0 | 1 |
| 28 | 80 | 44 | 62 | 69 | 43 | 56 | 6 | M | M | 29 | 1972 | 0.00 | 0.0 | 0 | 3 | 0 |
| 29 | 78 | 47 | 63 | 69 | 43 | 56 | 7 | 81 | 1953 | 30 | 1975 | 0.00 | 0.0 | 0 | 2 | 0 |
| 30 | 82 | 53 | 68 | 70 | 43 | 56 | 12 | 83 | 2003 | 26 | 1949 | 0.00 | 0.0 | 0 | 0 | 3 |
| 31 | 71 | 54 | 63 | 70 | 44 | 57 | 6 | 86 | 2003 | 30 | 1972 | 0.00 | 0.0 | 0 | 2 | 0 |

M = Missing

Actual Conditions For February 2014

Choose another month / year: Month Year

Reports from: BLYTHE, CA [BLH]

Choose another location:

(Lat: 33.62 Lon:-114.72)

Enter a Different Station:

| Obs. Date | Act. High | Act. Low | Act. Avg | Norm. High | Norm. Low | Norm. Avg. | Norm. Dept. | Rec. High | Rec. Year | Rec. Low | Rec. Year | Precip. Amt | Snow Amt. | Snow Ground | Heat Deg Day | Cool Deg Day |
|-----------|-----------|----------|----------|------------|-----------|------------|-------------|-----------|-----------|----------|-----------|-------------|-----------|-------------|--------------|--------------|
| 1 | 64 | 43 | 54 | 70 | 44 | 57 | -3 | 84 | 2003 | 28 | 2002 | 0.00 | 0.0 | 0 | 11 | 0 |
| 2 | 62 | 37 | 50 | 70 | 44 | 57 | -7 | 85 | 1963 | 31 | 1951 | 0.00 | 0.0 | 0 | 15 | 0 |
| 3 | 65 | 44 | 55 | 70 | 44 | 57 | -2 | 84 | 1963 | 23 | 1972 | 0.00 | 0.0 | 0 | 10 | 0 |
| 4 | 64 | 39 | 52 | 70 | 44 | 57 | -5 | 84 | 1963 | M | M | 0.00 | 0.0 | 0 | 13 | 0 |
| 5 | 68 | 49 | 59 | 70 | 44 | 57 | 2 | 87 | 1983 | 33 | 1956 | 0.00 | 0.0 | 0 | 6 | 0 |
| 6 | 70 | 46 | 58 | 70 | 44 | 57 | 1 | 88 | 1963 | 30 | 1989 | 0.00 | 0.0 | 0 | 7 | 0 |
| 7 | 70 | 45 | 58 | 71 | 44 | 57 | 1 | 89 | 1996 | 31 | 1989 | 0.00 | 0.0 | 0 | 7 | 0 |
| 8 | 74 | 47 | 61 | 71 | 44 | 58 | 3 | 88 | 1963 | 35 | 2002 | 0.00 | 0.0 | 0 | 4 | 0 |
| 9 | 80 | 46 | 63 | 71 | 45 | 58 | 5 | 86 | 1996 | 30 | 1949 | 0.00 | 0.0 | 0 | 2 | 0 |
| 10 | 82 | 50 | 66 | 71 | 45 | 58 | 8 | 87 | 1951 | 32 | 1986 | 0.00 | 0.0 | 0 | 0 | 1 |
| 11 | 80 | 56 | 68 | 71 | 45 | 58 | 10 | 90 | 1957 | 33 | 1986 | 0.00 | 0.0 | 0 | 0 | 3 |
| 12 | 81 | 49 | 65 | 71 | 45 | 58 | 7 | 85 | 1971 | 29 | 1965 | 0.00 | 0.0 | 0 | 0 | 0 |
| 13 | 82 | 47 | 65 | 72 | 45 | 58 | 7 | 90 | 1957 | 31 | 1972 | 0.00 | 0.0 | 0 | 0 | 0 |
| 14 | 84 | 46 | 65 | 72 | 45 | 59 | 6 | 86 | 1957 | 31 | 1966 | 0.00 | 0.0 | 0 | 0 | 0 |
| 15 | 86 | 47 | 67 | 72 | 46 | 59 | 8 | M | M | 26 | 1990 | 0.00 | 0.0 | 0 | 0 | 2 |
| 16 | 81 | 53 | 67 | 72 | 46 | 59 | 8 | 87 | 1981 | 22 | 1990 | 0.00 | 0.0 | 0 | 0 | 2 |
| 17 | 85 | 46 | 66 | 72 | 46 | 59 | 7 | 88 | 1981 | 31 | 1956 | 0.00 | 0.0 | 0 | 0 | 1 |
| 18 | 84 | 50 | 67 | 73 | 46 | 59 | 8 | 93 | 1981 | 35 | 1967 | 0.00 | 0.0 | 0 | 0 | 2 |
| 19 | 84 | 50 | 67 | 73 | 46 | 60 | 7 | 90 | 1981 | 31 | 1956 | 0.00 | 0.0 | 0 | 0 | 2 |
| 20 | 77 | 54 | 66 | 73 | 47 | 60 | 6 | 86 | 1981 | 32 | 1990 | 0.00 | 0.0 | 0 | 0 | 1 |
| 21 | 77 | 51 | 64 | 73 | 47 | 60 | 4 | 92 | 1977 | 32 | 1953 | 0.00 | 0.0 | 0 | 1 | 0 |
| 22 | 77 | 45 | 61 | 73 | 47 | 60 | 1 | 88 | 1982 | 32 | 1955 | 0.00 | 0.0 | 0 | 4 | 0 |
| 23 | 82 | 46 | 64 | 74 | 47 | 60 | 4 | 87 | 2002 | 31 | 1953 | 0.00 | 0.0 | 0 | 1 | 0 |
| 24 | 81 | 47 | 64 | 74 | 47 | 61 | 3 | 90 | 1986 | 34 | 1996 | 0.00 | 0.0 | 0 | 1 | 0 |
| 25 | 79 | 48 | 64 | 74 | 48 | 61 | 3 | 93 | 1986 | 32 | 1960 | 0.00 | 0.0 | 0 | 1 | 0 |
| 26 | 80 | 50 | 65 | 74 | 48 | 61 | 4 | 92 | 1986 | 35 | 1977 | 0.00 | 0.0 | 0 | 0 | 0 |
| 27 | 82 | 52 | 67 | 75 | 48 | 61 | 6 | 93 | 1986 | 30 | 1996 | 0.00 | 0.0 | 0 | 0 | 2 |
| 28 | 82 | 61 | 72 | 75 | 48 | 61 | 11 | 93 | 1986 | 31 | 1962 | 0.07 | 0.0 | 0 | 0 | 7 |

M = Missing

Actual Conditions For March 2014

Choose another month / year: Month Year

Reports from: BLYTHE, CA [BLH]

Choose another location: Postal Code or City

(Lat: 33.62 Lon:-114.72)

Enter a Different Station: station

| Obs. Date | Act. High | Act. Low | Act. Avg | Norm. High | Norm. Low | Norm. Avg. | Norm. Dept. | Rec. High | Rec. Year | Rec. Low | Rec. Year | Precip. Amt | Snow Amt. | Snow Ground | Heat Deg Day | Cool Deg Day |
|-----------|-----------|----------|----------|------------|-----------|------------|-------------|-----------|-----------|----------|-----------|-------------|-----------|-------------|--------------|--------------|
| 1 | 70 | 54 | 62 | 75 | 48 | 62 | 0 | 90 | 1986 | 34 | 1962 | 0.04 | 0.0 | 0 | 3 | 0 |
| 2 | 71 | 45 | 58 | 75 | 48 | 62 | -4 | M | M | 36 | 1997 | 0.00 | 0.0 | 0 | 7 | 0 |
| 3 | 77 | 48 | 63 | 76 | 49 | 62 | 1 | 90 | 1986 | 31 | 1971 | 0.00 | 0.0 | 0 | 2 | 0 |
| 4 | 80 | 56 | 68 | 76 | 49 | 62 | 6 | 88 | 1986 | 31 | 2002 | 0.00 | 0.0 | 0 | 0 | 3 |
| 5 | 83 | 55 | 69 | 76 | 49 | 63 | 6 | 91 | 1986 | 33 | 2002 | 0.00 | 0.0 | 0 | 0 | 4 |
| 6 | 86 | 59 | 73 | 76 | 49 | 63 | 10 | 92 | 1986 | 36 | 1977 | 0.00 | 0.0 | 0 | 0 | 8 |
| 7 | 84 | 58 | 71 | 77 | 49 | 63 | 8 | 90 | 1960 | 37 | 1982 | 0.00 | 0.0 | 0 | 0 | 6 |
| 8 | 82 | 62 | 72 | 77 | 49 | 63 | 9 | 91 | 1957 | 35 | 1969 | 0.00 | 0.0 | 0 | 0 | 7 |
| 9 | 83 | 55 | 69 | 77 | 50 | 63 | 6 | 92 | 2004 | 34 | 1964 | 0.00 | 0.0 | 0 | 0 | 4 |
| 10 | 86 | 47 | 67 | 77 | 50 | 64 | 3 | 95 | 1997 | M | M | 0.00 | 0.0 | 0 | 0 | 2 |
| 11 | 79 | 54 | 67 | 78 | 50 | 64 | 3 | 93 | 1997 | 38 | 1969 | 0.00 | 0.0 | 0 | 0 | 2 |
| 12 | 79 | 53 | 66 | 78 | 50 | 64 | 2 | M | M | 37 | 1990 | 0.00 | 0.0 | 0 | 0 | 1 |
| 13 | 81 | 52 | 67 | 78 | 50 | 64 | 3 | M | M | 30 | 1956 | 0.00 | 0.0 | 0 | 0 | 2 |
| 14 | 86 | 55 | 71 | 78 | 50 | 64 | 7 | M | M | 38 | 1952 | 0.00 | 0.0 | 0 | 0 | 6 |
| 15 | 88 | 55 | 72 | 79 | 50 | 64 | 8 | 94 | 2004 | 34 | 1977 | 0.00 | 0.0 | 0 | 0 | 7 |
| 16 | 86 | 59 | 73 | 79 | 51 | 65 | 8 | M | M | 36 | 1963 | 0.00 | 0.0 | 0 | 0 | 8 |
| 17 | 93 | 51 | 72 | 79 | 51 | 65 | 7 | M | M | 36 | 2002 | 0.00 | 0.0 | 0 | 0 | 7 |
| 18 | 77 | 56 | 67 | 79 | 51 | 65 | 2 | 94 | 1997 | 37 | 1979 | 0.00 | 0.0 | 0 | 0 | 2 |
| 19 | 81 | 50 | 66 | 79 | 51 | 65 | 1 | 96 | 1997 | 39 | 1977 | 0.00 | 0.0 | 0 | 0 | 1 |
| 20 | 81 | 46 | 64 | 80 | 51 | 65 | -1 | 99 | 2004 | M | M | 0.00 | 0.0 | 0 | 1 | 0 |
| 21 | 86 | 47 | 67 | 80 | 51 | 66 | 1 | 100 | 2004 | 40 | 1987 | 0.00 | 0.0 | 0 | 0 | 2 |
| 22 | 84 | 52 | 68 | 80 | 51 | 66 | 2 | 98 | 2004 | 39 | 2006* | 0.00 | 0.0 | 0 | 0 | 3 |
| 23 | 86 | 53 | 70 | 80 | 51 | 66 | 4 | 95 | 1956 | M | M | 0.00 | 0.0 | 0 | 0 | 5 |
| 24 | 91 | 54 | 73 | 81 | 51 | 66 | 7 | 95 | 1956 | 37 | 1995 | 0.00 | 0.0 | 0 | 0 | 8 |
| 25 | 91 | 54 | 73 | 81 | 52 | 66 | 7 | 96 | 1981 | 41 | 1964 | 0.00 | 0.0 | 0 | 0 | 8 |
| 26 | 79 | 59 | 69 | 81 | 52 | 66 | 3 | 96 | 1988 | 40 | 1995 | 0.00 | 0.0 | 0 | 0 | 4 |
| 27 | 76 | 49 | 63 | 81 | 52 | 67 | -4 | 100 | 1986 | 36 | 1975 | 0.00 | 0.0 | 0 | 2 | 0 |
| 28 | 82 | 50 | 66 | 82 | 52 | 67 | -1 | 95 | 1986 | 40 | 1972 | 0.00 | 0.0 | 0 | 0 | 1 |
| 29 | 88 | 51 | 70 | 82 | 52 | 67 | 3 | 95 | 1971 | 37 | 1972 | 0.00 | 0.0 | 0 | 0 | 5 |
| 30 | 83 | 60 | 72 | 82 | 52 | 67 | 5 | 100 | 1971 | 38 | 1998 | 0.00 | 0.0 | 0 | 0 | 7 |
| 31 | 84 | 52 | 68 | 82 | 53 | 67 | 1 | M | M | 38 | 1972 | 0.00 | 0.0 | 0 | 0 | 3 |

M = Missing

Actual Conditions For April 2014

Choose another month / year: Month Year GO

Reports from: BLYTHE, CA [BLH]

Choose another location: Postal Code or City GO

(Lat: 33.62 Lon:-114.72)

Enter a Different Station: station GO

| Obs. Date | Act. High | Act. Low | Act. Avg | Norm. High | Norm. Low | Norm. Avg. | Norm. Dept. | Rec. High | Rec. Year | Rec. Low | Rec. Year | Precip. Amt | Snow Amt. | Snow Ground | Heat Deg Day | Cool Deg Day |
|-----------|-----------|----------|----------|------------|-----------|------------|-------------|-----------|-----------|----------|-----------|-------------|-----------|-------------|--------------|--------------|
| 1 | 77 | 54 | 66 | 83 | 53 | 68 | -2 | M | M | M | M | 0.00 | 0.0 | 0 | 0 | 1 |
| 2 | 71 | 50 | 61 | 83 | 53 | 68 | -7 | 98 | 1966 | 40 | 1975 | 0.00 | 0.0 | 0 | 4 | 0 |
| 3 | 76 | 48 | 62 | 83 | 53 | 68 | -6 | 101 | 1961 | 40 | 1975 | 0.00 | 0.0 | 0 | 3 | 0 |
| 4 | 81 | 46 | 64 | 83 | 53 | 68 | -4 | 106 | 1961 | 41 | 1977 | 0.00 | 0.0 | 0 | 1 | 0 |
| 5 | 79 | 51 | 65 | 84 | 53 | 69 | -4 | 100 | 1989 | 42 | 1983 | 0.00 | 0.0 | 0 | 0 | 0 |
| 6 | 86 | 58 | 72 | 84 | 54 | 69 | 3 | 103 | 1989 | 43 | 2006 | 0.00 | 0.0 | 0 | 0 | 7 |
| 7 | 90 | 53 | 72 | 84 | 54 | 69 | 3 | 105 | 1989 | 44 | 1964 | 0.00 | 0.0 | 0 | 0 | 7 |
| 8 | 95 | 56 | 76 | 84 | 54 | 69 | 7 | 107 | 1989 | 42 | 1999 | 0.00 | 0.0 | 0 | 0 | 11 |
| 9 | 98 | 59 | 79 | 85 | 54 | 70 | 9 | 102 | 1989 | M | M | 0.00 | 0.0 | 0 | 0 | 14 |
| 10 | 99 | 62 | 81 | 85 | 55 | 70 | 11 | 101 | 1960 | 38 | 1975 | 0.00 | 0.0 | 0 | 0 | 16 |
| 11 | 99 | 67 | 83 | 85 | 55 | 70 | 13 | M | M | 44 | 2001 | 0.00 | 0.0 | 0 | 0 | 18 |
| 12 | 91 | 58 | 75 | 86 | 55 | 70 | 5 | 100 | 1990 | 44 | 1967 | 0.00 | 0.0 | 0 | 0 | 10 |
| 13 | 92 | 58 | 75 | 86 | 55 | 71 | 4 | 103 | 1985 | 40 | 1983 | 0.00 | 0.0 | 0 | 0 | 10 |
| 14 | 87 | 63 | 75 | 86 | 56 | 71 | 4 | 104 | 2002 | 46 | 1983 | 0.00 | 0.0 | 0 | 0 | 10 |
| 15 | 91 | 54 | 73 | 86 | 56 | 71 | 2 | 104 | 1962 | M | M | 0.00 | 0.0 | 0 | 0 | 8 |
| 16 | 95 | 61 | 78 | 87 | 56 | 71 | 7 | 104 | 1984 | M | M | 0.00 | 0.0 | 0 | 0 | 13 |
| 17 | 92 | 60 | 76 | 87 | 57 | 72 | 4 | 103 | 1987 | 44 | 1976 | 0.00 | 0.0 | 0 | 0 | 11 |
| 18 | 85 | 65 | 75 | 87 | 57 | 72 | 3 | 104 | 1954 | 41 | 1963 | 0.00 | 0.0 | 0 | 0 | 10 |
| 19 | 89 | 66 | 78 | 88 | 57 | 72 | 6 | 106 | 1980 | 44 | 1968 | 0.00 | 0.0 | 0 | 0 | 13 |
| 20 | 94 | 67 | 81 | 88 | 58 | 73 | 8 | 103 | 1980 | 46 | 1995 | 0.00 | 0.0 | 0 | 0 | 16 |
| 21 | 99 | 65 | 82 | 88 | 58 | 73 | 9 | M | M | 42 | 1967 | 0.00 | 0.0 | 0 | 0 | 17 |
| 22 | 93 | 65 | 79 | 89 | 58 | 73 | 6 | M | M | 41 | 1970 | 0.00 | 0.0 | 0 | 0 | 14 |
| 23 | 88 | 58 | 73 | 89 | 58 | 74 | -1 | 106 | 1949 | M | M | 0.00 | 0.0 | 0 | 0 | 8 |
| 24 | 91 | 58 | 75 | 89 | 59 | 74 | 1 | 105 | 1996 | 46 | 1964 | 0.00 | 0.0 | 0 | 0 | 10 |
| 25 | 91 | 65 | 78 | 89 | 59 | 74 | 4 | 102 | 1987 | 46 | 1989 | 0.00 | 0.0 | 0 | 0 | 13 |
| 26 | 77 | 58 | 68 | 90 | 59 | 75 | -7 | 106 | 1996 | 48 | 1971 | 0.00 | 0.0 | 0 | 0 | 3 |
| 27 | 83 | 50 | 67 | 90 | 60 | 75 | -8 | 106 | 1987 | 45 | 1963 | 0.00 | 0.0 | 0 | 0 | 2 |
| 28 | 90 | 56 | 73 | 90 | 60 | 75 | -2 | 106 | 1992 | 44 | 1970 | 0.00 | 0.0 | 0 | 0 | 8 |
| 29 | 87 | 70 | 79 | 91 | 60 | 76 | 3 | 107 | 1992 | 45 | 1984 | 0.00 | 0.0 | 0 | 0 | 14 |
| 30 | 88 | 68 | 78 | 91 | 61 | 76 | 2 | 105 | 1992 | 46 | 1967 | 0.00 | 0.0 | 0 | 0 | 13 |

M = Missing

Actual Conditions For May 2014

Choose another month / year: Month Year GO

Reports from: BLYTHE, CA [BLH]

Choose another location: Postal Code or City GO

(Lat: 33.62 Lon:-114.72)

Enter a Different Station: station GO

| Obs. Date | Act. High | Act. Low | Act. Avg | Norm. High | Norm. Low | Norm. Avg. | Norm. Dept. | Rec. High | Rec. Year | Rec. Low | Rec. Year | Precip. Amt | Snow Amt. | Snow Ground | Heat Deg Day | Cool Deg Day |
|-----------|-----------|----------|----------|------------|-----------|------------|-------------|-----------|-----------|----------|-----------|-------------|-----------|-------------|--------------|--------------|
| 1 | 93 | 66 | 80 | 91 | 61 | 76 | 4 | 105 | 1985 | 49 | 1990 | 0.00 | 0.0 | 0 | 0 | 15 |
| 2 | 99 | 60 | 80 | 92 | 61 | 76 | 4 | 105 | 1966 | 48 | 1967 | 0.00 | 0.0 | 0 | 0 | 15 |
| 3 | 103 | 63 | 83 | 92 | 62 | 77 | 6 | M | M | 50 | 1991 | 0.00 | 0.0 | 0 | 0 | 18 |
| 4 | 103 | 66 | 85 | 92 | 62 | 77 | 8 | 105 | 2004 | 49 | 1999 | 0.00 | 0.0 | 0 | 0 | 20 |
| 5 | 98 | 65 | 82 | 93 | 62 | 77 | 5 | 105 | 1997 | 45 | 1964 | 0.00 | 0.0 | 0 | 0 | 17 |
| 6 | 80 | 61 | 71 | 93 | 62 | 78 | -7 | 108 | 1987 | 47 | 1988 | 0.00 | 0.0 | 0 | 0 | 6 |
| 7 | 84 | 52 | 68 | 93 | 63 | 78 | -10 | 108 | 1989 | 46 | 1988 | 0.00 | 0.0 | 0 | 0 | 3 |
| 8 | 87 | 57 | 72 | 93 | 63 | 78 | -6 | 109 | 2001 | 49 | 1964 | 0.00 | 0.0 | 0 | 0 | 7 |
| 9 | 93 | 61 | 77 | 94 | 63 | 79 | -2 | 108 | 2001 | 50 | 1982 | 0.00 | 0.0 | 0 | 0 | 12 |
| 10 | 94 | 63 | 79 | 94 | 64 | 79 | 0 | 109 | 1960 | 48 | 1977 | 0.00 | 0.0 | 0 | 0 | 14 |
| 11 | 83 | 65 | 74 | 94 | 64 | 79 | -5 | 113 | 1960 | 50 | 1982 | 0.00 | 0.0 | 0 | 0 | 9 |
| 12 | 91 | 60 | 76 | 95 | 64 | 79 | -3 | 112 | 1996 | 50 | 1980 | 0.00 | 0.0 | 0 | 0 | 11 |
| 13 | 92 | 70 | 81 | 95 | 64 | 80 | 1 | 108 | 1996 | 50 | 1962 | 0.00 | 0.0 | 0 | 0 | 16 |
| 14 | 95 | 69 | 82 | 95 | 64 | 80 | 2 | M | M | 50 | 1998 | 0.00 | 0.0 | 0 | 0 | 17 |
| 15 | 101 | 62 | 82 | 96 | 65 | 80 | 2 | M | M | 53 | 1962 | 0.00 | 0.0 | 0 | 0 | 17 |
| 16 | 106 | 66 | 86 | 96 | 65 | 80 | 6 | 109 | 1997 | 52 | 1953 | 0.00 | 0.0 | 0 | 0 | 21 |
| 17 | 107 | 70 | 89 | 96 | 65 | 81 | 8 | 110 | 1997 | 53 | 1977 | 0.00 | 0.0 | 0 | 0 | 24 |
| 18 | 104 | 71 | 88 | 96 | 65 | 81 | 7 | 110 | 1970 | 54 | 1977 | 0.00 | 0.0 | 0 | 0 | 23 |
| 19 | 98 | 69 | 84 | 97 | 66 | 81 | 3 | M | M | M | M | 0.00 | 0.0 | 0 | 0 | 19 |
| 20 | 89 | 63 | 76 | 97 | 66 | 81 | -5 | M | M | 51 | 1949 | 0.00 | 0.0 | 0 | 0 | 11 |
| 21 | 86 | 54 | 70 | 97 | 66 | 82 | -12 | 110 | 2005 | 47 | 1975 | 0.00 | 0.0 | 0 | 0 | 5 |
| 22 | 88 | 63 | 76 | 98 | 66 | 82 | -6 | 113 | 2000 | 45 | 1971 | 0.00 | 0.0 | 0 | 0 | 11 |
| 23 | 91 | 67 | 79 | 98 | 66 | 82 | -3 | 110 | 2001 | 50 | 1971 | 0.01 | 0.0 | 0 | 0 | 14 |
| 24 | 94 | 63 | 79 | 98 | 67 | 82 | -3 | 112 | 2001 | M | M | 0.00 | 0.0 | 0 | 0 | 14 |
| 25 | 100 | 68 | 84 | 99 | 67 | 83 | 1 | 113 | 1951 | 51 | 1980 | 0.00 | 0.0 | 0 | 0 | 19 |
| 26 | 106 | 73 | 90 | 99 | 67 | 83 | 7 | 112 | 1974 | 52 | 1996 | 0.00 | 0.0 | 0 | 0 | 25 |
| 27 | 107 | 74 | 91 | 99 | 67 | 83 | 8 | 114 | 1951 | 50 | 1962 | 0.00 | 0.0 | 0 | 0 | 26 |
| 28 | 107 | 74 | 91 | 99 | 67 | 83 | 8 | 114 | 1983 | 52 | 1971 | 0.00 | 0.0 | 0 | 0 | 26 |
| 29 | 104 | 74 | 89 | 100 | 68 | 84 | 5 | 114 | 2000 | 43 | 1971 | 0.00 | 0.0 | 0 | 0 | 24 |
| 30 | 106 | 72 | 89 | 100 | 68 | 84 | 5 | 113 | 1984 | 56 | 1988 | 0.00 | 0.0 | 0 | 0 | 24 |
| 31 | 108 | 75 | 92 | 100 | 68 | 84 | 8 | M | M | 55 | 1991 | 0.00 | 0.0 | 0 | 0 | 27 |

M = Missing

Blythe, CA

Change Location:

Units: English | [Metric](#)

Table Graph Details

Actual Conditions For June 2014

Choose another month / year:

Month

Year

Reports from: BLYTHE, CA [BLH]

Choose another location:

(Lat: 33.62 Lon:-114.72)

Enter a Different Station:

| Obs. Date | Act. High | Act. Low | Act. Avg | Norm. High | Norm. Low | Norm. Avg. | Norm. Dept. | Rec. High | Rec. Year | Rec. Low | Rec. Year | Precip. Amt | Snow Amt. | Snow Ground | Heat Deg Day | Cool Deg Day |
|-----------|-----------|----------|----------|------------|-----------|------------|-------------|-----------|-----------|----------|-----------|-------------|-----------|-------------|--------------|--------------|
| 1 | 103 | 74 | 89 | 101 | 68 | 84 | 5 | 114 | 2012 | 46 | 1980 | 0.00 | 0.0 | 0 | 0 | 24 |
| 2 | 110 | 71 | 91 | 101 | 68 | 85 | 6 | 112 | 1960 | 56 | 1983 | 0.00 | 0.0 | 0 | 0 | 26 |
| 3 | 102 | 70 | 86 | 101 | 69 | 85 | 1 | 113 | 1996 | 55 | 1971 | 0.00 | 0.0 | 0 | 0 | 21 |
| 4 | 105 | 72 | 89 | 102 | 69 | 85 | 4 | 114 | 1996 | 56 | 1998 | 0.00 | 0.0 | 0 | 0 | 24 |
| 5 | 106 | 68 | 87 | 102 | 69 | 85 | 2 | 116 | 1957 | 55 | 1999 | 0.00 | 0.0 | 0 | 0 | 22 |
| 6 | 108 | 68 | 88 | 102 | 69 | 86 | 2 | 114 | 2002 | 59 | 1993 | 0.00 | 0.0 | 0 | 0 | 23 |
| 7 | 103 | 69 | 86 | 102 | 70 | 86 | 0 | 117 | 1985 | 52 | 1993 | 0.00 | 0.0 | 0 | 0 | 21 |
| 8 | 108 | 72 | 90 | 103 | 70 | 86 | 4 | 118 | 1955 | 58 | 1998 | 0.00 | 0.0 | 0 | 0 | 25 |
| 9 | 110 | 75 | 93 | 103 | 70 | 87 | 6 | 118 | 1955 | 57 | 1995 | 0.00 | 0.0 | 0 | 0 | 28 |
| 10 | 105 | 82 | 94 | 103 | 70 | 87 | 7 | 116 | 1994 | 60 | 1969 | 0.00 | 0.0 | 0 | 0 | 29 |
| 11 | 107 | 74 | 91 | 104 | 71 | 87 | 4 | 114 | 1956 | 56 | 1976 | 0.00 | 0.0 | 0 | 0 | 26 |
| 12 | 109 | 73 | 91 | 104 | 71 | 87 | 4 | 116 | 1956 | 62 | 1998 | 0.00 | 0.0 | 0 | 0 | 26 |
| 13 | 109 | 75 | 92 | 104 | 71 | 88 | 4 | 115 | 1979 | 56 | 1998 | 0.00 | 0.0 | 0 | 0 | 27 |
| 14 | 102 | 70 | 86 | 104 | 72 | 88 | -2 | 117 | 1966 | 59 | 1997 | 0.00 | 0.0 | 0 | 0 | 21 |
| 15 | 103 | 71 | 87 | 105 | 72 | 88 | -1 | 117 | 2000 | 54 | 1962 | 0.00 | 0.0 | 0 | 0 | 22 |
| 16 | 105 | 74 | 90 | 105 | 72 | 89 | 1 | 116 | 1971 | 58 | 1990 | 0.00 | 0.0 | 0 | 0 | 25 |
| 17 | 102 | 76 | 89 | 105 | 73 | 89 | 0 | 116 | 1981 | 57 | 1995 | 0.00 | 0.0 | 0 | 0 | 24 |
| 18 | 98 | 68 | 83 | 106 | 73 | 89 | -6 | 118 | 1981 | 60 | 1995 | 0.00 | 0.0 | 0 | 0 | 18 |
| 19 | 104 | 70 | 87 | 106 | 73 | 90 | -3 | 117 | 1961 | 61 | 1975 | 0.00 | 0.0 | 0 | 0 | 22 |
| 20 | 109 | 73 | 91 | 106 | 74 | 90 | 1 | 118 | 1981 | 58 | 1975 | 0.00 | 0.0 | 0 | 0 | 26 |
| 21 | 109 | 79 | 94 | 106 | 74 | 90 | 4 | 116 | 2008* | 64 | 1975 | 0.00 | 0.0 | 0 | 0 | 29 |
| 22 | 108 | 77 | 93 | 106 | 74 | 90 | 3 | 119 | 1960 | 65 | 2010* | 0.00 | 0.0 | 0 | 0 | 28 |
| 23 | 106 | 70 | 88 | 107 | 75 | 91 | -3 | 118 | 1961 | 63 | 1998 | 0.00 | 0.0 | 0 | 0 | 23 |
| 24 | 107 | 77 | 92 | 107 | 75 | 91 | 1 | 118 | 1994 | 63 | 1998 | 0.00 | 0.0 | 0 | 0 | 27 |
| 25 | 107 | 73 | 90 | 107 | 75 | 91 | -1 | 122 | 1970 | 66 | 1991 | 0.00 | 0.0 | 0 | 0 | 25 |
| 26 | 106 | 79 | 93 | 107 | 76 | 92 | 1 | 122 | 1990 | 61 | 1965 | 0.00 | 0.0 | 0 | 0 | 28 |
| 27 | 103 | 74 | 89 | 107 | 76 | 92 | -3 | 121 | 1973 | 62 | 1996 | 0.00 | 0.0 | 0 | 0 | 24 |
| 28 | 106 | 76 | 91 | 108 | 76 | 92 | -1 | 123 | 1994 | 67 | 1991 | 0.00 | 0.0 | 0 | 0 | 26 |
| 29 | 107 | 81 | 94 | 108 | 77 | 92 | 2 | 121 | 1994 | 67 | 1997 | 0.00 | 0.0 | 0 | 0 | 29 |
| 30 | 109 | 81 | 95 | 108 | 77 | 92 | 3 | 119 | 1972 | 68 | 1997 | 0.00 | 0.0 | 0 | 0 | 30 |

M = Missing

Blythe, CA

Change Location:

Units: English | [Metric](#)

Table Graph Details

Actual Conditions For July 2014 Choose another month / year: Month

Reports from: BLYTHE, CA [BLH] Choose another location:

(Lat: 33.62 Lon:-114.72) Enter a Different Station:

| Obs. Date | Act. High | Act. Low | Act. Avg | Norm. High | Norm. Low | Norm. Avg. | Norm. Dept. | Rec. High | Rec. Year | Rec. Low | Rec. Year | Precip. Amt | Snow Amt. | Snow Ground | Heat Deg Day | Cool Deg Day |
|-----------|-----------|----------|----------|------------|-----------|------------|-------------|-----------|-----------|----------|-----------|-------------|-----------|-------------|--------------|--------------|
| 1 | 109 | 85 | 97 | 108 | 77 | 93 | 4 | 118 | 1972 | 62 | 1982 | 0.00 | 0.0 | 0 | 0 | 32 |
| 2 | 108 | 81 | 95 | 108 | 78 | 93 | 2 | 119 | 2001 | 66 | 1995 | 0.00 | 0.0 | 0 | 0 | 30 |
| 3 | 108 | 86 | 97 | 108 | 78 | 93 | 4 | 119 | 1985 | 67 | 1979 | 0.00 | 0.0 | 0 | 0 | 32 |
| 4 | 103 | 86 | 95 | 108 | 78 | 93 | 2 | 121 | 1989 | 67 | 1956 | 0.00 | 0.0 | 0 | 0 | 30 |
| 5 | 106 | 86 | 96 | 108 | 79 | 93 | 3 | 118 | 1981 | 69 | 1987 | 0.00 | 0.0 | 0 | 0 | 31 |
| 6 | 109 | 83 | 96 | 108 | 79 | 94 | 2 | 117 | 1965 | 67 | 1994 | 0.00 | 0.0 | 0 | 0 | 31 |
| 7 | 111 | 82 | 97 | 108 | 79 | 94 | 3 | 117 | 1985 | 70 | 2005 | 0.00 | 0.0 | 0 | 0 | 32 |
| 8 | 110 | 87 | 99 | 109 | 79 | 94 | 5 | 119 | 1985 | 73 | 1949 | 0.00 | 0.0 | 0 | 0 | 34 |
| 9 | 103 | 84 | 94 | 109 | 80 | 94 | 0 | 118 | 1958 | 70 | 1987 | 0.00 | 0.0 | 0 | 0 | 29 |
| 10 | 109 | 84 | 97 | 109 | 80 | 94 | 3 | 118 | 1973 | 72 | 1986 | 0.00 | 0.0 | 0 | 0 | 32 |
| 11 | 107 | 78 | 93 | 109 | 80 | 94 | -1 | 118 | 1958 | 69 | 1974 | 0.00 | 0.0 | 0 | 0 | 28 |
| 12 | 109 | 77 | 93 | 109 | 80 | 94 | -1 | 118 | 1985 | 71 | 2000 | 0.00 | 0.0 | 0 | 0 | 28 |
| 13 | 112 | 86 | 99 | 109 | 80 | 94 | 5 | 119 | 2005 | 66 | 1962 | 0.00 | 0.0 | 0 | 0 | 34 |
| 14 | 104 | 86 | 95 | 109 | 81 | 95 | 0 | 118 | 2003 | 73 | 2011* | 0.00 | 0.0 | 0 | 0 | 30 |
| 15 | 106 | 80 | 93 | 109 | 81 | 95 | -2 | 117 | 2006* | 71 | 2001 | 0.00 | 0.0 | 0 | 0 | 28 |
| 16 | 110 | 82 | 96 | 108 | 81 | 95 | 1 | 119 | 1960 | 69 | 1993 | 0.00 | 0.0 | 0 | 0 | 31 |
| 17 | 108 | 77 | 93 | 108 | 81 | 95 | -2 | 121 | 2005 | 64 | 1983 | 0.00 | 0.0 | 0 | 0 | 28 |
| 18 | 105 | 80 | 93 | 108 | 81 | 95 | -2 | 118 | 2005 | 67 | 1987 | 0.00 | 0.0 | 0 | 0 | 28 |
| 19 | 106 | 82 | 94 | 108 | 81 | 95 | -1 | 119 | 1961 | 62 | 1987 | 0.00 | 0.0 | 0 | 0 | 29 |
| 20 | 105 | 77 | 91 | 108 | 81 | 95 | -4 | 118 | 1978 | 70 | 1993 | 0.00 | 0.0 | 0 | 0 | 26 |
| 21 | 109 | 75 | 92 | 108 | 81 | 95 | -3 | 118 | 2006 | 69 | 1973 | 0.00 | 0.0 | 0 | 0 | 27 |
| 22 | 112 | 75 | 94 | 108 | 81 | 95 | -1 | 120 | 2006 | 69 | 1995 | 0.00 | 0.0 | 0 | 0 | 29 |
| 23 | 116 | 86 | 101 | 108 | 81 | 95 | 6 | 117 | 1981 | 69 | 1987 | 0.00 | 0.0 | 0 | 0 | 36 |
| 24 | 116 | 87 | 102 | 108 | 81 | 95 | 7 | 117 | 1980 | 73 | 1995 | 0.00 | 0.0 | 0 | 0 | 37 |
| 25 | 111 | 91 | 101 | 108 | 82 | 95 | 6 | 117 | 2000 | 71 | 1993 | 0.00 | 0.0 | 0 | 0 | 36 |
| 26 | 109 | 89 | 99 | 108 | 82 | 95 | 4 | 118 | 1995 | 71 | 1986 | 0.00 | 0.0 | 0 | 0 | 34 |
| 27 | 101 | 84 | 93 | 108 | 82 | 95 | -2 | 120 | 1998 | 72 | 1993 | 0.00 | 0.0 | 0 | 0 | 28 |
| 28 | 108 | 84 | 96 | 108 | 82 | 95 | 1 | 123 | 1995 | 68 | 1987 | 0.00 | 0.0 | 0 | 0 | 31 |
| 29 | 109 | 84 | 97 | 108 | 82 | 95 | 2 | 116 | 1972 | 64 | 1987 | 0.00 | 0.0 | 0 | 0 | 32 |
| 30 | 113 | 87 | 100 | 108 | 82 | 95 | 5 | 117 | 1995 | 73 | 1948 | 0.00 | 0.0 | 0 | 0 | 35 |
| 31 | 114 | 89 | 102 | 108 | 81 | 95 | 7 | 120 | 1972 | 72 | 2001 | 0.00 | 0.0 | 0 | 0 | 37 |

M = Missing

Blythe, CA

Change Location:

Units: English | [Metric](#)

Table Graph Details

Actual Conditions For August 2014 Choose another month / year: Month

Reports from: BLYTHE, CA [BLH] Choose another location:

(Lat: 33.62 Lon:-114.72) Enter a Different Station:

| Obs. Date | Act. High | Act. Low | Act. Avg | Norm. High | Norm. Low | Norm. Avg. | Norm. Dept. | Rec. High | Rec. Year | Rec. Low | Rec. Year | Precip. Amt | Snow Amt. | Snow Ground | Heat Deg Day | Cool Deg Day |
|-----------|-----------|----------|----------|------------|-----------|------------|-------------|-----------|-----------|----------|-----------|-------------|-----------|-------------|--------------|--------------|
| 1 | 110 | 87 | 99 | 108 | 81 | 95 | 4 | 120 | 1972 | 70 | 1959 | 0.00 | 0.0 | 0 | 0 | 34 |
| 2 | 96 | 79 | 88 | 108 | 81 | 94 | -6 | 118 | 1995 | 70 | 1976 | 0.00 | 0.0 | 0 | 0 | 23 |
| 3 | 98 | 76 | 87 | 107 | 81 | 94 | -7 | 118 | 1998 | 68 | 1976 | 0.00 | 0.0 | 0 | 0 | 22 |
| 4 | 97 | 71 | 84 | 107 | 81 | 94 | -10 | 118 | 1969 | 67 | 1976 | 0.00 | 0.0 | 0 | 0 | 19 |
| 5 | 107 | 71 | 89 | 107 | 81 | 94 | -5 | 118 | 2000 | 70 | 1976 | 0.00 | 0.0 | 0 | 0 | 24 |
| 6 | 106 | 75 | 91 | 107 | 81 | 94 | -3 | 118 | 1995 | 66 | 1976 | 0.00 | 0.0 | 0 | 0 | 26 |
| 7 | 105 | 72 | 89 | 107 | 81 | 94 | -5 | 117 | 1980 | 68 | 1988 | 0.00 | 0.0 | 0 | 0 | 24 |
| 8 | 104 | 74 | 89 | 107 | 81 | 94 | -5 | 119 | 1980 | 69 | 1999 | 0.00 | 0.0 | 0 | 0 | 24 |
| 9 | 105 | 78 | 92 | 107 | 81 | 94 | -2 | 115 | 1995 | 68 | 2009 | 0.00 | 0.0 | 0 | 0 | 27 |
| 10 | 107 | 83 | 95 | 107 | 81 | 94 | 1 | 116 | 2003 | 67 | 1949 | 0.00 | 0.0 | 0 | 0 | 30 |
| 11 | 109 | 86 | 98 | 107 | 81 | 94 | 4 | 116 | 1962 | 70 | 1999 | 0.00 | 0.0 | 0 | 0 | 33 |
| 12 | 101 | 82 | 92 | 107 | 81 | 94 | -2 | 116 | 1962 | 69 | 1949 | 0.02 | 0.0 | 0 | 0 | 27 |
| 13 | 99 | 75 | 87 | 107 | 81 | 94 | -7 | 119 | 1960 | 66 | 1993 | 0.06 | 0.0 | 0 | 0 | 22 |
| 14 | 105 | 83 | 94 | 107 | 81 | 94 | 0 | 117 | 1962 | 65 | 1968 | 0.00 | 0.0 | 0 | 0 | 29 |
| 15 | 107 | 82 | 95 | 107 | 80 | 94 | 1 | 115 | 1962 | 64 | 1993 | 0.00 | 0.0 | 0 | 0 | 30 |
| 16 | 108 | 85 | 97 | 107 | 80 | 94 | 3 | 116 | 1992 | 67 | 1980 | 0.00 | 0.0 | 0 | 0 | 32 |
| 17 | 111 | 88 | 100 | 107 | 80 | 94 | 6 | 116 | 1992 | 67 | 1980 | 0.00 | 0.0 | 0 | 0 | 35 |
| 18 | 98 | 82 | 90 | 107 | 80 | 93 | -3 | 115 | 1992 | 64 | 1976 | 0.03 | 0.0 | 0 | 0 | 25 |
| 19 | 106 | 82 | 94 | 107 | 80 | 93 | 1 | 114 | 1973 | 66 | 1976 | 0.00 | 0.0 | 0 | 0 | 29 |
| 20 | 101 | 80 | 91 | 107 | 80 | 93 | -2 | 113 | 1992 | 68 | 1980 | 0.15 | 0.0 | 0 | 0 | 26 |
| 21 | 99 | 69 | 84 | 107 | 80 | 93 | -9 | 116 | 1969 | 69 | 2014 | 0.32 | 0.0 | 0 | 0 | 19 |
| 22 | 92 | 68 | 80 | 107 | 79 | 93 | -13 | 116 | 1972 | 68 | 2014* | 0.00 | 0.0 | 0 | 0 | 15 |
| 23 | 100 | 74 | 87 | 107 | 79 | 93 | -6 | 116 | 2011* | 64 | 1968 | 0.00 | 0.0 | 0 | 0 | 22 |
| 24 | 103 | 72 | 88 | 106 | 79 | 93 | -5 | 119 | 1985 | 66 | 1968 | 0.00 | 0.0 | 0 | 0 | 23 |
| 25 | 104 | 81 | 93 | 106 | 79 | 93 | 0 | 115 | 1985 | 68 | 1973 | 0.00 | 0.0 | 0 | 0 | 28 |
| 26 | 103 | 83 | 93 | 106 | 79 | 93 | 0 | 115 | 2011 | 66 | 1951 | 0.00 | 0.0 | 0 | 0 | 28 |
| 27 | 104 | 79 | 92 | 106 | 79 | 92 | 0 | 115 | 2005 | 67 | 1973 | 0.00 | 0.0 | 0 | 0 | 27 |
| 28 | 109 | 79 | 94 | 106 | 78 | 92 | 2 | 118 | 1998 | 65 | 1973 | 0.00 | 0.0 | 0 | 0 | 29 |
| 29 | 111 | 76 | 94 | 106 | 78 | 92 | 2 | 118 | 1948 | 66 | 1975 | 0.00 | 0.0 | 0 | 0 | 29 |
| 30 | 112 | 76 | 94 | 106 | 78 | 92 | 2 | 116 | 1998 | 62 | 1957 | 0.00 | 0.0 | 0 | 0 | 29 |
| 31 | 111 | 80 | 96 | 106 | 78 | 92 | 4 | 119 | 1950 | 62 | 1992 | 0.00 | 0.0 | 0 | 0 | 31 |

M = Missing

Blythe, CA

Change Location:

Units: English | [Metric](#)

Table Graph Details

Actual Conditions For September 2014

Choose another month / year: Month

Reports from: BLYTHE, CA [BLH]

Choose another location:

(Lat: 33.62 Lon:-114.72)

Enter a Different Station:

| Obs. Date | Act. High | Act. Low | Act. Avg | Norm. High | Norm. Low | Norm. Avg. | Norm. Dept. | Rec. High | Rec. Year | Rec. Low | Rec. Year | Precip. Amt | Snow Amt. | Snow Ground | Heat Deg Day | Cool Deg Day |
|-----------|-----------|----------|----------|------------|-----------|------------|-------------|-----------|-----------|----------|-----------|-------------|-----------|-------------|--------------|--------------|
| 1 | 108 | 80 | 94 | 105 | 78 | 91 | 3 | 121 | 1950 | 64 | 1966 | 0.00 | 0.0 | 0 | 0 | 29 |
| 2 | 110 | 77 | 94 | 105 | 77 | 91 | 3 | 118 | 1948 | 64 | 2000 | 0.00 | 0.0 | 0 | 0 | 29 |
| 3 | 109 | 77 | 93 | 105 | 77 | 91 | 2 | 118 | 1948 | 65 | 1964 | 0.00 | 0.0 | 0 | 0 | 28 |
| 4 | 107 | 80 | 94 | 105 | 77 | 91 | 3 | 115 | 1948 | 61 | 1985 | 0.00 | 0.0 | 0 | 0 | 29 |
| 5 | 102 | 83 | 93 | 105 | 76 | 91 | 2 | 113 | 1955 | 59 | 1976 | 0.00 | 0.0 | 0 | 0 | 28 |
| 6 | 103 | 83 | 93 | 104 | 76 | 90 | 3 | 114 | 1955 | 66 | 1992 | 0.00 | 0.0 | 0 | 0 | 28 |
| 7 | 100 | 83 | 92 | 104 | 76 | 90 | 2 | 112 | 1994 | 60 | 1985 | 0.00 | 0.0 | 0 | 0 | 27 |
| 8 | 98 | 79 | 89 | 104 | 75 | 90 | -1 | 116 | 1979 | 65 | 2010 | 0.01 | 0.0 | 0 | 0 | 24 |
| 9 | 91 | 76 | 84 | 104 | 75 | 89 | -5 | 114 | 1993 | 62 | 1961 | 0.03 | 0.0 | 0 | 0 | 19 |
| 10 | 100 | 77 | 89 | 103 | 75 | 89 | 0 | 114 | 1990 | 63 | 2005 | 0.00 | 0.0 | 0 | 0 | 24 |
| 11 | 104 | 75 | 90 | 103 | 74 | 89 | 1 | 115 | 1990 | 61 | 1985 | 0.00 | 0.0 | 0 | 0 | 25 |
| 12 | 107 | 74 | 91 | 103 | 74 | 88 | 3 | 113 | 1971 | 59 | 1985 | 0.00 | 0.0 | 0 | 0 | 26 |
| 13 | 107 | 75 | 91 | 102 | 74 | 88 | 3 | 112 | 1971 | 58 | 1985 | 0.00 | 0.0 | 0 | 0 | 26 |
| 14 | 107 | 83 | 95 | 102 | 73 | 88 | 7 | 113 | 1971 | 60 | 2005 | 0.00 | 0.0 | 0 | 0 | 30 |
| 15 | 110 | 83 | 97 | 102 | 73 | 87 | 10 | 113 | 2000 | 61 | 2005 | 0.00 | 0.0 | 0 | 0 | 32 |
| 16 | 101 | 80 | 91 | 101 | 73 | 87 | 4 | 110 | 1962 | 61 | 1970 | 0.02 | 0.0 | 0 | 0 | 26 |
| 17 | 98 | 80 | 89 | 101 | 72 | 87 | 2 | 112 | 1962 | 61 | 1977 | 0.00 | 0.0 | 0 | 0 | 24 |
| 18 | 103 | 80 | 92 | 101 | 72 | 86 | 6 | 111 | 1980 | 57 | 1985 | 0.00 | 0.0 | 0 | 0 | 27 |
| 19 | 99 | 74 | 87 | 100 | 71 | 86 | 1 | 113 | 1962 | 56 | 1985 | 0.00 | 0.0 | 0 | 0 | 22 |
| 20 | 102 | 77 | 90 | 100 | 71 | 85 | 5 | 108 | 1962 | 53 | 1971 | 0.00 | 0.0 | 0 | 0 | 25 |
| 21 | 101 | 75 | 88 | 99 | 70 | 85 | 3 | 108 | 2009* | 59 | 1986 | 0.00 | 0.0 | 0 | 0 | 23 |
| 22 | 101 | 71 | 86 | 99 | 70 | 84 | 2 | 110 | 1966 | 55 | 1988 | 0.00 | 0.0 | 0 | 0 | 21 |
| 23 | 104 | 73 | 89 | 99 | 70 | 84 | 5 | 111 | 1966 | 56 | 2007 | 0.00 | 0.0 | 0 | 0 | 24 |
| 24 | 105 | 74 | 90 | 98 | 69 | 84 | 6 | 109 | 2002 | 54 | 1986 | 0.00 | 0.0 | 0 | 0 | 25 |
| 25 | 105 | 75 | 90 | 98 | 69 | 83 | 7 | 110 | 1963 | 59 | 1993 | 0.00 | 0.0 | 0 | 0 | 25 |
| 26 | 99 | 83 | 91 | 97 | 68 | 83 | 8 | 110 | 2010 | 53 | 1971 | 0.05 | 0.0 | 0 | 0 | 26 |
| 27 | 93 | 70 | 82 | 97 | 68 | 82 | 0 | 110 | 2010 | 54 | 1971 | 0.00 | 0.0 | 0 | 0 | 17 |
| 28 | 87 | 64 | 76 | 96 | 67 | 82 | -6 | 108 | 2009 | 55 | 1982 | 0.00 | 0.0 | 0 | 0 | 11 |
| 29 | 90 | 63 | 77 | 96 | 67 | 81 | -4 | 110 | 1980 | 56 | 2013 | 0.00 | 0.0 | 0 | 0 | 12 |
| 30 | 93 | 63 | 78 | 96 | 66 | 81 | -3 | 109 | 1980 | 51 | 2005 | 0.00 | 0.0 | 0 | 0 | 13 |

M = Missing

Blythe, CA

Change Location:

Units: English | [Metric](#)

Table [Graph](#) [Details](#)

Actual Conditions For October 2014 Choose another month / year:

Reports from: BLYTHE, CA [BLH] Choose another location:

(Lat: 33.62 Lon:-114.72) Enter a Different Station:

| Obs. Date | Act. High | Act. Low | Act. Avg | Norm. High | Norm. Low | Norm. Avg. | Norm. Dept. | Rec. High | Rec. Year | Rec. Low | Rec. Year | Precip. Amt | Snow Amt. | Snow Ground | Heat Deg Day | Cool Deg Day |
|-----------|-----------|----------|----------|------------|-----------|------------|-------------|-----------|-----------|----------|-----------|-------------|-----------|-------------|--------------|--------------|
| 1 | 95 | 65 | 80 | 95 | 66 | 81 | -1 | 111 | 1980 | 53 | 1971 | 0.00 | 0.0 | 0 | 0 | 15 |
| 2 | 93 | 68 | 81 | 95 | 66 | 80 | 1 | 111 | 1980 | 52 | 1971 | 0.00 | 0.0 | 0 | 0 | 16 |
| 3 | 98 | 64 | 81 | 94 | 65 | 80 | 1 | 107 | 1987 | 49 | 2002 | 0.00 | 0.0 | 0 | 0 | 16 |
| 4 | 101 | 64 | 83 | 94 | 65 | 79 | 4 | 107 | 1987 | 53 | 2002 | 0.00 | 0.0 | 0 | 0 | 18 |
| 5 | 100 | 65 | 83 | 93 | 64 | 79 | 4 | 108 | 1987 | 52 | 2009 | 0.00 | 0.0 | 0 | 0 | 18 |
| 6 | 94 | 64 | 79 | 93 | 64 | 78 | 1 | 110 | 1987 | 49 | 2009 | 0.00 | 0.0 | 0 | 0 | 14 |
| 7 | 87 | 74 | 81 | 93 | 63 | 78 | 3 | 108 | 1987 | 49 | 2009 | 0.00 | 0.0 | 0 | 0 | 16 |
| 8 | 79 | 68 | 74 | 92 | 63 | 78 | -4 | 106 | 1996 | 51 | 2011 | 0.02 | 0.0 | 0 | 0 | 9 |
| 9 | 92 | 67 | 80 | 92 | 63 | 77 | 3 | 106 | 1996 | 46 | 1949 | 0.01 | 0.0 | 0 | 0 | 15 |
| 10 | 93 | 66 | 80 | 91 | 62 | 77 | 3 | 107 | 1991 | 48 | 1949 | 0.00 | 0.0 | 0 | 0 | 15 |
| 11 | 96 | 68 | 82 | 91 | 62 | 76 | 6 | 105 | 1965 | 50 | 2013 | 0.00 | 0.0 | 0 | 0 | 17 |
| 12 | 99 | 64 | 82 | 91 | 61 | 76 | 6 | 105 | 1999 | 50 | 2000 | 0.00 | 0.0 | 0 | 0 | 17 |
| 13 | 92 | 64 | 78 | 90 | 61 | 76 | 2 | 106 | 1950 | 47 | 1969 | 0.00 | 0.0 | 0 | 0 | 13 |
| 14 | 93 | 57 | 75 | 90 | 61 | 75 | 0 | 103 | 1961 | 50 | 1994 | 0.00 | 0.0 | 0 | 0 | 10 |
| 15 | 91 | 61 | 76 | 89 | 60 | 75 | 1 | 103 | 1950 | 52 | 1986 | 0.00 | 0.0 | 0 | 0 | 11 |
| 16 | 89 | 61 | 75 | 89 | 60 | 74 | 1 | 102 | 1958 | 49 | 1980 | 0.00 | 0.0 | 0 | 0 | 10 |
| 17 | 92 | 69 | 81 | 89 | 59 | 74 | 7 | 101 | 2011* | 46 | 1994 | 0.00 | 0.0 | 0 | 0 | 16 |
| 18 | 93 | 66 | 80 | 88 | 59 | 74 | 6 | 104 | 2003 | 41 | 1971 | 0.00 | 0.0 | 0 | 0 | 15 |
| 19 | 94 | 64 | 79 | 88 | 59 | 73 | 6 | 104 | 2003 | 41 | 1971 | 0.00 | 0.0 | 0 | 0 | 14 |
| 20 | 92 | 65 | 79 | 87 | 58 | 73 | 6 | 103 | 2003 | 42 | 1949 | 0.00 | 0.0 | 0 | 0 | 14 |
| 21 | 92 | 67 | 80 | 87 | 58 | 73 | 7 | 104 | 2003 | 44 | 1949 | 0.00 | 0.0 | 0 | 0 | 15 |
| 22 | 94 | 64 | 79 | 87 | 58 | 72 | 7 | 104 | 2003 | 44 | 1996 | 0.00 | 0.0 | 0 | 0 | 14 |
| 23 | 95 | 64 | 80 | 86 | 57 | 72 | 8 | 101 | 2003 | 39 | 1996 | 0.00 | 0.0 | 0 | 0 | 15 |
| 24 | 95 | 64 | 80 | 86 | 57 | 71 | 9 | 102 | 1959 | 42 | 1996 | 0.00 | 0.0 | 0 | 0 | 15 |
| 25 | 96 | 66 | 81 | 86 | 57 | 71 | 10 | 98 | 1965 | 44 | 1975 | 0.00 | 0.0 | 0 | 0 | 16 |
| 26 | 88 | 66 | 77 | 85 | 56 | 71 | 6 | 98 | 1965 | 41 | 1971 | 0.00 | 0.0 | 0 | 0 | 12 |
| 27 | 87 | 62 | 75 | 85 | 56 | 70 | 5 | 99 | 2008 | 45 | 1971 | 0.00 | 0.0 | 0 | 0 | 10 |
| 28 | 89 | 55 | 72 | 84 | 55 | 70 | 2 | 98 | 1965 | 44 | 1996 | 0.00 | 0.0 | 0 | 0 | 7 |
| 29 | 91 | 55 | 73 | 84 | 55 | 69 | 4 | 97 | 1965 | 33 | 1971 | 0.00 | 0.0 | 0 | 0 | 8 |
| 30 | 91 | 58 | 75 | 84 | 55 | 69 | 6 | 95 | 1966 | 27 | 1971 | 0.00 | 0.0 | 0 | 0 | 10 |
| 31 | 89 | 59 | 74 | 83 | 54 | 69 | 5 | 97 | 1966 | 29 | 1971 | 0.00 | 0.0 | 0 | 0 | 9 |

M = Missing

Blythe, CA

Change Location:

Units: English | [Metric](#)

Table Graph Details

Actual Conditions For November 2014

Choose another month / year:

Month

Year

Reports from: BLYTHE, CA [BLH]

Choose another location:

(Lat: 33.62 Lon:-114.72)

Enter a Different Station:

| Obs. Date | Act. High | Act. Low | Act. Avg | Norm. High | Norm. Low | Norm. Avg. | Norm. Dept. | Rec. High | Rec. Year | Rec. Low | Rec. Year | Precip. Amt | Snow Amt. | Snow Ground | Heat Deg Day | Cool Deg Day |
|-----------|-----------|----------|----------|------------|-----------|------------|-------------|-----------|-----------|----------|-----------|-------------|-----------|-------------|--------------|--------------|
| 1 | 78 | 60 | 69 | 83 | 54 | 68 | 1 | 95 | 1997 | 42 | 1972 | 0.00 | 0.0 | 0 | 0 | 4 |
| 2 | 74 | 52 | 63 | 82 | 53 | 68 | -5 | 93 | 1997 | 38 | 1971 | 0.00 | 0.0 | 0 | 2 | 0 |
| 3 | 75 | 53 | 64 | 82 | 53 | 67 | -3 | 95 | 2010 | 40 | 1979 | 0.00 | 0.0 | 0 | 1 | 0 |
| 4 | 78 | 60 | 69 | 81 | 53 | 67 | 2 | 94 | 2010* | 38 | 1956 | 0.00 | 0.0 | 0 | 0 | 4 |
| 5 | 84 | 54 | 69 | 81 | 52 | 67 | 2 | 94 | 1980 | 43 | 1994 | 0.00 | 0.0 | 0 | 0 | 4 |
| 6 | 87 | 51 | 69 | 80 | 52 | 66 | 3 | 94 | 1988 | 42 | 2011 | 0.00 | 0.0 | 0 | 0 | 4 |
| 7 | 86 | 53 | 70 | 80 | 52 | 66 | 4 | 92 | 2007 | 41 | 1993 | 0.00 | 0.0 | 0 | 0 | 5 |
| 8 | 89 | 54 | 72 | 80 | 51 | 65 | 7 | 92 | 1991 | 40 | 2011 | 0.00 | 0.0 | 0 | 0 | 7 |
| 9 | 88 | 54 | 71 | 79 | 51 | 65 | 6 | 89 | 1995 | 41 | 2000 | 0.00 | 0.0 | 0 | 0 | 6 |
| 10 | 88 | 53 | 71 | 79 | 50 | 64 | 7 | 89 | 1980 | 39 | 2010 | 0.00 | 0.0 | 0 | 0 | 6 |
| 11 | 83 | 54 | 69 | 78 | 50 | 64 | 5 | 88 | 2013* | 36 | 1950 | 0.00 | 0.0 | 0 | 0 | 4 |
| 12 | 79 | 54 | 67 | 78 | 49 | 64 | 3 | 91 | 1999 | 32 | 1950 | 0.00 | 0.0 | 0 | 0 | 2 |
| 13 | 78 | 52 | 65 | 77 | 49 | 63 | 2 | 93 | 1999 | 35 | 1985 | 0.00 | 0.0 | 0 | 0 | 0 |
| 14 | 77 | 55 | 66 | 77 | 49 | 63 | 3 | 91 | 1999 | 32 | 2000 | 0.00 | 0.0 | 0 | 0 | 1 |
| 15 | 81 | 50 | 66 | 76 | 48 | 62 | 4 | 90 | 1999 | 39 | 1994 | 0.00 | 0.0 | 0 | 0 | 1 |
| 16 | 67 | 53 | 60 | 76 | 48 | 62 | -2 | 88 | 1995 | 35 | 2000 | 0.00 | 0.0 | 0 | 5 | 0 |
| 17 | 70 | 43 | 57 | 75 | 47 | 61 | -4 | 89 | 1995 | 35 | 1958 | 0.00 | 0.0 | 0 | 8 | 0 |
| 18 | 71 | 44 | 58 | 75 | 47 | 61 | -3 | 87 | 2008* | 34 | 1958 | 0.00 | 0.0 | 0 | 7 | 0 |
| 19 | 73 | 41 | 57 | 74 | 47 | 60 | -3 | 87 | 2008* | 35 | 1958 | 0.00 | 0.0 | 0 | 8 | 0 |
| 20 | 74 | 43 | 59 | 74 | 46 | 60 | -1 | 87 | 2006 | 27 | 1994 | 0.00 | 0.0 | 0 | 6 | 0 |
| 21 | 75 | 51 | 63 | 73 | 46 | 60 | 3 | 87 | 1950 | 33 | 1994 | 0.00 | 0.0 | 0 | 2 | 0 |
| 22 | 76 | 44 | 60 | 73 | 45 | 59 | 1 | 88 | 1950 | 35 | 1992 | 0.00 | 0.0 | 0 | 5 | 0 |
| 23 | 74 | 53 | 64 | 72 | 45 | 59 | 5 | 86 | 1949 | 35 | 2010 | 0.00 | 0.0 | 0 | 1 | 0 |
| 24 | 74 | 45 | 60 | 72 | 45 | 58 | 2 | 87 | 1995 | 34 | 1971 | 0.00 | 0.0 | 0 | 5 | 0 |
| 25 | 71 | 43 | 57 | 71 | 44 | 58 | -1 | 87 | 1950 | 32 | 1952 | 0.00 | 0.0 | 0 | 8 | 0 |
| 26 | 76 | 44 | 60 | 71 | 44 | 58 | 2 | 87 | 1995 | 34 | 2010 | 0.00 | 0.0 | 0 | 5 | 0 |
| 27 | 80 | 47 | 64 | 71 | 44 | 57 | 7 | 86 | 1954 | 26 | 2010 | 0.00 | 0.0 | 0 | 1 | 0 |
| 28 | 78 | 45 | 62 | 70 | 43 | 57 | 5 | 83 | 1949 | 30 | 1994 | 0.00 | 0.0 | 0 | 3 | 0 |
| 29 | 77 | 43 | 60 | 70 | 43 | 56 | 4 | 83 | 1953 | 33 | 1976 | 0.00 | 0.0 | 0 | 5 | 0 |
| 30 | 77 | 49 | 63 | 69 | 43 | 56 | 7 | 82 | 2008 | 32 | 1975 | 0.00 | 0.0 | 0 | 2 | 0 |

M = Missing

Blythe, CA

Change Location:

Units: English | [Metric](#)

Table Graph Details

Actual Conditions For December 2014 Choose another month / year:

Reports from: BLYTHE, CA [BLH] Choose another location:

(Lat: 33.62 Lon:-114.72) Enter a Different Station:

| Obs. Date | Act. High | Act. Low | Act. Avg | Norm. High | Norm. Low | Norm. Avg. | Norm. Dept. | Rec. High | Rec. Year | Rec. Low | Rec. Year | Precip. Amt | Snow Amt. | Snow Ground | Heat Deg Day | Cool Deg Day |
|-----------|-----------|----------|----------|------------|-----------|------------|-------------|-----------|-----------|----------|-----------|-------------|-----------|-------------|--------------|--------------|
| 1 | 72 | 47 | 60 | 69 | 43 | 56 | 4 | 82 | 2008* | 33 | 1952 | 0.00 | 0.0 | 0 | 5 | 0 |
| 2 | 67 | 57 | 62 | 69 | 42 | 55 | 7 | 82 | 1959 | 30 | 1991 | 0.00 | 0.0 | 0 | 3 | 0 |
| 3 | 64 | 57 | 61 | 68 | 42 | 55 | 6 | 83 | 1958 | 32 | 1991 | 0.08 | 0.0 | 0 | 4 | 0 |
| 4 | 73 | 54 | 64 | 68 | 42 | 55 | 9 | 80 | 2012* | 35 | 2009* | 0.00 | 0.0 | 0 | 1 | 0 |
| 5 | 73 | 52 | 63 | 68 | 42 | 55 | 8 | 80 | 1962 | 31 | 2009 | 0.00 | 0.0 | 0 | 2 | 0 |
| 6 | 76 | 58 | 67 | 67 | 41 | 54 | 13 | 81 | 1966 | 32 | 1972 | 0.00 | 0.0 | 0 | 0 | 2 |
| 7 | 78 | 51 | 65 | 67 | 41 | 54 | 11 | 79 | 1995 | 29 | 2011* | 0.00 | 0.0 | 0 | 0 | 0 |
| 8 | 76 | 54 | 65 | 67 | 41 | 54 | 11 | 78 | 1996 | 29 | 1978 | 0.00 | 0.0 | 0 | 0 | 0 |
| 9 | 77 | 52 | 65 | 66 | 41 | 54 | 11 | 80 | 1962 | 26 | 1978 | 0.00 | 0.0 | 0 | 0 | 0 |
| 10 | 78 | 46 | 62 | 66 | 41 | 54 | 8 | 82 | 1950 | 25 | 1971 | 0.00 | 0.0 | 0 | 3 | 0 |
| 11 | 72 | 50 | 61 | 66 | 41 | 53 | 8 | 81 | 1958 | 31 | 1994 | 0.00 | 0.0 | 0 | 4 | 0 |
| 12 | 70 | 46 | 58 | 66 | 41 | 53 | 5 | 82 | 2010* | 24 | 1971 | 0.03 | 0.0 | 0 | 7 | 0 |
| 13 | 66 | 43 | 55 | 66 | 40 | 53 | 2 | 80 | 1995 | 30 | 1985 | 0.00 | 0.0 | 0 | 10 | 0 |
| 14 | 65 | 39 | 52 | 66 | 40 | 53 | -1 | 78 | 1952 | 29 | 2001 | 0.00 | 0.0 | 0 | 13 | 0 |
| 15 | 64 | 40 | 52 | 65 | 40 | 53 | -1 | 81 | 1977 | 24 | 1971 | 0.00 | 0.0 | 0 | 13 | 0 |
| 16 | 61 | 40 | 51 | 65 | 40 | 53 | -2 | 85 | 1980 | 26 | 2005 | 0.28 | 0.0 | 0 | 14 | 0 |
| 17 | 60 | 47 | 54 | 65 | 40 | 53 | 1 | 82 | 1998 | 29 | 2005 | 0.39 | 0.0 | 0 | 11 | 0 |
| 18 | 63 | 49 | 56 | 65 | 40 | 53 | 3 | 77 | 1950 | 30 | 1968 | 0.00 | 0.0 | 0 | 9 | 0 |
| 19 | 63 | 43 | 53 | 65 | 40 | 53 | 0 | 76 | 1999 | 25 | 1968 | 0.00 | 0.0 | 0 | 12 | 0 |
| 20 | 61 | 42 | 52 | 65 | 40 | 53 | -1 | 79 | 1950 | 29 | 2006* | 0.00 | 0.0 | 0 | 13 | 0 |
| 21 | 62 | 46 | 54 | 65 | 40 | 53 | 1 | 76 | 1950 | 29 | 1968 | 0.00 | 0.0 | 0 | 11 | 0 |
| 22 | 71 | 45 | 58 | 65 | 40 | 53 | 5 | 77 | 1955 | 24 | 1968 | 0.00 | 0.0 | 0 | 7 | 0 |
| 23 | 73 | 56 | 65 | 65 | 40 | 53 | 12 | 82 | 1955 | 27 | 1968 | 0.00 | 0.0 | 0 | 0 | 0 |
| 24 | 65 | 42 | 54 | 65 | 40 | 53 | 1 | 81 | 2005 | 30 | 1968 | 0.00 | 0.0 | 0 | 11 | 0 |
| 25 | 65 | 44 | 55 | 65 | 41 | 53 | 2 | 77 | 1980 | 30 | 1953 | 0.00 | 0.0 | 0 | 10 | 0 |
| 26 | 59 | 40 | 50 | 65 | 41 | 53 | -3 | 79 | 1980 | 30 | 2002 | 0.00 | 0.0 | 0 | 15 | 0 |
| 27 | 59 | 40 | 50 | 65 | 41 | 53 | -3 | 80 | 1980 | 25 | 1987 | 0.00 | 0.0 | 0 | 15 | 0 |
| 28 | 56 | 31 | 44 | 65 | 41 | 53 | -9 | 80 | 1980 | 27 | 1988 | 0.00 | 0.0 | 0 | 21 | 0 |
| 29 | 58 | 29 | 44 | 65 | 41 | 53 | -9 | 87 | 1980 | 28 | 2003 | 0.00 | 0.0 | 0 | 21 | 0 |
| 30 | 60 | 31 | 46 | 66 | 41 | 53 | -7 | 83 | 1980 | 27 | 1988 | 0.00 | 0.0 | 0 | 19 | 0 |
| 31 | 50 | 35 | 43 | 66 | 41 | 53 | -10 | 79 | 1980 | 26 | 1988 | 0.00 | 0.0 | 0 | 22 | 0 |

M = Missing

Blythe, CA

Change Location:

Units: English | [Metric](#)

Table Graph Details

Actual Conditions For January 2015

Choose another month / year:

Month

Year

Reports from: BLYTHE, CA [BLH]

Choose another location:

(Lat: 33.62 Lon:-114.72)

Enter a Different Station:

| Obs. Date | Act. High | Act. Low | Act. Avg | Norm. High | Norm. Low | Norm. Avg. | Norm. Dept. | Rec. High | Rec. Year | Rec. Low | Rec. Year | Precip. Amt | Snow Amt. | Snow Ground | Heat Deg Day | Cool Deg Day |
|-----------|-----------|----------|----------|------------|-----------|------------|-------------|-----------|-----------|----------|-----------|-------------|-----------|-------------|--------------|--------------|
| 1 | 51 | 27 | 39 | 66 | 41 | 53 | -14 | 82 | 1981 | 24 | 1976 | 0.00 | 0.0 | 0 | 26 | 0 |
| 2 | 57 | 27 | 42 | 66 | 41 | 54 | -12 | 80 | 1981 | 27 | 2015 | 0.00 | 0.0 | 0 | 23 | 0 |
| 3 | 58 | 29 | 44 | 66 | 41 | 54 | -10 | 78 | 1997 | 21 | 1974 | 0.00 | 0.0 | 0 | 21 | 0 |
| 4 | 62 | 31 | 47 | 66 | 41 | 54 | -7 | 80 | 1981 | 23 | 1950 | 0.00 | 0.0 | 0 | 18 | 0 |
| 5 | 69 | 40 | 55 | 66 | 41 | 54 | 1 | 79 | 1981 | 22 | 1972 | 0.00 | 0.0 | 0 | 10 | 0 |
| 6 | 74 | 42 | 58 | 66 | 42 | 54 | 4 | 80 | 1962 | 25 | 1950 | 0.00 | 0.0 | 0 | 7 | 0 |
| 7 | 75 | 43 | 59 | 67 | 42 | 54 | 5 | 85 | 1962 | 24 | 1971 | 0.00 | 0.0 | 0 | 6 | 0 |
| 8 | 76 | 51 | 64 | 67 | 42 | 54 | 10 | 84 | 1962 | 20 | 1971 | 0.00 | 0.0 | 0 | 1 | 0 |
| 9 | 75 | 46 | 61 | 67 | 42 | 54 | 7 | 80 | 1962 | 25 | 1971 | 0.00 | 0.0 | 0 | 4 | 0 |
| 10 | 71 | 53 | 62 | 67 | 42 | 54 | 8 | 80 | 1962 | 26 | 1971 | 0.00 | 0.0 | 0 | 3 | 0 |
| 11 | 69 | 49 | 59 | 67 | 42 | 55 | 4 | 80 | 1986 | 27 | 1950 | 0.05 | 0.0 | 0 | 6 | 0 |
| 12 | 70 | 55 | 63 | 67 | 42 | 55 | 8 | 79 | 1983 | 26 | 1962 | 0.00 | 0.0 | 0 | 2 | 0 |
| 13 | 70 | 51 | 61 | 67 | 42 | 55 | 6 | 78 | 1996 | 25 | 2013 | 0.00 | 0.0 | 0 | 4 | 0 |
| 14 | 70 | 51 | 61 | 68 | 42 | 55 | 6 | 80 | 1983 | 25 | 2007 | 0.00 | 0.0 | 0 | 4 | 0 |
| 15 | 71 | 42 | 57 | 68 | 42 | 55 | 2 | 78 | 2014* | 28 | 1987 | 0.00 | 0.0 | 0 | 8 | 0 |
| 16 | 73 | 44 | 59 | 68 | 42 | 55 | 4 | 83 | 1976 | 29 | 1964 | 0.00 | 0.0 | 0 | 6 | 0 |
| 17 | 72 | 43 | 58 | 68 | 42 | 55 | 3 | 82 | 2011* | 25 | 2007 | 0.00 | 0.0 | 0 | 7 | 0 |
| 18 | 74 | 42 | 58 | 68 | 43 | 55 | 3 | 85 | 1971 | 30 | 2002 | 0.00 | 0.0 | 0 | 7 | 0 |
| 19 | 73 | 44 | 59 | 68 | 43 | 55 | 4 | 84 | 1971 | 29 | 1990 | 0.00 | 0.0 | 0 | 6 | 0 |
| 20 | 75 | 43 | 59 | 68 | 43 | 55 | 4 | 83 | 1971 | 30 | 2008 | 0.00 | 0.0 | 0 | 6 | 0 |
| 21 | 74 | 52 | 63 | 68 | 43 | 56 | 7 | 80 | 2009 | 30 | 1973 | 0.00 | 0.0 | 0 | 2 | 0 |
| 22 | 68 | 47 | 58 | 69 | 43 | 56 | 2 | 79 | 1994 | 31 | 1987 | 0.00 | 0.0 | 0 | 7 | 0 |
| 23 | 69 | 41 | 55 | 69 | 43 | 56 | -1 | 82 | 1950 | 30 | 1972 | 0.00 | 0.0 | 0 | 10 | 0 |
| 24 | 77 | 45 | 61 | 69 | 43 | 56 | 5 | 82 | 1951 | 29 | 1996 | 0.00 | 0.0 | 0 | 4 | 0 |
| 25 | 75 | 49 | 62 | 69 | 43 | 56 | 6 | 89 | 1951 | 31 | 1972 | 0.00 | 0.0 | 0 | 3 | 0 |
| 26 | 61 | 51 | 56 | 69 | 43 | 56 | 0 | 81 | 2003 | 30 | 2002 | 0.19 | 0.0 | 0 | 9 | 0 |
| 27 | 69 | 53 | 61 | 69 | 43 | 56 | 5 | 79 | 2003 | 29 | 1972 | 0.01 | 0.0 | 0 | 4 | 0 |
| 28 | 71 | 50 | 61 | 69 | 43 | 56 | 5 | 80 | 2014* | 29 | 1972 | 0.00 | 0.0 | 0 | 4 | 0 |
| 29 | 71 | 57 | 64 | 69 | 43 | 56 | 8 | 81 | 1953 | 30 | 1975 | 0.00 | 0.0 | 0 | 1 | 0 |
| 30 | 67 | 56 | 62 | 70 | 43 | 56 | 6 | 83 | 2003 | 26 | 1949 | 0.32 | 0.0 | 0 | 3 | 0 |
| 31 | 69 | 53 | 61 | 70 | 44 | 57 | 4 | 86 | 2003 | 30 | 1972 | 0.00 | 0.0 | 0 | 4 | 0 |

