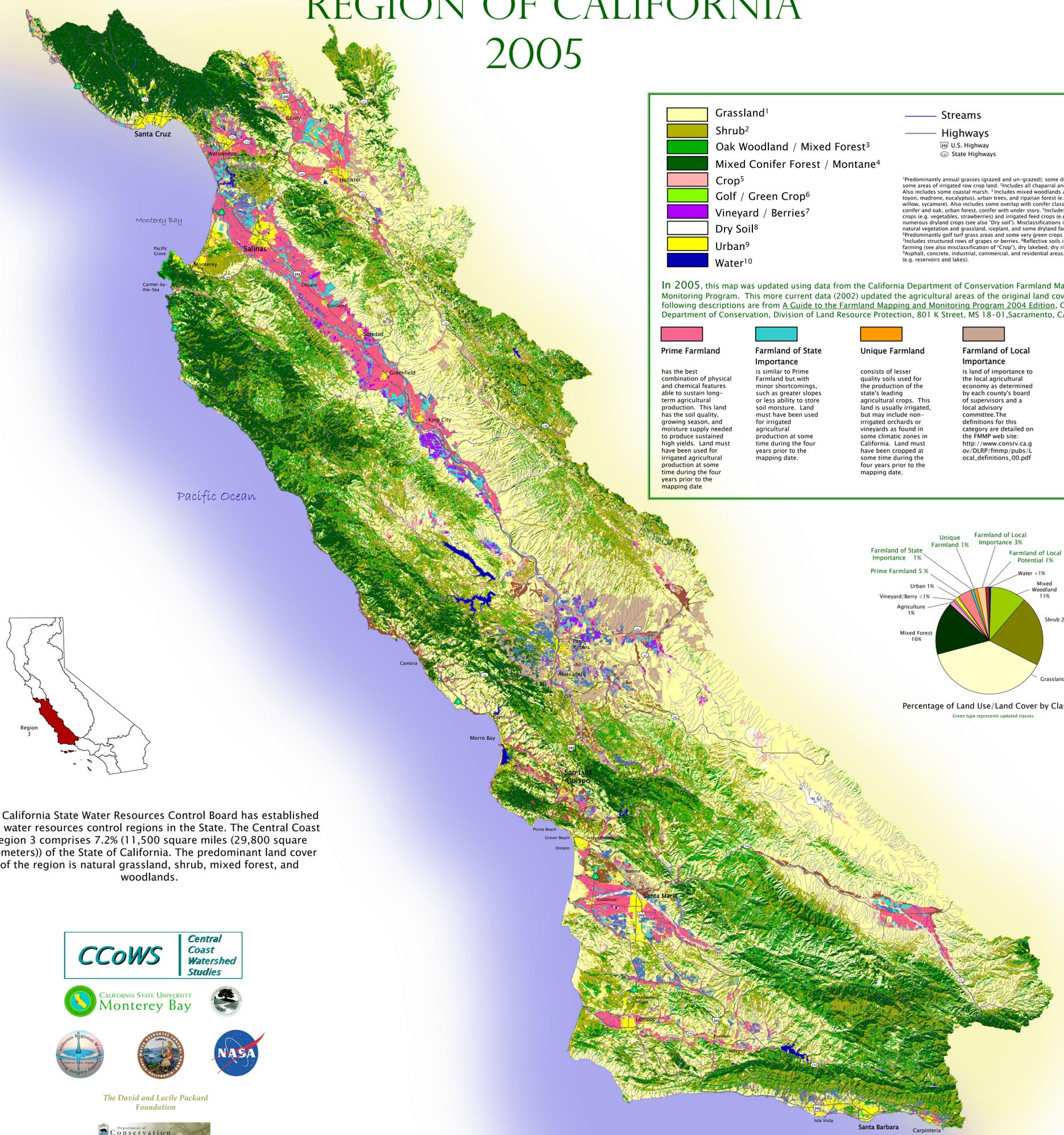


LAND USE / LAND COVER OF THE CENTRAL COAST REGION OF CALIFORNIA 2005



Legend

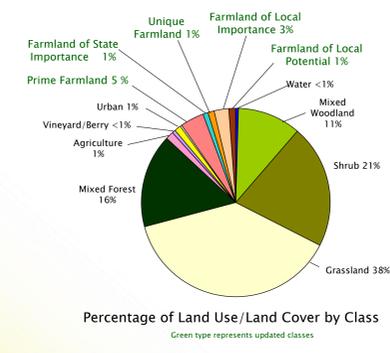
- Grassland¹
- Shrub²
- Oak Woodland / Mixed Forest³
- Mixed Conifer Forest / Montane⁴
- Crop⁵
- Golf / Green Crop⁶
- Vineyard / Berries⁷
- Dry Soil⁸
- Urban⁹
- Water¹⁰

