

Humboldt Bay and Eel River Delta Data Inventory

Data in a Geographic Information System (GIS) Compatible Format					
Data Set Title	Description	Data Type	Spatial Extent	URL to Obtain Data	Data Contact Information
1993 High Tide (MHHW)	The extent of Mean High High Water (high tide) of Humboldt Bay, northern California.	Polygon, .e00	Humboldt Bay	<a href="http://www.humboldtbay.org/gis/datadownloads.html">http://www.humboldtbay.org/gis/datadownloads.html</a>	Humboldt State University, Advanced Spatial Analysis Facility, (707) 826-3202
1993 Low Tide (MLLW)	The extent of Mean Low Low Water (low tide) of Humboldt Bay, northern California.	Polygon, .e00	Humboldt Bay	<a href="http://www.humboldtbay.org/gis/datadownloads.html">http://www.humboldtbay.org/gis/datadownloads.html</a>	Humboldt State University, Advanced Spatial Analysis Facility, (707) 826-3202
1993 20' Contour	The 1993 -20 feet (w/respect to Mean Low Low Water) bathymetric contour of Humboldt Bay, northern California.	Polygon, .e00	Humboldt Bay	<a href="http://www.humboldtbay.org/gis/datadownloads.html">http://www.humboldtbay.org/gis/datadownloads.html</a>	Humboldt State University, Advanced Spatial Analysis Facility, (707) 826-3202
1993 Channels and Basins	Dredged channels and turning basins from 1993 in Humboldt Bay, northern California.	Polygon, .e00	Humboldt Bay	<a href="http://www.humboldtbay.org/gis/datadownloads.html">http://www.humboldtbay.org/gis/datadownloads.html</a>	Humboldt State University, Advanced Spatial Analysis Facility, (707) 826-3202
1993 Bathymetry	Bathymetric points throughout Humboldt Bay, northern California.	Point, .e00	Humboldt Bay	<a href="http://www.humboldtbay.org/gis/datadownloads.html">http://www.humboldtbay.org/gis/datadownloads.html</a>	Humboldt State University, Advanced Spatial Analysis Facility, (707) 826-3202
1993 Marshes	The 1993 location of marshes in and around Humboldt Bay, northern California.	Polygon, .e00	Humboldt Bay	<a href="http://www.humboldtbay.org/gis/datadownloads.html">http://www.humboldtbay.org/gis/datadownloads.html</a>	Humboldt State University, Advanced Spatial Analysis Facility, (707) 826-3202
1944 High Tide	The extent of Mean High Water (high tide) of Humboldt Bay, northern California.	Polygon, .e00	Humboldt Bay	<a href="http://www.humboldtbay.org/gis/datadownloads.html">http://www.humboldtbay.org/gis/datadownloads.html</a>	Humboldt State University, Advanced Spatial Analysis Facility, (707) 826-3202
1944 Low Tide	The extent of Mean Low Low Water (low tide) of Humboldt Bay, northern California.	Polygon, .e00	Humboldt Bay	<a href="http://www.humboldtbay.org/gis/datadownloads.html">http://www.humboldtbay.org/gis/datadownloads.html</a>	Humboldt State University, Advanced Spatial Analysis Facility, (707) 826-3202
1944 Bathymetry	Bathymetric points in Humboldt Bay, northern California.	Polygon, .e00	Humboldt Bay	<a href="http://www.humboldtbay.org/gis/datadownloads.html">http://www.humboldtbay.org/gis/datadownloads.html</a>	Humboldt State University, Advanced Spatial Analysis Facility, (707) 826-3202
1944 Marshes	Marshes in and around Humboldt Bay, northern California.	Polygon, .e00	Humboldt Bay	<a href="http://www.humboldtbay.org/gis/datadownloads.html">http://www.humboldtbay.org/gis/datadownloads.html</a>	Humboldt State University, Advanced Spatial Analysis Facility, (707) 826-3202
1912 High Tide	The extent of Mean High High Water (high tide) of Humboldt Bay, northern California.	Polygon, .e00	Humboldt Bay	<a href="http://www.humboldtbay.org/gis/datadownloads.html">http://www.humboldtbay.org/gis/datadownloads.html</a>	Humboldt State University, Advanced Spatial Analysis Facility, (707) 826-3202
1912 Low Tide	The extent of Mean Low Low Water (low tide) of Humboldt Bay, northern California.	Polygon, .e00	Humboldt Bay	<a href="http://www.humboldtbay.org/gis/datadownloads.html">http://www.humboldtbay.org/gis/datadownloads.html</a>	Humboldt State University, Advanced Spatial Analysis Facility, (707) 826-3202
1912 Bathymetry	1912 bathymetric points in Humboldt Bay, northern California.	Polygon, .e00	Humboldt Bay	<a href="http://www.humboldtbay.org/gis/datadownloads.html">http://www.humboldtbay.org/gis/datadownloads.html</a>	Humboldt State University, Advanced Spatial Analysis Facility, (707) 826-3202
1912 Marsh	The amount of land covered by marshes, a type of wetland, in 1912.	Polygon, .e00	Humboldt Bay	<a href="http://www.humboldtbay.org/gis/datadownloads.html">http://www.humboldtbay.org/gis/datadownloads.html</a>	Humboldt State University, Advanced Spatial Analysis Facility, (707) 826-3202
High Tide Fluctuation	High tide losses and gains in Humboldt Bay between 1944 and 1993.	Polygon, .e00	Humboldt Bay	<a href="http://www.humboldtbay.org/gis/datadownloads.html">http://www.humboldtbay.org/gis/datadownloads.html</a>	Humboldt State University, Advanced Spatial Analysis Facility, (707) 826-3202
Low Tide Fluctuation	Low tide losses and gains in Humboldt Bay between 1944 and 1993.	Polygon, .e00	Humboldt Bay	<a href="http://www.humboldtbay.org/gis/datadownloads.html">http://www.humboldtbay.org/gis/datadownloads.html</a>	Humboldt State University, Advanced Spatial Analysis Facility, (707) 826-3202
Marsh Fluctuation	Marsh losses and gains in Humboldt Bay between 1944 and 1993.	Polygon, .e00	Humboldt Bay	<a href="http://www.humboldtbay.org/gis/datadownloads.html">http://www.humboldtbay.org/gis/datadownloads.html</a>	Humboldt State University, Advanced Spatial Analysis Facility, (707) 826-3202
Land Use (1980)	Depicts historical changes to regions of Humboldt Bay, northern California. To show how land use in and around Humboldt Bay has changed in historic times.	Polygon, .e00	Humboldt Bay	<a href="http://www.humboldtbay.org/gis/datadownloads.html">http://www.humboldtbay.org/gis/datadownloads.html</a>	Humboldt State University, Advanced Spatial Analysis Facility, (707) 826-3202
Humboldt Bay Berths (2008)	Distribution of public and private Berths in Humboldt Bay	point. Shp	Humboldt Bay	<a href="http://www.humboldtbay.org">www.humboldtbay.org</a>	Adam Wagschal Humboldt Bay Harbor District (707) 443-0801 <a href="mailto:adam@portofhumboldtbay.org">adam@portofhumboldtbay.org</a>

