



DRMS (Delta Risk Management Strategy)
Infrastructure Data Catalog

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Created July 2006

DRMS (Delta Risk Management Strategy)

DWR

- [-] PB5J_Data_070506
 - [-] Data
 - [-] Basemap
 - [-] RDParcels
 - 0001
 - 0002
 - 0003
 - 0010
 - 0017
 - 0038
 - 0070
 - 0108
 - 0141
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 - 0225
 - 0274
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- Drexler

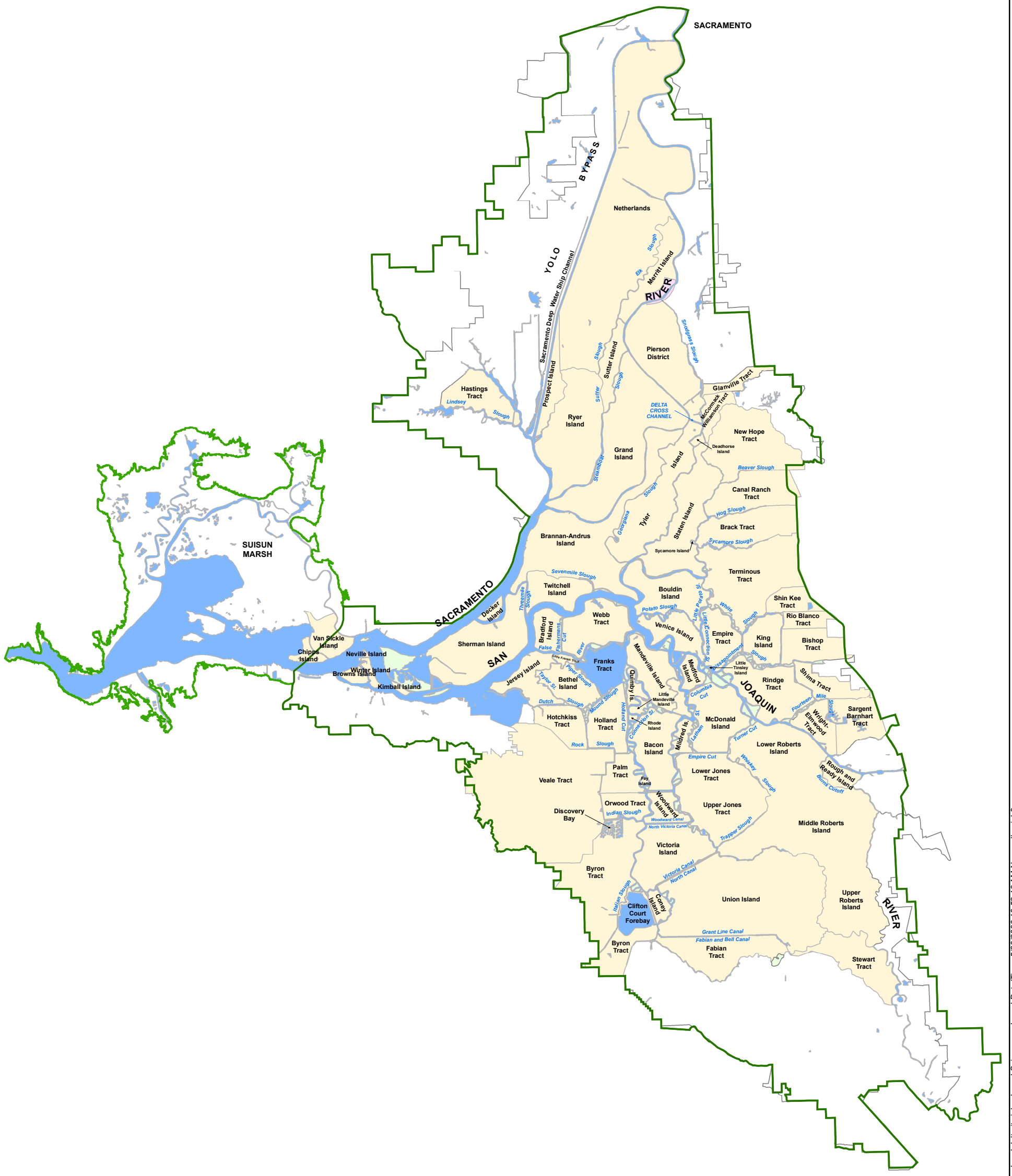
- districts_flood_management
 - dwr_maintenance_areas
 - flood_control_districts
 - levee_districts
 - local_districts_delta_marsh_active
 - municipal_improvement_districts
 - reclamation_districts
- ca_counties
- Cities_Delta
- Delta_Roads
- Delta_Roads
- legal_delta
- parcels_legaldelta_NAD83
- ReclamationDistricts
- rivers_ca_local
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- zipcodes_ca
- ESRIBA
 - air_trans
 - businesses_all
 - hc_ambulatory
 - hc_hospitals
 - hc_nursing_res
 - pipeline_trans
 - utilities
 - water_trans
- HAZUS
 - EF
 - eqCareFlty
 - eqEmergencyCtr
 - eqFireStation
 - eqPoliceStation
 - eqSchool
 - flCareFlty
 - flEmergencyCtr
 - flFireStation
 - flPoliceStation
 - flSchool
 - hzCareFlty
 - hzEmergencyCtr
 - hzFireStation
 - hzPoliceStation
 - hzSchool
 - HPLF
 - eqDams
 - eqHazmat
 - eqLevees
 - eqMilitary
 - eqNuclearFlty
 - hzDams
 - hzHazmat
 - hzLevees
 - hzMilitary
 - hzNuclearFlty
 - UTIL
 - eqCommunicationFlty
 - eqElectricPowerFlty
 - eqNaturalGasDL
 - eqNaturalGasFlty
 - eqNaturalGasPl

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- eqOilFlty
- eqOilPI
- eqPotableWaterDL
- eqPotableWaterFlty
- eqPotableWaterPI
- eqWasteWaterDL
- eqWasteWaterFlty
- eqWasteWaterPI
- flElectricPowerFlty
- flExposureUtil
- flNaturalGasFlty
- flNaturalGasPI
- flOilFlty
- flOilPI
- flPotableWaterFlty
- flPotableWaterPI
- flWasteWaterFlty
- flWasteWaterPI
- hzCommunicationFlty
- hzElectricPowerFlty
- hzNaturalGasFlty
- hzNaturalGasPI
- hzOilFlty
- hzOilPI
- hzPotableWaterFlty
- hzPotableWaterPI
- hzWasteWaterFlty
- hzWasteWaterPI
- CommunicationsFacility
- Dams
- ElectricPowerFacility
- FireStations
- Hazmat
- NaturalGasFacility
- NuclearFacility
- OilFacility
- PoliceStations
- PotableWaterFacility
- Schools
- WasteWaterFacility
- Misc
 - bethel_encroachments
 - superfund_sites
- Sewer
 - sewage_treat
 - solid_waste_facilities
- Structure
 - CA_LEVEE_INVENTORY_051706
 - CA_LEVEE_CL
 - boatlaunch
 - buildings
 - Levees
 - Licensed_Healthcare_Facilities
 - mineplant-fU506
 - Prisons
 - Universities
- Transportation
 - airport_points
 - bridges


- Ferry
 - intermodal_terminal_facilities
 - rail_100000_nodes
 - railroads
 - Utility
 - gas_oil_production_fields
 - gas_oil_wells
 - gas_pipeline_kinder_morgan_LS_9
 - substation_ca
 - tankfarms
 - transln_ca
 - US_cell_towers
 - Water
 - east_bay_mud
 - folsom_south_canal_pipe_route_preferred
 - folsom_south_canal_route_stations
 - freeport_pipe_route_preferred
 - mokelumne_aqueduct_pipe
 - state_water_project
 - state_water_project
 - state_water_project_waterways
 - swp_facilities
 - water_use_surface
 - diversion_points
 - points_of_diversion
 - points_of_diversion_ag
 - WellsExterraDB
 - dhs
 - wells_dhs
 - wells_dhs_alt
 - wells_sacvalley
 - wells_sacvalley_Annotation
 - wells_sacvalley_Point
 - wells_sacvalley_Polygon
 - wells_sacvalley_Polyline
 - wellsexterraDB
 - wells_exterra
 - Canals
 - delta_cross_channel
 - delta_cross_channel_gate
 - delta_mendota_canal
 - FolsomSouthCanalPreferredAlignment
 - FreeportPipeRoutePreferred
 - MokelumneAqueductPipe
 - PointsOfDiversion
 - pointsofdiversion_merge
 - PointsOfDiversionAgriculture
 - port
 - pubwatersuply_point
 - pumps_delta
 - StateWaterProjectFacilities
 - StateWaterProjectWaterways
 - suisun_marsh_salinity_control_gates
 - wells_dhs
 - wells_dhs_alt
 - wells_merge
 - WellsExterraDB
- DeltaGISData



Legend

-  Legal Delta v2002.4
-  Legal Delta v2002.4 and Suisun Marsh

0 5 10 Kilometers




DRMS

26815431

DELTA ISLANDS
AND SLOUGHS

Figure

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DWR

Basemap/ RDParcels

Dbf. Files

RD Parcel DBF Files with no data:

0010	0777	1001	2053	2103
0070	0780	1500	2054	2106
0108	0784	1600	2056	2109
0225	0785	1602	2063	2112
0462	0787	1605	2066	2122
0521	0803	1606	2071	2125
0609	0812	1618	2087	2127
0685	0817	1660	2091	2129
0730	0820	1664	2092	2130
0737	0823	2031	2097	2134
0739	0825	2034	2099	2135
0749	0827	2035	2100	2136
0761	0833	2047	2101	
0770	1000	2051	2102	

*Remaining RD Parcel DBF Files shown in file map contain attribute data

Note: **Yellow** Highlighted Fields are not populated

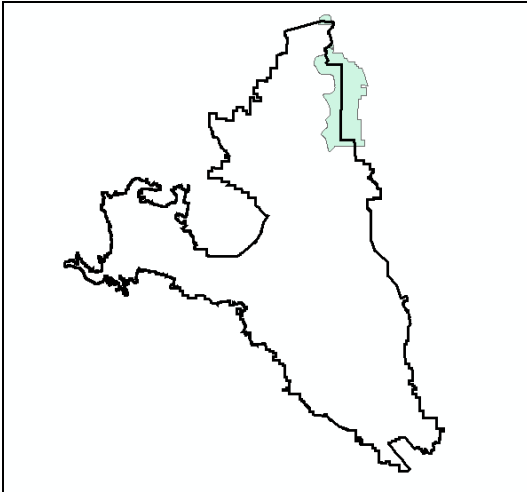
Blue Highlighted Fields are only partially populated

Underline is Field Name

Base polygon in thumbnails is Legal Delta v2002.4 and Suisun Marsh

DRMS (Delta Risk Management Strategy)

DWR

**districts_flood_management.mdb (Geodatabase)/
dwr_maintenance_areas****Geometry Type:** Polygon**Number of records:** 11**Theme:** DWR Maintenance Areas**Place:** California**Temporal:** 2002.10**Abstract**

DWR flood maintenance areas. These are areas that for various reasons did not organize into reclamation districts. In the interests of complying with federal requirements along the Sacramento/San Joaquin Flood Control Project levees, DWR maintains the levees through the maintenance yards, then assess the protected properties accordingly. These files were created by the California Governor's Office of Emergency Services. Note from 5/2001 (J Dudas). After speaking with Donna Glover (DWR Flood Management), it seems the original shapefile came from DWR ??, but was probably just made as a buffer. In looking at it, this makes sense. DWR Maintenance Areas 4, 5, 9, & 13 are what could be described as accurate delineations, as opposed to the others which have boundary problems. There are many copies of the crude, generic buffer version floating around....to my knowledge this is the best available. If you have something better, please advise me of it.