Streams
Highways
 U.S. Highway
 State Highways

¹Predominantly annual grasses (grazed and un-grazed); some dune. Also includes some areas of irrigated row crop land. ²Includes all chaparral and other scrublands. Also includes some coastal marsh. ³Includes mixed woodlands and forests (e.g. oak, toyon, madrone, eucalyptus), urban trees, and riparian forest (e.g. alder, cottonwood, willow, sycamore). Also includes some overlap with conifer classes. ⁴Predominantly conifer and oak, urban forest, conifer with under story. ⁵Includes mainly irrigated row crops (e.g. vegetables, strawberries) and irrigated feed crops (e.g. alfalfa). Also numerous dryland crops (see also "Dry Soil"). Misclassifications include: recently burnt natural vegetation and grassland, iceplant, and some dryland farming areas. ⁶Predominantly golf turf grass areas and some very green crops such as lettuce. ⁷Includes structured rows of grapes or berries. ⁸Reflective soils include some dryland farming (see also misclassification of "Crop"), dry lakebed, dry river bed, and mining. ⁹Asphalt, concrete, industrial, commercial, and residential areas. ¹⁰Bodies of water (e.g. reservoirs and lakes).

In 2005, this map was updated using data from the California Department of Conservation Farmland Mapping and Monitoring Program. This more current data (2002) updated the agricultural areas of the original land cover map. The following descriptions are from *A Guide to the Farmland Mapping and Monitoring Program 2004 Edition*, California Department of Conservation, Division of Land Resource Protection, 801 K Street, MS 18-01, Sacramento, CA 95814

Prime Farmland	Farmland of State Importance	Unique Farmland	Farmland of Local Importance	Farmland of Local Potential
has the best combination of physical and chemical features able to sustain long-term agricultural production. This land has the soil quality, growing season, and moisture supply needed to produce sustained high yields. Land must have been used for irrigated agricultural production at some time during the four years prior to the mapping date.	is similar to Prime Farmland but with minor shortcomings, such as greater slopes or less ability to store soil moisture. Land must have been used for irrigated agricultural production at some time during the four years prior to the mapping date.	consists of lesser quality soils used for the production of the state's leading agricultural crops. This land is usually irrigated, but may include non-irrigated orchards or vineyards as found in some climatic zones in California. Land must have been cropped at some time during the four years prior to the mapping date.	is land of importance to the local agricultural economy as determined by each county's board of supervisors and a local advisory committee. The definitions for this category are detailed on the FMMP web site: http://www.consrv.ca.gov/DLRP/fmmp/pubs/Local_definitions_00.pdf	has the best combination of physical and chemical features able to sustain long-term agricultural production. This land has the soil quality, growing season, and moisture supply needed to produce sustained high yields. Land must have been used for irrigated agricultural production at some time during the four years prior to the mapping date.



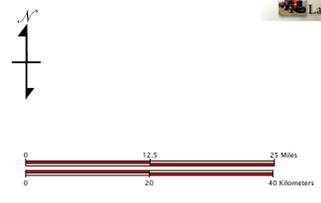
The California State Water Resources Control Board has established nine water resources control regions in the State. The Central Coast Region 3 comprises 7.2% (11,500 square miles (29,800 square kilometers)) of the State of California. The predominant land cover of the region is natural grassland, shrub, mixed forest, and woodlands.

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Monterey Bay

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Division of Land Resource Protection



* Known classification errors. No agricultural row crop in this area.

The original Land Use/Land Cover map was produced by W. Newman and F. Watson, January 2003. Classification of land use/land cover was derived from Landsat TM imagery (dates of images April, July, November 2000, June, July 2001). Streams layer is from a USGS NHD dataset. The highway data layer is from California Spatial Data Library <http://gis.ca.gov>. All other layers were developed by the Watershed Institute. The Farmlands Mapping and Monitoring Program data were acquired from the California Department of Conservation's website: <http://www.consrv.ca.gov/DLRP/fmmp/>

Image and vector processing were done with Microimages TNT Mips, ERDAS Imagine 8.7 and ESRI ArcMap 9. Details on the processing of this image can be found in the accompanying report(s) listed below.

This map was produced under SWRCB contract 03-174-253-0. Copyright © Watershed Institute 2005. Publication Number WI-2005-08. <http://science.csumb.edu/~ccows>

Suggested map citation:
Newman, W.B. & Watson, F.G.R. (2005) *Land Use / Land Cover of the Central Coast Region of California 2005*. The Watershed Institute, California State University Monterey Bay, Publication No. WI-2005-08.

This map is accompanied by two reports:
Larson, J., Newman, W.B., Watson, F.G.R. (2005) *Regional Mapping and Sediment Services The Watershed Institute, California State University Monterey Bay*, Publication No. WI-2005-07, 68 pp.
Newman, W.B., Watson, F.G.R., Angelo, M., Casagrande, J., Felkert, B. (2003) *Land Use History and Mapping in California's Central Coast Region*. The Watershed Institute, California State University Monterey Bay, Publication No. WI-2003-03, 68 pp.



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