

California Important Farmland: 2018 (DL)

Identification Information:

Citation:

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Publication Date: 20160607

Title: California Important Farmland: 2018 (DL)

Geospatial Data Presentation Form: vector digital data

Other Citation Details: Farmland Mapping and Monitoring Program, Division of Land Resource Protection, California Department of Conservation

Description:

Abstract: This dataset may be a mix of two years and is updated as the data is released for each county. For example, one county may have data from 2014 while a neighboring county may have had a more recent release of 2016 data. For specific years, please check the service that specifies the year, i.e. California Important Farmland: 2016. Established in 1982, Government Code Section 65570 mandates FMMP to biennially report on the conversion of farmland and grazing land, and to provide maps and data to local government and the public. The Farmland Mapping and Monitoring Program (FMMP) provides data to decision makers for use in planning for the present and future use of California's agricultural land resources. The data is a current inventory of agricultural resources. This data is for general planning purposes and has a minimum mapping unit of ten acres.

Purpose: The Farmland Mapping and Monitoring Program (FMMP) provides data to decision makers for use in planning for the present and future use of California's agricultural land resources. The data is a current inventory of agricultural resources. This data is for general planning purposes and has a minimum mapping unit of ten acres.

Supplemental Information: The Important Farmland survey area is based on Natural Resources Conservation Service (NRCS) modern soil surveys covering most non-governmental lands in California; 49 counties are fully or partially surveyed at this time. Soil surveys specific to National Forests or other government land units are not surveyed. Beginning in 2002, SSURGO digital soil information was incorporated into the Important Farmland data and the 2016 data began to incorporate the new NRCS Gridded Soil Survey (gSSURGO). Data subsequent to 2002 may have acreage and soil line differences due to incorporation of newer NRCS-SSURGO or gSSURGO editions. Prior to the availability of SSURGO or gSSURGO, soil information was hand-transferred from the paper soil surveys. Older versions of the data have not been modified. The land use minimum mapping unit of ten acres has not changed, but digital soil units of less than one acre occur in the gSSURGO-enhanced Important Farmland data. The data between 2002 and 2014 incorporates SSURGO and the interaction of land use and soil components resulted in units of less than ten acres for categories such as Other Land (or Nonagricultural and Natural Vegetation). The 2016 data incorporates gSSURGO and will no longer merge resulting polygons less than one acre for any map category. For more information on gSSURGO, contact the USDA-Natural Resources Conservation Service: <https://www.nrcs.usda.gov/wps/portal/nrcs/detail/soils/survey/geo/?cid=nrcs142p2_053628>

Status:

Progress: In work

Maintenance and Update Frequency: Biannually

Spatial Domain:

Bounding Coordinates:

West Bounding Coordinate: -122.785112

East Bounding Coordinate: -114.130793

North Bounding Coordinate: 40.151729

South Bounding Coordinate: 32.618408

Keywords:

Theme:

Theme Keyword Thesaurus: None

Theme Keyword: Farmland
Theme Keyword: California Farmland
Theme Keyword: Farmland Monitoring
Theme Keyword: Urbanization
Theme Keyword: Land Use
Theme Keyword: Agriculture
Theme Keyword: Conservation
Theme Keyword: Prime Farmland
Theme Keyword: FMMP
Theme Keyword: Important Farmland

Theme:

Theme Keyword Thesaurus: ISO 19115 Topic Categories
Theme Keyword: farming
Theme Keyword: economy

Place:

Place Keyword Thesaurus: None
Place Keyword: California

Temporal:

Temporal Keyword Thesaurus: None
Temporal Keyword: 1984-Present (Biannual)

Access Constraints: None

Use Constraints: This data does not reflect general plan or zoning designations, city limit lines, changing economic or market conditions, or other factors which may be taken into consideration when land use policies are determined. This data is not designed to be used for parcel specific planning purposes due to its scale and the size of the minimum mapping unit (10 acres). The Department of Conservation makes no warranties as to the suitability of this data for any particular purpose.