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Humboldt Bay Mariculture (2007)	Distribution of oyster beds in Humboldt Bay.	polygon, shp	Humboldt Bay	<a href="http://www.humboldtбай.org">www.humboldtбай.org</a>	Adam Wagschal Humboldt Bay Harbor District (707) 443-0801 adam@portofhumboldtбай.org
Humboldt Bay Water Control Structures (2007)	Distribution of water control structures (e.g., tide gates and culverts) in Humboldt Bay.	polygon. Shp	Humboldt Bay	<a href="http://www.humboldtбай.org">www.humboldtбай.org</a>	Adam Wagschal Humboldt Bay Harbor District (707) 443-0801 adam@portofhumboldtбай.org
Roads (1912)		Line, .e00	unknown	<a href="http://www.humboldtбай.org/gis/datadownloads.html">http://www.humboldtбай.org/gis/datadownloads.html</a>	Adam Wagschal - Humboldt Bay Harbor District - (707) 443-0801
USGS Roads (1995)	Depicts several classes of transportation features including jeep trails, hiking trails, city streets, thoroughfares, roads, state highways, US highways, county highways, and interstates that occur in the Klamath Economic zone.	Line, .e00	Humboldt Bay	<a href="http://www.humboldtбай.org/gis/datadownloads.html">http://www.humboldtбай.org/gis/datadownloads.html</a>	David Ramirez, GIS Analyst, Humboldt State University, Spatial Analysis Lab Dept. of Natural Resources Planning & Interpretation, Arcata, CA 95521-8299, (707) 826-5417
Humboldt Bay Management Plan Boundary	Boundary within which the Humboldt Bay Harbor District's Humboldt Bay Management Plan applies.	Polygon, .e00	unknown	<a href="http://www.humboldtбай.org/gis/datadownloads.html">http://www.humboldtбай.org/gis/datadownloads.html</a>	Adam Wagschal - Humboldt Bay Harbor District - (707) 443-0801
Sphere of Interest	Sphere of interest for the Humboldt Bay Harbor District.	Line, .e00	unknown	<a href="http://www.humboldtбай.org/gis/datadownloads.html">http://www.humboldtбай.org/gis/datadownloads.html</a>	Adam Wagschal - Humboldt Bay Harbor District - (707) 443-0801
Wateruse	Types of water uses in different portions of Humboldt Bay.	Polygon, .e00	unknown	<a href="http://www.humboldtбай.org/gis/datadownloads.html">http://www.humboldtбай.org/gis/datadownloads.html</a>	Adam Wagschal - Humboldt Bay Harbor District - (707) 443-0801
Major Owners	Major land owners around Humboldt Bay	Polygon, .e00	unknown	<a href="http://www.humboldtбай.org/gis/datadownloads.html">http://www.humboldtбай.org/gis/datadownloads.html</a>	Adam Wagschal - Humboldt Bay Harbor District - (707) 443-0801
Parcels	Land ownership around Humboldt Bay	Polygon, .e00	unknown	<a href="http://www.humboldtбай.org/gis/datadownloads.html">http://www.humboldtбай.org/gis/datadownloads.html</a>	Adam Wagschal - Humboldt Bay Harbor District - (707) 443-0801
1980 Sediments	Sediment deposits in the Humboldt Bay region.	Polygon, .e00	Humboldt Bay	<a href="http://www.humboldtбай.org/gis/datadownloads.html">http://www.humboldtбай.org/gis/datadownloads.html</a>	Adam Wagschal - Humboldt Bay Harbor District - (707) 443-0801
2000 Geology	Lithological units in the Humboldt Bay region.	Polygon, .e00	Humboldt Bay	<a href="http://www.humboldtбай.org/gis/datadownloads.html">http://www.humboldtбай.org/gis/datadownloads.html</a>	Adam Wagschal - Humboldt Bay Harbor District - (707) 443-0801
Water Quality	Water quality sampling locations in Humboldt Bay.	Polygon, .e00	Humboldt Bay	<a href="http://www.humboldtбай.org/gis/datadownloads.html">http://www.humboldtбай.org/gis/datadownloads.html</a>	Adam Wagschal - Humboldt Bay Harbor District - (707) 443-0801
Shellfish Reserves	Shellfish reserves in Humboldt Bay	Polygon, .e00	Humboldt Bay	<a href="http://www.humboldtбай.org/gis/datadownloads.html">http://www.humboldtбай.org/gis/datadownloads.html</a>	Adam Wagschal - Humboldt Bay Harbor District - (707) 443-0801
Clam Beds	Clam beds in Humboldt Bay	Polygon, .e00	Humboldt Bay	<a href="http://www.humboldtбай.org/gis/datadownloads.html">http://www.humboldtбай.org/gis/datadownloads.html</a>	Adam Wagschal - Humboldt Bay Harbor District - (707) 443-0801
Bird Habitat	Duck, bufflehead and osprey nesting, hunting and feeding areas in Humboldt Bay.	Polygon, .e00	Humboldt Bay	<a href="http://www.humboldtбай.org/gis/datadownloads.html">http://www.humboldtбай.org/gis/datadownloads.html</a>	Adam Wagschal - Humboldt Bay Harbor District - (707) 443-0801
Bird Localities	Bird observations in Humboldt Bay.	Polygon, .e00	Humboldt Bay	<a href="http://www.humboldtбай.org/gis/datadownloads.html">http://www.humboldtбай.org/gis/datadownloads.html</a>	Adam Wagschal - Humboldt Bay Harbor District - (707) 443-0801
Seals	Seal observations in Humboldt Bay.	Polygon, .e00	Humboldt Bay	<a href="http://www.humboldtбай.org/gis/datadownloads.html">http://www.humboldtбай.org/gis/datadownloads.html</a>	Adam Wagschal - Humboldt Bay Harbor District - (707) 443-0801
Habitat (1980)	Habitat types within Humboldt Bay and the surrounding vicinity, as outlined in the 1980 Humboldt Bay Wetlands Review and Baylands Analysis	Polygon, .e00	Humboldt Bay	<a href="http://www.humboldtбай.org/gis/datadownloads.html">http://www.humboldtбай.org/gis/datadownloads.html</a>	Eric Haney, CA Dept. of Fish and Game, ehaney@dfg.ca.gov, 530-225-2052
Eel Grass (1997)	Eelgrass extents in Humboldt Bay.	Polygon, .e00	Humboldt Bay	<a href="http://www.humboldtбай.org/gis/datadownloads.html">http://www.humboldtбай.org/gis/datadownloads.html</a>	Adam Wagschal - Humboldt Bay Harbor District - (707) 443-0801