The Edge-matching errors, overlaps and underlaps in coverages, and similar problems were not corrected during digitizing. All other specifications for the horizontal control of vector data are consistent with those required for mapping at the scale of 1:24,000. Please note that these coverages are still in development. Contact FEMA Public Assistance Office or U.S. Corps of Engineers office at the FEMA DFO for additional attribute information.

Note: **Yellow** Highlighted Fields are not populated

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Underline is Field Name

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This was one of the data files that were created as a result of emergency response and recovery activities associated with the late December, 1996, and early January, 1997 storms in California. As a result of extensive flooding , Forty Eight (48) counties were declared Federal Disaster Areas.

During the early disaster response missions, Federal agencies joined together to manage the repair and funding of eligible levees and other flood control works damaged by the flood waters. The US Army Corps of Engineers (USACE), the Federal Emergency Management Agency (FEMA) and the USDA National Resources Conservation Service (NRCS) joined to determine eligibility of applicants who requested federal assistance to repair levees to their original pre-flood condition.

The lack of a single comprehensive source of flood control information prompted FEMA, USACE and the California Office of Emergency Services (OES) to compile geographic and attribute data for federal, state and local flood control structures.

This coverage is included for viewing purposes only. The Interagency GIS team makes no representation as to the suitability or accuracy of these data for any other purposes.

Purpose

Locate DWR Maintenance Areas.

Supplementary Information

Original data files provided by Donna Glover, DWR Flood Management, between 11/2000 and 2/2002 to Joel Dudas, DWR Delta Levees. Joel organized the "best" maintenance areas which Donna provided into a geoDB and loaded the remaining crude delineation boundaries into this single geoDB feature class. So there is likely to be a better version coming along at some point which is more consistent. Cataloged into the Delta GIS Library 10/8/2002.

Published to DWR Spatial Data Library 2/24/2003. Published as an export to geoDB feature class output. Source to Library is DWR Delta Levees Program.

These data are distributed as part of the DWR Spatial Data Library. Please advise dataset administrator of any improvements or suggestions for these data, or if additional metadata can be contributed. The state of California, the Department of Water Resources, the Programs, and the individuals working in support of any of the preceding shall have no legal responsibility for providing data to the DWR Spatial Data Library, and shall have no responsibility for any errors or omissions, or for the use or results obtained from the use of this information. User acknowledges and accepts these terms upon receipt of display of any of the contents of any of the files associated with these data.

Attributes:

OBJECTID

Data type: OID

Definition:

Internal feature number.

Definition Source:

ESRI

Shape

Alias: Dissolve_Shape

Data type: Geometry

Definition:

Feature geometry.

Definition Source:

ESRI

AREA

Data type: String

COUNTY

Data type: String

PERSON

Data type: String

Note: **Yellow** Highlighted Fields are not populated

Blue Highlighted Fields are only partially populated

Underline is Field Name

Base polygon in thumbnails is Legal Delta v2002.4 and Suisun Marsh

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DWR

ADDRESS

Data type: String

CITY

Data type: String

ZIPCODE

Data type: String

PHONE

Data type: String

STATE

Data type: String

Shape_Length_1

Data type: Double

Definition:

Length of feature in internal units.

Definition Source:

ESRI

Shape_Area_1

Data type: Double

Definition:

Area of feature in internal units squared.

Definition Source:

ESRI

Shape_Length

Data type: Double

Definition:

Length of feature in internal units.

Definition Source:

ESRI

Shape_Area

Data type: Double

Definition:

Area of feature in internal units squared.

Definition Source:

ESRI

Note: **Yellow** Highlighted Fields are not populated

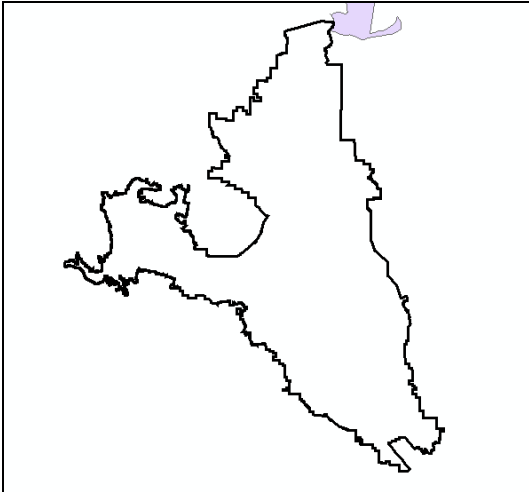
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Underline is Field Name

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**districts_flood_management.mdb (Geodatabase)/
flood_control_districts****Geometry Type:** Polygon**Number of records:** 1**Theme:** Flood control districts**Place:** California**Temporal:** 2002.10**Abstract**

Flood Control Districts. To my knowledge the only one which exists today is the American River district.

Purpose

Identify who is responsible for flood control in an area.

Supplementary Information

Published to DWR Spatial Data Library 2/24/2003. Published as an export to geoDB feature class output. Source to Library is DWR Delta Levees Program.

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Attributes:

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Underline is Field Name

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DRMS (Delta Risk Management Strategy)

DWR

OBJECTID

Data type: OID

Definition:

Internal feature number.

Definition Source:

ESRI

Shape

Data type: Geometry

Definition:

Feature geometry.

Definition Source:

ESRI

DISTRICT

Data type: String

RD_NO

Data type: String

RD_NAME

Data type: String

RD_CNTY

Data type: String

PERSON

Data type: String

ADDRESS

Data type: String

CITY

Data type: String

ZIP_CODE

Data type: String

PHONE_NO

Data type: String

STATE

Data type: String

Shape_Length

Data type: Double

Definition:

Length of feature in internal units.

Definition Source:

ESRI

Shape_Area

Data type: Double

Definition:

Area of feature in internal units squared.

Definition Source:

ESRI

Note: **Yellow** Highlighted Fields are not populated

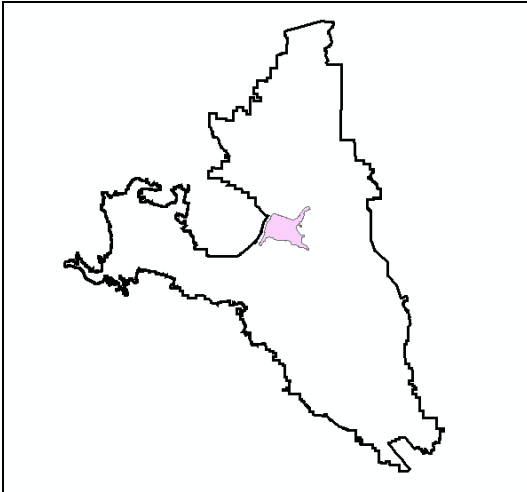
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Underline is Field Name

Base polygon in thumbnails is Legal Delta v2002.4 and Suisun Marsh

DRMS (Delta Risk Management Strategy)

DWR

**districts_flood_management.mdb (Geodatabase)/
levee_districts****Geometry Type:** Polygon**Number of records:** 13**Theme:** Levee Districts**Place:** Central Valley, California**Temporal:** 2002**Abstract**

Levee districts in the state of California. Levee districts are like Reclamation Districts, only they are only concerned with flood protection (levees), not water supply as well.

Brannan-Andrus Levee District was formed from 4 smaller Reclamation Districts.

This was one of the Ron Landigham Bernoulli GIS series. It was in a folder called "OESdata", so presumably it is from California Office of Emergency Services.

There are 4 district boundaries that differ from the levee district boundaries shown here, and I do not know which set is correct. Be advised there is a second set that disagrees with these.

Purpose

Locate levee districts.

Supplementary Information

Source is the Landigham Bernoulli Tomb. Published to DWR Spatial Data Library 2/24/2003. Published as an export to geoDB feature class output. Source to Library is DWR Delta Levees Program.

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Attributes:

OBJECTID

Data type: OID

Definition:

Internal feature number.

Definition Source:

ESRI

Shape

Data type: Geometry

Definition:

Feature geometry.

Definition Source:

ESRI

AREA

Data type: Double

Definition:

Area of feature in internal units squared.

Definition Source:

ESRI

PERIMETER

Data type: Double

Definition:

Perimeter of feature in internal units.

Definition Source:

ESRI

LEVEE_DISTRICT

Data type: Integer

Definition:

Internal feature number.

Definition Source:

ESRI

LEVEE_DISTRICT_ID

Data type: Integer

Definition:

User-defined feature number.

Definition Source:

ESRI

DISTRICT

Data type: String

Shape_Length

Data type: Double

Definition:

Length of feature in internal units.

Definition Source:

ESRI

Shape_Area

Data type: Double

Definition:

Area of feature in internal units squared.

Definition Source:

ESRI

Note: **Yellow** Highlighted Fields are not populated

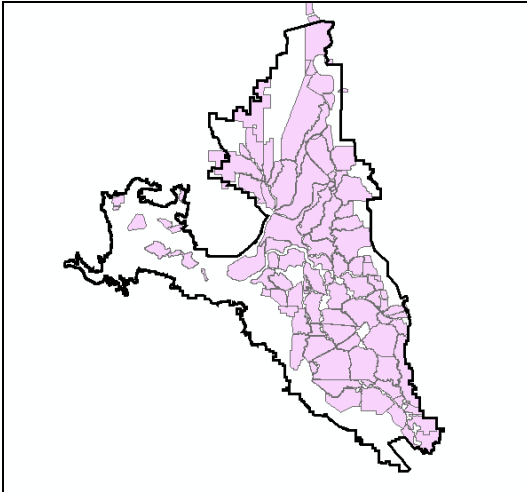
Blue Highlighted Fields are only partially populated

Underline is Field Name

Base polygon in thumbnails is Legal Delta v2002.4 and Suisun Marsh

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DWR

**districts_flood_management.mdb (Geodatabase)/
local_districts_delta_marsh_active****Geometry Type:** Polygon**Number of records:** 107**Theme:** local flood districts, active, boundaries, reclamation districts, levee districts, municipal improvement districts**Place:** California, Delta, Suisun Marsh**Temporal:** 2006.01**Abstract**

This dataset is a compilation of the current active responsible flood districts in and around the Delta & Suisun Marsh that are active as of 1/2006. The set was created to simplify the depiction of current districts of primary active responsibility in the Delta. As such, they are districts that would be eligible to participate in the DWR AB360 Program.

Supplementary Information

Published to DWR Spatial Data Library 1/14/2005. Published as an export to geoDB feature class output. Source to Library is DWR Delta Levees Program.

