

Water-Data Report 2013

11396395 Sucker Run at Kanaka Diversion, near Feather Falls, CA

Sacramento River Basin

LOCATION.--Lat 39°33'44", long 121°16'46" referenced to North American Datum of 1927, in SE ¼ NE ¼ sec.27, T.20 N., R.6 E., Butte County, CA, Hydrologic Unit 18020123, on left bank, at Kanaka Diversion Measuring Weir, 2.5 mi upstream from confluence with South Fork Feather River, and 2.5 mi southwest of Feather Falls.

DRAINAGE AREA.--15.5 mi².

SURFACE-WATER RECORDS

PERIOD OF RECORD.--March 1989 to September 1998, October 1999 to September 2006, October 2007 to September 2008, October 2009 to September 2010, October 2011 to current year.

GAGE.--Water-stage recorder and 120° V-notch weir. Elevation of gage is 1,660 ft above NGVD of 1929, from topographic map.

COOPERATION.--Records provided by STS Hydro Power Ltd., under general supervision of the U.S. Geological Survey, in connection with Federal Energy Regulatory Commission project no. 7242.

REMARKS.--Records for the 2013 water year did not meet U.S. Geological Survey requirements and were not published. Water from the creek is diverted upstream from gage to Kanaka Powerplant (station 11396396). See schematic diagram of South Fork Feather River Basin available from the California Water Science Center.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 1,500 ft³/s, Jan. 1, 1997, gage height, 4.40 ft; minimum daily, 1.2 ft³/s, Aug. 21, 22, 27, 1992, Aug. 13, 1994.