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Data Set Title	Description	Data Type	Spatial Extent	URL to Obtain Data	Data Contact Information
Historic Eel Grass	Historic eelgrass extents in Humboldt Bay.	Polygon, .e00	Humboldt Bay	<a href="http://www.humboldtбай.org/gis/datadownloads.html">http://www.humboldtбай.org/gis/datadownloads.html</a>	Adam Wagschal - Humboldt Bay Harbor District - (707) 443-0801
National Wetlands Inventory (1992)	NWI digital data files are records of wetlands location and classification as defined by the U.S. Fish & Wildlife Service. This dataset is one of a series available in 7.5 minute by 7.5 minute blocks containing ground planimetric coordinates of wetlands point, line, and area features and wetlands attributes.	Polygon, .e00	Humboldt Bay	<a href="http://www.humboldtбай.org/gis/datadownloads.html">http://www.humboldtбай.org/gis/datadownloads.html</a>	US Fish & Wildlife Service, National Wetlands Inventory, 9720 Executive Center Dr, St Petersburg, FL 33702
Coast Strip LiDAR	Lidar imagery.	.e00	Humboldt Bay	<a href="http://www.humboldtбай.org/gis/datadownloads.html">http://www.humboldtбай.org/gis/datadownloads.html</a>	Adam Wagschal - Humboldt Bay Harbor District - (707) 443-0801
CA Dept of Forestry and Fire Protection	Many various GIS data layers, mostly vegetation and census information	.e00 and shapefiles	State of California	<a href="http://frap.cdf.ca.gov/data/frappgisdata/select.asp">http://frap.cdf.ca.gov/data/frappgisdata/select.asp</a>	
10m bathymetry to 600m depth (2000)	10 meter bathymetric contour lines to 600 meters depth on the California coast. Purpose of data is to visualize the bathymetric change in the nearshore California continental shelf.	Line, .shp	Coast of California	<a href="http://www.dfg.ca.gov/itbweb/gis/mr.htm">http://www.dfg.ca.gov/itbweb/gis/mr.htm</a>	Will Patterson, GIS Analyst, Information Technology Branch, CA Dept of Fish and Game, 1807 13 Street Suite 201, Sacramento, CA 95814, (916) 323-1484, wpatters@dfg.ca.gov
200m bathymetry Grids (2002)	California coastwide bathymetric DEMs at 200 meter resolution with depth values in decimeters. This DEM is a resampled mosaic of smaller, tiled DEMs produced from source data of varying densities.	Grid	Coast of California	<a href="http://www.dfg.ca.gov/itbweb/gis/mr.htm">http://www.dfg.ca.gov/itbweb/gis/mr.htm</a>	Will Patterson, GIS Analyst, Information Technology Branch, CA Dept of Fish and Game, 1807 13 Street Suite 201, Sacramento, CA 95814, (916) 323-1484, wpatters@dfg.ca.gov
50ft bathymetry to 600ft depth	Bathymetric contour lines for California that generally cover the continental shelf at 50 ft contour resolution.	Line, .shp	Coast of California	<a href="http://www.dfg.ca.gov/itbweb/gis/mr.htm">http://www.dfg.ca.gov/itbweb/gis/mr.htm</a>	Will Patterson, GIS Analyst, Information Technology Branch, CA Dept of Fish and Game, 1807 13 Street Suite 201, Sacramento, CA 95814, (916) 323-1484, wpatters@dfg.ca.gov
California Coastal Bathymetry (1997)	Calbath5 is a point coverage of ocean depths gridded on a 5-minute lat/long interval.	Points, .shp	Coast of California	<a href="http://www.dfg.ca.gov/itbweb/gis/mr.htm">http://www.dfg.ca.gov/itbweb/gis/mr.htm</a>	Will Patterson, GIS Analyst, Information Technology Branch, CA Dept of Fish and Game, 1807 13 Street Suite 201, Sacramento, CA 95814, (916) 323-1484, wpatters@dfg.ca.gov
1000m Bathymetry (1997)	1000 meter resolution statewide bathymetric dataset that generally covers the Exclusive Economic Zone (EEZ).	Grid, .tif	Coast of California	<a href="http://www.dfg.ca.gov/itbweb/gis/mr.htm">http://www.dfg.ca.gov/itbweb/gis/mr.htm</a>	Will Patterson, GIS Analyst, Information Technology Branch, CA Dept of Fish and Game, 1807 13 Street Suite 201, Sacramento, CA 95814, (916) 323-1484, wpatters@dfg.ca.gov
Humboldt Bay Bathymetry (1998)	Bathymetric point coverage of Humboldt Bay and vicinity.	Point, .shp	Humboldt Bay	<a href="http://www.dfg.ca.gov/itbweb/gis/mr.htm">http://www.dfg.ca.gov/itbweb/gis/mr.htm</a>	Will Patterson, GIS Analyst, Information Technology Branch, CA Dept of Fish and Game, 1807 13 Street Suite 201, Sacramento, CA 95814, (916) 323-1484, wpatters@dfg.ca.gov
California Nearshore Contour (1999)	California Nearshore Contour Bathymetry generally covering the continental shelf at 50 foot contour resolution.	Line, .shp	Coast of California	<a href="http://www.dfg.ca.gov/itbweb/gis/mr.htm">http://www.dfg.ca.gov/itbweb/gis/mr.htm</a>	Will Patterson, GIS Analyst, Information Technology Branch, CA Dept of Fish and Game, 1807 13 Street Suite 201, Sacramento, CA 95814, (916) 323-1484, wpatters@dfg.ca.gov

## Humboldt Bay and Eel River Delta Data Inventory

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Data Set Title	Description	Data Type	Spatial Extent	URL to Obtain Data	Data Contact Information
Adult Black and Yellow Rockfish common distribution (2001)	Contains the most common distribution for adult black and yellow rockfish. The goal of this shapefile was to provide a range in which this species could occur, given their habitat is present.	Polygon, .shp	Coast of California, including Humboldt Bay	<a href="http://www.dfg.ca.gov/itbweb/gis/mr.htm">http://www.dfg.ca.gov/itbweb/gis/mr.htm</a>	Nancy Wright, GIS Analyst, CA Dept of Fish and Game, 20 Lower Ragsdale Dr., Monterey, CA 93940, (831) 649-2942, <a href="mailto:nmwright@dfg.ca.gov">nmwright@dfg.ca.gov</a>
Adult Black Rockfish distribution (2001)	The entire distribution for adult black rockfish.	Polygon, .shp	Coast of California, including Humboldt Bay	<a href="http://www.dfg.ca.gov/itbweb/gis/mr.htm">http://www.dfg.ca.gov/itbweb/gis/mr.htm</a>	Nancy Wright, GIS Analyst, CA Dept of Fish and Game, 20 Lower Ragsdale Dr., Monterey, CA 93940, (831) 649-2942, <a href="mailto:nmwright@dfg.ca.gov">nmwright@dfg.ca.gov</a>
Adult Blue Rockfish distribution (2001)	Contains the most common distribution for adult blue rockfish. The goal of this shapefile was to provide a range in which this species could occur, given their habitat is present.	Polygon, .shp	Coast of California, including Humboldt Bay	<a href="http://www.dfg.ca.gov/itbweb/gis/mr.htm">http://www.dfg.ca.gov/itbweb/gis/mr.htm</a>	Nancy Wright, GIS Analyst, CA Dept of Fish and Game, 20 Lower Ragsdale Dr., Monterey, CA 93940, (831) 649-2942, <a href="mailto:nmwright@dfg.ca.gov">nmwright@dfg.ca.gov</a>
Entire Distribution of Blue Adult Rockfish (2001)	Contains the entire distribution for adult blue rockfish.	Polygon, .shp	Coast of California, including Humboldt Bay	<a href="http://www.dfg.ca.gov/itbweb/gis/mr.htm">http://www.dfg.ca.gov/itbweb/gis/mr.htm</a>	Nancy Wright, GIS Analyst, CA Dept of Fish and Game, 20 Lower Ragsdale Dr., Monterey, CA 93940, (831) 649-2942, <a href="mailto:nmwright@dfg.ca.gov">nmwright@dfg.ca.gov</a>
Adult Bocaccio Rockfish distribution (2001)	Contains the entire distribution for adult bocaccio rockfish.	Polygon, .shp	Coast of California, including Humboldt Bay	<a href="http://www.dfg.ca.gov/itbweb/gis/mr.htm">http://www.dfg.ca.gov/itbweb/gis/mr.htm</a>	Nancy Wright, GIS Analyst, CA Dept of Fish and Game, 20 Lower Ragsdale Dr., Monterey, CA 93940, (831) 649-2942, <a href="mailto:nmwright@dfg.ca.gov">nmwright@dfg.ca.gov</a>
Adult Brown Rockfish (2001)	Contains the entire distribution for adult brown rockfish.	Polygon, .shp	Coast of California, including Humboldt Bay	<a href="http://www.dfg.ca.gov/itbweb/gis/mr.htm">http://www.dfg.ca.gov/itbweb/gis/mr.htm</a>	Nancy Wright, GIS Analyst, CA Dept of Fish and Game, 20 Lower Ragsdale Dr., Monterey, CA 93940, (831) 649-2942, <a href="mailto:nmwright@dfg.ca.gov">nmwright@dfg.ca.gov</a>
Adult cabezon (2001)	Contains the most common distribution for adult cabezon. The goal of this shapefile was to provide a range in which this species could occur, given their habitat is present.	Polygon, .shp	Coast of California, including Humboldt Bay	<a href="http://www.dfg.ca.gov/itbweb/gis/mr.htm">http://www.dfg.ca.gov/itbweb/gis/mr.htm</a>	Nancy Wright, GIS Analyst, CA Dept of Fish and Game, 20 Lower Ragsdale Dr., Monterey, CA 93940, (831) 649-2942, <a href="mailto:nmwright@dfg.ca.gov">nmwright@dfg.ca.gov</a>
Entire Distribution of Adult cabezon (2001)	Contains the entire distribution for adult cabezon	Polygon, .shp	Coast of California, including Humboldt Bay	<a href="http://www.dfg.ca.gov/itbweb/gis/mr.htm">http://www.dfg.ca.gov/itbweb/gis/mr.htm</a>	Nancy Wright, GIS Analyst, CA Dept of Fish and Game, 20 Lower Ragsdale Dr., Monterey, CA 93940, (831) 649-2942, <a href="mailto:nmwright@dfg.ca.gov">nmwright@dfg.ca.gov</a>
Cabezone eggnest distribution (2001)	Contains the distribution of egg nests for cabezon. The goal of this shapefile was to provide a range in which eggs of this species could occur, given that the appropriate habitat is present.	Polygon, .shp	Coast of California, including Humboldt Bay	<a href="http://www.dfg.ca.gov/itbweb/gis/mr.htm">http://www.dfg.ca.gov/itbweb/gis/mr.htm</a>	Nancy Wright, GIS Analyst, CA Dept of Fish and Game, 20 Lower Ragsdale Dr., Monterey, CA 93940, (831) 649-2942, <a href="mailto:nmwright@dfg.ca.gov">nmwright@dfg.ca.gov</a>
California Skate distribution (2001)	Contains the entire distribution for california skate.	Polygon, .shp	Coast of California, including Humboldt Bay	<a href="http://www.dfg.ca.gov/itbweb/gis/mr.htm">http://www.dfg.ca.gov/itbweb/gis/mr.htm</a>	Nancy Wright, GIS Analyst, CA Dept of Fish and Game, 20 Lower Ragsdale Dr., Monterey, CA 93940, (831) 649-2942, <a href="mailto:nmwright@dfg.ca.gov">nmwright@dfg.ca.gov</a>
Adult Canary Rockfish distribution (2001)	Contains the most common distribution for adult canary rockfish. The goal of this shapefile was to provide a range in which this species could occur, given their habitat is present.	Polygon, .shp	Coast of California, including Humboldt Bay	<a href="http://www.dfg.ca.gov/itbweb/gis/mr.htm">http://www.dfg.ca.gov/itbweb/gis/mr.htm</a>	Nancy Wright, GIS Analyst, CA Dept of Fish and Game, 20 Lower Ragsdale Dr., Monterey, CA 93940, (831) 649-2942, <a href="mailto:nmwright@dfg.ca.gov">nmwright@dfg.ca.gov</a>

