

11425418 MORMON RAVINE NEAR NEWCASTLE, CA

Sacramento River Basin

LOCATION.--Lat 38°50'12", long 121°05'36" referenced to North American Datum of 1927, in SE ¼ NW ¼ sec.4, T.11 N., R.8 E., Placer County, Hydrologic Unit 18020128, on right bank, 200 ft upstream from Folsom Lake, 700 ft upstream of Newcastle Powerplant, and 3.3 mi southeast of Newcastle.

DRAINAGE AREA.--3.84 mi².

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--October 1989 to current year (low-flow records only).

GAGE.--Water-stage recorder and V-notch sharp-crested weir. Elevation of gage is 500 ft above NGVD of 1929, from topographic map.

REMARKS.--Records not computed above 8.5 ft³/s. Low flow augmented by release from end of South Canal. Most of the water in South Canal is diverted to Newcastle Powerplant (station 11425416). See schematic diagram of Bear River Basin.

COOPERATION.—Records, including diversion to Newcastle Powerplant, 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. 2310.

11425418 MORMON RAVINE NEAR NEWCASTLE, CA—Continued

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	---	---	---	---	---	---	---	---	---	---	---	---
2	---	1.3	---	---	---	---	---	---	---	---	---	6.9
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	3.3	---	---	---	---	---	---	---	---	---	---
5	---	1.8	---	---	---	---	---	---	---	---	---	---
6	---	1.4	---	---	---	---	---	---	---	---	---	7.1
7	---	1.4	---	---	---	---	---	---	---	---	---	6.9
8	---	1.4	---	---	---	---	---	---	---	---	---	7.0
9	---	1.6	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	8.3	---	---	---	---	---	---	---	---	---	---
15	---	7.4	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---
17	---	8.0	---	---	---	---	---	---	---	---	---	---
18	---	---	---	---	---	---	---	---	---	---	---	8.0
19	---	---	---	---	---	---	---	---	---	---	---	7.4
20	---	---	---	---	---	---	---	---	---	---	---	7.0
21	1.9	---	---	---	---	---	---	---	---	---	---	7.1
22	---	---	---	---	---	---	---	---	---	---	---	7.4
23	---	8.0	---	---	---	---	---	---	---	---	---	7.7
24	---	8.0	---	---	---	---	---	---	---	---	---	7.9
25	---	8.0	---	---	---	---	---	---	---	---	---	7.9
26	---	8.0	---	---	---	---	---	---	---	---	---	---
27	---	---	---	---	---	---	---	---	---	---	---	---
28	---	---	---	---	---	---	---	---	---	---	---	---
29	---	---	---	---	---	---	---	---	---	---	---	---
30	---	---	---	---	---	---	---	---	---	---	---	---
31	---	---	---	---	---	---	---	---	---	---	6.9	---
Total	---	---	---	---	---	---	---	---	---	---	---	---
Mean	---	---	---	---	---	---	---	---	---	---	---	---
Max	---	---	---	---	---	---	---	---	---	---	---	---
Min	---	---	---	---	---	---	---	---	---	---	---	---
Ac-ft	---	---	---	---	---	---	---	---	---	---	---	---
Diversion, in acre-feet, to Newcastle Powerplant	0	10,730	17,610	16,350	14,880	10,750	12,430	11,360	8,050	460	273	8,400

	Calendar Year 2004	Water Year 2005
Diversion, in acre-feet, to Newcastle Powerplant	97,430	111,300

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