Point of Contact:**Contact Information:****Contact Organization Primary:**

Contact Organization: California Department of Conservation, Division of Land Resource Protection,
Farmland Mapping and Monitoring Program

Contact Address:

Address Type: mailing and physical
Address: 715 P Street, MS 1900
City: Sacramento
State or Province: CA
Postal Code: 95814
Country: US

Contact Voice Telephone: 916-327-0850

Contact Facsimile Telephone: 916-327-3430

Contact Electronic Mail Address: fmmp@conservation.ca.gov

Hours: 8am to 5pm PST

Data Set Credit: Farmland Mapping and Monitoring Program, Division of Land Resource Protection, California Department of Conservation

Native Data Set Environment: Version 6.2 (Build 9200) ; Esri ArcGIS 10.4.0.5524

Spatial Data Organization Information:

Direct Spatial Reference Method: Vector

Point and Vector Object Information:

SDTS Terms Description:

SDTS Point and Vector Object Type: GT-polygon composed of chains

Point and Vector Object Count: 53637

Entity and Attribute Information:**Detailed Description:****Entity Type:**

Entity Type Label: ETSD."DOCNET\NROTH".cif_2014

Attribute:

Attribute Label: OBJECTID

Attribute Definition: Internal feature number.

Attribute Definition Source: Esri

Attribute Domain Values:

Unrepresentable Domain: Sequential unique whole numbers that are automatically generated.

Attribute:

Attribute Label: Shape

Attribute Definition: Feature geometry.

Attribute Definition Source: Esri

Attribute Domain Values:

Unrepresentable Domain: Coordinates defining the features.

Attribute:

Attribute Label: county_nam

Attribute Definition: County name identified by a three letter abbreviation.

Attribute Definition Source: County abbreviations are in the text file located at the following url:

<ftp://consrv.ca.gov/pub/dlrp/FMMP/county_index.txt>

Attribute:

Attribute Label: upd_year

Attribute Definition: The year the data was captured.

Attribute Definition Source: FMMP updates their data biennially.

Attribute:

Attribute Label: polygon_ac

Attribute Definition: The acreage of the polygon feature.

Attribute Definition Source: Computer calculated.

Attribute:

Attribute Label: Shape_Leng

Attribute:

Attribute Label: polygon_ty

Attribute Definition: Identifies the mapping categories used by the Farmland Mapping and Monitoring Program.

Attribute Definition Source: Definitions were developed by the USDA-NRCS as part of their nationwide Land Inventory and Monitoring (LIM) system.

Attribute Domain Values:

Enumerated Domain:

Enumerated Domain Value: Prime Farmland (P)

Enumerated Domain Value Definition: Irrigated land with the best combination of physical and chemical features able to sustain long term production of agricultural crops. This land has the soil quality, growing season, and moisture supply needed to produce sustained high yields. Land must have been used for production of irrigated crops at some time during the four years prior to the mapping date.

Attribute Domain Values:

Enumerated Domain:

Enumerated Domain Value: Farmland of Statewide Importance (S)

Enumerated Domain Value Definition: Irrigated land similar to Prime Farmland that has a good combination of physical and chemical characteristics for the production of agricultural crops. This land has minor shortcomings, such as greater slopes or less ability to store soil moisture than Prime Farmland. Land must have been used for production of irrigated crops at some time during the four years prior to the mapping date.

Attribute Domain Values:

Enumerated Domain:

Enumerated Domain Value: Unique Farmland (U)

Enumerated Domain Value Definition: 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.

Attribute Domain Values:

Enumerated Domain:

Enumerated Domain Value: Farmland of Local Importance (L)

Enumerated Domain Value Definition: Land of importance to the local agricultural economy as determined by each county's board of supervisors and a local advisory committee. Download a complete set of the Farmland of Local Importance definitions in PDF format:
https://www.conservation.ca.gov/dlrp/fmmp/Documents/Farmland_of_Local_Importance_2016.pdf

Attribute Domain Values:

Enumerated Domain:

Enumerated Domain Value: Grazing Land (G)

Enumerated Domain Value Definition: Land on which the existing vegetation is suited to the grazing of livestock. This category is used only in California and was developed in cooperation with the California Cattlemen's Association, University of California Cooperative Extension, and other groups interested in the extent of grazing activities.

