

11359100 HAT NO. 2 POWER CANAL DIVERSION TO HAT CREEK, NEAR BURNEY, CA

Sacramento River Basin

LOCATION.--Lat 40°57'01", long 121°32'39" referenced to North American Datum of 1927, in SE ¼ NW ¼ sec.29, T.36 N., R.4 E., Shasta County, 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.

WATER-DISCHARGE RECORDS

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 Unpublished fragmentary records for water years 1979-87 available in files of the U.S. Geological Survey.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

REMARKS.--This station records fishwater release only. The minimum release requirement is 8.0 ft³/s at all times. Flow is computed to 15 ft³/s. See schematic diagram of Pit and McCloud River Basins.

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.

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DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	8.7	8.8	8.8	8.9	8.7	8.8	8.7	8.7	9.1	12	12	12
2	8.6	8.8	8.8	8.9	8.6	8.8	8.9	8.7	9.2	12	12	12
3	8.6	8.8	8.8	8.9	8.6	8.8	8.9	8.8	9.3	12	12	12
4	8.6	8.9	8.7	8.9	8.6	8.8	8.7	8.8	9.1	12	12	12
5	8.6	8.8	8.8	8.9	8.6	8.8	8.4	9.0	8.9	12	12	12
6	8.6	8.8	8.8	8.9	8.6	8.8	8.4	9.0	8.9	12	12	12
7	8.6	8.8	8.8	8.9	8.7	8.8	8.8	9.0	8.9	12	12	12
8	8.6	8.8	8.9	8.9	8.6	8.8	8.9	9.0	9.0	12	12	12
9	8.6	8.8	8.9	8.9	8.7	8.7	8.7	9.6	9.0	12	12	12
10	8.6	8.8	8.8	8.8	8.7	8.8	8.6	9.4	9.0	12	12	12
11	8.6	8.8	8.8	8.9	8.8	8.8	8.5	9.3	9.0	12	12	12
12	8.7	8.8	8.8	8.8	8.8	8.8	8.5	9.3	9.0	12	12	---
13	8.7	8.8	8.8	8.8	8.8	8.8	8.7	9.2	8.9	12	12	---
14	8.8	8.8	8.8	8.8	8.7	8.8	8.7	9.0	8.8	12	12	---
15	8.7	8.8	8.9	8.8	8.5	8.8	8.6	9.1	8.8	12	12	---
16	8.7	8.8	8.9	8.8	8.4	---	8.6	9.0	8.9	12	12	12
17	8.7	8.8	8.9	8.8	9.2	8.8	8.6	8.8	9.0	12	12	12
18	8.8	8.8	8.9	8.8	9.8	8.6	8.5	8.8	9.0	12	12	12
19	9.1	8.8	8.9	8.8	9.7	8.9	8.5	9.0	8.9	12	12	12
20	9.4	8.8	8.9	8.8	9.8	8.9	8.4	9.0	9.0	12	12	11
21	9.3	8.8	8.9	8.8	9.3	8.8	8.3	8.9	8.8	12	12	11
22	9.1	8.8	8.9	8.8	8.8	8.6	8.7	8.8	9.2	12	12	11
23	8.9	8.8	8.9	8.8	8.8	8.3	9.0	9.1	9.9	12	12	11
24	9.0	8.8	8.9	8.8	8.8	8.4	9.0	9.2	9.9	12	12	11
25	8.9	8.8	8.9	8.8	8.8	8.5	9.0	9.1	9.9	12	12	11
26	8.9	8.8	8.9	8.8	8.8	8.5	8.9	9.1	9.9	12	12	12
27	8.9	8.9	8.9	8.8	8.7	8.5	8.9	9.1	9.9	12	12	11
28	8.9	8.8	8.9	8.8	8.8	8.6	9.0	9.1	9.8	12	12	12
29	8.9	8.8	8.9	8.8	---	8.6	8.9	9.1	9.9	12	12	11
30	8.8	8.8	8.9	8.7	---	8.5	8.9	9.0	11	12	12	11
31	8.8	---	8.9	8.6	---	8.5	---	9.0	---	12	12	---
Total	272.7	264.2	274.6	273.5	247.7	---	261.2	280.0	277.9	372	372	---
Mean	8.80	8.81	8.86	8.82	8.85	---	8.71	9.03	9.26	12.0	12.0	---
Max	9.4	8.9	8.9	8.9	9.8	---	9.0	9.6	11	12	12	---
Min	8.6	8.8	8.7	8.6	8.4	---	8.3	8.7	8.8	12	12	---
Ac-ft	541	524	545	542	491	---	518	555	551	738	738	---

NOTE: Canal out of service Mar. 16 and Sep. 12-15, all flow was routed through the slide gate on the dam.

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