M = Missing

Blythe, CA

Change Location:

Units: English | [Metric](#)

Table Graph Details

Actual Conditions For February 2015 Choose another month / year:

Reports from: BLYTHE, CA [BLH] Choose another location:

(Lat: 33.62 Lon:-114.72) Enter a Different Station:

| Obs. Date | Act. High | Act. Low | Act. Avg | Norm. High | Norm. Low | Norm. Avg. | Norm. Dept. | Rec. High | Rec. Year | Rec. Low | Rec. Year | Precip. Amt | Snow Amt. | Snow Ground | Heat Deg Day | Cool Deg Day |
|-----------|-----------|----------|----------|------------|-----------|------------|-------------|-----------|-----------|----------|-----------|-------------|-----------|-------------|--------------|--------------|
| 1 | 74 | 49 | 62 | 70 | 44 | 57 | 5 | 84 | 2003* | 28 | 2002* | 0 | 0 | 0 | 3 | 0 |
| 2 | 73 | 45 | 59 | 70 | 44 | 57 | 2 | 85 | 1963* | 31 | 1951* | 0 | 0 | 0 | 6 | 0 |
| 3 | 77 | 47 | 62 | 70 | 44 | 57 | 5 | 84 | 1963* | 23 | 1972* | 0 | 0 | 0 | 3 | 0 |
| 4 | 79 | 48 | 64 | 70 | 44 | 57 | 7 | 84 | 1963* | 26 | 2011* | 0 | 0 | 0 | 1 | 0 |
| 5 | 80 | 49 | 64 | 70 | 44 | 57 | 7 | 87 | 1983* | 33 | 1956* | 0 | 0 | 0 | 1 | 0 |
| 6 | 82 | 50 | 66 | 70 | 44 | 57 | 9 | 88 | 1963* | 30 | 1989* | 0 | 0 | 0 | 0 | 1 |
| 7 | 82 | 48 | 65 | 71 | 44 | 57 | 8 | 89 | 1996* | 31 | 1989* | 0 | 0 | 0 | 0 | 0 |
| 8 | 84 | 53 | 68 | 71 | 44 | 58 | 10 | 88 | 1963* | 35 | 2002* | 0 | 0 | 0 | 0 | 3 |
| 9 | 84 | 52 | 68 | 71 | 45 | 58 | 10 | 86 | 1996* | 30 | 1949* | 0 | 0 | 0 | 0 | 3 |
| 10 | 83 | 58 | 70 | 71 | 45 | 58 | 12 | 87 | 1951* | 32 | 1986* | 0 | 0 | 0 | 0 | 5 |
| 11 | 82 | 60 | 71 | 71 | 45 | 58 | 13 | 90 | 1957* | 33 | 1986* | 0 | 0 | 0 | 0 | 6 |
| 12 | 81 | 53 | 67 | 71 | 45 | 58 | 9 | 85 | 1971* | 29 | 1965* | 0 | 0 | 0 | 0 | 2 |
| 13 | 84 | 51 | 68 | 72 | 45 | 58 | 10 | 90 | 1957* | 31 | 1972* | 0 | 0 | 0 | 0 | 3 |
| 14 | 87 | 50 | 68 | 72 | 45 | 59 | 9 | 87 | 2015* | 31 | 1966* | 0 | 0 | 0 | 0 | 3 |
| 15 | 82 | 51 | 66 | 72 | 46 | 59 | 7 | 86 | 2014* | 26 | 1990* | 0 | 0 | 0 | 0 | 1 |
| 16 | 83 | 51 | 67 | 72 | 46 | 59 | 8 | 87 | 1981* | 22 | 1990* | 0 | 0 | 0 | 0 | 2 |
| 17 | 80 | 54 | 67 | 72 | 46 | 59 | 8 | 88 | 1981* | 31 | 1956* | 0 | 0 | 0 | 0 | 2 |
| 18 | 81 | 48 | 64 | 72 | 46 | 59 | 5 | 93 | 1981* | 35 | 1967* | 0 | 0 | 0 | 1 | 0 |
| 19 | 81 | 50 | 66 | 73 | 46 | 60 | 6 | 90 | 1981* | 31 | 1956* | 0 | 0 | 0 | 0 | 1 |
| 20 | 80 | 54 | 67 | 73 | 46 | 60 | 7 | 86 | 1981* | 32 | 1990* | 0 | 0 | 0 | 0 | 2 |
| 21 | 80 | 50 | 65 | 73 | 47 | 60 | 5 | 92 | 1977* | 32 | 1953* | 0 | 0 | 0 | 0 | 0 |
| 22 | 75 | 55 | 65 | 73 | 47 | 60 | 5 | 88 | 1982* | 32 | 1955* | 0 | 0 | 0 | 0 | 0 |
| 23 | 67 | 54 | 60 | 74 | 47 | 60 | 0 | 87 | 2002* | 31 | 1953* | 0.04 | 0 | 0 | 5 | 0 |
| 24 | 71 | 48 | 60 | 74 | 47 | 61 | -1 | 90 | 1986* | 34 | 1996* | 0 | 0 | 0 | 5 | 0 |
| 25 | 77 | 41 | 59 | 74 | 48 | 61 | -2 | 93 | 1986* | 32 | 1960* | 0 | 0 | 0 | 6 | 0 |
| 26 | 79 | 44 | 62 | 74 | 48 | 61 | 1 | 92 | 1986* | 35 | 1977* | 0 | 0 | 0 | 3 | 0 |
| 27 | 77 | 49 | 63 | 75 | 48 | 61 | 2 | 93 | 1986* | 30 | 1996* | 0 | 0 | 0 | 2 | 0 |
| 28 | 74 | 57 | 66 | 75 | 48 | 61 | 5 | 93 | 1986* | 31 | 1962* | 0 | 0 | 0 | 0 | 1 |

M = Missing

Blythe, CA

Change Location:

Units: English | [Metric](#)

Table [Graph](#) [Details](#)

Actual Conditions For March 2015 Choose another month / year: [Month](#) [_Year](#)

[Reports from: BLYTHE, CA \[BLH\]](#) Choose another location:

(Lat: 33.62 Lon:-114.72) Enter a Different Station:

| Obs. Date | Act. High | Act. Low | Act. Avg | Norm. High | Norm. Low | Norm. Avg. | Norm. Dept. | Rec. High | Rec. Year | Rec. Low | Rec. Year | Precip. Amt | Snow Amt. | Snow Ground | Heat Deg Day | Cool Deg Day |
|-----------|-----------|----------|----------|------------|-----------|------------|-------------|-----------|-----------|----------|-----------|-------------|-----------|-------------|--------------|--------------|
| 1 | 60 | 51 | 56 | 75 | 48 | 62 | -6 | 90 | 1986* | 34 | 1962* | 0.74 | 0 | 0 | 9 | 0 |
| 2 | 64 | 50 | 57 | 75 | 48 | 62 | -5 | 89 | 2009* | 36 | 1997* | 0.25 | 0 | 0 | 8 | 0 |
| 3 | 65 | 43 | 54 | 76 | 49 | 62 | -8 | 90 | 1986* | 31 | 1971* | 0 | 0 | 0 | 11 | 0 |
| 4 | 69 | 50 | 60 | 76 | 49 | 62 | -2 | 88 | 1986* | 31 | 2002* | 0 | 0 | 0 | 5 | 0 |
| 5 | 74 | 46 | 60 | 76 | 49 | 62 | -2 | 91 | 1986* | 33 | 2002* | 0 | 0 | 0 | 5 | 0 |
| 6 | 82 | 46 | 64 | 76 | 49 | 63 | 1 | 92 | 1986* | 36 | 1977* | 0 | 0 | 0 | 1 | 0 |
| 7 | 83 | 53 | 68 | 76 | 49 | 63 | 5 | 90 | 1960* | 37 | 1982* | 0 | 0 | 0 | 0 | 3 |
| 8 | 83 | 49 | 66 | 77 | 49 | 63 | 3 | 91 | 1957* | 35 | 1969* | 0 | 0 | 0 | 0 | 1 |
| 9 | 87 | 51 | 69 | 77 | 50 | 63 | 6 | 92 | 2004* | 34 | 1964* | 0 | 0 | 0 | 0 | 4 |
| 10 | 87 | 56 | 72 | 77 | 50 | 64 | 8 | 95 | 1997* | 41 | 2010* | 0 | 0 | 0 | 0 | 7 |
| 11 | 84 | 56 | 70 | 78 | 50 | 64 | 6 | 93 | 1997* | 38 | 1969* | 0 | 0 | 0 | 0 | 5 |
| 12 | 88 | 63 | 76 | 78 | 50 | 64 | 12 | 92 | 2007* | 37 | 1990* | 0 | 0 | 0 | 0 | 11 |
| 13 | 88 | 66 | 77 | 78 | 50 | 64 | 13 | 95 | 2007* | 30 | 1956* | 0 | 0 | 0 | 0 | 12 |
| 14 | 92 | 62 | 77 | 78 | 50 | 64 | 13 | 95 | 2013* | 38 | 1952* | 0 | 0 | 0 | 0 | 12 |
| 15 | 91 | 60 | 76 | 78 | 50 | 64 | 12 | 94 | 2004* | 34 | 1977* | 0 | 0 | 0 | 0 | 11 |
| 16 | 91 | 56 | 74 | 79 | 50 | 65 | 9 | 98 | 2007* | 36 | 1963* | 0 | 0 | 0 | 0 | 9 |
| 17 | 91 | 59 | 75 | 79 | 51 | 65 | 10 | 99 | 2007* | 36 | 2002* | 0 | 0 | 0 | 0 | 10 |
| 18 | 85 | 66 | 76 | 79 | 51 | 65 | 11 | 94 | 1997* | 37 | 1979* | 0 | 0 | 0 | 0 | 11 |
| 19 | 76 | 63 | 70 | 79 | 51 | 65 | 5 | 96 | 1997* | 39 | 1977* | 0.03 | 0 | 0 | 0 | 5 |
| 20 | 83 | 58 | 70 | 80 | 51 | 65 | 5 | 99 | 2004* | 41 | 2012* | 0 | 0 | 0 | 0 | 5 |
| 21 | 93 | 56 | 74 | 80 | 51 | 66 | 8 | 100 | 2004* | 40 | 1987* | 0 | 0 | 0 | 0 | 9 |
| 22 | 90 | 56 | 73 | 80 | 51 | 66 | 7 | 98 | 2004* | 39 | 2006* | 0 | 0 | 0 | 0 | 8 |
| 23 | 86 | 57 | 72 | 80 | 51 | 66 | 6 | 95 | 1956* | 43 | 2011* | 0 | 0 | 0 | 0 | 7 |
| 24 | 87 | 60 | 74 | 81 | 51 | 66 | 8 | 95 | 1956* | 37 | 1995* | 0 | 0 | 0 | 0 | 9 |
| 25 | 89 | 65 | 77 | 81 | 52 | 66 | 11 | 96 | 1981* | 41 | 1964* | 0 | 0 | 0 | 0 | 12 |
| 26 | 89 | 65 | 77 | 81 | 52 | 66 | 11 | 96 | 1988* | 40 | 1995* | 0 | 0 | 0 | 0 | 12 |
| 27 | 94 | 57 | 76 | 81 | 52 | 67 | 9 | 100 | 1986* | 36 | 1975* | 0 | 0 | 0 | 0 | 11 |
| 28 | 97 | 59 | 78 | 82 | 52 | 67 | 11 | 97 | 2015* | 40 | 1972* | 0 | 0 | 0 | 0 | 13 |
| 29 | 96 | 64 | 80 | 82 | 52 | 67 | 13 | 96 | 2015* | 37 | 1972* | 0 | 0 | 0 | 0 | 15 |
| 30 | 97 | 61 | 79 | 82 | 52 | 67 | 12 | 100 | 1971* | 38 | 1998* | 0 | 0 | 0 | 0 | 14 |
| 31 | 96 | 63 | 80 | 82 | 52 | 67 | 13 | 100 | 2011* | 38 | 1972* | 0 | 0 | 0 | 0 | 15 |

M = Missing

Blythe, CA

Change Location:

Units: English | [Metric](#)

Table Graph Details

Actual Conditions For April 2015 Choose another month / year: Month _Year

Reports from: BLYTHE, CA [BLH] Choose another location:

(Lat: 33.62 Lon:-114.72) Enter a Different Station:

| Obs. Date | Act. High | Act. Low | Act. Avg | Norm. High | Norm. Low | Norm. Avg. | Norm. Dept. | Rec. High | Rec. Year | Rec. Low | Rec. Year | Precip. Amt | Snow Amt. | Snow Ground | Heat Deg Day | Cool Deg Day |
|-----------|-----------|----------|----------|------------|-----------|------------|-------------|-----------|-----------|----------|-----------|-------------|-----------|-------------|--------------|--------------|
| 1 | 89 | 60 | 74 | 83 | 53 | 68 | 6 | 99 | 2011* | 44 | 2010* | 0 | 0 | 0 | 0 | 9 |
| 2 | 86 | 61 | 74 | 83 | 53 | 68 | 6 | 98 | 1966* | 40 | 1975* | 0 | 0 | 0 | 0 | 9 |
| 3 | 85 | 60 | 72 | 83 | 53 | 68 | 4 | 101 | 1961* | 40 | 1975* | 0 | 0 | 0 | 0 | 7 |
| 4 | 87 | 54 | 70 | 83 | 53 | 68 | 2 | 106 | 1961* | 41 | 1977* | 0 | 0 | 0 | 0 | 5 |
| 5 | 87 | 59 | 73 | 84 | 53 | 68 | 5 | 100 | 1989* | 42 | 1983* | 0 | 0 | 0 | 0 | 8 |
| 6 | 81 | 51 | 66 | 84 | 54 | 69 | -3 | 103 | 1989* | 43 | 2006* | 0 | 0 | 0 | 0 | 1 |
| 7 | 80 | 52 | 66 | 84 | 54 | 69 | -3 | 105 | 1989* | 44 | 1964* | 0 | 0 | 0 | 0 | 1 |
| 8 | 78 | 56 | 67 | 84 | 54 | 69 | -2 | 107 | 1989* | 42 | 1999* | 0 | 0 | 0 | 0 | 2 |
| 9 | 82 | 52 | 67 | 85 | 54 | 70 | -3 | 102 | 1989* | 42 | 2011* | 0 | 0 | 0 | 0 | 2 |
| 10 | 85 | 51 | 68 | 85 | 55 | 70 | -2 | 101 | 1960* | 38 | 1975* | 0 | 0 | 0 | 0 | 3 |
| 11 | 88 | 58 | 73 | 85 | 55 | 70 | 3 | 99 | 2014* | 44 | 2001* | 0 | 0 | 0 | 0 | 8 |
| 12 | 89 | 62 | 76 | 86 | 55 | 70 | 6 | 100 | 1990* | 44 | 1967* | 0 | 0 | 0 | 0 | 11 |
| 13 | 93 | 59 | 76 | 86 | 55 | 71 | 5 | 103 | 1985* | 40 | 1983* | 0 | 0 | 0 | 0 | 11 |
| 14 | 95 | 64 | 80 | 86 | 56 | 71 | 9 | 104 | 2002* | 46 | 1983* | 0 | 0 | 0 | 0 | 15 |
| 15 | 78 | 60 | 69 | 86 | 56 | 71 | -2 | 104 | 1962* | 46 | 2012* | 0 | 0 | 0 | 0 | 4 |
| 16 | 80 | 55 | 68 | 87 | 56 | 71 | -3 | 104 | 1984* | 41 | 2009* | 0 | 0 | 0 | 0 | 3 |
| 17 | 86 | 49 | 68 | 87 | 56 | 72 | -4 | 103 | 1987* | 44 | 1976* | 0 | 0 | 0 | 0 | 3 |
| 18 | 94 | 54 | 74 | 87 | 57 | 72 | 2 | 104 | 1954* | 41 | 1963* | 0 | 0 | 0 | 0 | 9 |
| 19 | 95 | 60 | 78 | 88 | 57 | 72 | 6 | 106 | 1980* | 44 | 1968* | 0 | 0 | 0 | 0 | 13 |
| 20 | 93 | 59 | 76 | 88 | 58 | 73 | 3 | 103 | 1980* | 46 | 1995* | 0 | 0 | 0 | 0 | 11 |
| 21 | 87 | 56 | 72 | 88 | 58 | 73 | -1 | 105 | 2012* | 42 | 1967* | 0 | 0 | 0 | 0 | 7 |
| 22 | 84 | 59 | 72 | 88 | 58 | 73 | -1 | 106 | 2012* | 41 | 1970* | 0 | 0 | 0 | 0 | 7 |
| 23 | 82 | 61 | 72 | 89 | 58 | 74 | -2 | 106 | 1949* | 44 | 2010* | 0 | 0 | 0 | 0 | 7 |
| 24 | 82 | 60 | 71 | 89 | 59 | 74 | -3 | 105 | 1996* | 46 | 1964* | 0 | 0 | 0 | 0 | 6 |
| 25 | 79 | 57 | 68 | 89 | 59 | 74 | -6 | 102 | 1987* | 46 | 1989* | 0 | 0 | 0 | 0 | 3 |
| 26 | 84 | 59 | 72 | 90 | 59 | 74 | -2 | 106 | 1996* | 48 | 1971* | 0 | 0 | 0 | 0 | 7 |
| 27 | 90 | 62 | 76 | 90 | 60 | 75 | 1 | 106 | 1987* | 45 | 1963* | 0 | 0 | 0 | 0 | 11 |
| 28 | 96 | 62 | 79 | 90 | 60 | 75 | 4 | 106 | 1992* | 44 | 1970* | 0 | 0 | 0 | 0 | 14 |
| 29 | 98 | 65 | 82 | 91 | 60 | 76 | 6 | 107 | 1992* | 45 | 1984* | 0 | 0 | 0 | 0 | 17 |
| 30 | 101 | 67 | 84 | 91 | 61 | 76 | 8 | 105 | 1992* | 46 | 1967* | 0 | 0 | 0 | 0 | 19 |

M = Missing

Blythe, CA

Change Location:

Units: English | [Metric](#)

Table Graph Details

Actual Conditions For May 2015

Choose another month / year:

Month

Year

Reports from: BLYTHE, CA [BLH]

Choose another location:

(Lat: 33.62 Lon:-114.72)

Enter a Different Station:

| Obs. Date | Act. High | Act. Low | Act. Avg | Norm. High | Norm. Low | Norm. Avg. | Norm. Dept. | Rec. High | Rec. Year | Rec. Low | Rec. Year | Precip. Amt | Snow Amt. | Snow Ground | Heat Deg Day | Cool Deg Day |
|-----------|-----------|----------|----------|------------|-----------|------------|-------------|-----------|-----------|----------|-----------|-------------|-----------|-------------|--------------|--------------|
| 1 | 101 | 67 | 84 | 91 | 61 | 76 | 8 | 105 | 1985* | 49 | 1990* | 0 | 0 | 0 | 0 | 19 |
| 2 | 98 | 70 | 84 | 92 | 61 | 76 | 8 | 105 | 1966* | 48 | 1967* | 0 | 0 | 0 | 0 | 19 |
| 3 | 93 | 67 | 80 | 92 | 62 | 77 | 3 | 103 | 2014* | 50 | 1991* | 0 | 0 | 0 | 0 | 15 |
| 4 | 88 | 64 | 76 | 92 | 62 | 77 | -1 | 105 | 2004* | 49 | 1999* | 0.07 | 0 | 0 | 0 | 11 |
| 5 | 89 | 62 | 76 | 92 | 62 | 77 | -1 | 105 | 1997* | 45 | 1964* | 0 | 0 | 0 | 0 | 11 |
| 6 | 87 | 66 | 76 | 93 | 62 | 78 | -2 | 108 | 1987* | 47 | 1988* | 0 | 0 | 0 | 0 | 11 |
| 7 | 81 | 59 | 70 | 93 | 63 | 78 | -8 | 108 | 1989* | 46 | 1988* | 0 | 0 | 0 | 0 | 5 |
| 8 | 73 | 55 | 64 | 93 | 63 | 78 | -14 | 109 | 2001* | 49 | 1964* | 0 | 0 | 0 | 1 | 0 |
| 9 | 81 | 49 | 65 | 94 | 63 | 78 | -13 | 108 | 2001* | 49 | 2015* | 0 | 0 | 0 | 0 | 0 |
| 10 | 90 | 58 | 74 | 94 | 64 | 79 | -5 | 109 | 1960* | 48 | 1977* | 0 | 0 | 0 | 0 | 9 |
| 11 | 96 | 62 | 79 | 94 | 64 | 79 | 0 | 113 | 1960* | 50 | 1982* | 0 | 0 | 0 | 0 | 14 |
| 12 | 92 | 65 | 78 | 95 | 64 | 79 | -1 | 112 | 1996* | 50 | 1980* | 0 | 0 | 0 | 0 | 13 |
| 13 | 90 | 63 | 76 | 95 | 64 | 80 | -4 | 108 | 1996* | 50 | 1962* | 0 | 0 | 0 | 0 | 11 |
| 14 | 77 | 63 | 70 | 95 | 64 | 80 | -10 | 107 | 2013* | 50 | 1998* | 0 | 0 | 0 | 0 | 5 |
| 15 | 63 | 54 | 58 | 96 | 65 | 80 | -22 | 107 | 2012* | 53 | 1962* | 0.28 | 0 | 0 | 7 | 0 |
| 16 | 78 | 50 | 64 | 96 | 65 | 80 | -16 | 109 | 1997* | 50 | 2015* | 0 | 0 | 0 | 1 | 0 |
| 17 | 87 | 59 | 73 | 96 | 65 | 81 | -8 | 110 | 1997* | 53 | 1977* | 0 | 0 | 0 | 0 | 8 |
| 18 | 88 | 65 | 76 | 96 | 65 | 81 | -5 | 110 | 1970* | 54 | 1977* | 0 | 0 | 0 | 0 | 11 |
| 19 | 88 | 58 | 73 | 97 | 66 | 81 | -8 | 113 | 2008* | 49 | 2011* | 0 | 0 | 0 | 0 | 8 |
| 20 | 91 | 63 | 77 | 97 | 66 | 81 | -4 | 111 | 2008* | 51 | 1949* | 0 | 0 | 0 | 0 | 12 |
| 21 | 86 | 64 | 75 | 97 | 66 | 82 | -7 | 110 | 2005* | 47 | 1975* | 0 | 0 | 0 | 0 | 10 |
| 22 | 82 | 60 | 71 | 98 | 66 | 82 | -11 | 113 | 2000* | 45 | 1971* | 0 | 0 | 0 | 0 | 6 |
| 23 | 86 | 57 | 72 | 98 | 66 | 82 | -10 | 110 | 2001* | 50 | 1971* | 0 | 0 | 0 | 0 | 7 |
| 24 | 87 | 62 | 74 | 98 | 66 | 82 | -8 | 112 | 2001* | 51 | 2010* | 0 | 0 | 0 | 0 | 9 |
| 25 | 93 | 67 | 80 | 98 | 67 | 83 | -3 | 113 | 1951* | 51 | 1980* | 0 | 0 | 0 | 0 | 15 |
| 26 | 94 | 63 | 78 | 99 | 67 | 83 | -5 | 112 | 1974* | 52 | 1996* | 0 | 0 | 0 | 0 | 13 |
| 27 | 96 | 68 | 82 | 99 | 67 | 83 | -1 | 114 | 1951* | 50 | 1962* | 0 | 0 | 0 | 0 | 17 |
| 28 | 100 | 67 | 84 | 99 | 67 | 83 | 1 | 114 | 1983* | 52 | 1971* | 0 | 0 | 0 | 0 | 19 |
| 29 | 102 | 65 | 84 | 100 | 68 | 84 | 0 | 114 | 2000* | 43 | 1971* | 0 | 0 | 0 | 0 | 19 |
| 30 | 105 | 68 | 86 | 100 | 68 | 84 | 2 | 113 | 1984* | 56 | 1988* | 0 | 0 | 0 | 0 | 21 |
| 31 | 106 | 71 | 88 | 100 | 68 | 84 | 4 | 112 | 2012* | 55 | 1991* | 0 | 0 | 0 | 0 | 23 |

M = Missing

Blythe, CA

Change Location:

Units: English | [Metric](#)

Table Graph Details

Actual Conditions For June 2015 Choose another month / year: Month _Year

Reports from: BLYTHE, CA [BLH] Choose another location:

(Lat: 33.62 Lon:-114.72) Enter a Different Station:

| Obs. Date | Act. High | Act. Low | Act. Avg | Norm. High | Norm. Low | Norm. Avg. | Norm. Dept. | Rec. High | Rec. Year | Rec. Low | Rec. Year | Precip. Amt | Snow Amt. | Snow Ground | Heat Deg Day | Cool Deg Day |
|-----------|-----------|----------|----------|------------|-----------|------------|-------------|-----------|-----------|----------|-----------|-------------|-----------|-------------|--------------|--------------|
| 1 | 104 | 74 | 89 | 101 | 68 | 84 | 5 | 114 | 2012* | 46 | 1980* | 0 | 0 | 0 | 0 | 24 |
| 2 | 101 | 66 | 84 | 101 | 68 | 85 | -1 | 112 | 1960* | 56 | 1983* | 0 | 0 | 0 | 0 | 19 |
| 3 | 99 | 69 | 84 | 101 | 69 | 85 | -1 | 113 | 1996* | 55 | 1971* | 0 | 0 | 0 | 0 | 19 |
| 4 | 97 | 67 | 82 | 102 | 69 | 85 | -3 | 114 | 1996* | 56 | 1998* | 0 | 0 | 0 | 0 | 17 |
| 5 | 95 | 64 | 80 | 102 | 69 | 85 | -5 | 116 | 1957* | 55 | 1999* | 0 | 0 | 0 | 0 | 15 |
| 6 | 95 | 61 | 78 | 102 | 69 | 86 | -8 | 114 | 2002* | 59 | 1993* | 0 | 0 | 0 | 0 | 13 |
| 7 | 101 | 67 | 84 | 102 | 70 | 86 | -2 | 117 | 1985* | 52 | 1993* | 0 | 0 | 0 | 0 | 19 |
| 8 | 106 | 69 | 88 | 103 | 70 | 86 | 2 | 118 | 1955* | 58 | 1998* | 0 | 0 | 0 | 0 | 23 |
| 9 | 90 | 74 | 82 | 103 | 70 | 87 | -5 | 118 | 1955* | 57 | 1995* | 0.04 | 0 | 0 | 0 | 17 |
| 10 | 99 | 73 | 86 | 103 | 70 | 87 | -1 | 116 | 1994* | 60 | 1969* | 0 | 0 | 0 | 0 | 21 |
| 11 | 101 | 72 | 86 | 104 | 71 | 87 | -1 | 114 | 1956* | 56 | 1976* | 0 | 0 | 0 | 0 | 21 |
| 12 | 106 | 73 | 90 | 104 | 71 | 87 | 3 | 116 | 1956* | 62 | 1998* | 0 | 0 | 0 | 0 | 25 |
| 13 | 106 | 81 | 94 | 104 | 71 | 88 | 6 | 115 | 1979* | 56 | 1998* | 0 | 0 | 0 | 0 | 29 |
| 14 | 110 | 80 | 95 | 104 | 72 | 88 | 7 | 117 | 1966* | 59 | 1997* | 0 | 0 | 0 | 0 | 30 |
| 15 | 113 | 81 | 97 | 105 | 72 | 88 | 9 | 117 | 2000* | 54 | 1962* | 0 | 0 | 0 | 0 | 32 |
| 16 | 113 | 81 | 97 | 105 | 72 | 89 | 8 | 116 | 1971* | 58 | 1990* | 0 | 0 | 0 | 0 | 32 |
| 17 | 116 | 78 | 97 | 105 | 73 | 89 | 8 | 116 | 2015* | 57 | 1995* | 0 | 0 | 0 | 0 | 32 |
| 18 | 119 | 82 | 100 | 106 | 73 | 89 | 11 | 119 | 2015* | 60 | 1995* | 0 | 0 | 0 | 0 | 35 |
| 19 | 113 | 76 | 94 | 106 | 73 | 90 | 4 | 117 | 1961* | 61 | 1975* | 0 | 0 | 0 | 0 | 29 |
| 20 | 112 | 77 | 94 | 106 | 74 | 90 | 4 | 118 | 1981* | 58 | 1975* | 0 | 0 | 0 | 0 | 29 |
| 21 | 110 | 82 | 96 | 106 | 74 | 90 | 6 | 116 | 2008* | 64 | 1975* | 0 | 0 | 0 | 0 | 31 |
| 22 | 113 | 81 | 97 | 106 | 74 | 90 | 7 | 119 | 1960* | 65 | 2010* | 0 | 0 | 0 | 0 | 32 |
| 23 | 114 | 82 | 98 | 107 | 75 | 91 | 7 | 118 | 1961* | 63 | 1998* | 0 | 0 | 0 | 0 | 33 |
| 24 | 115 | 79 | 97 | 107 | 75 | 91 | 6 | 118 | 1994* | 63 | 1998* | 0 | 0 | 0 | 0 | 32 |
| 25 | 108 | 84 | 96 | 107 | 75 | 91 | 5 | 122 | 1970* | 66 | 1991* | 0 | 0 | 0 | 0 | 31 |
| 26 | 112 | 83 | 98 | 107 | 76 | 92 | 6 | 122 | 1990* | 61 | 1965* | 0 | 0 | 0 | 0 | 33 |
| 27 | 111 | 84 | 98 | 107 | 76 | 92 | 6 | 121 | 1973* | 62 | 1996* | 0 | 0 | 0 | 0 | 33 |
| 28 | 110 | 88 | 99 | 108 | 76 | 92 | 7 | 123 | 1994* | 67 | 1991* | 0 | 0 | 0 | 0 | 34 |
| 29 | 111 | 86 | 98 | 108 | 77 | 92 | 6 | 121 | 1994* | 67 | 1997* | 0 | 0 | 0 | 0 | 33 |
| 30 | 108 | 86 | 97 | 108 | 77 | 92 | 5 | 119 | 1972* | 68 | 1997* | 0 | 0 | 0 | 0 | 32 |

M = Missing

Actual Conditions For July 2015

Choose another month / year: _Month ▼ _Year ▼ GO

Reports from: BLYTHE, CA [BLH]

Choose another location: Postal Code or City GO

(Lat: 33.62 Lon:-114.72)

Enter a Different Station: station GO

| Obs. Date | Act. High | Act. Low | Act. Avg | Norm. High | Norm. Low | Norm. Avg. | Norm. Dept. | Rec. High | Rec. Year | Rec. Low | Rec. Year | Precip. Amt | Snow Amt. | Snow Ground | Heat Deg Day | Cool Deg Day |
|-----------|-----------|----------|----------|------------|-----------|------------|-------------|-----------|-----------|----------|-----------|-------------|-----------|-------------|--------------|--------------|
| 1 | 100 | 80 | 90 | 108 | 77 | 93 | -3 | 118 | 1972* | 62 | 1982* | 0.16 | 0 | 0 | 0 | 25 |
| 2 | 106 | 79 | 92 | 108 | 78 | 93 | -1 | 119 | 2001* | 66 | 1995* | 0 | 0 | 0 | 0 | 27 |
| 3 | 104 | 84 | 94 | 108 | 78 | 93 | 1 | 119 | 1985* | 67 | 1979* | 0 | 0 | 0 | 0 | 29 |
| 4 | 109 | 85 | 97 | 108 | 78 | 93 | 4 | 121 | 1989* | 67 | 1956* | 0 | 0 | 0 | 0 | 32 |
| 5 | 107 | 86 | 96 | 108 | 79 | 93 | 3 | 118 | 1981* | 69 | 1987* | 0 | 0 | 0 | 0 | 31 |
| 6 | 106 | 83 | 94 | 108 | 79 | 94 | 0 | 117 | 1965* | 67 | 1994* | 0 | 0 | 0 | 0 | 29 |
| 7 | 109 | 83 | 96 | 108 | 79 | 94 | 2 | 117 | 1985* | 70 | 2005* | 0 | 0 | 0 | 0 | 31 |
| 8 | 106 | 80 | 93 | 108 | 79 | 94 | -1 | 119 | 1985* | 73 | 1949* | 0 | 0 | 0 | 0 | 28 |
| 9 | 99 | 74 | 86 | 108 | 80 | 94 | -8 | 118 | 1958* | 70 | 1987* | 0 | 0 | 0 | 0 | 21 |
| 10 | 98 | 71 | 84 | 108 | 80 | 94 | -10 | 118 | 1973* | 71 | 2015* | 0 | 0 | 0 | 0 | 19 |
| 11 | 98 | 74 | 86 | 108 | 80 | 94 | -8 | 118 | 1958* | 69 | 1974* | 0 | 0 | 0 | 0 | 21 |
| 12 | 106 | 69 | 88 | 108 | 80 | 94 | -6 | 118 | 1985* | 69 | 2015* | 0 | 0 | 0 | 0 | 23 |
| 13 | 110 | 78 | 94 | 108 | 80 | 94 | 0 | 119 | 2005* | 66 | 1962* | 0 | 0 | 0 | 0 | 29 |
| 14 | 109 | 82 | 96 | 108 | 80 | 94 | 2 | 118 | 2003* | 73 | 2011* | 0 | 0 | 0 | 0 | 31 |
| 15 | 106 | 78 | 92 | 108 | 81 | 95 | -3 | 117 | 2006* | 71 | 2001* | 0 | 0 | 0 | 0 | 27 |
| 16 | 107 | 78 | 92 | 108 | 81 | 95 | -3 | 119 | 1960* | 69 | 1993* | 0 | 0 | 0 | 0 | 27 |
| 17 | 107 | 83 | 95 | 108 | 81 | 95 | 0 | 121 | 2005* | 64 | 1983* | 0 | 0 | 0 | 0 | 30 |
| 18 | 99 | 79 | 89 | 108 | 81 | 95 | -6 | 118 | 2005* | 67 | 1987* | 0.02 | 0 | 0 | 0 | 24 |
| 19 | 98 | 75 | 86 | 108 | 81 | 95 | -9 | 119 | 1961* | 62 | 1987* | 0.05 | 0 | 0 | 0 | 21 |
| 20 | 100 | 76 | 88 | 108 | 81 | 95 | -7 | 118 | 1978* | 70 | 1993* | 0 | 0 | 0 | 0 | 23 |
| 21 | 105 | 82 | 94 | 108 | 81 | 95 | -1 | 118 | 2006* | 69 | 1973* | 0 | 0 | 0 | 0 | 29 |
| 22 | 104 | 79 | 92 | 108 | 81 | 95 | -3 | 120 | 2006* | 69 | 1995* | 0 | 0 | 0 | 0 | 27 |
| 23 | 106 | 79 | 92 | 108 | 81 | 95 | -3 | 117 | 1981* | 69 | 1987* | 0 | 0 | 0 | 0 | 27 |
| 24 | 108 | 78 | 93 | 108 | 81 | 95 | -2 | 117 | 1980* | 73 | 1995* | 0 | 0 | 0 | 0 | 28 |
| 25 | 110 | 77 | 94 | 108 | 82 | 95 | -1 | 117 | 2000* | 71 | 1993* | 0 | 0 | 0 | 0 | 29 |
| 26 | 112 | 76 | 94 | 108 | 82 | 95 | -1 | 118 | 1995* | 71 | 1986* | 0 | 0 | 0 | 0 | 29 |
| 27 | 107 | 78 | 92 | 108 | 82 | 95 | -3 | 120 | 1998* | 72 | 1993* | 0 | 0 | 0 | 0 | 27 |
| 28 | 107 | 77 | 92 | 108 | 82 | 95 | -3 | 123 | 1995* | 68 | 1987* | 0 | 0 | 0 | 0 | 27 |
| 29 | 102 | 87 | 94 | 108 | 82 | 95 | -1 | 116 | 1972* | 64 | 1987* | 0 | 0 | 0 | 0 | 29 |
| 30 | 110 | 85 | 98 | 108 | 82 | 95 | 3 | 117 | 1995* | 73 | 1948* | 0 | 0 | 0 | 0 | 33 |
| 31 | 109 | 80 | 94 | 108 | 81 | 94 | 0 | 120 | 1972* | 72 | 2001* | 0 | 0 | 0 | 0 | 29 |

M = Missing

Blythe, CA

Change Location:

Units: English | [Metric](#)

Table Graph Details

Actual Conditions For August 2015

Choose another month / year: Month _Year

Reports from: BLYTHE, CA [BLH]

Choose another location:

(Lat: 33.62 Lon:-114.72)

Enter a Different Station:

| Obs. Date | Act. High | Act. Low | Act. Avg | Norm. High | Norm. Low | Norm. Avg. | Norm. Dept. | Rec. High | Rec. Year | Rec. Low | Rec. Year | Precip. Amt | Snow Amt. | Snow Ground | Heat Deg Day | Cool Deg Day |
|-----------|-----------|----------|----------|------------|-----------|------------|-------------|-----------|-----------|----------|-----------|-------------|-----------|-------------|--------------|--------------|
| 1 | 104 | 85 | 94 | 108 | 81 | 94 | 0 | 120 | 1972* | 70 | 1959* | 0 | 0 | 0 | 0 | 29 |
| 2 | 112 | 83 | 98 | 108 | 81 | 94 | 4 | 118 | 1995* | 70 | 1976* | 0 | 0 | 0 | 0 | 33 |
| 3 | 111 | 84 | 98 | 107 | 81 | 94 | 4 | 118 | 1998* | 68 | 1976* | 0 | 0 | 0 | 0 | 33 |
| 4 | 113 | 79 | 96 | 107 | 81 | 94 | 2 | 118 | 1969* | 67 | 1976* | 0 | 0 | 0 | 0 | 31 |
| 5 | 115 | 80 | 98 | 107 | 81 | 94 | 4 | 118 | 2000* | 70 | 1976* | 0 | 0 | 0 | 0 | 33 |
| 6 | 107 | 87 | 97 | 107 | 81 | 94 | 3 | 118 | 1995* | 66 | 1976* | 0 | 0 | 0 | 0 | 32 |
| 7 | 109 | 84 | 96 | 107 | 81 | 94 | 2 | 117 | 1980* | 68 | 1988* | 0 | 0 | 0 | 0 | 31 |
| 8 | 106 | 76 | 91 | 107 | 81 | 94 | -3 | 119 | 1980* | 69 | 1999* | 0 | 0 | 0 | 0 | 26 |
| 9 | 108 | 80 | 94 | 107 | 81 | 94 | 0 | 115 | 1995* | 68 | 2009* | 0 | 0 | 0 | 0 | 29 |
| 10 | 107 | 78 | 92 | 107 | 81 | 94 | -2 | 116 | 2003* | 67 | 1949* | 0 | 0 | 0 | 0 | 27 |
| 11 | 108 | 80 | 94 | 107 | 81 | 94 | 0 | 116 | 1962* | 70 | 1999* | 0 | 0 | 0 | 0 | 29 |
| 12 | 109 | 87 | 98 | 107 | 81 | 94 | 4 | 116 | 1962* | 69 | 1949* | 0 | 0 | 0 | 0 | 33 |
| 13 | 114 | 87 | 100 | 107 | 81 | 94 | 6 | 119 | 1960* | 66 | 1993* | 0 | 0 | 0 | 0 | 35 |
| 14 | 116 | 88 | 102 | 107 | 80 | 94 | 8 | 117 | 1962* | 65 | 1968* | 0 | 0 | 0 | 0 | 37 |
| 15 | 116 | 90 | 103 | 107 | 80 | 94 | 9 | 116 | 2015* | 64 | 1993* | 0 | 0 | 0 | 0 | 38 |
| 16 | 116 | 89 | 102 | 107 | 80 | 94 | 8 | 116 | 2015* | 67 | 1980* | 0 | 0 | 0 | 0 | 37 |
| 17 | 112 | 88 | 100 | 107 | 80 | 94 | 6 | 116 | 1992* | 67 | 1980* | 0 | 0 | 0 | 0 | 35 |
| 18 | 111 | 83 | 97 | 107 | 80 | 93 | 4 | 115 | 1992* | 64 | 1976* | 0 | 0 | 0 | 0 | 32 |
| 19 | 109 | 83 | 96 | 107 | 80 | 93 | 3 | 114 | 1973* | 66 | 1976* | 0 | 0 | 0 | 0 | 31 |
| 20 | 106 | 83 | 94 | 107 | 80 | 93 | 1 | 113 | 1992* | 68 | 1980* | 0 | 0 | 0 | 0 | 29 |
| 21 | 106 | 82 | 94 | 107 | 80 | 93 | 1 | 116 | 1969* | 69 | 2014* | 0 | 0 | 0 | 0 | 29 |
| 22 | 107 | 81 | 94 | 107 | 79 | 93 | 1 | 116 | 1972* | 68 | 2014* | 0 | 0 | 0 | 0 | 29 |
| 23 | 108 | 77 | 92 | 106 | 79 | 93 | -1 | 116 | 2011* | 64 | 1968* | 0 | 0 | 0 | 0 | 27 |
| 24 | 110 | 81 | 96 | 106 | 79 | 93 | 3 | 119 | 1985* | 66 | 1968* | 0 | 0 | 0 | 0 | 31 |
| 25 | 97 | 86 | 92 | 106 | 79 | 93 | -1 | 115 | 1985* | 68 | 1973* | 0 | 0 | 0 | 0 | 27 |
| 26 | 107 | 81 | 94 | 106 | 79 | 92 | 2 | 115 | 2011* | 66 | 1951* | 0 | 0 | 0 | 0 | 29 |
| 27 | 111 | 85 | 98 | 106 | 79 | 92 | 6 | 115 | 2005* | 67 | 1973* | 0 | 0 | 0 | 0 | 33 |
| 28 | 110 | 86 | 98 | 106 | 78 | 92 | 6 | 118 | 1998* | 65 | 1973* | 0 | 0 | 0 | 0 | 33 |
| 29 | 113 | 87 | 100 | 106 | 78 | 92 | 8 | 118 | 1948* | 66 | 1975* | 0 | 0 | 0 | 0 | 35 |
| 30 | 112 | 86 | 99 | 106 | 78 | 92 | 7 | 116 | 1998* | 62 | 1957* | 0 | 0 | 0 | 0 | 34 |
| 31 | 107 | 82 | 94 | 106 | 78 | 92 | 2 | 119 | 1950* | 62 | 1992* | 0 | 0 | 0 | 0 | 29 |

M = Missing

Blythe, CA

Change Location:

Units: English | [Metric](#)

Table Graph Details

Actual Conditions For September 2015

Choose another month / year:

Month

_Year

Reports from: BLYTHE, CA [BLH]

Choose another location:

(Lat: 33.62 Lon:-114.72)

Enter a Different Station:

| Obs. Date | Act. High | Act. Low | Act. Avg | Norm. High | Norm. Low | Norm. Avg. | Norm. Dept. | Rec. High | Rec. Year | Rec. Low | Rec. Year | Precip. Amt | Snow Amt. | Snow Ground | Heat Deg Day | Cool Deg Day |
|-----------|-----------|----------|----------|------------|-----------|------------|-------------|-----------|-----------|----------|-----------|-------------|-----------|-------------|--------------|--------------|
| 1 | 104 | 82 | 93 | 105 | 78 | 91 | 2 | 121 | 1950* | 64 | 1966* | 0 | 0 | 0 | 0 | 28 |
| 2 | 103 | 78 | 90 | 105 | 77 | 91 | -1 | 118 | 1948* | 64 | 2000* | 0 | 0 | 0 | 0 | 25 |
| 3 | 105 | 76 | 90 | 105 | 77 | 91 | -1 | 118 | 1948* | 65 | 1964* | 0 | 0 | 0 | 0 | 25 |
| 4 | 101 | 79 | 90 | 105 | 77 | 91 | -1 | 115 | 1948* | 61 | 1985* | 0 | 0 | 0 | 0 | 25 |
| 5 | 101 | 80 | 90 | 105 | 76 | 90 | 0 | 113 | 1955* | 59 | 1976* | 0 | 0 | 0 | 0 | 25 |
| 6 | 104 | 81 | 92 | 104 | 76 | 90 | 2 | 114 | 1955* | 66 | 1992* | 0 | 0 | 0 | 0 | 27 |
| 7 | 106 | 83 | 94 | 104 | 76 | 90 | 4 | 112 | 1994* | 60 | 1985* | 0 | 0 | 0 | 0 | 29 |
| 8 | 108 | 85 | 96 | 104 | 75 | 90 | 6 | 116 | 1979* | 65 | 2010* | 0 | 0 | 0 | 0 | 31 |
| 9 | 95 | 79 | 87 | 104 | 75 | 89 | -2 | 114 | 1993* | 62 | 1961* | 0 | 0 | 0 | 0 | 22 |
| 10 | 100 | 84 | 92 | 103 | 75 | 89 | 3 | 114 | 1990* | 63 | 2005* | 0 | 0 | 0 | 0 | 27 |
| 11 | 104 | 78 | 91 | 103 | 74 | 89 | 2 | 115 | 1990* | 61 | 1985* | 0 | 0 | 0 | 0 | 26 |
| 12 | 103 | 82 | 92 | 103 | 74 | 88 | 4 | 113 | 1971* | 59 | 1985* | 0 | 0 | 0 | 0 | 27 |
| 13 | 108 | 82 | 95 | 102 | 74 | 88 | 7 | 112 | 1971* | 58 | 1985* | 0 | 0 | 0 | 0 | 30 |
| 14 | 102 | 80 | 91 | 102 | 73 | 88 | 3 | 113 | 1971* | 60 | 2005* | 0 | 0 | 0 | 0 | 26 |
| 15 | 97 | 76 | 86 | 102 | 73 | 87 | -1 | 113 | 2000* | 61 | 2005* | 0 | 0 | 0 | 0 | 21 |
| 16 | 97 | 76 | 86 | 101 | 72 | 87 | -1 | 110 | 1962* | 61 | 1970* | 0 | 0 | 0 | 0 | 21 |
| 17 | 97 | 70 | 84 | 101 | 72 | 86 | -2 | 112 | 1962* | 61 | 1977* | 0 | 0 | 0 | 0 | 19 |
| 18 | 100 | 69 | 84 | 100 | 72 | 86 | -2 | 111 | 1980* | 57 | 1985* | 0 | 0 | 0 | 0 | 19 |
| 19 | 104 | 72 | 88 | 100 | 71 | 86 | 2 | 113 | 1962* | 56 | 1985* | 0 | 0 | 0 | 0 | 23 |
| 20 | 106 | 75 | 90 | 100 | 71 | 85 | 5 | 108 | 1962* | 53 | 1971* | 0 | 0 | 0 | 0 | 25 |
| 21 | 96 | 78 | 87 | 99 | 70 | 85 | 2 | 108 | 2009* | 59 | 1986* | 0 | 0 | 0 | 0 | 22 |
| 22 | 95 | 76 | 86 | 99 | 70 | 84 | 2 | 110 | 1966* | 55 | 1988* | 0.04 | 0 | 0 | 0 | 21 |
| 23 | 99 | 74 | 86 | 98 | 70 | 84 | 2 | 111 | 1966* | 56 | 2007* | 0 | 0 | 0 | 0 | 21 |
| 24 | 106 | 76 | 91 | 98 | 69 | 84 | 7 | 109 | 2002* | 54 | 1986* | 0 | 0 | 0 | 0 | 26 |
| 25 | 110 | 79 | 94 | 98 | 69 | 83 | 11 | 110 | 2015* | 59 | 1993* | 0 | 0 | 0 | 0 | 29 |
| 26 | 107 | 84 | 96 | 97 | 68 | 83 | 13 | 110 | 2010* | 53 | 1971* | 0 | 0 | 0 | 0 | 31 |
| 27 | 107 | 77 | 92 | 97 | 68 | 82 | 10 | 110 | 2010* | 54 | 1971* | 0 | 0 | 0 | 0 | 27 |
| 28 | 105 | 78 | 92 | 96 | 67 | 82 | 10 | 108 | 2009* | 55 | 1982* | 0 | 0 | 0 | 0 | 27 |
| 29 | 105 | 76 | 90 | 96 | 67 | 81 | 9 | 110 | 1980* | 56 | 2013* | 0 | 0 | 0 | 0 | 25 |
| 30 | 107 | 75 | 91 | 96 | 66 | 81 | 10 | 109 | 1980* | 51 | 2005* | 0 | 0 | 0 | 0 | 26 |

M = Missing

Blythe, CA

Change Location:

Units: English | [Metric](#)

Table Graph Details

Actual Conditions For October 2015

Choose another month / year:

Month

_Year

Reports from: BLYTHE, CA [BLH]

Choose another location:

(Lat: 33.62 Lon:-114.72)

Enter a Different Station:

| Obs. Date | Act. High | Act. Low | Act. Avg | Norm. High | Norm. Low | Norm. Avg. | Norm. Dept. | Rec. High | Rec. Year | Rec. Low | Rec. Year | Precip. Amt | Snow Amt. | Snow Ground | Heat Deg Day | Cool Deg Day |
|-----------|-----------|----------|----------|------------|-----------|------------|-------------|-----------|-----------|----------|-----------|-------------|-----------|-------------|--------------|--------------|
| 1 | 105 | 75 | 90 | 95 | 66 | 80 | 10 | 111 | 1980* | 53 | 1971* | 0 | 0 | 0 | 0 | 25 |
| 2 | 95 | 73 | 84 | 95 | 66 | 80 | 4 | 111 | 1980* | 52 | 1971* | 0 | 0 | 0 | 0 | 19 |
| 3 | 95 | 68 | 82 | 94 | 65 | 80 | 2 | 107 | 1987* | 49 | 2002* | 0 | 0 | 0 | 0 | 17 |
| 4 | 90 | 73 | 82 | 94 | 65 | 79 | 3 | 107 | 1987* | 53 | 2002* | 0 | 0 | 0 | 0 | 17 |
| 5 | 84 | 69 | 76 | 93 | 64 | 79 | -3 | 108 | 1987* | 52 | 2009* | 0 | 0 | 0 | 0 | 11 |
| 6 | 82 | 64 | 73 | 93 | 64 | 78 | -5 | 110 | 1987* | 49 | 2009* | 0.03 | 0 | 0 | 0 | 8 |
| 7 | 89 | 62 | 76 | 93 | 63 | 78 | -2 | 108 | 1987* | 49 | 2009* | 0 | 0 | 0 | 0 | 11 |
| 8 | 99 | 67 | 83 | 92 | 63 | 78 | 5 | 106 | 1996* | 51 | 2011* | 0 | 0 | 0 | 0 | 18 |
| 9 | 100 | 71 | 86 | 92 | 62 | 77 | 9 | 106 | 1996* | 46 | 1949* | 0 | 0 | 0 | 0 | 21 |
| 10 | 99 | 76 | 88 | 91 | 62 | 77 | 11 | 107 | 1991* | 48 | 1949* | 0 | 0 | 0 | 0 | 23 |
| 11 | 99 | 71 | 85 | 91 | 62 | 76 | 9 | 105 | 1965* | 50 | 2013* | 0 | 0 | 0 | 0 | 20 |
| 12 | 98 | 73 | 86 | 90 | 61 | 76 | 10 | 105 | 1999* | 50 | 2000* | 0 | 0 | 0 | 0 | 21 |
| 13 | 99 | 75 | 87 | 90 | 61 | 76 | 11 | 106 | 1950* | 47 | 1969* | 0 | 0 | 0 | 0 | 22 |
| 14 | 102 | 72 | 87 | 90 | 61 | 75 | 12 | 103 | 1961* | 50 | 1994* | 0 | 0 | 0 | 0 | 22 |
| 15 | 101 | 79 | 90 | 89 | 60 | 75 | 15 | 103 | 1950* | 52 | 1986* | 0 | 0 | 0 | 0 | 25 |
| 16 | 95 | 71 | 83 | 89 | 60 | 74 | 9 | 102 | 1958* | 49 | 1980* | 0.24 | 0 | 0 | 0 | 18 |
| 17 | 89 | 71 | 80 | 89 | 59 | 74 | 6 | 101 | 2011* | 46 | 1994* | 0 | 0 | 0 | 0 | 15 |
| 18 | 89 | 72 | 80 | 88 | 59 | 74 | 6 | 104 | 2003* | 41 | 1971* | 0.24 | 0 | 0 | 0 | 15 |
| 19 | 82 | 65 | 74 | 88 | 59 | 73 | 1 | 104 | 2003* | 41 | 1971* | 0 | 0 | 0 | 0 | 9 |
| 20 | 83 | 63 | 73 | 87 | 58 | 73 | 0 | 103 | 2003* | 42 | 1949* | 0.33 | 0 | 0 | 0 | 8 |
| 21 | 82 | 61 | 72 | 87 | 58 | 72 | 0 | 104 | 2003* | 44 | 1949* | 0 | 0 | 0 | 0 | 7 |
| 22 | 84 | 60 | 72 | 87 | 58 | 72 | 0 | 104 | 2003* | 44 | 1996* | 0 | 0 | 0 | 0 | 7 |
| 23 | 89 | 61 | 75 | 86 | 57 | 72 | 3 | 101 | 2003* | 39 | 1996* | 0 | 0 | 0 | 0 | 10 |
| 24 | 90 | 64 | 77 | 86 | 57 | 71 | 6 | 102 | 1959* | 42 | 1996* | 0 | 0 | 0 | 0 | 12 |
| 25 | 86 | 66 | 76 | 86 | 56 | 71 | 5 | 98 | 1965* | 44 | 1975* | 0 | 0 | 0 | 0 | 11 |
| 26 | 91 | 62 | 76 | 85 | 56 | 71 | 5 | 98 | 1965* | 41 | 1971* | 0 | 0 | 0 | 0 | 11 |
| 27 | 89 | 59 | 74 | 85 | 56 | 70 | 4 | 99 | 2008* | 45 | 1971* | 0 | 0 | 0 | 0 | 9 |
| 28 | 88 | 65 | 76 | 84 | 55 | 70 | 6 | 98 | 1965* | 44 | 1996* | 0 | 0 | 0 | 0 | 11 |
| 29 | 85 | 67 | 76 | 84 | 55 | 69 | 7 | 97 | 1965* | 33 | 1971* | 0 | 0 | 0 | 0 | 11 |
| 30 | 83 | 64 | 74 | 84 | 55 | 69 | 5 | 95 | 1966* | 27 | 1971* | 0 | 0 | 0 | 0 | 9 |
| 31 | 86 | 58 | 72 | 83 | 54 | 69 | 3 | 97 | 1966* | 29 | 1971* | 0 | 0 | 0 | 0 | 7 |

M = Missing

Actual Conditions For November 2015

Choose another month / year: _Month ▼ _Year ▼

Reports from: BLYTHE, CA [BLH]

Choose another location:

(Lat: 33.62 Lon:-114.72)

Enter a Different Station:

| Obs. Date | Act. High | Act. Low | Act. Avg | Norm. High | Norm. Low | Norm. Avg. | Norm. Dept. | Rec. High | Rec. Year | Rec. Low | Rec. Year | Precip. Amt | Snow Amt. | Snow Ground | Heat Deg Day | Cool Deg Day |
|-----------|-----------|----------|----------|------------|-----------|------------|-------------|-----------|-----------|----------|-----------|-------------|-----------|-------------|--------------|--------------|
| 1 | 90 | 55 | 72 | 83 | 54 | 68 | 4 | 95 | 1997* | 42 | 1972* | 0 | 0 | 0 | 0 | 7 |
| 2 | 92 | 56 | 74 | 82 | 53 | 68 | 6 | 93 | 1997* | 38 | 1971* | 0 | 0 | 0 | 0 | 9 |
| 3 | 75 | 59 | 67 | 82 | 53 | 67 | 0 | 95 | 2010* | 40 | 1979* | 0 | 0 | 0 | 0 | 2 |
| 4 | 71 | 51 | 61 | 81 | 53 | 67 | -6 | 94 | 2010* | 38 | 1956* | 0 | 0 | 0 | 4 | 0 |
| 5 | 69 | 45 | 57 | 81 | 52 | 67 | -10 | 94 | 1980* | 43 | 1994* | 0 | 0 | 0 | 8 | 0 |
| 6 | 76 | 49 | 62 | 80 | 52 | 66 | -4 | 94 | 1988* | 42 | 2011* | 0 | 0 | 0 | 3 | 0 |
| 7 | 77 | 53 | 65 | 80 | 52 | 66 | -1 | 92 | 2007* | 41 | 1993* | 0 | 0 | 0 | 0 | 0 |
| 8 | 77 | 46 | 62 | 80 | 51 | 65 | -3 | 93 | 2016* | 40 | 2011* | 0 | 0 | 0 | 3 | 0 |
| 9 | 80 | 45 | 62 | 79 | 51 | 65 | -3 | 90 | 2016* | 41 | 2000* | 0 | 0 | 0 | 3 | 0 |
| 10 | 72 | 50 | 61 | 79 | 50 | 64 | -3 | 89 | 1980* | 39 | 2010* | 0 | 0 | 0 | 4 | 0 |
| 11 | 71 | 48 | 60 | 78 | 50 | 64 | -4 | 88 | 2013* | 36 | 1950* | 0 | 0 | 0 | 5 | 0 |
| 12 | 73 | 45 | 59 | 78 | 49 | 64 | -5 | 91 | 1999* | 32 | 1950* | 0 | 0 | 0 | 6 | 0 |
| 13 | 78 | 44 | 61 | 77 | 49 | 63 | -2 | 93 | 1999* | 35 | 1985* | 0 | 0 | 0 | 4 | 0 |
| 14 | 76 | 44 | 60 | 77 | 49 | 63 | -3 | 91 | 1999* | 32 | 2000* | 0 | 0 | 0 | 5 | 0 |
| 15 | 72 | 48 | 60 | 76 | 48 | 62 | -2 | 90 | 1999* | 39 | 1994* | 0.05 | 0 | 0 | 5 | 0 |
| 16 | 66 | 52 | 59 | 76 | 48 | 62 | -3 | 88 | 1995* | 35 | 2000* | 0 | 0 | 0 | 6 | 0 |
| 17 | 69 | 48 | 58 | 75 | 47 | 61 | -3 | 89 | 1995* | 35 | 1958* | 0 | 0 | 0 | 7 | 0 |
| 18 | 73 | 45 | 59 | 75 | 47 | 61 | -2 | 87 | 2008* | 34 | 1958* | 0 | 0 | 0 | 6 | 0 |
| 19 | 79 | 45 | 62 | 74 | 47 | 60 | 2 | 87 | 2008* | 35 | 1958* | 0 | 0 | 0 | 3 | 0 |
| 20 | 83 | 51 | 67 | 74 | 46 | 60 | 7 | 87 | 2006* | 27 | 1994* | 0 | 0 | 0 | 0 | 2 |
| 21 | 80 | 57 | 68 | 73 | 46 | 60 | 8 | 87 | 1950* | 33 | 1994* | 0 | 0 | 0 | 0 | 3 |
| 22 | 78 | 46 | 62 | 73 | 45 | 59 | 3 | 88 | 1950* | 35 | 1992* | 0 | 0 | 0 | 3 | 0 |
| 23 | 76 | 43 | 60 | 72 | 45 | 59 | 1 | 86 | 1949* | 35 | 2010* | 0 | 0 | 0 | 5 | 0 |
| 24 | 79 | 44 | 62 | 72 | 45 | 58 | 4 | 87 | 1995* | 34 | 1971* | 0 | 0 | 0 | 3 | 0 |
| 25 | 71 | 52 | 62 | 71 | 44 | 58 | 4 | 87 | 1950* | 32 | 1952* | 0 | 0 | 0 | 3 | 0 |
| 26 | 65 | 44 | 54 | 71 | 44 | 58 | -4 | 87 | 1995* | 34 | 2010* | 0 | 0 | 0 | 11 | 0 |
| 27 | 61 | 42 | 52 | 70 | 44 | 57 | -5 | 86 | 1954* | 26 | 2010* | 0 | 0 | 0 | 13 | 0 |
| 28 | 63 | 36 | 50 | 70 | 43 | 57 | -7 | 83 | 1949* | 30 | 1994* | 0 | 0 | 0 | 15 | 0 |
| 29 | 62 | 39 | 50 | 70 | 43 | 56 | -6 | 83 | 1953* | 33 | 1976* | 0 | 0 | 0 | 15 | 0 |
| 30 | 64 | 34 | 49 | 69 | 43 | 56 | -7 | 82 | 2008* | 32 | 1975* | 0 | 0 | 0 | 16 | 0 |

M = Missing

Actual Conditions For December 2015

Choose another month / year: Month ▼ _Year ▼

Reports from: BLYTHE, CA [BLH]

Choose another location:

(Lat: 33.62 Lon:-114.72)

Enter a Different Station:

| Obs. Date | Act. High | Act. Low | Act. Avg | Norm. High | Norm. Low | Norm. Avg. | Norm. Dept. | Rec. High | Rec. Year | Rec. Low | Rec. Year | Precip. Amt | Snow Amt. | Snow Ground | Heat Deg Day | Cool Deg Day |
|-----------|-----------|----------|----------|------------|-----------|------------|-------------|-----------|-----------|----------|-----------|-------------|-----------|-------------|--------------|--------------|
| 1 | 67 | 36 | 52 | 69 | 42 | 56 | -4 | 82 | 2008* | 33 | 1952* | 0 | 0 | 0 | 13 | 0 |
| 2 | 70 | 37 | 54 | 68 | 42 | 55 | -1 | 82 | 1959* | 30 | 1991* | 0 | 0 | 0 | 11 | 0 |
| 3 | 72 | 37 | 54 | 68 | 42 | 55 | -1 | 83 | 1958* | 32 | 1991* | 0 | 0 | 0 | 11 | 0 |
| 4 | 64 | 39 | 52 | 68 | 42 | 55 | -3 | 80 | 2012* | 35 | 2009* | 0 | 0 | 0 | 13 | 0 |
| 5 | 74 | 40 | 57 | 68 | 42 | 54 | 3 | 80 | 1962* | 31 | 2009* | 0 | 0 | 0 | 8 | 0 |
| 6 | 71 | 42 | 56 | 67 | 41 | 54 | 2 | 81 | 1966* | 32 | 1972* | 0 | 0 | 0 | 9 | 0 |
| 7 | 73 | 44 | 58 | 67 | 41 | 54 | 4 | 79 | 1995* | 29 | 2011* | 0 | 0 | 0 | 7 | 0 |
| 8 | 73 | 42 | 58 | 67 | 41 | 54 | 4 | 78 | 1996* | 29 | 1978* | 0 | 0 | 0 | 7 | 0 |
| 9 | 69 | 43 | 56 | 66 | 41 | 54 | 2 | 80 | 1962* | 26 | 1978* | 0 | 0 | 0 | 9 | 0 |
| 10 | 71 | 41 | 56 | 66 | 41 | 54 | 2 | 82 | 1950* | 25 | 1971* | 0 | 0 | 0 | 9 | 0 |
| 11 | 72 | 53 | 62 | 66 | 41 | 53 | 9 | 81 | 1958* | 31 | 1994* | 0 | 0 | 0 | 3 | 0 |
| 12 | 67 | 47 | 57 | 66 | 40 | 53 | 4 | 82 | 2010* | 24 | 1971* | 0 | 0 | 0 | 8 | 0 |
| 13 | 70 | 38 | 54 | 66 | 40 | 53 | 1 | 80 | 1995* | 30 | 1985* | 0 | 0 | 0 | 11 | 0 |
| 14 | 62 | 46 | 54 | 66 | 40 | 53 | 1 | 78 | 1952* | 29 | 2001* | 0 | 0 | 0 | 11 | 0 |
| 15 | 58 | 37 | 48 | 65 | 40 | 53 | -5 | 81 | 1977* | 24 | 1971* | 0 | 0 | 0 | 17 | 0 |
| 16 | 60 | 37 | 48 | 65 | 40 | 53 | -5 | 85 | 1980* | 26 | 2005* | 0 | 0 | 0 | 17 | 0 |
| 17 | 62 | 29 | 46 | 65 | 40 | 53 | -7 | 82 | 1998* | 29 | 2015* | 0 | 0 | 0 | 19 | 0 |
| 18 | 66 | 34 | 50 | 65 | 40 | 53 | -3 | 77 | 1950* | 30 | 1968* | 0 | 0 | 0 | 15 | 0 |
| 19 | 63 | 35 | 49 | 65 | 40 | 53 | -4 | 76 | 1999* | 25 | 1968* | 0 | 0 | 0 | 16 | 0 |
| 20 | 65 | 42 | 54 | 65 | 40 | 53 | 1 | 79 | 1950* | 29 | 2006* | 0 | 0 | 0 | 11 | 0 |
| 21 | 62 | 36 | 49 | 65 | 40 | 53 | -4 | 76 | 1950* | 29 | 1968* | 0 | 0 | 0 | 16 | 0 |
| 22 | 71 | 46 | 58 | 65 | 40 | 53 | 5 | 77 | 1955* | 24 | 1968* | 0 | 0 | 0 | 7 | 0 |
| 23 | 72 | 44 | 58 | 65 | 40 | 53 | 5 | 82 | 1955* | 27 | 1968* | 0 | 0 | 0 | 7 | 0 |
| 24 | 63 | 46 | 54 | 65 | 40 | 53 | 1 | 81 | 2005* | 30 | 1968* | 0 | 0 | 0 | 11 | 0 |
| 25 | 60 | 42 | 51 | 65 | 40 | 53 | -2 | 77 | 1980* | 30 | 1953* | 0 | 0 | 0 | 14 | 0 |
| 26 | 57 | 43 | 50 | 65 | 40 | 53 | -3 | 79 | 1980* | 30 | 2002* | 0 | 0 | 0 | 15 | 0 |
| 27 | 57 | 36 | 46 | 65 | 41 | 53 | -7 | 80 | 1980* | 25 | 1987* | 0 | 0 | 0 | 19 | 0 |
| 28 | 54 | 26 | 40 | 65 | 41 | 53 | -13 | 80 | 1980* | 26 | 2015* | 0 | 0 | 0 | 25 | 0 |
| 29 | 59 | 35 | 47 | 65 | 41 | 53 | -6 | 87 | 1980* | 28 | 2003* | 0 | 0 | 0 | 18 | 0 |
| 30 | 59 | 30 | 44 | 66 | 41 | 53 | -9 | 83 | 1980* | 27 | 1988* | 0 | 0 | 0 | 21 | 0 |
| 31 | 61 | 34 | 48 | 66 | 41 | 53 | -5 | 79 | 1980* | 26 | 1988* | 0 | 0 | 0 | 17 | 0 |

M = Missing

Actual Conditions For January 2016

Choose another month / year: Month ▼ _Year ▼

Reports from: BLYTHE, CA [BLH]

Choose another location:

(Lat: 33.62 Lon:-114.72)

Enter a Different Station:

| Obs. Date | Act. High | Act. Low | Act. Avg | Norm. High | Norm. Low | Norm. Avg. | Norm. Dept. | Rec. High | Rec. Year | Rec. Low | Rec. Year | Precip. Amt | Snow Amt. | Snow Ground | Heat Deg Day | Cool Deg Day |
|-----------|-----------|----------|----------|------------|-----------|------------|-------------|-----------|-----------|----------|-----------|-------------|-----------|-------------|--------------|--------------|
| 1 | 59 | 33 | 46 | 66 | 41 | 53 | -7 | 82 | 1981* | 24 | 1976* | 0 | 0 | 0 | 19 | 0 |
| 2 | 65 | 36 | 50 | 66 | 41 | 54 | -4 | 80 | 1981* | 27 | 2015* | 0 | 0 | 0 | 15 | 0 |
| 3 | 67 | 41 | 54 | 66 | 41 | 54 | 0 | 78 | 1997* | 21 | 1974* | 0 | 0 | 0 | 11 | 0 |
| 4 | 54 | 47 | 50 | 66 | 41 | 54 | -4 | 80 | 1981* | 23 | 1950* | 0.13 | 0 | 0 | 15 | 0 |
| 5 | 58 | 50 | 54 | 66 | 41 | 54 | 0 | 79 | 1981* | 22 | 1972* | 0.34 | 0 | 0 | 11 | 0 |
| 6 | 64 | 45 | 54 | 66 | 42 | 54 | 0 | 80 | 1962* | 25 | 1950* | 0.04 | 0 | 0 | 11 | 0 |
| 7 | 58 | 46 | 52 | 66 | 42 | 54 | -2 | 85 | 1962* | 24 | 1971* | 0.04 | 0 | 0 | 13 | 0 |
| 8 | 61 | 41 | 51 | 67 | 42 | 54 | -3 | 84 | 1962* | 20 | 1971* | 0 | 0 | 0 | 14 | 0 |
| 9 | 61 | 36 | 48 | 67 | 42 | 54 | -6 | 80 | 1962* | 25 | 1971* | 0 | 0 | 0 | 17 | 0 |
| 10 | 62 | 47 | 54 | 67 | 42 | 54 | 0 | 80 | 1962* | 26 | 1971* | 0 | 0 | 0 | 11 | 0 |
| 11 | 62 | 45 | 54 | 67 | 42 | 54 | 0 | 80 | 1986* | 27 | 1950* | 0 | 0 | 0 | 11 | 0 |
| 12 | 63 | 37 | 50 | 67 | 42 | 55 | -5 | 79 | 1983* | 26 | 1962* | 0 | 0 | 0 | 15 | 0 |
| 13 | 62 | 35 | 48 | 67 | 42 | 55 | -7 | 78 | 1996* | 25 | 2013* | 0 | 0 | 0 | 17 | 0 |
| 14 | 64 | 35 | 50 | 68 | 42 | 55 | -5 | 80 | 1983* | 25 | 2007* | 0 | 0 | 0 | 15 | 0 |
| 15 | 72 | 42 | 57 | 68 | 42 | 55 | 2 | 78 | 2014* | 28 | 1987* | 0 | 0 | 0 | 8 | 0 |
| 16 | 65 | 41 | 53 | 68 | 42 | 55 | -2 | 83 | 1976* | 29 | 1964* | 0 | 0 | 0 | 12 | 0 |
| 17 | 69 | 42 | 56 | 68 | 42 | 55 | 1 | 82 | 2011* | 25 | 2007* | 0 | 0 | 0 | 9 | 0 |
| 18 | 65 | 44 | 54 | 68 | 42 | 55 | -1 | 85 | 1971* | 30 | 2002* | 0 | 0 | 0 | 11 | 0 |
| 19 | 70 | 41 | 56 | 68 | 42 | 55 | 1 | 84 | 1971* | 29 | 1990* | 0 | 0 | 0 | 9 | 0 |
| 20 | 73 | 43 | 58 | 68 | 43 | 55 | 3 | 83 | 1971* | 30 | 2008* | 0 | 0 | 0 | 7 | 0 |
| 21 | 71 | 46 | 58 | 68 | 43 | 56 | 2 | 80 | 2009* | 30 | 1973* | 0 | 0 | 0 | 7 | 0 |
| 22 | 70 | 41 | 56 | 68 | 43 | 56 | 0 | 79 | 1994* | 31 | 1987* | 0 | 0 | 0 | 9 | 0 |
| 23 | 65 | 42 | 54 | 69 | 43 | 56 | -2 | 82 | 1950* | 30 | 1972* | 0 | 0 | 0 | 11 | 0 |
| 24 | 71 | 43 | 57 | 69 | 43 | 56 | 1 | 82 | 1951* | 29 | 1996* | 0 | 0 | 0 | 8 | 0 |
| 25 | 70 | 43 | 56 | 69 | 43 | 56 | 0 | 89 | 1951* | 31 | 1972* | 0 | 0 | 0 | 9 | 0 |
| 26 | 68 | 47 | 58 | 69 | 43 | 56 | 2 | 81 | 2003* | 30 | 2002* | 0 | 0 | 0 | 7 | 0 |
| 27 | 70 | 42 | 56 | 69 | 43 | 56 | 0 | 79 | 2003* | 29 | 1972* | 0 | 0 | 0 | 9 | 0 |
| 28 | 72 | 44 | 58 | 69 | 43 | 56 | 2 | 80 | 2014* | 29 | 1972* | 0 | 0 | 0 | 7 | 0 |
| 29 | 71 | 41 | 56 | 69 | 43 | 56 | 0 | 81 | 1953* | 30 | 1975* | 0 | 0 | 0 | 9 | 0 |
| 30 | 82 | 45 | 64 | 70 | 43 | 56 | 8 | 83 | 2003* | 26 | 1949* | 0 | 0 | 0 | 1 | 0 |
| 31 | 77 | 48 | 62 | 70 | 44 | 56 | 6 | 86 | 2003* | 30 | 1972* | 0.01 | 0 | 0 | 3 | 0 |

M = Missing

Actual Conditions For February 2016

Choose another month / year: Month ▼ _Year ▼

Reports from: BLYTHE, CA [BLH]

Choose another location:

(Lat: 33.62 Lon:-114.72)

