

Water-Data Report 2009

## 10260820 West Fork Mojave River below Silverwood Lake, near Hesperia, CA

Mojave River Basin

LOCATION.--Lat 34°18'15", long 117°19'06" referenced to North American Datum of 1927, in SW ¼ NE ¼ sec.32, T.3 N., R.4 W., San Bernardino County, CA, Hydrologic Unit 18090208, in San Bernardino National Forest, in control room under spillway at Cedar Springs Dam, and 8.7 mi south of Hesperia.

DRAINAGE AREA.--34.0 mi<sup>2</sup>.

### **SURFACE-WATER RECORDS**

PERIOD OF RECORD.--October 1980 to September 1983, October 1995 to September 2004, October 2005 to current year. Unpublished records for water years 1973-95 available in files of the California Department of Water Resources.

GAGE.--Flowmeter on release valve and theoretical rating on two slide gates. Elevation of gage is 3,180 ft above NGVD of 1929, from topographic map. Prior to October 1983, at recording site 0.3 mi downstream, at different datum.

COOPERATION.--Records, including flow through Las Flores Release (station 10260822), collected by California Department of Water Resources, under general supervision of the U.S. Geological Survey, in connection with Federal Energy Regulatory Commission project no. 2426.

REMARKS.--Records for the 2009 water year were not provided for review and therefore not published. Flow regulated by Silverwood Lake (station 10260790). Lake stores water received from the East Branch California Aqueduct through Mojave Siphon Powerplant (station 10260780) until it is transferred to Santa Ana River Basin area through Devil Canyon Powerplant (station 11063682). Las Flores Release from the East Branch California Aqueduct delivers water to vicinity of West Fork Mojave River. See schematic diagram of Mojave River Basin available from the California Water Science Center.

EXTREMES FOR PERIOD OF RECORD.--(Water years 1981-83): Maximum discharge, 2,290 ft<sup>3</sup>/s, Mar. 2, 1983, gage height, 7.51 ft, site and datum then in use; no flow for most of every year.