

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

**2012 FIELD REPORT**

**COUNTY:** Modoc

**FIELD MAPPER(S):** Farl Grundy

**IMAGE DATA USED:**

Source: National Agriculture Imagery Program (NAIP)
Acquisition date: Summer 2012
Data description: True color mosaic, 1 meter resolution
Coverage gaps: None
Additional imagery used: Google Maps

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

*The following entities and individuals provided information used to conduct 2012 mapping.*

Local Review Comments (submitted by cities, counties, & others on 2010 maps)
None
Personal Contacts
None
Websites Used for Reference
U.S. Fish and Wildlife Service: Modoc National Wildlife Refuge <a href="http://www.fws.gov/refuge/Modoc/map.html">http://www.fws.gov/refuge/Modoc/map.html</a>
GIS Data Used for Reference
Modoc County Base Map California City Boundary Layer

**2010-2012 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	1 change
The only noteworthy conversion from nonirrigated land to urban land occurred in Newell and involved the construction of the Newell Migrant Center.	
<b>Conversions from Irrigated Farmland aside from urbanization</b>	
Irrigated Farmland to Nonirrigated Land Uses	82 changes
Conversions in this category were primarily due to irrigated farmland or irrigated pasture having been fallow for three or more update cycles. The largest of these changes took place on the Cedarville quad with approximately 680 acres converted to nonirrigated use. Other quads that had notable changes in this category were Lake City (~480 acres), Larkspur Hills (~400 acres), Lauer Reservoir (~220 acres), Alturas (~200 acres), Hansen Island (~170 acres), and Mahogany Ridge (~120 acres). Other quads also experienced changes but were all less than 100 acres.	
Irrigated Farmland to Other Land	2 changes
There were only two instances where irrigated farmland was converted to Other Land. The first of these happened on the Dorris Reservoir quad where approximately 10 acres had been tracked as wetlands for three or more update cycles. The other conversion occurred south of Cedarville, involved approximately 10 acres, and was due to the delineation of rural commercial and natural vegetation.	
<b>Conversions to Irrigated Farmland</b>	
Nonirrigated Land Uses and Other Land to Irrigated Farmland	43 changes
The largest of these conversions to irrigated farmland and irrigated pasture this update occurred on the Adin quad with approximately 430 acres of change. There were only four other quads with changes of 100 acres or more. Those four were the Canby (~230 acres), Alturas (~170 acres), Big Swamp (~110 acres), and the Lauer Reservoir (~100 acres) quads. Additional changes took place throughout the county but were much smaller in size.	
<b>Unusual Changes</b>	
(Types of change not already described or special circumstances during the 2012 update.)	
Although not unusual, the following conversion was definitely noteworthy. This update there were approximately 1,200 acres of change involving the conversion of grazing land to dryland crop farming. Nonirrigated grain is part of the Farmland of Local Importance category in Modoc County.	

**Areas of Concern for Future Updates**

(Locations or map categories noted as needing careful checking during 2014 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 2012 update.*

Image interpretation, start date: 11/14/2014

Image interpretation, number of days: 10

Ground truth dates: 0

Number of days for post-ground truth clean-up: 0

*Further information on the Farmland Mapping and Monitoring Program can be found at: <http://www.conservation.ca.gov/dlrp/fmmp/Pages/Index.aspx>*