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Data in a Geographic Information System (GIS) Compatible Format					
Data Set Title	Description	Data Type	Spatial Extent	URL to Obtain Data	Data Contact Information
Juvenile Copper Rockfish distribution (2001)	Contains the distribution for juvenile copper rockfish.	Polygon, .shp	Coast of California, including Humboldt Bay	<a href="http://www.dfg.ca.gov/itbweb/gis/mr.htm">http://www.dfg.ca.gov/itbweb/gis/mr.htm</a>	Nancy Wright, GIS Analyst, CA Dept of Fish and Game, 20 Lower Ragsdale Dr., Monterey, CA 93940, (831) 649-2942, <a href="mailto:nmwright@dfg.ca.gov">nmwright@dfg.ca.gov</a>
Entire distribution of Adult Copper Rockfish (2001)	Contains the entire distribution for adult copper rockfish.	Polygon, .shp	Coast of California, including Humboldt Bay	<a href="http://www.dfg.ca.gov/itbweb/gis/mr.htm">http://www.dfg.ca.gov/itbweb/gis/mr.htm</a>	Nancy Wright, GIS Analyst, CA Dept of Fish and Game, 20 Lower Ragsdale Dr., Monterey, CA 93940, (831) 649-2942, <a href="mailto:nmwright@dfg.ca.gov">nmwright@dfg.ca.gov</a>
Common distribution of Adult Copper Rockfish (2001)	Contains the most common distribution for adult copper rockfish. The goal of this shapefile was to provide a range in which this species could occur, given their habitat is present.	Polygon, .shp	Coast of California, including Humboldt Bay	<a href="http://www.dfg.ca.gov/itbweb/gis/mr.htm">http://www.dfg.ca.gov/itbweb/gis/mr.htm</a>	Nancy Wright, GIS Analyst, CA Dept of Fish and Game, 20 Lower Ragsdale Dr., Monterey, CA 93940, (831) 649-2942, <a href="mailto:nmwright@dfg.ca.gov">nmwright@dfg.ca.gov</a>
Entire distribution of Adult Cowcod (2001)	Contains the entire distribution for adult cowcod.	Polygon, .shp	Coast of California, including Humboldt Bay	<a href="http://www.dfg.ca.gov/itbweb/gis/mr.htm">http://www.dfg.ca.gov/itbweb/gis/mr.htm</a>	Nancy Wright, GIS Analyst, CA Dept of Fish and Game, 20 Lower Ragsdale Dr., Monterey, CA 93940, (831) 649-2942, <a href="mailto:nmwright@dfg.ca.gov">nmwright@dfg.ca.gov</a>
Entire distribution of Adult Gopher Rockfish (2001)	Contains the entire distribution for adult gopher rockfish.	Polygon, .shp	Coast of California, including Humboldt Bay	<a href="http://www.dfg.ca.gov/itbweb/gis/mr.htm">http://www.dfg.ca.gov/itbweb/gis/mr.htm</a>	Nancy Wright, GIS Analyst, CA Dept of Fish and Game, 20 Lower Ragsdale Dr., Monterey, CA 93940, (831) 649-2942, <a href="mailto:nmwright@dfg.ca.gov">nmwright@dfg.ca.gov</a>
Common distribution of Adult Grass Rockfish (2001)	Contains the most common distribution for adult grass rockfish. The goal of this shapefile was to provide a range in which this species could occur, given their habitat is present.	Polygon, .shp	Coast of California, including Humboldt Bay	<a href="http://www.dfg.ca.gov/itbweb/gis/mr.htm">http://www.dfg.ca.gov/itbweb/gis/mr.htm</a>	Nancy Wright, GIS Analyst, CA Dept of Fish and Game, 20 Lower Ragsdale Dr., Monterey, CA 93940, (831) 649-2942, <a href="mailto:nmwright@dfg.ca.gov">nmwright@dfg.ca.gov</a>
Entire distribution of Adult Grass Rockfish (2001)	Contains the entire distribution for adult grass rockfish.	Polygon, .shp	Coast of California, including Humboldt Bay	<a href="http://www.dfg.ca.gov/itbweb/gis/mr.htm">http://www.dfg.ca.gov/itbweb/gis/mr.htm</a>	Nancy Wright, GIS Analyst, CA Dept of Fish and Game, 20 Lower Ragsdale Dr., Monterey, CA 93940, (831) 649-2942, <a href="mailto:nmwright@dfg.ca.gov">nmwright@dfg.ca.gov</a>
Entire distribution of Adult Kelp Greenling (2001)	Contains the entire distribution for adult kelp greenling.	Polygon, .shp	Coast of California, including Humboldt Bay	<a href="http://www.dfg.ca.gov/itbweb/gis/mr.htm">http://www.dfg.ca.gov/itbweb/gis/mr.htm</a>	Nancy Wright, GIS Analyst, CA Dept of Fish and Game, 20 Lower Ragsdale Dr., Monterey, CA 93940, (831) 649-2942, <a href="mailto:nmwright@dfg.ca.gov">nmwright@dfg.ca.gov</a>
Common distribution of Adult Kelp Greenling (2001)	Contains the most common distribution for adult kelp greenling. The goal of this shapefile was to provide a range in which this species could occur, given their habitat is present.	Polygon, .shp	Coast of California, including Humboldt Bay	<a href="http://www.dfg.ca.gov/itbweb/gis/mr.htm">http://www.dfg.ca.gov/itbweb/gis/mr.htm</a>	Nancy Wright, GIS Analyst, CA Dept of Fish and Game, 20 Lower Ragsdale Dr., Monterey, CA 93940, (831) 649-2942, <a href="mailto:nmwright@dfg.ca.gov">nmwright@dfg.ca.gov</a>
Common distribution of Adult Leopard Shark (2001)	Contains the most common distribution for adult leopard shark. The goal of this shapefile was to provide a range in which this species could occur, given their habitat is present.	Polygon, .shp	Coast of California, including Humboldt Bay	<a href="http://www.dfg.ca.gov/itbweb/gis/mr.htm">http://www.dfg.ca.gov/itbweb/gis/mr.htm</a>	Nancy Wright, GIS Analyst, CA Dept of Fish and Game, 20 Lower Ragsdale Dr., Monterey, CA 93940, (831) 649-2942, <a href="mailto:nmwright@dfg.ca.gov">nmwright@dfg.ca.gov</a>
Entire distribution of Adult Leopard Shark (2001)	Contains the entire distribution for adult leopard shark.	Polygon, .shp	Coast of California, including Humboldt Bay	<a href="http://www.dfg.ca.gov/itbweb/gis/mr.htm">http://www.dfg.ca.gov/itbweb/gis/mr.htm</a>	Nancy Wright, GIS Analyst, CA Dept of Fish and Game, 20 Lower Ragsdale Dr., Monterey, CA 93940, (831) 649-2942, <a href="mailto:nmwright@dfg.ca.gov">nmwright@dfg.ca.gov</a>