Enter a Different Station:

| Obs. Date | Act. High | Act. Low | Act. Avg | Norm. High | Norm. Low | Norm. Avg. | Norm. Dept. | Rec. High | Rec. Year | Rec. Low | Rec. Year | Precip. Amt | Snow Amt. | Snow Ground | Heat Deg Day | Cool Deg Day |
|-----------|-----------|----------|----------|------------|-----------|------------|-------------|-----------|-----------|----------|-----------|-------------|-----------|-------------|--------------|--------------|
| 1 | 62 | 45 | 54 | 70 | 44 | 57 | -3 | 84 | 2003* | 28 | 2002* | 0 | 0 | 0 | 11 | 0 |
| 2 | 58 | 38 | 48 | 70 | 44 | 57 | -9 | 85 | 1963* | 31 | 1951* | 0 | 0 | 0 | 17 | 0 |
| 3 | 60 | 39 | 50 | 70 | 44 | 57 | -7 | 84 | 1963* | 23 | 1972* | 0 | 0 | 0 | 15 | 0 |
| 4 | 65 | 33 | 49 | 70 | 44 | 57 | -8 | 84 | 1963* | 26 | 2011* | 0 | 0 | 0 | 16 | 0 |
| 5 | 71 | 48 | 60 | 70 | 44 | 57 | 3 | 87 | 1983* | 33 | 1956* | 0 | 0 | 0 | 5 | 0 |
| 6 | 71 | 42 | 56 | 70 | 44 | 57 | -1 | 88 | 1963* | 30 | 1989* | 0 | 0 | 0 | 9 | 0 |
| 7 | 80 | 44 | 62 | 71 | 44 | 57 | 5 | 89 | 1996* | 31 | 1989* | 0 | 0 | 0 | 3 | 0 |
| 8 | 82 | 53 | 68 | 71 | 44 | 58 | 10 | 88 | 1963* | 35 | 2002* | 0 | 0 | 0 | 0 | 3 |
| 9 | 83 | 50 | 66 | 71 | 45 | 58 | 8 | 86 | 1996* | 30 | 1949* | 0 | 0 | 0 | 0 | 1 |
| 10 | 84 | 48 | 66 | 71 | 45 | 58 | 8 | 87 | 1951* | 32 | 1986* | 0 | 0 | 0 | 0 | 1 |
| 11 | 83 | 47 | 65 | 71 | 45 | 58 | 7 | 90 | 1957* | 33 | 1986* | 0 | 0 | 0 | 0 | 0 |
| 12 | 83 | 47 | 65 | 71 | 45 | 58 | 7 | 85 | 1971* | 29 | 1965* | 0 | 0 | 0 | 0 | 0 |
| 13 | 84 | 45 | 64 | 72 | 45 | 58 | 6 | 90 | 1957* | 31 | 1972* | 0 | 0 | 0 | 1 | 0 |
| 14 | 87 | 51 | 69 | 72 | 45 | 59 | 10 | 87 | 2016* | 31 | 1966* | 0 | 0 | 0 | 0 | 4 |
| 15 | 88 | 65 | 76 | 72 | 46 | 59 | 17 | 88 | 2016* | 26 | 1990* | 0 | 0 | 0 | 0 | 11 |
| 16 | 88 | 55 | 72 | 72 | 46 | 59 | 13 | 88 | 2016* | 22 | 1990* | 0 | 0 | 0 | 0 | 7 |
| 17 | 88 | 47 | 68 | 72 | 46 | 59 | 9 | 88 | 2016* | 31 | 1956* | 0 | 0 | 0 | 0 | 3 |
| 18 | 83 | 62 | 72 | 72 | 46 | 59 | 13 | 93 | 1981* | 35 | 1967* | 0 | 0 | 0 | 0 | 7 |
| 19 | 81 | 58 | 70 | 73 | 46 | 60 | 10 | 90 | 1981* | 31 | 1956* | 0 | 0 | 0 | 0 | 5 |
| 20 | 84 | 54 | 69 | 73 | 46 | 60 | 9 | 86 | 1981* | 32 | 1990* | 0 | 0 | 0 | 0 | 4 |
| 21 | 87 | 53 | 70 | 73 | 47 | 60 | 10 | 92 | 1977* | 32 | 1953* | 0 | 0 | 0 | 0 | 5 |
| 22 | 85 | 51 | 68 | 73 | 47 | 60 | 8 | 88 | 1982* | 32 | 1955* | 0 | 0 | 0 | 0 | 3 |
| 23 | 76 | 56 | 66 | 74 | 47 | 60 | 6 | 87 | 2002* | 31 | 1953* | 0 | 0 | 0 | 0 | 1 |
| 24 | 76 | 46 | 61 | 74 | 47 | 61 | 0 | 90 | 1986* | 34 | 1996* | 0 | 0 | 0 | 4 | 0 |
| 25 | 83 | 48 | 66 | 74 | 48 | 61 | 5 | 93 | 1986* | 32 | 1960* | 0 | 0 | 0 | 0 | 1 |
| 26 | 86 | 46 | 66 | 74 | 48 | 61 | 5 | 92 | 1986* | 35 | 1977* | 0 | 0 | 0 | 0 | 1 |
| 27 | 86 | 51 | 68 | 75 | 48 | 61 | 7 | 93 | 1986* | 30 | 1996* | 0 | 0 | 0 | 0 | 3 |
| 28 | 87 | 52 | 70 | 75 | 48 | 61 | 9 | 93 | 1986* | 31 | 1962* | 0 | 0 | 0 | 0 | 5 |
| 29 | 89 | 53 | 71 | 75 | 48 | 62 | 9 | 89 | 2016* | 38 | 2012* | 0 | 0 | 0 | 0 | 6 |

M = Missing

Actual Conditions For March 2016

Choose another month / year: _Month ▼ _Year ▼

Reports from: BLYTHE, CA [BLH]

Choose another location:

(Lat: 33.62 Lon:-114.72)

Enter a Different Station:

| Obs. Date | Act. High | Act. Low | Act. Avg | Norm. High | Norm. Low | Norm. Avg. | Norm. Dept. | Rec. High | Rec. Year | Rec. Low | Rec. Year | Precip. Amt | Snow Amt. | Snow Ground | Heat Deg Day | Cool Deg Day |
|-----------|-----------|----------|----------|------------|-----------|------------|-------------|-----------|-----------|----------|-----------|-------------|-----------|-------------|--------------|--------------|
| 1 | 90 | 53 | 72 | 75 | 48 | 62 | 10 | 90 | 2016* | 34 | 1962* | 0 | 0 | 0 | 0 | 7 |
| 2 | 89 | 56 | 72 | 75 | 48 | 62 | 10 | 89 | 2016* | 36 | 1997* | 0 | 0 | 0 | 0 | 7 |
| 3 | 88 | 55 | 72 | 76 | 49 | 62 | 10 | 90 | 1986* | 31 | 1971* | 0 | 0 | 0 | 0 | 7 |
| 4 | 88 | 55 | 72 | 76 | 49 | 62 | 10 | 88 | 2016* | 31 | 2002* | 0 | 0 | 0 | 0 | 7 |
| 5 | 84 | 57 | 70 | 76 | 49 | 62 | 8 | 91 | 1986* | 33 | 2002* | 0 | 0 | 0 | 0 | 5 |
| 6 | 81 | 59 | 70 | 76 | 49 | 63 | 7 | 92 | 1986* | 36 | 1977* | 0 | 0 | 0 | 0 | 5 |
| 7 | 67 | 45 | 56 | 76 | 49 | 63 | -7 | 90 | 1960* | 37 | 1982* | 0 | 0 | 0 | 9 | 0 |
| 8 | 78 | 45 | 62 | 77 | 49 | 63 | -1 | 91 | 1957* | 35 | 1969* | 0 | 0 | 0 | 3 | 0 |
| 9 | 84 | 54 | 69 | 77 | 50 | 63 | 6 | 92 | 2004* | 34 | 1964* | 0 | 0 | 0 | 0 | 4 |
| 10 | 87 | 58 | 72 | 77 | 50 | 64 | 8 | 95 | 1997* | 41 | 2010* | 0 | 0 | 0 | 0 | 7 |
| 11 | 87 | 57 | 72 | 78 | 50 | 64 | 8 | 93 | 1997* | 38 | 1969* | 0 | 0 | 0 | 0 | 7 |
| 12 | 76 | 50 | 63 | 78 | 50 | 64 | -1 | 92 | 2007* | 37 | 1990* | 0 | 0 | 0 | 2 | 0 |
| 13 | 80 | 47 | 64 | 78 | 50 | 64 | 0 | 95 | 2007* | 30 | 1956* | 0 | 0 | 0 | 1 | 0 |
| 14 | 83 | 51 | 67 | 78 | 50 | 64 | 3 | 95 | 2013* | 38 | 1952* | 0 | 0 | 0 | 0 | 2 |
| 15 | 86 | 57 | 72 | 78 | 50 | 64 | 8 | 94 | 2004* | 34 | 1977* | 0 | 0 | 0 | 0 | 7 |
| 16 | 90 | 52 | 71 | 79 | 50 | 65 | 6 | 98 | 2007* | 36 | 1963* | 0 | 0 | 0 | 0 | 6 |
| 17 | 90 | 53 | 72 | 79 | 51 | 65 | 7 | 99 | 2007* | 36 | 2002* | 0 | 0 | 0 | 0 | 7 |
| 18 | 92 | 56 | 74 | 79 | 51 | 65 | 9 | 94 | 1997* | 37 | 1979* | 0 | 0 | 0 | 0 | 9 |
| 19 | 93 | 59 | 76 | 79 | 51 | 65 | 11 | 96 | 1997* | 39 | 1977* | 0 | 0 | 0 | 0 | 11 |
| 20 | 95 | 59 | 77 | 80 | 51 | 65 | 12 | 99 | 2004* | 41 | 2012* | 0 | 0 | 0 | 0 | 12 |
| 21 | 94 | 58 | 76 | 80 | 51 | 66 | 10 | 100 | 2004* | 40 | 1987* | 0 | 0 | 0 | 0 | 11 |
| 22 | 82 | 60 | 71 | 80 | 51 | 66 | 5 | 98 | 2004* | 39 | 2006* | 0 | 0 | 0 | 0 | 6 |
| 23 | 78 | 59 | 68 | 80 | 51 | 66 | 2 | 95 | 1956* | 43 | 2011* | 0 | 0 | 0 | 0 | 3 |
| 24 | 85 | 53 | 69 | 81 | 51 | 66 | 3 | 95 | 1956* | 37 | 1995* | 0 | 0 | 0 | 0 | 4 |
| 25 | 89 | 54 | 72 | 81 | 52 | 66 | 6 | 96 | 1981* | 41 | 1964* | 0 | 0 | 0 | 0 | 7 |
| 26 | 84 | 60 | 72 | 81 | 52 | 66 | 6 | 96 | 1988* | 40 | 1995* | 0 | 0 | 0 | 0 | 7 |
| 27 | 86 | 53 | 70 | 81 | 52 | 67 | 3 | 100 | 1986* | 36 | 1975* | 0 | 0 | 0 | 0 | 5 |
| 28 | 80 | 58 | 69 | 82 | 52 | 67 | 2 | 97 | 2015* | 40 | 1972* | 0 | 0 | 0 | 0 | 4 |
| 29 | 70 | 52 | 61 | 82 | 52 | 67 | -6 | 96 | 2015* | 37 | 1972* | 0 | 0 | 0 | 4 | 0 |
| 30 | 71 | 45 | 58 | 82 | 52 | 67 | -9 | 100 | 1971* | 38 | 1998* | 0 | 0 | 0 | 7 | 0 |
| 31 | 79 | 51 | 65 | 82 | 52 | 67 | -2 | 100 | 2011* | 38 | 1972* | 0 | 0 | 0 | 0 | 0 |

M = Missing

Actual Conditions For April 2016

Choose another month / year: Month ▼ _Year ▼

Reports from: BLYTHE, CA [BLH]

Choose another location:

(Lat: 33.62 Lon:-114.72)

Enter a Different Station:

| Obs. Date | Act. High | Act. Low | Act. Avg | Norm. High | Norm. Low | Norm. Avg. | Norm. Dept. | Rec. High | Rec. Year | Rec. Low | Rec. Year | Precip. Amt | Snow Amt. | Snow Ground | Heat Deg Day | Cool Deg Day |
|--------------|--------------|-------------|-------------|---------------|--------------|---------------|----------------|--------------|--------------|-------------|--------------|----------------|--------------|----------------|-----------------|-----------------|
| 1 | 85 | 55 | 70 | 83 | 53 | 68 | 2 | 99 | 2011* | 44 | 2010* | 0 | 0 | 0 | 0 | 5 |
| 2 | 88 | 51 | 70 | 83 | 53 | 68 | 2 | 98 | 1966* | 40 | 1975* | 0 | 0 | 0 | 0 | 5 |
| 3 | 91 | 54 | 72 | 83 | 53 | 68 | 4 | 101 | 1961* | 40 | 1975* | 0 | 0 | 0 | 0 | 7 |
| 4 | 93 | 58 | 76 | 83 | 53 | 68 | 8 | 106 | 1961* | 41 | 1977* | 0 | 0 | 0 | 0 | 11 |
| 5 | 95 | 61 | 78 | 84 | 53 | 68 | 10 | 100 | 1989* | 42 | 1983* | 0 | 0 | 0 | 0 | 13 |
| 6 | 96 | 65 | 80 | 84 | 54 | 69 | 11 | 103 | 1989* | 43 | 2006* | 0 | 0 | 0 | 0 | 15 |
| 7 | 90 | 69 | 80 | 84 | 54 | 69 | 11 | 105 | 1989* | 44 | 1964* | 0.01 | 0 | 0 | 0 | 15 |
| 8 | 75 | 62 | 68 | 84 | 54 | 69 | -1 | 107 | 1989* | 42 | 1999* | 0.03 | 0 | 0 | 0 | 3 |
| 9 | 83 | 62 | 72 | 85 | 54 | 70 | 2 | 102 | 1989* | 42 | 2011* | 0 | 0 | 0 | 0 | 7 |
| 10 | 74 | 57 | 66 | 85 | 55 | 70 | -4 | 101 | 1960* | 38 | 1975* | 0.06 | 0 | 0 | 0 | 1 |
| 11 | 76 | 58 | 67 | 85 | 55 | 70 | -3 | 99 | 2014* | 44 | 2001* | 0 | 0 | 0 | 0 | 2 |
| 12 | 85 | 57 | 71 | 86 | 55 | 70 | 1 | 100 | 1990* | 44 | 1967* | 0 | 0 | 0 | 0 | 6 |
| 13 | 90 | 60 | 75 | 86 | 55 | 71 | 4 | 103 | 1985* | 40 | 1983* | 0 | 0 | 0 | 0 | 10 |
| 14 | 90 | 62 | 76 | 86 | 56 | 71 | 5 | 104 | 2002* | 46 | 1983* | 0 | 0 | 0 | 0 | 11 |
| 15 | 82 | 61 | 72 | 86 | 56 | 71 | 1 | 104 | 1962* | 46 | 2012* | 0 | 0 | 0 | 0 | 7 |
| 16 | 84 | 65 | 74 | 87 | 56 | 71 | 3 | 104 | 1984* | 41 | 2009* | 0 | 0 | 0 | 0 | 9 |
| 17 | 87 | 65 | 76 | 87 | 56 | 72 | 4 | 103 | 1987* | 44 | 1976* | 0 | 0 | 0 | 0 | 11 |
| 18 | 91 | 56 | 74 | 87 | 57 | 72 | 2 | 104 | 1954* | 41 | 1963* | 0 | 0 | 0 | 0 | 9 |
| 19 | 95 | 56 | 76 | 88 | 57 | 72 | 4 | 106 | 1980* | 44 | 1968* | 0 | 0 | 0 | 0 | 11 |
| 20 | 99 | 62 | 80 | 88 | 58 | 73 | 7 | 103 | 1980* | 46 | 1995* | 0 | 0 | 0 | 0 | 15 |
| 21 | 98 | 62 | 80 | 88 | 58 | 73 | 7 | 105 | 2012* | 42 | 1967* | 0 | 0 | 0 | 0 | 15 |
| 22 | 97 | 61 | 79 | 88 | 58 | 73 | 6 | 106 | 2012* | 41 | 1970* | 0 | 0 | 0 | 0 | 14 |
| 23 | 87 | 65 | 76 | 89 | 58 | 74 | 2 | 106 | 1949* | 44 | 2010* | 0 | 0 | 0 | 0 | 11 |
| 24 | 93 | 62 | 78 | 89 | 59 | 74 | 4 | 105 | 1996* | 46 | 1964* | 0 | 0 | 0 | 0 | 13 |
| 25 | 81 | 60 | 70 | 89 | 59 | 74 | -4 | 102 | 1987* | 46 | 1989* | 0 | 0 | 0 | 0 | 5 |
| 26 | 82 | 52 | 67 | 90 | 59 | 74 | -7 | 106 | 1996* | 48 | 1971* | 0 | 0 | 0 | 0 | 2 |
| 27 | 85 | 59 | 72 | 90 | 60 | 75 | -3 | 106 | 1987* | 45 | 1963* | 0 | 0 | 0 | 0 | 7 |
| 28 | 77 | 59 | 68 | 90 | 60 | 75 | -7 | 106 | 1992* | 44 | 1970* | 0 | 0 | 0 | 0 | 3 |
| 29 | 88 | 55 | 72 | 91 | 60 | 76 | -4 | 107 | 1992* | 45 | 1984* | 0 | 0 | 0 | 0 | 7 |
| 30 | 75 | 60 | 68 | 91 | 61 | 76 | -8 | 105 | 1992* | 46 | 1967* | 0.04 | 0 | 0 | 0 | 3 |

M = Missing

Actual Conditions For May 2016

Choose another month / year: _Month ▼ _Year ▼

Reports from: BLYTHE, CA [BLH]

Choose another location:

(Lat: 33.62 Lon:-114.72)

Enter a Different Station:

| Obs. Date | Act. High | Act. Low | Act. Avg | Norm. High | Norm. Low | Norm. Avg. | Norm. Dept. | Rec. High | Rec. Year | Rec. Low | Rec. Year | Precip. Amt | Snow Amt. | Snow Ground | Heat Deg Day | Cool Deg Day |
|-----------|-----------|----------|----------|------------|-----------|------------|-------------|-----------|-----------|----------|-----------|-------------|-----------|-------------|--------------|--------------|
| 1 | 84 | 55 | 70 | 91 | 61 | 76 | -6 | 105 | 1985* | 49 | 1990* | 0 | 0 | 0 | 0 | 5 |
| 2 | 90 | 60 | 75 | 92 | 61 | 76 | -1 | 105 | 1966* | 48 | 1967* | 0 | 0 | 0 | 0 | 10 |
| 3 | 95 | 66 | 80 | 92 | 62 | 77 | 3 | 103 | 2014* | 50 | 1991* | 0 | 0 | 0 | 0 | 15 |
| 4 | 102 | 65 | 84 | 92 | 62 | 77 | 7 | 105 | 2004* | 49 | 1999* | 0 | 0 | 0 | 0 | 19 |
| 5 | 90 | 66 | 78 | 92 | 62 | 77 | 1 | 105 | 1997* | 45 | 1964* | 0 | 0 | 0 | 0 | 13 |
| 6 | 79 | 60 | 70 | 93 | 62 | 78 | -8 | 108 | 1987* | 47 | 1988* | 0 | 0 | 0 | 0 | 5 |
| 7 | 79 | 57 | 68 | 93 | 63 | 78 | -10 | 108 | 1989* | 46 | 1988* | 0 | 0 | 0 | 0 | 3 |
| 8 | 85 | 56 | 70 | 93 | 63 | 78 | -8 | 109 | 2001* | 49 | 1964* | 0 | 0 | 0 | 0 | 5 |
| 9 | 89 | 62 | 76 | 94 | 63 | 78 | -2 | 108 | 2001* | 49 | 2015* | 0 | 0 | 0 | 0 | 11 |
| 10 | 93 | 64 | 78 | 94 | 64 | 79 | -1 | 109 | 1960* | 48 | 1977* | 0 | 0 | 0 | 0 | 13 |
| 11 | 96 | 66 | 81 | 94 | 64 | 79 | 2 | 113 | 1960* | 50 | 1982* | 0 | 0 | 0 | 0 | 16 |
| 12 | 102 | 67 | 84 | 95 | 64 | 79 | 5 | 112 | 1996* | 50 | 1980* | 0 | 0 | 0 | 0 | 19 |
| 13 | 103 | 68 | 86 | 95 | 64 | 80 | 6 | 108 | 1996* | 50 | 1962* | 0 | 0 | 0 | 0 | 21 |
| 14 | 101 | 74 | 88 | 95 | 64 | 80 | 8 | 107 | 2013* | 50 | 1998* | 0 | 0 | 0 | 0 | 23 |
| 15 | 93 | 68 | 80 | 96 | 65 | 80 | 0 | 107 | 2012* | 53 | 1962* | 0 | 0 | 0 | 0 | 15 |
| 16 | 93 | 62 | 78 | 96 | 65 | 80 | -2 | 109 | 1997* | 50 | 2015* | 0 | 0 | 0 | 0 | 13 |
| 17 | 92 | 65 | 78 | 96 | 65 | 81 | -3 | 110 | 1997* | 53 | 1977* | 0 | 0 | 0 | 0 | 13 |
| 18 | 93 | 65 | 79 | 96 | 65 | 81 | -2 | 110 | 1970* | 54 | 1977* | 0 | 0 | 0 | 0 | 14 |
| 19 | 100 | 70 | 85 | 97 | 66 | 81 | 4 | 113 | 2008* | 49 | 2011* | 0 | 0 | 0 | 0 | 20 |
| 20 | 96 | 72 | 84 | 97 | 66 | 81 | 3 | 111 | 2008* | 51 | 1949* | 0 | 0 | 0 | 0 | 19 |
| 21 | 86 | 59 | 72 | 97 | 66 | 82 | -10 | 110 | 2005* | 47 | 1975* | 0 | 0 | 0 | 0 | 7 |
| 22 | 86 | 56 | 71 | 98 | 66 | 82 | -11 | 113 | 2000* | 45 | 1971* | 0 | 0 | 0 | 0 | 6 |
| 23 | 90 | 60 | 75 | 98 | 66 | 82 | -7 | 110 | 2001* | 50 | 1971* | 0 | 0 | 0 | 0 | 10 |
| 24 | 86 | 63 | 74 | 98 | 66 | 82 | -8 | 112 | 2001* | 51 | 2010* | 0 | 0 | 0 | 0 | 9 |
| 25 | 86 | 56 | 71 | 98 | 67 | 83 | -12 | 113 | 1951* | 51 | 1980* | 0 | 0 | 0 | 0 | 6 |
| 26 | 90 | 57 | 74 | 99 | 67 | 83 | -9 | 112 | 1974* | 52 | 1996* | 0 | 0 | 0 | 0 | 9 |
| 27 | 94 | 67 | 80 | 99 | 67 | 83 | -3 | 114 | 1951* | 50 | 1962* | 0 | 0 | 0 | 0 | 15 |
| 28 | 97 | 66 | 82 | 99 | 67 | 83 | -1 | 114 | 1983* | 52 | 1971* | 0 | 0 | 0 | 0 | 17 |
| 29 | 94 | 64 | 79 | 100 | 68 | 84 | -5 | 114 | 2000* | 43 | 1971* | 0 | 0 | 0 | 0 | 14 |
| 30 | 97 | 67 | 82 | 100 | 68 | 84 | -2 | 113 | 1984* | 56 | 1988* | 0 | 0 | 0 | 0 | 17 |
| 31 | 102 | 69 | 86 | 100 | 68 | 84 | 2 | 112 | 2012* | 55 | 1991* | 0 | 0 | 0 | 0 | 21 |

M = Missing

Actual Conditions For June 2016

Reports from: BLYTHE, CA [BLH]

(Lat: 33.62 Lon:-114.72)

Choose another month / year: Month ▼ _Year ▼

Choose another location:

Enter a Different Station:

| Obs. Date | Act. High | Act. Low | Act. Avg | Norm. High | Norm. Low | Norm. Avg. | Norm. Dept. | Rec. High | Rec. Year | Rec. Low | Rec. Year | Precip. Amt | Snow Amt. | Snow Ground | Heat Deg Day | Cool Deg Day |
|-----------|-----------|----------|----------|------------|-----------|------------|-------------|-----------|-----------|----------|-----------|-------------|-----------|-------------|--------------|--------------|
| 1 | 105 | 73 | 89 | 101 | 68 | 84 | 5 | 114 | 2012* | 46 | 1980* | 0 | 0 | 0 | 0 | 24 |
| 2 | 110 | 74 | 92 | 101 | 68 | 85 | 7 | 112 | 1960* | 56 | 1983* | 0 | 0 | 0 | 0 | 27 |
| 3 | 113 | 77 | 95 | 101 | 69 | 85 | 10 | 113 | 2016* | 55 | 1971* | 0 | 0 | 0 | 0 | 30 |
| 4 | 118 | 78 | 98 | 102 | 69 | 85 | 13 | 118 | 2016* | 56 | 1998* | 0 | 0 | 0 | 0 | 33 |
| 5 | 114 | 78 | 96 | 102 | 69 | 85 | 11 | 116 | 1957* | 55 | 1999* | 0 | 0 | 0 | 0 | 31 |
| 6 | 109 | 74 | 92 | 102 | 69 | 86 | 6 | 114 | 2002* | 59 | 1993* | 0 | 0 | 0 | 0 | 27 |
| 7 | 107 | 76 | 92 | 102 | 70 | 86 | 6 | 117 | 1985* | 52 | 1993* | 0 | 0 | 0 | 0 | 27 |
| 8 | 105 | 77 | 91 | 103 | 70 | 86 | 5 | 118 | 1955* | 58 | 1998* | 0 | 0 | 0 | 0 | 26 |
| 9 | 103 | 81 | 92 | 103 | 70 | 87 | 5 | 118 | 1955* | 57 | 1995* | 0 | 0 | 0 | 0 | 27 |
| 10 | 98 | 77 | 88 | 103 | 70 | 87 | 1 | 116 | 1994* | 60 | 1969* | 0 | 0 | 0 | 0 | 23 |
| 11 | 99 | 73 | 86 | 104 | 71 | 87 | -1 | 114 | 1956* | 56 | 1976* | 0 | 0 | 0 | 0 | 21 |
| 12 | 98 | 70 | 84 | 104 | 71 | 87 | -3 | 116 | 1956* | 62 | 1998* | 0 | 0 | 0 | 0 | 19 |
| 13 | 99 | 70 | 84 | 104 | 71 | 88 | -4 | 115 | 1979* | 56 | 1998* | 0 | 0 | 0 | 0 | 19 |
| 14 | 102 | 70 | 86 | 104 | 72 | 88 | -2 | 117 | 1966* | 59 | 1997* | 0 | 0 | 0 | 0 | 21 |
| 15 | 101 | 75 | 88 | 105 | 72 | 88 | 0 | 117 | 2000* | 54 | 1962* | 0 | 0 | 0 | 0 | 23 |
| 16 | 102 | 69 | 86 | 105 | 72 | 89 | -3 | 116 | 1971* | 58 | 1990* | 0 | 0 | 0 | 0 | 21 |
| 17 | 106 | 73 | 90 | 105 | 73 | 89 | 1 | 116 | 2015* | 57 | 1995* | 0 | 0 | 0 | 0 | 25 |
| 18 | 110 | 73 | 92 | 106 | 73 | 89 | 3 | 119 | 2015* | 60 | 1995* | 0 | 0 | 0 | 0 | 27 |
| 19 | 119 | 83 | 101 | 106 | 73 | 90 | 11 | 119 | 2016* | 61 | 1975* | 0 | 0 | 0 | 0 | 36 |
| 20 | 124 | 86 | 105 | 106 | 74 | 90 | 15 | 124 | 2016* | 58 | 1975* | 0 | 0 | 0 | 0 | 40 |
| 21 | 111 | 87 | 99 | 106 | 74 | 90 | 9 | 116 | 2008* | 64 | 1975* | 0 | 0 | 0 | 0 | 34 |
| 22 | 113 | 84 | 98 | 106 | 74 | 90 | 8 | 119 | 1960* | 65 | 2010* | 0 | 0 | 0 | 0 | 33 |
| 23 | 112 | 79 | 96 | 107 | 75 | 91 | 5 | 118 | 1961* | 63 | 1998* | 0 | 0 | 0 | 0 | 31 |
| 24 | 111 | 80 | 96 | 107 | 75 | 91 | 5 | 118 | 1994* | 63 | 1998* | 0 | 0 | 0 | 0 | 31 |
| 25 | 109 | 83 | 96 | 107 | 75 | 91 | 5 | 122 | 1970* | 66 | 1991* | 0 | 0 | 0 | 0 | 31 |
| 26 | 111 | 82 | 96 | 107 | 76 | 92 | 4 | 122 | 1990* | 61 | 1965* | 0 | 0 | 0 | 0 | 31 |
| 27 | 114 | 89 | 102 | 107 | 76 | 92 | 10 | 121 | 1973* | 62 | 1996* | 0 | 0 | 0 | 0 | 37 |
| 28 | 115 | 85 | 100 | 108 | 76 | 92 | 8 | 123 | 1994* | 67 | 1991* | 0 | 0 | 0 | 0 | 35 |
| 29 | 103 | 88 | 96 | 108 | 77 | 92 | 4 | 121 | 1994* | 67 | 1997* | 0 | 0 | 0 | 0 | 31 |
| 30 | 106 | 86 | 96 | 108 | 77 | 92 | 4 | 119 | 1972* | 68 | 1997* | 0.03 | 0 | 0 | 0 | 31 |

M = Missing

Actual Conditions For July 2016

Choose another month / year: _Month ▼ _Year ▼

Reports from: BLYTHE, CA [BLH]

Choose another location:

(Lat: 33.62 Lon:-114.72)

Enter a Different Station:

| Obs. Date | Act. High | Act. Low | Act. Avg | Norm. High | Norm. Low | Norm. Avg. | Norm. Dept. | Rec. High | Rec. Year | Rec. Low | Rec. Year | Precip. Amt | Snow Amt. | Snow Ground | Heat Deg Day | Cool Deg Day |
|-----------|-----------|----------|----------|------------|-----------|------------|-------------|-----------|-----------|----------|-----------|-------------|-----------|-------------|--------------|--------------|
| 1 | 108 | 83 | 96 | 108 | 77 | 93 | 3 | 118 | 1972* | 62 | 1982* | 0 | 0 | 0 | 0 | 31 |
| 2 | 108 | 83 | 96 | 108 | 78 | 93 | 3 | 119 | 2001* | 66 | 1995* | 0 | 0 | 0 | 0 | 31 |
| 3 | 108 | 83 | 96 | 108 | 78 | 93 | 3 | 119 | 1985* | 67 | 1979* | 0 | 0 | 0 | 0 | 31 |
| 4 | 112 | 81 | 96 | 108 | 78 | 93 | 3 | 121 | 1989* | 67 | 1956* | 0 | 0 | 0 | 0 | 31 |
| 5 | 111 | 80 | 96 | 108 | 79 | 93 | 3 | 118 | 1981* | 69 | 1987* | 0 | 0 | 0 | 0 | 31 |
| 6 | 109 | 82 | 96 | 108 | 79 | 94 | 2 | 117 | 1965* | 67 | 1994* | 0 | 0 | 0 | 0 | 31 |
| 7 | 107 | 79 | 93 | 108 | 79 | 94 | -1 | 117 | 1985* | 70 | 2005* | 0 | 0 | 0 | 0 | 28 |
| 8 | 109 | 79 | 94 | 108 | 79 | 94 | 0 | 119 | 1985* | 73 | 1949* | 0 | 0 | 0 | 0 | 29 |
| 9 | 113 | 81 | 97 | 108 | 80 | 94 | 3 | 118 | 1958* | 70 | 1987* | 0 | 0 | 0 | 0 | 32 |
| 10 | 115 | 78 | 96 | 108 | 80 | 94 | 2 | 118 | 1973* | 71 | 2015* | 0 | 0 | 0 | 0 | 31 |
| 11 | 107 | 75 | 91 | 108 | 80 | 94 | -3 | 118 | 1958* | 69 | 1974* | 0 | 0 | 0 | 0 | 26 |
| 12 | 109 | 79 | 94 | 108 | 80 | 94 | 0 | 118 | 1985* | 69 | 2015* | 0 | 0 | 0 | 0 | 29 |
| 13 | 109 | 76 | 92 | 108 | 80 | 94 | -2 | 119 | 2005* | 66 | 1962* | 0 | 0 | 0 | 0 | 27 |
| 14 | 114 | 80 | 97 | 108 | 80 | 94 | 3 | 118 | 2003* | 73 | 2011* | 0 | 0 | 0 | 0 | 32 |
| 15 | 115 | 88 | 102 | 108 | 81 | 95 | 7 | 117 | 2006* | 71 | 2001* | 0 | 0 | 0 | 0 | 37 |
| 16 | 109 | 86 | 98 | 108 | 81 | 95 | 3 | 119 | 1960* | 69 | 1993* | 0 | 0 | 0 | 0 | 33 |
| 17 | 105 | 88 | 96 | 108 | 81 | 95 | 1 | 121 | 2005* | 64 | 1983* | 0 | 0 | 0 | 0 | 31 |
| 18 | 109 | 82 | 96 | 108 | 81 | 95 | 1 | 118 | 2005* | 67 | 1987* | 0 | 0 | 0 | 0 | 31 |
| 19 | 110 | 84 | 97 | 108 | 81 | 95 | 2 | 119 | 1961* | 62 | 1987* | 0 | 0 | 0 | 0 | 32 |
| 20 | 113 | 84 | 98 | 108 | 81 | 95 | 3 | 118 | 1978* | 70 | 1993* | 0 | 0 | 0 | 0 | 33 |
| 21 | 116 | 86 | 101 | 108 | 81 | 95 | 6 | 118 | 2006* | 69 | 1973* | 0 | 0 | 0 | 0 | 36 |
| 22 | 116 | 87 | 102 | 108 | 81 | 95 | 7 | 120 | 2006* | 69 | 1995* | 0 | 0 | 0 | 0 | 37 |
| 23 | 113 | 88 | 100 | 108 | 81 | 95 | 5 | 117 | 1981* | 69 | 1987* | 0 | 0 | 0 | 0 | 35 |
| 24 | 110 | 88 | 99 | 108 | 81 | 95 | 4 | 117 | 1980* | 73 | 1995* | 0 | 0 | 0 | 0 | 34 |
| 25 | 112 | 84 | 98 | 108 | 82 | 95 | 3 | 117 | 2000* | 71 | 1993* | 0 | 0 | 0 | 0 | 33 |
| 26 | 113 | 89 | 101 | 108 | 82 | 95 | 6 | 118 | 1995* | 71 | 1986* | 0 | 0 | 0 | 0 | 36 |
| 27 | 116 | 88 | 102 | 108 | 82 | 95 | 7 | 120 | 1998* | 72 | 1993* | 0 | 0 | 0 | 0 | 37 |
| 28 | 115 | 90 | 102 | 108 | 82 | 95 | 7 | 123 | 1995* | 68 | 1987* | 0 | 0 | 0 | 0 | 37 |
| 29 | 114 | 87 | 100 | 108 | 82 | 95 | 5 | 116 | 1972* | 64 | 1987* | 0 | 0 | 0 | 0 | 35 |
| 30 | 101 | 76 | 88 | 108 | 82 | 95 | -7 | 117 | 1995* | 73 | 1948* | 0.24 | 0 | 0 | 0 | 23 |
| 31 | 105 | 82 | 94 | 108 | 81 | 94 | 0 | 120 | 1972* | 72 | 2001* | 0 | 0 | 0 | 0 | 29 |

M = Missing

Actual Conditions For August 2016

Choose another month / year: _Month ▼ _Year ▼

Reports from: BLYTHE, CA [BLH]

Choose another location:

(Lat: 33.62 Lon:-114.72)

Enter a Different Station:

| Obs. Date | Act. High | Act. Low | Act. Avg | Norm. High | Norm. Low | Norm. Avg. | Norm. Dept. | Rec. High | Rec. Year | Rec. Low | Rec. Year | Precip. Amt | Snow Amt. | Snow Ground | Heat Deg Day | Cool Deg Day |
|-----------|-----------|----------|----------|------------|-----------|------------|-------------|-----------|-----------|----------|-----------|-------------|-----------|-------------|--------------|--------------|
| 1 | 105 | 83 | 94 | 108 | 81 | 94 | 0 | 120 | 1972* | 70 | 1959* | 0 | 0 | 0 | 0 | 29 |
| 2 | 105 | 83 | 94 | 108 | 81 | 94 | 0 | 118 | 1995* | 70 | 1976* | 0 | 0 | 0 | 0 | 29 |
| 3 | 107 | 85 | 96 | 107 | 81 | 94 | 2 | 118 | 1998* | 68 | 1976* | 0 | 0 | 0 | 0 | 31 |
| 4 | 107 | 86 | 96 | 107 | 81 | 94 | 2 | 118 | 1969* | 67 | 1976* | 0 | 0 | 0 | 0 | 31 |
| 5 | 109 | 85 | 97 | 107 | 81 | 94 | 3 | 118 | 2000* | 70 | 1976* | 0 | 0 | 0 | 0 | 32 |
| 6 | 110 | 83 | 96 | 107 | 81 | 94 | 2 | 118 | 1995* | 66 | 1976* | 0 | 0 | 0 | 0 | 31 |
| 7 | 112 | 84 | 98 | 107 | 81 | 94 | 4 | 117 | 1980* | 68 | 1988* | 0 | 0 | 0 | 0 | 33 |
| 8 | 111 | 81 | 96 | 107 | 81 | 94 | 2 | 119 | 1980* | 69 | 1999* | 0 | 0 | 0 | 0 | 31 |
| 9 | 104 | 83 | 94 | 107 | 81 | 94 | 0 | 115 | 1995* | 68 | 2009* | 0 | 0 | 0 | 0 | 29 |
| 10 | 104 | 84 | 94 | 107 | 81 | 94 | 0 | 116 | 2003* | 67 | 1949* | 0 | 0 | 0 | 0 | 29 |
| 11 | 104 | 83 | 94 | 107 | 81 | 94 | 0 | 116 | 1962* | 70 | 1999* | 0 | 0 | 0 | 0 | 29 |
| 12 | 106 | 85 | 96 | 107 | 81 | 94 | 2 | 116 | 1962* | 69 | 1949* | 0 | 0 | 0 | 0 | 31 |
| 13 | 113 | 87 | 100 | 107 | 81 | 94 | 6 | 119 | 1960* | 66 | 1993* | 0 | 0 | 0 | 0 | 35 |
| 14 | 112 | 88 | 100 | 107 | 80 | 94 | 6 | 117 | 1962* | 65 | 1968* | 0 | 0 | 0 | 0 | 35 |
| 15 | 116 | 87 | 102 | 107 | 80 | 94 | 8 | 116 | 2016* | 64 | 1993* | 0 | 0 | 0 | 0 | 37 |
| 16 | 115 | 83 | 99 | 107 | 80 | 94 | 5 | 116 | 2015* | 67 | 1980* | 0 | 0 | 0 | 0 | 34 |
| 17 | 110 | 85 | 98 | 107 | 80 | 94 | 4 | 116 | 1992* | 67 | 1980* | 0 | 0 | 0 | 0 | 33 |
| 18 | 108 | 84 | 96 | 107 | 80 | 93 | 3 | 115 | 1992* | 64 | 1976* | 0 | 0 | 0 | 0 | 31 |
| 19 | 105 | 79 | 92 | 107 | 80 | 93 | -1 | 114 | 1973* | 66 | 1976* | 0 | 0 | 0 | 0 | 27 |
| 20 | 104 | 84 | 94 | 107 | 80 | 93 | 1 | 113 | 1992* | 68 | 1980* | 0 | 0 | 0 | 0 | 29 |
| 21 | 98 | 77 | 88 | 107 | 80 | 93 | -5 | 116 | 1969* | 69 | 2014* | 0.14 | 0 | 0 | 0 | 23 |
| 22 | 106 | 78 | 92 | 107 | 79 | 93 | -1 | 116 | 1972* | 68 | 2014* | 0 | 0 | 0 | 0 | 27 |
| 23 | 102 | 81 | 92 | 106 | 79 | 93 | -1 | 116 | 2011* | 64 | 1968* | 0 | 0 | 0 | 0 | 27 |
| 24 | 108 | 78 | 93 | 106 | 79 | 93 | 0 | 119 | 1985* | 66 | 1968* | 0 | 0 | 0 | 0 | 28 |
| 25 | 107 | 83 | 95 | 106 | 79 | 93 | 2 | 115 | 1985* | 68 | 1973* | 0 | 0 | 0 | 0 | 30 |
| 26 | 102 | 81 | 92 | 106 | 79 | 92 | 0 | 115 | 2011* | 66 | 1951* | 0 | 0 | 0 | 0 | 27 |
| 27 | 101 | 80 | 90 | 106 | 79 | 92 | -2 | 115 | 2005* | 67 | 1973* | 0 | 0 | 0 | 0 | 25 |
| 28 | 106 | 75 | 90 | 106 | 78 | 92 | -2 | 118 | 1998* | 65 | 1973* | 0 | 0 | 0 | 0 | 25 |
| 29 | 111 | 78 | 94 | 106 | 78 | 92 | 2 | 118 | 1948* | 66 | 1975* | 0 | 0 | 0 | 0 | 29 |
| 30 | 112 | 80 | 96 | 106 | 78 | 92 | 4 | 116 | 1998* | 62 | 1957* | 0 | 0 | 0 | 0 | 31 |
| 31 | 110 | 82 | 96 | 106 | 78 | 92 | 4 | 119 | 1950* | 62 | 1992* | 0 | 0 | 0 | 0 | 31 |

M = Missing

Actual Conditions For September 2016

Choose another month / year: Month ▼ _Year ▼ GO

Reports from: BLYTHE, CA [BLH]

Choose another location: Postal Code or City GO

(Lat: 33.62 Lon:-114.72)

Enter a Different Station: station GO

| Obs. Date | Act. High | Act. Low | Act. Avg | Norm. High | Norm. Low | Norm. Avg. | Norm. Dept. | Rec. High | Rec. Year | Rec. Low | Rec. Year | Precip. Amt | Snow Amt. | Snow Ground | Heat Deg Day | Cool Deg Day |
|-----------|-----------|----------|----------|------------|-----------|------------|-------------|-----------|-----------|----------|-----------|-------------|-----------|-------------|--------------|--------------|
| 1 | 104 | 83 | 94 | 105 | 78 | 91 | 3 | 121 | 1950* | 64 | 1966* | 0 | 0 | 0 | 0 | 29 |
| 2 | 106 | 84 | 95 | 105 | 77 | 91 | 4 | 118 | 1948* | 64 | 2000* | 0 | 0 | 0 | 0 | 30 |
| 3 | 106 | 81 | 94 | 105 | 77 | 91 | 3 | 118 | 1948* | 65 | 1964* | 0 | 0 | 0 | 0 | 29 |
| 4 | 101 | 72 | 86 | 105 | 77 | 91 | -5 | 115 | 1948* | 61 | 1985* | 0 | 0 | 0 | 0 | 21 |
| 5 | 99 | 69 | 84 | 105 | 76 | 90 | -6 | 113 | 1955* | 59 | 1976* | 0 | 0 | 0 | 0 | 19 |
| 6 | 99 | 66 | 82 | 104 | 76 | 90 | -8 | 114 | 1955* | 66 | 2016* | 0 | 0 | 0 | 0 | 17 |
| 7 | 95 | 79 | 87 | 104 | 76 | 90 | -3 | 112 | 1994* | 60 | 1985* | 0 | 0 | 0 | 0 | 22 |
| 8 | 100 | 79 | 90 | 104 | 75 | 90 | 0 | 116 | 1979* | 65 | 2010* | 0 | 0 | 0 | 0 | 25 |
| 9 | 105 | 77 | 91 | 104 | 75 | 89 | 2 | 114 | 1993* | 62 | 1961* | 0 | 0 | 0 | 0 | 26 |
| 10 | 110 | 75 | 92 | 103 | 75 | 89 | 3 | 114 | 1990* | 63 | 2005* | 0 | 0 | 0 | 0 | 27 |
| 11 | 109 | 78 | 94 | 103 | 74 | 89 | 5 | 115 | 1990* | 61 | 1985* | 0 | 0 | 0 | 0 | 29 |
| 12 | 103 | 78 | 90 | 103 | 74 | 88 | 2 | 113 | 1971* | 59 | 1985* | 0 | 0 | 0 | 0 | 25 |
| 13 | 95 | 73 | 84 | 102 | 74 | 88 | -4 | 112 | 1971* | 58 | 1985* | 0 | 0 | 0 | 0 | 19 |
| 14 | 92 | 67 | 80 | 102 | 73 | 88 | -8 | 113 | 1971* | 60 | 2005* | 0 | 0 | 0 | 0 | 15 |
| 15 | 96 | 60 | 78 | 102 | 73 | 87 | -9 | 113 | 2000* | 60 | 2016* | 0 | 0 | 0 | 0 | 13 |
| 16 | 99 | 61 | 80 | 101 | 72 | 87 | -7 | 110 | 1962* | 61 | 2016* | 0 | 0 | 0 | 0 | 15 |
| 17 | 102 | 63 | 82 | 101 | 72 | 86 | -4 | 112 | 1962* | 61 | 1977* | 0 | 0 | 0 | 0 | 17 |
| 18 | 105 | 67 | 86 | 100 | 72 | 86 | 0 | 111 | 1980* | 57 | 1985* | 0 | 0 | 0 | 0 | 21 |
| 19 | 99 | 72 | 86 | 100 | 71 | 86 | 0 | 113 | 1962* | 56 | 1985* | 0 | 0 | 0 | 0 | 21 |
| 20 | 86 | 72 | 79 | 100 | 71 | 85 | -6 | 108 | 1962* | 53 | 1971* | 0.13 | 0 | 0 | 0 | 14 |
| 21 | 88 | 72 | 80 | 99 | 70 | 85 | -5 | 108 | 2009* | 59 | 1986* | 0 | 0 | 0 | 0 | 15 |
| 22 | 97 | 72 | 84 | 99 | 70 | 84 | 0 | 110 | 1966* | 55 | 1988* | 0 | 0 | 0 | 0 | 19 |
| 23 | 88 | 63 | 76 | 98 | 70 | 84 | -8 | 111 | 1966* | 56 | 2007* | 0 | 0 | 0 | 0 | 11 |
| 24 | 95 | 60 | 78 | 98 | 69 | 84 | -6 | 109 | 2002* | 54 | 1986* | 0 | 0 | 0 | 0 | 13 |
| 25 | 97 | 73 | 85 | 98 | 69 | 83 | 2 | 110 | 2015* | 59 | 1993* | 0 | 0 | 0 | 0 | 20 |
| 26 | 99 | 78 | 88 | 97 | 68 | 83 | 5 | 110 | 2010* | 53 | 1971* | 0 | 0 | 0 | 0 | 23 |
| 27 | 93 | 76 | 84 | 97 | 68 | 82 | 2 | 110 | 2010* | 54 | 1971* | 0 | 0 | 0 | 0 | 19 |
| 28 | 96 | 71 | 84 | 96 | 67 | 82 | 2 | 108 | 2009* | 55 | 1982* | 0 | 0 | 0 | 0 | 19 |
| 29 | 95 | 71 | 83 | 96 | 67 | 81 | 2 | 110 | 1980* | 56 | 2013* | 0 | 0 | 0 | 0 | 18 |
| 30 | 100 | 71 | 86 | 96 | 66 | 81 | 5 | 109 | 1980* | 51 | 2005* | 0 | 0 | 0 | 0 | 21 |

M = Missing

Actual Conditions For October 2016

Choose another month / year: Month ▼ _Year ▼

Reports from: BLYTHE, CA [BLH]

Choose another location:

(Lat: 33.62 Lon:-114.72)

Enter a Different Station:

| Obs. Date | Act. High | Act. Low | Act. Avg | Norm. High | Norm. Low | Norm. Avg. | Norm. Dept. | Rec. High | Rec. Year | Rec. Low | Rec. Year | Precip. Amt | Snow Amt. | Snow Ground | Heat Deg Day | Cool Deg Day |
|-----------|-----------|----------|----------|------------|-----------|------------|-------------|-----------|-----------|----------|-----------|-------------|-----------|-------------|--------------|--------------|
| 1 | 99 | 74 | 86 | 95 | 66 | 80 | 6 | 111 | 1980* | 53 | 1971* | 0 | 0 | 0 | 0 | 21 |
| 2 | 97 | 71 | 84 | 95 | 66 | 80 | 4 | 111 | 1980* | 52 | 1971* | 0 | 0 | 0 | 0 | 19 |
| 3 | 86 | 62 | 74 | 94 | 65 | 80 | -6 | 107 | 1987* | 49 | 2002* | 0 | 0 | 0 | 0 | 9 |
| 4 | 87 | 62 | 74 | 94 | 65 | 79 | -5 | 107 | 1987* | 53 | 2002* | 0 | 0 | 0 | 0 | 9 |
| 5 | 88 | 62 | 75 | 93 | 64 | 79 | -4 | 108 | 1987* | 52 | 2009* | 0 | 0 | 0 | 0 | 10 |
| 6 | 91 | 61 | 76 | 93 | 64 | 78 | -2 | 110 | 1987* | 49 | 2009* | 0 | 0 | 0 | 0 | 11 |
| 7 | 94 | 63 | 78 | 93 | 63 | 78 | 0 | 108 | 1987* | 49 | 2009* | 0 | 0 | 0 | 0 | 13 |
| 8 | 98 | 68 | 83 | 92 | 63 | 78 | 5 | 106 | 1996* | 51 | 2011* | 0 | 0 | 0 | 0 | 18 |
| 9 | 98 | 69 | 84 | 92 | 62 | 77 | 7 | 106 | 1996* | 46 | 1949* | 0 | 0 | 0 | 0 | 19 |
| 10 | 97 | 66 | 82 | 91 | 62 | 77 | 5 | 107 | 1991* | 48 | 1949* | 0 | 0 | 0 | 0 | 17 |
| 11 | 96 | 67 | 82 | 91 | 62 | 76 | 6 | 105 | 1965* | 50 | 2013* | 0 | 0 | 0 | 0 | 17 |
| 12 | 97 | 63 | 80 | 90 | 61 | 76 | 4 | 105 | 1999* | 50 | 2000* | 0 | 0 | 0 | 0 | 15 |
| 13 | 95 | 62 | 78 | 90 | 61 | 76 | 2 | 106 | 1950* | 47 | 1969* | 0 | 0 | 0 | 0 | 13 |
| 14 | 97 | 62 | 80 | 90 | 61 | 75 | 5 | 103 | 1961* | 50 | 1994* | 0 | 0 | 0 | 0 | 15 |
| 15 | 97 | 62 | 80 | 89 | 60 | 75 | 5 | 103 | 1950* | 52 | 1986* | 0 | 0 | 0 | 0 | 15 |
| 16 | 94 | 65 | 80 | 89 | 60 | 74 | 6 | 102 | 1958* | 49 | 1980* | 0 | 0 | 0 | 0 | 15 |
| 17 | 87 | 62 | 74 | 89 | 59 | 74 | 0 | 101 | 2011* | 46 | 1994* | 0 | 0 | 0 | 0 | 9 |
| 18 | 90 | 64 | 77 | 88 | 59 | 74 | 3 | 104 | 2003* | 41 | 1971* | 0 | 0 | 0 | 0 | 12 |
| 19 | 93 | 66 | 80 | 88 | 59 | 73 | 7 | 104 | 2003* | 41 | 1971* | 0 | 0 | 0 | 0 | 15 |
| 20 | 93 | 64 | 78 | 87 | 58 | 73 | 5 | 103 | 2003* | 42 | 1949* | 0 | 0 | 0 | 0 | 13 |
| 21 | 96 | 65 | 80 | 87 | 58 | 72 | 8 | 104 | 2003* | 44 | 1949* | 0 | 0 | 0 | 0 | 15 |
| 22 | 98 | 61 | 80 | 87 | 58 | 72 | 8 | 104 | 2003* | 44 | 1996* | 0 | 0 | 0 | 0 | 15 |
| 23 | 95 | 63 | 79 | 86 | 57 | 72 | 7 | 101 | 2003* | 39 | 1996* | 0 | 0 | 0 | 0 | 14 |
| 24 | 90 | 68 | 79 | 86 | 57 | 71 | 8 | 102 | 1959* | 42 | 1996* | 0.14 | 0 | 0 | 0 | 14 |
| 25 | 87 | 65 | 76 | 86 | 56 | 71 | 5 | 98 | 1965* | 44 | 1975* | 0 | 0 | 0 | 0 | 11 |
| 26 | 91 | 65 | 78 | 85 | 56 | 71 | 7 | 98 | 1965* | 41 | 1971* | 0 | 0 | 0 | 0 | 13 |
| 27 | 91 | 66 | 78 | 85 | 56 | 70 | 8 | 99 | 2008* | 45 | 1971* | 0 | 0 | 0 | 0 | 13 |
| 28 | 93 | 67 | 80 | 84 | 55 | 70 | 10 | 98 | 1965* | 44 | 1996* | 0 | 0 | 0 | 0 | 15 |
| 29 | 93 | 71 | 82 | 84 | 55 | 69 | 13 | 97 | 1965* | 33 | 1971* | 0 | 0 | 0 | 0 | 17 |
| 30 | 92 | 67 | 80 | 84 | 55 | 69 | 11 | 95 | 1966* | 27 | 1971* | 0 | 0 | 0 | 0 | 15 |
| 31 | 81 | 60 | 70 | 83 | 54 | 69 | 1 | 97 | 1966* | 29 | 1971* | 0 | 0 | 0 | 0 | 5 |

M = Missing

Actual Conditions For November 2016

Choose another month / year: Month ▼ _Year ▼

Reports from: BLYTHE, CA [BLH]

Choose another location:

(Lat: 33.62 Lon:-114.72)

Enter a Different Station:

| Obs. Date | Act. High | Act. Low | Act. Avg | Norm. High | Norm. Low | Norm. Avg. | Norm. Dept. | Rec. High | Rec. Year | Rec. Low | Rec. Year | Precip. Amt | Snow Amt. | Snow Ground | Heat Deg Day | Cool Deg Day |
|--------------|--------------|-------------|-------------|---------------|--------------|---------------|----------------|--------------|--------------|-------------|--------------|----------------|--------------|----------------|-----------------|-----------------|
| 1 | 80 | 53 | 66 | 83 | 54 | 68 | -2 | 95 | 1997* | 42 | 1972* | 0 | 0 | 0 | 0 | 1 |
| 2 | 84 | 61 | 72 | 82 | 53 | 68 | 4 | 93 | 1997* | 38 | 1971* | 0 | 0 | 0 | 0 | 7 |
| 3 | 89 | 63 | 76 | 82 | 53 | 67 | 9 | 95 | 2010* | 40 | 1979* | 0 | 0 | 0 | 0 | 11 |
| 4 | 86 | 59 | 72 | 81 | 53 | 67 | 5 | 94 | 2010* | 38 | 1956* | 0 | 0 | 0 | 0 | 7 |
| 5 | 87 | 59 | 73 | 81 | 52 | 67 | 6 | 94 | 1980* | 43 | 1994* | 0 | 0 | 0 | 0 | 8 |
| 6 | 89 | 58 | 74 | 80 | 52 | 66 | 8 | 94 | 1988* | 42 | 2011* | 0 | 0 | 0 | 0 | 9 |
| 7 | 89 | 57 | 73 | 80 | 52 | 66 | 7 | 92 | 2007* | 41 | 1993* | 0 | 0 | 0 | 0 | 8 |
| 8 | 93 | 63 | 78 | 80 | 51 | 65 | 13 | 93 | 2016* | 40 | 2011* | 0 | 0 | 0 | 0 | 13 |
| 9 | 90 | 63 | 76 | 79 | 51 | 65 | 11 | 90 | 2016* | 41 | 2000* | 0 | 0 | 0 | 0 | 11 |
| 10 | 87 | 57 | 72 | 79 | 50 | 64 | 8 | 89 | 1980* | 39 | 2010* | 0 | 0 | 0 | 0 | 7 |
| 11 | 86 | 54 | 70 | 78 | 50 | 64 | 6 | 88 | 2013* | 36 | 1950* | 0 | 0 | 0 | 0 | 5 |
| 12 | 86 | 54 | 70 | 78 | 49 | 64 | 6 | 91 | 1999* | 32 | 1950* | 0 | 0 | 0 | 0 | 5 |
| 13 | 87 | 57 | 72 | 77 | 49 | 63 | 9 | 93 | 1999* | 35 | 1985* | 0 | 0 | 0 | 0 | 7 |
| 14 | 89 | 52 | 70 | 77 | 49 | 63 | 7 | 91 | 1999* | 32 | 2000* | 0 | 0 | 0 | 0 | 5 |
| 15 | 86 | 51 | 68 | 76 | 48 | 62 | 6 | 90 | 1999* | 39 | 1994* | 0 | 0 | 0 | 0 | 3 |
| 16 | 85 | 55 | 70 | 76 | 48 | 62 | 8 | 88 | 1995* | 35 | 2000* | 0 | 0 | 0 | 0 | 5 |
| 17 | 72 | 52 | 62 | 75 | 47 | 61 | 1 | 89 | 1995* | 35 | 1958* | 0 | 0 | 0 | 3 | 0 |
| 18 | 72 | 47 | 60 | 75 | 47 | 61 | -1 | 87 | 2008* | 34 | 1958* | 0 | 0 | 0 | 5 | 0 |
| 19 | 72 | 42 | 57 | 74 | 47 | 60 | -3 | 87 | 2008* | 35 | 1958* | 0 | 0 | 0 | 8 | 0 |
| 20 | 73 | 51 | 62 | 74 | 46 | 60 | 2 | 87 | 2006* | 27 | 1994* | 0 | 0 | 0 | 3 | 0 |
| 21 | 73 | 54 | 64 | 73 | 46 | 60 | 4 | 87 | 1950* | 33 | 1994* | 0.01 | 0 | 0 | 1 | 0 |
| 22 | 74 | 50 | 62 | 73 | 45 | 59 | 3 | 88 | 1950* | 35 | 1992* | 0 | 0 | 0 | 3 | 0 |
| 23 | 74 | 43 | 58 | 72 | 45 | 59 | -1 | 86 | 1949* | 35 | 2010* | 0 | 0 | 0 | 7 | 0 |
| 24 | 75 | 52 | 64 | 72 | 45 | 58 | 6 | 87 | 1995* | 34 | 1971* | 0 | 0 | 0 | 1 | 0 |
| 25 | 76 | 44 | 60 | 71 | 44 | 58 | 2 | 87 | 1950* | 32 | 1952* | 0 | 0 | 0 | 5 | 0 |
| 26 | 65 | 42 | 54 | 71 | 44 | 58 | -4 | 87 | 1995* | 34 | 2010* | 0 | 0 | 0 | 11 | 0 |
| 27 | 70 | 46 | 58 | 70 | 44 | 57 | 1 | 86 | 1954* | 26 | 2010* | 0.05 | 0 | 0 | 7 | 0 |
| 28 | 66 | 38 | 52 | 70 | 43 | 57 | -5 | 83 | 1949* | 30 | 1994* | 0 | 0 | 0 | 13 | 0 |
| 29 | 66 | 44 | 55 | 70 | 43 | 56 | -1 | 83 | 1953* | 33 | 1976* | 0 | 0 | 0 | 10 | 0 |
| 30 | 65 | 38 | 52 | 69 | 43 | 56 | -4 | 82 | 2008* | 32 | 1975* | 0 | 0 | 0 | 13 | 0 |

M = Missing

Appendix D

Field Data

Appendix D

Field Data

Active Channels

Field Data Sheet : Identification of Geomorphic Indicators of Upland and Watercourse Areas

| | | |
|---|--|--|
| Sample Point # and/or Drainage ID # RS'-f0.- | Date: nl 13//rn | Representative photo taken? _Y_ Yes / _ No |
| Upland Indicators | Watercourse Indicators | |
| Av Horlwn | Bars: mud, sand & gravel | Ripples |
| Biotic Soil Crust | Beach ridges | Scour |
| Blotubation | Bifurcat ed flow | Secondary channels |
| caliche-coatings. layers, rubble | B1ot1c crusts | Secondary channel bypassing obstruction |
| carbonate etching | Drainage swales | Sediment sheets |
| Clast / rock weathennng | Crusts: carbonate, sail, & soda | Sand filled channels |
| Coppice dunes: acuve & relict | Cut banks | Scour holesdownstream of obstructions |
| Deflated surfaces | Des1ccat1on Mud:cracks, curls/ drapes | Sediment plastering |
| Desert pavement | Drrft:organic | Sediment ramps |
| Over-turned rock | Exposed roots below intact soilayer | Sediment sorting |
| Relict bar & swale | Flow or streaming llneations | Sediment- tails |
| Relict channel | Headcuts | Springs |
| Rock fracture in place | Imbricated gravel | Stainingof rocks |
| Rock varnish | Knick Points | St epped-bed morphology in gravel |
| No flow or ponding indicators | Levee Ridges: sand & gravel | Substrate staining |
| Rubified rock undersides | Observed inundati on. nood1ng, ponding , or substrate saturation | egetation - channel alignment |
| SOlidevelopment | Out of channel flow | Water-cut benches |
| Surface rounding of landform | Overturned rocks | Water levelmarks |
| Woody debris in place | Rliis | Wrack, woody |
| Note s: | | |
| <p>• Adapted from: A Field Guide to the Identification of the Ordinary High Water Mark (OHWM) in the Arid West Region of the Western United States, A Delineation Manual (Lichvar and McColley 2008); and Methods to Describe and Delineate Episodic Stream Process on Arid Landscapes for Permitting Utility-Scale Solar Power Plants (Brady and Vyverberg, 2013).</p> | | |

Field Data Sheet : Identification of Geomorphic Indicators of Upland and Watercourse Areas

| Sample Point # and/or DrainageID# | Date: | Representative photo taken?_ | Yes / No |
|--|--|---|----------|
| Upland Indicators | Watercourse Indicators | | |
| Av Horizon | Bars: mud, sand & gravel | Ripples | |
| Biotic Soil Crust | Beach ridges | Scour | |
| Bioturbation | Bifurcated flow | Secondary channels | |
| caliche ; coatings. layers, rubble | B,ouc crusts | Secondary channel bypassing obstruction | |
| Carbonate etching | Drainage swales | Sediment sheets | |
| Clast / rock weathering | Crusts. carbonate, salt, & soda | Sand filled channels | |
| Coppice dunes: active & relict | ut banks | Scourholes downstream of obstructions | |
| Deflated surface | Desiccation Mud: cracks, curls/ drapes | Sediment plastering | |
| Desert pavement | organic | Sediment ramps | |
| Over-turned rock | Exposed roots below intact soil layer | Sediment sorting | |
| Relict bar & swale | Flow or streaming lineations | Sediment tails | |
| Relict channel | Headcuts | Springs | |
| Rock fracture in place | Imbricated gravel | Staining of rocks | |
| Rock varnish | Iron Points | Stepped-bed morphology in gravel | |
| No flow or ponding indicators | Levee Ridges sand & gravel | Substrate staining | |
| Rubified rock undersides | Observed ,undation: flooding. ponding, or substrate saturation | Vegetation - channel alignment | |
| Soil development | Out of channel flow | Water-cut benches | |
| Surface rounding of landform | Overtuned rocks | Water level marks | |
| Woody debris in place | RLiis | Wrack, woody | |
| Notes: | | | |
| <p>• Adapted from: A Field Guide to the Identification of the Ordinary High Water Mark (OHWM) in the Arid West Region of the Western United States, A Delineation Manual (Lichvar and McColl ey 2008); and Methods to Describe and Delineate Episodic Stream Processes on Arid Landscapes for Permitting Utility-Scale Solar Power Plants (Brady and Vyverberg , 2013) .</p> | | | |

| Field Data Sheet: Identification of Geomorphic Indicators of Upland and Watercourse Areas | | |
|---|---|---|
| Sample Point # and/or Drainage ID # | Date: | Representative photo taken?_ |
| t.-<Llto | 1111 11/> | Yes/.,P o |
| Upland Indicators | Watercourse Indicators | |
| Av Horizon | Bars: mud. sand & gravel | Ripples |
| Biotic Soil Crust | Beach ridges | Scour |
| Bioturbation | Bifurcated flow | Secondary channels |
| Caliche: coatings, layers, rubble | Biotic crusts | Secondary channel bypassing obstruction |
| Carbonate etching | Drainage swales | Sediment sheets |
| Clast / rock weathering | Crusts: carbonate, salt, & soda | Sand filled channels |
| Coppice dunes: active & relict | /ut banks | Scour holes downstream of obstructions |
| Deflated surfaces | Desiccation Mud: cracks, curls/ drapes | Sediment plastering |
| Desert pavement | Dri ft; organic | Sediment ramps |
| Over-turned rock | Exposed roots below intact soil layer | Sediment sorting |
| Relict bar & swale | Flow or streaming lineations | Sediment: tails |
| Relict channel | Headcuts | Springs |
| Rock fracture in place | Imbricated gravel | Staining of rocks |
| Rock varnish | Urn-like Points | Stepped-bed morphology in gravel |
| No flow or ponding indicators | Levee Ridges: sand & gravel | Substrate staining |
| Rubified rock undersides | Observed Inundation: flooding, ponding, or substrate saturation | Vegetation - channel alignment |
| Soil development | Out of channel flow | Water-cut benches |
| Surface rounding of land form | Overturned rocks | Water level marks |
| Woody debris in place | Rills | Wrack: woody |
| Notes: | | |
| <p>• Adapted from: A Field Guide to the Identification of the Ordinary High Water Mark (OHWM) in the Arid West Region of the Western United States, A Delineation Manual (Lichvar and McColley 2008); and Methods to Describe and Delineate Episodic Stream Process on Arid Landscapes for Permitting Utility-Scale Solar Power Plants (Brady and Vyverberg, 2013).</p> | | |

*Adapted from: A Field Guide to the Identification of the Ordinary High Water Mark (OHWM) in the Arid West Region of the Western United States, A Delineation Manual (Lichvar and McColley 2008); and Methods to Describe and Delineate Episodic Stream Process on Arid Landscapes for Permitting Utility-Scale Solar Power Plants (Brady and Vyverberg, 2013).

| Field Data Sheet: Identification of Geomorphic Indicators of Upland and Watercourse Areas | | |
|--|---|--|
| Sample Point# _____ and/or Drainage ID# _____ | Date: _____ <i>1 / 1tp / (ID</i> | Representative photo taken? <input type="checkbox"/> Yes / <input type="checkbox"/> No |
| <i>Upland Indicators</i> | <i>Watercourse Indicators</i> | |
| Av Horizon | Bars: mud, sand & gravel | Ripples |
| Biotic Soil Crust | Beach ridges | <i>v''</i> 'Scour |
| Bioturbation | Bifurcated flow | Secondary channels |
| Caliche ¹ . coatings, layers, rubble | Biotic crusts | Secondary channel bypassing obstruction |
| Carbonate etching | Drainage swales | Sediment sheets |
| Clast / rock weathering | Crusts: carbonate, salt, & soda | Sand filled channels |
| Coppice dunes: active & relict | / Cut banks | Scour holes downstream of obstructions |
| Deflated surfaces | Desiccation Mud- cracks, curls/ drapes | Sediment plastering |
| Desert pavement | <i> </i> <i>f</i> Drift: organic | Sediment ramps |
| Over - turned rock | Exposed roots below intact soil layer | Sediment sorting |
| Relict bar & swale | Flow or streaming lineations | Sediment: tails |
| Relict channel | Headcuts | Springs |
| Rock fracture in place | Imbricated gravel | Staining of rocks |
| Rock varnish | Knick Points | Stepped-bed morphology In gravel |
| No now or ponding indicators | Levee Ridges: sand & gravel | Substrate staining |
| Rubified rock undersides | Observed Inundation: flooding, ponding, or substrate saturation | Vegetation - channel alignment |
| Soil development | Out of channel flow | Water-cut benches |
| Surface rounding of landform | Overturnd rocks | Water level marks |
| Woody debris In place | Rills | Wrack: woody |
| Notes: | | |
| • Adapted from : A Field Guide to the Identification of the Ordinary High Water Mark (OHWM) in the Arid West Region of the Western United States, A Delineation Manual (Uchvar and McColley 2008); and Methods to Describe and Delineate Episodic Stream Process on Arid Landscapes for Permitting Utility-Scale Solar Power Plants (Brady and Vyverberg, 2013). | | |

| Field Data Sheet : Identification of Geomorphic Indicators of Upland and Watercourse Areas | | |
|--|---|---|
| Sample Point # RR and/or IDS Drainage ID# | Date: 11/13/11 | Representative photo taken? <input type="checkbox"/> Yes / <input checked="" type="checkbox"/> No |
| Upland Indicators | Watercourse Indicators | |
| Av Horizon | Bars: mud, sand & gravel | Ripples |
| Biotic Soil Crust | Beach ridges | yscours |
| Bioturbation | Bifurcated flow | Secondary channels |
| Caliche: coatings, layers, rubble | Bouccrusts | Secondary channel bypassing obstruction |
| Carbonate etching | Drainage swales | Sediment sheets |
| Clast / rock weathering | Crusts, carbonate, salt, & soda | Sand filled channels |
| Coppice dunes; active & relict | /Cutbanks | Scour holes downstream of obstructions |
| Deflated surfaces | Desiccation Mud: cracks, curls/ drapes | Sediment plastering |
| Desert pavement | Drift: organic | Sediment ramps |
| Over-turned rock | Exposed roots below intact soil layer | Sediment sorting |
| Relict bar & swale | /Low streamlining features | Sediment: tails |
| Relict channel | Headcuts | Springs |
| Rock fracture in place | Imbedded gravel | Staining on rocks |
| Rock varnish | Knick Points | Stepped-bed morphology in gravel |
| No flow or ponding Indicators | Levee Ridge sand & gravel | Substrate staining |
| Rubified rock undersides | Observed inundation: flooding, ponding, or substrate saturation | Vegetation - channel alignment |
| Soil development | Out or channel flow | Water-cut benches |
| Surface rounding of landform | Overtaken rocks | Water level marks |
| Woody debris in place | Rills | Wrack: woody |
| Note s: | | |
| •Adapted from: A Field Guide to the Identification of the Ordinary High Water Mark (OHWM) in the Arid West Region of the Western United States, A Delineation Manual (Lichvar and McColley 2008); and Methods to Describe and Delineate Episodic Stream Process on Aridlandscapes for Permitting Utility-Scale Solar Power Plants (Brady and Vyverberg, 2013). | | |

| Field Data Sheet: Identification of Geomorphic Indicators of Upland and Watercourse Areas | | |
|---|---|--|
| Sample Point# and/or DrainageID # <u>RRLO'=f</u> | Date: <u>1 1/13)/1,</u> | Representative photo taken?_ Yes/ <u>_____</u> |
| <i>Upland Indicators</i> | <i>Watercourse Indicators</i> | |
| Av Horizon | Bars: mud, sand & gravel | Ripples |
| Biotic SollCrust | Beach ridges | Scour |
| Biotubation | Bifurcat ed now | Secondary channels |
| Caliche : coatings, layers,rubble | B1ot1c crusts | Secondary channel bypassing obstruction |
| Carbonate etching | Drainage swales | Sediment sheets |
| Clast / rock weathering | Crusts: carbonate, salt, & soda | Sand filled channels |
| Coppice dunes: active & relict | u t banks | Scour holesdownstream or obstructions |
| Deflated surfaces | Desiccation Mud: cracks, curl s/ drapes | Sedimen t plastering |
| Desert pavement | "_/' 'o nft: organic | Sediment ramps |
| Over-turned rock | Exposed roots below Intact soilayer | Sedimen t sorting |
| Relict bar &swale | /low ostreaming llineations | Sediment: tails |
| Relict channel | Headcuts | Springs |
| Rock frac ture on pl ace | Imbr ica ted gravel | Staining o f rocks |
| Rock varnish | Kmck Points | Stepped-bed morphology in gravel |
| No flow or ponding indicators | Levee Ridges: sand & gravel | Substrate staining |
| Rubified rock undersides | Observed inundation. flooding, ponding, or substrate saturation | Veget ation - channel alignmen t |
| Soil developmen t | Out of channel flow | Water-cut benches |
| Surface roun ding of land form | Overtu rned rocks | Water level marks |
| Woody debris In place | Rills | Wrack; woody |
| Notes : | | |
| •Adapted from: A Field Gulde to the Identificationof the Ordinary High Water Mark (OHWM)in the Arid West Region of the Western United States, A Delineation Manual (Lichvar and Mccolley 2008) ; and Methods to Describe andDelineate EpisodicStream Processon Arid Landscapes for Permitting Utility -ScaleSolar Power Plants (Brady and Vyverberg, 2013). | | |

Dormant Channels

Summary of Observed Physical Indicators of Fluvial Inactivity Associated with Abandoned Water Courses Within the Study Area

NOTE THAT DATA SHEETS ARE ORGANIZED BY TYPE OF HYDROLOGIC DISCONNECTION DESCRIBED BELOW

| Watercourse ID | Description of Hydrologic Disconnection | Physical Indicators of (fluvial inactivity) |
|--|--|---|
| RR1, RR2, & RR3 | Small localized erosional features (rill erosion) associated with dirt access road through plowed farm field. Storm water flow contained within localized land feature. Plowed soils intercept surface water flow (Attachment A, Figure 7, Sheet 5). | Hydrologically isolated; no evidence of flow to or from the channels. Field indicators of surface flow found only to be over a short distance within the channel before infiltrating into the soil. |
| RR7 & RR8 | Small localized erosional features (rill erosion) located on margins of graded dirt access road. Storm water flow contained within localized land feature. Roadway intercepts / cuts flow off. Roadway is actively maintained (Attachment A, Figure 7, Sheet 15). | Hydrologically isolated; no evidence of flow to or from the channels. Field indicators of surface flow found only to be over a short distance within the channel before infiltrating into the soil. |
| RR9, RR10, RR11, RR12, RR13, RR14, RR15, RR16, RR17, RR18, RR22, RR23, & RR40 | Small localized erosional features (rill erosion) located on margins of an abandoned graded dirt access road. Storm water flow contained within localized land feature. Roadway intercepts / cuts surface water flow off (Attachment A, Figure 7, Sheet 11). | Hydrologically isolated; no evidence of flow to or from the channels. Field indicators of surface flow found only to be over a short distance within the channel before infiltrating into the soil. |
| RR6 | Excavated ditch adjacent to abandoned cropland no longer irrigated from well-water source; Without irrigation, no excess irrigation runoff to ditch adjacent to constructed berm (Attachment A, Figure 7, Sheet 11). | Hydrologically isolated; no evidence of flow to or from the channel. No field indicators of flow found. |
| RR19, RR20a-f, RR21a-b, RR24a-e, RR25a-e, RR26, RR27a-b, RR28a-b, RR29, RR30a-b, RR31, RR32, RR33, RR34a-c, RR35, & RR36 | Small localized erosional features (rill erosion) located on margins of an abandoned graded earthen levee surrounding a former irrigated cropland. Features result of levee construction (Attachment A, Figure 7, Sheet 11). | Hydrologically isolated; no evidence of flow to or from the channels. Field indicators of surface flow found only to be over a short distance within the channel before infiltrating into the soil. |
| RR37, RR38a, RR38b, & RR39 | Storm water flow contained within localized land feature. Surface water flow cut-off upgradient by deeply incised dirt roadway maintained by periodic road grading; Roadway captures upslope surface water flows where they are absorbed into the soil. Roadway cut exposed underlying sand sheets / dune soils covered by alluvial fan deposits (see Appendix A, Figure 7, Sheets 10 & 15 and Figure 8). Hydrologically isolated with no flow to or from channels observed. Roadway is actively maintained. | Hydrologically isolated; no evidence of flow to or from the channels. Field indicators of surface flow found only to be over a short distance within the channel before infiltrating into the soil. |
| RR47b, RR69, RR70, RR73, RR83, & RR85 | Upgradient surface water flow cut-off from the west and northwest by sand sheet movement (see Appendix A, Figure 7, Sheet 10; and Figure 8). | Hydrologically isolated; no evidence of flow to or from the channels. Field indicators of surface flow found only to be over a short distance within the channel before infiltrating into |

Summary of Observed Physical Indicators of Fluvial Inactivity Associated with Abandoned Water Courses Within the Study Area

NOTE THAT DATA SHEETS ARE ORGANIZED BY TYPE OF HYDROLOGIC DISCONNECTION DESCRIBED BELOW

| Watercourse ID | Description of Hydrologic Disconnection | Physical Indicators of (fluvial inactivity) |
|---|--|---|
| | | the soil. |
| RR90, RR91, RR92, RR93, RR94, RR95, RR96, RR97, RR98, RR99, RR 100, RR101, & RR 102, | Upgradient surface water flow cut-off by sand sheet movement and dune soils. Hydrologically isolated with no flow to or from channels observed (see Appendix A, Figure 8). (see Appendix A, Figure 7, Sheets 16 and 17; and Figure 8). | Hydrologically isolated; no evidence of flow to or from the channels. Field indicators of surface flow found only to be over a short distance within the channel before infiltrating into the soil. |
| RR77 & RR80 | Surface water flows from Pallowalla Wash/ channel diverted by earthen dike and intercepted by detention channel to protect solar farm project located to the northwest (see Appendix A, Figure 7, Sheet 6; and Figure 8). | Hydrologically isolated; no evidence of flow to or from the channels. Field indicators of surface flow found only to be over a short distance within the channel before infiltrating into the soil. |
| RR66, RR67, RR68, RR81, & RR82, RR106 | Sand sheet formation between discharge point and historical stream channels prevents surface water from reaching channels (see Appendix A, Figure 7, Sheets 2, 3, 5, & 6; and Figure 8). | Hydrologically isolated; no evidence of flow to or from the channels. Field indicators of surface flow found only to be over a short distance within the channel before infiltrating into the soil. |
| RR42 – RR47a, RR48 - RR58, RR60, RR71, RR72, RR74 – RR76, RR84, RR86 - RR88, RR103, & RR104 | Sand sheet formation and movement combined with maintained incised dirt roadway cuts-off surface water flow to historical stream channels preventing surface water from reaching channels (see Appendix A, Figure 7, Sheets 9 & 10; and Figure 8). | Hydrologically isolated; no evidence of flow to or from the channels. Field indicators of surface flow found only to be over a short distance within the channel before infiltrating into the soil. |

Field Data Sheet: Identification of Geomorphic Indicators of Upland and Watercourse Areas,

| Field Data Sheet Identification of geomorphic indicators of Upland and Watercourse Areas | | Date: | | Representative photo taken?_ | | Yes/ | No |
|--|------------|--|--|---|--|------|----|
| Sample Point # and/or Drainage ID # | | | | | | | |
| | <i>RR.</i> | 11/13/Jlit | | | | | |
| <i>Upland Indicators</i> | | <i>Watercourse Indicators</i> | | | | | |
| Av Horizon | | Bars: mud, sand & gravel | | Ripples | | | |
| 81oticSoll Crust | | Beach ridges | | Scour | | | |
| Blotubation | | Bifurcated flow | | Secondary channels | | | |
| Callche: coatings, layers, rubble | | Biotic crusts | | Secondary channel bypassing obstruction | | | |
| Carbonate etching | | Drainage swales | | Sediment sheets | | | |
| Clast / rock weathering | | Crusts: carbonate, salt,& soda | | Sand filled channels | | | |
| Coppice dunes: active & relict | | i/utbanks | | Scour holesdownstream of obstructions | | | |
| Deflated surfaces | | Desiccat1on Mud : cracks, curls/ drapes | | Sediment plastering | | | |
| Desert pavement | | Dri ft: organic | | Sediment ramps | | | |
| Over-turned rock | | Exposed roots below Intact soil layer | | Sediment sorting | | | |
| Relict bar & swale | | Flow or streaming lineations | | Sediment: tails | | | |
| Relict channel | | Headcuts | | Springs | | | |
| Rock fracture In place | | Imbnicated gravel | | Staining of rocks | | | |
| Rock varnish | | Knick ?01nts | | Stepped-bed morpho logy in gravel | | | |
| No flow or pondingInd1ca t or s | | Levee Ridges: sand & gravel | | Substrate staining | | | |
| Rublfied rock undersides | | Observed Inundation: flooding, ponding, or substrate saturatl on | | Vegetation - channel alignment | | | |
| Solldevelopment | | Out of channel flow | | Water-cut benches | | | |
| Surface rounding of landform | | Overturned rocks | | Water level marks | | | |
| Woody debris in place | | Rliis | | Wrack: woody | | | |
| Notes: | | | | | | | |
| | | | | | | | |

•Adapted from:A FieldGuide to the Identification of the Ordinary High Water Mark(OHWM) In the Arid West Region of the Western United States, A Delineation Manual (Uchvar and Mccolley 2008); and Methods to Describe and Delineate EpisodicStream ?rocess on AridLandscapes for Perm i tt ing Utility-Scale Solar Power Plants (Brady and Vyverberg, 2013).

