

Water-Data Report 2007

## 11359100 Hat No. 2 Power Canal Diversion to Hat Creek, near Burney, CA

Sacramento River Basin

LOCATION.--Lat 40°57'01", long 121°32'43" referenced to North American Datum of 1983, in SE ¼ NW ¼ sec.29, T.36 N., R.4 E., Shasta County, CA, Hydrologic Unit 18020003, on right bank of Hat No. 2 Power Canal, 75 ft downstream from Hat No. 2 Diversion Dam on Hat Creek, and 7.9 mi northeast of Burney.

### **SURFACE-WATER RECORDS**

PERIOD OF RECORD.--Oct. 1 to Dec. 9, 1987 (fragmentary); Dec. 10, 1987, to June 2007 (operated as a low-flow station only) (discontinued). Unpublished fragmentary records for water years 1979-87 available in files of the U.S. Geological Survey.

GAGE.--Water-stage recorder and Parshall flume. Elevation of gage is 2,980 ft above NGVD of 1929, from topographic map.

COOPERATION.--Records were collected by Pacific Gas and Electric Co., under general supervision of the U.S. Geological Survey, in connection with Federal Energy Regulatory Commission project no. 2661.

REMARKS.--This station records fishwater release only. The minimum release requirement is 8.0 ft<sup>3</sup>/s at all times. Flow is computed to 15 ft<sup>3</sup>/s. See schematic diagram of Pit and McCloud River Basins available from the California Water Science Center.

## 11359100 Hat No. 2 Power Canal Diversion to Hat Creek, near Burney, CA—Continued

**DISCHARGE, CUBIC FEET PER SECOND**  
**WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007**  
**DAILY MEAN VALUES**

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	8.7	8.8	8.5	8.6	8.8	8.6	8.5	8.5	8.2	---	---	---
2	8.7	8.8	8.5	8.6	8.7	8.8	8.6	8.6	8.2	---	---	---
3	8.7	8.8	8.5	8.6	8.7	8.8	8.6	8.5	8.3	---	---	---
4	8.7	8.8	8.5	8.6	8.7	8.8	8.7	8.5	8.8	---	---	---
5	8.8	8.8	8.5	8.7	8.7	8.8	8.7	8.4	8.7	---	---	---
6	8.8	8.8	8.4	8.6	8.7	8.8	8.7	8.3	8.6	---	---	---
7	8.9	8.8	8.5	8.5	8.7	8.8	8.6	8.3	8.4	---	---	---
8	8.9	8.8	8.5	8.5	8.8	8.8	8.6	8.4	8.4	---	---	---
9	9.0	8.7	8.5	8.6	8.8	8.8	8.6	8.5	8.4	---	---	---
10	8.9	8.6	8.6	8.6	8.9	8.8	8.6	8.4	8.5	---	---	---
11	8.7	8.6	8.5	8.6	8.9	8.7	8.7	8.3	8.2	---	---	---
12	8.6	8.6	8.6	8.5	8.9	8.7	8.9	8.2	8.3	---	---	---
13	8.5	8.6	8.6	8.5	8.7	8.7	8.9	8.3	8.5	---	---	---
14	8.5	8.6	8.6	8.5	8.7	8.7	9.0	8.4	8.6	---	---	---
15	8.5	8.6	8.6	8.4	8.8	8.7	9.1	8.5	8.6	---	---	---
16	8.5	8.6	8.6	8.4	8.7	8.6	9.2	8.7	8.5	---	---	---
17	8.5	8.6	8.5	8.5	8.7	8.6	9.1	8.6	8.4	---	---	---
18	8.6	8.6	8.5	8.5	8.7	8.6	9.0	8.5	8.4	---	---	---
19	8.6	8.6	8.5	8.6	8.7	8.6	9.0	8.5	8.4	---	---	---
20	8.6	8.6	8.7	8.5	8.7	8.7	8.8	8.5	---	---	---	---
21	8.6	8.6	8.8	8.5	8.7	8.7	8.4	8.4	---	---	---	---
22	8.7	8.6	8.8	8.3	8.9	8.6	8.7	8.3	---	---	---	---
23	8.8	8.7	8.7	8.4	8.8	8.5	8.6	8.5	---	---	---	---
24	8.9	8.6	8.8	8.6	8.8	8.5	8.5	8.4	---	---	---	---
25	8.8	8.6	8.7	8.5	8.8	8.5	8.4	8.4	---	---	---	---
26	8.8	8.6	8.8	8.6	8.7	8.6	8.5	8.4	---	---	---	---
27	8.9	8.6	9.0	8.7	8.7	8.8	8.5	8.3	---	---	---	---
28	8.8	8.4	8.8	8.7	8.6	8.7	8.2	8.2	---	---	---	---
29	8.9	8.7	8.7	8.7	---	8.7	8.5	8.2	---	---	---	---
30	8.9	8.5	8.6	8.7	---	8.6	8.6	8.3	---	---	---	---
31	8.8	---	8.6	8.8	---	8.6	---	8.3	---	---	---	---
<b>Total</b>	270.6	259.6	267.0	265.4	245.0	269.2	260.8	260.6	---	---	---	---
<b>Mean</b>	8.73	8.65	8.61	8.56	8.75	8.68	8.69	8.41	---	---	---	---
<b>Max</b>	9.0	8.8	9.0	8.8	8.9	8.8	9.2	8.7	---	---	---	---
<b>Min</b>	8.5	8.4	8.4	8.3	8.6	8.5	8.2	8.2	---	---	---	---
<b>Ac-ft</b>	537	515	530	526	486	534	517	517	---	---	---	---

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