Humboldt Bay and Eel River Delta Data Inventory

Data in a Geographic Information System (GIS) Compatible Format					
Data Set Title	Description	Data Type	Spatial Extent	URL to Obtain Data	Data Contact Information
Common distribution of Adult Ling Cod (2001)	Contains the most common distribution for adult ling cod. The goal of this shapefile was to provide a range in which this species could occur, given their habitat is present.	Polygon, .shp	Coast of California, including Humboldt Bay	<a href="http://www.dfg.ca.gov/itbweb/gis/mr.htm">http://www.dfg.ca.gov/itbweb/gis/mr.htm</a>	Nancy Wright, GIS Analyst, CA Dept of Fish and Game, 20 Lower Ragsdale Dr., Monterey, CA 93940, (831) 649-2942, <a href="mailto:nmwright@dfg.ca.gov">nmwright@dfg.ca.gov</a>
Entire distribuion of Adult Ling Cod (2001)	Contains the entire distribution for adult ling cod.	Polygon, .shp	Coast of California, including Humboldt Bay	<a href="http://www.dfg.ca.gov/itbweb/gis/mr.htm">http://www.dfg.ca.gov/itbweb/gis/mr.htm</a>	Nancy Wright, GIS Analyst, CA Dept of Fish and Game, 20 Lower Ragsdale Dr., Monterey, CA 93940, (831) 649-2942, <a href="mailto:nmwright@dfg.ca.gov">nmwright@dfg.ca.gov</a>
Depth distribution of Ling Cod Eggnests (2001)	Contains the depth distribution for egg nests of lingcod.	Polygon, .shp	Coast of California, including Humboldt Bay	<a href="http://www.dfg.ca.gov/itbweb/gis/mr.htm">http://www.dfg.ca.gov/itbweb/gis/mr.htm</a>	Nancy Wright, GIS Analyst, CA Dept of Fish and Game, 20 Lower Ragsdale Dr., Monterey, CA 93940, (831) 649-2942, <a href="mailto:nmwright@dfg.ca.gov">nmwright@dfg.ca.gov</a>
Juvenile Ling Cod distribution (2001)	Contains the distribution for juvenile ling cod.	Polygon, .shp	Coast of California, including Humboldt Bay	<a href="http://www.dfg.ca.gov/itbweb/gis/mr.htm">http://www.dfg.ca.gov/itbweb/gis/mr.htm</a>	Nancy Wright, GIS Analyst, CA Dept of Fish and Game, 20 Lower Ragsdale Dr., Monterey, CA 93940, (831) 649-2942, <a href="mailto:nmwright@dfg.ca.gov">nmwright@dfg.ca.gov</a>
Entire distribution of Adult Monkeyface pricleback (2001)	Contains the entire distribution for adult monkeyface pr.	Polygon, .shp	Coast of California, including Humboldt Bay	<a href="http://www.dfg.ca.gov/itbweb/gis/mr.htm">http://www.dfg.ca.gov/itbweb/gis/mr.htm</a>	Nancy Wright, GIS Analyst, CA Dept of Fish and Game, 20 Lower Ragsdale Dr., Monterey, CA 93940, (831) 649-2942, <a href="mailto:nmwright@dfg.ca.gov">nmwright@dfg.ca.gov</a>
Entire distribution of Adult Ocean Whitefish (2001)	Contains the entire distribution for adult oc whitefish.	Polygon, .shp	Coast of California, including Humboldt Bay	<a href="http://www.dfg.ca.gov/itbweb/gis/mr.htm">http://www.dfg.ca.gov/itbweb/gis/mr.htm</a>	Nancy Wright, GIS Analyst, CA Dept of Fish and Game, 20 Lower Ragsdale Dr., Monterey, CA 93940, (831) 649-2942, <a href="mailto:nmwright@dfg.ca.gov">nmwright@dfg.ca.gov</a>
Entire distribution of Adult Olive Rockfish (2001)	Contains the entire distribution for adult olive rockfish.	Polygon, .shp	Coast of California, including Humboldt Bay	<a href="http://www.dfg.ca.gov/itbweb/gis/mr.htm">http://www.dfg.ca.gov/itbweb/gis/mr.htm</a>	Nancy Wright, GIS Analyst, CA Dept of Fish and Game, 20 Lower Ragsdale Dr., Monterey, CA 93940, (831) 649-2942, <a href="mailto:nmwright@dfg.ca.gov">nmwright@dfg.ca.gov</a>
Entire distribution of Adult Quillback Rockfish (2001)	Contains the entire distribution for adult quillback rockfish.	Polygon, .shp	Coast of California, including Humboldt Bay	<a href="http://www.dfg.ca.gov/itbweb/gis/mr.htm">http://www.dfg.ca.gov/itbweb/gis/mr.htm</a>	Nancy Wright, GIS Analyst, CA Dept of Fish and Game, 20 Lower Ragsdale Dr., Monterey, CA 93940, (831) 649-2942, <a href="mailto:nmwright@dfg.ca.gov">nmwright@dfg.ca.gov</a>
Entire distribution of Adult Rock Greenling (2001)	Contains the entire distribution for adult rock greenling.	Polygon, .shp	Coast of California, including Humboldt Bay	<a href="http://www.dfg.ca.gov/itbweb/gis/mr.htm">http://www.dfg.ca.gov/itbweb/gis/mr.htm</a>	Nancy Wright, GIS Analyst, CA Dept of Fish and Game, 20 Lower Ragsdale Dr., Monterey, CA 93940, (831) 649-2942, <a href="mailto:nmwright@dfg.ca.gov">nmwright@dfg.ca.gov</a>
Entire distribution of Adult White Seabass (2001)	Contains the entire distribution for adult white seabass.	Polygon, .shp	Coast of California, including Humboldt Bay	<a href="http://www.dfg.ca.gov/itbweb/gis/mr.htm">http://www.dfg.ca.gov/itbweb/gis/mr.htm</a>	Nancy Wright, GIS Analyst, CA Dept of Fish and Game, 20 Lower Ragsdale Dr., Monterey, CA 93940, (831) 649-2942, <a href="mailto:nmwright@dfg.ca.gov">nmwright@dfg.ca.gov</a>
Entire distribution of Adult White Spotted Greenling (2001)	Contains the entire distribution for adult white spotted greenling.	Polygon, .shp	Coast of California, including Humboldt Bay	<a href="http://www.dfg.ca.gov/itbweb/gis/mr.htm">http://www.dfg.ca.gov/itbweb/gis/mr.htm</a>	Nancy Wright, GIS Analyst, CA Dept of Fish and Game, 20 Lower Ragsdale Dr., Monterey, CA 93940, (831) 649-2942, <a href="mailto:nmwright@dfg.ca.gov">nmwright@dfg.ca.gov</a>
Marine Eco Regions (2000)	Shapefile digitized from a georectified digital image of the original map of California's ecoregions.	Polygon, .shp	Coast of California, including Humboldt Bay	<a href="http://www.dfg.ca.gov/itbweb/gis/mr.htm">http://www.dfg.ca.gov/itbweb/gis/mr.htm</a>	Nancy Wright, GIS Analyst, CA Dept of Fish and Game, 20 Lower Ragsdale Dr., Monterey, CA 93940, (831) 649-2942, <a href="mailto:nmwright@dfg.ca.gov">nmwright@dfg.ca.gov</a>