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Underline is Field Name

Base polygon in thumbnails is Legal Delta v2002.4 and Suisun Marsh

DRMS (Delta Risk Management Strategy)

DWR

Attributes:

OBJECTID_1

Data type: OID

Definition:

Internal feature number.

Definition Source:

ESRI

Shape

Data type: Geometry

Definition:

Feature geometry.

Definition Source:

ESRI

R_D_NO

Data type: String

COUNTY

Data type: String

RD_NAME_1

Data type: String

PERSON_1

Data type: String

ADDRESS_1

Data type: String

CITY_1

Data type: String

ZIP_CODE_1

Data type: String

PHONE_NO_1

Data type: String

Shape_Length

Data type: Double

Definition:

Length of feature in internal units.

Definition Source:

ESRI

Shape_Area

Data type: Double

Definition:

Area of feature in internal units squared.

Definition Source:

ESRI

Shape_Length

Data type: Double

Definition:

Length of feature in internal units.

Definition Source:

ESRI

Shape_Area

Data type: Double

Definition:

Area of feature in internal units squared.

Definition Source:

ESRI

Note: **Yellow** Highlighted Fields are not populated

Blue Highlighted Fields are only partially populated

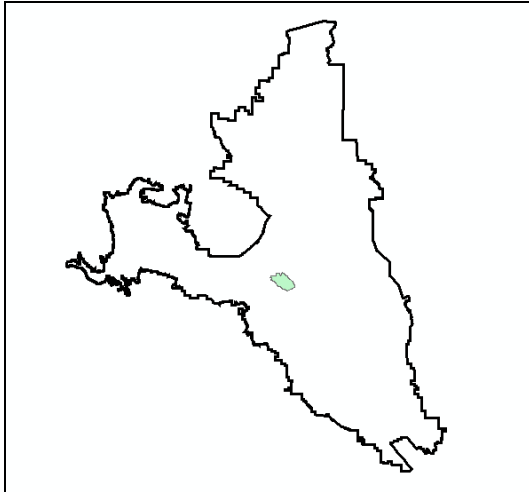
Underline is Field Name

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**districts_flood_management.mdb (Geodatabase)/
municipal_improvement_districts**



Geometry Type: Polygon

Number of records: 1

Theme: Municipal Improvement Districts

Place: Bethel Island

Temporal: 1999

Abstract

Municipal Improvement Districts. To my knowledge, the only one which exists is Bethel Island. This is very similar to a reclamation district.

Supplementary Information

Published to DWR Spatial Data Library 2/24/2003. Published as an export to geoDB feature class output. Source to Library is DWR Delta Levees Program.

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Attributes:

OBJECTID

Data type: OID

Definition:

Internal feature number.

Definition Source:

ESRI

Shape

Data type: Geometry

Definition:

Note: **Yellow** Highlighted Fields are not populated

Blue Highlighted Fields are only partially populated

Underline is Field Name

Base polygon in thumbnails is Legal Delta v2002.4 and Suisun Marsh

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Feature geometry.

Definition Source:

ESRI

DISTRICT

Data type: String

RD_CNTY

Data type: String

PERSON

Data type: String

ADDRESS

Data type: String

CITY

Data type: String

ZIP_CODE

Data type: String

PHONE_NO

Data type: String

Shape_Length

Data type: Double

Definition: Length of

feature in internal units.

Definition Source:

ESRI

Shape_Area

Data type: Double

Definition:

Area of feature in
internal units squared.

Definition Source:

ESRI

Note: **Yellow** Highlighted Fields are not populated

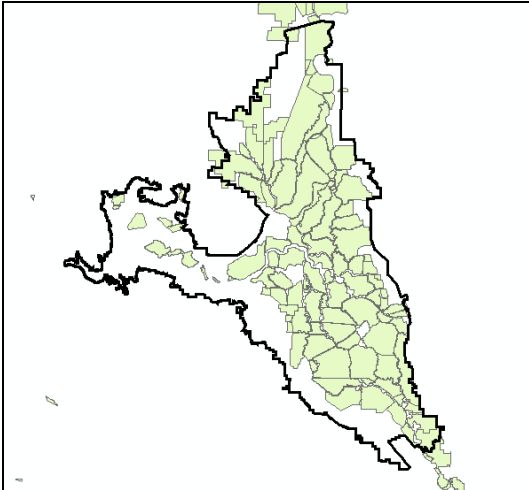
Blue Highlighted Fields are only partially populated

Underline is Field Name

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DRMS (Delta Risk Management Strategy)

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**districts_flood_management.mdb (Geodatabase)/
reclamation_districts****Geometry Type:** Polygon**Number of records:** 175**Theme:** Reclamation Districts, boundaries, version 7**Place:** California**Temporal:** 2006.03**Abstract**

Reclamation district boundaries within the state of California. This delineation represents the seventh major revision of this dataset, after the sixth revision from 2/2006, after the fifth major revision from 1/2005, the fourth major revision from 10/2004, the third major revision from 6/2003, the second version from 10/2002, and after the first version produced by Office of Emergency Services during the 1997 floods. It was recognized that certain district boundaries in that GIS coverage were inaccurate, which prompted DWR Delta Levees Program to undertake an improvement of the entire dataset beginning in May of 2001.

Version 7 notes: 3 of the Suisun Marsh Districts were completely remapped. Due to a suspect shared boundary between Honker Bay Club & Simmons-Wheeler, the District engineer (MBK Engineers) was contacted for updated levee stationing, which revealed the more correct versions of those three districts as seen here. In the case of S-W & Honker Bay, the levee centerlines supplied by MBK Engineers were used to delineate the District boundary, so the actual boundaries are more waterward of these boundaries. For Van Sickle Island, the 2003 color ortho of Suisun Marsh was used to guide the boundary draw, following the levee in the ortho and the stations from the files, as they indicated. The original field info was carried over into the new polys, and the old polys were deleted.

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Also, RD 2121 Bixler Tract was added. There isn't much info on this district anywhere that I can find. They aren't even in the directory of flood officials. But it is an active district. This may have been a remnant district created after the merger and re-alignment of Palm & Orwood into one RD, and it's numbering would be consistent with that, although that's speculative.

Version 6 notes: Palm & Orwood Tracts (RD 2024 & 2036) were combined into Palm-Orwood Tract (RD 2024).

Version 5 notes: Two districts were added to version 4, Winter in Contra Costa County and Atlas in San Joaquin County. Winter had been represented by a now-defunct earlier district with a more extensive boundary. This represents the current district for that island. Atlas is a very small district right by Stockton that had previously been unknown to Delta Levees Program, and is now in the database.

Version 4 notes: Updated to include new Reclamation District 2137, Dutch Slough. District drawn according to plat map included with Legal Description filed with Contra Costa County LAFCO dated 7/8/2003. Parcels indicated on that map were selected from the Contra Costa County Assessor's office GIS layer and built into this Reclamation District boundary. So it was not drawn literally from the legal description metes and bounds.

Version 3 notes: The RD boundaries were improved to reflect: 1) changes to Hotchkiss Tract, approved by LAFCO, in 1/2003, 2) additional RDs in Suisun Marsh, and 3) updated contact information for some Delta districts. The Marsh district boundaries were drawn by interpretation from a hand-drawn map, of the general boundaries, then estimating the actual boundary based on imagery and other scanned maps. Otherwise, the data is as in version 2, described below.

Legal descriptions of individual Reclamation District boundaries were obtained wherever possible and used as the primary source for all boundaries. Although these boundaries are generally based on legal descriptions, and are therefore potentially relatively accurate, the boundaries in this dataset do not constitute a survey boundary for any land delineation application whatsoever.

In some cases, there were some problems with using the legal descriptions. For example, in some cases legal descriptions were simply not readily available, even though efforts were undertaken to obtain the descriptions from DWR Land & Right of Way, and from the individual district files themselves. Oftentimes, the legal descriptions were based on previous records were which either difficult and/or impossible to locate. For example, many Swamp Land Surveys, which themselves are of questionable "basemapping" practicality, were referenced in the legal descriptions. The mapping project did not warrant sufficient expenditure to locate and accurately map from such sources. Problems encountered where insufficient records were obtained are described below for the individual districts, so if the user is interested in an individual district, this dataset can be a helpful start.

This dataset, therefore, is somewhat of a Frankenstein, although the source of Frankenstein's body parts is fairly well documented. There are four primary mapping qualities (a database field describes which for each district) here: 1) districts mapped entirely from legal descriptions, 2) districts mapped from legal descriptions, but where

Note: **Yellow** Highlighted Fields are not populated

Blue Highlighted Fields are only partially populated

Underline is Field Name

Base polygon in thumbnails is Legal Delta v2002.4 and Suisun Marsh

DRMS (Delta Risk Management Strategy)

DWR

some references of the description were either unavailable or otherwise insufficient for mapping, 3) districts mapped from DWR Land Use maps, as shown on those maps, and 4) districts mapped by the original Office of Emergency Services GIS coverage. This list also indicates the order of preference used in building this final RD dataset. Hotchkiss Tract was mapped from a revised boundary provided by KSN Engineers to DWR Delta Levees during 1/2002. Walnut Grove (RD 554) was modified to include the other side of the Slough, and the southeast corner of Union Island East, on the other side of the back levee, was included as appropriate. A few other districts remain in glaring question, for example, the actual boundary of Drexler Tract.

The table also includes information on whether or not certain districts are active and some contact info (from the OES '97 table). The active/inactive information is as discussed in Bulletin 37, 1930, Division of Water Resources report "Financial & General Data Pertaining to Irrigation, Reclamation, & Other Public Districts in California." RD 1619 (Bethel Island), 317 and 407 (Brannan-Andrus) were changed to inoperating as per current knowledge.

Some districts which are not reclamation districts, but which previously have been lumped into RD shapefiles and coverages, were not included in this dataset. Most notably, Stanislaus (an irrigation district), American River (a flood control district), Bethel Island (a municipal improvement district), and Brannan-Andrus (a levee district), are not in this dataset. Bethel Island Municipal Improvement District's predecessor, RD 1619, is in this database, but this is an inactive RD. See other feature classes in the "districts_water_management" geODB for these boundaries.

Mapping was conducted as follows: Melissa Lee, under DWR Delta Levees, worked with Jean Woods (DWR Central District) on an AutoCAD station to map the boundaries according to the Land Use maps. It became apparent that this method was insufficient for many cases, so Melissa obtained DWR Land & Right of Way copies of Reclamation District boundary legal descriptions as available. Melissa completed some of this mapping. In 9/2001, Joel Dudas provided Chico State University Geographic Information Center with the legal descriptions and with the draft shapefiles from land use and legal boundaries. Additional boundaries, including more legal descriptions, swamp land surveys, and old maps, were obtained by Joel Dudas from the State Archives, the State Lands Commission, and the RD legal representatives, as available. Chico State (contact Jason Schwenkler) mapped from legal descriptions onto 1:24000 quads as physical control. The completed districts were sent to Joel Dudas in 9/2002 in one large merged file. Dudas then augmented the Chico State work with the existing attribute data, merged the districts absent in either the legal or land use collections, and compiled the results in 10/2002 for review. The documentation of the individual district issues, contained below, was prepared by Chico State. In effect, the legal boundaries are mostly from Chico, the "land use" boundaries are from DWR Land Use maps, and the others are from the original OES '97 shapefile. Some boundaries in the Delta were modified by Delta Levees as known.

