

Water-Data Report CA-2005

11315030 COLE CREEK BELOW DIVERSION DAM, NEAR SALT SPRINGS DAM, CA

San Joaquin River Basin

LOCATION.--Lat 38°30'54", long 120°12'53" referenced to North American Datum of 1927, in NW ¼ SE ¼ sec.28, T.8 N., R.16 E., Amador County, Hydrologic Unit 18040012, in Eldorado National Forest, on right bank, 200 ft downstream from diversion dam, 1.1 mi north of Salt Springs Dam, and 6.7 mi southwest of Mokelumne Peak.

DRAINAGE AREA.--21.8 mi².

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--December 1987 to current year (low-flow records only). Unpublished records for water years 1981-87 available in files of the U.S. Geological Survey.

GAGE.--Water-stage recorder and concrete control. Elevation of gage is 5,830 ft above NGVD of 1929, from topographic map. Prior to Dec. 3, 1987, nonrecording gage, and Dec. 3, 1987, to Oct. 16, 2002, recording gage at site 100 ft upstream at different datum.

REMARKS.--No records computed above 5.0 ft³/s. Flow regulated by Cole Creek Diversion Dam. Water is diverted for power since December 1952 to a tunnel from Lower Bear River Reservoir to Salt Springs Powerplant No. 2 (station 11313510) on North Fork Mokelumne River. Water diverted occasionally from Cole Creek into Lower Bear River Reservoir. See schematic diagram of Mokelumne River Basin.

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. 137.

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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	0.42	---	---	---	---	---	---	---	---	---	1.7	0.20
2	0.42	---	---	---	---	---	---	---	---	---	1.4	0.20
3	0.43	---	---	---	---	---	---	---	---	---	1.1	0.21
4	0.43	---	---	---	---	---	---	---	---	---	0.94	0.18
5	0.43	---	---	---	---	---	---	---	---	---	0.67	0.20
6	0.41	---	---	---	---	---	---	---	---	---	0.53	0.22
7	0.41	---	---	---	---	---	---	---	---	---	0.42	0.22
8	0.39	---	---	---	---	---	---	---	---	---	0.38	0.22
9	0.40	---	---	---	---	---	---	---	---	---	0.37	0.22
10	0.41	---	---	---	---	---	---	---	---	---	0.38	0.23
11	0.43	---	---	---	---	---	---	---	---	---	0.36	0.21
12	0.43	---	---	---	---	---	---	---	---	---	0.35	0.21
13	0.47	---	---	---	---	---	---	---	---	---	0.34	0.17
14	0.45	---	---	---	---	---	---	---	---	---	0.34	0.14
15	0.46	---	---	---	---	---	---	---	---	---	0.32	0.13
16	0.46	---	---	---	---	---	---	---	---	---	0.38	0.13
17	0.59	---	---	---	---	---	---	---	---	---	0.43	0.13
18	2.2	---	---	---	---	---	---	---	---	---	0.37	0.13
19	1.0	---	---	---	---	---	---	---	---	---	0.31	0.14
20	2.3	---	---	---	---	---	---	---	---	---	0.30	0.17
21	1.7	---	---	---	---	---	---	---	---	---	0.32	0.24
22	---	---	---	---	---	---	---	---	---	---	0.30	0.30
23	---	---	---	---	---	---	---	---	---	---	0.26	0.29
24	---	---	---	---	---	---	---	---	---	---	0.24	0.27
25	---	---	---	---	---	---	---	---	---	---	0.25	0.29
26	---	---	---	---	---	---	---	---	---	4.8	0.22	0.32
27	---	---	---	---	---	---	---	---	---	4.1	0.20	0.66
28	---	---	---	---	---	---	---	---	---	3.6	0.22	0.44
29	---	---	---	---	---	---	---	---	---	3.2	0.21	0.40
30	---	---	---	---	---	---	---	---	---	2.8	0.19	0.35
31	---	---	---	---	---	---	---	---	---	2.2	0.21	---
Total	---	---	---	---	---	---	---	---	---	---	14.01	7.22
Mean	---	---	---	---	---	---	---	---	---	---	0.45	0.24
Max	---	---	---	---	---	---	---	---	---	---	1.7	0.66
Min	---	---	---	---	---	---	---	---	---	---	0.19	0.13
Ac-ft	---	---	---	---	---	---	---	---	---	---	28	14

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