Humboldt Bay and Eel River Delta Data Inventory

Data in a Geographic Information System (GIS) Compatible Format					
Data Set Title	Description	Data Type	Spatial Extent	URL to Obtain Data	Data Contact Information
Humboldt Bay Benthic and Shoreline Digital Elevation Data (2005)	Benthic maps and bottom characterization of Humboldt Bay. Multibeam and single beam sonar surveys were conducted from July 28 to August 1, 2005. Fusion of multibeam with existing terrestrial LIDAR and PHILLS-derived bathymetry were performed Feb. 2006.	ESRI Grid, GeoTiff, PDF	Humboldt Bay	<a href="http://cicore.humboldt.edu/?content=home">http://cicore.humboldt.edu/?content=home</a>	Seafloor Mapping Lab, California State University Monterey Bay, Rikk Kvitek, 100 Campus Center, Bldg 13, Seaside, CA 93955
Hyperspectral Imagery (2004)		Imagery, JPG	Humboldt Bay	<a href="http://cicore.humboldt.edu/?content=data_oct2004imagery&amp;menu=menu2">http://cicore.humboldt.edu/?content=data_oct2004imagery&amp;menu=menu2</a>	Contact us Link: <a href="http://cicore.humboldt.edu/?content=email&amp;menu=menu5">http://cicore.humboldt.edu/?content=email&amp;menu=menu5</a>
Invasive Species Data	European Green Crab (1998 to present) and Zostera japonica (2002 to present).			<a href="http://www.humboldtby.org">www.humboldtby.org</a>	Sea Grant Office, Susan Schlosser, Marine Advisor, UC Sea Grant Office, 2 Commercial St., Ste. 4, Eureka, CA 95501, (707) 443-8369 [scschlosser@ucdavis.edu]
North Humboldt Bay Survey Footprint	Benthic maps and bottom characterization of Humboldt Bay. Multibeam and single beam sonar surveys were conducted from July 28 to August 1, 2005.	Polygon, .shp	Northern Humboldt Bay	<a href="http://seafloor.csumb.edu/SFML.webDATA_n.htm#HUM">http://seafloor.csumb.edu/SFML.webDATA_n.htm#HUM</a>	Carrie Bretz, Seafloor Mapping Lab, California State University Monterey Bay, 100 Campus Center, Bldg 13, Seaside, CA 93955
North Humboldt Bay 500 m XYZ Soundings (2005)		Point, .shp	Northern Humboldt Bay	<a href="http://seafloor.csumb.edu/SFML.webDATA_n.htm#HUM">http://seafloor.csumb.edu/SFML.webDATA_n.htm#HUM</a>	Carrie Bretz, Seafloor Mapping Lab, California State University Monterey Bay, 100 Campus Center, Bldg 13, Seaside, CA 93955
North Humboldt Bay 300m XYZ Soundings (2005)		Point, .shp	Northern Humboldt Bay	<a href="http://seafloor.csumb.edu/SFML.webDATA_n.htm#HUM">http://seafloor.csumb.edu/SFML.webDATA_n.htm#HUM</a>	Carrie Bretz, Seafloor Mapping Lab, California State University Monterey Bay, 100 Campus Center, Bldg 13, Seaside, CA 93955
North Humboldt Bay 100m XYZ Soundings (2005)		Point, .shp	Northern Humboldt Bay	<a href="http://seafloor.csumb.edu/SFML.webDATA_n.htm#HUM">http://seafloor.csumb.edu/SFML.webDATA_n.htm#HUM</a>	Carrie Bretz, Seafloor Mapping Lab, California State University Monterey Bay, 100 Campus Center, Bldg 13, Seaside, CA 93955
North Humboldt Bay 10m XYZ Soundings (2005)		Point, .shp	Northern Humboldt Bay	<a href="http://seafloor.csumb.edu/SFML.webDATA_n.htm#HUM">http://seafloor.csumb.edu/SFML.webDATA_n.htm#HUM</a>	Carrie Bretz, Seafloor Mapping Lab, California State University Monterey Bay, 100 Campus Center, Bldg 13, Seaside, CA 93955
North Humboldt Bay Shaded Relief Image, Color (1m) (2005)	Multibeam survey colored by depth	GeoTiff	Northern Humboldt Bay	<a href="http://seafloor.csumb.edu/SFML.webDATA_n.htm#HUM">http://seafloor.csumb.edu/SFML.webDATA_n.htm#HUM</a>	Carrie Bretz, Seafloor Mapping Lab, California State University Monterey Bay, 100 Campus Center, Bldg 13, Seaside, CA 93955
North Humboldt Bay Side Scan Sonar Mosaic (2005)	Sidescan sonar image (0.25m)	GeoTiff	Northern Humboldt Bay	<a href="http://seafloor.csumb.edu/SFML.webDATA_n.htm#HUM">http://seafloor.csumb.edu/SFML.webDATA_n.htm#HUM</a>	Carrie Bretz, Seafloor Mapping Lab, California State University Monterey Bay, 100 Campus Center, Bldg 13, Seaside, CA 93955
North Humboldt Bay bathymetry 1m (2005)	One meter bathymetric contours in North Humboldt Bay	Line, .shp	Northern Humboldt Bay	<a href="http://seafloor.csumb.edu/SFML.webDATA_n.htm#HUM">http://seafloor.csumb.edu/SFML.webDATA_n.htm#HUM</a>	Carrie Bretz, Seafloor Mapping Lab, California State University Monterey Bay, 100 Campus Center, Bldg 13, Seaside, CA 93955