There are undoubtedly improvements which can be made to this dataset. Comments and improvements should be forwarded to DWR Delta Levees Program (Joel Dudas) 916-651-7002 for synthesis.

Note: **Yellow** Highlighted Fields are not populated

Blue Highlighted Fields are only partially populated

Underline is Field Name

Base polygon in thumbnails is Legal Delta v2002.4 and Suisun Marsh

DRMS (Delta Risk Management Strategy)

DWR

Attributes:

OBJECTID_1

Data type: OID

Definition:

Internal feature number.

Definition Source:

ESRI

Shape

Data type: Geometry

Definition:

Feature geometry.

Definition Source:

ESRI

R_D_NO

Data type: String

COUNTY

Data type: String

rd_status

Data type: String

RD_NAME_1

Data type: String

PERSON_1

Data type: String

ADDRESS_1

Data type: String

CITY_1

Data type: String

ZIP_CODE_1

Data type: String

PHONE_NO_1

Data type: String

boundary_status

Data type: String

Definition:

Feature geometry.

Definition Source:

ESRI

Shape_Length

Data type: Double

Definition:

Length of feature in internal units.

Definition Source:

ESRI

Shape_Area

Data type: Double

Definition:

Area of feature in internal units squared.

Definition Source:

ESRI

attorney_name

Data type: String

district_engineer

Data type: String

chairperson

Data type: String

trustee

Data type: String

trustee_2

Data type: String

Priority

Data type: SmallInteger

DBF_Link

Data type: String

Note: **Yellow** Highlighted Fields are not populated

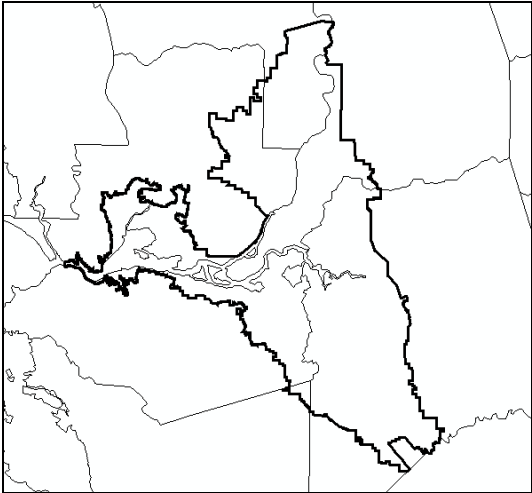
Blue Highlighted Fields are only partially populated

Underline is Field Name

Base polygon in thumbnails is Legal Delta v2002.4 and Suisun Marsh

DRMS (Delta Risk Management Strategy)
DWR

ca_counties.shp



*Data Available for all of California

Geometry Type: Polygon
Number of records: 72

Attributes:

FID
Data type: OID
Definition:
Internal feature number.
Definition Source:

ESRI
Shape
Data type: Geometry
Definition:
Feature geometry.

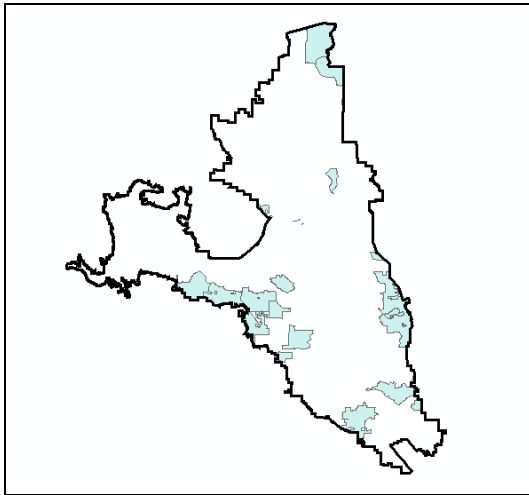
Definition Source:
ESRI
CNAME
Data type: String

Note: **Yellow** Highlighted Fields are not populated
Blue Highlighted Fields are only partially populated
Underline is Field Name
Base polygon in thumbnails is Legal Delta v2002.4 and Suisun Marsh

DRMS (Delta Risk Management Strategy)

DWR

Cities_Delta.shp



Geometry Type: Polygon

Number of records: 21

Theme: polygon, places, populated places, cities, towns, villages, demographics, housing units, boundaries, society

Place: United States

Temporal: 2002, 1984-2002, 2000, 2000

Abstract

U.S. Populated Place Areas represents populated place areas that include census designated places, consolidated cities, and incorporated places within United States identified by the U.S. Bureau of the Census.

Purpose

U.S. Populated Place Areas provides areal locations for populated places including attributes - name, FIPS code, Census class, area, and selected demographic data.

Supplementary Information

Largest scale when displaying the data: 1:100,000.

Attributes:

FID

Data type: OID

Definition:

Internal feature number.

Definition Source:

ESRI

Shape

Data type: Geometry

Definition:

Feature geometry.

Definition Source:

ESRI

ObjectID

Data type: Number

Definition:

Internal feature number.

Definition Source:

ESRI

AREANAME

Data type: String

Definition:

The populated place name.

Definition Source:

Department of Commerce, Census Bureau

Note: **Yellow** Highlighted Fields are not populated

Blue Highlighted Fields are only partially populated

Underline is Field Name

Base polygon in thumbnails is Legal Delta v2002.4 and Suisun Marsh

DRMS (Delta Risk Management Strategy)

DWR

CLASS

Data type: String

Definition:

The class of the populated place.

Definition Source:

Department of Commerce, Census Bureau

ST

Data type: String

Definition:

The two-letter abbreviation for the state in which the populated place is located.

Definition Source:

Department of Commerce, National Institute of Standards and Technology

STFIPS

Data type: String

Definition:

The FIPS code (two-digit number) for the state in which the populated place is located.

Definition Source:

Department of Commerce, National Institute of Standards and Technology

PLACEFIP

Data type: String

Definition:

The FIPS code (five-digit number) for the populated place within a State.

Definition Source:

Department of Commerce, National Institute of Standards and Technology

HOUSEUNITS

Data type: Number

Definition:

The 2000 housing unit counts of the populated place.

Definition Source:

Department of Commerce, Census Bureau

POPULATION

Data type: Number

Definition:

The 2000 population of the populated place.

Definition Source:

Department of Commerce, Census Bureau

POP_CL

Data type: Number

Definition:

The code for the population class of the populated place.

Definition Source:

ESRI

AREALAND

Data type: Number

Definition:

The area in square miles of the populated place which is land.

Definition Source:

Department of Commerce, Census Bureau

AREAWATER

Data type: Number

Definition:

The area in square miles of the populated place which is water.

Definition Source:

Department of Commerce, Census Bureau

shape

Data type: Geometry

Definition:

Feature geometry.

Definition Source:

ESRI

Note: **Yellow** Highlighted Fields are not populated

Blue Highlighted Fields are only partially populated

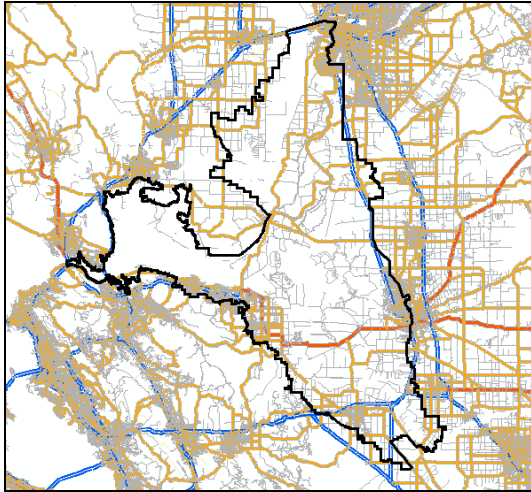
Underline is Field Name

Base polygon in thumbnails is Legal Delta v2002.4 and Suisun Marsh

DRMS (Delta Risk Management Strategy)

DWR

Delta_Roads.lyr



Geometry Type: Line

Attributes:

ObjectID

Data type: OID

Definition:

Internal feature number.

Definition Source:

ESRI

PREFIX

Data type: String

Definition:

The prefix direction.

Definition Source:

ESRI

PRETYPE

Data type: String

Definition:

The prefix street type.

Definition Source:

ESRI

NAME

Data type: String

Definition:

The name of the street.

Definition Source:

Geographic Data

Technology, Inc.

TYPE

Data type: String

Definition:

The suffix street type.

Definition Source:

ESRI

SUFFIX

Data type: String

Definition:

The suffix direction.

Definition Source:

ESRI

L F ADD

Data type: String

Definition:

Left From address of the feature.

Definition Source:

ESRI

L T ADD

Data type: String

Definition:

Left To address of the feature.

Definition Source:

ESRI

R F ADD

Data type: String

Definition:

Right From address of the feature.

Definition Source:

ESRI

R T ADD

Data type: String

Definition:

Right To address of the feature.

Definition Source:

ESRI

Note: **Yellow** Highlighted Fields are not populated

Blue Highlighted Fields are only partially populated

Underline is Field Name

Base polygon in thumbnails is Legal Delta v2002.4 and Suisun Marsh

DRMS (Delta Risk Management Strategy)

DWR

L_F_ADD_INT

Data type: Integer
 Definition:
 Left From address of the feature as integer.
 Definition Source:
 ESRI

L_T_ADD_INT

Data type: Integer
 Definition:
 Left To Address of the feature as integer.
 Definition Source:
 ESRI

R_F_ADD_INT

Data type: Integer
 Definition:
 Right From Address of the feature as integer.
 Definition Source:
 ESRI

R_T_ADD_INT

Data type: Integer
 Definition:
 Right To Address of the feature as integer.
 Definition Source:
 ESRI

CLASS_RTE

Data type: String
 Definition:
 Road class of the feature.
 Definition Source:
 ESRI

RAMP_CLASS

Data type: String
 Definition:
 Ramp class of the feature providing connectivity to CLASS_RTE hierarchy.
 Definition Source:
 ESRI

FROM_ELEV

Data type: String
 Definition:
 Street feature from elevation.
 Definition Source:
 ESRI

TO_ELEV

Data type: String
 Definition:
 Street feature to elevation.
 Definition Source:
 ESRI

HWY_TYPE

Data type: String
 Definition:
 Highway symbol type for the feature.
 Definition Source:
 ESRI

HWY_SYMBOL

Data type: String
 Definition:
 Highway symbol found on highway sign of feature.
 Definition Source:
 ESRI

SPEED_MPH

Data type: String
 Definition:
 Estimated travel speed in miles per hour for street feature.
 Definition Source:
 ESRI

PREFIX1

Data type: String
 Definition:
 First Alternate Street Prefix for feature.
 Definition Source:
 ESRI

PRETYPE1

Data type: String
 Definition:
 First Alternate Street Prefix Type for feature.
 Definition Source:
 ESRI

NAME1

Data type: String
 Definition:
 First Alternate Street Name for feature.
 Definition Source:
 ESRI

TYPE1

Data type: String
 Definition:
 First Alternate Street Type for feature.
 Definition Source:
 ESRI