Attribute Domain Values:

Enumerated Domain:

Enumerated Domain Value: Urban and Built-Up Land (D)

Enumerated Domain Value Definition: Urban and Built-Up land is occupied by structures with a building density of at least 1 unit to 1.5 acres, or approximately 6 structures to a 10-acre parcel. Common examples include residential, industrial, commercial, institutional facilities, cemeteries, airports, golf courses, sanitary landfills, sewage treatment, and water control structures.

Attribute Domain Values:

Enumerated Domain:

Enumerated Domain Value: Other Land (X)

Enumerated Domain Value Definition: Land which does not meet the criteria of any other category. Typical uses include low density rural development, heavily forested land, mined land, or government land with restrictions on use. This category was subdivided into R, V, CI, and nv beginning with the 2004

data in 8 San Joaquin Valley counties and Mendocino County. Subsequently, R was subdivided into sAC and R beginning with the 2006 data.

Attribute Domain Values:**Enumerated Domain:**

Enumerated Domain Value: Water (W)

Enumerated Domain Value Definition: Water areas with an extent of at least 40 acres.

Attribute Domain Values:**Enumerated Domain:**

Enumerated Domain Value: Rural Residential Land (R)

Enumerated Domain Value Definition: This includes residential areas of one to five structures per ten acres.

Attribute Domain Values:**Enumerated Domain:**

Enumerated Domain Value: Vacant or Disturbed Land (V)

Enumerated Domain Value Definition: This consists of open field areas that do not qualify for an agricultural category, mineral and oil extraction areas, and rural freeway interchanges.

Attribute Domain Values:**Enumerated Domain:**

Enumerated Domain Value: Confined Animal Agriculture (CI)

Enumerated Domain Value Definition: This includes aquaculture, dairies, feedlots, and poultry facilities.

Attribute Domain Values:**Enumerated Domain:**

Enumerated Domain Value: Nonagricultural and Natural Vegetation (nv)

Enumerated Domain Value Definition: This covers heavily wooded, rocky or barren areas, riparian and wetland areas, grassland areas which do not qualify for Grazing Land due to their size or land management restrictions, and small water bodies. Constructed wetlands are also included in this category.

Attribute Domain Values:**Enumerated Domain:**

Enumerated Domain Value: Semi-Agricultural and Rural Commercial Land (sAC)

Enumerated Domain Value Definition: This includes farmsteads, agricultural storage and packing sheds, unpaved parking areas, composting facilities, equine facilities, firewood lots, and campgrounds.

Attribute:

Attribute Label: MetadataLink

Attribute Definition: A URL to a web page with metadata for the feature.

Attribute:

Attribute Label: County

Attribute Definition: Full name of the county containing the feature

Attribute:

Attribute Label: PopupInfo

Attribute Definition: An HTML snippet with formatted information about the feature drawn from its attributes. Intended for display using HTML popup functionality.

Attribute:

Attribute Label: Shape.STArea()

Attribute:

Attribute Label: Shape.STLength()

Metadata Reference Information:

Metadata Date: 20160607

Metadata Contact:

Contact Information:

Contact Organization Primary:

Contact Organization: California Department of Conservation, Division of Land Resource Protection, Farmland Mapping and Monitoring Program

Contact Address:

Address Type: mailing and physical

Address: 715 P Street, MS 1900

City: Sacramento

State or Province: CA

Postal Code: 95814

Country: US

Contact Voice Telephone: 916-327-0850

Contact Facsimile Telephone: 916-327-3430

Contact Electronic Mail Address: fmmp@conservation.ca.gov

Hours: 8am to 5pm PST

Metadata Standard Name: FGDC Content Standard for Digital Geospatial Metadata

Metadata Standard Version: FGDC-STD-001-1998

Metadata Time Convention: local time