Field Data Sheet: Identification of Geomorphic Indicators of Upland and Watercourse Areas

| Field Data Sheet: Identification of geomorphic indicators of Upland and Watercourse Areas | | |
|---|---|---|
| Sample Point # and/or Drainage ID# | Date: | Representative photo taken?_ Yes/ No |
| <i>Upland Indicators</i> | <i>Watercourse Indicators</i> | |
| Av Horizon | Bars: mud, sand & gravel | Ripples |
| Biotitic Soil Crust | Beach ridges | Scour |
| Bioturbation | Bifurcated flow | Secondary channels |
| Caliche: coatings, layers, rubble | Biotic crusts | Secondary channel bypassing obstruction |
| Carbonate etching | Drainage swales | Sediment sheets |
| Clast / rock weathering | Crusts: carbonate, salt, & soda | Sand filled channels |
| Coppice dunes: active & relict | Cutbanks | Scour holes downstream of obstructions |
| Deflated surfaces | Desiccation Mud : cracks, curls/ drapes | Sediment plastering |
| Desert pavement | Drift: organic | Sediment ramps |
| Over-turned rock | Exposed roots below intact soil layer | Sediment sorting |
| Relict bar & swale | Flow streamlining lineations | Sediment: tails |
| Relict channel | Headcuts | Springs |
| Rock fracture in place | Imbricated gravel | Staining of rocks |
| Rock varnish | Knick Points | Stepped-bed morphology in gravel |
| No flow or ponding indicators | Levee Ridges: sand & gravel | Substrate staining |
| Rubified rock undersides | Observed Inundation: flooding, ponding, or substrate saturation | Vegetation - channel alignment |
| Soil development | Out of channel flow | Water-cut benches |
| Surface rounding of landform | Overtaken rocks | Water level marks |
| Woody debris in place | Rills | Wrack: woody |
| Notes: | | |
| <p>• Adapted from: A Field Guide to the Identification of the Ordinary High Water Mark (OHWM) in the Arid West Region of the Western United States, A Delineation Manual (Lichvar and McCollev 2008); and Methods to Describe and Delineate Episodic Stream Process on Aridlandscapes for Permitting Utility-Scale Solar Power Plants (Brady and Ververberg, 2013).</p> | | |

Field Data Sheet: Identification of Geomorphic Indicators of Upland and Watershed Areas

| | | |
|---|---|--|
| Sample Point # _____ : and/or DrainageID# <u><RC,:f</u> | Date: _____ <u>11)13)/</u> | Representative photo taken?_ Yes/ <u>L.0</u> |
| Upland Indicators | Watercourse Indicators | |
| Av Horizon | Bars: mud, sand & gravel | Ripples |
| Biotic Soil Crust | Beach ridges | Scour |
| Bioturbation | Bifurcated flow | Secondary channels |
| Caliche: coatings, layers, rubble | Biotic crusts | Secondary channel bypassing obstruction |
| Carbonate etching | Drainage swales | Sediment sheets |
| Clast / rock weathering | Crusts: carbonate, salt, & soda | Sand filled channels |
| Coppice dunes: active & relict | <u>/Cutbanks</u> | Scour holes downstream of obstructions |
| Deflated surfaces | Desiccation Mud: cracks, curls/ drapes | Sediment plastering |
| Desert pavement | Drift: organic | Sediment ramps |
| Over-turned rock | Exposed roots below intact soil layer | Sediment sorting |
| Relict bar & swale | <u>/Flow</u> streaming lineations | Sediment: tails |
| Relict channel | Headcuts | Springs |
| Rock fracture in place | Imbricated gravel | Staining of rocks |
| Rock varnish | Knick Points | Stepped-bed morphology in gravel |
| No flow or ponding Indicators | Levee Ridges: sand & gravel | Substrate staining |
| Rubbed rock undersides | Observed inundation: noodling, ponding, or substrate saturation | Vegetation - channel alignment |
| Soil development | Out of channel flow | Water-cut benches |
| Surface rounding of landform | Overtumed rocks | Water level marks |
| Woody debris in place | Rills | Wrack: woody |
| Notes: | | |
| <p>"Adapted from: A Field Guide to the Identification of the Ordinary High Water Mark (OHWM) in the Arid West Region of the Western United States, A Delineation Manual (Lichvar and McColley 2008); and Methods to Describe and Delineate Episodic Stream Process on Arid Landscapes for Permitting Utility-Scale Solar Power Plants (Brady and Vyverberg , 2013).</p> | | |

Field Data Sheet: Identification of Geomorphic Indicators of Upland and Watercourse Areas

| Sample Point # _____ : and/or Drainage ID # <u><i>RR.GS</i></u> | | Date: <u><i>7/3//</i></u> | Representative photo taken? __ Yes / <u><i>L</i></u> No |
|---|--|---|---|
| <i>Upland Indicators</i> | <i>I Watercourse Indicators</i> | | |
| Av Horizon | Bars: mud, sand & gravel | Ripples | |
| Biotic Soil Crust | Beach ridges | Scour | |
| Bioturbation | Bifurcated flow | Secondary channels | |
| Calliche: coatings, layers, rubble | Biotic crusts | Secondary channel bypassing obstruction | |
| Carbonate etching | Drainage swales | Sediment sheets | |
| Clast / rock weathering | Crusts: carbonate, salt, & soda | Sand filled channels | |
| Coppice dunes: active & relict | Cut banks | Scour holes downstream of obstructions | |
| Deflated surfaces | Desiccation Mud: cracks, curls/ drapes | Sediment plastering | |
| Desert pavement | Drift: organic | Sediment ramps | |
| Over-turned rock | Exposed roots below intact soil layer | Sediment sorting | |
| Relict bar & swale | Flow or streaming lineations | Sediment: tails | |
| Relict channel | Headcuts | Springs | |
| Rock fracture in place | Imbricated gravel | Staining of rocks | |
| Rock varnish | Knick Points | Stepped-bed morphology in gravel | |
| No flow or ponding indicators | Levee Ridges: sand & gravel | Substrate staining | |
| Rubified rock undersides | Observed inundation : noodling, ponding, or substrate saturation | Vegetation - channel alignment | |
| Soil development | Out of channel flow | Water-cut benches | |
| Surface rounding of landform | Overtaken rocks | Water level marks | |
| Woody debris in place | RLis | Wrack: woody | |
| Notes : | | | |

"Adapted from: A Field Guide to the Identification of the Ordinary High Water Mark (OHWM) in the Arid West Region of the Western United States, A Delineation Manual (Lithvarand McColley 2008); and Methods to Describe and Delineate Episodic Stream Processes on Arid Landscapes for Permitting Utility-Scale Solar Power Plants (Brady and Vyverberg, 2013).

Field Data Sheet: Identification of Geomorphic Indicators of Upland and Watercourse Areas

| Sample Point # and/or Drainage ID # | Date: | Representative photo taken? _ _ Yes/ |
|--|---|---|
| Upland Indicators | Watercourse Indicators | |
| Av Horizon | Bars: mud, sand & gravel | Ripples |
| Biotic SoilCrust | Beach ridges | Scour |
| Bioturbation | Bifurcated flow | Secondary channels |
| Caliche : coatings , layers, rubble | Biotic crusts | Secondary channel bypassing obstruction |
| Carbonate etching | Drainage swales | Sediment sheets |
| Clast / rock weathering | Crusts: carbonate, salt,& soda | Sand filled channels |
| Coppice dunes: active & relict | Gravel bars | Scour holes downstream of obstructions |
| Degraded surfaces | Desiccation Mud: cracks,curls / drapes | Sediment plastering |
| Desert pavement | Drift:organic | Sediment ramps |
| Over-turned rock | Exposed rootsbelow intact soil layer | Sediment sorting |
| Relict bar & swale | Flow or streaming lineations | Sediment: tails |
| Relict channel | Headcuts | Springs |
| Rock fracture In place | Imbricated gravel | Staining of rocks |
| Rock varnish | Knick Points | Stepped-bed morphology in gravel |
| No flow or ponding indicators | Levee Ridges: sand & gravel | Substrate staining |
| Rubified rock undersides | Observed inundation: flooding, ponding, or substrate saturation | Vegetation - channel alignment |
| Soil development | Out of channel flow | Water-cut benches |
| Surface rounding of landform | Overtumed rocks | Water level marks |
| Woody debris In place | Rills | Wrack: woody |
| Notes: | | |
| <p>*Adapted from: A Field Guide to the Identification of the Ordinary High Water Mark(OHWM) in the Arid West Region of the Western United States, A Delineation Manual (Ilchvar and McColley 2008) and Methods to Describe and Delineate Episodic Stream Process on Arid Landscapes for Permitting Utility-Scale Solar Power Plants(Brady and Vyverberg, 2013).</p> | | |

Active Watercourses

| Field Data Sheet: Identification of Geomorphic Indicators of Upland and Watercourse Areas | | |
|--|--|--|
| Sample Point# _____ and/or Drainage ID # <i>FP 1</i> | Date: <i>n/r //o</i> | Representative photo taken? ' <i>V'''</i> ' Yes/ <i>-</i> No <i>SP I-)-:</i> |
| <i>Upland Indicators</i> | <i>I Watercourse Indicators</i> | |
| Av Horizon | Bars: mud, sand & gravel | Ripples |
| Biotic Soil Crust | Beach rrdges | Scour |
| Blotubation | Bifurcated flow | Secondary channels |
| Caliche: coatings , layers, rubble | Biotic crusts | Secondary channel bypassing obstruction |
| Carbonate etching | Drainage swales | Sediment sheets |
| Oast / rock weathering | Crusts: carbonate, salt,& soda | Sand filled channels |
| Coppice dunes: active & relict | Cut banks | Scour holes downstream or obstructions |
| Deflated surfaces | V esiccation Mud: crackscurls/ drapes | Sediment plastering |
| Desert pavement | a''' .Drift:organic | Sediment ramps |
| Over-turn ed rock | Exposed roots belowIntact soil layer | Sediment sorting |
| Relict bar & swale | Flow or streaming lineations | Sediment· tails |
| Relict channel | Headcuts | Springs |
| Rock fracture In place | Imbricated gravel | Stainingof rocks |
| Rock varnish | Knick Points | Stepped-bed morphology In gravel |
| No flow or ponding Indicators | Levee Ridges: sand & gravel | Substrate staining |
| Rubified rock undersides | Observed inu ndation : noodlng, ponding, or substrate saturation | Vegetation - channel alignment |
| Soil development | Out of channel flow | Water-cut benches |
| Surface ro unding of landform | Overturned rocks | Water level marks |
| Woody debris In place | Rills | Wrack: woody |
| Notes: | | |
| <p>*Adapted from: A Field Gulde to the Identificati on of the Ordinary High Water Mark {OHWM} In the Arid West Regionof the Western United States, A Delineation Manual (Lichvar and McColley 2008); and Methods to Describe and Delineate Episodic Stream Process on AridLandscapes for Permitting Utility-Scale Solar PowerPlants (Brady and Vyverberg, 2013).</p> | | |

| Field Data Sheet: Identification of Geomorphic Indicators of Upland and Watercourse Areas | | |
|---|---|---|
| Sample Point# and/or Drainage # | Date : | Representative photo taken? / Yes / No |
| Upland Indicators | Watercourse Indicators | |
| Av Horizon | Bars: mu,d sand & gravel | Ripples |
| Biotic Soil Crust | Beach ridges | Scour |
| Bioturbation | Bifurcated flow | Secondary channels |
| Caliche: coatings, layers,rubble | Bioticcrusts | Secondary channel bypassing obstruction |
| Carbonate etching | Drainageswales | Sediment sheets |
| Clast / rock weathering | Crusts:carbonate, salt,& soda | Sand filled channels |
| Coppice dunes: active & relict | Cut banks | Scour holes downstream of obstructions |
| Deflated surfaces | Desiccation Mud: cracks, cur ls/ drapes | Sediment plastering |
| Desert pavement | Dnh:organic | Sediment ramps |
| Over-turned rock | Exposed rootsbelow Intact soil layer | Sediment sorting |
| Relict bar & swale | Flow or streaming lineations | Sediment:tails |
| Relict channel | Headcuts | Springs |
| Rock fracture in place | Imbricated gravel | Stainingof rocks |
| Rock varnish | Knick Points | Stepped-bed morphology in gravel |
| No flow or pondingIndicators | Levee Ridges: sand & gravel | Substrate staining |
| Rubified rock undersides | Observedinundation: flooding,ponding,or substratesaturation | Vegetation - channelalignment |
| Soil developme nt | Out of channel flow | Water-cut benches |
| Surface roundi ng of landform | Overturned rocks | Water level marks |
| Woody debrisIn place | Rills | Wrack: woody |
| Notes: | | |
| <p>• Adapted from: A Field Guide to the Identification of the Ordinary High Water Mark (OHWM) in the Arid West Region of the Western United States, A Delineation Manual (Lichvar and McColley 2008); and Methods to Describe and Delineate Episodic Stream Process on Arid Landscapes for Permitting Utility-Scale Solar Power Plants (Brady and Vyverberg, 2013).</p> | | |

Abandoned Channels

| Field Data Sheet: Identification of Geomorphic Indicators of Upland and Watercourse Areas | | |
|---|---|--|
| Sample Point# <u>1+</u> : and/or Drainage ID # <u>1ZJL \</u> | Date: <u>11/11 Hlu</u> | Representative photo taken? <u>1</u> Yes / <u>-</u> No |
| Upland Indicators | Watercourse Indicators | |
| Av Horizon | Bars: mud, sand & gravel | Ripples |
| Biotic Soil Crust | Beach ridges | Scour |
| Bioturbation | Bifurcated now | Secondary channels |
| Caliche: coatings, layers, rubble | Biotic crusts | Secondary channel bypassing obstruction |
| Carbonate etching | Drainage swales | Sediment sheets |
| Clast / rock weathering | Crusts: carbonate, salt, & soda | and filled channels |
| Coppice dunes: active & relict | Cut banks | Scour holes downstream of obstructions |
| Deflated surfaces | Desiccation Mud: cracks, curls/ drapes | Sediment plastering |
| Desert pavement | Drift: organic | Sediment ramps |
| Over-turned rock | Exposed roots below intact soil layer | Sediment sorting |
| Relict bar & swale | Flow or streaming lineations | Sediment: tails |
| Relict channel | Headcuts | Springs |
| Rock fracture in place | Imbricated gravel | Staining of rocks |
| Rock varnish | Knick Points | Stepped-bed morphology in gravel |
| No flow or ponding indicators | Levee Ridges: sand & gravel | Substrate staining |
| Rubbed rock undersides | Observed inundation: flooding, ponding, or substrate saturation | Vegetation - channel alignment |
| Upland development | Out of channel flow | Water-cut benches |
| Surface rounding of landform | Overtaken rocks | Water level marks |
| Woody debris in place | Roots | Wrack: woody |
| <p>Notes: <u>1. p., ... () - & . J & . IV' r / low , Nf-o . ta / . L . < - , , P : M r f</u> <u>1 . , , Cc . ! . , Cl . i . , , , , f W</u> <u>k \ Il c . , . k , . v . £ . No Du : , \ - f' k , v . J -</u> <u>--rv . , - , _ f + 0 , J / , _ , , , _ , , , , , _ Re f .</u></p> | | |
| <p>Adapted from: A Field Guide to the Identification of the Ordinary High Water Mark (OHWM) in the Arid West Region of the Western United States, A Delineation Manual (Uchvar and McColley 2008); and Methods to Delineate and Delineate Episodic Stream Process on Arid Landscapes for Permitting Utility-Scale Solar Power Plants (Brady and Vyverberg, 2013).</p> | | |

other

| Field Data Sheet: Identification of Geomorphic Indicators of Upland and Watercourse Areas | | |
|---|---|---|
| Sample Point# <u>100-2</u> and/ or Drainage# <u>Q-2-t</u> | Date: <u>11/11/11</u> | Representative photo taken? <u> </u> Yes/ <u> </u> No |
| Upland Indicators | Watercourse Indicators | |
| Av Horizon | Bar5: mud, sand & gravel | Ripples |
| Biotic Soil Crust | Beach ridges | Scour |
| Bioturbation | Bifurcated flow | Secondary channels |
| Caliche coatings, layers, rubble | Biotic crusts | Secondary channel bypassing obstruction |
| Carbonate etching | Drainage swales | Sediment sheets |
| Clastic / rock weathering | Crusts: carbonate, salt, & soda | and filled channels |
| Coppice dunes: active & relict | Cut banks | Scour holes downstream of obstructions |
| Deflated surfaces | Desiccation Mud: cracks, curls / drapes | Sediment plastering |
| Desert pavement | Organic | Sediment ramps |
| Over-turned rock | Exposed roots below intact soil layer | Sediment sorting |
| Relict bar & swale | Flow or streaming lineations | Sediment: tails |
| Relict channel | Headcuts | Springs |
| Rock fracture in place | Imbricated gravel | Staining of rocks |
| Rock varnish | Knick Points | Stepped-bed morphology in gravel |
| No flow or ponding indicators | Levee Ridges: sand & gravel | Substrate staining |
| Rubbed rock undersides | Observed Inundation: flooding, ponding, or substrate saturation | Vegetation -channel alignment |
| Soil development | Out of channel flow | Water-cut benches |
| Surface rounding of landform | Overtaken rocks | Water level marks |
| Woody debris in place | Rills | Wrack: woody |
| Notes: <u>Loc O</u> | | |
| • Addition of the identification of the Ordinary High Water Mark (OHWM) in the Arid West Region of the Western United States, A Delineation Manual (Lichvar and McColley 2008); and Methods to Describe and Delineate Episodic Stream Process on Arid Landscapes for Permitting Utility-Scale Solar Power Plants (Brady and Vyverberg, 2013). | | |

| Field Data Sheet: Identification of Geomorphic Indicators of Upland and Watercourse Areas | | |
|---|---|--|
| Sample Point# <u>1+0.76</u> and/or <u>0.76</u> Date <u>11/11/11</u> | Date : | Representative photo taken? <u>Yes</u> / <u>No</u> |
| Upland Indicators | Watercourse Indicators | |
| Av Horizon | Bars: mud, sand & gravel | Ripples |
| Biotic Soil Crust | Beach ridges | Scour |
| Bioturbation | Bifurcated flow | Secondary channels |
| Caliche coatings, layers, rubble | Biotic crusts | Secondary channel bypassing obstruction |
| Carbonate etching | Drainage swales | Sediment sheets |
| Clast / rock weathering | Crusts: carbonate, salt, & soda | 1' Sand filled channels |
| Coppice dunes: active & relict | Cutbanks | Scour holes downstream of obstructions |
| Deflated surfaces | Desiccation Mud: cracks, curls/ drapes | Sediment plastering |
| Desen pavement | Drift: organic | Sediment ramps |
| Over-turned rock | Exposed roots below intact soil layer | Sediment sorting |
| Reef bar & swale | Flow or streaming lineations | Sediment: tails |
| Relict channel | Headcuts | Springs |
| Rock fracture in place | Imbricated gravel | Staining of rocks |
| Rock varnish | Knick Points | Stepped-bed morphology in gravel |
| No flow or ponding indicators | Levee Ridges: sand & gravel | Substrate staining |
| Rubified rock undersides | Observed inundation: flooding, ponding, or substrate saturation | Vegetation - channel alignment |
| Soil development | Out of channel flow | Water-cut benches |
| Surface rounding of landform | Overtured rocks | Water level marks |
| Woody debris in place | Jills | Wrack : woody |
| Notes: <u>Flow q>.</u> | | |
| • Adapted from: A Field Guide to the Identification of the Ordinary High Water Mark (OHWM) In the Arid West Region of the Western United States, A Delineation Manual (Uchvar and McColley 2008); and Methods to Describe and Delineate Episodic Stream Process on Arid Landscapes for Permitting Utility-Scale Solar Power Plants (Brady and Vyverberg, 2013). | | |

| Field Data Sheet: Identification of Geomorphic Indicators of Upland and Watercourse Areas | | |
|---|---|---|
| Sample Point# <u>12-0</u> and/or Drainage ID # <u>12-0</u> | Date : <u>10/1/11</u> | Representative phototaken? <u>Yes</u> / <u>No</u> |
| Upland Indicators | Watercourse Indicators | |
| Av Horizon | Bars: mud, sand & gravel | Ripples |
| Biotic Soil Crust | Beach ridges | Coarse |
| Bloturbation | Bifurcated flow | Secondary channels |
| Caliche: coatings, layers, rubble | Biotic crusts | Secondary channel bypassing obstruction |
| Carbonate etching | Drainage swales | Sediment sheets |
| Clast / rock weathering | Crusts: carbonate, salt, & soda | Sand filled channels |
| Coppice dunes: active & relict | Cut banks | Scour holes downstream of obstructions |
| Deflated surfaces | Desiccation Mud: cracks, curls/ drapes | Sediment plastering |
| Desert pavement | Drift: organic | Sediment ramps |
| Over-turned rock | Exposed roots below intact soil layer | Sediment sorting |
| Relict bar & swale | Flow or streaming lineations | Sediment: tails |
| Relict channel | Headcuts | Springs |
| Rock fracture in place | Imbricated gravel | Staining of rocks |
| Rock varnish | Knicks Points | Stepped-bed morphology in gravel |
| No flow or ponding Indicators | Levee Ridges: sand & gravel | Substrate staining |
| Rubified rock undersides | Observed inundation: flooding, ponding, or substrate saturation | Vegetation - channel alignment |
| Soil development | Out of channel flow | Water-cut benches |
| Surface rounding of landform | Overturned rocks | Water level marks |
| Woody debris in place | Rills | Wrack: woody |
| <p>*Adapted from: A Field Guide to the Identification of the Ordinary High Water Mark (OHWM) in the Arid West Region of the Western United States, A Delineation Manual (Uchvar and McColley 2008); and Methods to Describe and Delineate Episodic Stream Process on Arid Landscapes for Permitting Utility-Scale Solar Power Plants (Brady and Vyverberg, 2013).</p> | | |

| Field Data Sheet: Identification of Geomorphic Indicators of Upland and Watercourse Areas | | |
|---|---|--|
| Sample Point# <u>1L</u> and/or <u>tJJ</u> ... Drainage ID# <u>t,t--</u> | Date: <u>\. / 1? . / \W</u> | Representative photo taken? <u>_</u> Ves / <u>_</u> No |
| <i>Upland Indicators</i> | <i>Watercourse Indicators</i> | |
| Av Horizon | Bars: mud, sand & gravel | Ripples |
| Biotic Soil Crust | Beach ridges | our |
| Bioturbation | Bifurcated flow | Secondary channels |
| Calliche: coatings, layers, rubble | Biotic crusts | Secondary channel bypassing obstruction |
| Carbonate etching | Drainage swales | Sediment sheets |
| Clast / rock weathering | Crusts: carbonate, salt. & soda | Sand filled channels |
| Coppice dunes: active & relict | / Cutbanks | Scour holes downstream of obstructions |
| Deflated surfaces | Desiccation Mud- cracks, curls/ drapes | Sediment plastering |
| Desert pavement | Drift: organic | Sediment ramps |
| Over-turned rock | Exposed roots below Intact soil layer | Sediment sorting |
| Relict bar & swale | / low stream lineations | Sediment: tails |
| Relict channel | Headcuts | Springs |
| Rock fracture In place | Imbricated gravel | Staining of rocks |
| Rock varnish | Knick Points | Stepped-bed morphology in gravel |
| No flow or ponding Indicators | Levee Ridges: sand & gravel | Substrate staining |
| Rubified rock undersides | Observed inundation: flooding, ponding, or substrate saturation | Vegetation - channel alignment |
| Soil development | Out of channel flow | Water-cut benches |
| Surface rounding of landform | Overtured rocks | Water level marks |
| Woody debris In place | Rills | Wrack : woody |
| Notes: <i>Small localized channel adjacent to graded dirt Road. No flow into or out of channel. Some spotty flow within channel result of local Rainfall, but no flow outside banks. Flow in infiltrated into channel soil.</i> | | |
| • Adapted from: /, field Guide to the Identification of the Ordinary High Water Mark (OHWM) in the Arid West Region of the Western United States, A Delineation Manual (Ilichvarand McColley 2008); and Methods to Describe and Delineate Episodic Stream Process on Arid Landscapes for Permitting Utility-Scale Solar Power Plants (Brady and Vyverberg, 2013). | | |

| Field Data Sheet: Identification of Geomorphic Indicators of Upland and Watercourse Areas | | |
|--|---|--|
| Sample Point # _____ and/or Drainage ID # _____ | Date: _____ / _____ / _____ | Representative photo taken? <input type="checkbox"/> Yes / <input type="checkbox"/> No |
| Upland Indicators | Watercourse Indicators | |
| Aviation | Bars: mud, sand & gravel | Ripples |
| Biogenic Soil Crust | Beach ridges | Scour |
| Bioturbation | Bifurcated flow | Secondary channels |
| Caliche: coatings, layers, rubble | Biotic crusts | Secondary channel bypassing obstruction |
| Carbonate etching | Drainage swales | Sediment sheets |
| Clast / rock weathering | Crusts: carbonate, salt, & soda | and filled channels |
| Coppice dunes: active & relict | Cutbanks | Scour holes downstream of obstructions |
| Deflated surfaces | Desiccation Mud : cracks, curls/drapes | Sediment plastering |
| Desert pavement | Drift: organic | Sediment ramps |
| Over-turned rock | Exposed roots below intact soil layer | Sediment sorting |
| Relict bar & swale | Flow or streaming lineations | Sediment: tails |
| Relict channel | Headcuts | Springs |
| Rock fracture in place | Imbricated gravel | Staining of rocks |
| Rock varnish | Knick Points | Stepped-bed morphology in gravel |
| No flow or ponding indicators | Levee Ridges: sand & gravel | Substrate staining |
| Rubified rock undersides | Observed inundation: flooding, ponding, or substrate saturation | Vegetation - channel alignment |
| Soil development | Out of channel flow | Water-cut benches |
| Surface rounding of landform | Overtaken rocks | Water level marks |
| Woody debris in place | Relics | Wrack: woody |
| Notes: Small localized Rill on margin of an abandoned dirt road. Isolated, no flow into or out of channel. flow within channel spotty & contained in channel. Local precipitation caused flow w/ flow draining into channel soil. | | |

*** Adapted from: A Field Guide to the Identification of the Ordinary High Water Mark (OHWM) in the Arid West Region of the Western United States, A Delineation Manual (Lichvar and McColley 2008); and Methods to Describe and Delineate Episodic Stream Process on Arid Landscapes for Permitting Utility-Scale Solar Power Plants (Brady and Vyverberg, 2013).

| field Data Sheet: Identification of Geomorphic Indicators of Upland and Watercourse Areas | | |
|--|---|---|
| Sample Point # _____ : and Jor D rainage ID II ! t | Date : 1\ ^'At llo | Representative photo taken? _ Yes/ _ No |
| Upland Indicators | Watercourse Indicators / | |
| Av Horizon | Bars mud, sand & gravel | Ripples <i>I</i> |
| Biotic Soll Crust | Beach ridges | scour |
| Biotubation | Bifurcated flow | Secondary channels |
| Caliche coatings, layers, rubble | Biotic crusts | Secondary channel bypassing obstruction |
| Carbonate etching | Drainage swales | Sediment sheets |
| Clast / rock weathering | Crusts: carbonate, salt, & soda | Sand filled channels |
| Coppice dunes: active & relict | Cut banks | Scour holes downstream of obstructions |
| Deflated surfaces | Desiccation Mud : cracks, curls / drapes | Sediment plastering |
| Desert pavement | Drift: organic | Sediment ramps |
| Over-turned rock | EMposed roots below Intact soil layer | Sediment sorting |
| Relict bar & swale | /low or streaming Hneations | Sediment: tails |
| Relict channel | Headcuts | Spnngs |
| Rock frac ture In place | Imbricated gravel | Staining of rocks |
| Rock varnish | Knick Points | Stepped-bed morphology in gravel |
| No flow or ponding Indicators | levee Ridges: sand & gravel | Substrate staining |
| Rubined rock undersides | Observed inundation: flooding, ponding, or substrate saturation | Vegetation - channel alignment |
| oil development | Out of channel flow | Water-cut benches |
| Surface rounding of l; indform | Overturnd rocks | Water level marks |
| Woody debris in place | Rills | Wrack: woody |
| Note...: /(! Cf, (f <i>b</i>) | | |
| *Adapted from: A Field Guide to the Identification of the Ordinary High Water Mark (OHWM) In the Arid West Region of the Western United States, A Delineation Manual (Uchvar and McColley 2008); and Methods to Describe and Delineate Episodic Stream Process on Arid Landscapes for Permitting Utility-Scale Solar Power Plants (Brady and Vyverberg, 2013). | | |

| Field Data Sheet: Identification of Geomorphic Indicators of Upland and Watercourse Areas | | |
|--|---|--|
| Sample Point # <u>1..(8</u> and/ or Drainage ID # <u>R12-11</u> | Date : <u>\\1, /1"</u> | Representative photo taken? <u> </u> ^I Yes/ <u> </u> No |
| <i>Upland Indicators</i> | <i>Watercourse Indicators</i> | |
| Av Horizon | Bars: mud, sand & gravel | Ripples |
| Biotic Soil Crust | Beach ridges | Scour |
| Bioturbation | Bifurcated flow | Secondary channels |
| Galiche: coatings, layers, rubble | Biotic crusts | Secondary channel bypassing obstruction |
| Carbonate etching | Drainage swales | Sediment sheets |
| Clast / rock weathering | Crusts: carbonate, salt, & soda | and filled channels |
| Coppice dunes: active & relict | Cut banks | Scour holes downstream of obstructions |
| Deflated surfaces | Desiccation Mud: cracks, curls/ drapes | Sediment plastering |
| Desert pavement | Drift: organic | Sediment ramps |
| Over-turned rock | Exp o sedroo ts below Intact soil layer | Sediment sorting |
| Relict bar & swale | Flow or streaming lineations | Sediment. tails |
| Relict channel | Headcuts | Springs |
| Rock fracture in place | Imbricated gravel | Staining of rocks |
| Rock varnish | Knick Points | Stepped-bed morphology in gravel |
| No flow or ponding Indicators | Levee Ridges: sand & gravel | Substrate staining |
| Rubified rock undersides | Observed inundation: flooding, ponding, or substrate saturation | Vegetation - channel alignment |
| II development | Out of channel now | Water-cut benches |
| Surface rounding of landform | Overtaken rocks | Water level marks |
| Woody debris in place | Relics | Wrack: woody |
| Notes: <div style="text-align: center; font-size: 2em; font-family: cursive;">/tfe 9(/0</div> | | |
| • Adapted from: A Field Guide to the Identification of the Ordinary High Water Mark (OHWM) in the Arid West Region of the Western United States, A Delineation Manual (Lichvar and McColley 2008); and Methods to Describe and Delineate Episodic Stream Process on Arid Landscapes for Permitting Utility-Scale Solar Power Plants (Brady and Vyverberg, 2013). | | |

| Field Data Sheet: Identification of Geomorphic Indicators of Upland and Watercourse Areas | | |
|---|---|--|
| Sample Point# <u>L/</u> and/or Drainage ID # <u>,Ztz\l</u> | Date: <u>1 /1?../1'''</u> | Representative photo taken? <input type="checkbox"/> Yes / <input type="checkbox"/> No |
| <i>Upland Indicators</i> | <i>Watercourse Indicators</i> | |
| Av Horlrmn | Bars: mud, sand & gravel | Ripples |
| BioticSoil Crust | Beach ridges | Scour |
| B1otubation | Bifurca t ed flow | Secondary channels |
| Callche:coatings, layers, rubble | Biotic crusts | Secondary channel bypassing obstruction |
| Carbonate etching | Drainage swales | Sediment sheets |
| Clast / rock weathering | Crusts: carbonate, salt, & soda | and filled channels |
| Coppice dunes: active & relict | Cut banks | Scour holes downstream of obstructions |
| Deflated surfaces | Desiccation Mud : cracks, curls/ drapes | Sediment plastering |
| Desert pavement | Drift:organic | Sediment ramps |
| Over-turned rock | Exposed roots below intact soil layer | Sediment sorting |
| Relict bar & swale | Flow or streaming lneations v' | Sediment: tails |
| Relict channel | Headcuts | Springs |
| Rock fracture In place | I mbricated gravel | Stainingof rocks |
| Rock varnish | Knick Points | Stepped-bed morphology In gravel |
| No flowor pondingindicators | Levee Ridges: sand & gravel | Substrate staining |
| Rubified rock undersides | Observed i undation: flooding, ponding, or substrate saturation | Vegetation - channel alignment |
| Soil development | Out of channel flow | Water-cut benches |
| Surface rounding of landform | Overturnd rocks | Water l evel marks |
| Woody debris In place | Rills | Wrack: woody |
| Notes: <u>5 /r'A5' (1,)</u> | | |
| Adapted from: A Field Guide to the Identification of the Ordinary High Water Mark (OHWM) In the Arid West Region of the Western United States, A Delineation Manual (Lichvar and Mc.Colley 2008); and Methods to Describe and Delineate Episodic Stream Process on Arid Landscapes for Permitting Utility-Scale Solar Power Plants (Brady and Vyverberg, 2013). | | |

Field Data Sheet: Identification of Geomorphic Indicators of Upland and Watercourse Areas

| | | |
|---|----------------------|---|
| Sample Point # <u>19</u> and/or Drainage ID # <u>19</u> | Date : <u>1/1/19</u> | Representative photo taken? <input type="checkbox"/> Yes/ <input type="checkbox"/> No |
|---|----------------------|---|

| <i>Upland Indicators</i> | <i>Watercourse Indicators</i> | |
|-----------------------------------|---|---|
| Av Horizon | Bars: mud, sand & gravel | Ripples |
| Biotic Soil Crust | Beach ridges | Scour |
| Bioturbation | Bifurcated flow | Secondary channels |
| Caliche: coatings, layers, rubble | Biotic crusts | Secondary channel bypassing obstruction |
| Carbonate etching | Drainage swales | Sediment sheets |
| Clast / rock weathering | Crusts: carbonate, salt, & soda | Hard filled channels |
| Coppice dunes: active & relict | Cut banks | Scour holes downstream of obstructions |
| Deflated surfaces | Desiccation Mud: cracks, curls/ drapes | Sediment plastering |
| Desert pavement | Drift: organic | Sediment ramps |
| Over-turned rock | Exposed roots below intact soil layer | Sediment sorting |
| Relict bar & swale | Flow or streaming lineations | Sediment: tails |
| Relict channel | Headcuts | Springs |
| Rock fracture in place | Imbricated gravel | Staining of rocks |
| Rock varnish | Knick Points | Stepped-bed morphology in gravel |
| No flow or ponding Indicators | Levee Ridges: sand & gravel | Substrate staining |
| Rubified rock undersides | Observed inundation: flooding, ponding, or substrate saturation | Vegetation - channel alignment |
| Soil development | Out of channel flow | Water-cut benches |
| Surface rounding of landform | Overtaken rocks | Water level marks |
| Woody debris in place | Rills | Wrack: woody |

Notes 5 t:,,_

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• Adapted from: A Field Guide to the Identification of the Ordinary High Water Mark (OHWM) in the Arid West Region of the Western United States, A Delineation Manual (Ilichvar and McColley 2008;) and Methods to Describe and Delineate Episodic Stream Process on Arid Landscapes for Permitting Utility-Scale Solar Power Plants (Brady and Vyverberg, 2013).

| Field Data Sheet: Identification of Geomorphic Indicators of Upland and Watercourse Areas | | |
|--|---|--|
| Sample Point# <u>1</u> and/or <u>1</u> Drainage ID # <u>1</u> | Date: <u>1/11/11</u> | Representative photo taken? <u>Yes</u> / <u>No</u> |
| Upland Indicators | Watercourse Indicators | |
| Av Horizon | Bars: mud, sand & gravel | Ripples |
| Biotic Soil Crust | Beach ridges | Scour |
| Bioturbation | Bifurcated flow | Secondary channels |
| Caliche coatings, layers, rubble | Bioturbation | Secondary channel bypassing obstruction |
| Carbonate etching | Drainage swales | Sediment sheets |
| Oast / rock weathering | Crusts: carbonate, salt, & soda | and filled channels |
| Coppice dunes: active & relict | Cut banks | Scour holes downstream of obstruction |
| Deflated surfaces | Desiccation Mud : cracks, curls/ drapes | Sediment plastering |
| Desert pavement | Drift : organic | Sediment ramps |
| Over-turned rock | Exposed roots below Intact soil layer | Sediment sorting |
| Relict bar & swale | Flow or streaming lineations | Sediment: tails |
| Relict channel | Headcuts | Springs |
| Rock fracture in place | Imbricated gravel | Staining of rocks |
| Rock varnish | Knick Points | Stepped-bed morphology in gravel |
| No flow or ponding indicators | Levee Ridges: sand & gravel | Substrate staining |
| Rubified rock undersides | Observed Inundation: flooding, ponding, or substrate saturation | Vegetation - channel alignment |
| ...fill development | Out of channel flow | Water-cul benches |
| Surface rounding of landform | Overtaken rocks | Water level marks |
| Woody debris in place | Rills | Wrack: woody |
| Notes: <u>Same as RA9 (see Notes)</u> | | |
| • Adapted from: A Field Guide to the Identification of the Ordinary High Water Mark (OHWM) in the Arid West Region of the Western United States, A Delineation Manual (Lichvar and McColley 2008); and Methods to Describe and Delineate Episodic Stream Process on Arid Landscapes for Permitting Utility-Scale Solar Power Plants (Brady and Vyverberg, 2013). | | |

| Field Data Sheet: Identification of Geomorphic Indicators of Upland and Watercourse Areas | | |
|--|---|---|
| Sample Point# <u>11</u> and/or Drainage ID # <u>11</u> | Date: <u>11/11/11</u> | Representative photo taken? <u>Yes</u> / No |
| Upland Indicators | Watercourse Indicators | |
| Av Horizon | Bars: mud, sand & gravel | Ripples |
| Biotic Soil Crust | Beach ridges | Scour |
| Bloturbation | Bifurcated flow | Secondary channels |
| Caliche: coatings, layers, rubble | Biotic crusts | Secondary channel bypassing obstruction |
| Carbonate etching | Drainage swales | Sediment sheets |
| Clast / rock weathering | Crusts: carbonate, salt, & soda | filled channels |
| Coppice dunes: active & relict | Cutbank | Scour holes downstream of obstructions |
| Deflated surfaces | Desiccation Mud : cracks, curls/ drapes | Sediment plastering |
| Desert pavement | Drift: organic | Sediment ramps |
| Over-turned rock | Exposed roots below intact soil layer | Sediment sorting |
| Relict bar & swale | Flow or stream, meandering | Sediment: tails |
| Relict channel | Headcuts | Springs |
| Rock fracture in place | Imbricated gravel | Staining of rocks |
| Rock varnish | Knick Points | Stepped-bed morphology in gravel |
| No flow or ponding indicators | Levee Ridges: sand & gravel | Substrate staining |
| Rubified rock undersides | Observed inundation: flooding, ponding, or substrate saturation | Vegetation - channel alignment |
| Soil development | Out of channel flow | Water-cut benches |
| Surface rounding of landform | Overturned rocks | Water level marks |
| Woody debris in place | Rills | Wrack: woody |
| Notes: <u>Jersey 7 Stl, (#)</u> | | |
| • Adapted from: A Field Guide to the Identification of the Ordinary High Water Mark (OHWM) in the Arid West Region of the Western United States, A Delineation Manual (Uchvar and McColley 2008) and Methods to Describe and Delineate Episodic Stream Processes on Arid Landscapes for Permitting Utility-Scale Solar Power Plants (Brady and Vyverberg, 2013). | | |

| Field Data Sheet: Identification of Geomorphic Indicators of Upland and Watercourse Areas | | |
|---|---|--|
| Sample Point # <u>L9</u> ; and/or Drainage ID# <u>1<</u> | Date : <u>11/11/20</u> | Representative photo taken? <u> </u> Yes / <u> </u> No |
| Upland Indicators | Watercourse Indicators | |
| Av Horizon | Bars: mud, sand & gravel | Ripples |
| Biotic Soil Crust | Beach ridges | Scour |
| Blotubation | Bifurcated flow | Secondary channels |
| Caliche: coatings, layers, rubble | Biotic crusts | Secondary channel bypassing obstruction |
| Carbonate etching | Drainage swales | Sediment sheets |
| Clast / rock weathering | Crusts: carbonate, salt, & soda | and filled channels |
| Coppice dunes: active & relict | Cut banks | Scour holes downstream of obstructions |
| Deflated surfaces | Desiccation Mud: cracks, curls/ drapes | Sediment plastering |
| Desert pavement | Drift: organic | Sediment ramps |
| Over-turned rock | Exposed roots below intact soil layer | Sediment sorting |
| Relict bar & swale | Flow or streaming lineations | Sediment: tails |
| Relict channel | Headcuts | Springs |
| Rock fracture in place | Imbricated gravel | Staining of rocks |
| Rock varnish | Knick Points | Stepped-bed morphology in gravel |
| No flow or ponding indicators | Levee Ridges: sand & gravel | Substrate staining |
| Rubified rock undersides | Observed inundation: flooding, ponding, or substrate saturation | Vegetation - channel alignment |
| Soil development | Out of channel flow | Water-cut benches |
| Surface rounding of landform | Overtaken rocks | Water level marks |
| Woody debris in place | Rills | Wrack: woody |
| <p>No test results</p> | | |
| <p>• Appendix A: Field Guide to the Identification of the Ordinary High Water Mark (OHWM) in the Arid West Region of the Western United States, A Delineation Manual (Lichvar and McColley 2008); and Methods to Describe and Delineate Episodic Stream Process on Arid Landscapes for Permitting Utility -Scale Solar Power Plants (Brady and Vyverberg, 2013).</p> | | |

| Field Data Sheet : Identification of Geomorphic Indicators of Upland and Watercourse Areas | | |
|--|---|---|
| Sample Point # <u>Z.1</u> and/or Drainage ID# | Date: <u>1/1/11</u> | Representative photo taken? <input type="checkbox"/> Yes/ <input type="checkbox"/> No |
| Upland Indicators | Watercourse Indicators | |
| Av Horizon | Bars: mud, sand & gravel | Ripples |
| Biotic SoilCrust | Beach ridges | Scour |
| Bioturbation | Bifurcated flow | Secondary channels |
| Caliche: coatings, layers, rubble | Biotic crusts | Secondary channel bypassing obstruction |
| Carbonate etching | Drainage swales | Sediment sheets |
| Clast / rock weathering | Crusts: carbonate, salt, & soda | and filled channels |
| Coppice dunes: active & relict | Cut banks | Scour holes downstream of obstructions |
| Deflated surfaces | Desiccation Mud: cracks, curls/ drapes | Sediment plastering |
| Desert pavement | Drift: organic | Sediment ramps |
| Over-turned rock | Exposed roots below intact soil layer | Sediment sorting |
| Relict bar & swale | Flow or streaming lineations | Sediment: tails |
| Relict channel | Headcuts | Springs |
| Rock fracture in place | Imbricated gravel | Staining of rocks |
| Rock varnish | Knicks Points | Stepped-bed morphology in gravel |
| No flow or ponding Indicators | levee Ridges: sand & gravel | Substrate staining |
| Rubified rock undersides | Observed inundation: flooding, ponding, or substrate saturation | Vegetation - channel alignment |
| <input checked="" type="checkbox"/> <u>Channel development</u> | Out of channel flow | Water-cut benches |
| Surface rounding of landform | Overtaken rocks | Water level marks |
| Woody debris in place | Rills | Wrack: woody |
| Note s: <u>Af?-. ff</u> | | |
| Adapted from: A Field Guide to the Identification of the Ordinary High Water Mark (OHWM) in the Arid West Region of the Western United States, A Delineation Manual (Lichvar and McColley 2008); and Methods to Describe and Delineate Episodic Stream Process on Arid Landscapes for Permitting Utility-Scale Solar Power Plants (Brady and Vyverberg, 2013). | | |

| Field Data Sheet: Identification of Geomorphic Indicators of Upland and Watercourse Areas | | |
|--|---|---|
| Sample Point# <u>1</u> and/or Drainage ID # <u>1</u> | Date: <u>11/11/2010</u> | Representative photo taken? <u>Yes</u> Yes/No |
| Upland Indicators | Watercourse Indicators | |
| Av Horizon | Bars: mud, sand & gravel | Ripple |
| Biotic Soil Crust | Beach ridges | Scour |
| Bioturbation | Bifurcated flow | Secondary channels |
| Caliche - coatings, layers, rubble | Biotic crusts | Secondary channel bypassing obstruction |
| Carbonate etching | Drainage swale | Sediment sheets |
| Clast / rock weathering | Crusts: carbonate, salt, & soda | Sand filled channels |
| Coppice dunes: active & relict | Cut banks | Scour holes downstream of obstructions |
| Deflated surfaces | Desiccation Mud: cracks, curls/ drapes | Sediment plastering |
| Desert pavement | Drift: organic | Sediment ramps |
| Over-turned rock | Exposed roots below intact soil layer | Sediment sorting |
| Relict bar & swale | Flow or streaming lineations | Sediment: tails |
| Relict channel | Headcuts | Springs |
| Rock fracture in place | Imbricated gravel | Staining of rocks |
| Rock varnish | Knick Points | Stepped-bed morphology in gravel |
| No flow or ponding indicators | Levee Ridges: sand & gravel | Substrate staining |
| Rubified rock undersides | Observed inundation: flooding, ponding, or substrate saturation | Vegetation - channel alignment |
| Soil development | Out of channel flow | Water-cut benches |
| Surface rounding of landform | Overtaken rocks | Water level marks |
| Woody debris in place | Rills | Wrack; woody |
| <p>Notes: <u>5, 4, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100</u></p> | | |
| <p>* Adapted from: A Field Guide to the Identification of the Ordinary High Water Mark (OHWM) in the Arid West Region of the Western United States, A Delineation Manual (Lichvar and McColley 2008); and Methods to Describe and Delineate Episodic Stream Process on Arid Landscapes for Permitting Utility-Scale Solar Power Plants (Brady and Vyverberg, 2013).</p> | | |

| Field Data Sheet: Identification of Geomorphic Indicators of Upland and Watercourse Areas | | |
|--|---|--|
| Sample Point # <u>10</u> and/or Drainage ID# <u>K 1</u> | Date: <u>11/11/11</u> | Representative photo taken? <input type="checkbox"/> Yes / <input type="checkbox"/> No |
| Upland Indicators | Watercourse Indicators | |
| Av Horizon | Bars: mud, sand & gravel | Ripples |
| Biotic Soil Crust | Beach ridges | Four |
| Bioturbation | Bifurcated flow | Secondary channels |
| Caliche: coatings, layers, rubble | Biotic crusts | Secondary channel bypassing obstruction |
| Carbonate etching | Drainage swales | Sediment sheets |
| Clast / rock weathering | Crusts: carbonate, salt, & soda | Sand filled channels |
| Coppice dunes: active & relict | Cut banks | Scour holes downstream of obstructions |
| Deserted surfaces | Desiccation Mud: cracks, curls/ drapes | Sediment plastering |
| Desert pavement | Drift: organic | Sediment ramps |
| Over-turned rock | Exposed roots below intact soil layer | Sediment sorting |
| Relict bar & swale | Low or streaming lineations | Sediment: tails |
| Relict channel | Headcuts | Springs |
| Rock fracture in place | Imbricated gravel | Staining of rocks |
| Rock varnish | Knick Points | Stepped-bed morphology in gravel |
| No flow or ponding indicators | Levee Ridges: sand & gravel | Substrate staining |
| Rubified rock undersides | Observed inundation: flooding, ponding, or substrate saturation | Vegetation - channel alignment |
| Vertical development | Out of channel flow | Water-cut benches |
| Surface rounding of landform | Overtaken rocks | Water level marks |
| Woody debris in place | Rills | Wrack: woody |
| Notes: | | |
| Adapted from: A Field Guide to the Identification of the Ordinary High Water Mark (OHWM) in the Arid West Region of the Western United States, A Delineation Manual (Lichvar and McColley 2008); and Methods to Describe and Delineate Episodic Stream Process on Arid Landscapes for Permitting Utility-Scale Solar Power Plants (Brady and Vyverberg, 2013). | | |

| Field Data Sheet: Identification of Geomorphic Indicators of Upland and Watercourse Areas | | |
|---|--|---|
| Sample Point# iT and/or Drainage ID # f | Date: 11/11/11 | Representative photo taken? <input type="checkbox"/> Yes/ <input type="checkbox"/> No |
| Upland Indicators | Watercourse Indicators | |
| Av Horizon | Bars:mud, sand & gravel | Ripples |
| BioticSoll Crust | Beach ridges | Scour |
| Biotubation | Bifurcated flow | Secondary channels |
| callche:coatings, layers, rubble | Biotic crusts | Secondary channel bypassing obstruction |
| Carbonate etching | Drainage swales | Sediment sheets |
| Clast / rock weathering | Crusts: carbonate, salt, &soda | Sand filled channels |
| Cuppice dunes: active & relict | Cut banks | Scour holes downstream of obstructions |
| Il eflated surfaces | Desiccation Mud : cracks, curls/ drapes | Sediment plastering |
| Desert pavement | Drift:organic | Sediment ramps |
| Over-turned rock | Exposed roots below Intact soll layer | Sediment sorting |
| Reflct bar & swale | Flow or streaming llineatl ons | Sediment; tails |
| Relict channel | Headcuts | Springs |
| Rock fracture In place | Imbricated gravel | Stainingof rocks |
| Rock varnish | Knick Points | Stepped-bed morphology in gravel |
| /o flow or ponding Indicators | levee Ridges: sand & gravel | Substrate staining |
| Rubified rock undersides | Observed inundati on: flooding, ponding, or substrate saturation | Vegetation - channel alignment |
| _soil"lfevelopment | Out of channel now | Water-cut benches |
| /urfacerounding of landform | Overturmed rocks | Water level marks |
| Woody debris In place | Rliis | Wrack : woody |
| Notes <i>fM,L/ i q?C ...If "...r, t!P? - :-.d</i> <i>μ;J, -.etl. ¥fro- -7..'''J ;N/4</i> <i>) IV i:-;c--t..,Urf.l. - , -JK a,YI.I.</i> <i>r -5 .. I,_er' ,,:;j !/ 4 ;Ir ,,-l"hr/ " /s-,,)</i> | | |
| * Adapted from: A Field Guide to the Identification of the Ordinary High Water Mark(OHWM) In the Arid West Region of the Western United States, A Delineation Manual (Uchvar and McColley 2008); and Methods to Describe and Delineate Episodic Stream Process on AridLandscapes for Permitting Utility-Scale Solar Power Plants (Brady and Vyverberg, 2013). | | |

| Field Data Sheet: Identification of Geomorphic Indicators of Upland and Watercourse Areas | | |
|--|---|--|
| Sample Point # <u>11</u> and/or Drainage ID # <u>11-11</u> | Date: <u>1/1/2011</u> | Representative photo taken? <input checked="" type="checkbox"/> Yes/ <input type="checkbox"/> No |
| Upland Indicators | Watercourse Indicators | |
| Av Horizon | Bars: mud, sand & gravel | Ripples |
| Biotic Soil Crust | Beach ridges | Scour |
| Bioturbation | Bifurcated flow | Secondary channels |
| Caliche: coatings, layers, rubble | Biotic crusts | Secondary channel bypassing obstruction |
| Carbonate etching | Drainage swales | Sediment sheets |
| Clast / rock weathering | Crusts: carbonate, salt, & soda | Sand filled channels |
| Coppice dunes: active & relict | Cut banks | Scour holes downstream of obstructions |
| Cellated surfaces | Desiccation Mud: cracks, curls / drapes | Sediment plastering |
| Desert pavement | Drift: organic | Sediment ramps |
| Over-turned rock | Exposed roots below intact soil layer | Sediment sorting |
| Relict bar & swale | Flow or streaming lineations | Sediment: tails |
| Relict channel | Headcuts | Springing |
| Rock fracture in place | Imbricated gravel | Staining of rocks |
| Rock varnish | Knick Points | Stepped-bed morphology in gravel |
| No flow or ponding indicators | Levee Ridges, sand & gravel | Substrate staining |
| Rubbed rock undersides | Observed inundation: flooding, ponding, or substrate saturation | Vegetation - channel alignment |
| Soil development | Out of channel flow | Water-cut benches |
| Surface rounding of landform | Overturned rocks | Water level marks |
| Woody debris in place | Rills | Wrack: woody |
| Notes: | | |
| •Adapted from: A Field Guide to the Identification of the Ordinary High Water Mark (OHWM) in the Arid West Region of the Western United States, A Delineation Manual (Uchvar and McColley 2008); and Methods to Describe and Delineate Episodic Stream Processes on Arid Landscapes for Permitting Utility-Scale Solar Power Plants (Brady and Vyverberg, 2013). | | |

| Field Data Sheet: Identification of Geomorphic Indicators of Upland and Watercourse Areas | | |
|--|--|--|
| Sample Point # <i>•Lfl,</i> and/ or Drainage ID# <i>IC\</i> | Date: <i>\ /11 /1,11</i> | Representative photo taken? <input type="checkbox"/> Yes / <input type="checkbox"/> No |
| Upland Indicators | Watercourse Indicators | |
| Av Horizon | Bars: mud, sand & gravel | Ripples |
| Biotic Soil Crust | Beach ridges | /Scour |
| Bioturbation | Bifurcated flow | Secondary channels |
| Caliche: coatings, layers, rubble | Biotic crusts | Secondary channel bypassing obstruction |
| Carbonate etching | Drainage swales | Sediment sheets |
| Clast / rock weathering | Crusts: carbonate, salt, & soda | Sand filled channels |
| Coppice dunes: active & relict | Cutbanks | Scour holes downstream of obstructions |
| Deflated surfaces | Desiccation Mud: cracks, curls/ drapes | Sediment plastering |
| Desert pavement | Drift : organic | Sediment ramps |
| Over-turned rock | Exposed roots below intact soil layer | Sediment sorting |
| Relict bar & swale | Flow or streaming lineations | Sediment: tails |
| Relict channel | Headcuts | Springs |
| Rock fracture in place | Imbricated gravel | Staining of rocks |
| Rock varnish | Knick Points | Stepped-bed morphology in gravel |
| No flow or ponding indicators | Levee Ridges: sand & gravel | Substrate staining |
| Rubified rock undersides | Observed Inundation: nooding, ponding, or substrate saturation | Vegetation - channel alignment |
| <i>oil development</i> | <i>to</i> channel flow | Water-cut benches |
| Surface rounding of landform | Overtaken rocks | Water level marks |
| Woody debris in place | Rills | Wrack: woody |
| <p><i>TO, ?le, -5 < R, Jhfv, ;lo C- , -L, .e. I</i></p> <p><i>/lt> -> /fo-- ., Vo Jhfv, -vfvl>1 8 a,</i></p> <p><i>A, rict J_e, ('4-J, dl \$'-t> .h'y I</i></p> <p><i>it.; C.1. l) .Nr- _J 7, , , 1. -U. t- /1, , ,'</i></p> <p><i>i"vJ /Nll-tAe. , \. #o /r, 'l/? i I \$"/tt Is .</i></p> | | |
| <p>* Adapted from: A Field Guide to the Identification of the Ordinary High Water Mark (OHWM) in the Arid West Region of the Western United States, A Delineation Manual (Uchvar and McColley 2008); and Methods to Describe and Delineate Episodic Stream Process on Arid Landscapes for Permitting Utility-Scale Solar Power Plants (Brady and Vyverberg, 2013).</p> | | |

| Field Data Sheet: Identification of Geomorphic Indicators of Upland and Watercourse Areas | | |
|--|--|---|
| Sample Point # <u>111</u> , and/or Drainage ID # <u>111</u> <u>W</u> | Date: <u>1, 1st,</u> | Representative photo taken? <u>Yes</u> No <u> </u> |
| Upland Indicators | Watercourse Indicators | |
| Av Horizon | Bars: mud, sand & gravel | Ripples |
| Biotic Soil Crust | Beach ridges | Four |
| Bioturbation | Bifurcated flow | Secondary channels |
| Caliche : coatings, layers, rubble | Biotic crusts | Secondary channel bypassing obstruction |
| Carbonate etching | Drainage swales | Sediment sheets |
| Clast / rock weathering | Crusts: carbonate, salt, & soda | Sand filled channels |
| Coppice dunes- active & relict | Cutbank | Scour holes downstream of obstructions |
| Deflated surfaces | Desiccation Mud: cracks, curls/ drapes | Sediment plastering |
| Desert pavement | Drift: organic | Sediment ramps |
| Over-turned rock | Exposed roots below intact soil layer | Sediment sorting |
| Relict bar & swale | Flow or streaming lineations | Sediment: tails |
| Relict channel | Headcuts | Springs |
| Rock fracture in place | Imbricated gravel | Staining of rocks |
| Rock varnish | Knick Points | Stepped-bed morphology in gravel |
| No flow or ponding indicators | Levee Ridges: sand & gravel | Substrate staining |
| Rubified rock undersides | Observed inundation ; flooding, ponding, or substrate saturation | Vegetation- channel alignment |
| 0'011 development | Out of channel flow | Water-cut benches |
| Surface rounding of landform | Overtaken rocks | Water level marks |
| Woody debris in place | Reefs | Wrack : woody |
| Notes: <u>G fir.../C, (1st.4/J,AA- ./,L_:_)</u> | | |
| <small>* Adapted from: A Field Guide to the Identification of the Ordinary High Water Mark (OHWM) in the Arid West Region of the Western United States, A Delineation Manual (Uchvar and McColley 2008); and Methods to Describe and Delineate Episodic Stream Process on Arid Landscapes for Permitting Utility-Scale Solar Power Plants (Brady and Vyverberg, 2013).</small> | | |

| Field Data Sheet: Identification of Geomorphic Indicators of Upland and Watercourse Areas | | |
|--|--|--|
| Sample Point# and/or Drainage ID <i>RR 10b</i> | Date: <i>11/1d-JJ (,</i> | Representative photo taken? <input checked="" type="checkbox"/> <i>Yes/</i> |
| Upland Indicators | Watercourse Indicators | |
| AV Horiw | Bars: mud. sand & gravel | Ripples |
| Biotic Soil Crust | Beach ridges | Scour |
| Blotubation | Bifurcated now | Secondary channels |
| Caliche: coatings, layers, rubble | Biotic crusts | Secondary channel bypassing obstruction |
| carbonate etching | Drainage swales | Sediment sheets |
| Clast / rock weathering | Crusts: carbonate, salt, & soda | Sand filled channels |
| Coppice dunes: active & relict | Cut banks | Scour holes downstream of obstructions |
| Deflated surfaces | Desiccation Mud: cracks, curls / drapes | Sediment plastering |
| Desert pavement | Drift: organic | Sediment ramps |
| Over-turned rock | Exposed roots below intact soil layer | Sediment sorting |
| Relict bar & swale | Flow or streaming lineations | Sediment tails |
| Relict channel | Headcuts | Springs |
| Rock fracture in place | Imbricated gravel | Staining of rocks |
| Rock varnish | Knick Points | Stepped-bed morphology in gravel |
| No flow or ponding Indicators | Levee Ridges: sand & gravel | Substrate staining |
| Rubbed rock undersides | Observed inundation : flooding, ponding, or substrate saturation | Vegetation - channel alignment |
| Soil development | Out of channel flow | Water-cut benches |
| Surface rounding of landform | Overtured rocks | Water level marks |
| Woody debris in place | Rills | Wrack: woody |
| Notes: <i>ft/ 11 (t '6 J</i> | | |
| • Adapted from: A Field Guide to the Identification of the Ordinary High Water Mark (OHWM) in the Arid West Region of the Western United States, A Delineation Manual (Lichvar and McColley 2008); and Methods to Describe and Delineate Episodic Stream Process on Arid landscapes for Permitting Utility-Scale Solar Power Plants (Brady and Vyverberg, 2013). | | |

| Field Data Sheet: Identification of Geomorphic Indicators of Upland and Watercourse Areas | | |
|---|---|---|
| Sample Point # an d/or Drainage ID # | Date: | Representative photo taken? <input type="checkbox"/> Yes / <input checked="" type="checkbox"/> No |
| Upland Indicators | Watercourse Indicators | |
| Av Horizon | Bars: mud, sand & gravel | Ripples |
| Biotic Soil Crust | Beach ridges | Scour |
| Blotubation | Bifurcated flow | Secondary channels |
| Callthe: coatings, layers, rubble | Biotic crusts | Secondary channel bypassing obstruction |
| Carbonate etching | Drainage swales | Sediment sheets |
| Clast / rock weathering | Crusts: carbonate, salt, & soda | Sand filled channels |
| Coppice dunes: active & relict | cut banks | Scour holes downstream of obstructions |
| Deflated surfaces | Desiccation Mud: cracks, curls / drapes | Sediment plastering |
| Desert pavement | Drift: organic | Sediment ramps |
| Over-turned rock | Exposed roots below intact soil layer | Sediment sorting |
| Relict bar & swale | flow or streaming lineations | Sediment: tails |
| Relict channel | Headcuts | Springs |
| Rock fracture in place | Imbricated gravel | Staining of rocks |
| Rock varnish | Knick Points | Stepped-bed morphology in gravel |
| No flow or ponding indicators | Levee Ridges: sand & gravel | Substrate staining |
| Rubified rock undersides | Observed inundation: flooding, ponding, or substrate saturation | Vegetation - channel alignment |
| terrestrial development | Out of channel flow | Water-cut benches |
| Surface rounding of landform | Overturnd rocks | Water level marks |
| Woody debris in place | Rills | Wrack: woody |
| Notes: | | |
| • Adapted from Field Guide to the Identification of the Ordinary High Water Mark (OHWM) in the Arid West Region of the Western United States, A Delineation Manual (Lichvar and McColley 2008); and Methods to Describe and Delineate Episodic Stream Process on Arid landscapes for Permitting Utility-Scale Solar Power Plants (Brady and Vyverberg, 2013). | | |

| Field Data Sheet: Identification of Geomorphic Indicators of Upland and Watercourse Areas | | |
|--|--|--|
| Sample Point # and/or Drainage ID # <u>RR::>00\</u> | Date: <u>1</u> / <u>,</u> / <u>1</u> | Representative photo taken? <u>Yes</u> / |
| Upland Indicators | Watercourse Indicators | |
| Av Hamon | Bars: mud, sand & gravel | Ripples |
| Biotic Soil Crust | Beach ridges | Scour |
| Blotubation | Bifurcated flow | Secondary channels |
| Caliche: coatings, layers, rubble | Biotic crusts | Secondary channel bypassing obstruction |
| Carbonate etching | Drainage swale | Sediment sheets |
| Clast / rock weathering | Crusts: carbonate, salt, & soda | Sand filled channels |
| Coppice dunes: active & relict | Cut banks | Scour holes downstream of obstructions |
| Deflated surfaces | Desiccation Mud: cracks, curls/ drapes | Sediment plastering |
| Desert pavement | Drift: organic | Sediment ramps |
| Over-turned rock | Exposed roots below intact soil layer | Sediment sorting |
| Relict bar & swale | Flow on stream lineations | Sediment : tail s |
| Relict channel | Headcuts | Springs |
| Rock fracture in place | Imbricated gravel | Staining of rocks |
| Rock varnish | Knick Points | Stepped-bed morphology in gravel |
| No flow or ponding indicators | Levee Ridges: sand & gravel | Substrate staining |
| Rubified rock undersides | Observed inundation : flooding, ponding, or substrate saturation | Vegetation - channel alignment |
| v's oil development | Out of channel flow | Water cut benches |
| Surface rounding of landform | Overtaken rocks | Water level marks |
| Woody debris in place | Rills | Wrack: woody |
| Notes <u>>C-----f .?Pfc l<f Sul-()</u> | | |
| •Adapted from: A Field Guide to the Identification of the Ordinary High Water Mark (OHWM) in the Arid West Region of the Western United States, A Delineation Manual (Lichvar and Mt Colley 2008); and Methods to Describe and Delineate Episodic Stream Process on Arid Landscapes for Permitting Utility-Scale Solar Power Plants (Brady and Vyverberg, 2013). | | |

| Field Data Sheet: Identification of Geomorphic Indicators of Upland and Watercourse Areas | | |
|--|---|--|
| Sample Point # and/or Drainage ID # | Date: | Representative photograph? <input checked="" type="checkbox"/> Yes / <input type="checkbox"/> No |
| RR-0001-Jr> e_.. | 11 /1;;> //&? | d. |
| Upland Indicators | Watercourse Indicators | |
| Av Horizon | Bars: mud, sand & gravel | Ripples |
| Biotic Soil Crust | Beach ridges | Scour |
| Blorubation | Bifurcated flow | Secondary channels |
| Caliche: coatings, layers, rubble | Biotic crusts | Secondary channel bypassing obstruction |
| Carbonate etching | Drainage swales | Sediment sheets |
| Clast / rock weathering | Crusts: carbonate, salt, & soda | Sand filled channels |
| Coppice dunes: active & relict | cutbanks | Scour holes downstream of obstructions |
| Deflated surfaces | Desiccation Mud: cracks, curls/ drapes | Sediment plastering |
| Desert pavement | Drift-organic | Sediment ramps |
| Over-turned rock | Exposed roots below intact soil layer | Sediment sorting |
| Relict bar & swale | low or streaming lineations | Sediment: tails |
| Relict channel | Headcuts | Springs |
| Rock fracture in place | Imbricated gravel | Staining of rocks |
| Rock varnish | Knick Points | Stepped-bed morphology in gravel |
| No flow or ponding Indicators | Levee Ridges: sand & gravel | Substrate staining |
| Rubified rock undersides | Observed inundation: flooding, ponding, or substrate saturation | Vegetation - channel alignment |
| /Soil development | Out of channel flow | Water-cut benches |
| Surface rounding of landform | Overturnd rocks | Water level marks |
| Woody debris in place | Rills - | Wrack: woody |
| Notes | | |
| <p>RR ,c; (</p> | | |
| <p>Field Guide to the Identification of the Ordinary High Water Mark (CHWM) in the Arid West Region of the Western United States, A Delineation Manual (Uchvar and Mccolley 2008); and Methods to Describe and Delineate Episodic Stream Process on Arid Landscapes for Permitting Utility-Scale Solar Power Plants (Brady and Vyverberg, 2013).</p> | | |

| Field Data Sheet: Identification of Geomorphic Indicators of Upland and Watercourse Areas | | |
|--|---|--|
| Sample Point / and/or Drainage ID / <i>if (< d f</i> | Date: <i>II JrJ/Jt,,.</i> | Representative photo taken? Yes/ <input type="checkbox"/> No <input checked="" type="checkbox"/> |
| <i>Upland Indicators</i> | <i>Watercourse Indicator s</i> | |
| Av Horizon | Bars: mud, sand & gravel | Ripples |
| Biotic Soil Crust | Beach ridges | Scour |
| Bioturbation | Bifurcated now | Secondary channels |
| caliche: coatings, layers, rubble | Biotic crusts | Secondary channel bypassing obstruction |
| carbonate etching | Drainage swales | Sediment sheets |
| caast / rock weathering | Crusts: carbonate, salt, & soda | Sand filled channels |
| Coppice dunes: active & relict | Cut banks | Scour holes downstream of obstructions |
| Deflated surfaces | Desiccation Mud: cracks, curls/ drapes | Sediment plastering |
| Desert pavement | Drift: organic | Sediment ramps |
| Over-turned rock | Exposed roots below intact soil layer | Sediment sorting |
| Relict bar & swale | Flow streamlining lineations | Sediment: tafels |
| Relict channel | Headcuts | Springs |
| Rock fracture in place | Imbricated gravel | Staining of rocks |
| Rock varnish | Knick Points | Stepped-bed morphology in gravel |
| No flow or ponding indicators | Levee Ridges: sand & gravel | Substrate staining |
| Rubified rock undersides | Observed inundation: flooding, ponding, or substrate saturation | Vegetation - channel alignment |
| Soil development | Out of channel flow | Water-cut benches |
| Surface rounding of landform | Overtaken rocks | Water level marks |
| Woody debris in place | Rills | Wrack: woody |
| Notes: <i>S 6::> feR. - /c:: {:: ,ep)</i> | | |
| • Adapted from: A Field Guide to the Identification of the Ordinary High Water Mark (OHWM) in the Arid West Region of the Western United States, A Delineation Manual (Uchvar and McColley 2008); and Methods to Describe and Delineate Episodic Stream Projeccion Arid Landscapes for Permitting Utility -Scale Solar Power Plants (Brady and Vyverberg, 2013). | | |

| Field Data Sheet: Identification of Geomorphic Indicators of Upland and Watercourse Areas | | |
|--|--|---|
| Sample Point # <u> rL </u> and/ or Drainage ID# <u>1- 1 0v</u> | Date: <u>\ / 1L / 14"</u> | Representative photo taken?!_Yes / _ _ No |
| Upland Indicators | Watercourse Indicators | |
| Av Horizon | Bars: mud, sand & gravel | Ripples |
| Biotic Soil Crust | Beach ridges | /cour |
| BlotubatiOn | Bifurcated flow | Secondary channels |
| Cailche:coatings, layers, rubble | Biotic crusts | Secondary channel bypassing obstruction |
| Carbonate etching | Drainage swales | Sediment sheets |
| Clast / rock weathering | Crusts: carbonate, salt, & soda | Sand filled channels |
| Coppice dunes: active & relict | Cutbanks | Scour holes downstream of obstructions |
| Deflated surfaces | Desiccation Mud: cracks, curls / drapes | Sediment plastering |
| Desert pavement | Drift;organic | Sediment ramps |
| Over-turned rock | Exposed roots below intact soil layer | Sediment sorting |
| Relict bar & swale | Flow or streaminglineations | Sediment: tails |
| Relict channel | Headcuts | Springs |
| Rock fracture In place | Imbricated gravel | Staining of rocks |
| Rock varnish | Knick Points | Stepped-bed morphology in gravel |
| No flow or ponding indicators | Levee Ridges: sand & gravel | Substrate staining |
| RubiOed rock undersides | Observed Inundation: flooding,ponding, or substrate saturation | Vegetation - channel alignment |
| _/Soll development | Out of channel flow | Water-cut benches |
| Surface rounding of landform | Overturned rocks | Water level marks |
| Woody debris in place | Rliis | Wrack : woody |
| Note s: <u>AP- JC, a.,A/DJIU.A</u> | | |
| *Adapted from: A Field Guide to the Identification of the Ordinary High Water Mark (OHWM) In the Arid West Region of the Western United States, A Delineation Manual (Uchvar and McColley 2008); and Methods to Describe and Delineate Episodic Stream Process on Arid Landscapes for Permitting Utility-Scale Solar Power Plants (Brady and Vyverberg, 2013). | | |

| Field Data Sheet : Identification of Geomorphic Indicators of Upland and Watercourse Areas | | |
|---|---|---|
| Sample Point # and/or DrainageID# <i>RRJlb</i> | Date: <i>11/11/2011</i> | Representative photo taken? <input type="checkbox"/> Yes/ <input checked="" type="checkbox"/> No <i>L.0</i> |
| <i>Upland Indicators</i> | <i>Watercourse Indicators</i> | |
| Av Horizon | Bars: mud, sand & gravel | Ripples |
| Biotic Soil Crust | Beach ridges | Scour |
| Blotubation | Bifurcated flow | Secondary channels |
| Caliche: coatings, layers, rubble | Biotic crusts | Secondary channel bypassing obstruction |
| Carbonate etching | Drainage swales | Sediment sheets |
| Clast / rock weathering | Crusts; carbonate, salt, & soda | Sand filled channels |
| Coppice dunes: active & relict | cutbanks | Scour holes downstream of obstructions |
| Deflated surfaces | Desiccation Mud: cracks, curls/ drapes | Sediment plastering |
| Desert pavement | Drift: organic | Sediment ramps |
| Over-turned rock | Exposed roots below intact soil layer | Sediment sorting |
| Relict bar & swale | Flow or stream lineations | Sediment: tails |
| Relict channel | Headcuts | Springs |
| Rock fracture in place | Imbricated gravel | Stratification of rocks |
| Rock varnish | knick Points | Stepped-bed morphology in gravel |
| No flow or ponding indicators | Levee Ridges: sand & gravel | Substrate staining |
| Rubified rock undersides | Observed Inundation: flooding, ponding, or substrate saturation | Vegetation - channel alignment |
| Channel development | Out of channel flow | Water-cut benches |
| Surface rounding of landform | Overturned rocks | Water level marks |
| Woody debris in place | Rills | Wrack : woody |
| <p><i>51:---(AR-1 <t(>..uA,UL)</i></p> | | |
| <p>• Adapted from: A field Guide to the Identification of the Ordinary High Water Mark (OHWM) in the Arid West Region of the Western United States, A Delineation Manual (Lichvar and McColley 2008); and Methods to Describe and Delineate Episodic Stream Process on Arid Landscapes for Permitting Utility-Scale Solar Power Plants (Brady and Vyverberg, 2013).</p> | | |

| Field Data Sheet: Identification of Geomorphic Indicators of Upland and Watercourse Areas | | |
|--|---|---|
| Sample Point# _____ and/or Drainage ID # _____ | Date: ____/____/____ | Representative photo taken ? <input type="checkbox"/> Yes <input type="checkbox"/> No |
| Upland Indicators | Watercourse Indicators | |
| Av Horizon | Bars: mud, sand & gravel | Ripples |
| Biotic Soil Crust | Beach ridges | /cours |
| Bioturbation | Bifurcated now | Secondary channels |
| CaHche: coatings, layers, rubble | Biotic crusts | Secondary channel bypassing obstruction |
| Carbonate etching | Drainageswales | Sediment sheets |
| Clast / rock weathering | Crusts: carbonate, salt, & soda | Sand filled channels |
| Coppice dunes: active & relict | Cul banks | Scour holes downstream of obstructions |
| Deflated surfaces | Desiccation Mud : cracks, curls/ drapes | Sediment plastering |
| Desert pavement | Drift : organic | Sediment ramps |
| Over-turned rock | Exposed roots below Intact soil layer | Sediment sorting |
| Relict bar & swale | Flow or streaming lineatlons | Sediment: tails |
| Relict channel | Headcuts | Springs |
| Rock fracture In place | Imbricated gravel | Stainingof rocks |
| Rock varnish | Knick Points | Stepped-bed morphology In gravel |
| No flow or ponding indicators | Levee Ridges: sand & gravel | Substrate staining |
| Rubified rockundersides | Observed Inundation: noodling, ponding, or substrate saturation | Vegetation - channel alignment |
| Soil development | Out of channel flow | Water-cut benches |
| Surface rounding of landform | Overtured rocks | Water level marks |
| Woody debris in place | Rills | Wrack: woody |
| Notes: 6-:;> fe/c_ /7 r Ju Nu | | |
| • Adapted from : A Field Guide to the Identification of the Ordinary High Water Mark (OHWM) in the Arid West Region of the Western United States, A Delineation Manual (Uchvar and Mccolley 2008); and Methods to Describe and Delineate Episodic Stream Process on Arid Landscapes for Permitting Utility-Scale Solar Power Plants (Brady and Vyverberg, 2013). | | |

| Field Data Sheet: Identification of Geomorphic Indicators of Upland and Watercourse Areas | | |
|---|---|---|
| Sample Point# and/or Drainage ID# | Date: | Representative photo taken?_ Yes / |
| 1<7i (:2d't | 11/13/19.t, | 0- |
| Upland Indicators | Watercourse Indicators | |
| Av Horizon | Bars: mud, sand & gravel | Ripples |
| Biotic Soil Crust | Beach ridges | Scour |
| Bioturbation | Bifurcated flow | Secondary channels |
| caliche: coatings, layers, rubble | Biotic crusts | Secondary channel bypassing obstruction |
| carbonate etching | Drainage swales | Sediment sheets |
| Clast / rock weathering | Crusts: carbonate, salt, & soda | Sand filled channels |
| Coppice dunes: active & relict | / Cutbanks | Scour holes downstream of obstructions |
| Deflated surfaces | Desiccation Mud: cracks, curls / drapes | Sediment plastering |
| Desert pavement | Drift: organic | Sediment ramps |
| Over-turned rock | Exposed roots below Intact soil layer | Sediment sorting |
| Relict bar & swale | /low water level | Sediment: tails |
| Relict channel | Headcuts | Springs |
| Rock fracture in place | Imbricated gravel | Staining of rocks |
| Rock varnish | Knick Points | Stepped, bed morphology in gravel |
| No flow or ponding Indicators | Levee Ridges: sand & gravel | Substrate staining |
| Rubified rock undersides | Observed Inundation: flooding, ponding, or substrate saturation | Vegetation - channel alignment |
| 011 development | Out of channel flow | Water-cut benches |
| Surface rounding of landform | Overtaken rocks | Water level marks |
| Woody debris in place | Rills | Wrack: woody |
| Notes: R.f.c, (..L(,AJiJ/ ") | | |
| • Adapted from : A Field Guide to the Identification of the Ordinary High Water Mark (OHWM) in the Arid West Region of the Western United States, A Delineation Manual (Ilichvar and McColley 2008); and Methods to Describe and Delineate Episodic Stream Process on Arid Landscapes for Permitting Utility-Scale Solar Power Plants (Brady and Vyverberg, 2013). | | |


