

Water-Data Report CA-2005

**11376150 NORTH FORK BATTLE CREEK BELOW DIVERSION TO EAGLE CANYON CANAL,
NEAR MANTON, CA**

Sacramento River Basin

LOCATION.--Lat 40°25'26", long 121°55'09" referenced to North American Datum of 1927, in NW ¼ SE ¼ sec.25, T.30 N., R.1 W., Shasta County (revised), Hydrologic Unit 18020118, on left bank, at diversion dam to Eagle Canyon Canal, and 2.8 mi southwest of Manton.

DRAINAGE AREA.--186 mi².

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--October 1987 to current year (operated as a low-flow station only). Unpublished records for water years 1978-87 available in files of the U.S. Geological Survey. Fragmentary records for water year 1977 available in files of Pacific Gas and Electric Co.

GAGE.--Water-stage recorder and metal Alaskan fishladder. Elevation of gage is 1,400 ft above NGVD of 1929, from topographic map.

REMARKS.--This station records fishwater release only. Prior to water year 1996 flow computed to 7.2 ft³/s. The minimum release requirement is 3.0 ft³/s at all times; flow is computed to 50 ft³/s. See schematic diagram of Battle Creek and Cow Creek 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. 1121.

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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	31	39	30	31	42	35	33	35	---	48	32	33
2	31	38	30	34	36	46	32	34	---	---	32	33
3	31	39	29	33	28	35	34	34	---	---	31	33
4	31	31	29	31	28	35	34	35	---	48	31	33
5	31	30	29	31	28	33	33	---	---	42	31	34
6	31	30	30	30	28	32	33	---	---	39	31	33
7	31	30	31	39	28	32	48	---	---	41	31	33
8	31	30	35	34	27	32	50	---	---	45	32	33
9	31	30	33	33	31	31	48	---	---	42	32	33
10	32	31	31	32	31	31	44	---	---	39	31	33
11	31	31	31	33	33	32	42	---	---	34	32	32
12	31	30	30	32	33	32	40	---	---	30	33	32
13	31	30	30	31	32	32	43	---	---	30	33	32
14	31	30	30	31	34	32	36	---	---	33	33	32
15	31	30	30	31	32	32	34	---	---	35	33	32
16	32	30	30	31	31	31	34	---	---	34	33	33
17	33	30	30	31	31	31	35	---	---	34	33	33
18	40	30	29	31	35	31	35	---	---	34	33	33
19	48	30	29	31	35	32	35	---	---	34	33	33
20	50	30	29	31	41	31	34	---	45	34	33	33
21	45	30	29	30	34	32	34	---	43	34	33	33
22	44	30	29	30	33	34	34	---	41	34	33	33
23	---	30	29	30	33	33	39	---	37	34	33	33
24	---	30	29	35	32	33	39	---	41	33	33	33
25	44	30	29	39	32	32	36	---	42	33	33	33
26	---	30	30	---	32	32	34	---	41	33	33	33
27	49	31	45	---	36	33	34	---	41	33	33	33
28	42	30	38	---	40	---	42	---	44	31	33	33
29	42	30	33	---	---	44	35	---	44	31	33	33
30	41	30	39	46	---	34	34	---	46	32	33	33
31	40	---	32	43	---	33	---	---	---	32	33	---
Total	---	930	967	---	916	---	1,118	---	---	---	1,006	986
Mean	---	31.0	31.2	---	32.7	---	37.3	---	---	---	32.5	32.9
Max	---	39	45	---	42	---	50	---	---	---	33	34
Min	---	30	29	---	27	---	32	---	---	---	31	32
Ac-ft	---	1,840	1,920	---	1,820	---	2,220	---	---	---	2,000	1,960

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