

**California Department of Conservation
Farmland Mapping and Monitoring Program**

2004 FIELD REPORT

COUNTY: Modoc

FIELD MAPPER(S): Larelle Burkham-Greydanus

IMAGERY:

source: NASA-Ames Research Center

date: July 21, 2004

scale: 1:130,000

film type: CIR Transparencies

coverage gaps: none

additional imagery: National Agricultural Imagery Program 2004 for Modoc County.

WRITTEN, DIGITAL & ORAL INFORMATION SOURCES: *Please list which local governments, interest groups, or individuals submitted comments on the 2002 maps. Also list all phone and in-person contacts made or related GIS data referenced while conducting the 2004 update.*

➤ *local review comments:* none

cities:

county:

others:

➤ *personal contacts:*

Shannon P. Ludwig, Wildlife Biologist
U. S. Fish & Wildlife Service
Modoc National Wildlife Refuge

Marco Buske, GIS Specialist
U.S. Fish and Wildlife Services
Tulelake Wildlife Refuge

➤ *websites:*

Modoc National Wildlife Refuge
<http://www.fws.gov/modoc/upcoming.htm#>

Tule Lake National Wildlife Refuge
<http://www.fws.gov/klamathbasinrefuges/tulelake/tulelake.html>

➤ *GIS data referenced:*

Tule Lake National Wildlife Refuge: tulelake.shp

2002-2004 CHANGES*: *Please summarize the most common changes to the maps. List*

representative locations (quads) of each type of change encountered. Make sure to list and describe particularly large, unusual or notable changes and give estimates of the acreage involved.

➤ **Irrigated Farmland to Urban Land**

None

➤ **Local, Grazing or Other Land to Urban Land**

None

➤ **Irrigated Farmland to Local or Grazing Land**

The majority of changes (~50) for this update cycle occurred in this category. All were due to land being left idle for three or more updates. The largest change was ~230 acres northwest of Alturas off of Highway 299 and Weitcher Road (Canby Quad). The second largest change was off of Highway 395 and County Road 133B, northeast of Alturas for ~200 ac. (Lauer Reservoir Quad). Land adjacent to the Tule Lake Airport was delineated for the third largest change of ~200 acres. The fourth largest change was adjacent to California Pines Resort for ~150 acres.

➤ **Irrigated Farmland to Other Land**

Seven changes overall were found in this category with the largest change being ~80 ac for land that was fallow for a minimum of 6 years and found to have railroad and agricultural infrastructure present.

➤ **Local, Grazing or Other Land to Irrigated Farmland**

Approximately 15 changes occurred in this category with the largest (~190 ac) on the Dorris Reservoir quad just south of Road 56 towards the Modoc National Forest boundary. The second largest was on the Surprise Station quad for ~90 ac. where a change from dry grains to irrigated agriculture was delineated. Likewise, on The Panhandle Quad, ~90 ac of irrigated pasture was delineated.

➤ **UNUSUAL:** *Category changes, complications with the Farmland of Local Importance definition, or any other special circumstances in 2004.*

There were complications with the Farmland of Local Importance definition as relating to its Land Capability Classification component, especially in the Surprise Valley area (east side of Modoc County) where there are no digital soil surveys completed. This should be alleviated when SSURGO data is available.

PROBLEM AREAS: *What locations and map categories need careful checking in 2006? Why?*

none

LABOR ESTIMATE: *Please estimate the amount of time spent on the following tasks.*

<i>photo interpretation, start date:</i>	7/13/05
<i>photo interpretation, number of days:</i>	7
<i>ground truthing dates:</i>	8/9 to 8/13/05
<i># days for map compilation and clean up:</i>	6

* **Note:** **Irrigated Farmland** = Prime Farmland, Farmland of Statewide Importance or Unique Farmland; **Local** = Farmland of Local Importance

Further information on the Farmland Mapping and Monitoring Program can be found at:
www.consrv.ca.gov/dlrp/fmmp