SUFFIX1

Data type: String
 Definition:
 First Alternate Street Suffix for the feature.
 Definition Source:
 ESRI

PREFIX2

Data type: String
 Definition:
 Second Alternate Street Prefix for the feature.
 Definition Source:
 ESRI

PRETYPE2

Data type: String
 Definition:
 Second Alternate Street Prefix Type for the feature.
 Definition Source: ESRI

NAME2

Data type: String

Note: **Yellow** Highlighted Fields are not populated
Blue Highlighted Fields are only partially populated
 Underline is Field Name

Base polygon in thumbnails is Legal Delta v2002.4 and Suisun Marsh

DRMS (Delta Risk Management Strategy)

DWR

Definition:	Third Alternate Street	Definition Source:
Second Alternate Street	Type for feature.	ESRI
Name for the feature.	Definition Source:	<u>ZIP_L</u>
Definition Source:	ESRI	Data type: String
ESRI	SUFFIX3	Definition:
TYPE2	Data type: String	The left ZIP Code.
Data type: String	Definition:	Definition Source:
Definition:	Third Alternate Street	ESRI
Second Alternate Street	Suffix for feature.	<u>ZIP_R</u>
Type for the feature.	Definition Source:	Data type: String
Definition Source:	ESRI	Definition:
ESRI	PREFIX4	The right ZIP Code.
SUFFIX2	Data type: String	Definition Source:
Data type: String	Definition:	ESRI
Definition:	Fourth Alternate Street	<u>GEONAME_L</u>
Second Alternate Street	Prefix for feature.	Data type: String
Suffix for the feature.	Definition Source:	Definition:
Definition Source:	ESRI	Combination of Census
ESRI	PREFTYPE4	place name and USPS
PREFIX3	Data type: String	city state name for left
Data type: String	Definition:	side of street segment
Definition:	Fourth Alternate Street	where place name is not
Third Alternate Street	Prefix Type of feature.	available.
Prefix for the feature.	Definition Source:	Definition Source:
Definition Source:	ESRI	ESRI
ESRI	NAME4	<u>GEONAME_R</u>
PREFTYPE3	Data type: String	Data type: String
Data type: String	Definition:	Definition:
Definition:	Fourth Alternate Street	Combination of Census
Third Alternate Street	Name for the feature.	place name and USPS
Prefix Type for the	Definition Source:	city state name for right
feature.	ESRI	side of street segment
Definition Source:	TYPE4	where place name is not
ESRI	Data type: String	available.
NAME3	Definition:	Definition Source:
Data type: String	Fourth Alternate Street	ESRI
Definition:	Type for the feature.	<u>STATE_L</u>
Third Alternate Street	Definition Source:	Data type: String
Name for feature.	ESRI	Definition:
Definition Source:	SUFFIX4	The two-letter state
ESRI	Data type: String	abbreviation for the left
TYPE3	Definition:	side of street segment.
Data type: String	Fourth Alternate Street	Definition Source:
Definition:	Suffix for the feature.	ESRI

Note: **Yellow** Highlighted Fields are not populated
Blue Highlighted Fields are only partially populated

Underline is Field Name

Base polygon in thumbnails is Legal Delta v2002.4 and Suisun Marsh

DRMS (Delta Risk Management Strategy)

DWR

STATE_R

Data type: String

Definition:

The two-letter state abbreviation for the right side of street segment.

Definition Source:

ESRI

STATE

Data type: String

Definition:

Full state name of the feature.

Definition Source:

ESRI

Shape

Data type: Geometry

Definition:

Feature geometry.

Definition Source:

ESRI

Note: **Yellow** Highlighted Fields are not populated

Blue Highlighted Fields are only partially populated

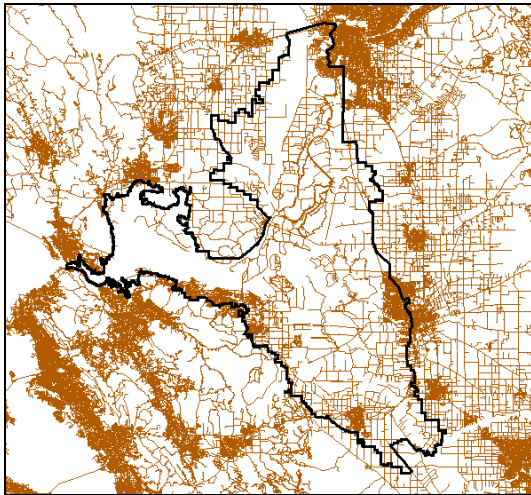
Underline is Field Name

Base polygon in thumbnails is Legal Delta v2002.4 and Suisun Marsh

DRMS (Delta Risk Management Strategy)

DWR

Delta_Roads.shp



Geometry Type: Line

Number of records: 31971068

Theme: line, interstates, highways, major roads, streets, addresses, road feature codes, routing, geocoding, transportation, location

Place: United States

Temporal: 2000, 2002

Abstract

U.S. Streets represents detailed streets, interstate highways, and major roads within the United States. U.S. Streets is part of StreetMap USA.

StreetMap USA is a dataset that provides nationwide streets display, routing, and geocoding for the United States. Although there are many supporting basemap layers included in this dataset, to access U.S. Streets you must have the ArcGIS StreetMap extension licensed and installed. StreetMap USA is provided in the ESRI Data & Maps media kit on the Data & Maps and StreetMap USA DVD.

Purpose

U.S. Streets provides nationwide streets display, routing, and geocoding for the United States.

Supplementary Information

Largest scale when displaying the data: 1:50,000.

Attributes:

ObjectID

Data type: OID

Definition:

Internal feature number.

Definition Source:

ESRI

PREFIX

Data type: String

Definition:

The prefix direction.

Definition Source:

ESRI

PRETYPE

Data type: String

Definition:

Note: **Yellow** Highlighted Fields are not populated

Blue Highlighted Fields are only partially populated

Underline is Field Name

Base polygon in thumbnails is Legal Delta v2002.4 and Suisun Marsh

DRMS (Delta Risk Management Strategy)

DWR

The prefix street type.

Definition Source:

ESRI

NAME

Data type: String

Definition:

The name of the street.

Definition Source:

Geographic Data

Technology, Inc.

TYPE

Data type: String

Definition:

The suffix street type.

Definition Source:

ESRI

SUFFIX

Data type: String

Definition:

The suffix direction.

Definition Source:

ESRI

L F ADD

Data type: String

Definition:

Left From address of the feature.

Definition Source:

ESRI

L T ADD

Data type: String

Definition:

Left To address of the feature.

Definition Source:

ESRI

R F ADD

Data type: String

Definition:

Right From address of the feature.

Definition Source:

ESRI

R T ADD

Data type: String

Definition:

Right To address of the feature.

Definition Source:

ESRI

L F ADD INT

Data type: Integer

Definition:

Left From address of the feature as integer.

Definition Source:

ESRI

L T ADD INT

Data type: Integer

Definition:

Left To Address of the feature as integer.

Definition Source:

ESRI

R F ADD INT

Data type: Integer

Definition:

Right From Address of the feature as integer.

Definition Source:

ESRI

R T ADD INT

Data type: Integer

Definition:

Right To Address of the feature as integer.

Definition Source:

ESRI

CLASS RTE

Data type: String

Definition:

Road class of the feature.

Definition Source:

ESRI

RAMP CLASS

Data type: String

Definition:

Ramp class of the feature providing connectivity to CLASS_RTE hierarchy.

Definition Source:

ESRI

FROM ELEV

Data type: String

Definition:

Street feature from elevation.

Definition Source:

ESRI

TO ELEV

Data type: String

Definition:

Street feature to elevation.

Definition Source:

ESRI

HWY TYPE

Data type: String

Definition:

Highway symbol type for the feature.

Definition Source:

ESRI

HWY SYMBOL

Data type: String

Definition:

Highway symbol found on highway sign of feature.

Definition Source:

ESRI

SPEED MPH

Data type: String

Definition:

Estimated travel speed in miles per hour for street feature.

Definition Source:

ESRI

Note: **Yellow** Highlighted Fields are not populated

Blue Highlighted Fields are only partially populated

Underline is Field Name

Base polygon in thumbnails is Legal Delta v2002.4 and Suisun Marsh

DRMS (Delta Risk Management Strategy)

DWR

PREFIX1

Data type: String
 Definition:
 First Alternate Street
 Prefix for feature.
 Definition Source:
 ESRI

PRETYPE1

Data type: String
 Definition:
 First Alternate Street
 Prefix Type for feature.
 Definition Source:
 ESRI

NAME1

Data type: String
 Definition:
 First Alternate Street
 Name for feature.
 Definition Source:
 ESRI

TYPE1

Data type: String
 Definition:
 First Alternate Street
 Type for feature.
 Definition Source:
 ESRI

SUFFIX1

Data type: String
 Definition:
 First Alternate Street
 Suffix for the feature.
 Definition Source:
 ESRI

PREFIX2

Data type: String
 Definition:
 Second Alternate Street
 Prefix for the feature.
 Definition Source:
 ESRI

PRETYPE2

Data type: String

Definition:
 Second Alternate Street
 Prefix Type for the
 feature.
 Definition Source: ESRI

NAME2

Data type: String
 Definition:
 Second Alternate Street
 Name for the feature.
 Definition Source:
 ESRI

TYPE2

Data type: String
 Definition:
 Second Alternate Street
 Type for the feature.
 Definition Source:
 ESRI

SUFFIX2

Data type: String
 Definition:
 Second Alternate Street
 Suffix for the feature.
 Definition Source:
 ESRI

PREFIX3

Data type: String
 Definition:
 Third Alternate Street
 Prefix for the feature.
 Definition Source:
 ESRI

PRETYPE3

Data type: String
 Definition:
 Third Alternate Street
 Prefix Type for the
 feature.
 Definition Source:
 ESRI

NAME3

Data type: String
 Definition:

Third Alternate Street
 Name for feature.
 Definition Source:
 ESRI

TYPE3

Data type: String
 Definition:
 Third Alternate Street
 Type for feature.
 Definition Source:
 ESRI

SUFFIX3

Data type: String
 Definition:
 Third Alternate Street
 Suffix for feature.
 Definition Source:
 ESRI

PREFIX4

Data type: String
 Definition:
 Fourth Alternate Street
 Prefix for feature.
 Definition Source:
 ESRI

PRETYPE4

Data type: String
 Definition:
 Fourth Alternate Street
 Prefix Type of feature.
 Definition Source:
 ESRI

NAME4

Data type: String
 Definition:
 Fourth Alternate Street
 Name for the feature.
 Definition Source:
 ESRI

TYPE4

Data type: String
 Definition:
 Fourth Alternate Street
 Type for the feature.

