



Water-Data Report 2008

11459150 Petaluma River at Copland Pumping Station, at Petaluma, CA

Petaluma River Basin

LOCATION.--Lat 38°14'18", long 122°38'12" referenced to North American Datum of 1927, in SE ¼ NW ¼ sec.33, T.5 N., R.7 W., Sonoma County, CA, Hydrologic Unit 18050002, on left bank, 0.1 mi upstream from Washington Street Bridge, at Copland Pumping Station, in Petaluma.

DRAINAGE AREA.--45.4 mi².

SURFACE-WATER RECORDS

PERIOD OF RECORD.--October 1998 to current year.

GAGE.--Water-stage recorder and dopler-velocity system. Datum of gage is NGVD of 1929.

REMARKS.--Records poor. High flow above 75 ft³/s only. Flows affected by tide. No regulation or diversion above gage.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 9,620 ft³/s, Dec. 31, 2005, gage height, 10.04 ft, from backwater.

PEAK DISCHARGES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 1,500 ft³/s and (or) maximum (*):

[a, backwater]

Date	Time	Discharge (ft ³ /s)	Gage height (ft)
Jan 4	1830	1,640	1.01
Jan 26	0115	*6,010	6.39
Jan 26	0245	a	*6.74
Jan 31	1715	1,980	.89

11459150 Petaluma River at Copland Pumping Station, at Petaluma, 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	---	---	---	---	355	---	---	---	---	---	---	---
2	---	---	---	---	423	---	---	---	---	---	---	---
3	---	---	---	---	673	---	---	---	---	---	---	---
4	---	---	---	816	145	---	---	---	---	---	---	---
5	---	---	---	346	---	---	---	---	---	---	---	---
6	---	---	---	141	---	---	---	---	---	---	---	---
7	---	---	---	119	---	---	---	---	---	---	---	---
8	---	---	---	322	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---
17	---	---	---	---	---	---	---	---	---	---	---	---
18	---	---	---	---	---	---	---	---	---	---	---	---
19	---	---	---	---	---	---	---	---	---	---	---	---
20	---	---	---	---	---	---	---	---	---	---	---	---
21	---	---	---	---	---	---	---	---	---	---	---	---
22	---	---	---	---	---	---	---	---	---	---	---	---
23	---	---	---	---	---	---	---	---	---	---	---	---
24	---	---	---	---	445	---	---	---	---	---	---	---
25	---	---	---	1,740	120	---	---	---	---	---	---	---
26	---	---	---	2,570	---	---	---	---	---	---	---	---
27	---	---	---	557	---	---	---	---	---	---	---	---
28	---	---	---	175	---	---	---	---	---	---	---	---
29	---	---	---	166	---	---	---	---	---	---	---	---
30	---	---	---	129	---	---	---	---	---	---	---	---
31	---	---	---	557	---	---	---	---	---	---	---	---
Total	---	---	---	---	---	---	---	---	---	---	---	---
Mean	---	---	---	---	---	---	---	---	---	---	---	---
Max	---	---	---	---	---	---	---	---	---	---	---	---
Min	---	---	---	---	---	---	---	---	---	---	---	---
Ac-ft	---	---	---	---	---	---	---	---	---	---	---	---