## Humboldt Bay and Eel River Delta Data Inventory

Data in a Geographic Information System (GIS) Compatible Format					
Data Set Title	Description	Data Type	Spatial Extent	URL to Obtain Data	Data Contact Information
North Humboldt Bay 1m bathymetry Grid (2005)	One meter bathymetric Digital Elevation Model of North Humboldt Bay	GRID	Northern Humboldt Bay	<a href="http://seafloor.csumb.edu/SFML.webDATA_n.htm#HUM">http://seafloor.csumb.edu/SFML.webDATA_n.htm#HUM</a>	Carrie Bretz, Seafloor Mapping Lab, California State University Monterey Bay, 100 Campus Center, Bldg 13, Seaside, CA 93955
North Humboldt Bay 1m Hillshade Grid (2005)	One meter hillshade grid of North Humboldt Bay	GRID	Northern Humboldt Bay	<a href="http://seafloor.csumb.edu/SFML.webDATA_n.htm#HUM">http://seafloor.csumb.edu/SFML.webDATA_n.htm#HUM</a>	Carrie Bretz, Seafloor Mapping Lab, California State University Monterey Bay, 100 Campus Center, Bldg 13, Seaside, CA 93955
North Humboldt Bay 1m Slope Grid (2005)	One meter slope grid of North Humboldt Bay	GRID	Northern Humboldt Bay	<a href="http://seafloor.csumb.edu/SFML.webDATA_n.htm#HUM">http://seafloor.csumb.edu/SFML.webDATA_n.htm#HUM</a>	Carrie Bretz, Seafloor Mapping Lab, California State University Monterey Bay, 100 Campus Center, Bldg 13, Seaside, CA 93955
South Humboldt Bay Survey Footprint (2005)	Benthic maps and bottom characterization of Humboldt Bay. Multibeam and single beam sonar surveys were conducted from July 28 to August 1, 2005.	Polygon, .shp	Southern Humboldt Bay	<a href="http://seafloor.csumb.edu/SFML.webDATA_n.htm#HUM">http://seafloor.csumb.edu/SFML.webDATA_n.htm#HUM</a>	Carrie Bretz, Seafloor Mapping Lab, California State University Monterey Bay, 100 Campus Center, Bldg 13, Seaside, CA 93955
South Humboldt Bay 500 m XYZ Soundings (2005)		Point, .shp	Southern Humboldt Bay	<a href="http://seafloor.csumb.edu/SFML.webDATA_n.htm#HUM">http://seafloor.csumb.edu/SFML.webDATA_n.htm#HUM</a>	Carrie Bretz, Seafloor Mapping Lab, California State University Monterey Bay, 100 Campus Center, Bldg 13, Seaside, CA 93955
South Humboldt Bay 300m XYZ Soundings (2005)		Point, .shp	Southern Humboldt Bay	<a href="http://seafloor.csumb.edu/SFML.webDATA_n.htm#HUM">http://seafloor.csumb.edu/SFML.webDATA_n.htm#HUM</a>	Carrie Bretz, Seafloor Mapping Lab, California State University Monterey Bay, 100 Campus Center, Bldg 13, Seaside, CA 93955
South Humboldt Bay 100m XYZ Soundings (2005)		Point, .shp	Southern Humboldt Bay	<a href="http://seafloor.csumb.edu/SFML.webDATA_n.htm#HUM">http://seafloor.csumb.edu/SFML.webDATA_n.htm#HUM</a>	Carrie Bretz, Seafloor Mapping Lab, California State University Monterey Bay, 100 Campus Center, Bldg 13, Seaside, CA 93955
South Humboldt Bay 10m XYZ Soundings (2005)		Point, .shp	Southern Humboldt Bay	<a href="http://seafloor.csumb.edu/SFML.webDATA_n.htm#HUM">http://seafloor.csumb.edu/SFML.webDATA_n.htm#HUM</a>	Carrie Bretz, Seafloor Mapping Lab, California State University Monterey Bay, 100 Campus Center, Bldg 13, Seaside, CA 93955
South Humboldt Bay Shaded Relief Image, Color (1m) (2005)	Multibeam survey colored by depth	GeoTiff	Southern Humboldt Bay	<a href="http://seafloor.csumb.edu/SFML.webDATA_n.htm#HUM">http://seafloor.csumb.edu/SFML.webDATA_n.htm#HUM</a>	Carrie Bretz, Seafloor Mapping Lab, California State University Monterey Bay, 100 Campus Center, Bldg 13, Seaside, CA 93955
South Humboldt Bay Side Scan Sonar Mosaic (2005)	Sidescan sonar image (0.25m)	GeoTiff	Southern Humboldt Bay	<a href="http://seafloor.csumb.edu/SFML.webDATA_n.htm#HUM">http://seafloor.csumb.edu/SFML.webDATA_n.htm#HUM</a>	Carrie Bretz, Seafloor Mapping Lab, California State University Monterey Bay, 100 Campus Center, Bldg 13, Seaside, CA 93955
South Humboldt Bay bathymetry 1m (2005)	One meter bathymetric contours in South Humboldt Bay	Line, .shp	Southern Humboldt Bay	<a href="http://seafloor.csumb.edu/SFML.webDATA_n.htm#HUM">http://seafloor.csumb.edu/SFML.webDATA_n.htm#HUM</a>	Carrie Bretz, Seafloor Mapping Lab, California State University Monterey Bay, 100 Campus Center, Bldg 13, Seaside, CA 93955
South Humboldt Bay 1m bathymetry Grid (2005)	One meter bathymetric Digital Elevation Model of South Humboldt Bay	GRID	Southern Humboldt Bay	<a href="http://seafloor.csumb.edu/SFML.webDATA_n.htm#HUM">http://seafloor.csumb.edu/SFML.webDATA_n.htm#HUM</a>	Carrie Bretz, Seafloor Mapping Lab, California State University Monterey Bay, 100 Campus Center, Bldg 13, Seaside, CA 93955

Humboldt Bay and Eel River Delta Data Inventory

Data in a Geographic Information System (GIS) Compatible Format					
Data Set Title	Description	Data Type	Spatial Extent	URL to Obtain Data	Data Contact Information
South Humboldt Bay 1m Hillshade Grid (2005)	One meter hillshade grid of South Humboldt Bay	GRID	Southern Humboldt Bay	<a href="http://seafloor.csumb.edu/SFML.webDATA_n.htm#HUM">http://seafloor.csumb.edu/SFML.webDATA_n.htm#HUM</a>	Carrie Bretz, Seafloor Mapping Lab, California State University Monterey Bay, 100 Campus Center, Bldg 13, Seaside, CA 93955
South Humboldt Bay 1m Slope Grid (2005)	One meter slope grid of South Humboldt Bay	GRID	Southern Humboldt Bay	<a href="http://seafloor.csumb.edu/SFML.webDATA_n.htm#HUM">http://seafloor.csumb.edu/SFML.webDATA_n.htm#HUM</a>	Carrie Bretz, Seafloor Mapping Lab, California State University Monterey Bay, 100 Campus Center, Bldg 13, Seaside, CA 93955
NOAA Electronic Nav Chart (2001)	NOAA Electronic Navigation Chart for Humboldt Bay	GeoTiff	Humboldt Bay	<a href="http://seafloor.csumb.edu/SFML.webDATA_n.htm#HUM">http://seafloor.csumb.edu/SFML.webDATA_n.htm#HUM</a>	Carrie Bretz, Seafloor Mapping Lab, California State University Monterey Bay, 100 Campus Center, Bldg 13, Seaside, CA 93955
Coastal Zone Boundary	To be used as a general guide to the Coastal Zone Boundary for Humboldt County	polygon, .shp	Humboldt County	<a href="http://co.humboldt.ca.us/planning/maps/datainventory/gisdataalist.asp">http://co.humboldt.ca.us/planning/maps/datainventory/gisdataalist.asp</a>	Chinmaya Lewis, County Community Development Services, (707) 268-3737 ☐
Biologic Resource Areas (1985)	Biologic Resource Areas for Humboldt County based on sensitive habitats.	polygon, .shp	Humboldt County	<a href="http://co.humboldt.ca.us/planning/maps/datainventory/download.asp?file=biorepoly.zip">http://co.humboldt.ca.us/planning/maps/datainventory/download.asp?file=biorepoly.zip</a>	Chinmaya Lewis or Tom Hofweber Humboldt County Community Development Services 3015 H Street Eureka, CA 95521 (707) 268-3737 clewis@co.humboldt.ca.us
Vegetation Data CA Land Cover Mapping & Monitoring Program (LCMMP)	Statewide GIS layer of hardwood rangeland vegetation polygons (1997-2002)	polygon, .shp	California Statewide	<a href="http://frap.cdf.ca.gov/data/frapgisdata/select.asp">http://frap.cdf.ca.gov/data/frapgisdata/select.asp</a>	CMMP Vegetation Mapping Coordinator CDF-FRAP (916) 327-3939 FRAPdatacontact@fire.ca.gov <a href="http://frap.cdf.ca.gov/">http://frap.cdf.ca.gov/</a>
Coastal Redwood Vegetation (1986)	GIS layer of redwood vegetation and structure for the north and central coasts.	polygon, .e00	North and Central coasts	<a href="http://frap.cdf.ca.gov/data/frapgisdata/select.asp">http://frap.cdf.ca.gov/data/frapgisdata/select.asp</a>	CMMP Vegetation Mapping Coordinator CDF-FRAP (916) 327-3939 FRAPdatacontact@fire.ca.gov <a href="http://frap.cdf.ca.gov/">http://frap.cdf.ca.gov/</a>
LANDCOV	Land cover of California, produced from Thematic Mapper imagery from 1925-1998.	polygon, .e00	California Statewide	<a href="http://www.biogeog.ucsb.edu/projects/gap/gap_data_state.html">http://www.biogeog.ucsb.edu/projects/gap/gap_data_state.html</a>	Dr. David Stoms phone: (805) 893-7655 e-mail: stoms@geog.ucsb.edu
Predicted Distributions for Terrestrial Vertebrate Species in California.	Ratings of the suitability of habitat for the predicted distributions of 455 native terrestrial vertebrate species in California.	text, .txt	California Statewide	<a href="http://www.biogeog.ucsb.edu/projects/gap/gap_data_state.html">http://www.biogeog.ucsb.edu/projects/gap/gap_data_state.html</a>	Dr. David Stoms phone: (805) 893-7655 e-mail: stoms@geog.ucsb.edu
1:100k Hydrography (2003)	A stream based routed hydrography shapefile covering the state of California developed by California Department of Fish & Game (CDFG) and Pacific States Marine Fisheries Commission (PSMFC).	Lines, .shp	California Statewide	<a href="http://www.calfish.org/DesktopDefault.aspx?tabid=72&amp;DynCtl=controls/metadata.ascx">http://www.calfish.org/DesktopDefault.aspx?tabid=72&amp;DynCtl=controls/metadata.ascx</a>	Tom Christy Pacific States Marine Fisheries Commission Phone: (530) 225-3218 Fax: (530) 225-2267