Note: **Yellow** Highlighted Fields are not populated
Blue Highlighted Fields are only partially populated
 Underline is Field Name

Base polygon in thumbnails is Legal Delta v2002.4 and Suisun Marsh

DRMS (Delta Risk Management Strategy)

DWR

Definition Source:
 ESRI
SUFFIX4
 Data type: String
 Definition:
 Fourth Alternate Street
 Suffix for the feature.
 Definition Source:
 ESRI
ZIP L
 Data type: String
 Definition:
 The left ZIP Code.
 Definition Source:
 ESRI
ZIP R
 Data type: String
 Definition:
 The right ZIP Code.
 Definition Source:
 ESRI
GEONAME L
 Data type: String
 Definition:

Combination of Census
 place name and USPS
 city state name for left
 side of street segment
 where place name is not
 available.
 Definition Source:
 ESRI
GEONAME R
 Data type: String
 Definition:
 Combination of Census
 place name and USPS
 city state name for right
 side of street segment
 where place name is not
 available.
 Definition Source:
 ESRI
STATE L
 Data type: String
 Definition:
 The two-letter state
 abbreviation for the left
 side of street segment.

Definition Source:
 ESRI
STATE_R
 Data type: String
 Definition:
 The two-letter state
 abbreviation for the
 right side of street
 segment.
 Definition Source:
 ESRI
STATE
 Data type: String
 Definition:
 Full state name of the
 feature.
 Definition Source:
 ESRI
Shape
 Data type: Geometry
 Definition:
 Feature geometry.
 Definition Source:
 ESRI

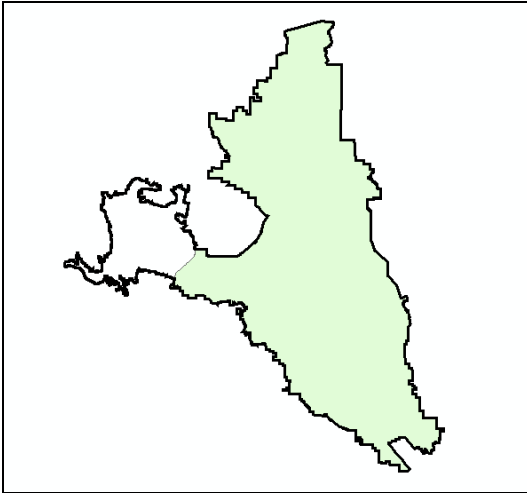
Note: **Yellow** Highlighted Fields are not populated
Blue Highlighted Fields are only partially populated

Underline is Field Name

Base polygon in thumbnails is Legal Delta v2002.4 and Suisun Marsh

DRMS (Delta Risk Management Strategy)

DWR

legal_delta.shp**Geometry Type:** Polygon**Number of records:** 1**Theme:** Legal Delta boundary**Place:** Delta, California**Temporal:** 2002**Abstract**

Delta boundary version 2002.4. Delineates the legal Delta established under the Delta Protection Act (Section 12220 of the Water Code) passed in 1959. This boundary file has been reviewed by a variety of relevant professionals and is considered to be accurate. The exact accuracy is somewhat uncertain, but can be considered acceptable for mapping at 1:24000.

The original topographic maps containing the drawn delta border were scanned from the Department of Water Resources. Images were registered to 1:24,000 USGS DRG's in ArcView (ESRI) utilizing imagewarp extension. The Delta boundary was digitized from the registered images. Accuracy within acceptable 7.5 Minute USGS map accuracy standards (1:24000 scale).

The original legal boundary maps obtained from the Delta Protection Commission were compiled by DWR Land & Right of Way sometime in the early 1980's. They were based from the legal description in section 12220 of the Water Code, with ambiguities in the Code addressed by the individuals involved in the mapping project at that time. One revision was made to the original maps in the vicinity of Point Pleasant, and is the only difference between this and the 4.2001 version of the legal Delta boundary Arc/INFO coverage.

Supplementary Information

Published to DWR Spatial Data Library 2/21/2003. Published as an export to geoDB feature class output. Source is DWR Delta Levees Program.

Note: **Yellow** Highlighted Fields are not populated

Blue Highlighted Fields are only partially populated

Underline is Field Name

Base polygon in thumbnails is Legal Delta v2002.4 and Suisun Marsh

DRMS (Delta Risk Management Strategy)

DWR

These data are distributed as part of the DWR Spatial Data Library. Please advise dataset administrator of any improvements or suggestions for these data, or if additional metadata can be contributed. The state of California, the Department of Water Resources, the Programs, and the individuals working in support of any of the preceding shall have no legal responsibility for providing data to the DWR Spatial Data Library, and shall have no responsibility for any errors or omissions, or for the use or results obtained from the use of this information. User acknowledges and accepts these terms upon receipt of display of any of the contents of any of the files associated with these data.

Received from Chico State by DWR Delta Levees Program 5/31/2001. Converted from shapefile into coverage format, converted from Teale Albers into Geographic/NAD83, & rebuilt topology using ArcGIS 8.2, double-precision, by Joel Dudas, DWR Delta Levees Program, 2/2003.

The revision between the 4.2001 and the 4.2002 versions reflects a change in the vicinity of Point Pleasant in the east Delta, as shown on modified Delta Protection Commission maps. The line was moved south to the township boundary line, as appropriate, using ArcGIS 8.1 software.

During 2001 & early 2002 every effort was made to identify any errors in the underlying data sources, including water district, reclamation district, roads, etc. boundaries. While certain features were not able to be 100% certified, this coverage can be considered to be as accurate based on all of the information available at this time. These uncertainties principally involve obscurity in some of the ancestral source data.

Attributes:

<u>FID</u>	ESRI	Definition Source:
Data type: OID	<u>Shape</u>	ESRI
Definition:	Data type: Geometry	<u>comments</u>
Internal feature number.	Definition:	Data type: String
Definition Source:	Feature geometry.	

Note: **Yellow** Highlighted Fields are not populated

Blue Highlighted Fields are only partially populated

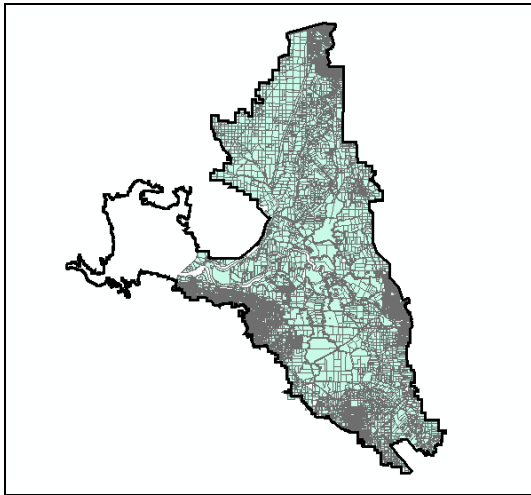
Underline is Field Name

Base polygon in thumbnails is Legal Delta v2002.4 and Suisun Marsh

DRMS (Delta Risk Management Strategy)

DWR

parcels_legaldelta_NAD83.shp



Geometry Type: Polygon

Abstract

Parcel data for Sacramento, San Joaquin, Yolo and Solano was acquired from Boundary Solutions. Parcel Data for Contra Costa County was acquired from the County of Contra Costa. Parcel Data from Alameda County was acquired from the County of Alameda

Purpose

Combined parcel data for 6 California counties
 Number of records: 172168

Attributes:

<u>FID</u>	<u>STATE</u>	<u>SIT DIR_R</u>
Data type: OID	Data type: String	Data type: String
Definition:	<u>COUNTY</u>	<u>SIT_FULL_S</u>
Internal feature number.	Data type: String	Data type: String
Definition Source:	<u>FIPS</u>	<u>SIT_UNIT</u>
ESRI	Data type: String	Data type: String
<u>Shape</u>	<u>SIT_SRC_FL</u>	<u>SIT_CITY</u>
Data type: Geometry	Data type: String	Data type: String
Definition:	<u>SIT_HSE_NU</u>	<u>SIT_STATE</u>
Feature geometry.	Data type: String	Data type: String
Definition Source:	<u>SIT_DIR</u>	<u>SIT_ZIP</u>
ESRI	Data type: String	Data type: String
<u>APN</u>	<u>SIT_STR_NA</u>	<u>SIT_ZIP4</u>
Data type: String	Data type: String	Data type: String
<u>AREA</u>	<u>SIT_STR_SF</u>	<u>LAND_VALUE</u>
Data type: Number	Data type: String	Data type: String

Note: **Yellow** Highlighted Fields are not populated
Blue Highlighted Fields are only partially populated
 Underline is Field Name

Base polygon in thumbnails is Legal Delta v2002.4 and Suisun Marsh

DRMS (Delta Risk Management Strategy)

DWR

IMPR_VALUE

Data type: String

TOT_VALUE

Data type: String

ASSMT_YEAR

Data type: String

MKT_LAND_V

Data type: String

MKT_IMPR_V

Data type: String

TOT_MKT_VA

Data type: String

MKT_VAL_YR

Data type: String

REC_DATE

Data type: String

SALES_PRIC

Data type: String

SALES_CODE

Data type: String

STD_LAND_U

Data type: String

LOT_SIZE

Data type: String

BLDG_AREA

Data type: String

YEAR_BUILT

Data type: String

NO_OF_STOR

Data type: String

NO_OF_UNIT

Data type: String

TOTAL_ROOM

Data type: String

TYPE_CONST

Data type: String

EXT_WALL

Data type: String

FOUNDATION

Data type: String

BASEMENT

Data type: String

ROOF

Data type: String

EDITION

Data type: String

TAPE_CUT_D

Data type: String

RECORD_TYP

Data type: String

FIELD3

Data type: String

FIELD4

Data type: String

FIELD7

Data type: String

APN_1

Data type: String

FIELD9

Data type: String

OWNER_NAME

Data type: String

OWNERFIRST

Data type: String

OWNERLAST

Data type: String

OWNERGROUP

Data type: String

OWNER_2

Data type: String

STREET_ADD

Data type: String

CITY_STATE

Data type: String

ZIPCODE

Data type: String

OBJECTID

Data type: Number

DUPS

Data type: String

COUNTYAPN

Data type: String

DB_MATCH

Data type: String

SHAPE_area

Data type: Number

Definition:

Area of feature in internal units squared.

