

Appendix 8-B: State Database Links

1. SWRCB (State Water Resources Control Board) – Main water quality data weblink
http://www.waterboards.ca.gov/resources/data_databases/

- a. Surface Water

SWAMP (Surface Water Ambient Monitoring Program) is tasked with assessing water quality in all of California's surface waters. The program conducts monitoring directly and through collaborative partnerships; and provides numerous information products, all designed to support water resource management in California.

http://www.waterboards.ca.gov/water_issues/programs/swamp/

- b. Groundwater

GAMA - Groundwater Ambient Monitoring & Assessment Program

http://www.waterboards.ca.gov/water_issues/programs/gama/

The GAMA Program is California's comprehensive groundwater quality monitoring program. GAMA collects data by testing the untreated, raw water in different types of wells for naturally-occurring and man-made chemicals. GAMA compiles these test results with existing groundwater quality data from several agencies into a publicly-accessible internet database which is embedded in GeoTracker

GeoTracker

http://www.waterboards.ca.gov/water_issues/programs/gama/geotracker_gama.shtml

GeoTracker-GAMA which is a data management system for managing sites that impact groundwater, especially those that require groundwater cleanup as well as permitted facilities such as operating USTs and land disposal sites. Fact Sheet - pub. April 2010

- c. Environmental

CEDEN California Environmental Data Exchange Network <http://www.ceden.org/>

The California Environmental Data Exchange Network (CEDEN) is a central location to find and share information about California's water bodies, including streams, lakes, rivers, and the coastal ocean. Many groups (federal, state, county and private organizations) in California monitor water quality, aquatic habitat, and wildlife health to ensure good stewardship of our ecological resources. Facilitates the integration and sharing of water and environmental data with the purpose of making this data accessible to the public in a simple and standardized manner.

2. Department of Water Resources

a. California Water Data Library <http://www.water.ca.gov/waterdatalibrary/index.cfm>

which is a map based system with the following:

- Groundwater levels
<http://www.water.ca.gov/waterdatalibrary/groundwater/index.cfm>
- Water quality - <http://www.water.ca.gov/waterdatalibrary/waterquality/index.cfm>
- Continuous data by County
<http://www.water.ca.gov/waterdatalibrary/docs/Hydstra/index.cfm>
- Historic DWR Bulletins and Publications
<http://www.water.ca.gov/waterdatalibrary/docs/historic/bulletins.cfm>

b. **CDEC** - <http://cdec.water.ca.gov/>

The California Data Exchange Center (CDEC) installs, maintains, and operates an extensive hydrologic data collection network including automatic snow reporting gages for the Cooperative Snow Surveys Program and precipitation and river stage sensors for flood forecasting.

c. **CIMIS** (California Irrigation Management Information System)

<http://www.cimis.water.ca.gov/cimis/welcome.jsp>

CIMIS is a program in the Office of Water Use Efficiency (OWUE), California Department of Water Resources (DWR) that manages a network of over 120 automated weather stations in the state of California. CIMIS was developed in 1982 by the California Department of Water Resource and the University of California at Davis to assist California's irrigators manage their water resources efficiently.

d. **IWRIS** - Integrated Water Resources Information System

<http://www.water.ca.gov/iwris/>

IWRIS is a data management tool for water resources data. It is a web based GIS application that allows you to access, integrate, query, and visualize multiple sets of data. Some of the databases include DWR Water Data Library, California Data Exchange Center (CDEC), USGS streamflow, Local Groundwater Assistance Grants (AB303), and data from local agencies.