

Water-Data Report 2007

**11433930 (revised) 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, CA, 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 mi<sup>2</sup>.

**SURFACE-WATER 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.

COOPERATION.--Records, including diversion to Newcastle Powerplant (station 11425416), 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.

REMARKS.--Records not computed above 8.5 ft<sup>3</sup>/s. Low flow augmented by release from end of South Canal. Most of the water in South Canal is diverted to Newcastle Powerplant. Prior to 2007, published as station number 11425418. See schematic diagram of Bear River Basin available from the California Water Science Center.

## 11433930 Mormon Ravine near Newcastle, 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	---	1.4	---	---	---	---	8.1	---	---	---	---	---
2	---	---	---	---	---	---	---	---	---	---	---	---
3	---	3.5	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	8.4	---	---	---	---	---
6	---	---	8.2	---	---	---	8.2	---	---	---	---	---
7	---	---	---	---	---	---	8.4	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	5.9	8.3	---	---	---	---	---	---	---	---	---	---
17	2.3	8.3	---	---	---	---	---	---	---	---	---	---
18	3.0	8.1	---	8.0	---	---	---	---	---	---	---	---
19	1.6	8.3	---	---	---	---	---	---	---	---	---	---
20	2.7	---	---	---	---	---	---	---	---	---	---	---
21	1.6	8.1	---	---	---	---	---	---	---	---	---	---
22	2.6	---	---	---	---	---	---	7.0	---	---	---	---
23	1.6	---	---	---	---	---	---	7.0	---	---	---	---
24	1.9	8.3	---	---	---	---	---	7.6	---	---	---	---
25	1.4	---	---	---	---	---	---	---	---	---	---	---
26	2.1	---	---	---	---	---	---	7.6	---	---	---	---
27	1.4	---	---	---	---	---	---	8.0	---	---	---	---
28	2.3	---	---	8.3	---	---	---	7.6	---	---	---	---
29	1.1	---	---	8.3	---	---	---	---	---	---	---	---
30	1.1	---	---	8.2	---	---	---	---	---	---	---	---
31	1.1	---	---	7.7	---	8.4	---	---	---	---	---	---
<b>Total</b>	---	---	---	---	---	---	---	---	---	---	---	---
<b>Mean</b>	---	---	---	---	---	---	---	---	---	---	---	---
<b>Max</b>	---	---	---	---	---	---	---	---	---	---	---	---
<b>Min</b>	---	---	---	---	---	---	---	---	---	---	---	---
<b>Ac-ft</b>	---	---	---	---	---	---	---	---	---	---	---	---
<b>Diversion, in acre-feet, to Newcastle Powerplant</b>	5,840	9,500	15,990	14,790	13,070	14,820	12,150	6,400	0	0	28	0

	Calendar Year 2006	Water Year 2007
<b>Diversion, in acre-feet, to Newcastle Powerplant</b>	113,100	92,600