Definition Source:

ESRI

SHAPE_len

Data type: Number

FID_1

Data type: Number

PARC_PY_ID

Data type: Number

FID_2

Data type: Number

PARC_PY_1

Data type: Number

PARCEL_NO

Data type: String

TRA

Data type: String

OS_CODE

Data type: String

P_OWNER_NM

Data type: String

OS_PRCNT

Data type: Number

OWN_ID_2ND

Data type: String

OWN_NM_2ND

Data type: String

SR_PST_FLG

Data type: String

RETRED_FLG

Data type: String

LIEN_YEAR

Data type: String

TRA_CH_YR

Data type: String

N_STR_NM

Data type: String

N_STR_SUF

Data type: String

N_ODD_EVN

Data type: String

N_STR_NBR

Data type: String

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DRMS (Delta Risk Management Strategy)

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N_FRAC

Data type: String

N_APT_NBR

Data type: String

N_CTY_ST

Data type: String

N_ZIP

Data type: String

N_ZIP_EXT

Data type: String

DESC

Data type: String

VACANT_LOT

Data type: String

VIEW

Data type: String

ACREAGE

Data type: Number

S_STR_NM

Data type: String

S_STR_SUF

Data type: String

S_ODD_EVN

Data type: String

S_STR_NBR

Data type: String

S_FRAC

Data type: String

S_APT_NBR

Data type: String

S_CTY_ABBR

Data type: String

S_ZIP

Data type: String

S_ZIP_EXT

Data type: String

N_TAX_CODE

Data type: String

RJCT_CODE

Data type: String

C_DED_NBR

Data type: String

C_DED_DT

Data type: String

P_DED_NBR

Data type: String

P_DED_DT

Data type: String

P_DED_NBR2

Data type: String

P_DED_DT2

Data type: String

FRM_PRCL

Data type: String

TO_PRCL

Data type: String

USE_CODE

Data type: String

RESP_CODE

Data type: String

LND_VAL_SN

Data type: String

IMP_VAL_SN

Data type: String

IMP_VAL

Data type: Number

PER_PRP_SN

Data type: String

PER_PRPTY

Data type: Number

XMP_CODE1

Data type: String

XMPNBR_SN

Data type: String

XMP_NBR1

Data type: Number

XMPAMT_SN

Data type: String

XMP_AMT1

Data type: Number

XMP_CODE2

Data type: String

XMPNBR_SN2

Data type: String

XMP_NBR2

Data type: Number

XMPAMT_SN2

Data type: String

XMP_AMT2

Data type: Number

XMP_CODE3

Data type: String

XMPNBR_SN3

Data type: String

XMP_NBR3

Data type: Number

XMPAMT_SN3

Data type: String

XMP_AMT3

Data type: Number

AR_SWP_DT

Data type: String

TRACT

Data type: String

C_DED_FG

Data type: String

C_DED_SN

Data type: String

C_DED_PCT

Data type: Number

DEED_TYPE2

Data type: String

C_DED_FG2

Data type: String

C_DED_SN2

Data type: String

C_DED_PCT2

Data type: Number

DDRA_SN2

Data type: String

DDRA2

Data type: Number

DEED_TYPE3

Data type: String

C_DED_FG3

Data type: String

C_DED_SN3

Data type: String

C_DED_PCT3

Data type: Number

DDRA_SN3

Data type: String

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DWR

DDRA3

Data type: Number

RTRD_DT

Data type: String

VAL_CH_CD

Data type: String

PSI_VAL_SN

Data type: String

PSI_VAL

Data type: Number

PRP_PEN_SN

Data type: String

PRP_PEN

Data type: Number

PSI_PEN_SN

Data type: String

PSI_PEN

Data type: Number

LND_PEN_SN

Data type: String

LND_PEN

Data type: Number

IMP_PEN_SN

Data type: String

IMP_PEN

Data type: Number

TYPE

Data type: String

BLDNG_NBR

Data type: Number

NBR_BLDNGS

Data type: Number

BEDS

Data type: Number

BATHS

Data type: Number

TOT_ROOMS

Data type: Number

CARPOR

Data type: String

GARAGE

Data type: String

STALLS

Data type: Number

YR_HS_BLT

Data type: String

BLD_EFFYR

Data type: String

TOT_AREA

Data type: Number

TLA

Data type: Number

YR_PL_BLT

Data type: String

POOL

Data type: String

MSC_BLDG

Data type: String

YR_BLT_MSC

Data type: String

UNITS

Data type: Number

GARAGE2

Data type: String

CARPOR2

Data type: String

STALLS2

Data type: Number

GR_LND_AR

Data type: Number

YR_BUILT

Data type: String

BLDG_SQFT

Data type: Number

Distance

Data type: Number

RespCode

Data type: String

R_D_NO

Data type: String

Note: **Yellow** Highlighted Fields are not populated

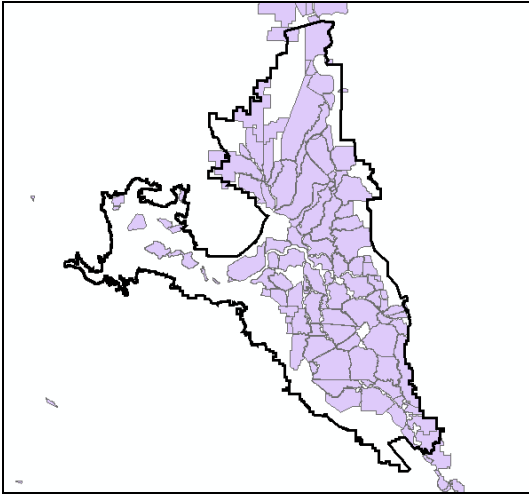
Blue Highlighted Fields are only partially populated

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ReclamationDistricts.shp**Geometry Type:** Polygon**Number of records:** 175**Theme:** Reclamation Districts, boundaries, version 7**Place:** California**Temporal:** 2006.03**Abstract**

Reclamation district boundaries within the state of California. This delineation represents the seventh major revision of this dataset, after the sixth revision from 2/2006, after the fifth major revision from 1/2005, the fourth major revision from 10/2004, the third major revision from 6/2003, the second version from 10/2002, and after the first version produced by Office of Emergency Services during the 1997 floods. It was recognized that certain district boundaries in that GIS coverage were inaccurate, which prompted DWR Delta Levees Program to undertake an improvement of the entire dataset beginning in May of 2001.

Version 7 notes: 3 of the Suisun Marsh Districts were completely remapped. Due to a suspect shared boundary between Honker Bay Club & Simmons-Wheeler, the District engineer (MBK Engineers) was contacted for updated levee stationing, which revealed the more correct versions of those three districts as seen here. In the case of S-W & Honker Bay, the levee centerlines supplied by MBK Engineers were used to delineate the District boundary, so the actual boundaries are more waterward of these boundaries. For Van Sickle Island, the 2003 color ortho of Suisun Marsh was used to guide the boundary draw, following the levee in the ortho and the stations from the files, as they indicated. The original field info was carried over into the new polys, and the old polys were deleted.

Also, RD 2121 Bixler Tract was added. There isn't much info on this district anywhere that I can find. They aren't even in the directory of flood officials. But it is an active

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district. This may have been a remnant district created after the merger and re-alignment of Palm & Orwood into one RD, and it's numbering would be consistent with that, although that's speculative.

Version 6 notes: Palm & Orwood Tracts (RD 2024 & 2036) were combined into Palm-Orwood Tract (RD 2024).

Version 5 notes: Two districts were added to version 4, Winter in Contra Costa County and Atlas in San Joaquin County. Winter had been represented by a now-defunct earlier district with a more extensive boundary. This represents the current district for that island. Atlas is a very small district right by Stockton that had previously been unknown to Delta Levees Program, and is now in the database.

Version 4 notes: Updated to include new Reclamation District 2137, Dutch Slough. District drawn according to plat map included with Legal Description filed with Contra Costa County LAFCO dated 7/8/2003. Parcels indicated on that map were selected from the Contra Costa County Assessor's office GIS layer and built into this Reclamation District boundary. So it was not drawn literally from the legal description metes and bounds.

Version 3 notes: The RD boundaries were improved to reflect: 1) changes to Hotchkiss Tract, approved by LAFCO, in 1/2003, 2) additional RDs in Suisun Marsh, and 3) updated contact information for some Delta districts. The Marsh district boundaries were drawn by interpretation from a hand-drawn map, of the general boundaries, then estimating the actual boundary based on imagery and other scanned maps. Otherwise, the data is as in version 2, described below.

Legal descriptions of individual Reclamation District boundaries were obtained wherever possible and used as the primary source for all boundaries. Although these boundaries are generally based on legal descriptions, and are therefore potentially relatively accurate, the boundaries in this dataset do not constitute a survey boundary for any land delineation application whatsoever.

In some cases, there were some problems with using the legal descriptions. For example, in some cases legal descriptions were simply not readily available, even though efforts were undertaken to obtain the descriptions from DWR Land & Right of Way, and from the individual district files themselves. Oftentimes, the legal descriptions were based on previous records which were either difficult and/or impossible to locate. For example, many Swamp Land Surveys, which themselves are of questionable "basemapping" practicality, were referenced in the legal descriptions. The mapping project did not warrant sufficient expenditure to locate and accurately map from such sources. Problems encountered where insufficient records were obtained are described below for the individual districts, so if the user is interested in an individual district, this dataset can be a helpful start.

This dataset, therefore, is somewhat of a Frankenstein, although the source of Frankenstein's body parts is fairly well documented. There are four primary mapping qualities (a database field describes which for each district) here: 1) districts mapped entirely from legal descriptions, 2) districts mapped from legal descriptions, but where some references of the description were either unavailable or otherwise insufficient for mapping, 3) districts mapped from DWR Land Use maps, as shown on those maps, and

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4) districts mapped by the original Office of Emergency Services GIS coverage. This list also indicates the order of preference used in building this final RD dataset. Hotchkiss Tract was mapped from a revised boundary provided by KSN Engineers to DWR Delta Levees during 1/2002. Walnut Grove (RD 554) was modified to include the other side of the Slough, and the southeast corner of Union Island East, on the other side of the back levee, was included as appropriate. A few other districts remain in glaring question, for example, the actual boundary of Drexler Tract.

The table also includes information on whether or not certain districts are active and some contact info (from the OES '97 table). The active/inactive information is as discussed in Bulletin 37, 1930, Division of Water Resources report "Financial & General Data Pertaining to Irrigation, Reclamation, & Other Public Districts in California." RD 1619 (Bethel Island), 317 and 407 (Brannan-Andrus) were changed to inoperating as per current knowledge.

Some districts which are not reclamation districts, but which previously have been lumped into RD shapefiles and coverages, were not included in this dataset. Most notably, Stanislaus (an irrigation district), American River (a flood control district), Bethel Island (a municipal improvement district), and Brannan-Andrus (a levee district), are not in this dataset. Bethel Island Municipal Improvement District's predecessor, RD 1619, is in this database, but this is an inactive RD. See other feature classes in the "districts_water_management" geoDB for these boundaries.

Mapping was conducted as follows: Melissa Lee, under DWR Delta Levees, worked with Jean Woods (DWR Central District) on an AutoCAD station to map the boundaries according to the Land Use maps. It became apparent that this method was insufficient for many cases, so Melissa obtained DWR Land & Right of Way copies of Reclamation District boundary legal descriptions as available. Melissa completed some of this mapping. In 9/2001, Joel Dudas provided Chico State University Geographic Information Center with the legal descriptions and with the draft shapefiles from land use and legal boundaries. Additional boundaries, including more legal descriptions, swamp land surveys, and old maps, were obtained by Joel Dudas from the State Archives, the State Lands Commission, and the RD legal representatives, as available. Chico State (contact Jason Schwenkler) mapped from legal descriptions onto 1:24000 quads as physical control. The completed districts were sent to Joel Dudas in 9/2002 in one large merged file. Dudas then augmented the Chico State work with the existing attribute data, merged the districts absent in either the legal or land use collections, and compiled the results in 10/2002 for review. The documentation of the individual district issues, contained below, was prepared by Chico State. In effect, the legal boundaries are mostly from Chico, the "land use" boundaries are from DWR Land Use maps, and the others are from the original OES '97 shapefile. Some boundaries in the Delta were modified by Delta Levees as known.

There are undoubtedly improvements which can be made to this dataset. Comments and improvements should be forwarded to DWR Delta Levees Program (Joel Dudas) 916-651-7002 for synthesis.

