



Water-Data Report 2007

## 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 mi<sup>2</sup>.

### 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 ft<sup>3</sup>/s only. Flows affected by tide. No regulation or diversion above gage.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 9,620 ft<sup>3</sup>/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 ft<sup>3</sup>/s and (or) maximum (\*):

[a, Backwater]

Date	Time	Discharge (ft <sup>3</sup> /s)	Gage height (ft)
Feb 10	1315	*772	-0.42
Feb 10	1430	a	*2.78

11459150 Petaluma River at Copland Pumping Station, at Petaluma, 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	---	---	---	---	---	---	---	---	---	---	---	---
2	---	---	---	---	---	---	---	---	---	---	---	---
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	78	---	108	---	---	---	---	---	---	---
9	---	---	---	---	111	---	---	---	---	---	---	---
10	---	101	---	---	465	---	---	---	---	---	---	---
11	---	---	---	---	257	---	---	---	---	---	---	---
12	---	95	108	---	129	---	---	---	---	---	---	---
13	---	---	---	---	83	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---
17	---	---	---	---	---	---	---	---	---	---	---	---
18	---	---	---	---	---	---	---	---	---	---	---	---
19	---	---	---	---	---	---	---	---	---	---	---	---
20	---	---	---	---	---	---	---	---	---	---	---	---
21	---	---	---	---	78	---	---	---	---	---	---	---
22	---	---	---	---	145	---	---	---	---	---	---	---
23	---	---	182	---	---	---	---	---	---	---	---	---
24	---	80	---	---	---	---	---	---	---	---	---	---
25	---	---	---	---	147	---	---	---	---	---	---	---
26	---	---	119	---	---	---	---	---	---	---	---	---
27	---	---	150	---	171	---	---	---	---	---	---	---
28	---	---	---	---	169	---	---	---	---	---	---	---
29	---	---	111	---	---	---	---	---	---	---	---	---
30	---	---	---	---	---	---	---	---	---	---	---	---
31	---	---	---	---	---	---	---	---	---	---	---	---
<b>Total</b>	---	---	---	---	---	---	---	---	---	---	---	---
<b>Mean</b>	---	---	---	---	---	---	---	---	---	---	---	---
<b>Max</b>	---	---	---	---	---	---	---	---	---	---	---	---
<b>Min</b>	---	---	---	---	---	---	---	---	---	---	---	---
<b>Ac-ft</b>	---	---	---	---	---	---	---	---	---	---	---	---