Field Data Sheet: Identification of Geomorphic Indicators of Upland and Watercourse Areas

| Sample Point# and/or Drainage ID# | Date: | Representative photo taken? _ Yes / / No |
|---|--|--|
| <i>Upland Indicators</i> | <i>Watercourse Indicators</i> | |
| Av Horizon | Bars: mud, sand & gravel | Ripples |
| Biotic Soil Crust | Beach ridges | Scour |
| Bioturbation | Bifurcated flow | Secondary channels |
| Caliche: CO ₂ fillings, layers, rubble | Blotic crusts | Secondary channel bypassing obstruction |
| Carbonate etching | Drainage swales | Sediment sheets |
| Clast / rock weathering | Crusts: carbonate, salt, & soda | Sand filled channels |
| Coppice dunes: active & relict | cut banks | Scour holes downstream of obstructions |
| Deflated surfaces | Desiccation Mud: cracks, curls/ drapes | Sediment plastering |
| Desert pavement | Drift: organic | Sediment ramps |
| Over-turned rock | Exposed roots below intact soil layer | Sediment sorting |
| Relict bar & swale | Flow or streaming lineations | Sediment: tails |
| Relict channel | Headcuts | Springs |
| Rock fracture in place | Imbricated gravel | Staining of rocks |
| Rock varnish | Knick Points | Stepped -bed morphology in gravel |
| No flow or ponding indicators | Levee Ridges: sand & gravel | Substrate staining |
| Rubified rock undersides | Observed inundation : flooding, ponding, or substrate saturation | Vegetation - channel alignment |
| / Soil development | Out of channel flow | Water-cut benches |
| Surface rounding of landform | Overturnd rocks | Water level marks |
| Woody debris in place | Rills | Wreck: woody |
| Note s: { <i>fe..fc- /7 (>".ijJ)1/)</i> | | |
| •Adapted from: A Field Guide to the Identification of the Ordinary High Water Mark (OHWM) In the Arid West Region of the Western United States, A Delineation Manual (Lichvar and McColley 2008); and Methods to Describe and Delineate Episodic Stream Processes on Arid landscapes for Permitting Utility-Scale Solar Power Plants (Brady and Vyverberg, 2013). | | |

| Field Data Sheet: Identification of Geomorphic Indicators of Upland and Watercourse Areas | | |
|---|---|---|
| Sample Point# and/or Drainage ID # | Date: | Representative photo taken? _ |
| <i>Upland Indicators</i> | <i>Watercourse Indicators</i> | |
| Av Horizon | Bars: mud, sand & gravel | Ripples |
| Biotic Soil Crust | Beach ridges | Scour |
| Bioturbation | Bifurcated flow | Secondary channels |
| Caliche, coatings, layers, rubble | Biotic crusts | Secondary channel bypassing obstruction |
| Carbonate etching | Drainage swales | Sediment sheets |
| Clast / rock weathering | Crusts: carbonate, salt, & soda | Sand filled channels |
| Coppice dunes: active & relict | Cul banks | Scour holes downstream of obstructions |
| Deflated surfaces | Desiccation Mud: cracks, curls/ drapes | Sediment plastering |
| Desert pavement | Drift: organic | Sediment ramps |
| Over-turned rock | Exposed roots below intact soil layer | Sediment sorting |
| Relict bar & swale | Flow or streaming lineations | Sediment: tails |
| Relict channel | Headcuts | Springs |
| Rock fracture in place | Imbricated gravel | Staining of rocks |
| Rock varnish | Knick Points | Stepped-bed morphology in gravel |
| No flow or ponding indicators | Levee Ridges: sand & gravel | Substrate staining |
| Rubified rock undersides | Observed inundation; flooding, ponding, or substrate saturation | Vegetation - channel alignment |
| Soil development | Out of channel flow | Water-cut benches |
| Surface rounding of landform | Overturned rocks | Water level marks |
| Woody debris in place | Riffs | Wrack : woody |
| Notes: | | |
| •Adapted from: A Field Guide to the Identification of the Ordinary High Water Mark (OHWM) in the Arid West Region of the Western United States, A Delineation Manual (Uchvar and McColley 2008); and Methods to Describe and Delineate Episodic Stream Process on Arid Landscapes for Permitting Utility-Scale Solar Power Plants (Bradley and Vyverberg 2013). | | |

| Field Data Sheet: Identification of Geomorphic Indicators of Upland and Watercourse Areas | | |
|--|---|--|
| Sample Point# and/or Drainage ID# | Date: | Representative photo taken? <input type="checkbox"/> Yes/ <input checked="" type="checkbox"/> No |
| RR d-1\ L | 11/13/J | |
| Upland Indicators | Watercourse Indicators | |
| Av Horizon | Bars: mud, sand & gravel | Ripples |
| Biotic Soil Crust | Beach ridges | Scour |
| Bioturbation | Bifurcated flow | Secondary channels |
| caliche: coatings, layers, rubble | Biotic crusts | Secondary channel bypassing obstruction |
| Carbonate etching | Drainage swales | Sediment sheets |
| Clast / rock weathering | Crusts: carbonate, salt, & soda | Sand filled channels |
| Coppice dunes: active & relict | cut banks | Scour holes downstream of obstructions |
| Deflated surfaces | Desiccation Mud: cracks, curls / drapes | Sediment plastering |
| Desert pavement | Drift: organic | Sediment ramps |
| Over-turned rock | Exposed roots below intact soil layer | Sediment sorting |
| Relict bar & swale | Flow or streaming lineations | Sediment: rails |
| Relict channel | Headcuts | Springs |
| Rock fracture In place | Imbricated gravel | Staining of rocks |
| Rock varnish | Knick Points | Stepped-bed morphology In gravel |
| No now or ponding indicators | Levee Ridges: sand & gravel | Substrate staining |
| Rubified rock undersides | Observed Inundation: flooding, ponding, or substrate saturation | Vegetation - channel alignment |
| development | Out of channel flow | Water-cut benches |
| Surface rounding of landform | Overturnd rocks | Water level marks |
| Woody debris In place | RLiis | Wrack; woody |
| Notes: <--- . . (/c (l IC,{ \$. _/_.(?/Vi?() | | |
| • Adapted from: A Field Guide to the Identification of the Ordinary High Water Mark (OHWM) In the Arid West Region of the Western United States, A Delineation Manual (Lichvar and McColley 2008); and Methods to Describe and Delineate Episodic Stream Process on Arid Landscapes for Permitting Utility-Scale Solar Power Plants (Brady and Vyverberg, 2013). | | |

| Field Data Sheet: Identification of Geomorphic Indicators of Upland and Watercourse Areas | | |
|--|--|---|
| Sample Point # _____ and/or Drainage 10# <i>R f<" ;). '5 b</i> | Date: <i>;,);3//</i> | Representative photo taken? <i>Yes/</i> |
| Upland Indicators | Watercourse Indicators | |
| Av Horizon | Bars: mud, sand & gravel | Ripples |
| Biotic Soil Crust | Beach ridges | Scour |
| Bioturbation | Bifurcated flow | Secondary channels |
| Caliche: coatings, layers, rubble | Biotic crusts | Secondary channel bypassing obstruction |
| Carbonate etching | Drainage swales | Sediment sheets |
| Clast / rock weathering | Crusts: carbonate, salt, & soda | Sand filled channels |
| Coppicedunes: active & relict | cut banks | Scour holes downstream of obstructions |
| Deflated surfaces | Desiccation Mud: cracks, curls / drapes | Sediment plastering |
| Desert pavement | Drift: organic | Sediment ramps |
| Over-turned rock | Exposed roots below intact soil layer | Sediment sorting |
| Relict bar & swale | Flow or streaming lineations | Sediment: tails |
| Relict channel | Headcuts | Springs |
| Rock fracture in place | Imbricated gravel | Staining of rocks |
| Rock varnish | Knick Points | Stepped -bed morphology in gravel |
| No flow or ponding indicators | Levee Ridges: sand & gravel | Substrate staining |
| Rubified rock undersides | Observed inundation : flooding, ponding, or substrate saturation | Vegetation - channel alignment |
| Soil development | Out of channel flow | Water-cut benches |
| Surface rounding of landform | Overturnd rocks | Water level marks |
| Woody debris in place | Reefs | Wrack: woody |
| Notes: <i>"...- ftR I C,- (/VD/'•::,)</i> | | |
| • Adapted from: A Field Guide to the Identification of the Ordinary High Water Mark (OHWM) in the Arid West Region of the Western United States, A Delineation Manual (Lichvar and McColley 2008); and Methods to Describe and Delineate Episodic Stream Process on Arid Landscapes for Permitting Utility-Scale Solar Power Plants (Brady and Vyverberg, 2013). | | |

| Field Data Sheet: Identification of Geomorphic Indicators of Upland and Watercourse Areas | | |
|--|---|--|
| Sample Point # and/or Drainage ID # <i>RR;JSL--</i> | Date: <i>n)1!::>/ /</i> | Representative photo taken? <input type="checkbox"/> <input type="checkbox"/> Yes/  |
| <i>Upland Indicators</i> | <i>Watercourse Indicators</i> | |
| Av Horizon | Bars:mud, sand & gravel | Ripples |
| Biotic Soil Crust | Beach ridges | Scour |
| Bioluminescence | Bifurcated flow | Secondary channels |
| Caliche: coatings, layers, rubble | Biotic crusts | Secondary channel bypassing obstruction |
| Carbonate etching | Drainage swales | Sediment sheets |
| Clast / rock weathering | Crusts: carbonate, salt, & soda | Sand filled channels |
| Coppice dunes: active & relict | cut banks | Scour holes downstream of obstructions |
| Deflated surfaces | Desiccation Mud: crack,scurl/ drapes | Sediment plastering |
| Desert pavement | Drift:organic | Sediment ramps |
| Over-turned rock | Exposed roots below intact soil layer | Sediment sorting |
| Relict bar & swale | flow or streaming lineations | Sediment: tails |
| Relict channel | Headcuts | Springs |
| Rock fracture in place | Imbricated gravel | Staining of rocks |
| Rock varnish | Knick Points | Stepped-bed morphology in gravel |
| No flow or ponding Indicators | Levee Ridges: sand & gravel | Substrate staining |
| Rubified rock undersides | Observed inundation: flooding,ponding,or substrate saturation | Vegetation - channel alignment |
| Soil development | Out of channel flow | Water-cut benches |
| Surface rounding of landform | Overtured rocks | Water level marks |
| Woody debris in place | Rills | Wrack: woody |
| Notes : <i>5 J?R /7 {>\LP AA:.))</i> | | |
| •Adapt ed from: A Field Guide to the Identification of the Ordinary High Water Mark (OHWM) in the Arid West Region of the Western United States, A Delineation Manual (Lichvar and McColley 2008); and Methods to Describe and Delineate Episodic Stream Process on Arid Landscapes for Permitting Utility-Scale Solar Power Plants (Brady and Vyverberg, 2013). | | |

| Field Data Sheet : Identification of Geomorphic Indicators of Upland and Watercourse Areas | | |
|--|---|---|
| Sample Point # and/or Drainage ID # | Date: | Representative photo taken? <input type="checkbox"/> Yes/ <input type="checkbox"/> No |
| Upland Indicators | Watercourse Indicators | |
| Av Horizon | Bars: mud, sand & gravel | Ripples |
| Biotic Soil Crust | Beach ridges | Scour |
| Blotubation | Bifurcated flow | Secondary channels |
| Caliche: coatings, layers, rubble | Biotic crusts | Secondary channel bypassing obstruction |
| Carbonate etching | Drainage swales | Sediment sheets |
| Clast / rock weathering | Crusts: carbonate, salt, & soda | Sand filled channels |
| Coppice dunes: active & relict | Cutbanks | Scour holes downstream of obstructions |
| Deflated surfaces | Desiccation Mud - cracks, curls/ drapes | Sediment plastering |
| Desert pavement | Drift: organic | Sediment ramps |
| Over-turned rock | Exposed roots below intact soil layer | Sediment sorting |
| Relict bar & swale | Flow or streaming lineations | Sediment: tails |
| Relict channel | Headcuts | Springs |
| Rock fracture in place | Imbricated gravel | Staining of rocks |
| Rock varnish | Knick Points | Stepped-bed morphology in gravel |
| No flow or ponding indicators | Levee Ridges: sand & gravel | Substrate staining |
| Rubbed rock undersides | Observed inundation: flooding, ponding, or substrate saturation | Vegetation - channel alignment |
| Channel development | Out of channel flow | Water-cut benches |
| Surface rounding of landform | Overtaken rocks | Water level marks |
| Woody debris in place | Rills | Wrack: woody |
| Notes: | | |
| <p>• Adapted from: A Field Guide to the Identification of the Ordinary High Water Mark (OHWM) in the Arid West Region of the Western United States, A Delineation Manual (Lichvar and McColey 2008); and Methods to Describe and Delineate Episodic Stream Processes on Arid Landscapes for Permitting Utility-Scale Solar Power Plants (Brady and Vyverberg, 2013).</p> | | |

Field Data Sheet : Identification of Geomorphic Indicators of Upland and Watercourse Areas

| Sample Point # and/or Drainage ID# | Date: | Representative photo taken? <input type="checkbox"/> Yes <input type="checkbox"/> No |
|--|--|--|
| Upland Indicators | Watercourse Indicators | |
| Av Horizon | Bars: mud, sand & gravel | Ripples |
| Biotic Soil Crust | Beach ridges | Scour |
| Bioturbation | Bifurcated flow | Secondary channels |
| caliche: coatings, layers, rubble | Biotic crusts | Secondary channel bypassing obstruction |
| Carbonate etching | Drainage swales | Sediment sheets |
| Clast / rock weathering | Crusts: carbonate, salt, & soda | Sand filled channels |
| Coppice dunes: active & relict | Cut banks | Scour holes downstream of obstructions |
| Deflated surfaces | Desiccation Mud: crack, curls / drapes | Sediment plastering |
| Desert pavement | Drift: organic | Sediment ramps |
| Overturned rock | Exposed roots below intact soil layer | Sediment sorting |
| Relict bar & swale | Flow or streaming lineations | Sediment: tails |
| Relict channel | Headcuts | Springs |
| Rock fracture in place | Imbricated gravel | Staining of rocks |
| Rock varnish | Knick Points | Stepped-bed morphology in gravel |
| No flow or ponding indicators | Levee Ridges: sand & gravel | Substrate staining |
| Rubified rock undersides | Observed inundation: nooding, ponding, or substrate saturation | Vegetation - channel alignment |
| Channel development | Out of channel flow | Water-cut benches |
| Surface rounding of landform | Overturned rocks | Water level marks |
| Woody debris in place | | Wrack: woody |

Notes:

Rills

Area 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100

Adapted from: A Field Guide to the Identification of the Ordinary High Water Mark (OHWM) in the Arid West Region of the Western United States, A Delineation Manual (Lichvar and McColley 2008); and Methods to Describe and Delineate Episodic Stream Process on Arid Landscapes for Permitting Utility-Scale Solar Power Plants (Sady and Vyverberg, 2013).

| Field Data Sheet: Identification of Geomorphic Indicators of Upland and Watercourse Areas | | |
|--|---|---|
| Sample Point# <u>1/4</u> and/or Drainage ID# <u>1</u> | Date: <u>1/11/11</u> | Representative photo taken? <u> </u> Yes/ <u> </u> No |
| Upland Indicators | Water course Indicators | |
| Av Horizon | Bars: mud, sand & gravel | Ripples |
| Biotic Soil Crust | Beach ridges | Scour |
| Bioturbation | Bifurcated flow | Secondary channels |
| Caliche: coatings, layers, rubble | Biotic crusts | Secondary channel bypassing obstruction |
| Carbonate etching | Drainage swales | Sediment sheets |
| Clast / rock weathering | Crusts: carbonate, salt, & soda | Sand filled channels |
| Coppice dunes: active & relict | Cut banks | Scour holes downstream of obstructions |
| Deflated surfaces | Desiccation Mud: cracks, curls/ drapes | Sediment plastering |
| Desert pavement | Drift: organic | Sediment ramps |
| Over-turned rock | Exposed roots below intact soil layer | Sediment sorting |
| Relict bar & swale | Flow or streaming lineations | Sediment: tills |
| Relict channel | Headcuts | Springs |
| Rock fracture in place | Imbricated gravel | Staining of rocks |
| Rock varnish | Knick Points | Stepped-bed morphology in gravel |
| No flow or ponding indicators | Levee Ridges: sand & gravel | Substrate staining |
| Rubified rock undersides | Observed inundation: flooding, ponding, or substrate saturation | Vegetation - channel alignment |
| Soil development | Out of channel now | Water-cut benches |
| Surface rounding of landform | Overtured rocks | Water level marks |
| Woody debris in place | Rills | Wrack: woody |
| Notes: <u> </u> | | |
| • Adapted from: A Field Guide to the Identification of the Ordinary High Water Mark (OHWM) in the Arid West Region of the Western United States, A Delineation Manual (Uchvar and McColley 2008); and Methods to Describe and Delineate Episodic Stream Processes on Arid Landscapes for Permitting Utility-Scale Solar Power Plants (Brady and Vyverberg, 2013). | | |

| Field Data Sheet: Identification of Geomorphic Indicators of Upland and Watercourse Areas | | |
|---|--|--|
| Sample Point# and / or DrainageID <u>1123456789</u> | Date: <u>11/1/11</u> | Representative photo taken? <input checked="" type="checkbox"/> Yes <u>L.O</u> |
| Upland Indicators | Watercourse Indicators | |
| Av Horizon | Bars: mud, sand & gravel | Ripples |
| Biotic Soil Crust | Beach ridges | Scour |
| Botubation | Bifurcated flow | Secondary channels |
| (a liche: coatings, layers, rubble | Biotic crusts | Secondary channel bypassing obstruction |
| Carbonate etching | Drainage swales | Sediment sheets |
| Clast / rock weathering | Crusts: carbonate, salt, & soda | Sand Oiled channels |
| Coppice dunes: active & relict | /utbanks | Scour holes downstream of obstructions |
| Deflated surfaces | Desiccation Mud: crack, curls/ drapes | Sediment plastering |
| Desert pavement | Drift: organic | Sediment ramps |
| Over- turned rock | Exposed roots below Intact soil layer | Sediment sorting |
| Relict bar &swale | /low streaming lineations | Sediment: tails |
| Relict channel | Headcuts | Springs |
| Rock fracture in place | Imbricated gravel | Staining of rocks |
| Rock varnish | Knick Points | Stepped -bed morphology In gravel |
| No flow or ponding indicators | Levee Ridges: sand & gravel | Substrate staining |
| Rubified rock undersides | Observed inundation : flooding, ponding, or substrate saturation | Vegetation - channel alignment |
| ... development | Out of channel flow | Water-cut benches |
| Surface rounding of landform | Overtured rocks | Water level marks |
| Woody debris in place | Rills | Wrack: woody |
| Notes: <u>11/1/11</u> <u>1123456789</u> <u>11/1/11</u> <u>1123456789</u> <u>11/1/11</u> <u>1123456789</u> | | |
| *Adapted from: A Field Guide to the Identification of the Ordinary High Water Mark (OHWM) In the Arid West Region of the Western United States, A Delineation Manual (Lichvar and McColley 2008); and Methods to Describe and Delineate Episodic Stream Process on Arid Landscapes for Permitting Utility-Scale Solar Power Plants (Brady and Vyverberg, 2013). | | |


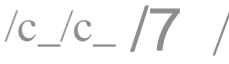

| Field Data Sheet: Identification of Geomorphic Indicators of Upland and Watercourse Areas | | |
|---|--|--|
| Sample Point # <u>9r</u> and/or Drainage ID # <u>k'1 L1-b</u> | Date: <u>11/11/11</u> | Representative photo taken? <input type="checkbox"/> Yes / <input type="checkbox"/> No |
| Upland Indicators | Watercourse Indicators | |
| Av Horizon | Bars: mud, sand & gravel | Ripples |
| Biotic Soil Crust | Beach ridges | /cour |
| Bioturbation | Bifurcated flow | Secondary channels |
| Caliche: coatings, layers, rubble | Blotchy crusts | Secondary channel bypassing obstruction |
| Carbonate etching | Drainage swales | Sediment sheets |
| Clast / rock weathering | Crusts: carbonate, salt, & soda | Sand filled channels |
| Coppice dunes: active & relict | Cut banks | Scour holes downstream of obstructions |
| Deflated surfaces | Desiccation Mud: cracks, curls/ drapes | Sediment plastering |
| Desert pavement | Drift: organic | Sediment ramps |
| Over-turned rock | Exposed roots below intact soil layer | Sediment sorting |
| Reflect bar & swale | / Flow or streaming line at foot | Sediment: tails |
| Relict channel | Headcuts | Springs |
| Rock fracture in place | Imbricated gravel | Staining of rocks |
| Rock varnish | Knick Points | Stepped-bed morphology in gravel |
| No flow or ponding indicators | Levee Ridges: sand & gravel | Substrate staining |
| Rubified rock undersides | Observed inundation: flooding, ponding or substrate saturation | Vegetation - channel alignment |
| /roll development | Out of channel flow | Water-cut benches |
| Surface rounding of landform | Overtaken rocks | Water level marks |
| Woody debris in place | Relics | Wrack: woody |
| Note s: <u>/r / 7 (5'4?'. , , v4)</u> | | |
| • Adapted from: A Field Guide to the Identification of the Ordinary High Water Mark (OI-IWM) In the Arid West Region of the Western United States, A Oelneation Manual (Ilchvar and McColley 2008); and Methods to Describe and Delineate Episodic Stream Process on Arid Landscapes for Permitting Utility-Scale Solar Power Plants (Brady and Vyverberg. 2013). | | |

| Field Data Sheet: Identification of Geomorphic Indicators of Upland and Watercourse Areas | | |
|---|---|---|
| Sample Point # 61 and/or DrainageID# ft -- ... | Date: 11 / \1Ji { 1 t? | Representative photo taken? <u>1</u> yes / <u> </u> No |
| <i>Upland Indicators</i> | <i>Watercourse Indicators</i> | |
| Av Horiion | Bars mud, sarid & gravel | Ripples |
| Biotic SoilCrust | Beach ridges | /cour |
| Biotubation | Bifurcated flow | Secondary channels |
| Callche: coatings, layers, rubble | Biotic crusts | Secondary channel bypassing obstruction |
| Carbonate etching | Drainage swales | Sediment sheets |
| Clast / rock weathering | Crusts: carbonate, sail, & soda | Sand nl led channels |
| Coppicedunes: active & relict | Cut banks | Scour holes downstream of obstructions |
| Deflated surfaces | Desiccation Mud : cracks, curls / drapes | Sediment plastering |
| Desert pavement | Drift:organic | Sediment ramps |
| Over-turned rock | Exposed roots below intact solllayer | Sediment sorting |
| Relict bar & swale | Flow or streaming lineatlons ./ | Sediment: tails |
| Relict channel | Headcuts | Springs |
| Rock fracture In place | Imbricated gravel | Staining of rocks |
| Rock varnish | Knick Points | Stepped-bed morphology In gravel |
| No flow or ponding Indicators | Levee Ridges: sand & gravel | Substrate staining |
| Rubified rock undersides / | ObservedInundation: flooding, ponding, or substrate saturallon | Vegetation - channel alignment |
| poll development | Out of channel flow | Water-cut benches |
| Surface roundi ng of landform | Overturmed rocks | Water level marks |
| Woody debris In place | Rilis - | Wrack : woody \ \ |
| Notes: t.-.-._pe...>/2 If (AAJ- j | | |
| • Adapted from: A Field Guide to the Identification of the Ordinary High Water Mark (OHWM) in the Arid West Region of the Western United States, A Oelineatlion Manual (Lichvar and Mccolley 2008); and Methods to Describe and Delineate Episodic StTeam Process on Aridl andscapes for PermittJng Utility-Scale Solar Power Plants (Brady and Vyverberg, 2013). | | |


| Field Data Sheet: Identification of Geomorphic Indicators of Upland and Watercourse Areas | | |
|--|---|--|
| Sample Point # and/ or Drainage ID # <i>RRd b</i> | Date: <i>)))Ii !!fA</i> | Representative photo taken? <input type="checkbox"/> Yes / <input type="checkbox"/> No |
| Upland Indicators | Watercourse Indicators | |
| Av Horizon | Bars:mud, sand & gravel | Ripples |
| Biotic Soil Crust | Beach ridges | Scour |
| Bioturbation | Bifurcated flow | Secondary channels |
| Caliche: coatings, layers, rubble | Biotic crusts | Secondary channel bypassing obstruction |
| Carbonate etching | Drainage swales | Sediment sheets |
| Clast / rock weathering | Crusts; carbonate, salt,& soda | Sand Riedchannels |
| Coppice dunes: active & relict | ibanks | Scour holes downstream of obstructions |
| Deflated surfaces | Desiccation Mud:cracks, curls/ drapes | Sediment plastering |
| Desert pavement | Drift:organic | Sediment ramps |
| Over-turned rock | Exposed roots below Intact soil layer | Sediment sorting |
| Relict bar & swale | <i>V</i> Flow or streaming lineations | Sediment: tails |
| Relict channel | Headcuts | Springs |
| Rock fracture in place | Imbricated gravel | Staining of rocks |
| Rock varnish | Knick Points | Stepped-bed morphology in gravel |
| No flow or ponding indicators | Levee Ridges: sand & gravel | Substrate stalling |
| Rubified rock undersides | Observed inundation: flooding, ponding, or substrate saturation | Vegetation - channel alignment |
| !development | Out of channel flow | Water-cut benches |
| Surface rounding of landform | Overtured rocks | Water level marks |
| Woody debris in place | Rills | Wrack: woody |
| Notes: <i>19 > A...oj</i> | | |
| * Adapted from: A Field Guide to the Identification of the Ordinary High Water Mark (OHWM) in the Arid West Region of the Western United States, A Delineation Manual (Uchvar!ndMccolley 2008);and Methods to Describe and Delineate Episodic Stream Process on Arid Landscapes for Permitting Utility-Scale Solar Power Plants (Brady and Vyverberg, 2013). | | |


| Field Data Sheet: Identification of Geomorphic Indicators of Upland and Watercourse Areas | | |
|--|---|---|
| Sample Point # _____ and/or Drainage ID # _____ | Date: _____ | Representative photo taken? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| Upland Indicators | Watercourse Indicators | |
| Av Horizon | Bars: mud, sand & gravel | Ripples |
| Biotic Soil Crust | Beach ridges | /cour |
| Bloturbation | Bifurcated flow | Secondary channels |
| Caliche: coatings, layers, rubble | Biotic crusts | Secondary channel bypassing obstruction |
| Carbonate etching | Drainage swales | Sediment sheets |
| Clast / rock weathering | Crusts: carbonate, salt, & soda | Sand filled channels |
| Coppice dunes: active & relict | Cut banks | Scour holes downstream of obstructions |
| Deflated surfaces | Desiccation Mud : cracks, curls/ drapes | Sediment plastering |
| Desert pavement | Drift: organic | Sediment ramps |
| Over-turned rock | Exposed roots below Intact soil layer | Sediment sorting |
| Relict bar & swale | Flow or streaming lineations | Sediment: tails |
| Relict channel | Headcuts | Springs |
| Rock fracture In place | Imbricated gravel | Staining of rocks |
| Rock varnish | Knick Points | Stepped-bed morphology in gravel |
| No flow or ponding indicators | Levee Ridges: sand & gravel | Substrate staining |
| Rubified rock undersides | Observed Inundation: flooding, ponding, or substrate saturation | Vegetation - channel alignment |
| soil development | Out of channel flow | Water-cut benches |
| Surface rounding of landform | Overturned rocks | Water level marks |
| Woody debris In place | Rills | Wrack: woody |
| Notes: <div>left. } (\$ faP)</div> | | |
| • Adapted from: A Field Guide to the Identification of the Ordinary High Water Mark (OHWM) in the Arid West Region of the Western United States, A Delineation Manual (Lichvar and McColley 2008); and Methods to Describe and Delineate Episodic Stream Processes on Arid Landscapes for Permitting Utility-Scale Solar Power Plants (Brady and Vyverberg, 2013). | | |

| Field Data Sheet: Identification of Geomorphic Indicators of Upland and Watercourse Areas | | |
|---|---|---|
| Sample Point # _____ and/or _____ Drainage ID# _____ | Date: _____ _____ | Representative photo taken? <input type="checkbox"/> Yes / <input checked="" type="checkbox"/> No |
| Upland Indicators | Watercourse Indicators | |
| Av Horizon | Bars: mud, sand & gravel | Ripples |
| Biotic Soil Crust | Beach ridges | Scour |
| Bioturbation | Bifurcated flow | Secondary channels |
| Caliche: coatings, layers, rubble | Biotocrusts | Secondary channel bypassing obstruction |
| Carbonate etching | Drainage swales | Sediment sheets |
| Clast / rock weathering | Crusts: carbonate, salt, & soda | Sand-filled channels |
| Coppice dunes: active & relict | cutbanks | Scour holes downstream of obstructions |
| Deflated surfaces | Desiccation Mud: cracks, curls/ drapes | Sediment plastering |
| Desert pavement | Drift: organic | Sediment ramps |
| Over-turned rock | Exposed roots below intact soil layer | Sediment sorting |
| Relict bar & swale | Flow or streaming lineations | Sediment: tails |
| Relict channel | Headcuts | Springs |
| Rock fracture in place | Imbricated gravel | Staining of rocks |
| Rock varnish | Knick Points | Stepped-bed morphology in gravel |
| No flow or ponding indicators | Levee Ridges: sand & gravel | Substrate staining |
| Rubified rock undersides | Observed inundation: flooding, ponding, or substrate saturation | Vegetation - channel alignment |
| Channel development | Out of channel flow | Water-cut benches |
| Surface rounding of landform | Overtaken rocks | Water level marks |
| Woody debris in place | Rills | Wrack: woody |
| Notes: _____ _____ _____ | | |
| *Adapted from: A Field Guide to the Identification of the Ordinary High Water Mark (OHWM) in the Arid West Region of the Western United States, A Delineation Manual (Lichvar and McColley 2008); and Methods to Describe and Delineate Episodic Stream Processes on Arid Landscapes for Permitting Utility-Scale Solar Power Plants (Brady and Vyverberg, 2013). | | |

| Field Data Sheet : Identification of Geomorphic Indicators of Upland and Watercourse Areas | | |
|--|--|--|
| Sample Point# <u>1</u> and/or Drainage ID # <u>1</u> | Date: <u>1/1/1P</u> | Representative photo taken? <input type="checkbox"/> Yes <input type="checkbox"/> No |
| Upland Indicators | Watercourse Indicators | |
| Av Horizon | Bars: mud, sand & gravel | Ripples |
| Biotic Soil Crust | Beach ridges | vs scour |
| Bioturbation | Bifurcated flow | Secondary channels |
| Caliche: coatings, layers, rubble | Biological crusts | Secondary channel bypassing obstruction |
| Carbonate etching | Drainage swales | Sediment sheets |
| Clast / rock weathering | Crusts: carbonate, salt, & soda | Sand filled channels |
| Coppice dunes: active & relict | Cutbanks | Scour holes downstream of obstructions |
| Deflated surfaces | Desiccation Mud: cracks, curls/ drapes | Sediment plastering |
| Desert pavement | Drift: organic | Sediment ramps |
| Over-turned rock | Exposed roots below intact soil layer | Sediment sorting |
| Relict bar & swale | Flow or streaming lineations | Sediment : tails |
| Relict channel | Headcuts | Springs |
| Rock fracture in place | Imbricated gravel | Staining of rocks |
| Rock varnish | Knick Points | Stepped-bed morphology in gravel |
| No flow or ponding Indicators | levee Ridges: sand & gravel | Substrate staining |
| Rubified rock underside | Observed Inundation : flooding, ponding, or substrate saturation | Vegetation - channel alignment |
| Soil development | Out of channel flow | Water-cut benches |
| Surface rounding of landform | Overtaken rocks | Water level marks |
| Woody debris in place | Rills | Wrack: woody |
| Note s: <div>    </div> | | |
| • Adapted from: A Field Guide to the Identification of the Ordinary High Water Mark (OHWM) in the Arid West Region of the Western United States, A Delineation Manual (Lichvar and McColley 2008); and Methods to Describe and Delineate Episodic Stream Process on Arid Landscapes for Permitting Utility-Scale Solar Power Plants (Brady and Vyverberg, 2013). | | |

| Field Data Sheet: Identification of Geomorphic Indicators of Upland and Watercourse Areas | | |
|---|--|---|
| Sample Point# <u>121.f</u> . and/or Drainage ID # <u>Ct '.,a,.,</u> | Date: <u>/hp /lIP</u> | Representative photo taken? <u>✓</u> Yes / <u> </u> No |
| <i>Upland Indicators</i> | <i>Watercourse Indicators</i> | |
| Av Horizon | Bars: mud, sand & gravel | Ripples |
| Biotic Soil Crust | Beach ridges | <u>/our</u> |
| Bioturbation | Bifurcated flow | Secondary channels |
| Caliche: coatings, layers, rubble | Biotic crusts | Secondary channel bypassing obstruction |
| Carbonate etching | Drainage swales | Sediment sheets |
| Clast / rock weathering | Crusts: carbonate, salt, & soda | Sand filled channels |
| Coppice dunes; active & relict | Culbanks | Scour holes downstream of obstructions |
| Deflated surfaces | Desiccation Mud : cracks, curls/ drapes | Sediment plastering |
| Desert pavement | Drift : organic | Sediment ramps |
| Over-turned rock | Exposed roots below intact soil layer | Sediment sorting |
| Relict bar & swale | Flow or streaming lineation s <u>./</u> | Sediment: tails |
| Relict channel | Headcuts | Springs |
| Rock fracture in place | Imbricated gravel | Staining of rocks |
| Rock varnish | Knick Points | Stepped-bed morphology in gravel |
| No flow or ponding Indicators | Levee Ridges: sand & gravel | Substrate staining |
| Rubified rock undersides | Observed Inundation : flooding, ponding, or substrate saturation | Vegetation - channel alignment |
| Soil development | Out of channel flow | Water-cut benches |
| Surface rounding of landform | Overtaken rocks | Water level marks |
| Woody debris in place | Reefs | Wrack: woody |
| Notes: <div style="text-align: center; font-size: 2em; font-family: cursive;">/ < l e . I c , r s A #)</div> | | |
| <small>•Adapted from: A Field Guide to the Identification of the Ordinary High Water Mark (OHWM) in the Arid West Region of the Western United States, A Delineation Manual (Uchvar and McColley 2008); and Methods to Describe and Delineate Episodic Stream Processes on Arid Landscapes for Permitting Utility-Scale Solar Power Plants (Brady and Vyverberg, 2013).</small> | | |

| Field Data Sheet: Identification of Geomorphic Indicators of Upland and Watercourse Areas | | |
|--|---|--|
| Sample Point # _____ and/or Drainage ID # _____ | Date : _____ W1v/1v | Representative photo taken? : <input type="checkbox"/> Yes / <input type="checkbox"/> No |
| Upland Indicators | Watercourse Indicators | |
| Av Horizon | Bars: mud, sand & gravel | Ripples |
| Biotic Soil Crust | Beach ridges | Four |
| Bioturbation | Bifurcated now | Secondary channels |
| Caliche: coatings, layers, rubble | Biotic crusts | Secondary channel bypassing obstruction |
| Carbonate etching | Drainage swales | Sediment sheets |
| Clast / rock weathering | Crusts: carbonate, salt, & soda | Sand lined channels |
| Coppice dunes: active & relict | Cut banks | Scour holes downstream of obstructions |
| Desert surfaces | Desiccation Mud: cracks, curls/ drapes | Sediment plastering |
| Desert pavement | Drift: organic | Sediment ramps |
| Over-turned rock | Exposed roots below intact soil layer | Sediment sorting |
| Relict bar & swale | Flow or streaming features | Sediment: tails |
| Relict channel | Headcuts | Springs |
| Rock fracture in place | Imbricated gravel | Staining of rocks |
| Rock varnish | Knick Points | Stepped-bed morphology in gravel |
| No flow or ponding indicators | Levee Ridges: sand & gravel | Substrate staining |
| Rubified rock undersides | Observed inundation: flooding, ponding, or substrate saturation | Vegetation - channel alignment |
| Volcanic development | Out of channel now | Water-cut benches |
| Surface rounding of landform | Overtaken rocks | Water level marks |
| Woody debris in place | Willows | Wrack: woody |
| Notes:  All the f > AI) | | |
| • Adapted from: A Field Guide to the Identification of the Ordinary High Water Mark (OHWM) in the Arid West Region of the Western United States, A Delineation Manual (Lichvar and McColley 2008); and Methods to Describe and Delineate Episodic Stream Process on Arid Landscapes for Permitting Utility-Scale Solar Power Plants (Brady and Vyverberg, 2013). | | |

| Field Data Sheet: Identification of Geomorphic Indicators of Upland and Watercourse Areas / | | |
|---|--|--|
| Sample Point # and/or Drainage ID # RR31b | Date: JJ/13//h | Representative photo taken? <input type="checkbox"/> Yes /  |
| Upland Indicators | Watercourse Indicators | |
| Av Horizon | Bars: mud, sand & gravel | Ripples |
| Biotic Soil Crust | Beach ridges | Scour |
| Bioturbation | Bifurcated flow | Secondary channels |
| Caliche : coatings, layers, rubble | Biotocrusts | Secondary channel bypassing obstruction |
| Carbonate etching | Drainage swales | Sediment sheets |
| Clast / rock weathering | Crusts: carbonate, salt, & soda | Sand filled channels |
| Coppice dunes: active & relict | cut banks | Scour holes downstream of obstructions |
| Deflated surfaces | Desiccation Mud: cracks, curls/ drapes | Sediment plastering |
| Desert pavement | Drift : organic | Sediment ramps |
| Over-turned rock | Exposed roots below intact soil layer | Sediment sorting |
| Relict bar & swale | flow or streaming lineations | Sediment: tails |
| Relict channel | Headcuts | Springs |
| Rock fracture in place | Imbricated gravel | Staining of rocks |
| Rock varnish | Knick Points | Stepped-bed morphology in gravel |
| No flow or ponding indicators | Levee Ridges: sand & gravel | Substrate staining |
| Rubbled rock undersides | Observed inundation : flooding, ponding, or substrate saturation | Vegetation - channel alignment |
| Roll development | Out of channel flow | Water-cut benches |
| Surface rounding of landform | Overtured rocks | Water level marks |
| Woody debris in place | Rills | Wrack: woody |
| Notes: ?6-..P f \L\9 (&RAID) | | |
| • Adapted from: A Field Guide to the Identification of the Ordinary High Water Mark (OHWM) in the Arid West Region of the Western United States, A Delineation Manual (Lichvar and McColley 2008); and Methods to Describe and Delineate Episodic Stream Process on Arid Landscape for Permitting Utility-Scale Solar Power Plants (Brady and Vyverberg, 2013). | | |

| Field Data Sheet: Identification of Geomorphic Indicators of Upland and Watercourse Areas | | |
|---|---|---|
| Sample Point# and/or Drainage ID # <u>Rf 3'ic.-</u> | Date: <u>11/13/16</u> | Representative photo taken? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |
| Upland Indicators | Watercourse Indicators | |
| Av Horizon | Bars: mud, sand & gravel | Ripples |
| Biotic Soil Crust | Beach ridges | Scour |
| Bioturbation | Bifurcated flow | Secondary channels |
| Caliche: coatings, layers, rubble | Biotic crusts | Secondary channel bypassing obstruction |
| Carbonate etching | Drainage swales | Sediment sheets |
| Clast / rock weathering | Crusts: carbonate, salt, & soda | Sand filled channels |
| Coppice dunes: active & relict | cut banks | Scour holes downstream of obstructions |
| Deflated surfaces | Desiccation Mud: cracks, curls/ drapes | Sediment plastering |
| Desert pavement | Drift: organic | Sediment ramps |
| Over-turned rock | Exposed roots below intact soil layer | Sediment sorting |
| Relict bar & swale | Flow streamlining features | Sediment: tails |
| Relict channel | Headcuts | Springs |
| Rock fracture in place | Imbricated gravel | Staining of rocks |
| Rock varnish | Knick Points | Stepped-bed morphology in gravel |
| No flow or ponding indicators | Levee Ridges: sand & gravel | Substrate staining |
| Rubified rock undersides | Observed inundation: flooding, ponding, or substrate saturation | Vegetation - channel alignment |
| Soil development | Out of channel flow | Watercul benches |
| Surface rounding of landform | Overturned rocks | Water level marks |
| Woody debris in place | Roots | Wrack: woody |
| <div style="text-align: center; font-size: 2em; font-family: cursive;"> A12-1'1 .AP1'V'''1-<J.:.,) </div> | | |
| <small> * Adapted from: A Field Guide to the Identification of the Ordinary High Water Mark (OHWM) in the Arid West Region of the Western United States, A Delineation Manual (Lichvar and McColley 2005); and Methods to Describe and Delineate Episodic Stream Process on Arid Landscapes for Permitting Utility-Scale Solar Power Plants (Brady and Vyverberg, 2013). </small> | | |

| Field Data Sheet: Identification of Geomorphic Indicators of Upland and Watercourse Areas | | |
|---|---|--|
| Sample Point # <u>Li4</u> : and/or Drainage ID# <u>1 - 1</u> | Date: <u>11/11/11</u> | Representative photo taken? <input type="checkbox"/> Yes <input type="checkbox"/> No |
| Upland Indicators | Watercourse Indicators | |
| Av Horizon | Bars: mud, sand & gravel | Ripples |
| Biotic Soil Crust | Beach ridges | Scour |
| Bioturbation | Bifurcated flow | Secondary channels |
| Caliche: coatings, layers, rubble | Biotic crusts | Secondary channel bypassing obstruction |
| Carbonate etching | Drainage swales | Sediment sheets |
| Clast <i>rock</i> weathering | Crusts: carbonate, salt, & soda | Sand filled channels |
| Coppice dunes; active & relict | <i>cutbanks</i> | Scour holes downstream of obstructions |
| Deflated surfaces | Desiccation mud: cracks, curls/ drapes | Sediment plastering |
| Desert pavement | Drift: organic | Sediment ramps |
| Over-turned rock | Exposed roots below intact soil layer | Sediment sorting |
| Relict bar & swale | Flow or streaming lineations | Sediment: tails |
| Relict channel | Headcuts | Springs |
| Rock fracture in place | Imbricated gravel | Staining of rocks |
| Rock varnish | Knick Points | Stepped-bed morphology in gravel |
| No flow or ponding indicators | Levee ridges: sand & gravel | Substrate staining |
| Rubbed rock undersides | Observed inundation: flooding, ponding, or substrate saturation | Vegetation - channel alignment |
| Soil development | Out of channel flow | Water-cut benches |
| Surface rounding of landform | Overturned rocks | Water level marks |
| Woody debris in place | Rills | Wrack: woody |
| Notes: <i>... (...)</i> | | |
| • Adapted from: A Field Guide to the Identification of the Ordinary High Water Mark (OHWM) in the Arid West Region of the Western United States, A Delineation Manual (Jlichvar and McColley 2008); and Methods to Describe and Delineate Episodic Stream Process on Arid Landscapes for Permitting Utility-Scale Solar Power Plants (Brady and Vyverberg, 2013). | | |

| Field Data Sheet: Identification of Geomorphic Indicators of Upland and Watercourse Areas | | |
|--|---|--|
| Sample Point# _____ and / or _____ Drainage ID # RR ,... | Date: 11/1 /1 | Representative photo taken? <input type="checkbox"/> Yes/L <input type="checkbox"/> No |
| Upland Indicators | Watercourse Indicators | |
| Av Horizon | Bars: mud, sand & gravel | Ripples |
| Biotic Soil Crust | Beach ridges | Scour |
| Bioturbation | Bifurcated flow | Secondary channels |
| Caliche: coatings, layers, rubble | Biotic crusts | Secondary channel bypassing obstruction |
| Carbonate etching | Drainage swales | Sediment sheets |
| Clast / rock weathering | Crusts: carbonate, salt, & soda | Sand filled channels |
| Coppice dunes: active & relict | Cut banks | Scour holes downstream of obstructions |
| Deflated surfaces | Desiccation Mud: cracks, curls/ drapes | Sediment plastering |
| Desert pavement | Drift: org, m/c | Sediment ramps |
| Over-turned rock | Exposed roots below intact soil layer | Sediment sorting |
| Relict bar & swale | Flow or streaming lineations | Sediment: tails |
| Relict channel | Headcuts | Springs |
| Rock fracture in place | Imbricated gravel | Staining of rocks |
| Rock varnish | Knick Points | Stepped-bed morphology in gravel |
| / No flow or ponding indicators | Levee Ridges: sand & gravel | Substrate staining |
| Rubified rock undersides | Observed inundation: flooding, ponding, or substrate saturation | Vegetation - channel alignment |
| Soil development | Out of channel flow | Water-cut benches |
| / Surface rounding of landform | overturned rocks | Water level marks |
| Woody debris in place | Rills | Wrack: woody |
| <p> • Adapted from: A Field Guide to the Identification of the Ordinary High Water Mark (OHWM) in the Arid West Region of the Western United States, A Delineation Manual (Lichvar and McColley 2008); and Methods to Describe and Delineate Episodic Stream Processes on Arid landscapes for Permitting Utility-Scale Solar Power Plants (Brady and Vyverberg, 2013). </p> | | |

| Field Data Sheet: Identification of Geomorphic Indicators of Upland and Watercourse Areas | | |
|--|--|--|
| Sample Point # <u>L\..J</u> and/or Drainage ID# <u>f-..((</u> | Date : <u>11/11/2011</u> | Representative photo taken? <u>Yes</u> / <u>No</u> |
| Upland Indicators | Watercourse Indicators | |
| Av Horizon | Bars: mud, sand & gravel | Ripples |
| Biotic Soil Crust | Beach ridges | Scour |
| Bioturbation | Bifurcated flow | Secondary channels |
| Caliche : coatings, layers, rubble | Biotic crusts | Secondary channel bypassing obstruction |
| Carbonate etching | Drainage swales | Sediment sheets |
| Clast / rock weathering | Crusts: carbonate, salt, & soda | Sand filled channels |
| Coppicedunes: active & relict | Cut banks | Scour holes downstream of obstructions |
| Denuded surfaces | Desiccation Mud: cracks, curls / drapes | Sediment plastering |
| Desert pavement | Drift : organic | Sediment ramps |
| Over-turned rock | Exposed roots below intact soil layer | Sediment sorting |
| Relict bar & swale | Flow or streaming lineations | Sediment: tails |
| Relict channel | Headcuts | Springs |
| Rock fracture in place | Imbricated gravel | Staining of rocks |
| Rock varnish | Knick Points | Stepped-bed morphology in gravel |
| Flow or ponding indicators | Levee Ridges: sand & gravel | Substrate staining |
| Rubified rock undersides | Observed inundation : flooding, ponding, or substrate saturation | Vegetation - channel alignment |
| Soil development | Out of channel flow | Water-cut benches |
| Surface rounded landform | Overturned rocks | Water level marks |
| Woody debris in place | Rills | Wrack: woody |
| Notes: <u>So..JJ i /2.. 3:;- (JUA.£1)</u> | | |
| • Adapted from: A Field Guide to the Identification of the Ordinary High Water Mark (OHWM) in the Arid West Region of the Western United States, A Delineation Manual (Uchvar and McColley 2008); and Methods to Describe and Delineate Episodic Stream Process on Arid landscapes for Permitting Utility -Scale Solar Power Plants (Brady and Vyverberg, 2013). | | |

| Field Data Sheet: Identification of Geomorphic Indicators of Upland and Watercourse Areas | | |
|---|---|---|
| Sample Point # and/or Drainage ID # | Date: | Representative photo taken? Yes/ |
| R1 / R.. 'C | 11/1 /11 | L.o |
| <i>Upland Indicators</i> | <i>Watercourse Indicators</i> | |
| Av Horizon | Bars: mud, sand & gravel | Ripples |
| Biotic Soil Crust | Beach ridges | Scour |
| Bioturbation | Bifurcated flow | Secondary channels |
| caliche: coatings, layers, rubble | Biotic crusts | Secondary channel bypassing obstruction |
| Carbonate etching | Drainage swales | Sediment sheets |
| Clast / rock weathering | Crusts: carbonate, salt, & soda | Sand filled channels |
| Coppice dunes: active & relict | Cutbanks | Scour holes downstream of obstructions |
| Deflated surfaces | Desiccation Mud: cracks, curls/ drapes | Sediment plastering |
| Desert pavement | Drift: organic | Sediment ramps |
| Over-turned rock | Exposed roots below intact soil layer | Sediment sorting |
| Relict bar & swale | Flow or streaming lineations | Sediment: tails |
| Relict channel | Headcuts | Springs |
| Rock fracture in place | Imbricated gravel | Staining of rocks |
| Rock varnish | Knick Points | Stepped-bed morphology in gravel |
| No flow or ponding indicators | Levee Ridges: sand & gravel | Substrate staining |
| Rubified rock underside | Observed inundation: flooding, ponding, or substrate saturation | Vegetation - channel alignment |
| Soil development | Out of channel flow | Water-wt benches |
| Shaping of landform | Overtaken rocks | Water level marks |
| Woody debris in place | W Rills | Wrack: woody |
| <p>Notes:</p> <p>11/1/11</p> <p>1</p> | | |
| <p>• Adapted from: A Field Guide to the Identification of the Ordinary High Water Mark (OHWM) in the Arid West Region of the Western United States, A Delineation Manual (Lichvar and McColley 2008); and Methods to Describe and Delineate Episodic Stream Process on Arid Landscapes for Permitting Utility-Scale Solar Power Plants (Brady and Vyverberg, 2013).</p> | | |

| Field Data Sheet : Identification of Geomorphic Indicators of Upland and Watercourse Areas | | |
|--|---|---|
| Sample Point # _____ and/or <i>AR,CJ</i> Drainage ID # <i>(A)</i> | Date: <i>11J, J1i</i> | Representative photo taken? Yes/ o |
| Upland Indicators | Watercourse Indicators | |
| Av Horizon | Bars:mud, sand & gravel | Ripples |
| Biotic Soil Crust | Beach ridges | Scour |
| Bioturbation | Bifurcated flow | Secondary channels |
| Caliche:coatings, layers, rubble | Biotic crusts | Secondary channel bypassing obstruction |
| Carbonate etching | Drainage swales | Sediment sheets |
| Clast / rock weathering | Crusts: carbonate, salt, & soda | Sand filled channels |
| Coppice dunes: active & relict | Cut banks | Scour holes downstream of obstructions |
| Deflated surfaces | Desiccation Mud:cracks. cuds/ drapes | Sediment plastering |
| Desert pavement | Dnft:organic | Sediment ramps |
| Over-turned rock | Exposed roots below Intact soil layer | Sediment sorting |
| Relict bar & swale | Flow or streaming lineations | Sediment: tails |
| Relict channel | Headcuts | Springs |
| Rock fracture in place | Imbricated gravel | Staining of rocks |
| Rock varnish | Knick Points | Stepped-bed morphology in gravel |
| Flow or ponding indicators | Levee Ridges: sand & gravel | Substrate staining |
| Rubified rock undersides | Observed inundation: flooding, ponding, or substrate saturation | Vegetation - channel alignment |
| Soil development | Out of channel flow | Water-cut benches |
| Surface rounding of landform | Overtaken rocks | Water level marks |
| Woody debris in place | Rills | Wrack: woody |
| Notes <i>1/2. R/J. L/,-,1 ('s--u ..-Ve)</i> | | |
| • Adapted from: A Field Guide to the Identification of the Ordinary High Water Mark (OHWM) in the Arid West Region of the Western United States, A Delineation Manual (Lichvar and McColley 2008); and Methods to Describe and Delineate Episodic Stream Process on Arid Landscapes for Permitting Utility-Scale Solar Power Plants (Brady and Vyverberg, 2013). | | |

| Field Data Sheet: Identification of Geomorphic Indicators of Upland and Watercourse Areas | | |
|---|--|---|
| Sample Point# and Drainage ID # <i>YJ<-=J-0</i> | Date: <i>11/11)1</i> | Representative photo taken? Yes/..£. |
| <i>Upland Indicators</i> | <i>Watercourse Indicators</i> | |
| AV HorizOI' | Bars: mud, sand & gravel | Ripples |
| Biotic Soil Crust | Beach ridges | Scour |
| Biotubation | Bifurcated flow | Secondary channels |
| Caliche: coatings, layers, rubble | Biotic crusts | Secondary channel bypassing obstruction |
| Carbonate etching | Drainage swales | Sediment sheets |
| Clast / rock weathering | Crusts: carbonate, salt, & soda | Sand filled channels |
| Coppice dunes: active & relict | Cut banks | Scour holes downstream of obstructions |
| Deflated surfaces | Desiccation Mud: cracks, curls/ drapes | Sediment plastering |
| Desert pavement | Drift: organic | Sediment ramps |
| Over-turned rock | Exposed roots below intact soil layer | Sediment sorting |
| Relict bar & swale | Flow or streamlmg lneations | Sediment: tails |
| Relict channel | Headcuts | Springs |
| Rock fracture in place | Imbricated gravel | Staining of rocks |
| Rock varnish | Knick Points | Stepped-bed morphology in gravel |
| <i>1/</i> No flow or ponding indicators | Levee Ridges: sand & gravel | Substrate staining |
| Rubified rock undersides | Observed inundation : flooding, ponding, or substrate saturation | Vegetation - channel alignment |
| Soil development | Out of channel flow | Water cut benches |
| Surface rounding of landform | Overturmed rocks | Water level marks |
| Woody debris in place | Rills | Wrack: woody |
| Notes: <div style="text-align: center; font-size: 2em; font-family: cursive;">q-;(.s::k +</div> | | |
| •Adapted from: A Field Guide to the Identification of the Ordinary High Water Mark (OHWM) in the Arid West Region of the Western United States, A Delineation Manual (Ilchvar and McColley 2008); and Methods to Describe and Delineate Episodic Stream Process on Arid Landscapes for Permitting Utility-Scale Solar Power Plants (Brady and Vyverberg, 2013). | | |

| Field Data Sheet: Identification of Geomorphic Indicators of Upland and Watercourse Areas | | |
|---|---|---|
| Sample Point # and/or Drainage ID# /f1<13 | Date: //J,:!)I | Representative photo taken? <input type="checkbox"/> Yes / <input checked="" type="checkbox"/> No |
| Upland Indicators | Watercourse Indicators | |
| Av Horlion | Bars:mud, sand & gravel | Ripples |
| Biotic Soil Crust | Beach ridges | Scour |
| Bioturbation | Bifurcated flow | Secondary channels |
| Caliche: coatings, layers, rubble | Biotic crusts | Secondary channel bypassing obstruction |
| Carbonate etching | Drainage Swales | Sediment sheets |
| Clast / rockweathering | Crusts; carbonate, salt, & soda | Sand filled channels |
| Coppice dunes: active & relict | Cut banks | Scour holes downstream of obstructions |
| Deflated surfaces | Desiccation Mud:cracks, curls / drapes | Sediment plastering |
| Desert pavement | Drift: organic | Sediment ramps |
| Over-turned rode | Exposed roots below intact soil layer | Sediment sorting |
| Relict bar & swale | Flow or streaming lineations | Sediment: tails |
| Relict channel | Headcuts | Springs |
| Rock fracture in place | Imbricated gravel | Staining of rocks |
| Rock varnish | Knick Points | Stepped-bed morphology in gravel |
| /No flow or ponding indicators | levee Ridges: sand & gravel | Substrate staining |
| Rubified rock undersides | Observed inundation: flooding, ponding, or substrate saturation | Vegetation - channel alignment |
| Soil development | Out of channel flow | Water-cut benches |
| /Surface rounding of landform | overturned rocks | Water level marks |
| Woody debris in place | Rills | Wrack: woody |
| Notes # Jt(t)/t.A;/4/d | | |
| <p>*Adapted from: A Field Guide to the Identification of the Ordinary High Water Mark (OHWM) in the Arid West Region of the Western United States, A Delineation Manual (Lichvar and McColley 2008); and Methods to Describe and Delineate Episodic Stream Process on Arid Landscapes for Permitting Utility-Scale Solar Power Plants (Brady and Vyverberg, 2013).</p> | | |

| Field Data Sheet: Identification of Geomorphic Indicators of Upland and Watercourse Areas | | |
|---|---|---|
| Sample Point # and/or Drainage ID # RR'U- | Date: 11/3/13 | Representative photo taken? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No LN |
| Upland Indicators | Watercourse Indicators | |
| Av Horizon | Bars: mud, sand & gravel | Ripples |
| Biotic Soil Crust | Beach ridges | Scour |
| Blotubaton | Bifurcated flow | Secondary channels |
| Caliche: coatings, layers, rubble | Biotic crusts | Secondary channel bypassing obstruction |
| Carbonate etching | Drainage swales | Sediment sheets |
| Clast / rock weathering | Crusts: carbonate, salt, & soda | Sand filled channels |
| Coppice dunes: active & relict | Cut banks | Scour holes downstream of obstructions |
| Deflated surfaces | Desiccation Mud: cracks, curls/ drapes | Sediment plastering |
| Desert pavement | Drift: organic | Sediment ramps |
| Over-turned rock | Exposed roots below intact soil layer | Sediment sorting |
| Relict bar & swale | Flow or streaming lineations | Sediment tails |
| Relict channel | Headcuts | Springs |
| Rock fracture in place | Imbricated gravel | Staining of rocks |
| Rock varnish | Knick Points | Stepped-bed morphology in gravel |
| Flow or ponding indicators | Levee Ridges: sand & gravel | Substrate staining |
| Rubified rock undersides | Observed inundation: flooding, ponding, or substrate saturation | Vegetation - channel alignment |
| Soil development | Out of channel flow | Water-cut benches |
| Surface rock and landform | Overtaken rocks | Water level marks |
| Woody debris in place | Rills | Wrack : woody |
| Notes: 112E(> _A/.P j | | |
| "Adapted from: A Field Guide to the Identification of the Ordinary High Water Mark (OHWM) in the Arid West Region of the Western United States, A Delineation Manual (Lichvar and McColley 2008); and Methods to Describe and Delineate episodic Stream Process on Arid Landscapes for Permitting Utility-Scale Solar Power Plants (Brady and Vyverberg, 2013). | | |

| Field Data Sheet: Identification of Geomorphic Indicators of Upland and Watercourse Areas | | |
|--|---|--|
| Sample Point ID# _____ and/or Drainage ID # <i>S</i> | Date: <i>11/13/11</i> | Representative photo taken? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <i>L.O</i> |
| <i>Upland Indicators</i> | <i>Watercourse Indicators</i> | |
| Av Horizon | Bars: mud, sand & gravel | Ripples |
| Biotic Soil Crust | Beach ridges | Scour |
| Stratification | Bifurcated flow | Secondary channels |
| caliche coatings, layers, rubble | Stratific crusts | Secondary channel bypassing obstruction |
| Carbonate etching | Drainage swales | Sediment sheets |
| Clan / rock weathering | Crusts: carbonate, salt, & soda | Sand filled channels |
| Coppice dunes- active & relict | Cutbanks | Scour holes downstream of obstructions |
| Deflated surfaces | Desiccation Mud: cracks, curls / drapes | Sediment plastering |
| Desert pavement | Drift + organic | Sediment ramps |
| Over-turned rock | Exposed roots below intact soil layer | Sediment sorting |
| Relict bar & swale | Flow or streaming lineations | Sediment: tails |
| Relict channel | Headcuts | Springs |
| Rock fracture in place | Imbricated gravel | Staining of rocks |
| Rock varnish | Knick Points | Stepped-bed morphology in gravel |
| Flow or ponding indicator | Levee Ridges: sand & gravel | Substrate staining |
| Rubified rock undersides | Observed inundation, flooding, ponding, or substrate saturation | Vegetation - channel alignment |
| Soil development | Out of channel flow | Water-cut benches |
| Shaping of landform | Overtaken rocks | Water level marks |
| Woody debris in place | Rills | Wrack: woody |
| <p>Note <i>f2 ; S"....W A/ c-9-/-.....:9;.)</i></p> | | |
| <p>• Adapted from : A Field Guide to the Identification of the Ordinary High Water Mark (OHWM) in the Arid West Region of the Western United States, A Delineation Manual (Lichvar and Mccoll 2008); and Methods to Describe and Delineate Episodic Stream Processes on Arid Landscapes for Permitting Utility-Scale Solar Power Plants (Brady and Vyverberg, 2013).</p> | | |

Field Data Sheet: Identification of Geomorphic Indicators of Upland and Watercourse Areas

| | | |
|---|--|--|
| Sample Point // ; and/or Drainage ID # <u>KR.90</u> | Date: <u>JJ Ir)lfo</u> | Representative photo taken? _ Yes/ -6 |
| Upland Indicators | Watercourse Indicators | |
| Av Horizon | Bars:mud, sand & gravel | Ripples |
| Biotic Soil Crust | Beach ridges | Scour |
| Blotubation | Bifurcated flow | Secondary channels |
| Caliche: coatings, layers, rubble | Bioticcrusts | Secondary channel bypassing obstruction |
| carbonate etching | Drainage swales | Sediment sheets |
| Clast / rock weathering | Crusts: carbonate, salt,& soda | Sand filled channels |
| COppice dunes : active & relict | Cutbanks | Scour holes downstream of ob5truct1ons |
| Defiated surfaces | Desiccation Mud : cracks, curls/ drapes | Sediment plastering |
| Desert pavement | Drift:organic | Sediment ramps |
| Over-turned rock | Exposed roots below intact soil layer | Sediment sorting |
| Relict bar & swale | lo w or streaming lineat1ons | Sediment: tails |
| Relict channel | Headcuts | Springs |
| Rock fracture in place | Imbricated gravel | Stainingof rocks |
| Rock varnish | Knick Points | Stepped -bed morphology in gravel |
| /o flowor pondingIndicators | Levee Ridges: sand & gravel | Substrate staining |
| Rublfled rock undersides | ObservedInundation: flooding,ponding,or substrate saturation | Vegetation - channel alignment |
| So,l development | Out of channel flow | Water-cut benches |
| urf ace rounding of landform | overturnd rocks | Water level marks |
| Woody debris In place | Rills | Wrack: woody |

Not es: /1J> .t,1.,.,J ,,, .t (1.0) _ ,, _ ,
 , , , , , !P fJ r::Yt/i, I, / 1/4 .no f-dc--4,,
 C, :.Yt/i, I, / 1/4 .no f-dc--4,,
 Ci v,t1--,ul.r,t:,. Ify ,,5" h

• Adapted from: A Field Gdlde to the Identifi cation of the Ordinary High Water Mark (OHWM) In the Arid West Region of the Western United States, A Delineation Manual (Lichvar and Mccolley 2008); and Methods to Describe and Delfneate Episodic Stream Process on Arid Landscapes for Permitting Utility-Scale Solar Power Plants (Brady and Vyverberg, 2013).

