

**11364300 Hatchet Creek below Diversion to Hatchet Creek Powerplant, near Montgomery Creek, CA**

Sacramento River Basin

LOCATION.--Lat 40°52'39", long 121°51'55" referenced to North American Datum of 1927, in SW ¼ NE ¼ sec.21, T.35 N., R.1 E., Shasta County, CA, Hydrologic Unit 18020003, on left bank, 1,400 ft downstream from Buffum Creek, and 3.8 mi northeast of Montgomery Creek.

DRAINAGE AREA.--29.6 mi<sup>2</sup>.

**SURFACE-WATER RECORDS**

PERIOD OF RECORD.--October 1987 to September 1988, October 1990 to September 1996. October 1989 to September 1990, October 1997 to September 1998, October 1999 to current year (operated as low-flow station only).

GAGE.--Water-stage recorder and sharp-crested weir. Elevation of gage is 3,460 ft above NGVD of 1929, from topographic map.

COOPERATION.--Records, including discharge for Hatchet Creek Powerplant (station 11364250), were collected by Shasta Hydroelectric, under general supervision of the U.S. Geological Survey, in connection with Federal Energy Regulatory Commission project no. 5931.

REMARKS.--Records for 2013 water year were not provided for review and therefore not published. During times of powerplant operation the minimum flow requirement is 15 ft<sup>3</sup>/s. Flows computed to 100 ft<sup>3</sup>/s. See schematic diagram of Pit River and McCloud River Basins available from the California Water Science Center.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge (Water years 1991-96), 1,930 ft<sup>3</sup>/s, Oct. 29, 1992, gage height, 7.06 ft, from outside high-water mark, from rating curve extended above 42 ft<sup>3</sup>/s on basis of theoretical computation of flow over weir; minimum daily, 3.8 ft<sup>3</sup>/s, Aug. 18 to Sept. 8, 1992.