

**California Department of Conservation  
FARMLAND MAPPING AND MONITORING PROGRAM**

**2016 FIELD REPORT**

**COUNTY:** Modoc

**FIELD MAPPER(S):** Michael Kisko

**IMAGE DATA USED:**

Source: National Agriculture Imagery Program, USDA
Acquisition date: Summer 2016
Data description: True color mosaic, 1 meter resolution
Coverage gaps: None
Additional imagery used: None

**WRITTEN, DIGITAL & ORAL INFORMATION SOURCES:**

*The following entities and individuals provided information used to conduct 2016 mapping.*

Local Review Comments (submitted by cities, counties, & others on 2014 maps)
None
Personal Contacts
None
Websites Used for Reference
Google Maps, Street View: <a href="http://maps.google.com">http://maps.google.com</a>
GIS Data Used for Reference
California City Boundary Layer (2016) California Protected Areas Database (2016)

**2014-2016 CHANGE SUMMARY:**

*Changes made during the map update are summarized by type and location. Particular attention is paid to large or unusual changes and their estimated acreages. Please note that land use type, size of land use unit, soil quality, and Farmland of Local Importance definition (if any) determines the final Important Farmland (IFL) category. [See definitions](#) at bottom of table.*

<b>Conversions to Urban Land</b>	
Irrigated Farmland to Urban Land	0 changes
There were no significant conversions from irrigated farmland to Urban Land this update.	
Nonirrigated Land Uses and Other Land to Urban Land	0 changes
There were no significant conversions from nonirrigated land to Urban Land this update.	
<b>Conversions from Irrigated Farmland aside from urbanization</b>	
Irrigated Farmland to Nonirrigated Land Uses	53 changes
<p>Conversions in this category were either due to irrigated farmland or irrigated pasture having been fallow for three or more update cycles or to the production of nonirrigated grain crops for three updates on formerly irrigated land. The largest, single conversions (&gt;100 acres) from irrigated farmland to nonirrigated land occurred on the Lake City (~180 acres), Infernal Caverns (~120 acres), and Alturas (~110 acres) quads. On the other hand, there were nine changes from irrigated farmland to nonirrigated grain, totaling approximately 300 acres.</p>	
Irrigated Farmland to Other Land	1 change
The only conversion from irrigated farmland to Other Land took place on the Fort Bidwell quad where the boundary of a small waterbody was enlarged.	
<b>Conversions to Irrigated Farmland</b>	
Nonirrigated Land Uses and Other Land to Irrigated Farmland	31 changes
<p>Conversions to irrigated farmland were primarily due to additions of alfalfa and other irrigated hay as well as additions of irrigated pasture. Clusters of irrigated hay were added on the Alturas, Cedarville, and Warren Peak quads. Large, single additions of alfalfa or other irrigated hay were added in the Alturas (~180 acres), McArthur (~150 acres), and Fort Bidwell (~100 acres) areas. Meanwhile, a couple of clusters of irrigated pasture were added in the Warm Springs Valley (~160 acres) and Alturas (~140 acres) areas.</p>	
<b>Unusual Changes</b>	
(Types of change not already described or special circumstances during the 2016 update.)	
<p><u>Grazing Land to Farmland of Local Importance:</u> Conversion from Grazing Land is due to corrections in selecting soils in Ca604 that are Capability Class III and IV, now qualifying for Farmland of Local Importance.</p>	

### Areas of Concern for Future Updates

(Locations or map categories noted as needing careful checking during 2018 update, and reasons.)

None

#### Definitions:

**Irrigated Farmland** includes most irrigated crops grown in California. When combined with soil data, these farmed areas become the Important Farmland (IFL) categories of Prime Farmland, Farmland of Statewide Importance & Unique Farmland. Because of the nature of the IFL definitions, some irrigated uses, such as irrigated pastures or nurseries, may not be eligible for all three IFL categories.

**Nonirrigated land uses** include grazing areas, land used for dryland crop farming, and formerly irrigated land that has been left idle for three or more update cycles. These uses are frequently incorporated into county Farmland of Local Importance definitions.

**Other Land** includes a variety of miscellaneous uses, such as low density rural residential development, mining areas, vacant areas and nonagricultural vegetation. Confined animal agriculture facilities are mapped as Other Land unless incorporated into a county Farmland of Local Importance definition.

**Urban Land** includes residential, industrial, recreational, infrastructure and institutional uses.

For more on map categories, including Farmland of Local Importance definitions, visit the [FMMP web site](#).

#### LABOR ESTIMATE:

*Time estimates for conducting the 2016 update.*

Image interpretation, start date: July 21, 2017
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Image interpretation, number of days: 8
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Ground truth dates: October 10-13, 2017
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Number of days for post-ground truth clean-up:1
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Further information on the Farmland Mapping and Monitoring Program can be found at:  
<http://www.conservation.ca.gov/dlrp/fmmp/Pages/Index.aspx>