

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

2002 FIELD REPORT

COUNTY: Napa

FIELD MAPPER(S): Patrick Hennessy

IMAGERY:

source: NASA-Ames Research Center
date: September 7, 2001
scale: 1:130,000
type: CIR Transparencies
coverage gaps: none
additional imagery: none

WRITTEN, DIGITAL & ORAL INFORMATION SOURCES: *Please list which local governments, interest groups, or individuals submitted comments on the 2000 maps. Also list all phone and in-person contacts made or related GIS data referenced while conducting the 2002 update.*

➤ *local review comments*
cities: Calistoga
county:
others:

➤ *personal contacts:* none

➤ *websites:* <http://www.co.napa.ca.us/>

➤ *GIS data referenced:* 1999 Department of Water Resources land use survey

2000-2002 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.*

Note: This is the first digital update for Napa County. Using improved digital resources, more accurate boundaries were drawn throughout the county. Therefore, adjustments were made in all categories throughout the county. The changes listed below are only representative of the total number of actual changes.

➤ **Irrigated Farmland to Urban Land**

Only one conversion from irrigated farmland to urban land near Rutherford. A cluster of buildings among vines was dense enough to map as urban. The acreage involved is relatively small.

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

The conversion from Local, Grazing and Other land to Urban accounted for 10 changes. The La Vigne Homes in American Canyon changed 130 acres to urban land. Additional homes in American Canyon changed two locations to urban (80 and 30 acres). Near the city of Napa, 60 acres of homes were mapped. Industrial sites contributed over 60 acres of urban land near the interchange of Highways 29 and 12. East of the city of Napa, an area mapped as Other land was changed to Urban due to increased building density.

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

There are four total changes from Irrigated farmland to Local or Grazing land. All of these changes consist of land going fallow for three or more update cycles. The total acreage involved is approximately 120 acres.

➤ **Irrigated Farmland to Other Land**

The conversion from Irrigated farmland to Other land occurred six times. Five of these changes were from farmland going fallow for three or more update cycles (10,15,15,18,40 acres). The last change is a ten acre ranchette identified among vineyards.

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

New vineyards accounted for 110 conversions from Local, Grazing and Other land to Irrigated farmland. This is obviously the most significant change to occur this update. The new irrigated farmland is occurring in a variety of locations throughout the county. Not only are the locations varied, so are the acreages of the new vines. Some new vineyards are ten acres while the largest change involved 260 acres. A large number of the new vineyards are located in the hills and mountains above the Napa Valley as well as expansions to existing vineyards in the Pope Valley. The easiest way to show the distribution of this type of change is with a list of the USGS 1:24,000 quadrangle the changes occurred on, followed by the acres of the changes.

Cordelia (24, 50, & 50 acres).

Cuttings Wharf (250 & 260 acres).

Fairfield North (10, 40, & 100 acres).

Mt. George (10, 10, 15, 16, 20, 20, 25, 35, 40, 70, & 135 acres).

Napa (10, 10, 15, 20, 25, 30, 30, 35, 35, 35, 37, 45, 60, 70, & 75 acres)

Sonoma (10, 10, 10, 20, 35, 60, & 70 acres)

Capell Valley (18, 20, 25, 50, 70, & 125 acres)

Yountville (30, 30, 52, 75, 105, & 135 acres)

Rutherford (10, 10, 10, 10, 12, 15, 17, 19, 20, 20, 24, & 55 acres)

Kenwood (10 acres)

Chiles Valley (17, 20, 25, & 30 acres)

St. Helena (10 acres x 20, 25, 44, & 50 acres)

Calistoga (10, 10, 10, 10, 10, 10, & 18 acres)
Aetna Springs (10, 10, 10, 12, 15, 15, 70, 80, & 110 acres)

➤ **UNUSUAL:** *Category changes, complications with the Farmland of Local Importance definition, or any other special circumstances in 2002.*

* Urban to Other, Grazing Land – Eight changes of this type, most of the changes were from boundary adjustments, a lack of structure density, or abandoned Urban uses. In one instance, 60 acres were removed from Urban because there were hardly any structures at all.

* Urban to Irrigated Farmland – North of the city of Napa, land that was mapped as Urban because of buildings had a substantial amount of vines planted. The area of vines was now greater than the area occupied by buildings so the land was merged with the surrounding Irrigated Farmland. Within the city of Napa, new vines were planted on previously idle land.

PROBLEM AREAS: *What locations and map categories need careful checking in 2004? Why?*

The area around the city of Napa will likely have some new housing developments, and of course watch for small vineyards on hillsides and ridgelines above the Napa Valley and within minor valleys and canyons throughout the county.

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

photo interpretation, start date: September 5, 2002

photo interpretation, number of days: 15

ground truthing dates: October 21-24, 2002

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