| Field Data Sheet: Identification of Geomorphic Indicators of Upland and Watercourse Areas | | |
|--|---|---|
| Sample Point # _____ and/or Drainage ID# <i>RT-91</i> | Date: <i>11/11/2014</i> | Representative photo taken? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| <i>Upland Indicators</i> | <i>Watercourse Indicators</i> | |
| Av Horiion | Bars: mud, sand & gravel | Ripples |
| Biotic Soil Crust | Beach ridges | Scour |
| Bioturbation | Bifurcated flow | Secondary channels |
| caliche: coatings, layers, rubble | Biotic crusts | Secondary channel bypassing obstruction |
| Carbonate etching | Drainage swales | Sediment sheets |
| Clast / rock weathering | Crusts: carbonate, salt, & soda | Sand filled channels |
| Coppice dunes: active & relict | Cu1banks | Scour holes downstream of obstructions |
| Deflated surfaces | Desiccation Mud. cracks, curls/ drapes | Sediment plastering |
| Desert pavement | Drift; organic | Sediment ramps |
| Oller-turned rock | Exposed roots below intact soil layer | Sediment sorting |
| Relict bar & swale | Flow or streaming line at fons | Sediment: tails |
| Relict channel | Headcuts | Springs |
| Rock fracture in place | Imbricated gravel | Staining of rocks |
| Rock varnish | Knick Points | Stepped -bed morphology in gravel |
| / No flow or ponding indicators | levee Ridges: sand & gravel | Substrate staining |
| Rubified rock undersides | Observed inundation: flooding, ponding, or substrate saturation | Vegetation - channel alignment |
| S011 development | Out of channel flow | Water-cut benches |
| Surface rounding of landform | Overtured rocks | Water level marks |
| Woody debris in place | Rills | Wrack: woody |
| Note s: <i>vp Jtfe-q'o {)vot)</i> | | |
| • Adapted from: A Field Guide to the identification of the Ordinary High Water Mark (OHWM) in the Arid West Region of the Western United States, A Delineation Manual (Lichvar and Mccolley 2008); and Methods to Describe and Delineate Episodic Stream Process on Arid Landscapes for Permitting Utility-Scale Solar Power Plants (Brady and Vynberg, 2013). | | |


| Field Data Sheet: Identification of Geomorphic Indicators of Upland and Watercourse Areas | | |
|--|---|---|
| Sample Point# _____ and/or Drainage ID # <u>RR</u> | Date: <u>11/1/11</u> | Representative photo taken? <input checked="" type="checkbox"/> Yes / <input type="checkbox"/> No |
| Upland Indicators | Watercourse Indicators | |
| Av Horizon | Bars: mud, sand & gravel | Ripples |
| Biotic Soil Crust | Beach ridges | Scour |
| Bioturbation | Bifurcated flow | Secondary channels |
| Caliche: coatings, layers, rubble | Biotic crusts | Secondary channel bypassing obstruction |
| Carbonate etching | Drainage swales | Sediment sheets |
| Clast / rock weathering | Crusts: carbonate, salt, & soda | Sand filled channels |
| Coppice dunes: active & relict | Cut banks | Scour holes downstream of obstructions |
| Deflated surfaces | Desiccation Mud: cracks, curls / drapes | Sediment plastering |
| Desert pavement | Drift: organic | Sediment ramps |
| Over-turned rock | Exposed roots below intact soil layer | Sediment sorting |
| Relict bar & swale | Flow or streaming lineations | Sediment: tails |
| Relict channel | Headcuts | Springs |
| Rock fracture in place | Imbricated gravel | Staining of rocks |
| Rock varnish | Knicks / Points | Stepped-bed morphology, in gravel |
| Flow or ponding indicators | Levee Ridges: sand & gravel | Substrate staining |
| Rubified rock undersides | Observed inundation: flooding, ponding, or substrate saturation | Vegetation - channel alignment |
| Channel development | Orientation of channel flow | Water-cut benches |
| Surface rounding of landform | Overturned rocks | Water level marks |
| Woody debris in place | Roots | Wrack: woody |
| Notes: <div style="border: 1px solid black; height: 100px; width: 100%;"></div> | | |
| * Adapted from: A Field Guide to the Identification of the Ordinary High Water Mark (OHWM) in the Arid West Region of the Western United States, A Delineation Manual (Lichvar and McColley 2008); and Methods to Describe and Delineate Episodic Stream Process on Arid Landscapes for Permitting Utility-Scale Solar Power Plants (Brady and Vyverberg, 2013). | | |

| Field Data Sheet : Identification of Geomorphic Indicators of Upland and Watercourse Areas | | |
|--|---|--|
| Sample Point# and/or Drainage ID # RR.CJ:> | Date : 1/13/14 | Representative photo taken? <input checked="" type="checkbox"/> Yes/ <input type="checkbox"/> No |
| Upland Indicators | Watercourse Indicators | |
| Av Horizon | Bars: mud, sand & gravel | Ripples |
| Biotric Soil Crust | Beach ridges | Scour |
| Bioturbation | Bifurcated flow | Secondary channels |
| Caliche: coatings, layers, rubble | Biotic crusts | Secondary channel bypassing obstruction |
| Carbonate etching | Drainage swales | Sediment sheets |
| Clast / rock weathering | Crusts: carbonate, salt, & soda | Sand filled channels |
| Coppice dunes: active & relict | cut banks | Scour holes downstream of obstructions |
| Deflated surfaces | Desiccation Mud : cracks, curls/ drapes | Sediment plastering |
| Desert pavement | Drift: organic | Sediment ramps |
| Over-turned rock | Exposed roots below intact soil layer | Sediment sorting |
| Relict bar & swale | Flow or streaming lineations | Sediment: tails |
| Relict channel | Headcuts | Springs |
| Rock fracture in place | Imbricated gravel | Staining of rocks |
| Rock varnish | Knick Points | Stepped-bed morphology in gravel |
| Flow or ponding indicators | Levee Ridges: sand & gravel | Substrate staining |
| Rubified rock undersides | Observed inundation: flooding, ponding, or substrate saturation | Vegetation - channel alignment |
| Soil development | Out of channel flow | Water-cut benches |
| Surface rounding of landform | overturned rocks | Water level marks |
| Woody debris in place | Rills | Wrack: woody |
| <p>Adapted from: A Field Guide to the Identification of the Ordinary High Water Mark (OHWM) in the Arid West Region of the Western United States, A Delineation Manual (Lichvar and McColley 2008); and Methods to Describe and Delineate Episodic Stream Process on Arid Landscapes for Permitting Utility-Scale Solar Power Plants (Brady and Vyverberg, 2013).</p> | | |

| Field Data Sheet : Identification of Geomorphic Indicators of Upland and Watershed Areas | | |
|--|--|--|
| Sample Point# _____ : and/or _____ Drainage ID # <u>Kf?CJi</u> | Date: <u>1JJ13/1v</u> | Representative photo taken?_ Yes / <input type="checkbox"/> No |
| <i>Upland Indicators</i> | <i>Watershed Indicators</i> | |
| Av Hamon | Bars: mud, sand & gravel | Ripples |
| Biotic Soil Crust | Beach ridges | Scour |
| Bioturbation | Bifurcated flow | Secondary channels |
| Caliche: coatings, layers, rubble | Biotocrusts | Secondary channel bypassing obstruction |
| Carbonate etching | Drainage swales | Sediment sheets |
| Clast / rock weathering | Crusts: carbonate, salt, & soda | Sand filled channels |
| Coppice dunes: active & relict | Cut banks | Scour holes downstream or obstructions |
| Deflated surfaces | Desiccation Mud: cracks, curls/ drapes | Sediment plastering |
| Desert pavement | Drift: organic | Sediment ramps |
| Over-turned rock | Exposed roots below intact soil layer | Sediment sorting |
| Relict bar & swale | Flow or streaming lineations | Sediment: tails |
| Relict channel | Headcuts | Springs |
| Rock fracture in place | Imbricated gravel | Staining of rocks |
| Rock varnish | Knick Points | Stepped-bed morphology in gravel |
| No flow or ponding indicators | Levee Ridges: sand & gravel | Substrate staining |
| Rubbed rock undersides | Observed inundation : flooding, ponding, or substrate saturation | Vegetation - channel alignment |
| Soil development | Out of channel flow | Water-cut benches |
| Surface rounding of landform | Overtaken rocks | Water level marks |
| Woody debris in place | Rills | Wrack : woody |
| <div> <div>Notes:</div> <div>></div> <div> 'fek fo (>.._/JI /v) </div> </div> | | |
| • Adapted from: A Field Guide to the Identification of the Ordinary High Water Mark (OHWM) in the Arid West Region of the Western United States, A Delineation Manual (Lichvar and McColley 2008); and Methods to Describe and Delineate Episodic Stream Process on Arid Landscapes for Permitting Utility-Scale Solar Power Plants (Brady and Vyverberg, 2013). | | |

| Field Data Sheet: Identification of Geomorphic Indicators of Upland and Watercourse Area | | |
|--|---|--|
| Sample Point # and/or Drainage ID# | Date: | Representative photo taken? <input type="checkbox"/> Yes / <input type="checkbox"/> No |
| Upland Indicators | Watercourse Indicators | |
| Av Horizon | Bars: mud, sand & gravel | Ripples |
| Biotic Soil Crust | Beach ridges | Scour |
| Blotubation | Bifurcated flow | Secondary channels |
| caliche: coatings, layers, rubble | Biotfc crusts | Secondary channel bypassing obstruction |
| carbonate etching | Drainage swales | Sediment sheets |
| Cfast / rock weathering | Crusts: carbonate, salt, & soda | Sand filled channels |
| Coppice dunes: active & relict | Cut banks | Scour holes downstream of obstructions |
| Deflated surfaces | Desiccation Mud: cracks, curls/ drapes | Sediment plastering |
| Desert pavement | Drift: organic | Sediment ramps |
| Over-turned rock | Exposed roots below intact soil layer | Sediment sorting |
| Relict bar & swale | Flow or streaming lineations | Sediment: tails |
| Relict channel | Headcuts | Springs |
| Rock fracture in place | Imbricated gravel | Staining of rocks |
| Rock varnish | Knick Points | Stepped-bed morphology in gravel |
| o flow or ponding Indicators | Levee Ridges: sand & gravel | Substrate staining |
| Rubified rock undersides | Observed Inundation: flooding, ponding, or substrate saturation | Vegetation - channel alignment |
| Soil development | Out of channel flow | Water-cut benches |
| Surface rounding of landform | Overturnd rocks | Water level marks |
| Woody debris in place | Relics | Wrack: woody |
| Notes: | | |
| Adapted from: A Field Guide to the Identification of the Ordinary High Water Mark (OHWM) in the Arid West Region of the Western United States, A Delineation Manual (Lichvar and McColley 2008); and Methods to Describe and Delineate Episodic Stream Process on Arid Landscapes for Permitting Utility-Scale Solar Power Plants (Brady and Vyverberg, 2013). | | |

| Field Data Sheet: Identification of Geomorphic Indicators of Upland and Watercourse Areas | | |
|---|--|---|
| Sample Point# and/or Drainage ID # P1?9 | Date: 11/r /1 | Representative photo taken?_ Yes/ L_ No |
| Upland Indicators | Watercourse Indicators | |
| Av Horizon | Bars: mud, sand & gravel | Ripples |
| B1ot1c Soll Crust | Beach ridges | Scour |
| Blotubation | Bifurcated flow | Secondary channels |
| Caliche: coatings, layers. rubble | Biotic crusts | Secondary channel bypassing obstruction |
| Carbonate etchi ng | Drainage swales | Sediment sheets |
| Clast / rock weathering | Crusts: carbonate, salt,& soda | Sand filled channels |
| Coppice dunes: active & relict | Cut banks | Scour holes downstream of obstructions |
| Deflated surfaces | Desiccation Mud. cracks, curls/ drape:. | Sediment plastering |
| De:ert pavement | Drift:organic | Sediment ramps |
| Over-turned rock | Exposed roots below intact soil layer | Sediment sorting |
| Relict bar & swale | Flow or streaming lineations | Sediment: tails |
| Relict channel | Headcuts | Springs |
| Rock fracture In place | Imbricated gravel | Staining of rocks |
| Rock varnish | Knick Points | Stepped-bed morphology In gravel |
| / No flow or ponding indicators | Levee Ridges: sand & gravel | Substrate staining |
| Rubified rock undersides | Observed inundation : flooding, ponding, or substrate saturation | Vegetation - channel ahgnment |
| Soil development | Out of channel now | Water-cut benches |
| ./5urface rounding of landform | Overtured rocks | Water level marks |
| Woody debris In place | Rills | Wrack: woody |
| Notes: S; 12/c - Cj'o(>ob A | | |
| *Adapted from: A Field Guide to the Identification of the Ordinary High Water Mark (OHWM) in the Arid West Region of the Western United States, A Delineation Manual (Lichvar and Mccolley 2008); and Methods to Describe and Delineate Episodic Stream Process on Arid Landscapes for Permitting Utility•Scale Solar Power Plants (Brady and Vyverberg, 2013). | | |

| Field Data Sheet: Identification of Geomorphic Indicators of Upland and Watercourse Areas | | |
|---|---|--|
| Sample Point # and/or Drainage ID # | Date: | Representative photo taken?_ Yes / <u>£.</u> |
| <i>Upland Indicators</i> | <i>Watercourse Indicators</i> | |
| Av Horizon | Bars: mud, sand & gravel | Ripples |
| Biotic Soil Crust | Beach ridges | Scour |
| Blotubation | Bifurcated now | Secondary channels |
| Caliche: coatings, layers, rubble | Biotocrusts | Secondary channel bypassing obstruction |
| Carbonate etching | Drainage swales | Sediment sheets |
| Clast / rock weathering | Crusts: carbonate, salt, & soda | sand filled channels |
| Coppice dunes: active & relict | Cutbanks | Scour holes downstream of obstructions |
| Deflated surfaces | Desiccation Mud: cracks, curls / drapes | Sediment plastering |
| Desert pavement | Drift: organic | Sediment ramps |
| Over-turned rock | Exposed roots below intact soil layer | Sediment sorting |
| Relict bar & swale | Flow or streaming lineations | Sediment: tails |
| Relict channel | Headcuts | Springs |
| Rock fracture in place | Imbricated gravel | Staining of rocks |
| Rock varnish | Knick Points | Stepped-bed morphology in gravel |
| No flow or ponding indicators | Levee Ridges: sand & gravel | Substrate staining |
| Rubified rock undersides | Observed inundation: flooding, ponding, or substrate saturation | Vegetation - channel alignment |
| Soil development | Out of channel flow | Water-cut benches |
| Surface rounding of landform | Overtaken rocks | Water level marks |
| Woody debris in place | Rills | Wrack: woody |
| Note s: <i>--- 1/2 ck 1 o(AP)</i> | | |
|  Guide to the Identification of the Ordinary High Water Mark (OHWM) in the Arid West Region of the Western United States, A Delineation Manual (Lichvar and McColley 2008); and Methods to Describe and Delineate Episodic Stream Process on Arid Landscapes for Permitting Utility-Scale Solar Power Plants (Brady and Vyverberg, 2013). | | |

| Field Data Sheet: Identification of Geomorphic Indicators of Upland and Watercourse Areas | | |
|---|---|---|
| Sample Point # <i>Rf.9.</i> and/or Drainage ID # | Date: <i>11/11/11</i> | Representative photo taken? Yes/ <i>L.O</i> |
| <i>Upland Indicators</i> | <i>Watercourse Indicators</i> | |
| Av Horizon | Bars: mud, sand & gravel | Ripples |
| Biotic Soil Crust | Beach ridges | Scour |
| Blotubation | Bifurcated flow | Secondary channels |
| Caliche: coatings, layers, rubble | Biotic crusts | Secondary channel bypassing obstruction |
| Carbonate etching | Drainage swales | Sediment sheets |
| Coast / rock weathering | Crusts: carbonate, salt, & soda | Sand filled channels |
| Coppice dunes: active & relict | Cut banks | Scour holes downstream of obstructions |
| Deflated surfaces | Desiccation Mud: cracks, curls / drapes | Sediment plastering |
| Desert pavement | Drift: organic | Sediment ramps |
| Over-turned rock | Exposed roots below intact soil layer | Sediment sorting |
| Relict bar & swale | Flow or streaming lineations | Sediment tails |
| Relict channel | Headcuts | Springs |
| Rock fracture in place | Imbricated gravel | Staining of rocks |
| Rock varnish | Knick Points | Stepped-bed morphology in gravel |
| Flow or ponding indicators | Levee Ridges: sand & gravel | Substrate staining |
| Rubified rock undersides | Observed inundation: flooding, ponding, or substrate saturation | Vegetation - channel alignment |
| Soil development | Out of channel flow | Water-cut benches |
| Surface rounding of landform | Overtaken rocks | Water level marks |
| Woody debris in place | Roots | Wrack: woody |
| Notes: <i>See next page for details</i> | | |
| *Adapted from: A Field Guide to the Identification of the Ordinary High Water Mark (OHWM) in the Arid West Region of the Western United States, A Delineation Manual (Lichvar and McColley 2008); and Methods to Describe and Delineate Episodic Stream Process on Arid Landscapes for Permitting Utility-Scale Solar Power Plants (Brady and Vyverberg, 2013). | | |

| Field Data Sheet: Identification of Geomorphic Indicators of Upland and Watercourse Areas | | |
|--|---|---|
| Sample Point# and/or Drainage ID# KKC-JJ | Date: 11/13/C, | Representative photo taken? <input checked="" type="checkbox"/> Yes 00 |
| Upland Indicators | Watercourse Indicators | |
| Av Horizon | Bars: mud, sand & gravel | Ripples |
| Biotic Soil Crust | Beach ridges | Scour |
| Bioturbation | Bifurcated flow | Secondary channels |
| Caliche: coatings, layers, rubble | Biotocrusts | Secondary channel bypassing obstruction |
| Carbonate etching | Drainage swales | Sediment sheets |
| Clast / rock weathering | Crusts: carbonate, salt, & soda | Sand filled channels |
| Coppice dunes: active & relict | Cutbanks | Scour holes downstream of obstructions |
| Deflated surfaces | Desiccation Mud: cracks, curls/ drapes | Sediment plastering |
| Desert pavement | Drift: organic | Sediment ramps |
| Over-turned rock | Exposed roots below intact soil layer | Sediment sorting |
| Relict bar & swale | Flow or streaming lineations | Sediment: tails |
| Relict channel | Headcuts | Springs |
| Rock fracture in place | Imbricated gravel | Staining of rocks |
| Rock varnish | Knick Points | Stepped-bed morphology in gravel |
| Low flow or ponding indicators | Levee Ridges: sand & gravel | Substrate staining |
| Rubified rock undersides | Observed inundation: flooding, ponding, or substrate saturation | Vegetation - channel alignment |
| Soil development | Out of channel flow | Water-cut benches |
| Surface rounding of landform | Overtaken rocks | Water level marks |
| Woody debris in place | Rills | Wrack: woody |
| Notes: 5C-J 12.R C/o /4- AI | | |
| • Adapted from: A Field Guide to the Identification of the Ordinary High Water Mark (OHWM) in the Arid West Region of the Western United States, A Delineation Manual (Lichvar and McColley 2008); and Methods to Describe and Delineate Episodic Stream Process on Arid Landscapes for Permitting Utility-Scale Solar Power Plants (Brady and Vyverberg, 2013). | | |

| Field Data Sheet: Identification of Geomorphic Indicators of Upland and Watercourse Areas | | |
|--|---|---|
| Sample Point # and/or Drainage ID# <i>Rfz/OI</i> | Date: <i>ti 13/JfA</i> | Representative photo taken?_ Yes/. <i>L.o</i> |
| Upland Indicators | Watercourse Indicators | |
| Av Horizon | Bars: mud, sand & gravel | Ripples |
| Biotic Soil Crust | Beach ridges | Scour |
| Bioturbation | Bifurcated flow | Secondary channels |
| Caliche: coatings, layers, rubble | Biotic crusts | Secondary channel bypassing obstruction |
| carbonate etching | Drainage swales | Sediment sheets |
| Clast / rock weathering | Crusts: carbonate, salt, & soda | Sand filled channels |
| Coppice dunes: active & relict | Cutbanks | Scour holes downstream of obstructions |
| Deflated surfaces | Desiccation Mud : cracks, curls/ drapes | Sediment plastering |
| Desert pavement | Drift organic | Sediment ramps |
| Over-turned rock | Exposed roots below intact soil layer | Sediment saning |
| Relict bar & swale | Flow or streaming lineations | Sediment : tails |
| Relict channel | Headcuts | Springs |
| Rock fracture in place | Imbricated gravel | Staining of rocks |
| Rock varnish | Knick Points | Stepped-bed morphology in gravel |
| No flow or ponding indicators | Levee Ridges: sand & gravel | Substrate staining |
| Rubified rock undersides -- | Observed inundation: flooding, ponding, or substrate saturation | Vegetation - channel alignment |
| <i>V</i> Soil development | Out of channel flow | Water-cut benches |
| <i>i</i> /urface rounding of landform | Overtumed rocks | Water level marks |
| Woody debris in place | Rills | Wrack: woody |
| Notes: <i>_____ (').-;,,, /ck_ io (5. 4., AJiJI-)</i> | | |
| • Adapted from: A Field Guide to the Identification of the Ordinary High Water Mark (OHWM) in the Arid West Region of the Western United States, A Delineation Manual (Uch11ar and McColley 2008); and Methods to Describe and Delineate Episodic Stream Process on Arid Landscapes for Permitting Utility-Scale Solar Power Plants (Brady and Vyverberg, 2013). | | |

| Field Data Sheet : Identification of Geomorphic Indicators of Upland and Watercourse Areas | | |
|---|---|--|
| Sample Point# and/ or DrainageID# <i>KPID</i> | Date: <i>ulr /1</i> | Representativephototaken?_ Yes/ <u>o</u> |
| <i>Upland Indicators</i> | <i>Watercourse Indicators</i> | |
| Av Horizon | Bars: mud, sand & gravel | Ripples |
| Biotic Soil Crust | Beach ridges | Scour |
| Blotubation | Bifurcated flow | Secondary channels |
| Caliche: coatings, layers,rubble | Blotic crusts | Secondary channel bypassing obstruction |
| Carbonate etching | Drainage swales | Sediment sheets |
| Clast / rock weathering | Crusts: carbonate, salt,& soda | Sand filled channels |
| Coppice dunes: active & relict | Cut banks | Scour holes downstream of obstructions |
| Deflated surfaces | Desiccation Mud: cracks, curls/ drapes | Sediment plastering |
| Desert pavement | Drift:organic | Sediment ramps |
| Over-turned rock | E posed rootsbelow intact soil layer | Sediment sorting |
| Relict bar & swale | Flow or streaming llineations | Sediment: tails |
| Relict channel | Headcuts | Springs |
| Rock fracture in place | Imbricated gravel | Staining of rocks |
| Rock varnish | Knick Points | Steppe -d bed morphology in gravel |
| <u>/No</u> flow or pondingIndicators | levee Ridges: sand & gravel | Substrate staining |
| Rubified rockundersides | Observedinundation: flooding, ponding, or subst rate saturation | Veget ation - channel alignment |
| Soil development | Out of channel flow | Water-cut benches |
| ./urface rounding of landform | Overturnd rocks | Water level marks |
| Woody debris in place | Rills | Wrack: woody |
| Notes: <i>,R_f:_tivil Atd)</i> | | |
| • Adapted from: A Field Guide to the Identification of the Ordinary High Water Mark (OHWM) in the Arid West Region of the Western United States, A Delineation Manual (Ilichvar and Mccolley 2008); and Methods to Describe and Delineate Episodic Stream Process on Arid Landscapes for Permitting Utility-Scale Solar Power Plants (Brady and Vyverberg, 2013). | | |

| Field Data Sheet: Identification of Geomorphic Indicators of Upland and Watercourse Areas. | | |
|---|--|---|
| Sample Point # and/or Drainage ID# | Date: | Representative photo taken? <input type="checkbox"/> Yes/ <input type="checkbox"/> No |
| <i>Upland Indicators</i> | <i>Watercourse Indicators</i> | |
| Av Horizon | Bars: mud, sand & gravel | Ripples |
| Biotic Soil Crust | Beach ridges | Scour |
| Bioturbation | Bifurcated flow | Secondary channels |
| Caliche: coatings, layers, rubble | Biotic crusts | Secondary channel bypassing obstruction |
| carbonate etching | Drainage swales | Sediment sheets |
| Clast / rock weathering | Crusts: carbonate, salt, & soda | Sand filled channels |
| Coppice dunes: active & relict | Cutbanks | Scour holes downstream of obstructions |
| Deflated surfaces | Desiccation Mud: cracks, curls/ drapes | Sediment plastering |
| Desert pavement | Drift: organic | Sediment ramps |
| Over-turned rock | Exposed roots below intact soil layer | Sediment sorting |
| Relict bar & swale | Flow or streaming lineations | Sediment: tails |
| Relict channel | Headcuts | Springs |
| Rock fracture in place | Imbricated gravel | Staining of rocks |
| Rock varnish | Knick Points | Stepped -bed morphology in gravel |
| Flow ponding indicators | Levee Ridges: sand & gravel | Substrate staining |
| Rubified rock undersides | Observed Inundation: nooding, ponding, or substrate saturation | Vegetation - channel alignment |
| Soil development | Out of channel flow | Water-cut benches |
| Surface rounding of landform | Overtured rocks | Water level marks |
| Woody debris in place | Rills | Wrack: woody |
| <p>Notes:</p> | | |
| <p>"Adapted from: A Field Guide to the Identification of the Ordinary High Water Mark (OHWM) in the Arid West Region of the Western United States, A Delineation Manual (Lichvar and McColley 2008); and Methods to Describe and Delineate Episodic Stream Process on Aridlandscapes for Permitting Utility-Scale Solar Power Plants (Brady and Vyverberg, 2013).</p> | | |

| Field Data Sheet: Identification of Geomorphic Indicators of Upland and Watercourse Areas | | |
|--|---|--|
| Sample Point # and/or Drainage ID# <i>RR.B0</i> | Date: <i>11/3/2017</i> | Representative photo taken? <input type="checkbox"/> Yes / <input checked="" type="checkbox"/> 6- |
| Upland Indicators | Watercourse Indicators | |
| Av Horizon | Bars: mud, sand & gravel | Ripples |
| Biotic Soil Crust | Beach ridges | Scour |
| Blotubation | Bifurcated now | Secondary channels |
| Caliche: coatings, layers, rubble | Biotic crusts | Secondary channel bypassing obstruction |
| Carbonate etching | Drainage swales | Sediment sheets |
| Clast / rock weathering | Crusts: carbonate, salt, & soda | Sand filled channels |
| Coppice dunes: active & relict | Cut banks | Scour holes downstream of obstructions |
| Deflated surfaces | Desiccation Mud: cracks, curls / drapes | Sediment plastering |
| Desert pavement | Drift: organic | Sediment ramps |
| Over-turned rock | Exposed roots below intact soil layer | Sediment sorting |
| Relict bar & swale | Flow or streaming lineations | Sediment: tails |
| Relict channel | Headcuts | Springs |
| Rock fracture in place | Imbricated gravel | Staining of rocks |
| Rock varnish | Knick Points | Stepped-bed morphology in gravel |
| No flow or ponding indicators | Levee Ridges: sand & gravel | Substrate stamming |
| Rubified rock undersides | Observed in undation: Aooding, ponding, or substrate saturation | Vegetation - channel alignment |
| Side development | Out of channel now | Water-cut benches |
| Surface rounding of landform | Overturnd rocks | Water level marks |
| Woody debris in place | Rills | Wrack: woody |
| Notes: | | |
| • Adapted from: A Field Guide to the Identification of the Ordinary High Water Mark (OHWM) in the Arid West Region of the Western United States, A Delineation Manual (Lichvar and McColley 2008); and Methods to Describe and Delineate Episodic Stream Process on Arid Landscapes for Permitting Utility-Scale Solar Power Plants (Brady and Vyverberg, 2013). | | |

| Field Data Sheet : Identification of Geomorphic Indicators of Upland and Watercourse Areas | | |
|---|---|--|
| Sample Point # _____ a nd/ or _____ Drainage ID # <u>RR</u> | Date: <u>11 /cs} 1f,,,</u> | Representative photo taken? _ Yes / _ No |
| Upland Indicators | Watercourse Indicators | |
| Av Horizon | Bars: mud, sand & gravel | Ripples |
| Biotic Soil Crust | Beach ridges | Scour |
| Blotubation | Bifurcated flow | Secondary channels |
| Caliche: coatings, layers, rubble | Biotic crusts | Secondary channel bypassing obstruction |
| Carbonate etching | Drainage swales | Sediment sheets |
| Clast / rock weathering | Crusts: carbonate, salt, & soda | Sand filled channels |
| Coppice dunes: active & relict | Cut banks | Scour holes downstream of obstructions |
| Deflated surfaces | Desiccation Mud: cracks, curls/ drapes | Sediment plastering |
| Desert pavement | Drift: organic | Sediment ramps |
| Over-turned rock | Exposed roots below intact soil layer | Sediment sorting |
| Relict bar & swale | low or streaming lineations | Sediment: tails |
| Relict channel | Headcuts | Springs |
| Rock fracture in place | Imbricated gravel | Staining of rocks |
| Rock varnish | Knick Points | Stepped-bed morphology in gravel |
| flow or ponding indicators | Levee Ridges: sand & gravel | Substrate staining |
| Rubified rock undersides | Observed Inundation: flooding, ponding, or substrate saturation | Vegetation - channel alignment |
| Soil development | Out of channel flow | Water-cut benches |
| Surface roiling form | Overtured rocks | Water level marks |
| Woody debris in place | RLiis | Wrack: woody |
| <p> Not, C, t,,)-/cJ ? , / , 6 .)ot 4 . I : 3/4 > t . V t , , v C t . - 5 F W f • ? 4 L J , - / , / 4 , , t : } 0 / , , f / C . ; , , 1 / o w , , . _ . / , I M - + o C I , , / . 2.02 </p> | | |
| <p> - Adapted from: A Field Guide to the Identification of the Ordinary High Water Mark (OHWM) in the Arid West Region of the Western United States, A Delineation Manual (Flichvar and McColley 2008); and Methods to Describe and Delineate Episodic Stream Process on Arid Landscapes for Permitting Utility-Scale Solar Power Plants (Brady and Vyverberg, 2013). </p> | | |

| Field Data Sheet : Identification of Geomorphic Indicators of Upland and Watercourse Areas | | |
|--|---|---|
| Sample Point # and/ or Drainage ID # 1111(1):f | Date : 111, 1, | Representative photo taken? __ Yes/ o |
| Upland Indicators | Watercourse Indicators | |
| Av Horizon | Bars: mud, sand & gravel | Ripples |
| Biotic Soil Crust | Beach ridges | Scour |
| Blotubation | Bifurcated now | Secondary channels |
| Caliche: coatings, layers, rubble | Biotic crusts | Secondary channel bypassing obstruction |
| Carbonate etching | Drainage swales | Sediment sheets |
| Coast / rock weathering | Crusts: carbonate, salt, & soda | Sand filled channels |
| Coppice dunes: active & relict | Cutbanks | Scour holes downstream of obstructions |
| Deflated surfaces | Desiccation Mud: cracks, curls/ drapes | Sediment plastering |
| Desert pavement | Drift: organic | Sediment ramps |
| Over-turned rock | Exposed roots below intact soil layer | Sediment sorting |
| Relict bar & swale | Flow or streaming lineations | Sediment: tails |
| Relict channel | Headcuts | Springs |
| Rock fracture in place | Imbricated gravel | Staining of rocks |
| Rock varnish | Knick Points | Stepped bed morphology in gravel |
| Flow or ponding indicators | Levee Ridges: sand & gravel | Substrate staining |
| Rubified rock undersides | Observed Inundation: flooding, ponding, or substrate saturation | Vegetation - channel alignment |
| Soil development | Out of channel now | Water-cut benches |
| Surface rounding of landform | Overtaken rocks | Water level marks |
| Woody debris in place | Reefs | Wrack: woody |
| Notes: <div>) ! } b (/ { I P) </div> | | |
| • Adapted from: A Field Guide to the Identification of the Ordinary High Water Mark (OHWM) in the Arid West Region of the Western United States, A Delineation Manual (Ilchvar and McColley 2008); and Methods to Describe and Delineate Episodic Stream Process on Arid Landscapes for Permitting Utility-Scale Solar Power Plants (Brady and Vyverberg 2013) | | |

| Field Data Sheet: Identification of Geomorphic Indicators of Upland and Watercourse Areas | | |
|---|--|---|
| Sample Point# _____ and/or Drainage ID # <i>RR&L</i> | Date : <i>nl / l</i> | Representative photo taken?_ Yes/... <i>L-0</i> |
| Upland Indicators | Watercourse Indicators | |
| Av Horizon | Bars: mud, sand & gravel | Ripples |
| Biotic Soil Crust | Beach ridges | Scour |
| Blotubation | Bifurca ted flow | Secondary channels |
| Callche: coatings, layers, rubble | Biotic crusts | Secondary channel bypassing o bstr uction |
| Carbonate etching | Drainage swales | Sediment sheets |
| Clast / rock weathering | Crusts: carbonate, salt, & soda | Sand filled channels |
| Coppice dunes: active & relict | Cut banks | Scour holes downstream of obstructions |
| Deflated surfaces | Des icca tio n Mud: crack5, curls/ drapes | Sediment plastering |
| Desert pavement | Drift: organic | Sediment ramps |
| Over-turned rock | Exposed roots below intact sol!layer | Sediment sorting |
| Relict bar & swale | Flow or streaming lineatlons | Sediment: tails |
| Relict channel | Headcuts | Springs |
| Rock fracture in place | Imbricated gravel | Staining of rocks |
| Rock varnish | Knie Points | Stepped-bed morphology In gravel |
| No flow or ponding Ind ica tor s | Levee Ridge s: sand & gravel | Substrate staining |
| Rubified rock undersides | Observed inundation: flooding, ponding, or substrate saturation | Vegetation - channel alignment |
| Soil development | Out of channel flow | Water-cut benches |
| /rface rounding of landform | Overturned rocks | Water level marks |
| Woody debris In place | Rills | Wrack: woody |
| Notes : <i>> 1?./2 J6 {>--V)</i> | | |
| • Adapted from: AFieId Guide to the Ide nti fication of the Ordinary High Water Mark (OHWM) in the Arid West Region of the Western Unit ed States, A Delineation Manual (lichvar and Mccolley 2008); and Methods to Describe and Delineate EpisodicStream Process on Arid landscapes for Permitting Utility-Scale Solar Power Plants (Brady and Vyverberg, 2013). | | |

| Field Data Sheet: Identification of Geomorphic Indicators of Upland and Watercourse Areas | | |
|---|---|---|
| Sample Point# af d DrainageID # RR | Date: ;J/13/J | Representative photo taken? Yes/ |
| Upland Indicators | Watercourse Indicators | |
| Av Horizon | Bars: mud, sand & gravel | Ripples |
| Biotic Soil Crust | Beach ridges | Scour |
| Bioturbation | Bifurcated flow | Secondary channels |
| Caliche: coatings, layers, rubble | Biotic crusts | Secondary channel bypassing obstruction |
| Carbonate etching | Drainage swales | Sediment sheets |
| fast / rock weathering | Crusts: carbonate, salt & soda | Sand filled channels |
| Coppice dunes: active & relict | Cul banks | Scour holes downstream of obstructions |
| Deflated surfaces | Desiccation Mud: cracks, curls/ drapes | Sediment plastering |
| Desert pavement | Drift: organic | Sediment ramps |
| Over-turned rock | Exposed roots below intact soil layer | Sediment sorting |
| Relict bar & swale | Flow or streaming lineations | Sediment: tails |
| Relict channel | Headcuts | Springs |
| Rock fracture in place | Imbricated gravel | Staining of rocks |
| Rock varnish | Knick Points | Stepped-bed morphology in gravel |
| /No flow or ponding Indicators | levee Ridges: sand & gravel | Substrate staining |
| Rubified rock undersides | Observed inundation: flooding, ponding. or substrate saturation | Vegetation - channel alignment |
| soil development | Out of channel flow | Water-cut benches |
| surface rounding of landform | Overtured rocks | Water level marks |
| Woody debris in place | Rills | Wrack: woody |
| Notes: | | |
| • Adapted from: A Field Guide to the Identification of the Ordinary High Water Mark (OHWM) in the Arid West Region of the Western United States, A Delineation Manual (Ilichvar and McColley 2008); and Methods to Describe and Delineate Episodic Stream Process on Arid Landscapes for Permitting Utility-Scale Solar Power Plants (Brady and Vyverberg, 2013). | | |

| Field Data Sheet : Identification of Geomorphic Indicators of Upland and Watercourse Areas | | |
|--|---|---|
| Sample Point # and/or Drainage ID | Date: | Representative photo taken? Yes/ |
| Upland Indicators | Watercourse Indicators | |
| Av Horizon | Bars: mud, sand & gravel | Ripples |
| Biotic Soil Crust | Beach ridges | Scour |
| Bioturbation | Bifurcated flow | Secondary channels |
| Caliche: coatings, layers, rubble | Biotic crusts | Secondary channel bypassing obstruction |
| Carbonate etching | Drainage swales | Sediment sheets |
| Clast / rock weathering | Crusts: carbonate, salt, & soda | Sand filled channels |
| Coppice dunes: active & relict | Cut banks | Scour holes downstream of obstructions |
| Deflated surfaces | Desiccation Mud: cracks, curls/ drapes | Sediment plastering |
| Desert pavement | Drift: organic | Sediment ramps |
| Over-turned rock | Exposed roots below intact soil layer | Sediment sorting |
| Relict bar & swale | Flow or streaming lineations | Sediment: tails |
| Relict channel | Headcuts | Springs |
| Rock fracture in place | Imbricated gravel | Staining of rocks |
| Rock varnish | Knick Points | Stepped-bed morphology in gravel |
| No flow or ponding indicators | Levee Ridges: sand & gravel | Substrate staining |
| Rubified rock undersides | Observed inundation: flooding, ponding, or substrate saturation | Vegetation- channel alignment |
| Soil development | Out of channel flow | Water-cut benches |
| Surface rounding of landform | Overtured rocks | Water level marks |
| Woody debris in place | Willows | Wrack: woody |
| Notes: <div>5 Rf2_0t (>>0)</div> | | |
| <small>*Adapted from: A Field Guide to the Identification of the Ordinary High Water Mark (OHWM) in the Arid West Region of the Western United States, A Delineation Manual (Lichvar and McColley 2008); and Methods to Describe and Delineate Episodic Stream Process on Arid Landscapes for Permitting Utility-Scale Solar Power Plants (Brady and Vyverberg, 2013).</small> | | |

| Field Data Sheet : Identification of Geomorphic Indicators of Upland and Watercourse Areas | | |
|---|---|--|
| Sample Point# and/or Drainage ID # | Date: | Representative photo taken? Yes/ <input type="checkbox"/> No/ <input type="checkbox"/> |
| PR'4::J. | 111, 1, | |
| Upland Indicators | Watercourse Indicators | |
| Av Horizon | Bars: mud, sand & gravel | Ripples |
| Biotic Soil Crust | Beach ridges | Scour |
| Bioturbation | Bifurcated flow | Secondary channels |
| Calliche: coatings, layers, rubble | Biotic crusts | Secondary channel bypassing obstruction |
| Carbonate etching | Drainage swales | Sediment sheets |
| Clast / rock weathering | Crusts: carbonate, salt, & soda | Sand filled channels |
| Coppice dunes: active & relict | Landmarks | Scour holes downstream of obstructions |
| Deflated surfaces | Desiccation Mud: cracks, curls/ drapes | Sediment plastering |
| Desert pavement | Drift: organic | Sediment ramps |
| Over-turned rock | Exposed roots below intact soil layer | Sediment sorting |
| Relict bar & swale | Flow or streaming lineations | Sediment: tails |
| Relict channel | Headcuts | Springs |
| Rock fracture in place | Imbricated gravel | Staining of rocks |
| Rock varnish | Knick Points | Stepped-bed morphology in gravel |
| No flow or ponding indicators | Levee Ridges: sand & gravel | Substrate staining |
| Rubified rock undersides | Observed inundation: flooding, ponding, or substrate saturation | Vegetation - channel alignment |
| Soil development | Out of channel flow | Water-cut benches |
| Surface rounding of landform | Overtaken rocks | Water level marks |
| Woody debris in place | Roots | Wrack: woody |
| <p>Notes: SALL-+>c---fJMo u---A. J i>o}« -W. 1/c</p> <p>f--</p> <p>//ow ,N (()I-t . ,. (, m,, IJ,;. I /1 -6 (C v f- CA I-tr,, V-</p> <p>/? a.t I, t ?! Hf' A, f c/ /o ..dd -j/Dw .</p> <p>/AJ C; ha... ?! Hf'... 1:1:1<J /s. /12 , e,, a -JJ, vc. v:,,, -j;,-;</p> <p>/ -7/}7 e. LA,,. u r :So I .</p> | | |
| <p>Adapted from: A Field Guide to the Identification of the Ordinary High Water Mark (OHWM) in the Arid West Region of the Western United States. A Delineation Manual (Ilchvar and McCollev 2008); and Methods to Describe and Delineate Episodic Stream Process on</p> | | |

| Field Data Sheet: Identification of Geomorphic Indicators of Upland and Watercourse Areas | | |
|---|---|---|
| Sample Point # and/or Drainage ID# RR Y..3 | Date : 11/13/J(/J | Representative photo taken?_ Yes/ L. 0 |
| Upland Indicators | Watercourse Indicators | |
| Av Horizon | BarS: mud, sand & gravel | Ripples |
| Biotic Soil Crust | Beach ridges | Scour |
| Blotubation | Bifurcated flow | Secondary channels |
| Caliche: coatings, layers, rubble | Bit 1ccrusts | Secondary channel bypassing obstruction |
| carbonate etching | Drainage swales | Sediment sheets |
| Clast / rock weathering | Crusts: carbonate, salt, & soda | Sand filled channels |
| Coppice dunes: active & relict | cut banks | Scour holes downstream of obstructions |
| Desert surfaces | Desiccation Mud cracks, curls/ drapes | Sediment plastering |
| Desert pavement | Drift: organic | Sediment ramps |
| Over-turned rock | Exposed roots below intact soil layer | Sediment sorting |
| Relict bar & swale | flow or streaming lineations | Sediment: textures |
| Relict channel | Headcuts | Springs |
| Rock fracture in place | Imbricated gravel | Staining of rocks |
| Rock varnish | Knick Points | Stepped-bed morphology in gravel |
| No flow or ponding indicators | Levee Ridges: sand & gravel | Substrate staining |
| Rubbed rock undersides | Observed Inundation: flooding, ponding, or substrate saturation | Vegetation - channel alignment |
| Soil development | Out of channel flow | Water-cut benches |
| Surface rounding of landform | Overtumed rocks | Waterlevel marks |
| Woody debris in place | Roots | Wrack: woody |
| Notes: RR Y..3 11/13/J(/J L. 0 | | |
| *Adapted from: A Field Guide to the Identification of the Ordinary High Water Mark (OHWM) in the Arid West Region of the Western United States, A Delineation Manual (Lichvar and McColley 2008); and Methods to Describe and Delineate Episodic Stream Process on Arid Landscapes for Permitting Utility-Scale Solar Power Plants (Brady and Vyverberg, 2013). | | |

| Field Data Sheet : Identification of Geomorphic Indicators of Upland and Watercourse Areas | | |
|---|---|---|
| Sample Point # : and/or Drainage ID # RR4lf | Date: 11/11/2011 | Representative photo taken? <input type="checkbox"/> Yes/ |
| Upland Indicators | Watercourse Indicators | |
| Av Horizon | Bars:mud, sand & gravel | Ripples |
| Biotic Soil Crust | Beach ridges | Scour |
| Bloturbation | Bifurcated flow | Secondary channels |
| Caliche: coatings, layers, rubble | Biogenic crusts | Secondary channel bypassing obstruction |
| Carbonate etching | Drainage swales | Sediment sheets |
| Clast / rock weathering | Crusts: carbonate,salt,& soda | Sand filled channels |
| Coppice dunes: active & relict | cut banks | Scour holes downstream of obstructions |
| Deflated surfaces | Desiccation Mud cracks, curls/ drapes | Sediment plastering |
| Desert pavement | Drift: organic | Sediment ramps |
| Over-turned rock | Exposed roots below intact soil layer | Sediment sorting |
| Relict bar & swale | flow or streamlineations | Sediment: tails |
| Relict channel | Lead cuts | Springs |
| Rock fracture in place | Imbricated gravel | Staining of rocks |
| Rock varnish | Knick Points | Stepped-bed morphology in gravel |
| No flow or ponding indicators | Levee Ridges: sand & gravel | Substrate staining |
| Rubified rock undersides | Observed inundation: flooding, ponding, or substrate saturation | Vegetation - channel alignment |
| soil development | Out of channel flow | Water-cut benches |
| Surface rounding of landform | Overturned rocks | Water level marks |
| Woody debris in place | Roots | Wrack: woody |
| Notes: <div>RR4lf</div> | | |
| •Adapted from: A Field Guide to the Identification of the Ordinary High Water Mark (OHWM) in the Arid West Region of the Western United States, A Delineation Manual (Lichvar and McColley 2008); and Methods to Describe and Delineate Episodic Stream Process on Arid Landscapes for Permitting Utility-Scale Solar Power Plants (Brady and Vyverberg, 2013). | | |

| Field Data Sheet: Identification of Geomorphic Indicators of Upland and Watercourse Areas | | |
|--|---|---|
| Sample Point # and/or Drainage 10 # <u>RR. 5</u> | Date: <u>11/1/11</u> | Representative photo taken? Yes/ <u>L.O</u> |
| Upland Indicators | Water course Indicators | |
| Av Horizon | Bars: mud, sand & gravel | Ripples |
| Biotic Soil Crust | Beach ridges | Scour |
| Bioturbation | Bifurcated flow | Secondary channels |
| Caliche: coatings, layers, rubble | Biologic crusts | Secondary channel bypassing obstructions |
| Carbonate etching | Drainage swales | Sediment sheets |
| Clast / rock weathering | Crusts: carbonate, salt, & soda | Sand filled channels |
| Coppice dunes: active & relict | /Cutbanks | Scour holes downstream of obstructions |
| Deflated surfaces | Desiccation Mud. cracks, curls/ drapes | Sediment plastering |
| Desert pavement | Drift: organic | Sediment ramps |
| Over-turned rock | Exposed roots below intact soil layer | Sediment sorting |
| Relict bar & swale | W or streaming lineations | Sediment: tails |
| Relict channel | Headcuts | Springs |
| Rock fracture in place | Imbricated gravel | Staining of rocks |
| Rock varnish | Knick Points | Stepped-bed morphology in gravel |
| No flow or ponding indicators | Levee Ridges: sand & gravel | Substrate staining |
| Rubified rock undersides | Observed inundation: flooding, ponding, or substrate saturation | Vegetation - channel alignment |
| 0011 development | Out of channel flow | Water-cut benches |
| Surface rounding of landform | Overtured rocks | Water level marks |
| Woody debris in place | Rills | Wrack: woody |
| Notes: | | |
| <p>"Adapted from: A Field Guide to the Identification of the Ordinary High Water Mark (OHWM) in the Arid West Region of the Western United States, A Delineation Manual (Lichvar and McColley 2008); and Methods to Describe and Delineate Episodic Stream Process on Arid Landscapes for Permitting Utility-Scale Solar Power Plants (Brady and Vyverberg, 2013).</p> | | |

| Field Data Sheet: Identification of Geomorphic Indicators of Upland and Watercourse Area | | |
|--|---|---|
| Sample Point # Drainage ID# RR 4'7 and/or | Date / / ; , , / / ' | Representative photo taken? Yes/ £, |
| Upland Indicators | Watercourse Indicators | |
| Av Horizon | Bars: mud, sand & gravel | Ripples |
| Biotic Soil Crust | Beach ridges | Scour |
| Blotubation | Bifurcated flow | Secondary channels |
| Caliche coatings, layers, rubble | Biotic crusts | Secondary channel bypassing obstruction |
| Carbonate etching | Drainage swales | Sediment sheets |
| Clast / rock weathering | Crusts: carbonate, salt, & soda | Sand filled channels |
| Coppice dunes: active & relict | cut banks | Scour holes downstream of obstructions |
| Deflated surfaces | Desiccation Mud cracks, curls/ drapes | Sediment plastering |
| Desert pavement | Drift: organic | Sediment ramps |
| Overturned rock | Exposed roots below intact soil layer | Sediment sorting |
| Relict bar & swale | Flow streaming lineations | Sediment: tails |
| Relict channel | Headcuts | Springs |
| Rock fracture in place | Imbricated gravel | Staining of rocks |
| Rock varnish | Knick Points | Stepped-bed morphology in gravel |
| No flow or ponding indicators | Levee Ridges: sand & gravel | Substrate staining |
| Rubified rock undersides | Observed Inundation: flooding, ponding, or substrate saturation | Vegetation - channel alignment |
| Soil development | Out of channel flow | Water-cul benches |
| Surface rounding of landform | Overtured rocks | Water level marks |
| Woody debris in place | Rills | Wrack: woody |
| Notes: :50---ta; ,el-/2- >°,q-A,LJ ^{1/4}) | | |
| •Adapted from: A Field Guide to the Identification of the Ordinary High Water Mark (OHWM) In the Arid West Region of the Western United States, A Delineation Manual (Lichvar and McColley 2008); and Methods to Describe and Delineate Episodic Stream Process on Arid Landscapes for Permitting Utility-Scale Solar Power Plants (Brady and Ververberg, 2013). | | |


| Field Data Sheet: Identification of Geomorphic Indicators of Upland and Watercourse Areas | | |
|--|---|--|
| Sample Point # _____ and/or Drainage ID # <u>818</u> | Date: <u>1/13/10</u> | Representative photo taken? <u>Yes</u> / <u>L0</u> |
| <i>Upland Indicators</i> | <i>Watercourse Indicators</i> | |
| Av Horizon | Bars: mud, sand & gravel | Ripples |
| Biotic Soil Crust | Beach ridges | Scour |
| Blotubation | Bifurcated flow | Secondary channels |
| Caliche: coatings, layers, rubble | Biotic crusts | Secondary channel bypassing obstruction |
| Carbonate etching | Drainage swales | Sediment sheets |
| Clast / rock weathering | Crusts: carbonate, salt, & soda | Sand filled channels |
| Coppice dunes: active & relict | cut banks | Scour holes downstream of obstructions |
| Deflated surfaces | Desiccation Mud: cracks, curls/ drapes | Sediment plastering |
| Desert pavement | Drift : organic | Sediment ramps |
| Over-turned rock | Exposed roots below intact soil layer | Sediment sorting |
| Relict bar & swale | low or streaming lineations | Sediment: tails |
| Relict channel | Headcuts | Springs |
| Rock fracture in place | Imbricated gravel | Staining of rocks |
| Rock varnish | Knick Points | Stepped-bed morphology in gravel |
| No now or ponding indicator | levee Ridges: sand & gravel | Substrate staining |
| Rubbed rock undersides | Observed inundation: flooding, ponding, or substrate saturation | Vegetation - channel alignment |
| Channel development | Out of channel flow | Water-cut benches |
| Surface rounding of landform | Overturned rocks | Water level marks |
| Woody debris in place | Rills | Wrack: woody |
| Notes: <u>5</u> <u>1/13/10</u> <u>L0</u> | | |
| Adapted from: A Field Guide to the Identification of the Ordinary High Water Mark (OHWM) in the Arid West Region of the Western United States, A Delineation Manual (Lichvar and McColley 2008); and Methods to Describe and Delineate Episodic Stream Process on Arid Landscapes for Permitting Utility-Scale Solar Power Plants (Brady and Vyverberg, 2013). | | |

| Field Data Sheet: Identification of Geomorphic Indicators of Upland and Watercourse Areas | | |
|--|---|---|
| Sample Point# and/or Drainage ID # | Date: | Representative photo taken? Yes/ L.o |
| J?>RL9 | 11/13/; | |
| Upland Indicators | Watercourse Indicators | |
| Av Horfzon | Bars:mud, sand & gravel | Ripples |
| BioticSoil Crust | Beach ridges | Scour |
| Blotubation | Bifurcated flow | Secondary channels |
| callche: coatings, layers, rubble | Biotic crusts | Secondary channel bypassing obstruction |
| Carbonate etching | Drainage swales | Sediment sheets |
| Clast / roe weathering | Crusts: carbonate, salt,& soda | Sand filled channels |
| Coppice dunes: active & relict | Ut banks | Scour holesdownstream of obstructions |
| Deflated surfaces | Desiccation Mud:cracks, curls/ drapes | Sediment plastering |
| Desert pavement | Drift:organic | Sediment ramps |
| Over-turned rock | Exposed roots below Intact soil layer | Sediment sorting |
| Relict bar & swale | Flow or streaming llnearlons | Sediment: tails |
| Relict channel | Headcuts | Springs |
| Rock fracture in place | Imbricated gravel | Stainingof rocks |
| Rock varnish | nick Points | Stepped-bed morphology,n gravel |
| No flow or pondingindicators | Levee Ridges: sand & gravel | Substrate staining |
| Rublfle d rock undersides | ObservedInundation: flooding,ponding, or substrate saturation | Vegetation -channel alignment |
| Oildevelopment | Out of channel flow | Water-cut benches |
| Surface rounding of landform | Overturned rocks | Water levelmarks |
| Woody debris in place | Rliis | Wrack: woody |
| Notes: ,S'e---.../ /2 '-l(5:> AOI | | |
| *Adapted from: AField Guide to the Identificationof the Ordinary High Water Mark (OHWM) in the Arid West Regionof the Western United States, A Delineation Manual (Uchvar and McColley 2008); and Methodsto Describe and Delineate Episodic Stream Process on Arid Landscapes for Permitting Utility-Scale Solar Power Plants (Brady and Vyverberg, 2013). | | |

| Field Data Sheet: Identification of Geomorphic Indicators of Upland and Watercourse Areas | | |
|--|---|--|
| Sample Point# and/or Drainage ID# <i>RRSO</i> | Date: <i>11/;::;);r:</i> | Representative photo taken? <input checked="" type="checkbox"/> Yes / <i>L.0</i> |
| Upland Indicators | Watercourse Indicators | |
| AvHorizon | Bars: mud, sand & gravel | Ripples |
| Biotic Soil Crust | Beach ridges | Scour |
| Boturbation | Bifurcated flow | Secondary channels |
| Caliche: coatings, layers, rubble | Biotic crusts | Secondary channel bypassing obstruction |
| Carbonate etching | Drainage swales | Sediment sheets |
| Clast / rock weathering | Crusts: carbonate, salt, & soda | Sand filled channels |
| Coppice dunes: active & relict | Cut banks | Scour holes downstream of obstructions |
| Deflated surfaces | Desiccation Mud: cracks, curls / drapes | Sediment plastering |
| Desert pavement | Drift: organic | Sediment ramps |
| Over-turned rock | Exposed roots below intact soil layer | Sediment sorting |
| Relict bar & swale | Low or streaming lineations | Sediment tails |
| Relict channel | Headcuts | Springs |
| Rock fracture in place | Imbricated gravel | Staining of rocks |
| Rock varnish | Knick Points | Stepped-bed morphology in gravel |
| No flow or ponding indicators | Levee Ridge s: sand & gravel | Substrate staining |
| Rubified rock undersides | Observed Inundation: flooding, ponding, or substrate saturation | Vegetation - channel alignment |
| Soil development | Out of channel flow | Water-cut benches |
| Surface rounding of landform | Overtured rocks | Water level marks |
| Woody debris in place | Willows | Wreck: woody |
| Notes: <i>1/2_ { .,μ,...,c;o/</i> | | |
| Field Guide to the Identification of the Ordinary High Water Mark (OHWM) in the Arid West Region of the Western United States, A Delineation Manual (Lichvar and McColley 2008); and Methods to Describe and Delineate Episodic Stream Process on Arid Landscapes for Permitting Utility-Scale Solar Power Plants (Brady and Vyverberg, 2013). | | |

| Field Data Sheet: Identification of Geomorphic Indicators of Upland and Watercourse Areas | | |
|---|---|---|
| Sample Point # and/ or Drainage ID # <i>RRS /</i> | Date: <i>11/ 13/11,</i> | Representative photo taken? <input type="checkbox"/> Yes/ <input type="checkbox"/> No |
| Upland Indicators | Watercourse Indicators | |
| Av Horizon | Bars: mud, sand & gravel | Ripples |
| Biotic Soil Crust | Beach ridges | Scour |
| Bioturbation | Bifurcated flow | Secondary channels |
| Caliche : coatings, layers, rubble | Biotic crusts | Secondary channel bypassing obstruction |
| Carbonate etching | Drainage swales | Sediment sheets |
| Clast / rock weathering | Crusts: carbonate, salt, & soda | Sand filled channels |
| Coppice dunes: active & relict | <i>/Cut banks</i> | Scour holes downstream of obstructions |
| Deflated surfaces | Desiccation Mud: cracks, curls / drapes | Sediment plastering |
| <i>Desert</i> pavement | Drift: organic | Sediment ramps |
| Over-turned rock | Exposed roots below Intact soil layer | Sediment sorting |
| Relict bar & swale | <i>/ low or streaming lineations</i> | Sediment: tails |
| Relict channel | Headcuts | Springs |
| Rock fracture In place | Imbricated gravel | Staining of rocks |
| Rock varnish | Knick Points | Stepped-bed morphology in gravel |
| No flow or ponding indicators | Levee Ridges : sand & gravel | Substrate staining |
| Rubbed rock undersides | Observed inundation: flooding, ponding, or substrate saturation | Vegetation - channel alignment |
| <i>oil</i> development | Out of channel flow | Water-cut benches |
| Surface rounding of landform | Overturned rocks | Water level marks |
| Woody debris in place | Relics | Wrack: woody |
| Notes: <i>;; /? -/ r ,.t,.0/</i> | | |
| Adapted from Field Guide to the Identification of the Ordinary High Water Mark (OHWM) in the Arid West Region of the Western United States, A Delineation Manual (Lichvar and McColley 2008); and Methods to Describe and Delineate Episodic Stream Process on Arid Landscapes for Permitting Utility-Scale Solar Power Plants (Brady and Vyverberg, 2013). | | |

| Field Data Sheet: Identification of Geomorphic Indicators of Upland and Watercourse Areas | | |
|---|---|--|
| Sample Point # and/or Drainage ID# <u>RRS-;;.</u> | Date: <u>11/13, /)</u> | Representative photo taken? <input type="checkbox"/> Yes/ <input checked="" type="checkbox"/> No |
| <i>Upland Indicators</i> | <i>Watercourse Indicators</i> | |
| Av Horizon | Bars: mud,sand & gravel | Ripples |
| Biotic Soil Crust | Beach ridges | Scour |
| Bioturbation | Bifurcated now | Secondary channels |
| Caliche: coatings, layers,rubble | Biotic crusts | Secondary channel bypassing obstruction |
| Carbonate etching | Drainage swales | Sediment sheets |
| Clast / rock weathering | Crusts:carbonate, salt,& soda | Sand filled channels |
| Coppice dunes: active & relict | cut banks | Scour holes downstream of obstructions |
| Deflated surfaces | Desiccation Mud:cracks,curly/ drapes | Sediment plastering |
| Desert pavement | Drift:organ,c | Sediment ramps |
| Over-turned rock | Exposed roots below intact soil layer | Sediment sorting |
| Relict bar & swale | Flow or streaming lineations | Sediment: tails |
| Relict channel | Headcuts | Springs |
| Rock fracture in place | Imbricated gravel | Staining of rocks |
| Rock varnish | Knick Points | Stepped-bed morphology in gravel |
| No flow or ponding Indicators | Levee Ridges: sand & gravel | Substrate staining |
| Rubified rock undersides | Observed inundation: flooding, ponding, or substrate saturation | Vegetation - channel alignment |
| Soil development | Out of channel flow | Water-cut benches |
| Surface rounding of landform | Overtured rocks | Water level marks |
| Woody debris in place | Willis | Wrack: woody |
| Notes: <u>>C...----(- J?.R- 'IL /</u> | | |
| "Adapted from: A Field Guide to the Identification of the Ordinary High Water Mark (OHWM) in the Arid West Region of the Western United States, A Delineation Manual (Uchvar and McColley 2008); and Method 5 to Describe and Delineate Episodic Stream Process on Arid Landscapes for Permitting Utility-Scale Solar Power Plants (Brady and Vyverberg, 2013). | | |

| Field Data Sheet: Identification of Geomorphic Indicators of Upland and Watercourse Areas | | |
|---|--|---|
| Sample Point# and/or Drainage ID# /?R.53 | Date: 11) 1. Y If,,; | Representative photo taken?_ Yes/___o |
| Upland Indicators | Watercourse Indicators | |
| Av Horizon | Bars: mud, sand & gravel | Ripples |
| Biotic SoilCrust | Beach ridges | Scour |
| Biotubation | Bifurcated flow | Secondary channels |
| Caloche : coatings, layers,rubble | Biotic crusts | Secondary channel bypassing obstruction |
| Carbonate etching | Drainage swales | Sediment sheets |
| Clast / rock weathering | Crusts: carbonate, salt. & soda | Sand filled channels |
| Coppice dunes: active & relict | ut banks | Scour holesdownstream of obstructions |
| Deflated surfaces | Desfccation Mud:cracks, curls/ drapes | Sediment plastering |
| Desert pavement | Drift: organic | Sediment ramps |
| Over-turned rock | Exposed roots below intact soilayer | Sediment sorting |
| Relict bar &swale | low streaming lneations | Sediment: tails |
| Relict channel | Headcuts | Springs |
| Rock fracture in place | Imbricated gravel | Staining of rocks |
| Rock varnish | Knick Points | Stepped-bed morphology in gravel |
| No flow or ponding indicators | levee Ridges: sand &gravel | Substrate staining |
| Rubified rockundersides | ObservedInundation- flooding,ponding.or substrate saturation | Vegetation - channel alignment |
|-Soil development | Out of channel flow | Water-cut benches |
| Surface rounding of landform | Overturned rocks | Water levelmarks |
| Woody debris in place | Rliis | Wrack: woody |
| Notes  | | |
| •Adapted from: A Field Guide to the Identification of the Ordinary High Water Mark (OHWM) in the Arid West Region of the Western United States, A Delineation Manual (Lichvar and McColley 2008); and Methods to Describe and Delineate Episodic Stream Process on Arid Landscapes for Permitting Utility-Scale Solar Power Plants (Brady and Vyverberg, 2013). | | |


| Field Data Sheet: Identification of Geomorphic Indicators of Upland and Watercourse Areas | | |
|---|---|--|
| Sample Point# and / or Drainage ID # <u>RR.1f</u> | Date: <u>11/13/11</u> | Representative photo taken? <input type="checkbox"/> Yes/ <u>L.O</u> |
| <i>Upland Indicators</i> | <i>Watercourse Indicators</i> | |
| Av Horizon | Bars: mud, sand & gravel | Ripples |
| Biotic Soil Crust | Beach ridges | Scour |
| Bioturbation | Bifurcated flow | Secondary channels |
| Caliche: coatings, layers, rubble | Biotic crusts | Secondary channel bypassing obstruction |
| Carbonate etching | Drainage swales | Sediment sheets |
| Clast / rock weathering | Crusts: carbonate, salt, & soda | Sand filled channels |
| Coppice dunes: active & relict | Cut banks | Scour holes downstream of obstructions |
| Deflated surfaces | Desiccation Mud: cracks, curls / drapes | Sediment plastering |
| Desert pavement | Drift : organic | Sediment ramps |
| Overturned rock | Exposed roots below intact soil layer | Sediment sorting |
| Relict bar & swale | Flow streamlining features | Sediment: tails |
| Relict channel | Headcuts | Springs |
| Rock fracture in place | Imbricated gravel | Staining of rocks |
| Rock varnish | Knick Points | Steppe-d bed morphology in gravel |
| No flow or ponding Indicators | Levee Ridges: sand & gravel | Substrate staining |
| Rubified rock undersides <u>L</u> | Observed inundation: flooding, ponding, or substrate saturation | Vegetation - channel alignment |
| Soil development | Out of channel flow | Water-cut benches |
| Surface rounding of landform | Overturned rocks | Water level marks |
| Woody debris In place | Roots | Wreck : woody |
| Notes: <u>11/13/11 G. L, w4)</u> | | |
| • Adapted from: A Field Guide to the Identification of the Ordinary High Water Mark (OHWM) in the Arid West Region of the Western United States, A Delineation Manual (Ilchvar, and McColley 2008); and Methods to Describe and Delineate Episodic Stream Process on Arid Landscapes for Permitting Utility Scale Solar Power Plants (Brady and Vyverberg, 2013). | | |

| Field Data Sheet: Identification of Geomorphic Indicators of Upland and Watercourse Areas | | |
|---|---|---|
| Sample Point # _____: and / or Drainage ID # <i>RR5r0</i> | Date : <i>11/13//</i> | Representative photo taken? _ Yes/ <i>L</i> |
| <i>Upland Indicators</i> | <i>Watercourse Indicators</i> | |
| Av Horizon | Bars: mud, sand & gravel | Ripples |
| Biotic Soil Crust | Beach ridges | Scour |
| Bioturbation | Bifurcated flow | Secondary channels |
| Caliche: coatings, layers, rubble | Biotic crusts | Secondary channel bypassing obstruction |
| Carbonate etching | Drainage swales | Sediment sheets |
| Clast / rock weathering | Crusts: carbonate, salt, & soda | Sand filled channels |
| Coppice dunes: active & relict | Cut banks | Scour holes downstream of obstructions |
| Deflated surfaces | Desiccation Mud: cracks, curls/ drapes | Sediment plastering |
| Desert pavement | Drift: organic | Sediment ramps |
| Over-turned rock | Exposed roots below intact soil layer | Sediment sorting |
| Relict bar & swale | Flow or streaming lineations | Sediment: tails |
| Relict channel | Headcuts | Springs |
| Rock fracture in place | Imbricated gravel | Staining of rocks |
| Rock varnish | Knick Points | Stepped-bed morphology in gravel |
| No flow or ponding Indicators | levee Ridges: sand & gravel | Substrate staining |
| Rubified rock undersides | Observed inundation: flooding, ponding, or substrate saturation | Vegetation - channel alignment |
| Development | Out of channel flow | Water-cut benches |
| Surface rounding of landform | Overtaken rocks | Water level marks |
| Woody debris in place | Rills | Wrack: woody |
| Notes: <i>5 Ice '-12 rS u/ J</i> | | |
| *Adapted from: A Field Guide to the Identification of the Ordinary High Water Mark (OHWM) in the Arid West Region of the Western United States, A Delineation Manual (Uchvar and Mccolley 2008); and Methods to Describe and Delineate Episodic Stream Process on Arid Landscapes for Permitting Utility-Scale Solar Power Plants (Brady and Vyverberg 2013). | | |

Field Data Sheet: Identification of Geomorphic Indicators of Upland and Watercourse Areas

| | | |
|--|---|---|
| Sample Point# and/or Drainage ID # | Date: | Representative photo taken? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| 12RS3- | 11/13/11 | |
| Upland Indicators | Waterscourse Indicators | |
| Av Horizon | Bars: mud, sand & gravel | Ripples |
| Biotic Soil/Crust | Beach ridges | Scour |
| Blotubation | Bifurcated flow | Secondary channels |
| Calliche : coatings, layers, rubble | Biotic crusts | Secondary channel bypassing obstruction |
| Carbonate etching | Drainage swales | Sediment sheets |
| Clast / rock weathering | Crusts: carbonate, salt, & soda | Sand filled channels |
| Coppice dunes: active & relict | cut banks | Scour holes downstream of obstructions |
| Deflated surfaces | Desiccation Mud - cracks, curls/ drapes | Sediment plastering |
| Desert pavement | Drift-organic | Sediment ramps |
| Over-turned rock | Exposed roots below intact soil layer | Sediment sanding |
| Relict bar & swale | flow or streaming lineations | Sediment: tails |
| Relict channel | Headcuts | Springs |
| Rock fracture in place | Imbricated gravel | Staining of rocks |
| Rock varnish | Knick Points | Stepped -bed morphology in gravel |
| No flow or ponding indicators | levee Ridges: sand & gravel | Substrate staining |
| Rubbled rock undersides | Observed Inundation: flooding, ponding, or substrate saturation | Vegetation - channel alignment |
| Channel development | Obvious channel flow | Water-cut benches |
| Surface rounding of landform | Overturned rocks | Water level marks |
| Woody debris in place | Roots | Wrack: woody |
| Notes: A field site | | |

"Adapted from: A Field Guide to the Identification of the Ordinary High Water Mark (OHWM) in the Arid West Region of the Western United States, A Delineation Manual (Uchvar and McColley 2008); and Methods to Describe and Delineate Episodic Stream Process on Arid Landscapes for Permitting Utility-Scale Solar Power Plants (Brady and Vyverberg, 2013).

| Field Data Sheet : Identification of Geomorphic Indicators of Upland and Watercourse Areas | | |
|---|---|--|
| Sample Point # and/or Drainage ID# RRS7& | Date: 11/13/11 | Representative photo taken? <input type="checkbox"/> Yes/ <input checked="" type="checkbox"/> No  |
| Upland Indicators | Watercourse Indicators | |
| Av 1-lor i zon | Bars: mud, sand& gravel | Ripples |
| Biotic Soil Crust | Beach rfdges | Scour |
| Blotubation | Bffurcated flow | Secondary channels |
| caliche: coatings, layers, rubble | Biotic crusts | Secondary channel bypassing obstruction |
| carbonate etching | Drainage swales | Sediment sheets |
| Clast / rock weathering | Cru sts: carbonat e, salt, & soda | Sand filled channels |
| Coppice dunes: active & relict | u t banks | Scour holesdownstream of obstructions |
| Deflated surfaces | Desiccation Mud: cracks,curls/ drapes | Sediment plastering |
| Desert pavement | Drift:organic | Sediment ramps |
| Over-turned rock | Exposed roots below Tntact soil layer | Sedfment sorting |
| Relict bar & swale | lowbeaming lneations | Sediment: tails |
| Relict channel | Headcuts | Springs |
| Rock fracture In place | Imbricated gravel | Stainingof rocks |
| Rock varnish | Knick Points | Stepped-bed morphology In gravel |
| No flow or ponding Indicators | Levee Ridges: sand & gravel | Substrate staining |
| Rubified rock undersides | Observed inundation : flooding, ponding, or substra te saturation | Vegetation - channel alignment |
| oil development | Out of channel flow | Water-cut benches |
| Surface roun ding of landform | Overturnd rocks | Water level marks |
| Woody debris in place | Rliis | Wrack: woody |
| Notes: | | |
| <p>* Adapted from: A Field Guide to the Identification of the Ordinary High Water Mark (OHWM) in the Arid West Region of the Western United States, A Delineation Manual (Lichvar and McColley 2008); and Methods to Describe and Delineate Episodic Stream Process on Arid Landscapes for Permitting Utility-Scale Solar Power Plants (Brady and Vyverberg, 2013).</p> | | |

| Field Data Sheet: Identification of Geomorphic Indicators of Upland and Wat ercourse Areas | | |
|---|--|---|
| Sample Point // <u> </u> and / or Drainage ID # <u>J?R(pO</u> | Date: <u>11/1 1/fo</u> | Representative phot o t aken? _ Yes/ <u>L</u> |
| Upland Indicators | Wat ercourse Indicat ors | |
| Av Horizon | Bars: mud, sand & gravel | Ripples |
| Biotic Soll Crust | Beach ridges | Scour |
| Biotubation | Bifurcated flo w | Secondary channels |
| Callche: coatings, layers, rubble | Biotic crusts | Secondary channel bypassing obstruction |
| Carbonate etching | Drainage swales | Sediment sheets |
| Clast / rock weathering | Crust s: carbonate, salt,& soda | Sand filled channels |
| Coppice dunes: active &relict | Cut banks | Scour holes downstream of obstructions |
| Denatedsurfaces | Desiccation Mud:cracks, curls/ drapes | Sediment plastering |
| Desert pavement | Dri ft: organic | Sediment ramps |
| Over-turn ed rock | Exposed roots below intact soll layer | Sediment sorting |
| Relictbar & swale | Flow or streaming lineatlon s | Sediment: tails |
| Relict channel | Headcuts | Springs |
| Rock fracture in place | Imbricated gravel | Staining of rocks |
| Rock varnish | Knick Point s | Stepped-bed morphology in gravel |
| No flow or pondingIndicators | Levee Ridges: sand & gravel | Substrate staining |
| Rubified rock undersides | Observed inunda tion: noodling, ponding, or substrate saturation | Vegetation - channel alignment |
| oil development | Out of channel now | Water-cut benches |
| urf ace ro un ding of lan dform | Overt urn ed rocks | Water level marks |
| Woody debris in place | RIlis | Wrack: woody |
| Notes: <u>5</u> <u>A_e_l(2.{s)</u> | | |
| • ,Adapted from : A Field Guide to the Identification of the Ordinary High Water Mark (OHWM) in the Arid West Region of the Western United States, A Delineation Manual (lichvar and Mccolley 2008); and Methods to Describe and Delineate Episodic Stream Proce on Arid Landscapes for Perm itt ing Utili ty -Scal e Solar Power Plants (Brady and Vyverberg, 2013). | | |

| Field Data Sheet: Identification of Geomorphic Indicators of Upland and Watercourse Areas | | |
|--|---|---|
| Sample Point # _____ and/or Drainage ID # RR-1 | Date: u/811 | Representative photo taken? _ Yes/ L.0 |
| Upland Indicators | Watercourse Indicators | |
| Aviation Zone | Bars : mud, sand & gravel | Ripples |
| Biotic Soil Crust | Beach ridges | Scour |
| Bioturbation | Bifurcated flow | Secondary channels |
| Caliche: coatings, layers, rubble | Biotic crusts | Secondary channel bypassing obstruction |
| Carbonate etching | Drainage swales | Sediment sheets |
| Clast / rock weathering | Crusts: carbonate, salt, & soda | Sand filled channels |
| Coppice dunes: active & relict | Out banks | Scour holes downstream of obstructions |
| Denuded surfaces | Desiccation Mud: cracks, curls/ drapes | Sediment plastering |
| Desert pavement | Drift: organic | Sediment ramps |
| Overturned rock | Exposed roots below intact soil layer | Sediment sorting |
| Relict bar & swale | Flow or streaming lineations | Sediment : tails |
| Relict channel | Interdune cuts | Springs |
| Rock fracture in place | Imbricated gravel | Staining of rocks |
| Rock varnish | Knick Points | Stepped-bed morphology in gravel |
| No flow or ponding Indicators | Levee Ridges: sand & gravel | Substrate staining |
| Rubified rock undersides | Observed Inundation: flooding, ponding, or substrate saturation | Vegetation - channel alignment |
| Soil development | Out of channel now | Water-cut benches |
| Surface rounding of landform | Overturned rocks | Water level marks |
| Woody debris in place | Willows | Wrack : woody |
| Notes: <div style="text-align: center; font-size: 2em; font-family: cursive;">At 4 C./s.A;l' ..<J"N2:::.)</div> | | |
| <small>• Adapted from : A Field Guide to the Identification of the Ordinary 1-tlgh Water Mark (OHWM) in the Arid West Region of the Western United States, A Delineation Manual (Lithvar and McColley 2008); and Methods to Describe and Delineate Episodic Stream Process on Arid Landscapes for Permitting Utility-Scale Solar Power Plants (Brady and Vyverberg, 2013).</small> | | |

| Field Data Sheet: Identification of Geomorphic Indicators of Upland and Watercourse Areas | | |
|---|---|--|
| Sample Point# _____ : and/or Drainage ID # <i>RR.rT</i> | Date: <i>n/13/Jk</i> | Representative photo taken? Yes/ <i>no</i> |
| Upland Indicators | Watercourse Indicators | |
| Av Horizon | Bars: mud, sand & gravel | Ripples |
| Biotic Soil Crust | Beach ridges | Scour |
| Bioturbation | Bifurcated flow | Secondary channels |
| Caliche : coatings, layers, rubble | Biotic crusts | Secondary channel bypassing obstruction |
| carbonate etching | Drainage swales | Sediment sheets |
| Clast / rock weathering | Crusts: carbonate, salt, & soda | Sand filled channels |
| Coppice dunes: active & relict | /Cutbanks | Scour holes downstream of obstructions |
| Deflated surfaces | Desiccation Mud: cracks, curls/ drapes | Sediment plastering |
| Desert pavement | Drift: organic | Sediment ramps |
| Over-turned rock | Exposed roots below intact soil layer | Sediment sorting |
| Relict bar & swale | /Flow streamlineations | Sediment: tails |
| Relict channel | Headcuts | Springs |
| Rock fracture in place | Imbricated gravel | Staining of rocks |
| Rock varnish | Knick Points | Stepped-bed morphology in gravel |
| No flow or ponding indicators | Levee Ridges: sand & gravel | Substrate staining |
| Rubbed rock undersides | Observed inundation: flooding, ponding, or substrate saturation | Vegetation - channel alignment |
| soil development | Out of channel flow | Water-cut benches |
| Surface rounding of landform | Overtaken rocks | Water level marks |
| Woody debris in place | Roots | Wrack: woody |
| Notes : <div style="text-align: center; font-size: 2em;"> <i>R/2 - L; z_ /)</i> </div> | | |
| • Adapted from: A Field Guide to the Identification of the Ordinary High Water Mark (OHWM) in the Arid West Region of the Western United States, A Delineation Manual (Lkhvar and McColley 2008); and Methods to Describe and Delineate Episodic Stream Process on Arid Landscapes for Permitting Utility-Scale Solar Power Plants (Brady and Vyverberg, 2013). | | |

| Field Data Sheet: Identification of Geomorphic Indicators of Upland and Watercourse Areas | | |
|--|---|--|
| Sample Point# and/or Drainage ID# <u>Ri S</u> | Date: <u>11/13</u>) / | Representative photo taken? <u> </u> Yes /# |
| Upland Indicators | Watercourse Indicators | |
| Av Horizon | Bars: mud, sand & gravel | Ripples |
| Biotic SoilCrust | Beach ridges | Scour |
| Blotubation | Bifurcated flow | Secondary channels |
| Callche: coatings, layers, rubble | Biotic crusts | Secondary channel bypassing obstruction |
| Carbonate etching | Drainage swales | Sediment sheets |
| Clast / rock weathering | Crusts: carbonate, salt,& soda | Sand filled channels |
| Coppice dunes:active & relict | u t b anks | Scour holesdownstream of obstructions |
| Deflated surfaces | Desiccation Mud : cracks, curls/ drapes | Sediment plastering |
| Desert pavement | Drift:organic | Sediment ramps |
| Over-turned rock | Exposed roots belowintact soil layer | Sediment son lng |
| Rel ict bar & swale | /tow or ueaminglineations | Sediment: tails |
| Relict channel | Headcuts | Springs |
| Rock fracture in place | Imbricated gravel | Stainingof rocks |
| Rock varnish | Knick Point s | Stepped-bed morphology in gravel |
| No flow or pondingindicators | Levee Ridges: sand & gravel | Substrate staining |
| Rubified rock undersides | Observedinundation: flooding, ponding, or substratesaturation | Vegetation - channel alignment |
| J;"I,oll development | Out of channel flow | Water-cut benches |
| Surface ro undi ng of landform | Overturned rocks | Water level marks |
| Woody debris ln place | Rills | Wrack: woody |
| Notes: <div>12 1/?../,4,...,<.,1)</div> | | |
| • Adapted from: A Field Guide to the Identification of the Ordinary High Water Mark (OHWM) In the Arid West Region of the Western United States, A Delineation Manual (Lichvar and Mccolley 2008); and Methods to Describe and Delineate Episodic Stream Process on Arid Landscapes for Permitting Utility-Scale Solar Power Plants (Brady and Vyverberg, 2013). | | |