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Purpose

Locate where reclamation districts are within a vicinity. This is not a dataset which should be used for legal delineations. It is purely intended for general location of district boundaries.

Supplementary Information

Published to DWR Spatial Data Library 1/14/2005. Published as an export to geoDB feature class output. Source to Library is DWR Delta Levees Program. These data are distributed as part of the DWR Spatial Data Library. Please advise dataset administrator of any improvements or suggestions for these data, or if additional metadata can be contributed. The state of California, the Department of Water Resources, the Programs, and the individuals working in support of any of the preceding shall have no legal responsibility for providing data to the DWR Spatial Data Library, and shall have no responsibility for any errors or omissions, or for the use or results obtained from the use of this information. User acknowledges and accepts these terms upon receipt of display of any of the contents of any of the files associated with these data. Source is DWR Delta Levees Program, documented and cataloged by Joel Dudas, 10/2002. Work towards this dataset was contributed by DWR Central District, DWR Delta Levees, DWR Land & Right of Way, DWR Flood Management, Chico State University, State Lands Commission, and the State Archives.

Attributes:

<u>OBJECTID_1</u>	<u>PERSON_1</u>	<u>ZIP_CODE_1</u>
Data type: OID	Data type: String	Data type: Float
Definition:	<u>trustee</u>	<u>Shape_Area</u>
Internal feature number.	Data type: String	Data type: String
Definition Source:	<u>trustee_2</u>	Definition:
ESRI	Data type: String	Area of feature in
<u>Shape</u>	<u>ADDRESS_1</u>	internal units squared.
Data type: Geometry	Data type: String	Definition Source:
Definition:	<u>Priority</u>	ESRI
Feature geometry.	Data type: String	<u>boundary_s</u>
Definition Source:	<u>FID</u>	Data type: String
ESRI	Data type: String	<u>Shape_Leng</u>
<u>R_D_NO</u>	Definition:	Data type: String
Data type: Number	Internal feature number.	<u>attorney_n</u>
<u>COUNTY</u>	Definition Source:	Data type: String
Data type: String	ESRI	<u>district_e</u>
<u>rd_status</u>	<u>PHONE_NO_1</u>	Data type: String
Data type: String	Data type: String	<u>chairperso</u>
<u>RD_NAME_1</u>	<u>CITY_1</u>	Data type: Number
Data type: String	Data type: Float	<u>DBF_Link</u>
		Data type: String

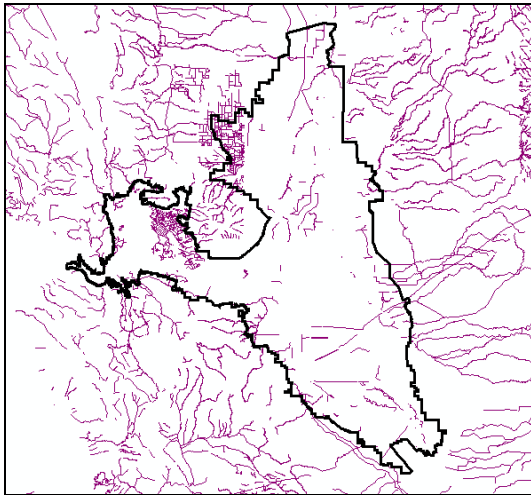
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rivers_ca_local.shp



*Data Available for all of the United States

Geometry Type: Line

Number of records: 2786479

Theme: line, water, hydrology, naturally flowing, channel, inland body, seaward body, man-made, inlandWaters, oceans, transportation

Place: United States

Temporal: 2002, 1998-2002

Abstract

U.S. MapData Hydrology represents hydrology features within United States. Hydrology includes the following: naturally flowing water features, man-made channels to transport water, inland bodies of water, man-made bodies of water, seaward bodies of water, bodies of water in a man-made excavation, and special water features.

Purpose

U.S. MapData Hydrology provides water features for United States.

Supplementary Information

Largest scale when displaying the data: 1:100,000.

Attributes

ObjectID

Data type: OID

Definition:

Internal feature number.

Definition Source:

ESRI

NAME

Data type: String

Definition:

The name of the water feature.

Definition Source:

ESRI

CLASS

Data type: String

Definition:

The Census Feature

Class definition for the water feature.

Definition Source:

Department of

Commerce, Census

Bureau

CFCC

Data type: String

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Underline is Field Name

Base polygon in thumbnails is Legal Delta v2002.4 and Suisun Marsh

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Definition:
The Census Feature
Class Code. The code is
three characters; the first
character is a letter
describing the feature
class; the second
character is a number
describing the major
category; and the third

character is a number
describing the minor
category.
Definition Source:
Department of
Commerce, Census
Bureau
LENGTH
Data type: Double
Definition:

The length of the water
feature in miles.
Definition Source: ESRI
shape
Data type: Geometry
Definition:
Feature geometry.
Definition Source: ESRI

Note: **Yellow** Highlighted Fields are not populated

Blue Highlighted Fields are only partially populated

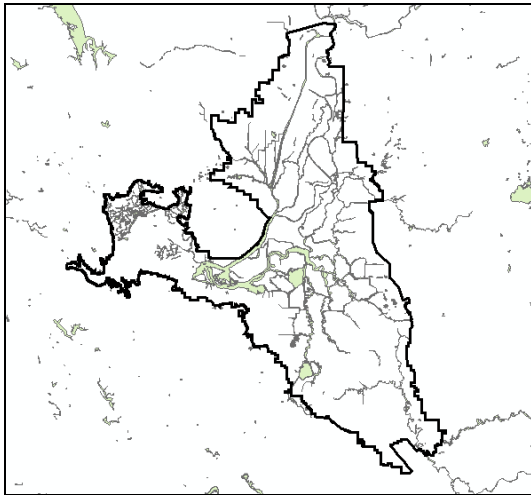
Underline is Field Name

Base polygon in thumbnails is Legal Delta v2002.4 and Suisun Marsh

DRMS (Delta Risk Management Strategy)

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water_ca_local.shp



*Data Available for all of the United States

Geometry Type: Polygon

Number of records: 405881

Theme: polygon, water, hydrography, naturally flowing, channel, inland body, seaward body, man-made, inlandWaters, oceans, transportation

Place: United States

Temporal: 2002, 1998-2002

Abstract

U.S. MapData Water Boundaries represents water feature areas within United States. Water boundaries include the following: basic hydrography, naturally flowing water features, man-made channels to transport water, inland bodies of water, man-made bodies of water, seaward bodies of water, bodies of water in a man-made excavation, and special water features.

Purpose

U.S. MapData Water Boundaries provides water feature areas for display at local, regional, and national levels.

Supplementary Information

Largest scale when displaying the data: 1:100,000.

Attributes:

ObjectID

Data type: OID

Definition:

Internal feature number.

Definition Source:

ESRI

NAME

Data type: String

Definition: The name of the water feature.

Definition Source:

ESRI

CFCC

Data type: String

Definition:

The Census Feature

Class Code. The code is three characters; the first

Note: **Yellow** Highlighted Fields are not populated

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Underline is Field Name

Base polygon in thumbnails is Legal Delta v2002.4 and Suisun Marsh

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character is a letter describing the feature class; the second character is a number describing the major category; and the third character is a number describing the minor category.

Definition Source: Department of Commerce, Census Bureau

CLASS

Data type: String
Definition: The Census Feature Class definition for the water feature.
Definition Source: Department of Commerce, Census Bureau

AREA

Data type: Double
Definition:

The area of the water feature in square miles.
Definition Source: ESRI
shape
Data type: Geometry
Definition: Feature geometry.
Definition Source: ESRI

Note: **Yellow** Highlighted Fields are not populated

Blue Highlighted Fields are only partially populated

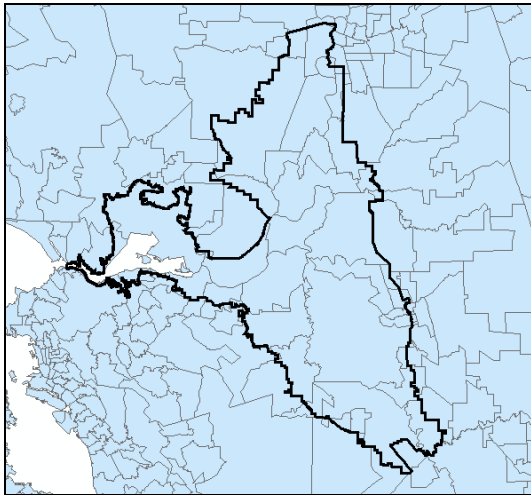
Underline is Field Name

Base polygon in thumbnails is Legal Delta v2002.4 and Suisun Marsh

DRMS (Delta Risk Management Strategy)

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zipcodes_ca.shp



*Data Available for all of the United States

Geometry Type: Polygon

Number of records: 30143

Theme: polygon, zip codes, areas, five-digit zip codes, post offices, population, location, society

Place: United States

Temporal: 2001, 2000, 2001

Abstract

U.S. ZIP Code Areas represents five-digit ZIP Code areas used by the U.S. Postal Service to deliver mail more effectively. The first digit of a five-digit ZIP Code divides the country into 10 large groups of states numbered from 0 in the Northeast to 9 in the far West. Within these areas, each state is divided into an average of 10 smaller geographical areas, identified by the 2nd and 3rd digits. These digits, in conjunction with the first digit, represent a sectional center facility or a mail processing facility area. The 4th and 5th digits identify a post office, station, branch or local delivery area.

Purpose

U.S. ZIP Code Areas provides area, post office name, and population for each ZIP Code area in the United States.

Supplementary Information

Largest scale when displaying the data: 1:100,000.

Attributes:

<u>FID</u>	Definition Source:	Definition:
Data type: OID	ESRI	Feature geometry.
Definition:	<u>Shape</u>	Definition Source:
Internal feature number.	Data type: Geometry	ESRI

Note: **Yellow** Highlighted Fields are not populated

Blue Highlighted Fields are only partially populated

Underline is Field Name

Base polygon in thumbnails is Legal Delta v2002.4 and Suisun Marsh

DRMS (Delta Risk Management Strategy)

DWR

ZIP

Data type: String

Definition:

The five-digit number used by the postal service to identify an area where mail is delivered.

Definition Source:

United States Postal Service

PO_NAME

Data type: String

Definition:

The post office name.

Definition Source:

United States Postal Service

STATE

Data type: String

Definition:

The two-letter abbreviation for the state in which the ZIP Code area is located.

Definition Source:

United States Postal Service

AREA

Data type: Number

Definition:

The area of the ZIP Code polygon in square miles using Albers Equal Area Projection.

Definition Source:

ESRI

SUMBLKPOP

Data type: Number

Definition:

The sum of the 2000 population for the Census Bureau Block polygon centroids which fall within the zip code area.

Definition Source:

ESRI; Department of Commerce, Census Bureau

POP2001

Data type: Number

Definition:

The 2001 estimated population of the ZIP Code area.

Definition Source:

ESRI Business Information Solutions

Note: **Yellow** Highlighted Fields are not populated

Blue Highlighted Fields are only partially populated

Underline is Field Name

Base polygon in thumbnails is Legal Delta v2002.4 and Suisun Marsh

