

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

2000 FIELD REPORT

COUNTY: Solano

FIELD MAPPER(S): Jan Carey / Cathy Keeling

PHOTOGRAPHY:

source: NASA-Ames Research
date: September 9, 1999
scale: 1 :130,000
film type: CIR
coverage gaps: none

WRITTEN OR ORAL INFORMATION SOURCES: *Please list which local governments, interest groups, or individuals submitted comments on the 1998 maps. Also list all phone and in-person contacts made while conducting the 2000 update.*

➤ *local review comments*

cities: none
county: corrections submitted by Kate Boyle,
Solano County Environmental Mgmt Dept., 2-15-00.
1) North Vacaville Area – 45.2 ac. From G to X
2) Fieldcrest Planned Development (City of Fairfield) 102 ac G to D.
Response: The field team found by photo and field check that much
of this area is graded but not developed, so it will be incorporated
into the next cycle change.
others: none

➤ *personal contacts:*

Tom Harvey, National Fish and Wildlife Service (future manager of the proposed
North Delta National Refuge, Liberty and Prospect Islands), 916-775-4426,
currently managing Stone Lakes Preserve, Elk Grove.
Richard Hadley, National Fish and Wildlife Service, 916-414-6571.
Chamber of Commerce, Benicia received phone numbers for info.
Martinez 925-228-2345
Vallejo 707-644-5551
Benicia State Ranger 707-648-1911

➤ *websites:*

Welcome to Solano County: www.co.solano.ca
Calif. Ecological Restoration Projects Inventory: www.ice.ucdavis.edu/cerpi
Inventory of Recreational Facilities: www.delta.ca.gov

1998-2000 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.*

➤ P, S, U → D

11 changes. Most individual changes from these categories of agricultural land to developed land are small, ranging from approximately 4 acres to 35 acres. The Dixon Quad has the most total converted acreage at ~90 acres mainly in agricultural processing, new warehouses, and manufacturing. The Dozier Quad has a 50-acre addition (in two plots) to the B & J Sanitary Land Fill.

➤ L, G, X → D

11 changes. There is no local category for this county. The most notable changes from the G & X categories to developed land are in the Cordelia Quad with approximately 260 acres of grazing land moving to housing. The Hiddenbrooke housing development and golf club alone grew ~155 acres, and continues to expand. Individual changes in the other quads are relatively smaller, less than 35 acres.

➤ P, S, U → L, G

7 changes. The most notable shift to grazing is approximately 180 acres in the Rio Vista Quad. The Dozier Quad follows with ~86 acres.

➤ P, S, U → X

18 changes. There is a substantial shift from the agricultural categories to X land primarily due to the designation of natural reserves, wetlands, and recreational land. Approximately 965 acres of Hastings Island is not farmed and is owned by the Hastings Hunting Preserve, a private club. Prospect Island (~1200 acres) is owned by the U.S. Bureau of Reclamation, with restoration to native vegetation soon. Negotiations are still taking place to finalize the property transfer to North Delta National Refuge with more acreage to the west and the north, will include Prospect Island, and will eventually encompass Liberty Island. (now ~3220 acres under daily tidal influence, flooded in photos '99, '97, '95)

➤ L, G, X → P, S, U

3 changes. There are three new irrigated agriculture sites. The Mt. Vaca Quad. added a ~25 acre orchard (P). The Allendale Quad had 3 conversions, a ~35 acre orchard (P), a ~100 acre expansion to the Hines Nursery, with the plants grown in pots (U), and ~20 acres new irrigated agriculture (S).

➤ **UNUSUAL:** *Category changes, complications with the Farmland of Local Importance definition, or any other special circumstances in 2000*

- 1) There are large areas of non-irrigated wheat growing in the Montezuma Hills and elsewhere that are considered grazing because there is no L designation for this county.
- 2) There is a very large addition of land to the X category (~2420 acres), with more to come both in Solano and Yolo counties.
- 3) Yolo Bypass areas, meant to be flooded, come back into ag intermittently.

PROBLEM AREAS: *What locations and map categories need careful checking in 2002? Why?*

- 1) More wildlife reserve additions (X) in delta areas, for example, the proposed North Delta National Wildlife Refuge and the Montezuma Wetlands Project.
- 2) More housing additions such as Hiddenbrooke and other developments in the Cordelia Quad, as well as expansion of the Trilogy and Golf Club developments in the Rio Vista area.
- 3) There are large retail and industrial projects, as well as the Solano Steelheads Baseball Park going in near the Nut Tree area in the Allendale and Elmira Quads.

OUT OF DATE BASE MAPS: *Please list any base maps used for update or publication of this county which are woefully out of date due to extensive new development, road construction, etc.*

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

photo interpretation, start date: 4/3/01
photo interpretation, number of days: 7 days
ground truthing dates: 4/17, 4/18, and 4/19/01
days for map compilation and clean up: 9 days

* **Note:** P = Prime Farmland; S = Farmland of Statewide Importance; U = Unique Farmland; L = Farmland of Local Importance; G = Grazing Land; D = Urban and Built-up Land; X = Other Land; W = Water Areas; I = Irrigated Farmland; N = Nonirrigated Farmland

Further information on the Farmland Mapping and Monitoring Program can be found at:

www.consrv.ca.gov/dlrp/fmmp