| Field Data Sheet : Identification of Geomorphic Indicators of Upland and Waterscourse Areas | | |
|---|---|--|
| Sample Point # _____ and/or Drainage ID# !< +<. | Date: <i>11/13/1</i> | Representative photo taken? <input type="checkbox"/> Yes/ <i>L.O</i> |
| <i>Upland Indicators</i> | <i>Watercourse Indicators</i> | |
| Av Horilon | Bars: mud, sand & gravel | Ripp les |
| Biotic Soil Crust | Beach ridges | Scour |
| Biotubation | Bifurcated flow | Secondary channels |
| Caliche : coa t ings, layers.rubble | Biotic crusts | Secondary channel bypassing obstruction |
| Carbonate etching | Drainage swales | Sediment sheets |
| Clast / rock weathering | Crusts: carbonate, salt, & soda | sand filled channels |
| Coppice dunes: actrve & rel[ct | <i>/Cutbanks</i> | Scour holesdownstream of obstructions |
| Deflated surfaces | Desiccation Mud: cracks. curls/ drapes | Sediment plastering |
| Desert pavement | Drift:organic | Sediment ramps |
| Over-turned rock | Exposed roots below intact soil layer | Sediment sorting |
| Relict bar & swale | <i>/lowstreaming lneations</i> | Sediment: tails |
| Relict channel | Headcuts | Springs |
| Rock fracture In place | Imbricated gravel | Staining of rocks |
| Rock varnish | Knick Points | Stepped-bed morphology in gravel |
| No flow or ponding Indicators | Levee Ridges: sand & gravel | Substrate staining |
| Rubified rock undersides | Observed inundation: flooding. ponding, or substrate saturation | Vegetation - channelalignment |
| I development | Out of channel flow | Water-cut benches |
| Surface rounding of landform | Overturnd rocks | Water level marks |
| Woody debris In place | Rliis | Wrack: woody |
| Notes: <i>/</i> <i>></i> <i>R</i> <i>'-1/.</i> | | |
| •Adapted from: A FieldGuide to theldentification of the Ordinary High Water Mark(OHWM) In the Arid West Region of the Western United States, A Delineation Manual (Wchvar and McColley 2008); and Methods to Describe and Delineate Episodic Stream Process on Arid Landscapes for Permitting Utility-Scale Solar Power Plants (Brady and Vyverberg, 2013). | | |

| Field Data Sheet : Identification of Geomorphic Indicators of Upland and Watercourse Areas | | |
|---|---|--|
| Sample Point# and/or Drainage ID# <u>RR-€1</u> | Date: <u>11/13/13</u> | Representative photo taken? <input type="checkbox"/> Yes/ <input checked="" type="checkbox"/> No |
| Upland Indicators | Watercourse Indicators | |
| Av Horizon | Bars : mud, sand & gravel | Ripples |
| Biotic Soil Crust | Beach ridges | Scour |
| Bioturbation | Bifurcated flow | Secondary channels |
| Caliche: coatings, layers, rubble | Biotic crusts | Secondary channel bypassing obstruction |
| Carbonate etching | Drainage swales | Sediment sheets |
| Clast / rock weathering | Crusts: carbonate, salt, & soda | Sand filled channels |
| Coppice dunes: active & relic | Outbanks | Scour holes downstream of obstructions |
| Deflated surfaces | Desiccation Mud : cracks, curls/ drapes | Sediment plastering |
| Desert pavement | Drift: organic | Sediment ramps |
| Over-turned rock | Exposed roots below intact soil layer | Sediment sorting |
| Relict bar & swale | Flow or streaming lineations | Sediment: talis |
| Relict channel | Headcuts | Springs |
| Rock fracture in place | Imbricated gravel | Staining of rocks |
| Rock varnish | Knick Points | Stepped-bed morphology in gravel |
| No flow or ponding indicators | Levee Ridges: sand & gravel | Substrate staining |
| Rubified rock undersides | Observed Inundation: flooding, ponding, or substrate saturation | Vegetation - channel alignment |
| Soil development | Out of channel flow | Water-cut benches |
| Surface rounding of landform | Overturned rocks | Water level marks |
| Woody debris in place | Rills | Wrack: woody |
| Notes : <u>5</u> <u>6-100, AR-1/2 (b', A)</u> | | |
| •Adapted from: A Field Guide to the Identification of the Ordinary High Water Mark (OHWM) in the Arid West Region of the Western United States, A Delineation Manual (Lichvar and McColley 2008); and Methods to Describe and Delineate Episodic Stream Process on Arid Landscapes for Permitting Utility-Scale Solar Power Plants (Brady and Vyverberg, 2013). | | |

| Field Data Sheet : Identification of Geomorphic Indicators of Upl and and Watercourse Areas | | |
|--|--|--|
| Sample Point# _____ and/or Drainage ID# <u>11t874</u> | Date: <u>III / !) II</u> | Representative photo taken? <input type="checkbox"/> Yes/ <u>Loo</u> |
| <i>Upl and Indicators</i> | <i>Watercourse Indicators</i> | |
| Av Horizon | Bars: mud, sand & gravel | Ripples |
| Biotic Soil Crust | Beach ridges | Scour |
| Bioturbation | Bifurcated flow | Secondary channels |
| caliche: coatings, layers, rubble | Biotic crusts | Secondary channel bypassing obstruction |
| Carbonate etching | Drainage swales | Sediment sheets |
| Clast / rock weathering | Crusts: carbonate, salt, & soda | Sand filled channels |
| Coppice dunes: active & relict | VCutbanks | Scour holes downstream of obstructions |
| Denuded surfaces | Desiccation Mud: cracks, curls/ drapes | Sediment plastering |
| Desert pavement | Drift: organic | Sediment ramps |
| Over-turned rock | Exposed roots below intact soil layer | Sediment sorting |
| Relict bar & swale | /low streaming lineations | Sediment: tails |
| Relict channel | Headcuts | Springs |
| Rock fracture in place | Imbricated gravel | Staining of rocks |
| Rock varnish | Knick Points | Stepped-bed morphology in gravel |
| No flow or ponding Indicators | Levee Ridges: sand & gravel | Substrate staining |
| Rubified rock undersides | Observed inundation : flooding, ponding, or substrate saturation | Vegetation - channel alignment |
| 0011 development | Outlet of channel flow | Water-cut benches |
| Surface rounding of landform | Overtured rocks | Water level marks |
| Woody debris in place | Relics | Wrack : woody |
| Notes: <u>HR - 1/2.</u> | | |
| "Adapted from : A Field Guide to the Identification of the Ordinary High Water Mark (OHWM) in the Arid West Region of the Western United States, A Delineation Manual (Lichvar and McColley 2008); and Methods to Describe and Delineate Episodic Stream Process on Arid Landscapes for Permitting Utility-Scale Solar Power Plants (Brady and Vyverberg, 2013). | | |

| Field Data Sheet: Identification of Geomorphic Indicators of Upland and Watercourse Areas | | |
|--|---|--|
| Sample Point# _____ | Date: _____ | Representative photo taken? <input checked="" type="checkbox"/> Yes <i>L-0</i> |
| DrainageID# <i>L(R<2!/-</i> | <i>,, J /3) /(,</i> | |
| Upland Indicators | Watercourse Indicators | |
| Av Horizon | Bars. mud, sand & gravel | Ripples |
| Biotic Soll Crust | Beach ridges | Scour |
| Blotubation | Bifurcated flow | Secondary channels |
| Callche: coatings, layers, rub ble | Biotic crusts | Secondary channel bypassing obstruc tion |
| carbonate etching | Drainage swales | Sediment sheets |
| Clast / rock weathering | Crusts: carbonate, salt, & soda | Sand filled channels |
| Coppice dunes: active & relict | /ulbanks | holes downstream of obstructions |
| Deflated surfaces | Desiccation Mud:cracks, curls/ drapes | Sediment plastering |
| Desert pavement | Ori : organic | Sediment ramps |
| Over-turned rock | Exposed roots below intact soil layer | Sedimen t sorting |
| Relict bar & swale | VFLOW or streaming llineatons | Sediment: tails |
| Relict channel | Headcuts | Springs |
| Rock fracture In place | Imbricated gravel | Stainingof rocks |
| Rock varnish | l(nkkPoints | Stepped-bed morphology In gravel |
| No flow or pondingIndicators | Levee Ridges: sand & gravel | Substrate staining |
| Rubified rock undersides | Observed mundat1on: floo ding, ponding, or substrate saturation | Vegetation - channel alignment |
| ii d evelopment | Out of channel flow | Water-cut benches |
| Surface ro undi ng of land form | Overturnd rocks | Water level marks |
| Woody debris in place | Rliis | Wr ack: woody |
| Notes: <i>...t.,o/.)</i> | | |
| •Adapted from : A FieldGulde to the Identification of the Ordinary High Water Mark (OHWM) in the Arid West Region of the Western United States, A Delineation Manual (Lichvar and Mccolley 2008); and Methods to Describe and Delineate Episodic Stream Process on Ari d Landscapes for Permitting Utility-Scale Solar Power Plants (Brady and Vyverberg, 2013). | | |

| Field Data Sheet: Identification of Geomorphic Indicators of Upland and Watercourse Areas | | |
|---|---|--|
| Sample Point# and/or Drainage ID# <i>f < R</i> | Date: <i>n/1;.11</i> | Representative photo taken? <input type="checkbox"/> Yes <i>.L-0</i> |
| <i>Upland Indicators</i> | <i>Watercourse Indicators</i> | |
| Av Horizon | Bars: mud, sand & gravel | Ripples |
| Biotic Soil Crust | Beach ridges | Scour |
| Blotubation | Bifurcated flow | Secondary channels |
| Calliche; coatings, layers, rubble | Biotic crusts | Secondary channel bypassing obstruction |
| Carbonate etching | Drainage swales | Sediment sheets |
| Clast / rock weathering | Crusts: carbonate, salt, & soda | Sand filled channels |
| Coppice dunes: active & relict | <i>1/Cutbanks</i> | Scour holes downstream of obstructions |
| Deflated surfaces | Desiccation Mud: cracks, curls / drapes | Sediment plastering |
| Desert pavement | Drift ; organic | Sediment ramps |
| Over-turned rock | Exposed roots below intact soil layer | Sediment sorting |
| Relict bar & swale | <i>/Flow</i> streaming lineations | Sediment: tails |
| Relict channel | Headcuts | Springs |
| Rock fracture In place | Imbricated gravel | Staining of rocks |
| Rock varnish | Knick Points | Stepped-bed morphology in gravel |
| No flow or ponding indicators | Levee Ridges: sand & gravel | Substrate staining |
| Rubified rock undersides | Observed inundation: flooding, ponding, or substrate saturation | Vegetation - channel alignment |
| soil development | Out of channel flow | Water-cut benches |
| Surface rounding of landform | Over turned rocks | Water level marks |
| Woody debris in place | Rills | Wrack: woody |
| Notes: <div style="text-align: center; font-size: 2em; font-family: cursive;">fe:1L 1/2 (' AC)</div> | | |
| • Adapted from: A Field Guide to the Identification of the Ordinary High Water Mark (OHWM) in the Arid West Region of the Western United States, A Delineation Manual (Uchvar and McColley 2008); and Methods to Describe and Delineate Episodic Stream Process on Arid Landscapes for Permitting Utility-Scale Solar Power Plants (Brady and Vyverberg, 2013). | | |

| Field Data Sheet: Identification of Geomorphic Indicators of Upland and Watercourse Areas | | |
|--|---|--|
| Sample Point # and/or Drainage ID# KR10> | Date: 11/3/11- | Representative photo taken? Yes / <u>o</u> |
| Upland Indicators | Watercourse Indicators | |
| Av Horizon | Bars: mud, sand & gravel | Ripples |
| Biotic Soil Crust | Beach ridges | Scour |
| Bioturbation | Bifurcated flow | Secondary channels |
| Caliche: coatings, layers, rubble | Biotic crusts | Secondary channel bypassing obstruction |
| carbonate etching | Drainage swales | Sediment sheets |
| Clast / rock weathering | Crusts: carbonate, salt, & soda | Sand filled channels |
| Coppice dunes: active & relict | cut banks | Scour holes downstream or obstructions |
| Deflated surfaces | Desiccation Mud- cracks, curls/ drapes | Sediment plastering |
| Desert pavement | Drift: organic | Sediment ramps |
| Over-turned rock | Exposed roots below intact soil layer | Sediment sorting |
| Relict bar & swale | ? w or streaming lineations | Sediment: tafts |
| Relict channel | Headcuts | Springs |
| Rock fracture in place | Imbricated gravel | Staining of rocks |
| Rock varnish | Knick Points | Stepped-bed morphology in gravel |
| No flow or ponding indicators | Levee Ridges: sand & gravel | Substrate staining |
| Rubified rock undersides | Observed inundation: flooding, ponding, or substrate saturation | Vegetation - channel alignment |
| development | Out of channel flow | Water-cut benches |
| Surface rounding of landform | Overtured rocks | Water level marks |
| Woody debris in place | Relics | Wrack: woody |
| Notes: > /4' - { (i.d., /40) | | |
| • Adapted from: A Field Guide to the Identification of the Ordinary High Water Mark (OHWM) in the Arid West Region of the Western United States, A Delineation Manual (Lichvar and McColley 2008); and Methods to Describe and Delineate Episodic Stream Process on Arid Landscapes for Permitting Utility-Scale Solar Power Plants (Brady and Vyverberg, 2013). | | |

| Field Data Sheet: Identification of Geomorphic Indicators of Upland and Watercourse Areas | | |
|--|---|--|
| Sample Point # _____ and/or _____ Drainage ID # RR104 | Date: 11/11 | Representative photograph taken? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| Upland Indicators | Watercourse Indicators | |
| Av Horizon | Bars; mud, sand & gravel | Ripples |
| Blotchy Soil Crust | Beach ridges | Scour |
| Blotubation | Bifurcated now | Secondary channels |
| Caliche: coatings, layers, rubble | Biotic crusts | Secondary channel bypassing obstruction |
| Carbonate etching | Drainage swales | Sediment sheets |
| Clast / rock weathering | Crusts: carbonate, salt, & soda | Sand filled channels |
| Coppice dunes: active & relict | /Cut banks | Scour holes downstream of obstructions |
| Deflated surfaces | Desiccation Mud: cracks, curls/ drapes | Sediment plastering |
| Desert pavement | Drift: organic | Sediment ramps |
| Overturned rock | Exposed roots below intact soil layer | Sediment sorting |
| Relict bar & swale | / low or streaming lineations | Sediment: tails |
| Relict channel | Headcuts | Springs |
| Rock fracture in place | Imbricated gravel | Staining of rocks |
| Roel (varnish) | Knick Points | Stepped-bed morphology in gravel |
| No flow or ponding indicators | Levee Ridges: sand & gravel | Substrate staining |
| Rubified rock undersides | Observed inundation: flooding, ponding, or substrate saturation | Vegetation - channel alignment |
| Oil development | Out of channel flow | Water-cut benches |
| Surface rounding of landform | Overturned rocks | Water level marks |
| Woody debris in place | Rills | W rack: woody |
| Notes: <div style="text-align: center; font-size: 2em; font-family: cursive;"> Je 11/2f's..u-..:Vt.:i </div> | | |
| • Adapted from: Field Guide to the Identification of the Ordinary High Water Mark (CHWM) in the Arid West Region of the Western United States, A Delineation Manual (Lichvar and McColley 2008); and Methods to Describe and Delineate Episodic Stream Process on Arid Landscapes for Permitting Utility-Scale Solar Power Plants (Brady and Ververberg, 2013). | | |

Appendix E1

Representative Onsite Photographs

First Solar Desert Quartzite Project Site – CDFW Stream Delineation, November 2016



Photo Point / Watercourse ID# RR1, dormant channel east side of north-south road.



Photo Point / Watercourse ID# RR2, dormant channel east side of north-south road.

First Solar Desert Quartzite Project Site – CDFW Stream Delineation, November 2016



Photo Point / Watercourse ID# RR3, dormant channel west side of north-south road, looking southwest.



Photo Point / Watercourse ID# RR6, looking southwest.

First Solar Desert Quartzite Project Site – CDFW Stream Delineation, November 2016



Photo Point / Watercourse ID# RR7, dormant channel looking east.



Photo Point / Watercourse ID# RR8, dormant channel looking east.

First Solar Desert Quartzite Project Site – CDFW Stream Delineation, November 2016



Photo Point / Watercourse ID# RR9, dormant channel looking northwest.



Photo Point / Watercourse ID# RR10, dormant channel looking south.

First Solar Desert Quartzite Project Site – CDFW Stream Delineation, November 2016



Photo Point / Watercourse ID# RR11, dormant channel looking northwest.



Photo Point / Watercourse ID# RR 12, dormant channel north side of road, looking north.

First Solar Desert Quartzite Project Site – CDFW Stream Delineation, November 2016



Photo Point / Watercourse ID# RR13, dormant channel north side of road, looking east-southeast.



Photo Point / Watercourse ID# RR14, dormant channel north side of road, looking east-southeast.

First Solar Desert Quartzite Project Site – CDFW Stream Delineation, November 2016



Photo Point / Watercourse ID# RR15, dormant channel north side of road, looking southeast.



Photo Point / Watercourse ID# RR16 and RR17, dormant channel north side of road, looking south.

First Solar Desert Quartzite Project Site – CDFW Stream Delineation, November 2016



Photo Point / Watercourse ID# RR18, dormant channel north side of road, looking south.



Photo Point / Watercourse ID# RR19, dormant channel north side of road, looking southwest.

First Solar Desert Quartzite Project Site – CDFW Stream Delineation, November 2016



Photo Point / Watercourse ID# RR18, dormant channel on south side of berm on southern side of farmed area.



PPhoto Point / Watercourse ID# RR19, dormant channel on south side of berm on southern side of farmed area.

First Solar Desert Quartzite Project Site – CDFW Stream Delineation, November 2016



Photo Point / Watercourse ID# RR20, dormant channel with 5 forks on south side of berm, south side of farmed area.



Photo Point / Watercourse ID# RR21a, dormant channel on south side of berm on southern side of farmed area.



Photo Point / Watercourse ID# RR22. Dormant channel.



Photo Point / Watercourse ID# RR23. Dormant channel.

First Solar Desert Quartzite Project Site – CDFW Stream Delineation, November 2016



Photo Point / Watercourse ID# RR24a. Dormant channel on east end of south side of berm on south side of farmed area.



Photo Point / Watercourse ID# RR25a. Dormant channel on south side of berm on south side of farmed area.

First Solar Desert Quartzite Project Site – CDFW Stream Delineation, November 2016



Photo Point / Watercourse ID# RR26. Dormant channel on south side of berm on south side of farmed area.



Photo Point / Watercourse ID# RR27a. Dormant channel on south side of berm on south side of farmed area.

First Solar Desert Quartzite Project Site – CDFW Stream Delineation, November 2016



Photo Point / Watercourse ID# RR28a. Watercourse on south side of berm on south side of farmed area.



Photo Point / Watercourse ID# RR29. Dormant channel on south side of berm on south side of farmed area.

First Solar Desert Quartzite Project Site – CDFW Stream Delineation, November 2016



Photo Point / Watercourse ID# RR30a. Dormant channel on south side of berm on south side of farmed area.



Photo Point / Watercourse ID# RR31. Dormant on south side of berm on south side of farmed area.

First Solar Desert Quartzite Project Site – CDFW Stream Delineation, November 2016



Photo Point / Watercourse ID# RR32. Dormant channel with many side channels on south side of berm on south side of farmed area.



Photo Point / Watercourse ID# RR33. Dormant channel on south side of berm on south side of farmed area.

First Solar Desert Quartzite Project Site – CDFW Stream Delineation, November 2016



Photo Point / Watercourse ID# RR34a. Dormant channel on south side of berm on south side of farmed area.



Photo Point / Watercourse ID# RR35. Dormant channel on south side of berm on south side of farmed area.

First Solar Desert Quartzite Project Site – CDFW Stream Delineation, November 2016



Photo Point 41. Desiccation mud cracks and curls found in active Watercourse ID# FP2 bordered by (in upper right of photograph) upland surface indicators (coppice dunes, deflated surfaces, and surface rounding of landform) within abandoned Watercourse ID# FP3. Desiccation mud cracks and curls absent in FP3 watercourse.



Photo Point 42. Desiccation mud cracks and curls found within active Watercourse ID# FP2 evident in photograph.

First Solar Desert Quartzite Project Site – CDFW Stream Delineation, November 2016



Photo Point 43. Western edge of Watercourse ID# FP2. Note upland surface feature- deflated surfaces and coppice dunes.



Photo Point / Watercourse ID# RR36, sand filled watercourse west side transmission line corridor.

First Solar Desert Quartzite Project Site – CDFW Stream Delineation, November 2016



Photo Point / Watercourse FP#3. Active Watercourse. Desiccation mud cracks and curls evident in photograph.



Photo Point / Watercourse ID# RR37. Abandoned channel.

First Solar Desert Quartzite Project Site – CDFW Stream Delineation, November 2016



Photo Point / Watercourse ID# RR38. Abandoned channel.



Photo Point / Watercourse ID# RR39. Abandoned channel.

First Solar Desert Quartzite Project Site – CDFW Stream Delineation, November 2016



Photo Point / Watercourse ID# RR40. Abandoned channel.



Photo Point / Watercourse ID# RR41.



Photo Point 32



Photo Point 33



Photo Point 34



Photo Point 35



Photo Point 36



Photo Point PP11 looking west.



Photo Point PP12 looking east.



Photo Point PP13 looking west; concrete structure is a utility box not a drainage culvert.



Photo Point PP14 looking east.



Photo Point PP15 looking west; dirt flood control levee on south side of road designed to protect solar farm from flooding from Pallowalla Wash.



Photo Point PP16 looking south at terminus of Pallowalla Wash where there is no bed and bank and unconfined surface water sheet flow begins which dissipates into desert soils.



Photo Point PP17 looking north; Pallowalla Wash flood control levee to west.



Photo Point PP17; Pallowalla Wash Looking east before terminus at Photo Point PP16.



Photo Point PP18 looking northeast.

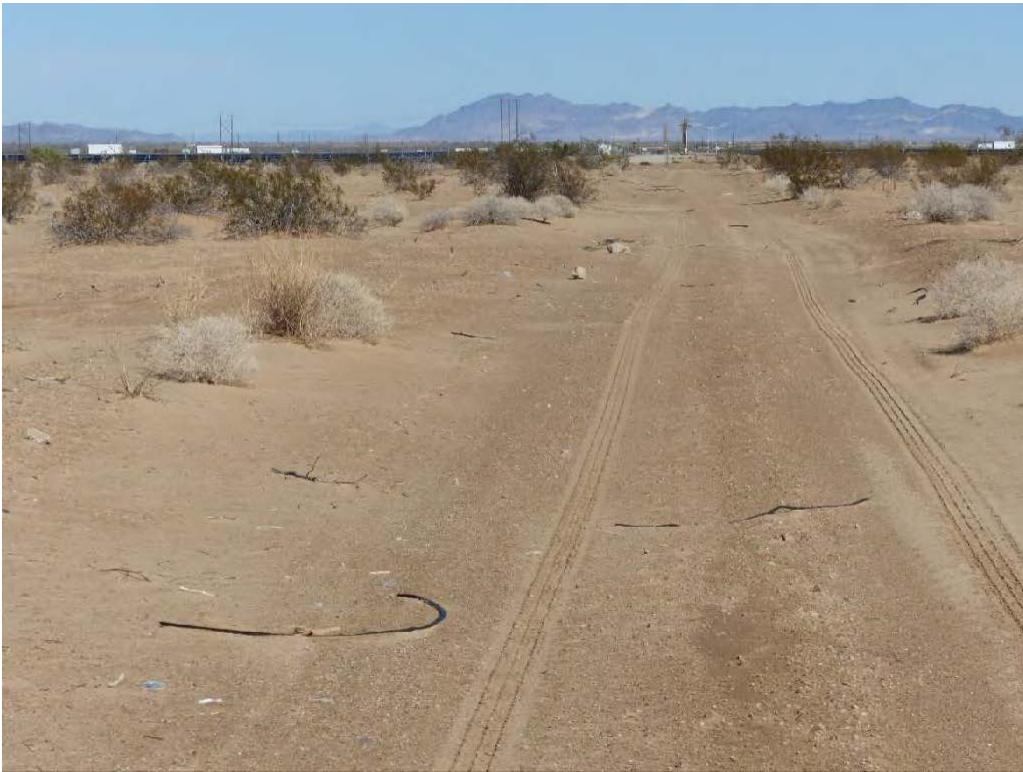


Photo Point PP19 looking north.



Photo Point PP19 looking west.



Photo Point PP20 looking south. Small drainage from the east enters road, but does not cross it.



Photo Point PP20a. Drainage at Photo Point PP20 dissipates in the road.



Photo Point PP21 looking south. Small channel entering road from the east, but does not flow across the road.



Photo Point PP22 looking north-northwest. Location is south of northern portion of solar farm project site; southern portion of project site is to the south.



Photo Point PP23 looking southwest onto project site. Note berm on project site side of road.



Photo Point PP24 looking north. Internal road in southern portion of the project site.



Photo Point PP25 looking north. Internal road in southern portion of the project site.



Photo Point PP26 looking south. Internal road in southern portion of the project site. Channel from the east drains onto but does not cross the road.



Photo Point PP27 looking north onto project site from just outside southwestern project site boundary.



Photo Point PP28 looking northwest. Location is offsite on road parallel to southwestern boundary of project site.



Photo Point PP29 looking northeast along power line route. Location is south of southern project site boundary.



Photo Point PP30 looking northeast along power line route. Location is south of southern project site boundary.



Photo Point PP31 looking northeast along power line route. Project site boundary is west-northwest of road.



Photo Point PP32 looking northeast along power line route. Project site boundary is west-northwest of road.



Photo Point PP33 (Watercourse ID# R140) looking northwest; small drainages entering road from the west.



Photo Point PP33a looking northwest toward road from drainage, which terminates in a small playa basin southeast of project site; see figure.



Photo Point PP33b looking northwest.



Photo Point PP34 looking northeast.



Photo Point PP35 looking northeast.



Photo Point PP36 looking northeast.



Photo Point PP37 (Watercourse ID# R142) looking southeast. Headwater of onsite drainage.



Photo Point PP37 (Watercourse ID# R142) looking northwest. Drainage flows to road from project site.



Photo Point PP37 looking south. Channel trending eastward.



Photo Point PP37 looking southeast. Drainage terminates in playa basin southeast of project site.



Photo Point PP38 looking southwest near property corner.



Photo Point PP39 looking northwest onto project site.



Photo Point PP40 looking northwest onto project site; sheet sand in background.



Photo Point PP41 looking northwest toward project site; sheet sand in background.



Photo Point PP42 looking west. Main portion of project site is approximately 1 – 1.25 miles to the west.



SP 1 – Looking West Near End of Palowalla Ditch, 09-16-2015.



SP2 – Looking Southeast 20 Feet Beyond the End of Palowalla Ditch, 09-16-2015.



SP3 – Looking North In Watercourse FP#1 Near End of Palowalla Ditch, 09-16-2015.



SP4 - Looking South at Edge of Watercourse FP#1 Associated With Palowalla Ditch



SP5 – Looking South Along Palowalla Ditch



SP6 – Looking South Within Palowalla Watercourse FP#1



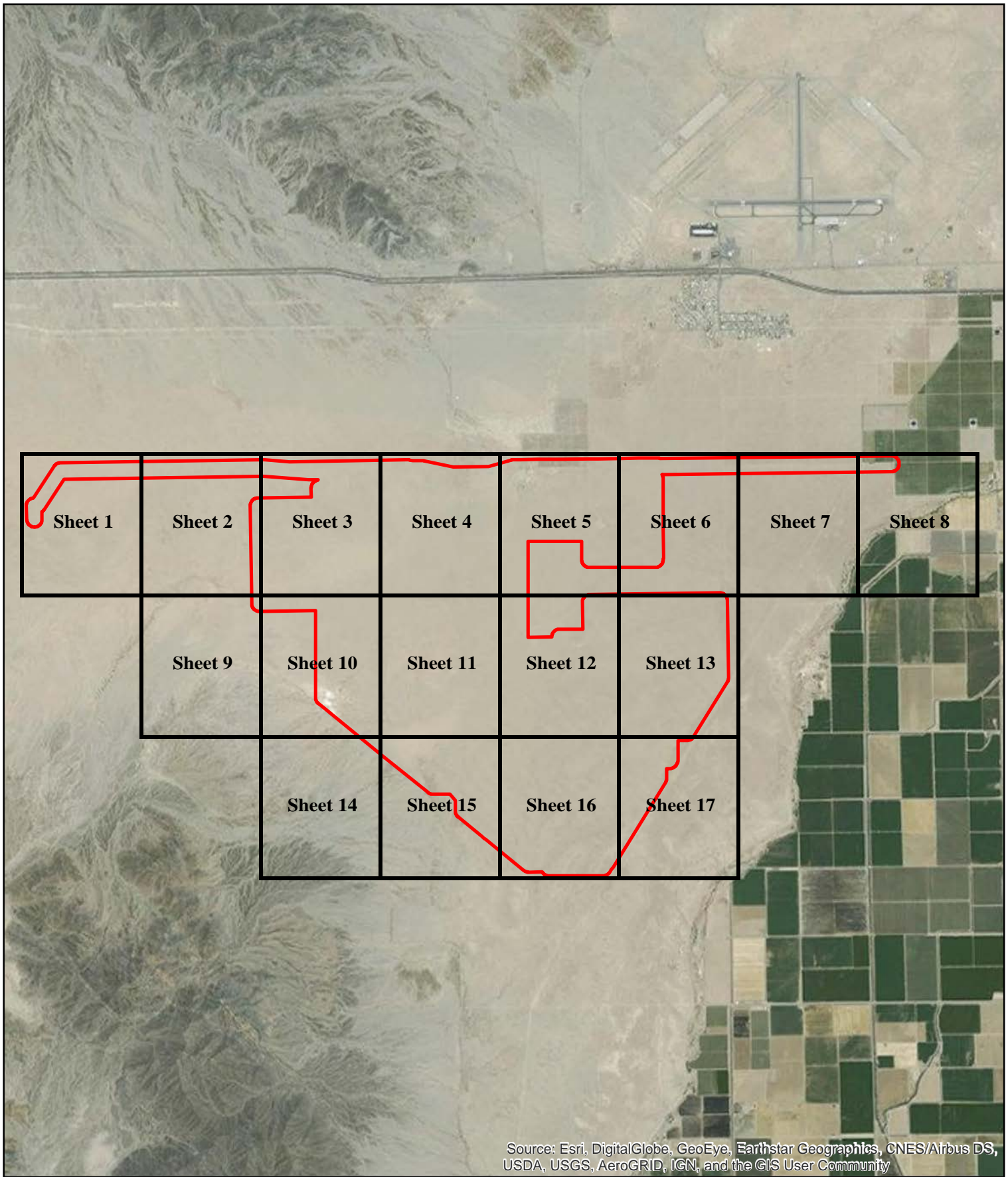
SP7 – Looking Southeast within Watercourse FP#1



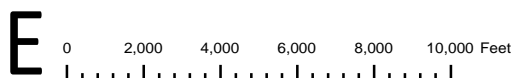
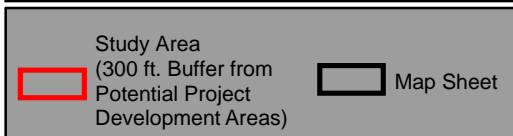
SP8 – Looking Southeast Within Palowalla Watercourse FP#1

Appendix E2

Photopoint Location Map



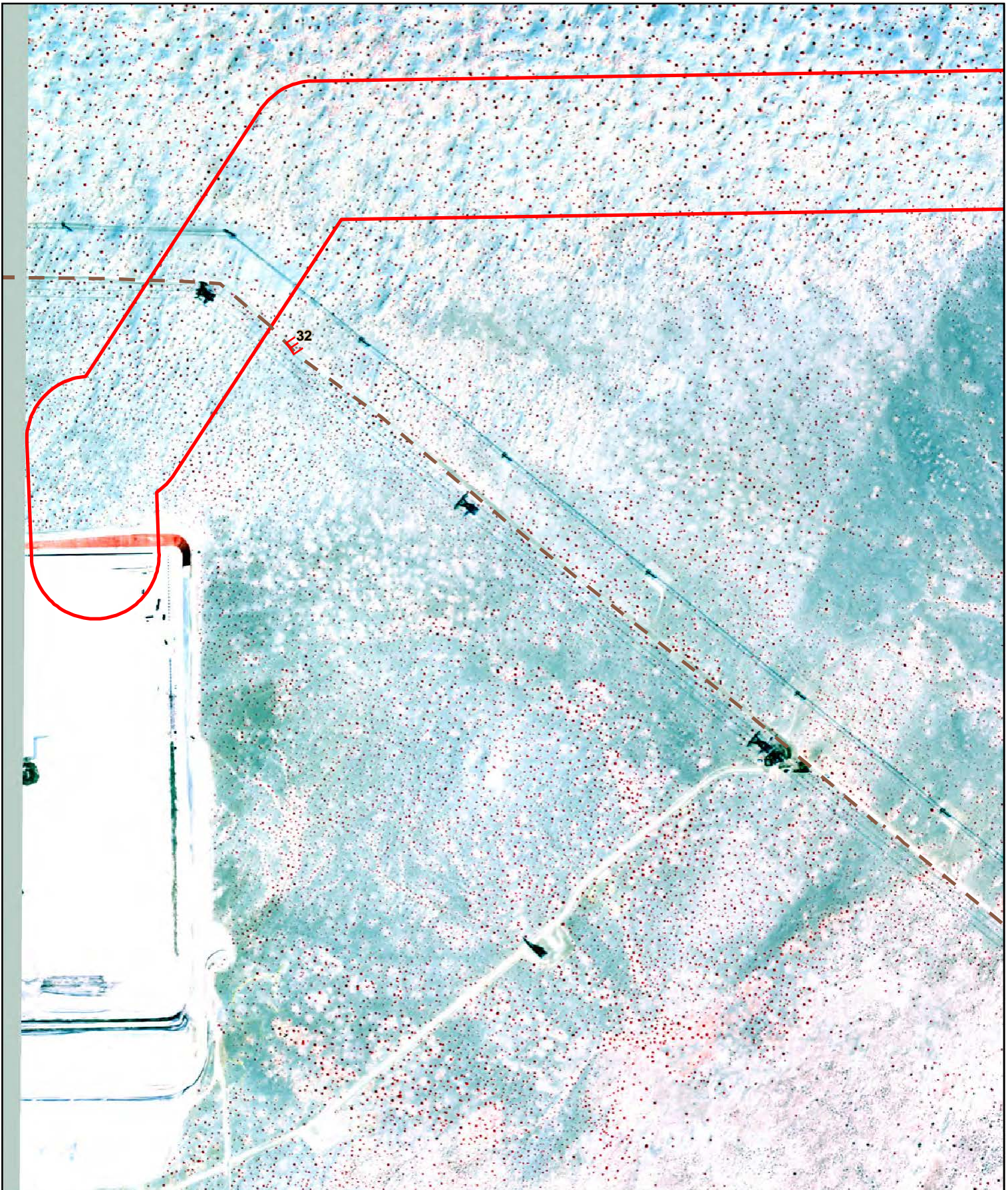
Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community



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ENVIRONMENTAL REGULATORY CONSULTANTS

Appendix E. Representative Photo Point Locations, Index Map

Desert Quartzite LLC Solar Farm Project,
Town of Blythe, Riverside County, California



Aerial Photography: NAIP 2012

Huffman-Broadway Group, Inc.
ENVIRONMENTAL REGULATORY CONSULTANTS

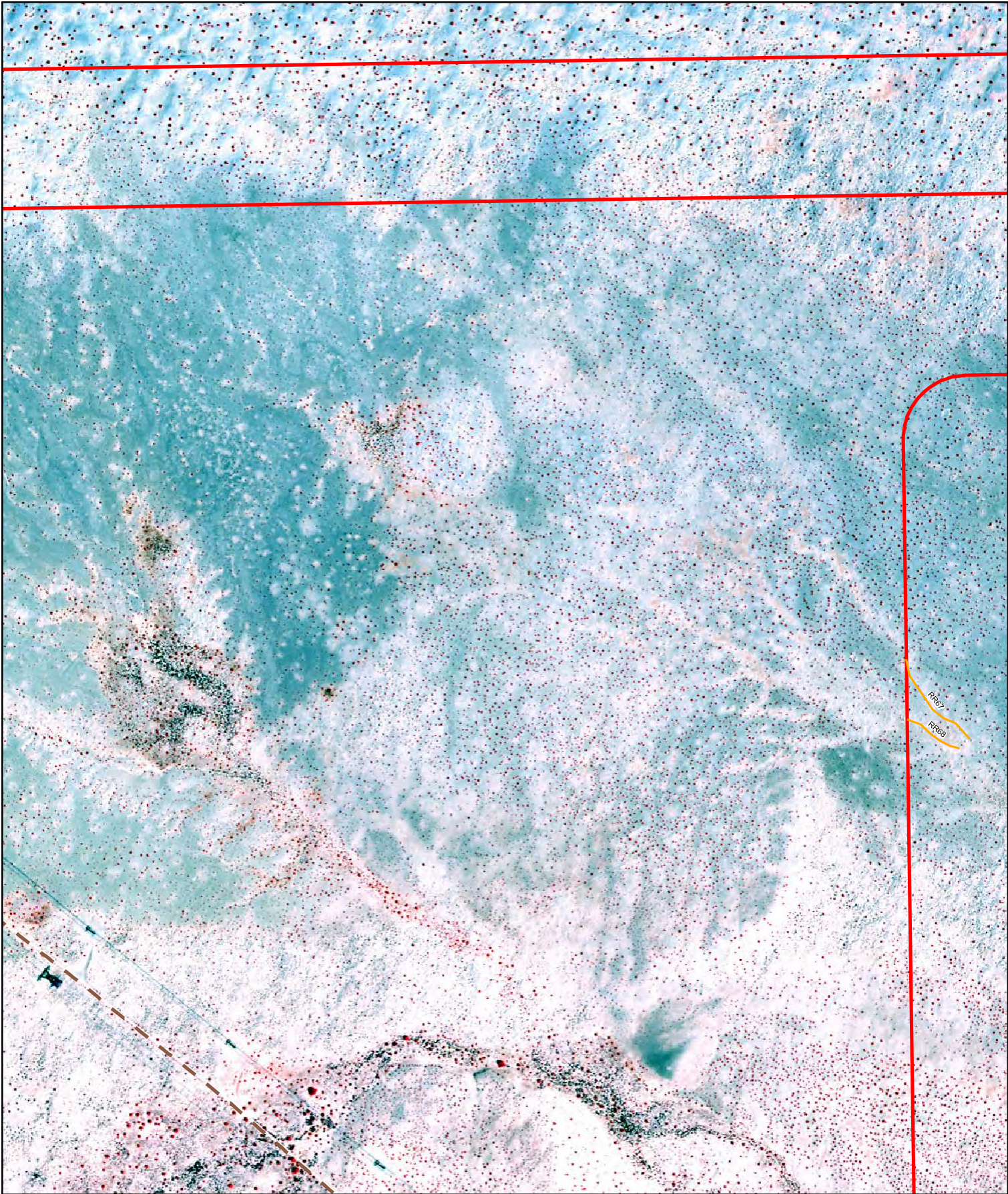
E

0 100 200 300 400 500 600 700 Feet

E

Appendix E. Representative Photo Point Locations, Sheet 1

Desert Quartzite LLC Solar Farm Project, Town of Blythe, Riverside County, California



Aerial Photography: NAIP 2012

Huffman-Broadway Group, Inc.
ENVIRONMENTAL REGULATORY CONSULTANTS

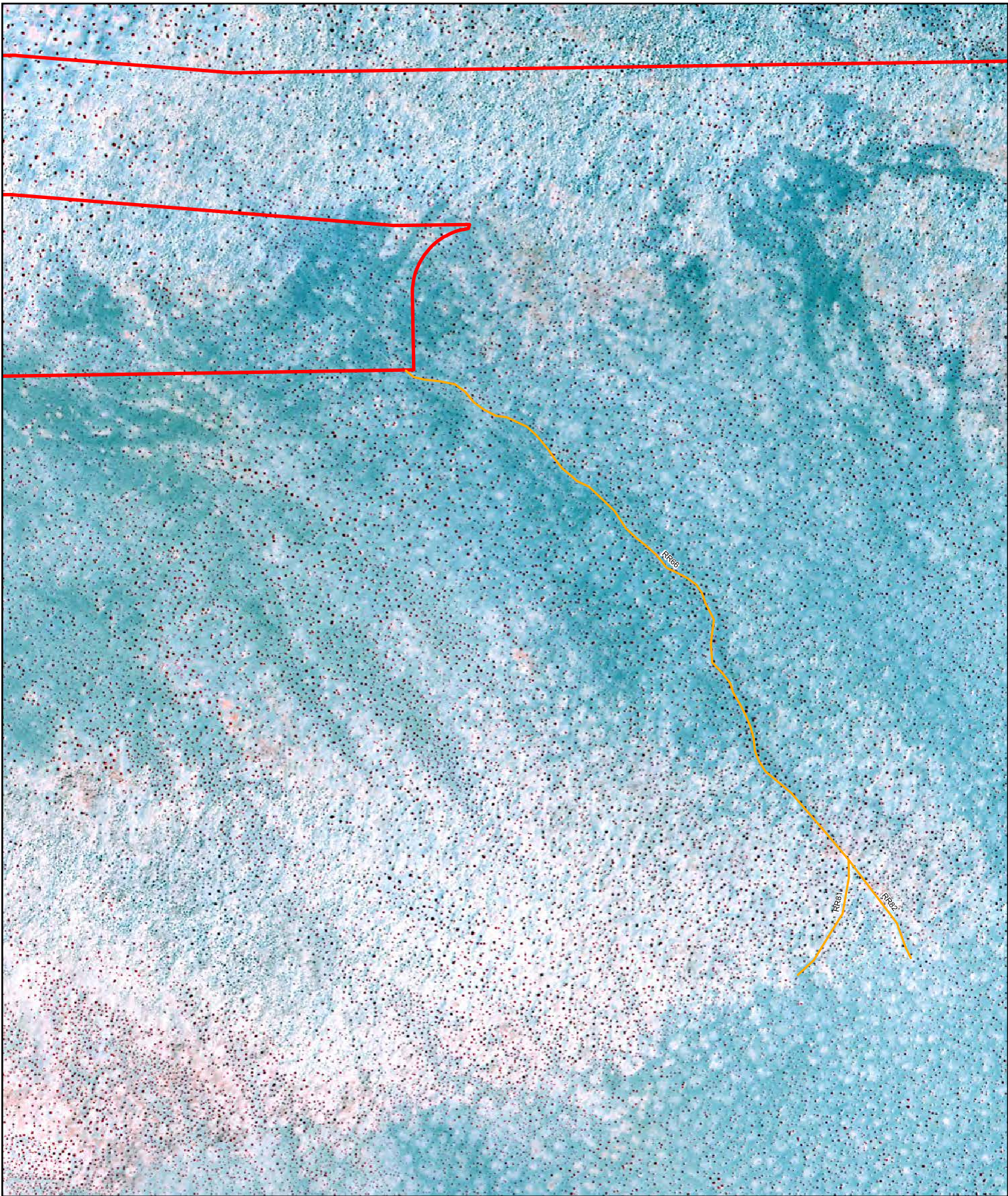
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Appendix E. Representative Photo Point Locations, Sheet 2

Desert Quartzite LLC Solar Farm Project, Town of Blythe, Riverside County, California



Aerial Photography: NAIP 2012

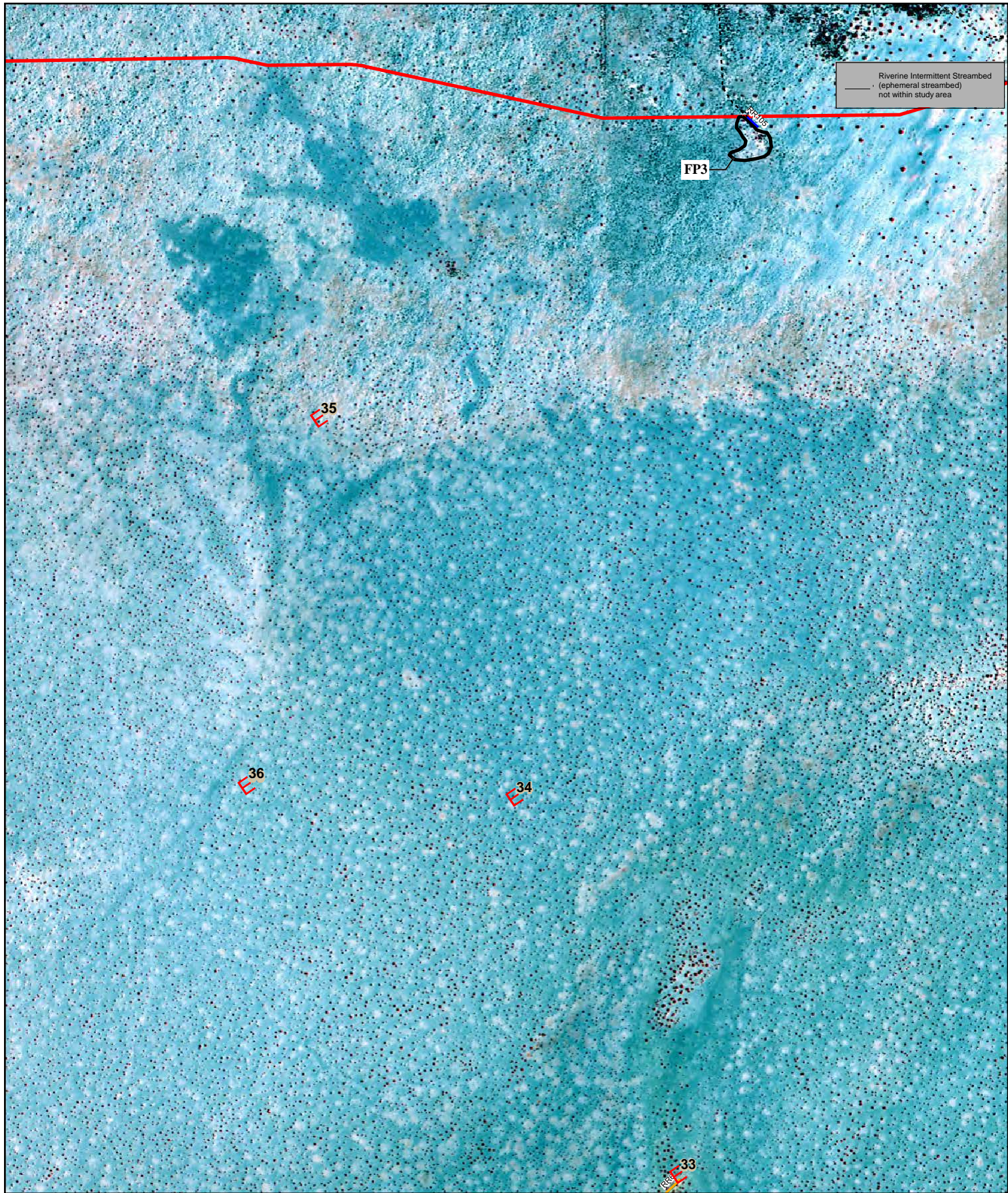
Huffman-Broadway Group, Inc.
ENVIRONMENTAL REGULATORY CONSULTANTS

E

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Appendix E. Representative Photo Point Locations, Sheet 3

Desert Quartzite LLC Solar Farm Project, Town of Blythe, Riverside County, California



Riverine Intermittent Streambed
(ephemeral streambed)
not within study area

FP3

E35

E36

E34

E33



Aerial Photography: NAIP 2012

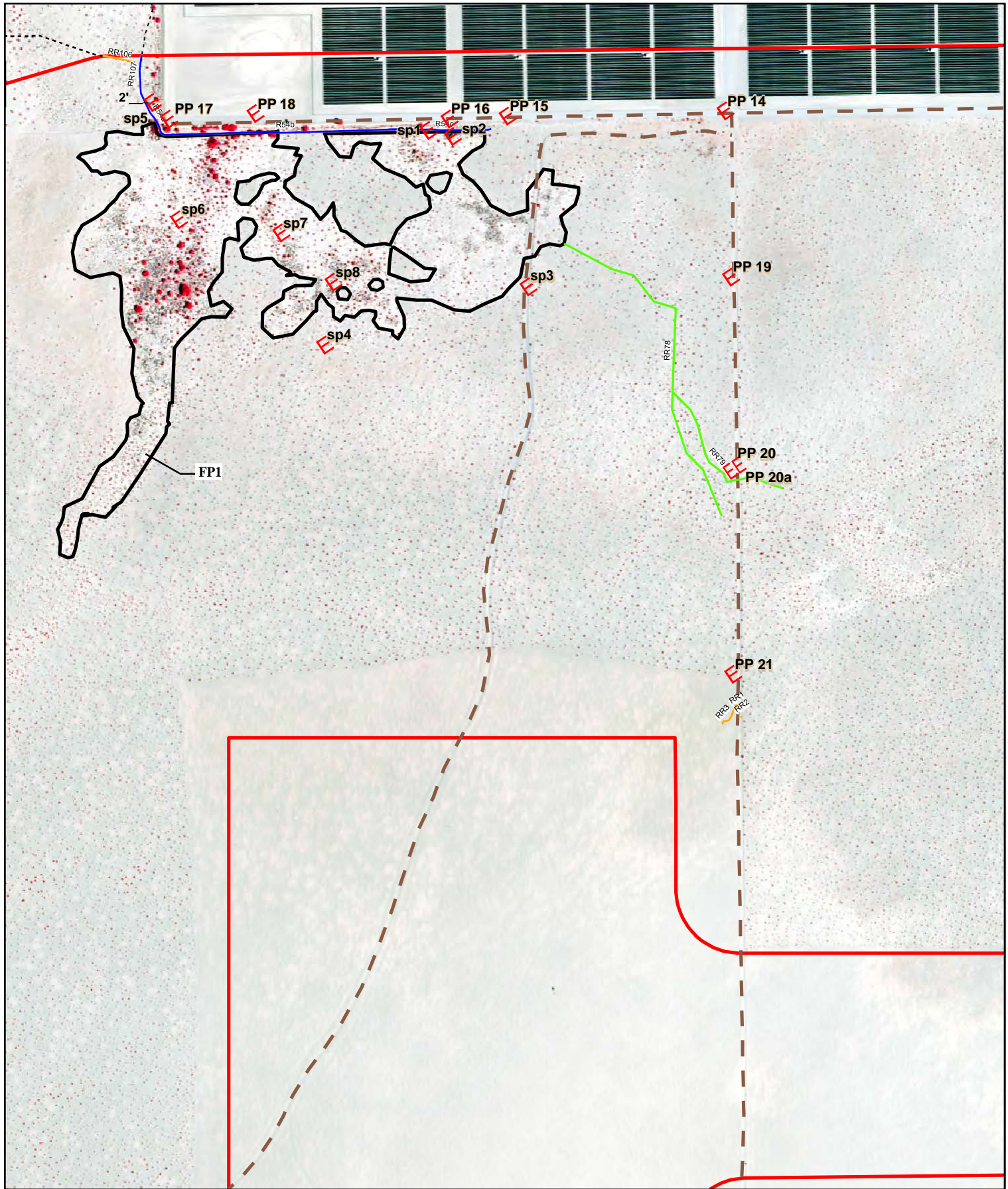
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Huffman-Broadway Group, Inc.
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0 100 200 300 400 500 600 700 Feet

Appendix E. Representative Photo Point Locations, Sheet 4

Desert Quartzite LLC Solar Farm Project, Town of Blythe, Riverside County, California



| | | |
|---|---|---|
| Study Area (300 ft. Buffer from Potential Project Development Areas) Dirt Roadway (intercepts surface water flow) Earthen Levee Photo Point Location | <u>Areas Potentially Subject to CDFW Regulation</u> Active Channel Dormant Channel Watercourse (Active) | <u>Areas Potentially Not Subject to CDFW Regulation</u> Abandoned Channel (Hydrologically Disconnected) |
|---|---|---|

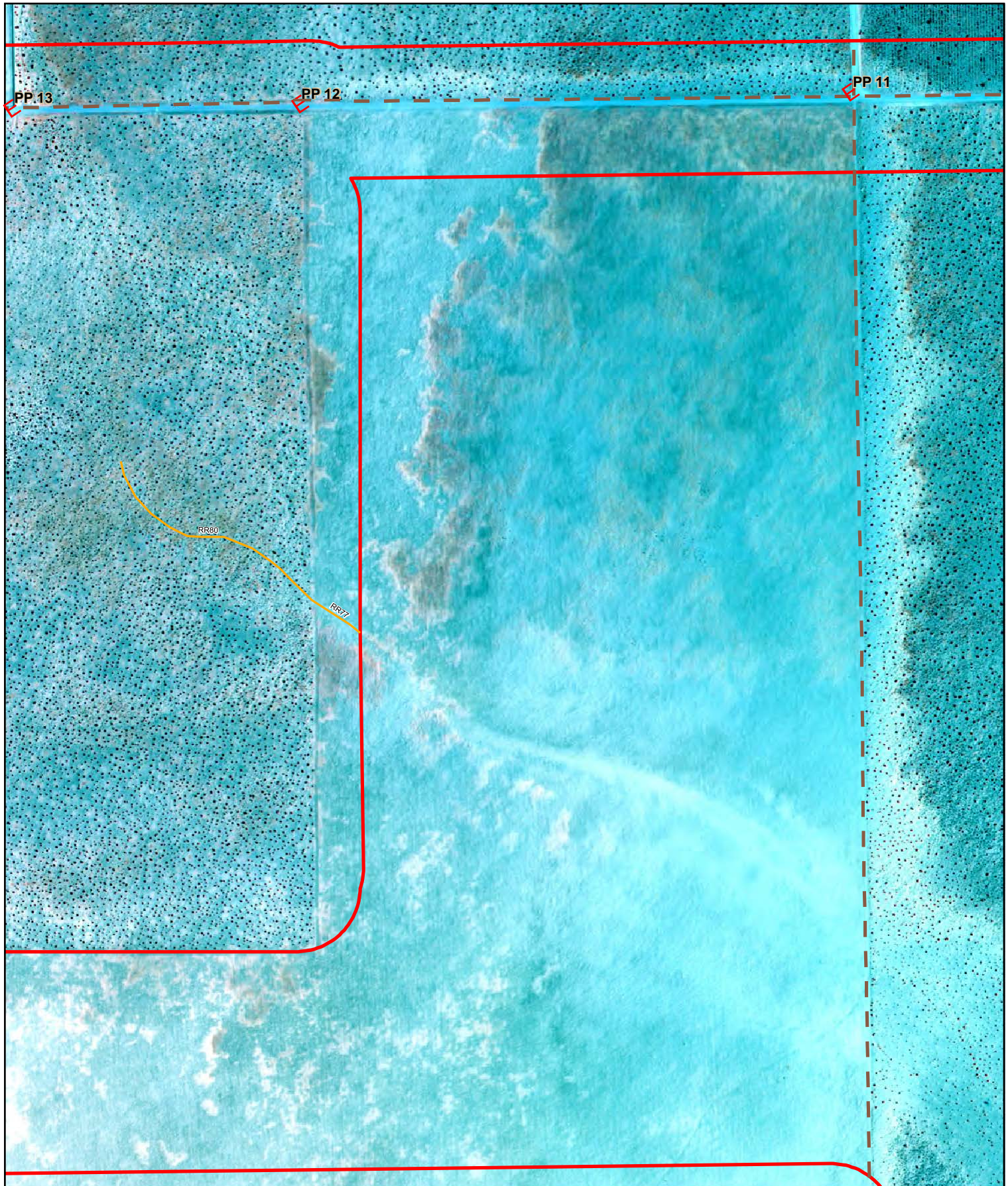
Aerial Photography: NAIP 2012

Huffman-Broadway Group, Inc.

ENVIRONMENTAL REGULATORY CONSULTANTS

0 100 200 300 400 500 600 700 Feet

Appendix E. Representative Photo Point Locations, Sheet 5
 Desert Quartzite LLC Solar Farm Project, Town of Blythe, Riverside County, California



- Study Area (300 ft. Buffer from Potential Project Development Areas)
- Dirt Roadway (intercepts surface water flow)
- Earthen Levee
- E³² Photo Point Location

- Areas Potentially Subject to CDFW Regulation**
- Active Channel
 - Dormant Channel
 - Watercourse (Active)

- Areas Potentially Not Subject to CDFW Regulation**
- Abandoned Channel (Hydrologically Disconnected)

E

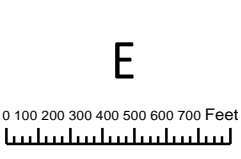
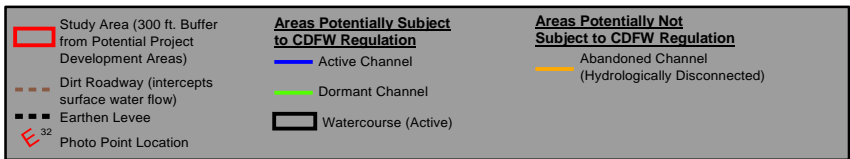
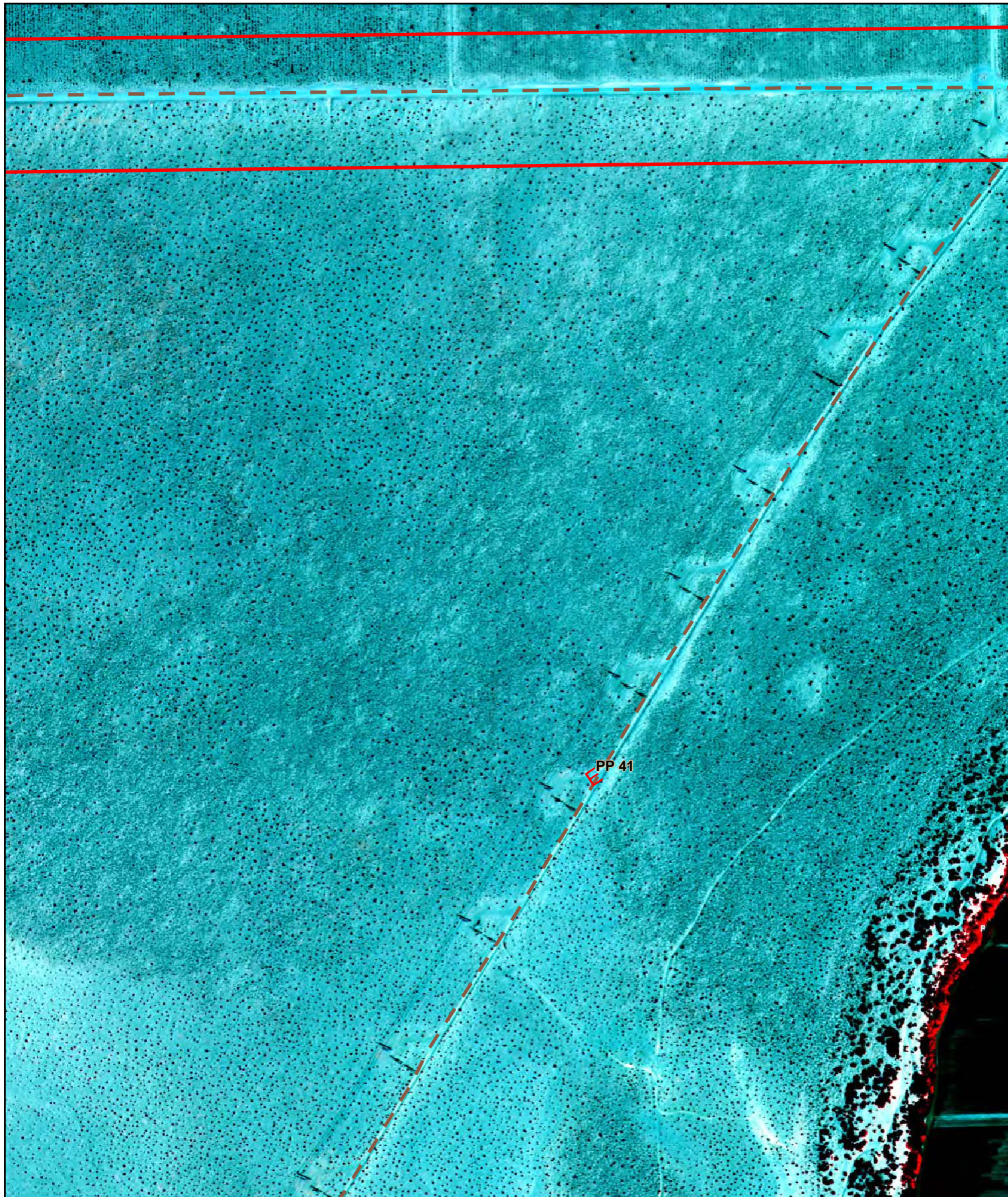
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Aerial Photography: NAIP 2012

Huffman-Broadway Group, Inc.
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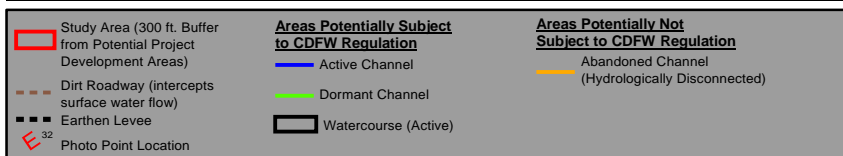
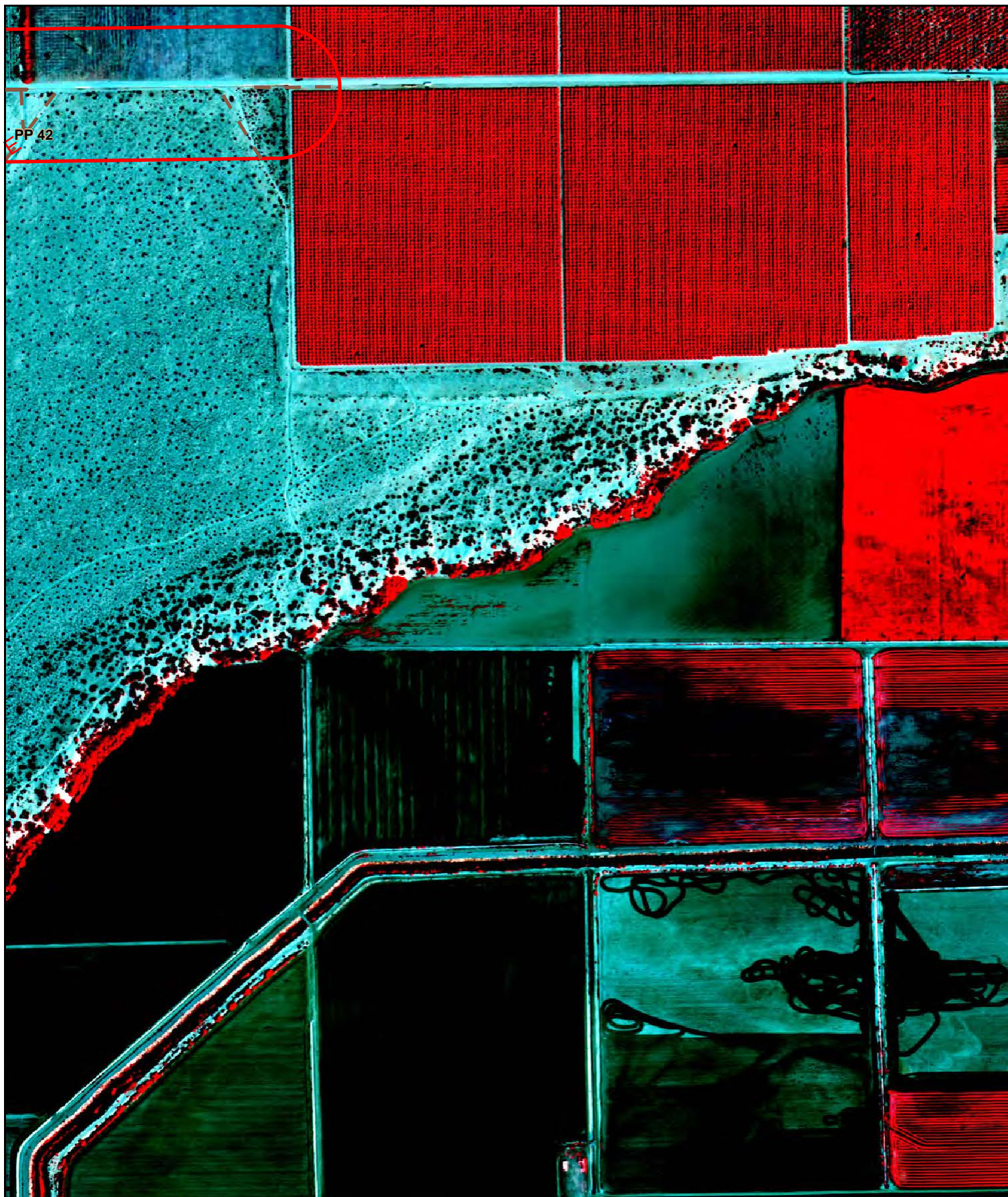
Appendix E. Representative Photo Point Locations, Sheet 6

Desert Quartzite LLC Solar Farm Project, Town of Blythe, Riverside County, California



Aerial Photography: NAIP 2012
Huffman-Broadway Group, Inc.
 ENVIRONMENTAL REGULATORY CONSULTANTS

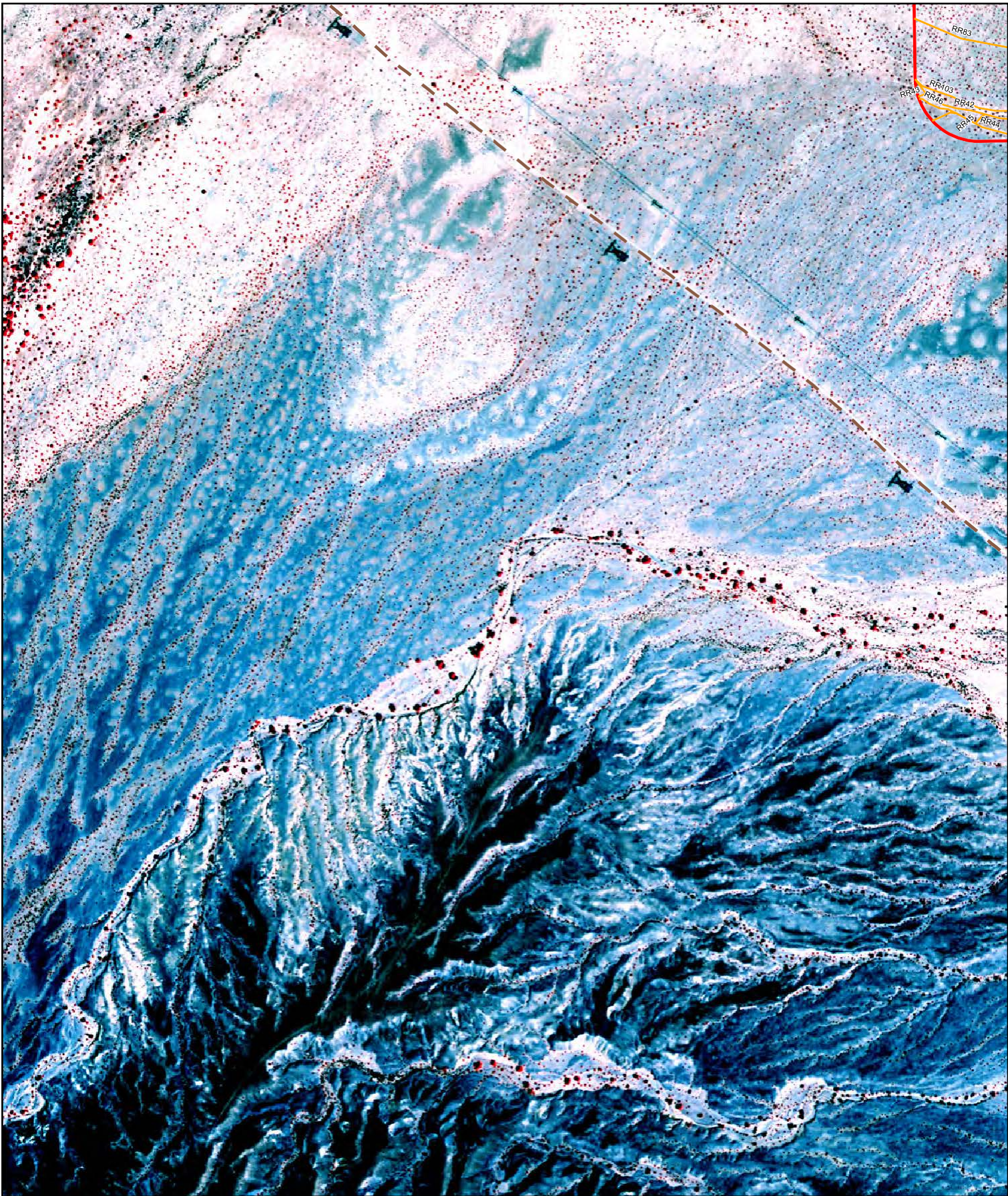
Appendix E. Representative Photo Point Locations, Sheet 7
 Desert Quartzite LLC Solar Farm Project, Town of Blythe, Riverside County, California



Aerial Photography: NAIP 2012
Huffman-Broadway Group, Inc.
 ENVIRONMENTAL REGULATORY CONSULTANTS

Appendix E. Representative Photo Point Locations, Sheet 8

Desert Quartzite LLC Solar Farm Project, Town of Blythe, Riverside County, California



Aerial Photography: NAIP 2012

Huffman-Broadway Group, Inc.
ENVIRONMENTAL REGULATORY CONSULTANTS

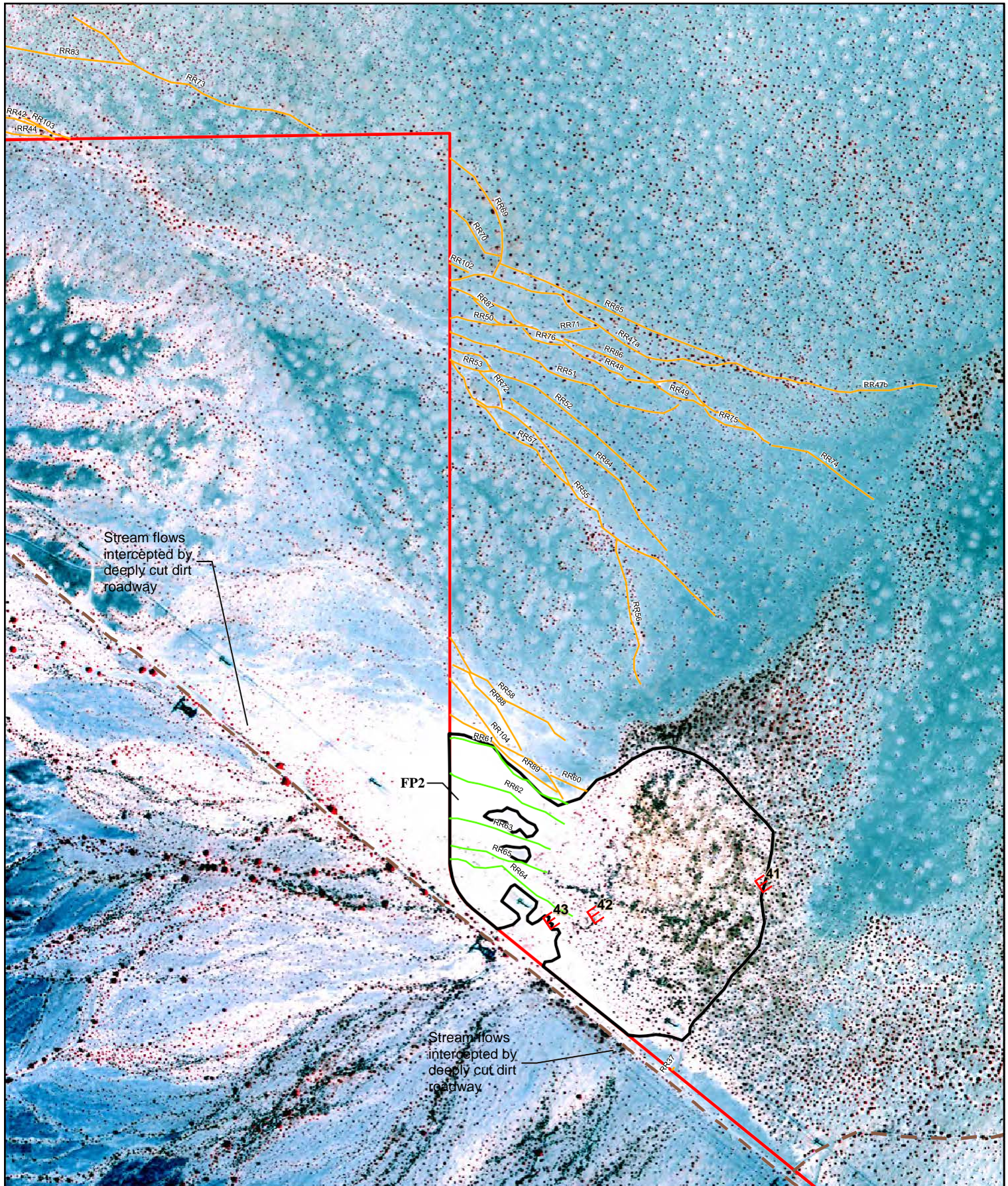
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Appendix E. Representative Photo Point Locations, Sheet 9

Desert Quartzite LLC Solar Farm Project, Town of Blythe, Riverside County, California



Aerial Photography: NAIP 2012

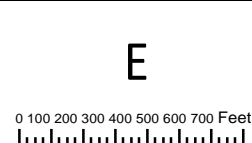
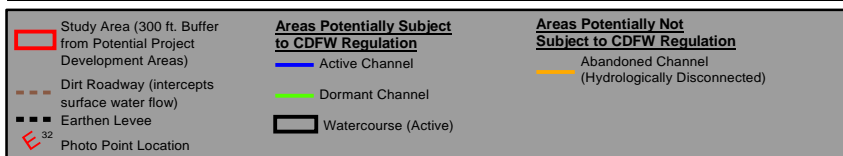
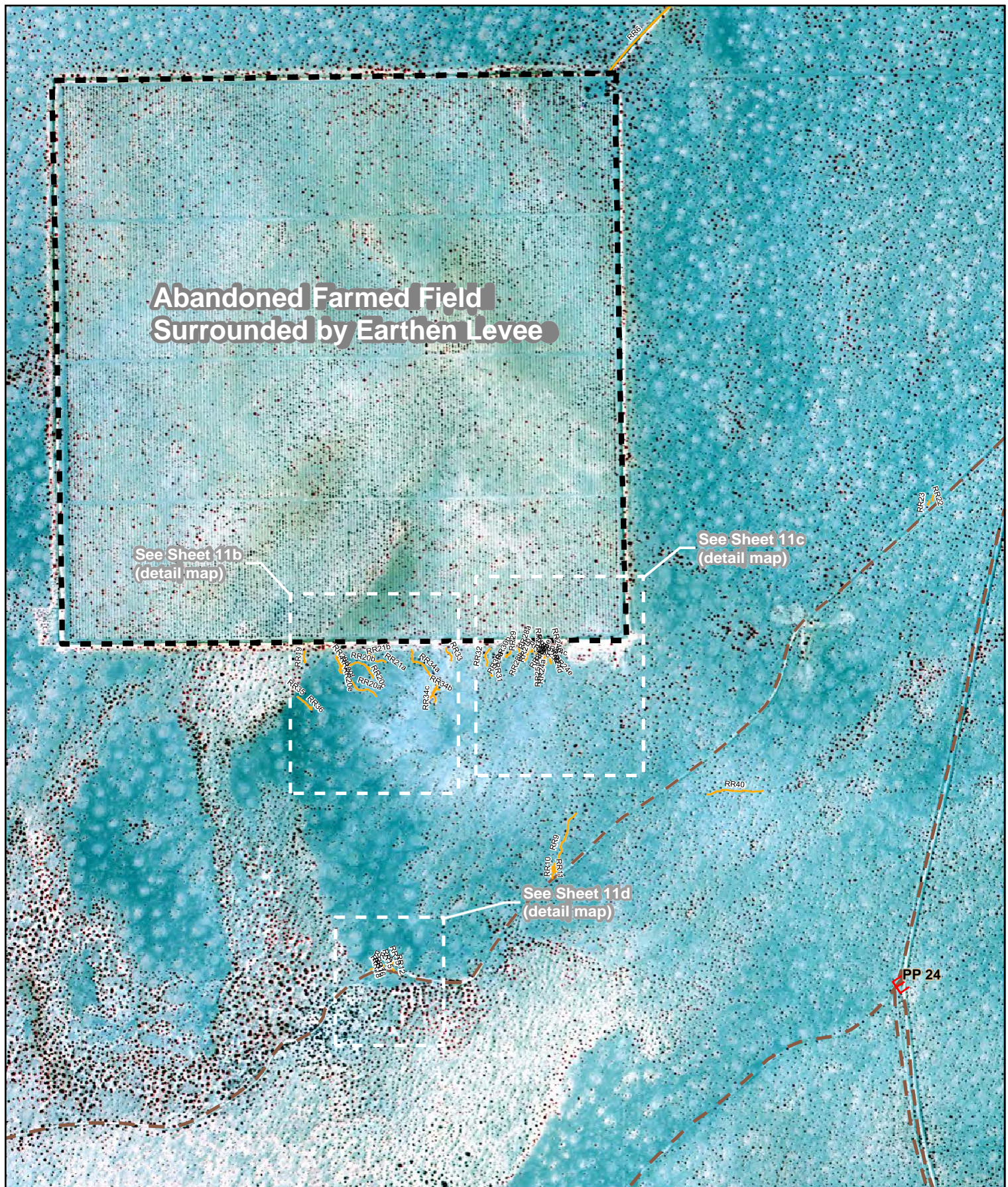
Huffman-Broadway Group, Inc.
ENVIRONMENTAL REGULATORY CONSULTANTS

