

Water-Data Report 2013

11313000 Delta-Mendota Canal at Tracy Pumping Plant, near Tracy, CA

San Joaquin River Basin

LOCATION.--Lat 37°47'49", long 121°35'03" referenced to North American Datum of 1927, in SW ¼ SW ¼ sec.31, T.1 S., R.4 E., Alameda County, CA, Hydrologic Unit 18040003, at Tracy Pumping Plant at intake to canal, 6 mi southeast of Byron, and 10 mi northwest of Tracy.

SURFACE-WATER RECORDS

PERIOD OF RECORD.--June 1951 to current year. Prior to October 1959, published as "near Tracy."

GAGE.--Water-stage recorder on forebay, pressure gages on pump discharge lines, and operating time of pumps. Datum of gage is NGVD of 1929 (levels by U.S. Bureau of Reclamation).

COOPERATION.--Records were provided by U.S. Bureau of Reclamation and are rounded to U.S. Geological Survey standards.

REMARKS.--Records for 2013 water year did not meet U.S. Geological Survey requirements and were not published. Discharge computed from records of operation of pumps. Water is diverted from Sacramento-San Joaquin Delta by way of Old River and a dredged channel to the Tracy Pumping Plant where it is lifted 200 ft into canal. Water, less intermediate diversions, flows into Mendota Pool on San Joaquin River to replace water diverted at Friant Dam. The canal is a part of the Central Valley Project. See schematic diagram of Sacramento-San Joaquin Delta available from the California Water Science Center.

EXTREMES FOR PERIOD OF RECORD.--Maximum daily discharge, 4,940 ft³/s, Aug. 11, 1969, Aug. 7, 1998; no flow for many days in some years.