Humboldt Bay and Eel River Delta Data Inventory

Data in a Geographic Information System (GIS) Compatible Format					
Data Set Title	Description	Data Type	Spatial Extent	URL to Obtain Data	Data Contact Information
Passage Assessment Database (2006)	A database shapefile containing inventory of known and potential barriers to anadromous fish in California.	Points, .shp	California Statewide	<a href="http://www.calfish.org/DesktopDefault.aspx?tabId=107">http://www.calfish.org/DesktopDefault.aspx?tabId=107</a>	Martina Koller Pacific States Marine Fisheries Commission Telephone: (916) 327-3937 FAX: (916) 327-8854 E-mail: <a href="mailto:mkoller@dfg.ca.gov">mkoller@dfg.ca.gov</a>
Watersheds: CALWATER 2.2.1 (1999)	Coverage representing watershed boundaries.	polygon, .e00	California Statewide	<a href="http://frap.cdf.ca.gov/data/frappgisdata/select.asp?htmlid=388&amp;camefrom=http://frap.cdf.ca.gov/projects/esu/esumapframes.html&amp;cameFromStr=Salmon%20and%20Watersheds%20Mapping%20Tool">http://frap.cdf.ca.gov/data/frappgisdata/select.asp?htmlid=388&amp;camefrom=http://frap.cdf.ca.gov/projects/esu/esumapframes.html&amp;cameFromStr=Salmon%20and%20Watersheds%20Mapping%20Tool</a>	GIS Service Center California Department of Fish and Game (916) 323-1667 <a href="mailto:pveisze@dfg.ca.gov">pveisze@dfg.ca.gov</a> <a href="mailto:geodata@dfg.ca.gov">geodata@dfg.ca.gov</a>

<b>Data not in a Geographic Information System (GIS) Compatible Format</b>				
<b>Dataset Title</b>	<b>Data Description</b>	<b>Time Period</b>	<b>URL to Obtain Data</b>	<b>Data Contact Information</b>
Coastal Inlets Research Program ERDC/CHL CR-02-1	Humboldt Bay, California, Entrance Channel Report 1 Data Review. Steven L. Costa and Karen A Glatzel.	2002		Susan C McBride, UC Sea Grant Extension Program, 2 Commercial St. Suite 4, Eureka, CA 95501, (707) 443- 8369, scmcbride@ucdavis.edu
GIS Based Relative Tsunami Hazard Maps for Northern CA, Humboldt and Del Norte Counties	Study using FEMA Q3 data and 1994 modeling data to generate a tsuanmi hazard maps.	2004		Jason R. Patton, jpatton@pacificwatershed.com, Pacific Watershed Associates, PO Box 4433, Arcata, CA 95518 and Lori Dengler, lad1@axe.humboldt.edu, Humboldt State University Geology Dept., 1 Harpst St, Arcata, CA 95521
Humboldt Bay Dock B Water Quality Logger	This data is collected every 15 min. from a sensor attached to Commercial Dock "B" along the northwest section of the Eureka waterfront. Available information includes temperature, salinity, dissolved oxygen, pH, turbidity, chlorophyll, and depth.	2003-present	<a href="http://cicore.humboldt.edu/?content=home">http://cicore.humboldt.edu/ ?content=home</a>	Dr Frank Shaughnessy, 1 Harpst St, Arcata, CA 95519, (707) 826-4133, fjs3@humboldt.edu
Trinidad Pier Water Quality Logger	This data is collected every 15 min. from a sensor attached to the Trinidad Pier. Available information includes temperature, salinity, dissolved oxygen, pH, turbidity, chlorophyll and depth.	2005-present	<a href="http://cicore.humboldt.edu/?content=home">http://cicore.humboldt.edu/ ?content=home</a>	Dr Frank Shaughnessy, 1 Harpst St, Arcata, CA 95519, (707) 826-4133, fjs3@humboldt.edu
South Humboldt Bay Water Quality Logger	This data is collected every 15 min. from a sensor located in South Bay. Available information includes temperature, salinity, dissolved oxygen, pH, turbidity, chlorophyll and depth.	2006-present	<a href="http://cicore.humboldt.edu/?content=home">http://cicore.humboldt.edu/ ?content=home</a>	Dr Frank Shaughnessy, 1 Harpst St, Arcata, CA 95519, (707) 826-4133, fjs3@humboldt.edu

<b>Data not in a Geographic Information System (GIS) Compatible Format</b>				
<b>Dataset Title</b>	<b>Data Description</b>	<b>Time Period</b>	<b>URL to Obtain Data</b>	<b>Data Contact Information</b>
Humboldt Bay Temperatures	These temperatures are recorded from a Stowaway recorder suspended from the Commercial Street dock in Eureka, CA, in approximately 10 or 20 feet of water. Temperatures are taken every 2 hours.	1998-2002	<a href="http://cicore.humboldt.edu/?content=home">http://cicore.humboldt.edu/?content=home</a>	Susan C McBride, UC Sea Grant Extension Program, 2 Commercial St. Suite 4, Eureka, CA 95501, (707) 443-8369, <a href="mailto:scmcbride@ucdavis.edu">scmcbride@ucdavis.edu</a>
Humboldt Bay Entrance Water Quality	Spot Sampling (2-5 minute interval) from just inside the bay at the north jetty.	2004-present	<a href="http://cicore.humboldt.edu/?content=home">http://cicore.humboldt.edu/?content=home</a>	Dylan Gray, Environmental Specialist for Table Bluff Reservation - Wiyot Tribe.
Indian Island (Humboldt Bay) Water Quality	Spot Sampling (2-5 minute interval) from just east of Indian Island, north of the Somoa Bridge in the middle channel in Humboldt Bay.	2004-present	<a href="http://cicore.humboldt.edu/?content=home">http://cicore.humboldt.edu/?content=home</a>	Dylan Gray, Environmental Specialist for Table Bluff Reservation - Wiyot Tribe.
Indian Island (Humboldt Bay) Water Quality (Long Term Deployment)	These data are collected every 15 minutes from a sensor located on Indian Island.	2006-present	<a href="http://cicore.humboldt.edu/?content=home">http://cicore.humboldt.edu/?content=home</a>	Dylan Gray, Environmental Specialist for Table Bluff Reservation - Wiyot Tribe.
McNulty Slough (Humboldt Bay) Water Quality	Spot Sampling (2-5 minute intervals) from the McNulty Slough, in the Eel River Estuary.	2004-present	<a href="http://cicore.humboldt.edu/?content=home">http://cicore.humboldt.edu/?content=home</a>	Dylan Gray, Environmental Specialist for Table Bluff Reservation - Wiyot Tribe.
Mad River Slough (Humboldt Bay) Water Quality	Spot Sampling (2-5 minute intervals) near the Mad River Slough bridge.	2004-present	<a href="http://cicore.humboldt.edu/?content=home">http://cicore.humboldt.edu/?content=home</a>	Dylan Gray, Environmental Specialist for Table Bluff Reservation - Wiyot Tribe.