

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

2004 FIELD REPORT

COUNTY: Siskiyou

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 Siskiyou 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 available

cities:

county:

others:

➤ *personal contacts:*

Marc Hoffner, Computer Mapping Specialist
Siskiyou County Planning Department

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

Jim Stout, Resource Officer
Butte Valley National Grasslands

Ken Zarzynski, GIS Analyst
Klamath National Forest
Butte Valley National Grassland

Dave Van Baren, Wildlife Biologist
Butte Valley State Wildlife Area

Michael McVey,
Mike Farmer, Fish and Wildlife Technician
Shasta Valley and Horseshoe Ranch Wildlife Areas

➤ *websites:*

Klamath Lake and Tulelake Refuges

<http://www.fws.gov/klamathbasinrefuges/lowerklamath/lowerklamath.html>

Butte Valley State Wildlife Area

<http://www.dfg.ca.gov/lands/wa/region1/buttevalley.html>

Shasta Valley State Wildlife Area

<http://www.dfg.ca.gov/lands/wa/region1/shastavalley.html>

Horseshoe Ranch State Wildlife Area

<http://www.dfg.ca.gov/lands/wa/region1/horseshoeranch.html>

➤ *GIS data referenced:*

Lower Klamath and Tule Lake National Wildlife Refuge: klamath_units.shp and tulelake.shp

Butte Valley National Grasslands: butte_valley_national_grasslands.shp and bvng_no_grazing.shp

Butte Valley State Wildlife Area: bvwa_aerialphotoboundary.shp, bvwa_aerialphotograinfields.shp, bvwa_aerialphotowelandunits.shp, and bvwa_FarmingandGrazing.shp

Shasta Valley Wildlife Area: svwa_grazing_area.shp, svwa_irrigated_farmland.shp, svwa_nonirrigated_farmland.shp, and SVWASTRM.shp

California Department of Fish and Game (for all other California State Wildlife Areas within Siskiyou County): dfg_lands.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**

These changes were for irrigated farmland that had been fallow for 6 years or more. A large portion of the Lower Klamath Wildlife Area was changed to Grazing because of confirmation of continued grazing leases within dedicated areas. Otherwise, a majority of the changes occurred west and southwest of Dorris for ~480 acres total (Sam's Neck & Macdoel Quads). The next largest group of changes was for ~310 ac southeast of Dorris (Red Rock Lakes Quad). And third largest was for 280 ac east of Yreka (Gazelle, Lake Shastina, and Juniper Flat Quads).

➤ **Irrigated Farmland to Other Land**

A large portion of the Butte Valley Wildlife Area (~3,600 ac), Lower Klamath Wildlife Refuge and Tulelake Wildlife Refuge was changed from Irrigated Farmland to Other Land because farming was no longer allowed (for a total of ~10,500 total ac). A majority of this area was fallow for 4 to 10 years minimum, thus the changes were confirmed with the contacts and data layers listed above.

The dedicated farmed areas from these Wildlife Areas and refuges remain in the Irrigated Farmland category due to the confirmation of leases and coop farming for commercial production.

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

The largest single change occurred west of the town of Etna for ~70 ac. All other changes were 10 acres or less and spread throughout the county.

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

There was ~ 5900 ac. of Local to Other land conversion due to the confirmation of large areas of Butte Valley National Grasslands (~1,300 ac.), Butte Valley Wildlife Area (~1,900 ac.), Shasta Valley Wildlife Area (~700 ac.) and Lower Klamath/Tulelake Refuges (~2,000 ac.).

Likewise, there was a large Grazing to Other Land conversion of 11,200 ac. for the Butte Valley National Grasslands (~300 ac.), Butte Valley Wildlife Area (~1,500 ac.), Shasta Valley Wildlife Area (~3,200 ac.), and for the Horseshoe Ranch Wildlife Area (~6,200 ac.). This conversion is for the dedicated areas within the Wildlife Areas and Grasslands that will no longer allow grazing.

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

Continue to monitor areas within the Lower Klamath, Tule Lake National Wildlife Refuge, Butte Valley National Grasslands, and Butte Valley State Wildlife Area for consistency with revised agricultural management plans as noted in this update.

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

photo interpretation, start date: January 4, 2006

photo interpretation, number of days: 9

ground truthing dates: none-unable to access county due to winter storms

days for map compilation and clean up: 3

* **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