



Water-Data Report 2007

11465660 Copeland Creek at Rohnert Park, CA

Russian River Basin

LOCATION.--Lat 38°20'36", long 122°42'03" referenced to North American Datum of 1927, Sonoma County, CA, Hydrologic Unit 18010110, in Cotate Grant, on left bank, downstream of footbridge, 0.2 mi downstream of Seed Farm Drive, in Rohnert Park.

DRAINAGE AREA.--5.48 mi².

SURFACE-WATER RECORDS

PERIOD OF RECORD.--October 2006 to April 2007 (seasonal).

GAGE.--Water-stage recorder and crest-stage gage. Datum of gage is 100 ft above NGVD of 1929, from topographic map.

REMARKS.--Records good except for estimated daily discharges, which are fair. No regulation or diversion upstream of station. See schematic diagram of Russian River Basin available from the California Water Science Center.

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

Date	Time	Discharge (ft ³ /s)	Gage height (ft)
Dec 26	1915	*512	*5.23
No other peak greater than base discharge			

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DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007
DAILY MEAN VALUES

[e, estimated]

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	e0.12	0.11	0.72	1.5	0.67	5.7	1.2	---	---	---	---	---
2	e0.12	45	0.68	1.3	0.65	4.6	1.2	---	---	---	---	---
3	e0.13	2.1	0.73	1.9	0.64	3.9	1.2	---	---	---	---	---
4	e0.28	1.3	1.1	3.2	0.63	3.4	1.1	---	---	---	---	---
5	e11	1.0	0.65	1.6	0.64	3.1	1.1	---	---	---	---	---
6	e0.97	0.98	0.51	1.2	0.77	2.8	1.1	---	---	---	---	---
7	e0.49	0.95	0.48	1.0	2.9	2.6	1.2	---	---	---	---	---
8	e0.36	0.89	2.6	0.99	15	2.5	1.1	---	---	---	---	---
9	e0.31	0.76	6.3	0.97	44	2.3	1.1	---	---	---	---	---
10	e0.29	0.73	4.6	0.95	100	2.2	1.1	---	---	---	---	---
11	e0.21	6.8	7.7	0.91	36	2.1	2.2	---	---	---	---	---
12	e0.19	1.1	16	0.86	25	2.0	1.1	---	---	---	---	---
13	e0.21	17	2.0	0.84	9.4	1.9	1.0	---	---	---	---	---
14	e0.21	2.7	1.5	0.83	5.1	1.8	1.6	---	---	---	---	---
15	e0.24	1.7	3.8	0.80	3.9	1.8	1.0	---	---	---	---	---
16	e0.20	1.6	1.5	0.88	3.3	1.6	1.1	---	---	---	---	---
17	e0.16	1.3	1.1	0.87	2.9	1.5	0.92	---	---	---	---	---
18	e0.13	1.1	0.94	0.78	2.6	1.5	0.97	---	---	---	---	---
19	e0.13	0.96	0.96	0.77	2.2	1.5	2.5	---	---	---	---	---
20	0.12	0.89	0.83	0.74	2.0	1.5	3.0	---	---	---	---	---
21	0.12	0.80	7.3	0.72	2.2	1.5	4.0	---	---	---	---	---
22	0.11	0.80	2.7	0.71	25	1.4	13	---	---	---	---	---
23	0.11	0.74	1.2	0.70	4.5	1.3	1.4	---	---	---	---	---
24	0.12	0.65	1.0	0.69	5.6	1.3	1.1	---	---	---	---	---
25	0.10	0.60	0.93	0.69	16	1.3	1.1	---	---	---	---	---
26	0.06	15	87	1.6	12	3.3	1.0	---	---	---	---	---
27	0.04	1.6	20	1.9	24	1.8	0.93	---	---	---	---	---
28	0.14	1.0	4.4	0.77	10	1.6	0.89	---	---	---	---	---
29	0.11	0.82	2.7	0.72	---	1.3	0.86	---	---	---	---	---
30	0.13	0.71	2.0	0.73	---	1.3	0.83	---	---	---	---	---
31	0.11	---	1.7	0.70	---	1.3	---	---	---	---	---	---

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