

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

2008 FIELD REPORT

COUNTY: Lake

FIELD MAPPER(S): Kerri Kisko

IMAGE DATA USED:

Source	United States Geological Survey
Acquisition date	October 2008
Data description	Color Infrared Scene, 30 meter resolution
Coverage gaps	none
Additional imagery used	Digital Globe Inc.; April 2007; True color mosaic, 1 foot resolution; covered bottom portion of county only

WRITTEN, DIGITAL & ORAL INFORMATION SOURCES:

The following entities and individuals provided information used to conduct 2008 mapping.

Local Review Comments (submitted by cities, counties, & others on 2006 maps)
None.
Personal Contacts
Katherine Blyleven; County of Lake, Department of Agriculture: 707-263-0217
Rob Saur; Pacific Gas and Electric Company, Environmental Services Division: 925-415-6371
Websites Used for Reference
Lake County California Information Portal: http://www.co.lake.ca.us/site3.aspx Google Maps, Street View: http://maps.google.com
GIS Data Used for Reference
California City Boundary Layer Lake County Base Map

2006-2008 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.

Conversions to Urban Land	
Irrigated Farmland to Urban Land	0 changes
There were no significant conversions of irrigated farmland to Urban Land this update.	

Nonirrigated Land Uses and Other Land to Urban Land		17 changes
<p>These changes were primarily due to the increased density of homes in existing housing areas resulting in changes from Other Land to Urban and Built-up Land. Approximately 125 acres of change occurred on the Benmore Canyon quad, north of Highway 20 along Spring Valley Road. Also, approximately 70 acres of change occurred within the Hidden Valley Lake community on the Middletown quad. Other changes were noted on the Kelseyville (~25 acres), Clearlake Highlands (~15 acres), and Lakeport (~10 acres) quads.</p> <p>Further changes were due to new home construction in the community of North Lakeport. Approximately 20 acres of new homes were added within two developments.</p>		
Conversions from Irrigated Farmland aside from urbanization		
Irrigated Farmland to Nonirrigated Land Uses		50 changes
<p>The majority of these changes were due to irrigated farmland having been fallow for three or more update cycles. Most of these changes were less than 30 acres and were scattered throughout the county. Larger conversions occurred on the Clearlake Highlands (~140 acres) and the Upper Lake (~105 acres) quads.</p> <p>Other conversions were due to the identification of nonirrigated grain. These changes primarily occurred on the Kelseyville and Upper Lake quads. All of the changes were less than 50 acres.</p>		
Irrigated Farmland to Other Land		3 changes
<p>Low-density housing (ranchettes) accounted for all of these changes. These changes were approximately 10 acres each and occurred on the Clearlake Highlands, Lakeport, and Upper Lake quads.</p>		
Conversions to Irrigated Farmland		
Nonirrigated Land Uses and Other Land to Irrigated Farmland		26 changes
<p>The majority of the newly irrigated farmland was in the form of vineyards. New vineyards were added throughout the county and most were between 10-30 acres in size. One change of note was an approximately 45-acre vineyard on the Clearlake Oaks quad. A few changes were due to new orchards. These orchards were all less than 20 acres in size.</p>		
Unusual Changes		
(Types of change not already described or special circumstances during the 2008 update.)		
<p>Nonirrigated Land Uses to Other Land: There were 56 conversions to Other Land. These changes were due to low-density housing (ranchettes), farmsteads, rural commercial, and mining facilities. These changes were scattered throughout the county and were primarily 30 acres or less in size.</p>		
<p>Conversions between Irrigated Farmland categories: There were 12 conversions between</p>		

irrigated farmland categories. These changes were due to nonirrigated orchards having been changed to irrigated orchards and the identification of one nonirrigated orchard. Nonirrigated orchards are considered Unique Farmland regardless of the underlying soil. These changes may result in conversions between Prime Farmland, Farmland of Statewide Importance, and Unique Farmland.

Conversions from Urban Land: There were 6 conversions from Urban Land. Approximately 45 acres of Urban Land was converted to Grazing Land due to the removal of water holding ponds at the site of a former landfill that has since been closed. The ponds were filled in with earth and trees were planted to absorb any excess groundwater in the area.

Further conversions to irrigated farmland, nonirrigated land uses, and Other Land were due to improved digital imagery that allowed for the delineation of more distinct urban boundaries.

Areas of Concern for Future Updates

(Locations or map categories noted as needing careful checking during 2010 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 2008 update.

Image interpretation, start date	March 16, 2010
Image interpretation, number of days	7
Ground truth dates	April 19, 2010 and April 22-23, 2010
Number of days for post-ground truth clean up	5

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