11414210 South Yuba River Controlled Release at Lake Spaulding, near Emigrant Gap, CA

Sacramento River Basin

LOCATION.--Lat 39°19′28″, long 120°38′42″ referenced to North American Datum of 1927, in NE ¼ SE ¼ sec.20, T.17 N., R.12 E., Nevada County, CA, Hydrologic Unit 18020125, on left bank, 200 ft downstream from Spaulding No. 2 Powerplant, 0.2 mi downstream from Spaulding Dam, and 2.3 mi northeast of Emigrant Gap.

DRAINAGE AREA.--118 mi^2.

SURFACE-WATER RECORDS

PERIOD OF RECORD.--October 1985 to September 2003, October 2003 to current year (low flow records only). Unpublished records for water years 1965-85 in files of the U.S. Geological Survey. Prior to October 2000, published as "South Yuba River below Spaulding No. 2 Powerplant, near Emigrant Gap."

GAGE.--Water-stage recorder, V-notch sharp-crested weir, and steel-lipped rectangular weir. Elevation of gage is 4,670 ft above NGVD of 1929, from topographic map. Prior to June 1988, at same site, different datum.

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. 2310.

REMARKS.--Records not computed above 3.6 ft^3/s. Flow regulated by Lake Spaulding (station 11414140) 0.2 mi upstream. Water is released at the intake to South Yuba Canal (station 11414200) 100 ft upstream. Flow over Lake Spaulding spillway bypasses this station. See schematic diagrams of South Yuba River Basin and Bear River Basin available from the California Water Science Center.

11414210 South Yuba River Controlled Release at Lake Spaulding, near Emigrant Gap, CA—Continued

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008
DAILY MEAN VALUES

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	---	---	---	---	---	---	---	---	---	---	---	---
2	---	---	---	---	---	---	3.3	---	---	---	---	---
3	---	---	---	---	---	---	3.4	---	---	---	---	---
4	---	---	---	---	---	---	3.4	---	---	---	---	---
5	---	---	---	---	---	---	3.4	---	---	---	---	---
6	---	---	---	---	---	---	3.4	---	---	---	---	---
7	---	---	---	---	---	---	2.9	---	---	---	---	---
8	---	---	---	---	---	---	2.5	---	---	---	---	---
9	---	---	---	---	---	---	2.5	---	---	---	---	---
10	---	---	---	---	---	---	2.5	---	---	---	---	---
11	---	---	---	---	---	---	2.6	---	---	---	---	---
12	---	---	---	---	---	---	2.7	---	---	---	---	---
13	---	---	---	---	---	---	2.9	---	---	---	---	---
14	---	---	---	---	---	---	2.8	---	---	---	---	---
15	---	---	---	---	---	---	2.7	---	3.6	---	---	---
16	---	---	---	---	---	---	2.7	---	---	---	---	---
17	---	---	---	---	---	---	2.7	---	---	---	---	---
18	---	---	---	---	---	---	2.8	---	---	---	---	---
19	---	---	---	---	---	---	2.9	---	---	---	---	---
20	---	---	---	---	---	---	2.8	---	---	---	---	---
21	---	---	---	---	---	---	2.8	---	---	---	---	---
22	---	---	---	---	---	---	2.8	---	---	---	---	---
23	---	---	---	---	---	---	3.2	---	---	---	---	---
24	---	---	---	---	---	---	2.8	---	---	---	---	---
25	---	---	---	---	---	---	2.7	---	---	---	---	---
26	---	---	---	---	---	---	2.8	---	---	---	---	---
27	---	---	---	---	---	---	2.9	---	---	---	---	---
28	---	---	---	---	---	---	3.0	---	---	---	---	---
29	---	---	---	---	---	---	3.3	---	---	---	---	---
30	---	---	---	---	---	---	3.4	---	---	---	---	---
31	---	---	---	---	---	---	---	---	---	---	---	---
Total	---	---	---	---	---	---	---	---	---	---	---	---
Mean	---	---	---	---	---	---	---	---	---	---	---	---
Max	---	---	---	---	---	---	---	---	---	---	---	---
Min	---	---	---	---	---	---	---	---	---	---	---	---
Ac-ft	---	---	---	---	---	---	---	---	---	---	---	---