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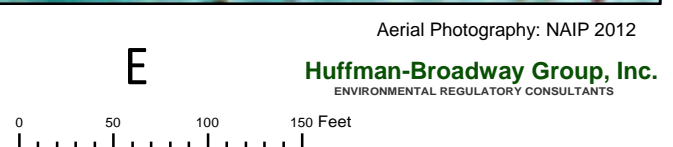
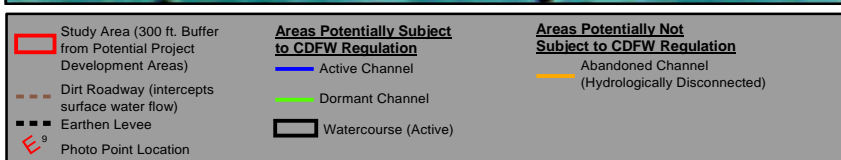
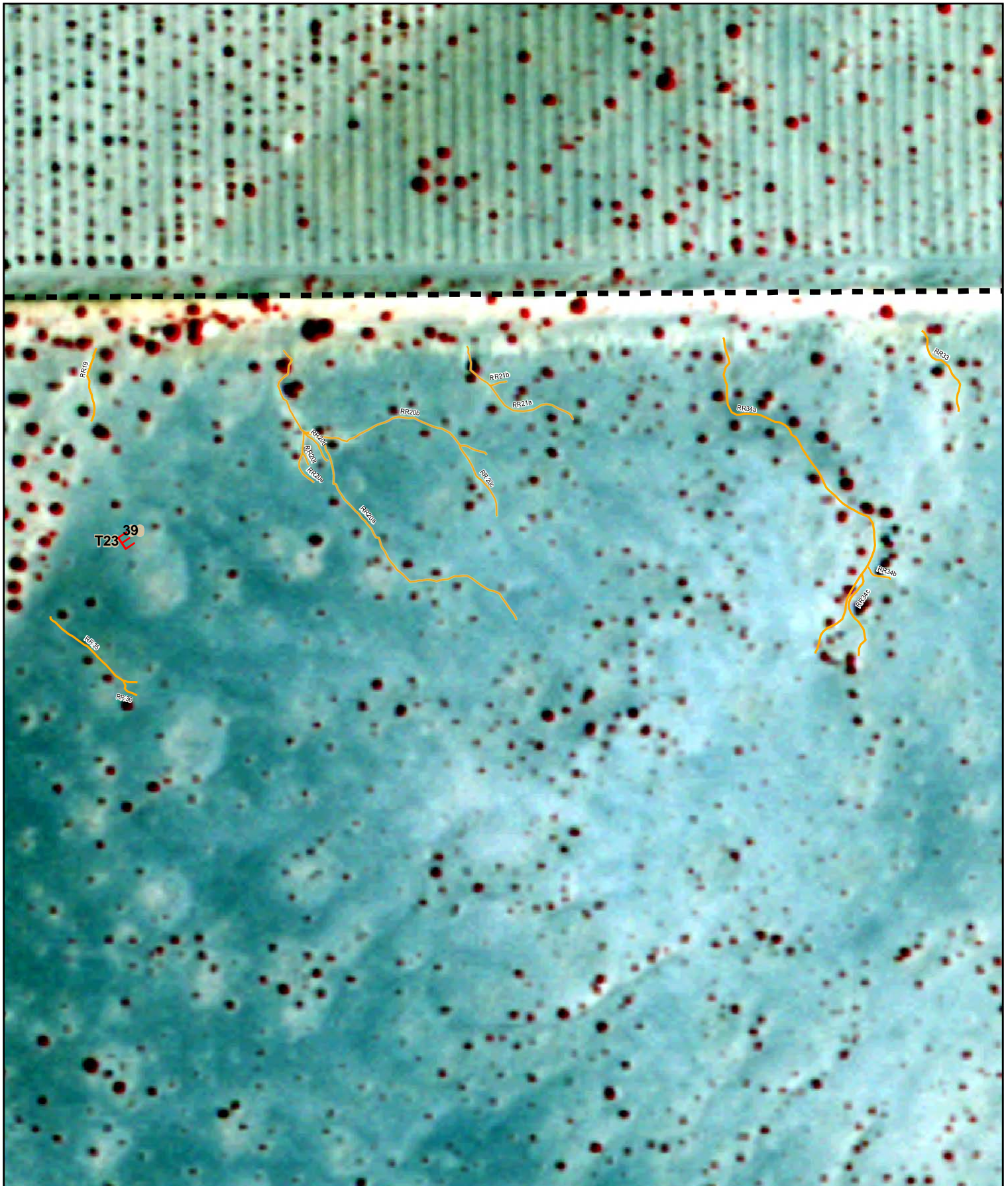
Appendix E. Representative Photo Point Locations, Sheet 10

Desert Quartzite LLC Solar Farm Project, Town of Blythe, Riverside County, California

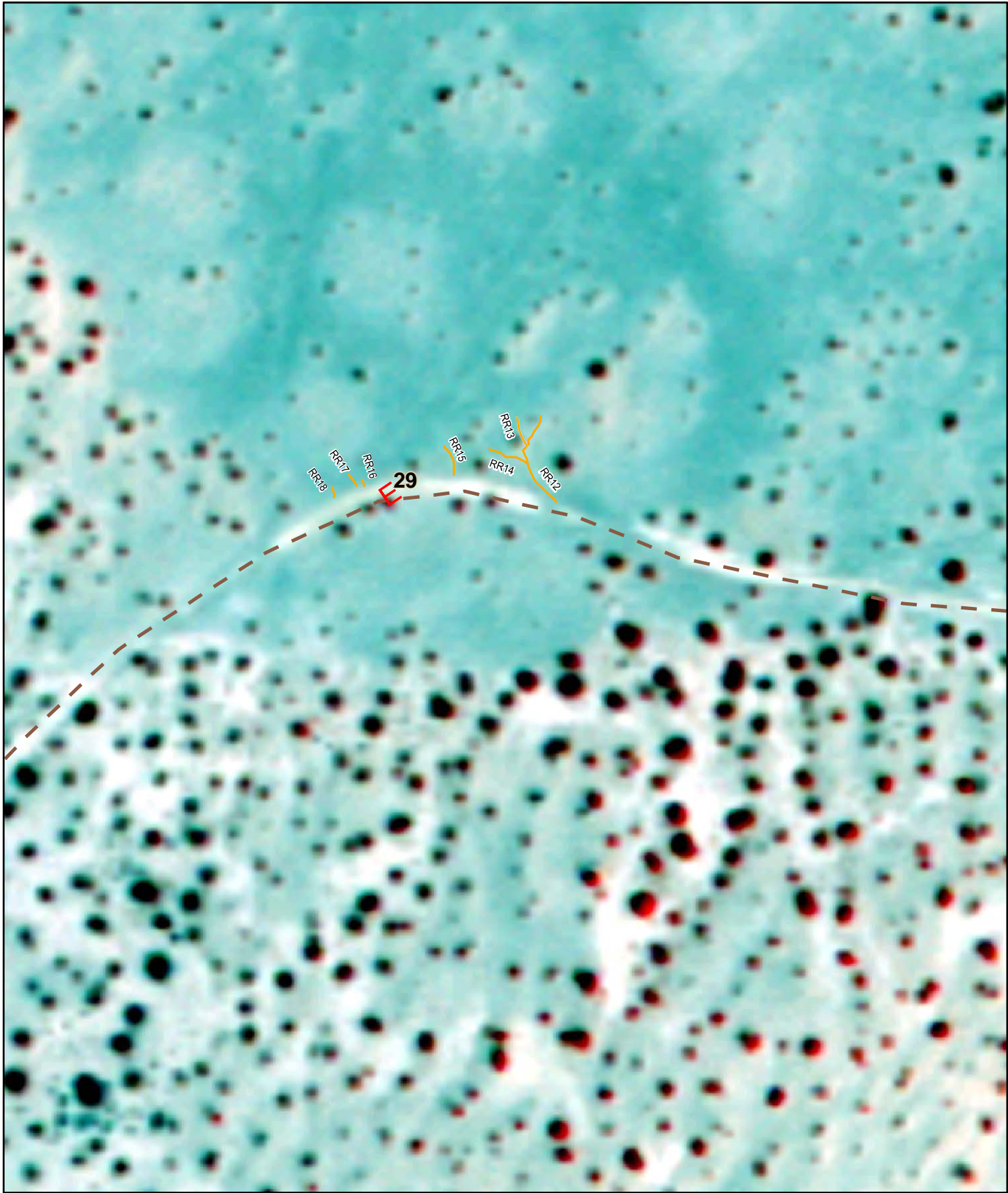


Aerial Photography: NAIP 2012

Huffman-Broadway Group, Inc.
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Appendix E. Representative Photo Point Locations, Sheet 11b
Desert Quartzite LLC Solar Farm Project, Town of Blythe, Riverside County, California



Study Area (300 ft. Buffer from Potential Project Development Areas)

Dirt Roadway (intercepts surface water flow)

Earthen Levee

Areas Potentially Subject to CDFW Regulation

Active Channel

Dormant Channel

Watercourse (Active)

Areas Potentially Not Subject to CDFW Regulation

Abandoned Channel (Hydrologically Disconnected)

E

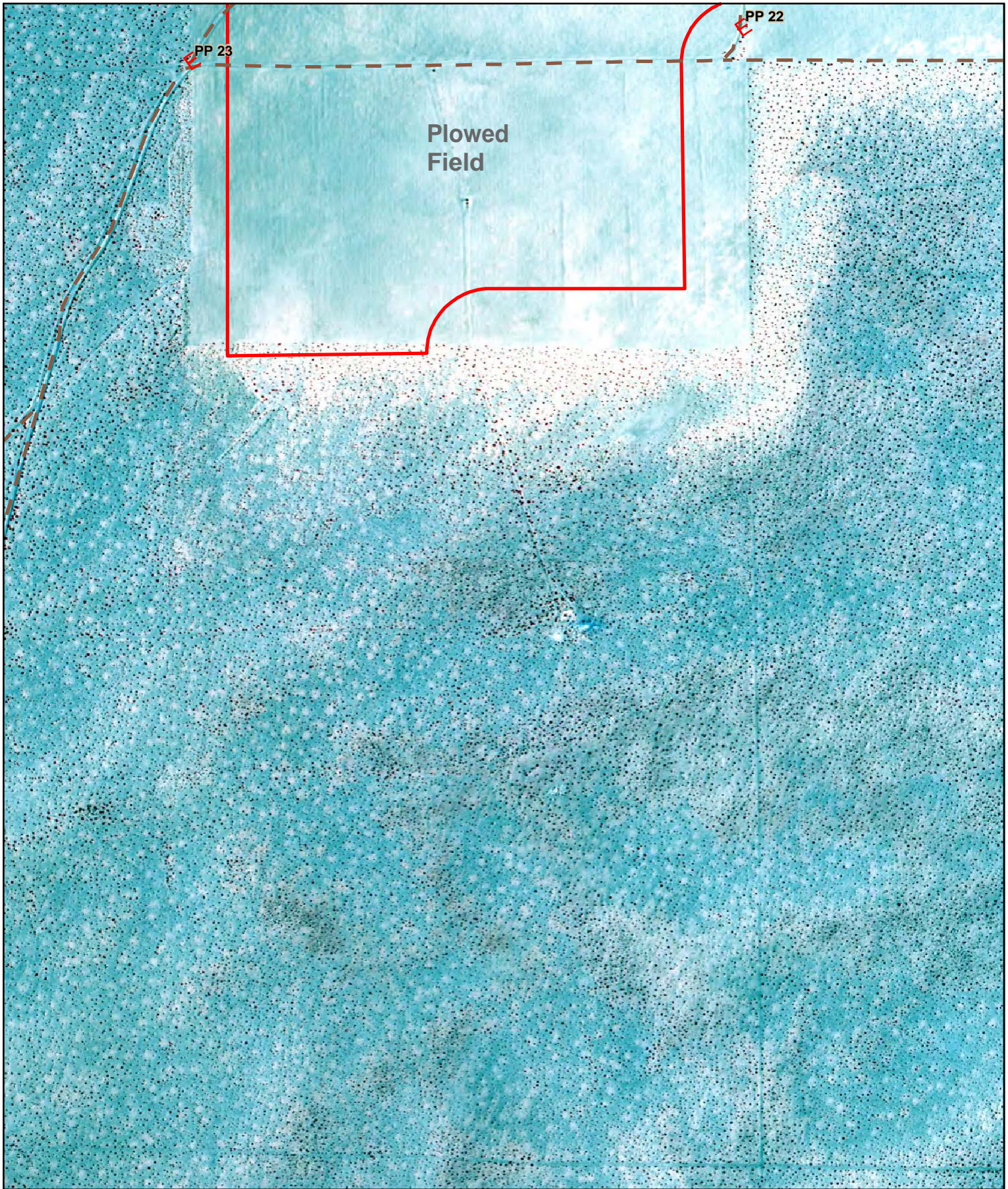
0 25 50 75 Feet

Aerial Photography: NAIP 2012

Huffman-Broadway Group, Inc.

ENVIRONMENTAL REGULATORY CONSULTANTS

Appendix E. Representative Photo Point Locations, Sheet 11d
 Desert Quartzite LLC Solar Farm Project, Town of Blythe, Riverside County, California



Aerial Photography: NAIP 2012

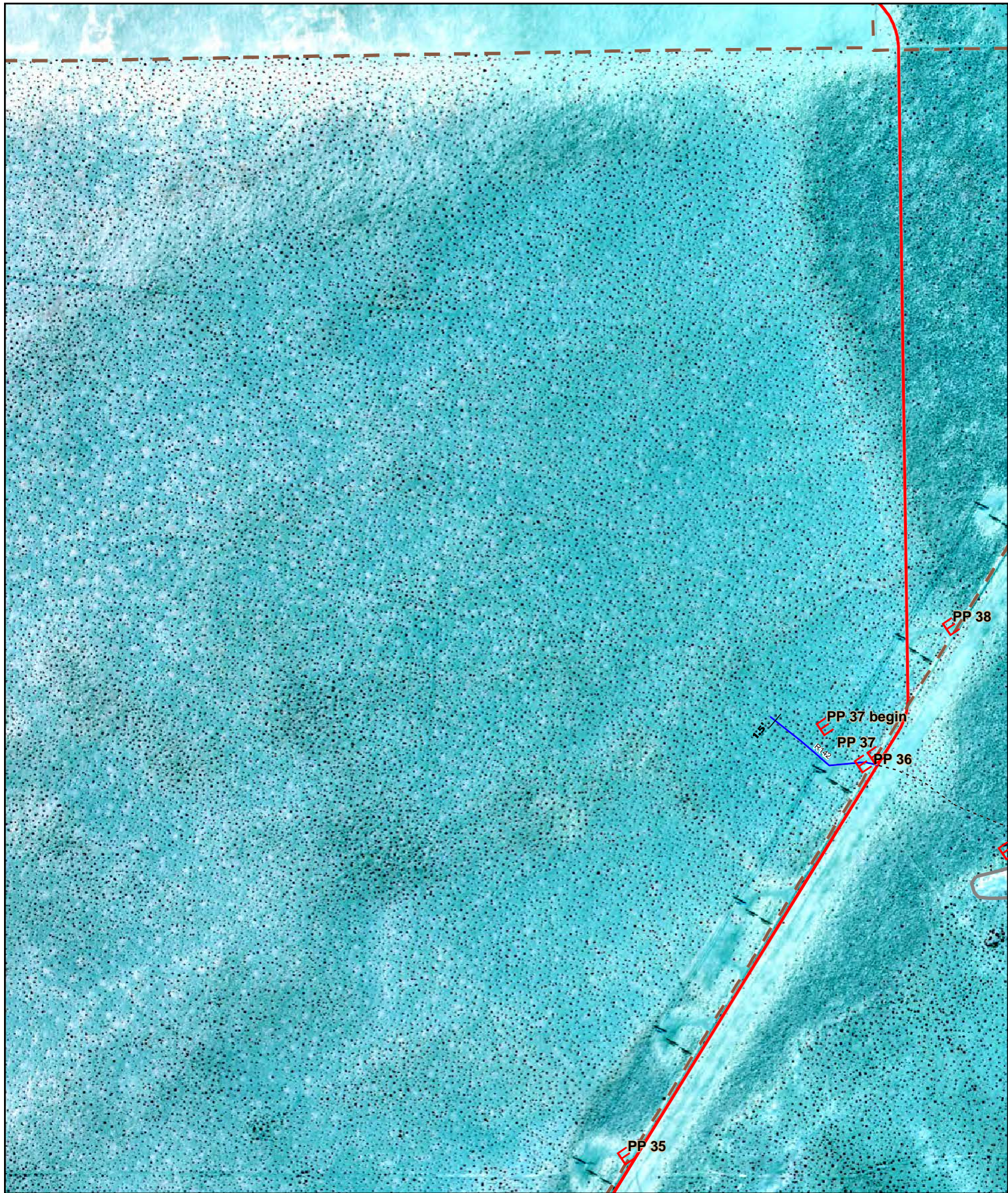
Huffman-Broadway Group, Inc.
ENVIRONMENTAL REGULATORY CONSULTANTS

E

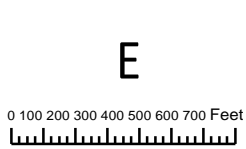
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Appendix E. Representative Photo Point Locations, Sheet 12

Desert Quartzite LLC Solar Farm Project, Town of Blythe, Riverside County, California



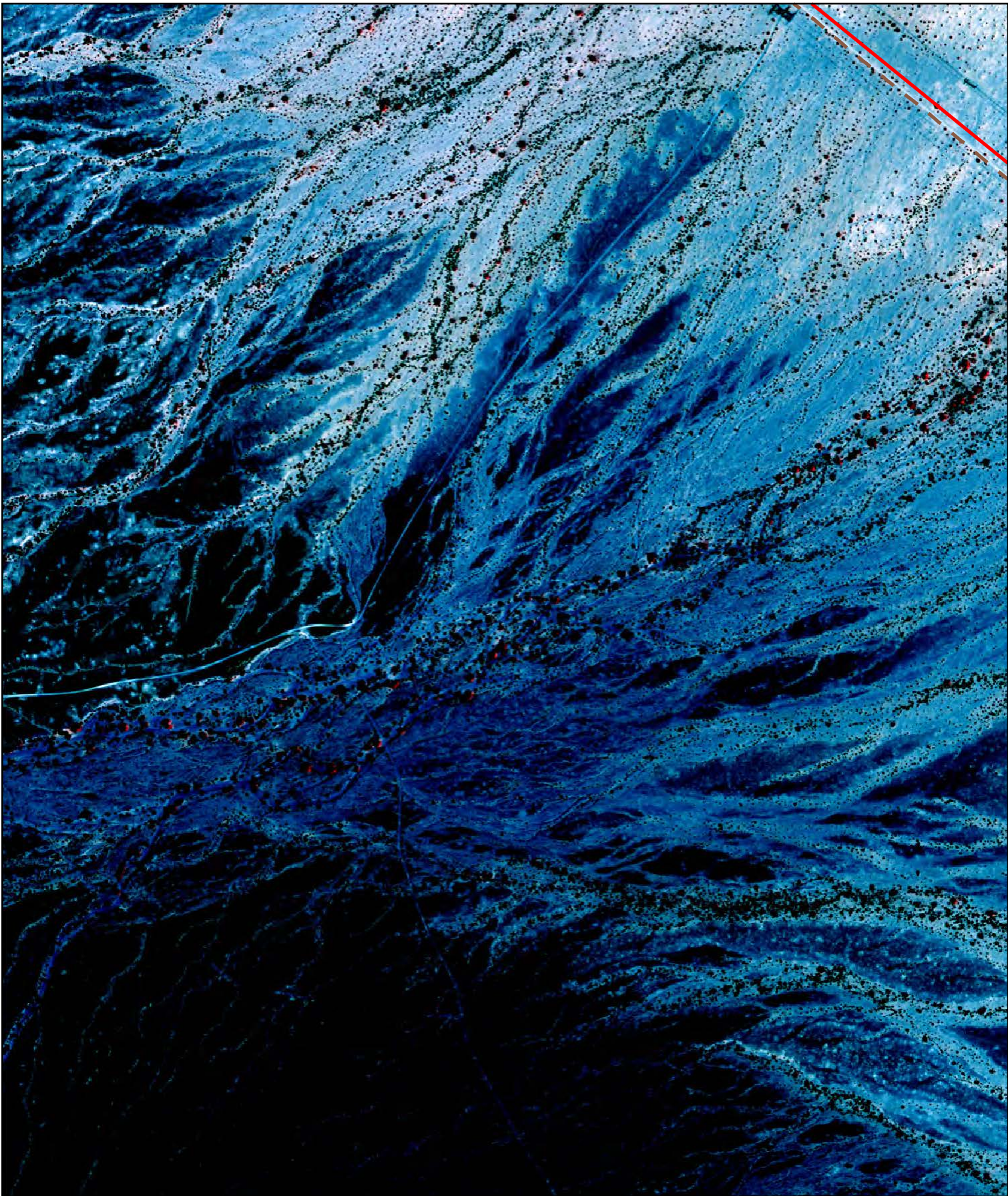
| | | |
|---|---|---|
| Study Area (300 ft. Buffer from Potential Project Development Areas) Dirt Roadway (intercepts surface water flow) Earthen Levee Photo Point Location | <u>Areas Potentially Subject to CDFW Regulation</u> Active Channel Dormant Channel Watercourse (Active) | <u>Areas Potentially Not Subject to CDFW Regulation</u> Abandoned Channel (Hydrologically Disconnected) |
|---|---|---|



Aerial Photography: NAIP 2012

Huffman-Broadway Group, Inc.
 ENVIRONMENTAL REGULATORY CONSULTANTS

Appendix E. Representative Photo Point Locations, Sheet 13
 Desert Quartzite LLC Solar Farm Project, Town of Blythe, Riverside County, California



Aerial Photography: NAIP 2012

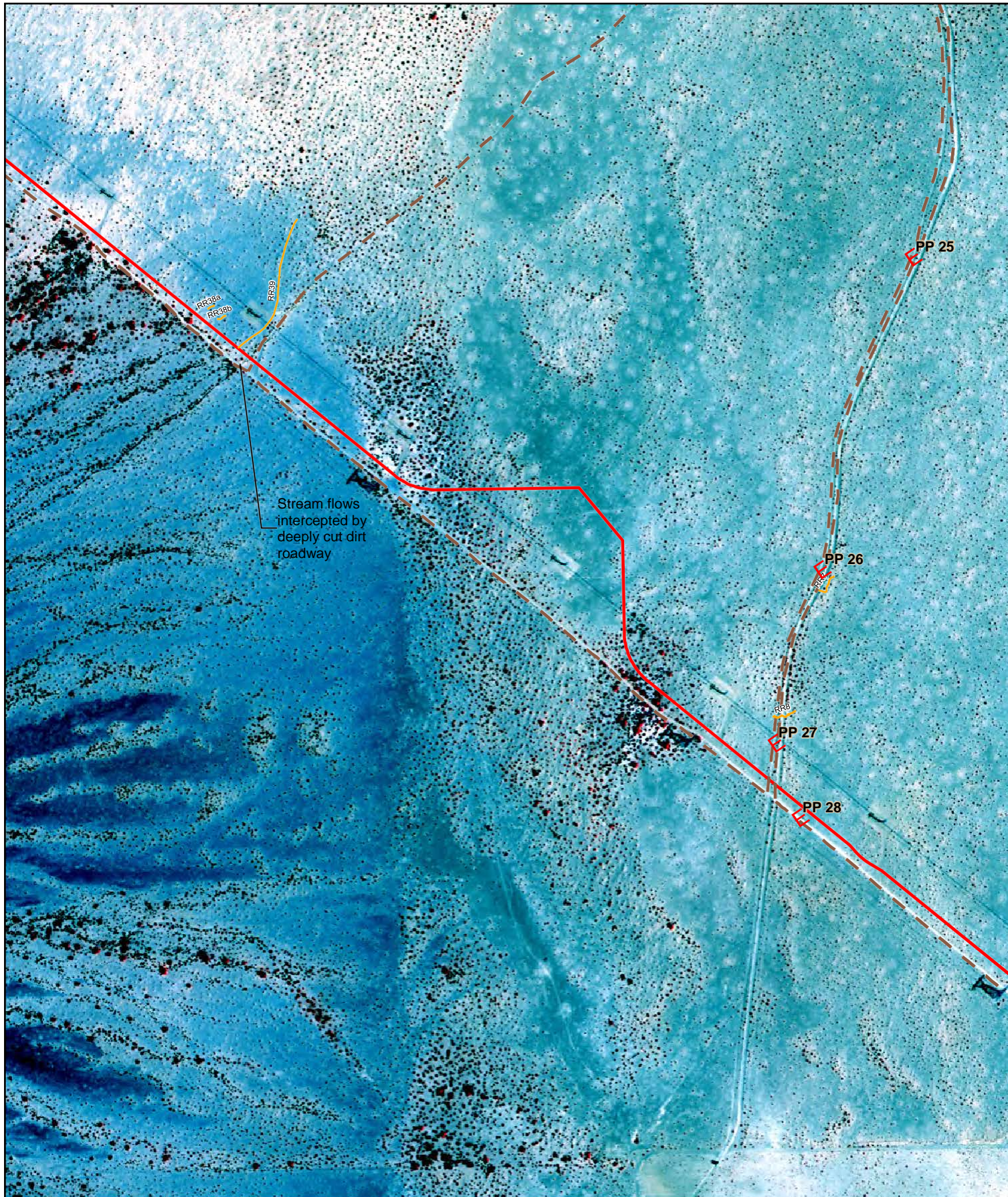
Huffman-Broadway Group, Inc.
ENVIRONMENTAL REGULATORY CONSULTANTS

E

0 100 200 300 400 500 600 700 Feet

Appendix E. Representative Photo Point Locations, Sheet 14

Desert Quartzite LLC Solar Farm Project, Town of Blythe, Riverside County, California

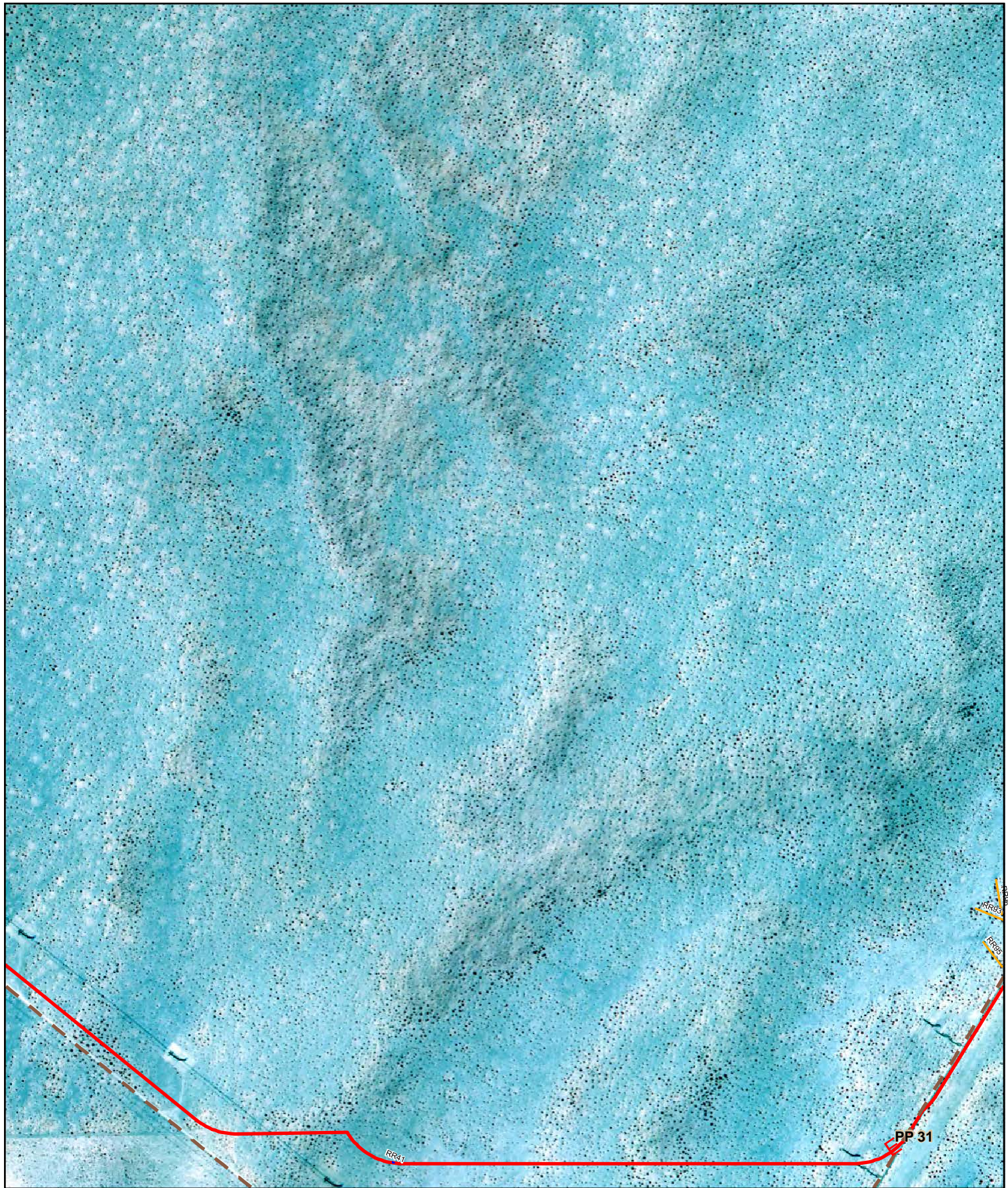


Aerial Photography: NAIP 2012

Huffman-Broadway Group, Inc.
ENVIRONMENTAL REGULATORY CONSULTANTS

Appendix E. Representative Photo Point Locations, Sheet 15

Desert Quartzite LLC Solar Farm Project, Town of Blythe, Riverside County, California



- Study Area (300 ft. Buffer from Potential Project Development Areas)
- Dirt Roadway (intercepts surface water flow)
- Earthen Levee
- E₃₂ Photo Point Location

- Areas Potentially Subject to CDFW Regulation**
- Active Channel
 - Dormant Channel
 - Watercourse (Active)

- Areas Potentially Not Subject to CDFW Regulation**
- Abandoned Channel (Hydrologically Disconnected)

E

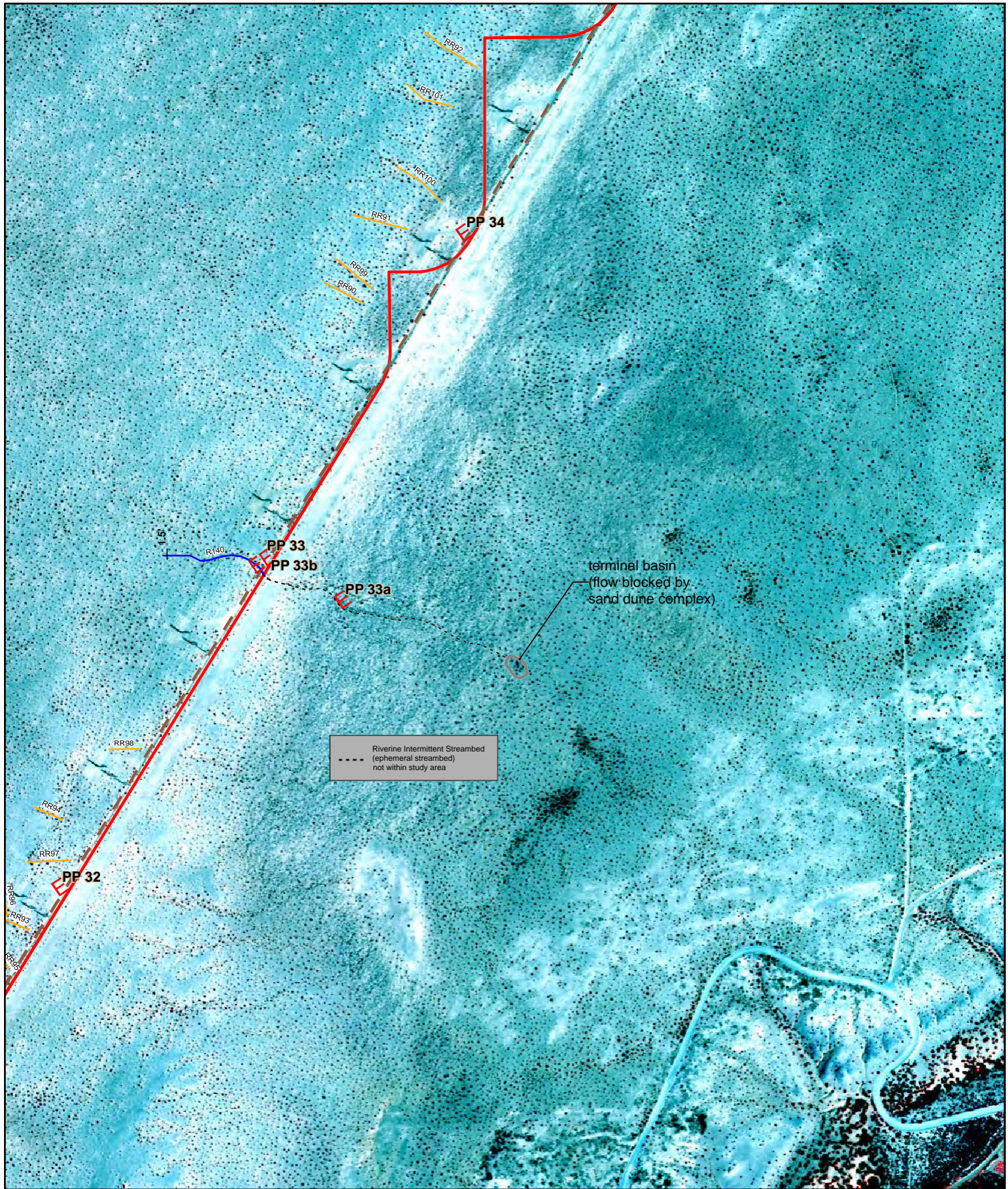
0 100 200 300 400 500 600 700 Feet

Aerial Photography: NAIP 2012

Huffman-Broadway Group, Inc.
ENVIRONMENTAL REGULATORY CONSULTANTS

Appendix E. Representative Photo Point Locations, Sheet 16

Desert Quartzite LLC Solar Farm Project, Town of Blythe, Riverside County, California



Appendix F

Computations for Delineated Areas

| APPENDIX F. CALCULATIONS FOR DELINEATED WATERCOURSE AREAS | | | | | | | | | | | |
|---|-------------------------|-----------------------------|--|--|------------|-------------|-----------------------------|--------------|-------------|--------------|---|
| Watercourse ID | Jurisdictional Category | Flow Regime Characteristics | Geomorphological Characteristics | Hydrological Characteristics | Width (ft) | Length (ft) | Area (ft²) (length x width) | Area (acres) | Latitude | Longitude | Comments |
| Active Stream Channel | | | | | | | | | | | |
| R54a | Active Channel | Eposodic | Fluvial: Floodplain Watercourse on Fan Remnant | Active | 2.0 | 352 | 704 | 0.02 | 33.588788 N | 114.753445 W | Has Recent fluvial indicators |
| R54b | Active Channel | Eposodic | Fluvial: Floodplain Watercourse on Fan Remnant | Active | 2.0 | 1141 | 2282 | 0.05 | 33.588386 N | 114.751368 W | Has Recent fluvial indicators |
| R54c | Active Channel | Eposodic | Fluvial: Floodplain Watercourse on Fan Remnant | Active | 2.0 | 442 | 884 | 0.02 | 33.588387 N | 114.748842 W | Has Recent fluvial indicators |
| R140 | Active Channel | Eposodic | Fan Remnant | Active | 1.5 | 522 | 783 | 0.02 | 33.552176 N | 114.737683 W | Has Recent fluvial |
| R142 | Active Channel | Eposodic | Fluvial: Floodplain Watercourse on Fan Remnant | Active | 1.5 | 590 | 885 | 0.02 | 33.564858 N | 114.728189 W | Has Recent fluvial indicators |
| RR41 | Active Channel | Eposodic | Fluvial: Floodplain Watercourse on Fan Remnant | Active | 1.6 | 12 | 19 | 0.00 | 33.544510 N | 114.750381 W | Has Recent fluvial indicators |
| RR105 | Active Channel | Eposodic | Fluvial: Floodplain Watercourse on Fan Remnant | Active | 1.1 | 70 | 77 | 0.00 | 33.588619 N | 114.759489 W | Has Recent fluvial indicators |
| RR107 | Active Channel | Eposodic | Fluvial: Floodplain Watercourse on Fan Remnant | Active | 2.2 | 50 | 110 | 0.00 | 33.589334 N | 114.753514 W | Has Recent fluvial indicators |
| Total Active Stream Channel | | | | | | | 5744 | 0.13 | | | |
| | | | | | | | | | | | |
| Dormant Stream Channel | | | | | | | | | | | |
| RR61 | Dormant Channel | Eposodic | Fluvial: Floodplain Watercourse on Fan Remnant | Dormant | 1.1 | 673 | 740 | 0.02 | 33.565194 N | 114.778972 W | Lack recent fluvial indicators like active channels, but has past flow indicators and hydrologically flow has not been cut off upgradient and has potential to become active again. |
| RR62 | Dormant Channel | Eposodic | Fluvial: Floodplain Watercourse on Fan Remnant | Dormant | 0.5 | 602 | 301 | 0.01 | 33.564882 N | 114.778959 W | Same comment as above |
| RR63 | Dormant Channel | Eposodic | Fluvial: Floodplain Watercourse on Fan Remnant | Dormant | 0.8 | 501 | 401 | 0.01 | 33.564404 N | 114.779125 W | Same comment as above |
| RR64 | Dormant Channel | Eposodic | Fluvial: Floodplain Watercourse on Fan Remnant | Dormant | 0.9 | 673 | 606 | 0.01 | 33.563766 N | 114.778880 W | Same comment as above |
| RR65 | Dormant Channel | Eposodic | Fluvial: Floodplain Watercourse on Fan Remnant | Dormant | 1.6 | 477 | 763 | 0.02 | 33.564054 N | 114.779161 W | Same comment as above |
| RR78 | Dormant Channel | Eposodic | Fluvial: Floodplain Watercourse on Fan Remnant | Dormant | 1.5 | 1668 | 2502 | 0.06 | 33.585094 N | 114.745360 W | Same comment as above |
| RR79 | Dormant Channel | Eposodic | Fluvial: Floodplain Watercourse on Fan Remnant | Dormant | 1.3 | 788 | 1024 | 0.02 | 33.584233 N | 114.744903 W | Same comment as above |
| RR89 | Dormant Channel | Eposodic | Fluvial: Floodplain Watercourse on Fan Remnant | Dormant | 0.7 | 630 | 441 | 0.01 | 33.565414 N | 114.779065 W | Same comment as above |
| Total Dormant Stream Channel | | | | | | | 6778 | 0.16 | | | |
| | | | | | | | | | | | |
| Abandoned Stream Channel | | | | | | | | | | | |
| RR1 | Abandoned Channel | Upland | Fluvial: Floodplain Watercourse on Fan Remnant | Inactive Channel (Hydrologically Disconnected) | 2.2 | 14 | 31 | 0.00 | 33.580885 N | 114.744389 W | Hydrologically Disconnected |
| RR2 | Abandoned Channel | Upland | Fluvial: Floodplain Watercourse on Fan Remnant | Inactive Channel (Hydrologically Disconnected) | 0.8 | 13 | 10 | 0.00 | 33.580737 N | 114.744381 W | Hydrologically Disconnected |
| RR3 | Abandoned Channel | Upland | Fluvial: Floodplain Watercourse on Fan Remnant | Inactive Channel (Hydrologically Disconnected) | 1.2 | 122 | 146 | 0.00 | 33.580766 N | 114.744523 W | Hydrologically Disconnected |
| RR6 | Abandoned Channel | Upland | Fluvial: Floodplain Watercourse on Fan Remnant | Inactive Channel (Hydrologically Disconnected) | 1.7 | 475 | 808 | 0.02 | 33.574551 N | 114.761380 W | Hydrologically Disconnected |
| RR7 | Abandoned Channel | Upland | Fluvial: Floodplain Watercourse on Fan Remnant | Inactive Channel (Hydrologically Disconnected) | 0.7 | 135 | 95 | 0.00 | 33.552155 N | 114.759019 W | Hydrologically Disconnected |
| RR8 | Abandoned Channel | Upland | Fluvial: Floodplain Watercourse on Fan Remnant | Inactive Channel (Hydrologically Disconnected) | 0.9 | 147 | 132 | 0.00 | 33.550483 N | 114.759731 W | Hydrologically Disconnected |
| RR9 | Abandoned Channel | Upland | Fluvial: Floodplain Watercourse on Fan Remnant | Inactive Channel (Hydrologically Disconnected) | 1.3 | 357 | 464 | 0.01 | 33.564053 N | 114.762843 W | Hydrologically Disconnected |
| RR10 | Abandoned Channel | Upland | Fluvial: Floodplain Watercourse on Fan Remnant | Inactive Channel (Hydrologically Disconnected) | 0.7 | 43 | 30 | 0.00 | 33.563770 N | 114.762954 W | Hydrologically Disconnected |
| RR11 | Abandoned Channel | Upland | Fluvial: Floodplain Watercourse on Fan Remnant | Inactive Channel (Hydrologically Disconnected) | 0.6 | 32 | 19 | 0.00 | 33.563751 N | 114.762987 W | Hydrologically Disconnected |
| RR12 | Abandoned Channel | Upland | Fluvial: Floodplain Watercourse on Fan Remnant | Inactive Channel (Hydrologically Disconnected) | 1.0 | 54 | 54 | 0.00 | 33.562516 N | 114.765488 W | Hydrologically Disconnected |
| RR13 | Abandoned Channel | Upland | Fluvial: Floodplain Watercourse on Fan Remnant | Inactive Channel (Hydrologically Disconnected) | 1.5 | 14 | 21 | 0.00 | 33.562560 N | 114.765500 W | Hydrologically Disconnected |
| RR14 | Abandoned Channel | Upland | Fluvial: Floodplain Watercourse on Fan Remnant | Inactive Channel (Hydrologically Disconnected) | 1.2 | 22 | 26 | 0.00 | 33.562522 N | 114.765520 W | Hydrologically Disconnected |
| RR15 | Abandoned Channel | Upland | Fluvial: Floodplain Watercourse on Fan Remnant | Inactive Channel (Hydrologically Disconnected) | 0.9 | 17 | 15 | 0.00 | 33.562520 N | 114.765613 W | Hydrologically Disconnected |
| RR16 | Abandoned Channel | Upland | Fluvial: Floodplain Watercourse on Fan Remnant | Inactive Channel (Hydrologically Disconnected) | 0.5 | 4 | 2 | 0.00 | 33.562489 N | 114.765764 W | Hydrologically Disconnected |
| RR17 | Abandoned Channel | Upland | Fluvial: Floodplain Watercourse on Fan Remnant | Inactive Channel (Hydrologically Disconnected) | 1.4 | 8 | 11 | 0.00 | 33.562493 N | 114.765781 W | Hydrologically Disconnected |
| RR18 | Abandoned Channel | Upland | Fluvial: Floodplain Watercourse on Fan Remnant | Inactive Channel (Hydrologically Disconnected) | 0.7 | 6 | 4 | 0.00 | 33.562476 N | 114.765814 W | Hydrologically Disconnected |
| RR19 | Abandoned Channel | Upland | Fluvial: Floodplain Watercourse on Fan Remnant | Inactive Channel (Hydrologically Disconnected) | 0.7 | 61 | 43 | 0.00 | 33.566532 N | 114.766772 W | Hydrologically Disconnected |

| APPENDIX F. CALCULATIONS FOR DELINEATED WATERCOURSE AREAS | | | | | | | | | | | |
|---|-------------------------|-----------------------------|--|--|------------|-------------|--|--------------|-------------|--------------|-----------------------------|
| Watercourse ID | Jurisdictional Category | Flow Regime Characteristics | Geomorphological Characteristics | Hydrological Characteristics | Width (ft) | Length (ft) | Area (ft ²) (length x width) | Area (acres) | Latitude | Longitude | Comments |
| RR20a | Abandoned Channel | Upland | Fluvial: Floodplain Watercourse on Fan Remnant | Inactive Channel (Hydrologically Disconnected) | 0.9 | 333 | 300 | 0.01 | 33.566241 N | 114.766070 W | Hydrologically Disconnected |
| RR20b | Abandoned Channel | Upland | Fluvial: Floodplain Watercourse on Fan Remnant | Inactive Channel (Hydrologically Disconnected) | 1.2 | 160 | 192 | 0.00 | 33.566444 N | 114.765988 W | Hydrologically Disconnected |
| RR20c | Abandoned Channel | Upland | Fluvial: Floodplain Watercourse on Fan Remnant | Inactive Channel (Hydrologically Disconnected) | 0.8 | 66 | 53 | 0.00 | 33.566313 N | 114.765753 W | Hydrologically Disconnected |
| RR20d | Abandoned Channel | Upland | Fluvial: Floodplain Watercourse on Fan Remnant | Inactive Channel (Hydrologically Disconnected) | 0.9 | 30 | 27 | 0.00 | 33.566390 N | 114.766172 W | Hydrologically Disconnected |
| RR20e | Abandoned Channel | Upland | Fluvial: Floodplain Watercourse on Fan Remnant | Inactive Channel (Hydrologically Disconnected) | 1.5 | 46 | 69 | 0.00 | 33.566370 N | 114.766216 W | Hydrologically Disconnected |
| RR20f | Abandoned Channel | Upland | Fluvial: Floodplain Watercourse on Fan Remnant | Inactive Channel (Hydrologically Disconnected) | 1.0 | 11 | 11 | 0.00 | 33.566362 N | 114.766205 W | Hydrologically Disconnected |
| RR21a | Abandoned Channel | Upland | Fluvial: Floodplain Watercourse on Fan Remnant | Inactive Channel (Hydrologically Disconnected) | 0.9 | 120 | 108 | 0.00 | 33.566491 N | 114.765701 W | Hydrologically Disconnected |
| RR21b | Abandoned Channel | Upland | Fluvial: Floodplain Watercourse on Fan Remnant | Inactive Channel (Hydrologically Disconnected) | 1.4 | 15 | 21 | 0.00 | 33.566522 N | 114.765700 W | Hydrologically Disconnected |
| RR22 | Abandoned Channel | Upland | Fluvial: Floodplain Watercourse on Fan Remnant | Inactive Channel (Hydrologically Disconnected) | 1.1 | 38 | 42 | 0.00 | 33.568484 N | 114.757016 W | Hydrologically Disconnected |
| RR23 | Abandoned Channel | Upland | Fluvial: Floodplain Watercourse on Fan Remnant | Inactive Channel (Hydrologically Disconnected) | 2.0 | 31 | 62 | 0.00 | 33.568416 N | 114.757081 W | Hydrologically Disconnected |
| RR24a | Abandoned Channel | Upland | Fluvial: Floodplain Watercourse on Fan Remnant | Inactive Channel (Hydrologically Disconnected) | 0.7 | 74 | 52 | 0.00 | 33.566491 N | 114.762953 W | Hydrologically Disconnected |
| RR24b | Abandoned Channel | Upland | Fluvial: Floodplain Watercourse on Fan Remnant | Inactive Channel (Hydrologically Disconnected) | 0.9 | 18 | 16 | 0.00 | 33.566546 N | 114.762913 W | Hydrologically Disconnected |
| RR24c | Abandoned Channel | Upland | Fluvial: Floodplain Watercourse on Fan Remnant | Inactive Channel (Hydrologically Disconnected) | 1.3 | 13 | 17 | 0.00 | 33.566502 N | 114.762912 W | Hydrologically Disconnected |
| RR24d | Abandoned Channel | Upland | Fluvial: Floodplain Watercourse on Fan Remnant | Inactive Channel (Hydrologically Disconnected) | 1.1 | 16 | 18 | 0.00 | 33.566418 N | 114.762962 W | Hydrologically Disconnected |
| RR24e | Abandoned Channel | Upland | Fluvial: Floodplain Watercourse on Fan Remnant | Inactive Channel (Hydrologically Disconnected) | 2.2 | 9 | 20 | 0.00 | 33.566417 N | 114.762954 W | Hydrologically Disconnected |
| RR25a | Abandoned Channel | Upland | Fluvial: Floodplain Watercourse on Fan Remnant | Inactive Channel (Hydrologically Disconnected) | 1.4 | 97 | 136 | 0.00 | 33.566483 N | 114.763052 W | Hydrologically Disconnected |
| RR25b | Abandoned Channel | Upland | Fluvial: Floodplain Watercourse on Fan Remnant | Inactive Channel (Hydrologically Disconnected) | 1.0 | 11 | 11 | 0.00 | 33.566488 N | 114.763038 W | Hydrologically Disconnected |
| RR25c | Abandoned Channel | Upland | Fluvial: Floodplain Watercourse on Fan Remnant | Inactive Channel (Hydrologically Disconnected) | 1.3 | 17 | 22 | 0.00 | 33.566443 N | 114.763041 W | Hydrologically Disconnected |
| RR25d | Abandoned Channel | Upland | Fluvial: Floodplain Watercourse on Fan Remnant | Inactive Channel (Hydrologically Disconnected) | 0.7 | 7 | 5 | 0.00 | 33.566447 N | 114.763073 W | Hydrologically Disconnected |
| RR25e | Abandoned Channel | Upland | Fluvial: Floodplain Watercourse on Fan Remnant | Inactive Channel (Hydrologically Disconnected) | 1.3 | 10 | 13 | 0.00 | 33.566426 N | 114.763064 W | Hydrologically Disconnected |
| RR26 | Abandoned Channel | Upland | Fluvial: Floodplain Watercourse on Fan Remnant | Inactive Channel (Hydrologically Disconnected) | 1.0 | 49 | 49 | 0.00 | 33.566565 N | 114.763173 W | Hydrologically Disconnected |
| RR27a | Abandoned Channel | Upland | Fluvial: Floodplain Watercourse on Fan Remnant | Inactive Channel (Hydrologically Disconnected) | 2.3 | 23 | 53 | 0.00 | 33.566575 N | 114.763248 W | Hydrologically Disconnected |
| RR27b | Abandoned Channel | Upland | Fluvial: Floodplain Watercourse on Fan Remnant | Inactive Channel (Hydrologically Disconnected) | 0.9 | 13 | 12 | 0.00 | 33.566561 N | 114.763261 W | Hydrologically Disconnected |
| RR28a | Abandoned Channel | Upland | Fluvial: Floodplain Watercourse on Fan Remnant | Inactive Channel (Hydrologically Disconnected) | 1.1 | 76 | 84 | 0.00 | 33.566516 N | 114.763326 W | Hydrologically Disconnected |
| RR28b | Abandoned Channel | Upland | Fluvial: Floodplain Watercourse on Fan Remnant | Inactive Channel (Hydrologically Disconnected) | 0.9 | 20 | 18 | 0.00 | 33.566494 N | 114.763346 W | Hydrologically Disconnected |
| RR29 | Abandoned Channel | Upland | Fluvial: Floodplain Watercourse on Fan Remnant | Inactive Channel (Hydrologically Disconnected) | 1.3 | 84 | 109 | 0.00 | 33.566504 N | 114.763463 W | Hydrologically Disconnected |
| RR30a | Abandoned Channel | Upland | Fluvial: Floodplain Watercourse on Fan Remnant | Inactive Channel (Hydrologically Disconnected) | 2.1 | 61 | 128 | 0.00 | 33.566528 N | 114.763607 W | Hydrologically Disconnected |
| RR30b | Abandoned Channel | Upland | Fluvial: Floodplain Watercourse on Fan Remnant | Inactive Channel (Hydrologically Disconnected) | 0.7 | 14 | 10 | 0.00 | 33.566498 N | 114.763639 W | Hydrologically Disconnected |
| RR31 | Abandoned Channel | Upland | Fluvial: Floodplain Watercourse on Fan Remnant | Inactive Channel (Hydrologically Disconnected) | 0.5 | 29 | 15 | 0.00 | 33.566281 N | 114.763888 W | Hydrologically Disconnected |
| RR32 | Abandoned Channel | Upland | Fluvial: Floodplain Watercourse on Fan Remnant | Inactive Channel (Hydrologically Disconnected) | 1.3 | 104 | 135 | 0.00 | 33.566475 N | 114.763958 W | Hydrologically Disconnected |
| RR33 | Abandoned Channel | Upland | Fluvial: Floodplain Watercourse on Fan Remnant | Inactive Channel (Hydrologically Disconnected) | 1.0 | 79 | 79 | 0.00 | 33.566550 N | 114.764523 W | Hydrologically Disconnected |
| RR34a | Abandoned Channel | Upland | Fluvial: Floodplain Watercourse on Fan Remnant | Inactive Channel (Hydrologically Disconnected) | 0.9 | 337 | 303 | 0.01 | 33.566294 N | 114.764850 W | Hydrologically Disconnected |

| APPENDIX F. CALCULATIONS FOR DELINEATED WATERCOURSE AREAS | | | | | | | | | | | |
|---|-------------------------|-----------------------------|--|--|------------|-------------|-----------------------------|--------------|-------------|--------------|-----------------------------|
| Watercourse ID | Jurisdictional Category | Flow Regime Characteristics | Geomorphological Characteristics | Hydrological Characteristics | Width (ft) | Length (ft) | Area (ft²) (length x width) | Area (acres) | Latitude | Longitude | Comments |
| RR34b | Abandoned Channel | Upland | Fluvial: Floodplain Watercourse on Fan Remnant | Inactive Channel (Hydrologically Disconnected) | 0.7 | 22 | 15 | 0.00 | 33.566087 N | 114.764708 W | Hydrologically Disconnected |
| RR34c | Abandoned Channel | Upland | Fluvial: Floodplain Watercourse on Fan Remnant | Inactive Channel (Hydrologically Disconnected) | 2.3 | 74 | 170 | 0.00 | 33.565995 N | 114.764774 W | Hydrologically Disconnected |
| RR35 | Abandoned Channel | Upland | Fluvial: Floodplain Watercourse on Fan Remnant | Inactive Channel (Hydrologically Disconnected) | 1.1 | 91 | 100 | 0.00 | 33.565948 N | 114.766775 W | Hydrologically Disconnected |
| RR36 | Abandoned Channel | Upland | Fluvial: Floodplain Watercourse on Fan Remnant | Inactive Channel (Hydrologically Disconnected) | 1.4 | 18 | 25 | 0.00 | 33.565857 N | 114.766679 W | Hydrologically Disconnected |
| RR37 | Abandoned Channel | Upland | Fluvial: Floodplain Watercourse on Fan Remnant | Inactive Channel (Hydrologically Disconnected) | 2.0 | 23 | 46 | 0.00 | 33.561294 N | 114.776518 W | Hydrologically Disconnected |
| RR38a | Abandoned Channel | Upland | Fluvial: Floodplain Watercourse on Fan Remnant | Inactive Channel (Hydrologically Disconnected) | 0.9 | 39 | 35 | 0.00 | 33.555839 N | 114.768408 W | Hydrologically Disconnected |
| RR38b | Abandoned Channel | Upland | Fluvial: Floodplain Watercourse on Fan Remnant | Inactive Channel (Hydrologically Disconnected) | 1.3 | 53 | 69 | 0.00 | 33.555692 N | 114.768243 W | Hydrologically Disconnected |
| RR39 | Abandoned Channel | Upland | Fluvial: Floodplain Watercourse on Fan Remnant | Inactive Channel (Hydrologically Disconnected) | 1.0 | 696 | 696 | 0.02 | 33.556192 N | 114.767345 W | Hydrologically Disconnected |
| RR40 | Abandoned Channel | Upland | Fluvial: Floodplain Watercourse on Fan Remnant | Inactive Channel (Hydrologically Disconnected) | 0.9 | 278 | 250 | 0.01 | 33.564722 N | 114.760142 W | Hydrologically Disconnected |
| RR42 | Abandoned Channel | Upland | Fluvial: Floodplain Watercourse on Fan Remnant | Inactive Channel (Hydrologically Disconnected) | 0.9 | 644 | 580 | 0.01 | 33.573812 N | 114.787043 W | Hydrologically Disconnected |
| RR43 | Abandoned Channel | Upland | Fluvial: Floodplain Watercourse on Fan Remnant | Inactive Channel (Hydrologically Disconnected) | 0.7 | 37 | 26 | 0.00 | 33.574042 N | 114.787896 W | Hydrologically Disconnected |
| RR44 | Abandoned Channel | Upland | Fluvial: Floodplain Watercourse on Fan Remnant | Inactive Channel (Hydrologically Disconnected) | 1.6 | 601 | 962 | 0.02 | 33.573586 N | 114.786825 W | Hydrologically Disconnected |
| RR45 | Abandoned Channel | Upland | Fluvial: Floodplain Watercourse on Fan Remnant | Inactive Channel (Hydrologically Disconnected) | 1.0 | 60 | 60 | 0.00 | 33.573736 N | 114.787008 W | Hydrologically Disconnected |
| RR46 | Abandoned Channel | Upland | Fluvial: Floodplain Watercourse on Fan Remnant | Inactive Channel (Hydrologically Disconnected) | 0.9 | 196 | 176 | 0.00 | 33.573883 N | 114.787655 W | Hydrologically Disconnected |
| RR47a | Abandoned Channel | Upland | Fluvial: Floodplain Watercourse on Fan Remnant | Inactive Channel (Hydrologically Disconnected) | 0.7 | 1861 | 1303 | 0.03 | 33.570636 N | 114.777024 W | Hydrologically Disconnected |
| RR47b | Abandoned Channel | Upland | Fluvial: Floodplain Watercourse on Fan Remnant | Inactive Channel (Hydrologically Disconnected) | 0.7 | 591 | 414 | 0.01 | 33.570034 N | 114.773243 W | Hydrologically Disconnected |
| RR48 | Abandoned Channel | Upland | Fluvial: Floodplain Watercourse on Fan Remnant | Inactive Channel (Hydrologically Disconnected) | 2.0 | 1743 | 3486 | 0.08 | 33.570368 N | 114.777397 W | Hydrologically Disconnected |
| RR49 | Abandoned Channel | Upland | Fluvial: Floodplain Watercourse on Fan Remnant | Inactive Channel (Hydrologically Disconnected) | 1.6 | 270 | 432 | 0.01 | 33.569975 N | 114.776295 W | Hydrologically Disconnected |
| RR50 | Abandoned Channel | Upland | Fluvial: Floodplain Watercourse on Fan Remnant | Inactive Channel (Hydrologically Disconnected) | 1.5 | 358 | 537 | 0.01 | 33.570972 N | 114.779241 W | Hydrologically Disconnected |
| RR51 | Abandoned Channel | Upland | Fluvial: Floodplain Watercourse on Fan Remnant | Inactive Channel (Hydrologically Disconnected) | 0.9 | 1184 | 1066 | 0.02 | 33.570264 N | 114.778089 W | Hydrologically Disconnected |
| RR52 | Abandoned Channel | Upland | Fluvial: Floodplain Watercourse on Fan Remnant | Inactive Channel (Hydrologically Disconnected) | 0.6 | 1209 | 725 | 0.02 | 33.569863 N | 114.778093 W | Hydrologically Disconnected |
| RR53 | Abandoned Channel | Upland | Fluvial: Floodplain Watercourse on Fan Remnant | Inactive Channel (Hydrologically Disconnected) | 1.1 | 216 | 238 | 0.01 | 33.570394 N | 114.779504 W | Hydrologically Disconnected |
| RR55 | Abandoned Channel | Upland | Fluvial: Floodplain Watercourse on Fan Remnant | Inactive Channel (Hydrologically Disconnected) | 0.8 | 1788 | 1430 | 0.03 | 33.568751 N | 114.777906 W | Hydrologically Disconnected |
| RR56 | Abandoned Channel | Upland | Fluvial: Floodplain Watercourse on Fan Remnant | Inactive Channel (Hydrologically Disconnected) | 0.6 | 713 | 428 | 0.01 | 33.567220 N | 114.777093 W | Hydrologically Disconnected |
| RR57 | Abandoned Channel | Upland | Fluvial: Floodplain Watercourse on Fan Remnant | Inactive Channel (Hydrologically Disconnected) | 1.3 | 597 | 776 | 0.02 | 33.569419 N | 114.778708 W | Hydrologically Disconnected |
| RR58 | Abandoned Channel | Upland | Fluvial: Floodplain Watercourse on Fan Remnant | Inactive Channel (Hydrologically Disconnected) | 2.2 | 758 | 1668 | 0.04 | 33.566147 N | 114.779108 W | Hydrologically Disconnected |
| RR60 | Abandoned Channel | Upland | Fluvial: Floodplain Watercourse on Fan Remnant | Inactive Channel (Hydrologically Disconnected) | 1.2 | 191 | 229 | 0.01 | 33.565005 N | 114.778072 W | Hydrologically Disconnected |
| RR66 | Abandoned Channel | Upland | Fluvial: Floodplain Watercourse on Fan Remnant | Inactive Channel (Hydrologically Disconnected) | 1.5 | 3145 | 4718 | 0.11 | 33.583109 N | 114.776297 W | Hydrologically Disconnected |
| RR67 | Abandoned Channel | Upland | Fluvial: Floodplain Watercourse on Fan Remnant | Inactive Channel (Hydrologically Disconnected) | 2.1 | 499 | 1048 | 0.02 | 33.581439 N | 114.787648 W | Hydrologically Disconnected |
| RR68 | Abandoned Channel | Upland | Fluvial: Floodplain Watercourse on Fan Remnant | Inactive Channel (Hydrologically Disconnected) | 2.0 | 286 | 572 | 0.01 | 33.581048 N | 114.787612 W | Hydrologically Disconnected |
| RR69 | Abandoned Channel | Upland | Fluvial: Floodplain Watercourse on Fan Remnant | Inactive Channel (Hydrologically Disconnected) | 1.3 | 661 | 859 | 0.02 | 33.572484 N | 114.779111 W | Hydrologically Disconnected |
| RR70 | Abandoned Channel | Upland | Fluvial: Floodplain Watercourse on Fan Remnant | Inactive Channel (Hydrologically Disconnected) | 0.9 | 345 | 311 | 0.01 | 33.572143 N | 114.779430 W | Hydrologically Disconnected |

| APPENDIX F. CALCULATIONS FOR DELINEATED WATERCOURSE AREAS | | | | | | | | | | | |
|---|-------------------------|-----------------------------|--|--|------------|-------------|-----------------------------|--------------|-------------|--------------|-----------------------------|
| Watercourse ID | Jurisdictional Category | Flow Regime Characteristics | Geomorphological Characteristics | Hydrological Characteristics | Width (ft) | Length (ft) | Area (ft²) (length x width) | Area (acres) | Latitude | Longitude | Comments |
| RR71 | Abandoned Channel | Upland | Fluvial: Floodplain Watercourse on Fan Remnant | Inactive Channel (Hydrologically Disconnected) | 0.8 | 268 | 214 | 0.00 | 33.570852 N | 114.777936 W | Hydrologically Disconnected |
| RR72 | Abandoned Channel | Upland | Fluvial: Floodplain Watercourse on Fan Remnant | Inactive Channel (Hydrologically Disconnected) | 1.2 | 213 | 256 | 0.01 | 33.570163 N | 114.779147 W | Hydrologically Disconnected |
| RR73 | Abandoned Channel | Upland | Fluvial: Floodplain Watercourse on Fan Remnant | Inactive Channel (Hydrologically Disconnected) | 1.1 | 1327 | 1460 | 0.03 | 33.574105 N | 114.783761 W | Hydrologically Disconnected |
| RR74 | Abandoned Channel | Upland | Fluvial: Floodplain Watercourse on Fan Remnant | Inactive Channel (Hydrologically Disconnected) | 0.8 | 558 | 446 | 0.01 | 33.569067 N | 114.773996 W | Hydrologically Disconnected |
| RR75 | Abandoned Channel | Upland | Fluvial: Floodplain Watercourse on Fan Remnant | Inactive Channel (Hydrologically Disconnected) | 0.7 | 257 | 180 | 0.00 | 33.569617 N | 114.775541 W | Hydrologically Disconnected |
| RR76 | Abandoned Channel | Upland | Fluvial: Floodplain Watercourse on Fan Remnant | Inactive Channel (Hydrologically Disconnected) | 0.7 | 225 | 158 | 0.00 | 33.570723 N | 114.778388 W | Hydrologically Disconnected |
| RR77 | Abandoned Channel | Upland | Fluvial: Floodplain Watercourse on Fan Remnant | Inactive Channel (Hydrologically Disconnected) | 1.2 | 275 | 330 | 0.01 | 33.584178 N | 114.737494 W | Hydrologically Disconnected |
| RR80 | Abandoned Channel | Upland | Fluvial: Floodplain Watercourse on Fan Remnant | Inactive Channel (Hydrologically Disconnected) | 2.0 | 1182 | 2363 | 0.05 | 33.586554 N | 114.741993 W | Hydrologically Disconnected |
| RR81 | Abandoned Channel | Upland | Fluvial: Floodplain Watercourse on Fan Remnant | Inactive Channel (Hydrologically Disconnected) | 1.6 | 751 | 1202 | 0.03 | 33.578681 N | 114.773637 W | Hydrologically Disconnected |
| RR82 | Abandoned Channel | Upland | Fluvial: Floodplain Watercourse on Fan Remnant | Inactive Channel (Hydrologically Disconnected) | 1.2 | 554 | 665 | 0.02 | 33.578689 N | 114.772993 W | Hydrologically Disconnected |
| RR83 | Abandoned Channel | Upland | Fluvial: Floodplain Watercourse on Fan Remnant | Inactive Channel (Hydrologically Disconnected) | 1.5 | 1048 | 1572 | 0.04 | 33.574606 N | 114.786354 W | Hydrologically Disconnected |
| RR84 | Abandoned Channel | Upland | Fluvial: Floodplain Watercourse on Fan Remnant | Inactive Channel (Hydrologically Disconnected) | 0.7 | 1045 | 732 | 0.02 | 33.569144 N | 114.777545 W | Hydrologically Disconnected |
| RR85 | Abandoned Channel | Upland | Fluvial: Floodplain Watercourse on Fan Remnant | Inactive Channel (Hydrologically Disconnected) | 0.7 | 1144 | 801 | 0.02 | 33.571100 N | 114.777307 W | Hydrologically Disconnected |
| RR86 | Abandoned Channel | Upland | Fluvial: Floodplain Watercourse on Fan Remnant | Inactive Channel (Hydrologically Disconnected) | 1.0 | 474 | 474 | 0.01 | 33.570511 N | 114.777332 W | Hydrologically Disconnected |
| RR87 | Abandoned Channel | Upland | Fluvial: Floodplain Watercourse on Fan Remnant | Inactive Channel (Hydrologically Disconnected) | 1.1 | 187 | 206 | 0.00 | 33.571117 N | 114.779227 W | Hydrologically Disconnected |
| RR88 | Abandoned Channel | Upland | Fluvial: Floodplain Watercourse on Fan Remnant | Inactive Channel (Hydrologically Disconnected) | 2.0 | 535 | 1070 | 0.02 | 33.566074 N | 114.779236 W | Hydrologically Disconnected |
| RR90 | Abandoned Channel | Upland | Fluvial: Floodplain Watercourse on Fan Remnant | Inactive Channel (Hydrologically Disconnected) | 1.1 | 211 | 232 | 0.01 | 33.555597 N | 114.735583 W | Hydrologically Disconnected |
| RR91 | Abandoned Channel | Upland | Fluvial: Floodplain Watercourse on Fan Remnant | Inactive Channel (Hydrologically Disconnected) | 0.9 | 271 | 244 | 0.01 | 33.556500 N | 114.735003 W | Hydrologically Disconnected |
| RR92 | Abandoned Channel | Upland | Fluvial: Floodplain Watercourse on Fan Remnant | Inactive Channel (Hydrologically Disconnected) | 2.2 | 305 | 671 | 0.02 | 33.558701 N | 114.733879 W | Hydrologically Disconnected |
| RR93 | Abandoned Channel | Upland | Fluvial: Floodplain Watercourse on Fan Remnant | Inactive Channel (Hydrologically Disconnected) | 1.5 | 249 | 374 | 0.01 | 33.547558 N | 114.740945 W | Hydrologically Disconnected |
| RR94 | Abandoned Channel | Upland | Fluvial: Floodplain Watercourse on Fan Remnant | Abandoned | 1.1 | 152 | 167 | 0.00 | 33.548926 N | 114.740258 W | Hydrologically Disconnected |
| RR95 | Abandoned Channel | Upland | Fluvial: Floodplain Watercourse on Fan Remnant | Inactive Channel (Hydrologically Disconnected) | 0.9 | 154 | 139 | 0.00 | 33.547093 N | 114.741063 W | Hydrologically Disconnected |
| RR96 | Abandoned Channel | Upland | Fluvial: Floodplain Watercourse on Fan Remnant | Inactive Channel (Hydrologically Disconnected) | 1.3 | 171 | 222 | 0.01 | 33.547835 N | 114.740955 W | Hydrologically Disconnected |
| RR97 | Abandoned Channel | Upland | Fluvial: Floodplain Watercourse on Fan Remnant | Inactive Channel (Hydrologically Disconnected) | 1.5 | 216 | 324 | 0.01 | 33.548309 N | 114.740252 W | Hydrologically Disconnected |
| RR98 | Abandoned Channel | Upland | Fluvial: Floodplain Watercourse on Fan Remnant | Inactive Channel (Hydrologically Disconnected) | 1.3 | 150 | 195 | 0.00 | 33.549740 N | 114.739072 W | Hydrologically Disconnected |
| RR99 | Abandoned Channel | Upland | Fluvial: Floodplain Watercourse on Fan Remnant | Inactive Channel (Hydrologically Disconnected) | 0.8 | 222 | 178 | 0.00 | 33.555840 N | 114.735408 W | Hydrologically Disconnected |
| RR100 | Abandoned Channel | Upland | Fluvial: Floodplain Watercourse on Fan Remnant | Inactive Channel (Hydrologically Disconnected) | 1.2 | 272 | 326 | 0.01 | 33.557027 N | 114.734369 W | Hydrologically Disconnected |
| RR101 | Abandoned Channel | Upland | Fluvial: Floodplain Watercourse on Fan Remnant | Inactive Channel (Hydrologically Disconnected) | 1.6 | 247 | 395 | 0.01 | 33.558060 N | 114.734215 W | Hydrologically Disconnected |
| RR102 | Abandoned Channel | Upland | Fluvial: Floodplain Watercourse on Fan Remnant | Inactive Channel (Hydrologically Disconnected) | 2.0 | 103 | 206 | 0.00 | 33.571701 N | 114.779655 W | Hydrologically Disconnected |
| RR103 | Abandoned Channel | Upland | Fluvial: Floodplain Watercourse on Fan Remnant | Inactive Channel (Hydrologically Disconnected) | 0.9 | 790 | 711 | 0.02 | 33.573836 N | 114.786816 W | Hydrologically Disconnected |
| RR104 | Abandoned Channel | Upland | Fluvial: Floodplain Watercourse on Fan Remnant | Inactive Channel (Hydrologically Disconnected) | 1.2 | 800 | 960 | 0.02 | 33.565500 N | 114.779087 W | Hydrologically Disconnected |
| RR106 | Abandoned Channel | Upland | Fluvial: Floodplain Watercourse on Fan Remnant | Inactive Channel (Hydrologically Disconnected) | 1.1 | 152 | 167 | 0.00 | 33.589362 N | 114.753859 W | Hydrologically Disconnected |
| Total Abandoned Stream Channel | | | | | | | 45189 | 1.04 | | | |
| | | | | | | | | | | | |
| Active Watercourse | | | | | | | | | | | |

| APPENDIX F. CALCULATIONS FOR DELINEATED WATERCOURSE AREAS | | | | | | | | | | | |
|---|-------------------------|-----------------------------|--|------------------------------|------------|-------------|----------------------------|--------------|-------------|--------------|--|
| Watercourse ID | Jurisdictional Category | Flow Regime Characteristics | Geomorphological Characteristics | Hydrological Characteristics | Width (ft) | Length (ft) | Area (ft²) (lengthx width) | Area (acres) | Latitude | Longitude | Comments |
| FP1 | Active Watercourse | Active Floodplain | Fluvial: Floodplain Watercourse on Fan Remnant | Active | 0.0 | 0 | 0 | 34.14 | 33.586918 N | 114.750806 W | Has Recent fluvial indicators |
| FP2 | Active Watercourse | Active Floodplain | Fluvial: Floodplain Watercourse on Fan Remnant | Active | 0.0 | 0 | 0 | 32.32 | 33.563878 N | 114.777083 W | Has Recent fluvial indicators |
| | | | | | | | | | | | Lack recent fluvial indicators like active channels, but has past flow indicators and hydrologically flow has not been cut off and has potential to become active again. |
| FP3 | Active Watercourse | Active Floodplain | Fluvial: Floodplain Watercourse on Fan Remnant | Active | 0.0 | 0 | 0 | 0.51 | 33.588349 N | 114.759466 W | |
| Total Active Watercourse | | | | | | | 0 | 66.98 | | | |
| | | | | | | | | | | | |