

Water-Data Report 2010

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 current year (seasonal records only).

REVISED RECORDS.--WDR US-2008: 2007 (instantaneous maximum discharge).

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 (ft³/s)	Gage height (ft)
Jan 20	unknown	*411	*7.45

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DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010
DAILY MEAN VALUES

[e, estimated]

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	0.00	0.00	0.00	3.1	13	9.8	13	---	---	---	---	---
2	0.00	0.00	0.00	2.3	11	51	29	---	---	---	---	---
3	0.00	0.00	0.00	1.1	17	78	14	---	---	---	---	---
4	0.00	0.00	0.00	0.98	54	26	29	---	---	---	---	---
5	0.00	0.00	0.00	0.88	75	16	17	---	---	---	---	---
6	0.00	0.07	0.00	0.82	106	13	9.3	---	---	---	---	---
7	0.00	0.03	0.02	0.74	56	10	7.6	---	---	---	---	---
8	0.00	0.00	0.00	0.65	33	8.9	6.4	---	---	---	---	---
9	0.00	0.00	0.00	0.61	39	8.9	5.7	---	---	---	---	---
10	0.00	0.00	0.00	0.55	15	11	5.2	---	---	---	---	---
11	0.00	0.00	4.1	0.53	10	6.9	56	---	---	---	---	---
12	0.00	0.00	26	6.0	12	25	82	---	---	---	---	---
13	91	0.00	12	9.1	9.7	12	27	---	---	---	---	---
14	3.4	0.00	2.3	1.3	7.8	8.2	16	---	---	---	---	---
15	1.3	0.00	1.4	1.2	6.9	6.9	12	---	---	---	---	---
16	0.45	0.00	22	1.1	6.2	6.0	9.5	---	---	---	---	---
17	0.06	0.11	2.5	e9.7	5.7	5.6	8.3	---	---	---	---	---
18	0.01	0.20	2.0	e100	5.3	5.1	7.3	---	---	---	---	---
19	7.6	0.02	1.9	e160	5.0	4.5	6.4	---	---	---	---	---
20	1.4	4.9	2.0	e255	4.5	4.1	18	---	---	---	---	---
21	0.21	1.00	2.8	e183	4.4	3.9	8.0	---	---	---	---	---
22	0.05	0.41	2.0	98	4.2	3.9	6.4	---	---	---	---	---
23	0.02	0.17	1.6	73	27	3.6	5.2	---	---	---	---	---
24	0.00	0.08	1.4	38	41	4.8	4.4	---	---	---	---	---
25	0.00	0.04	1.2	114	12	6.1	3.9	---	---	---	---	---
26	0.00	0.03	0.94	81	30	3.7	3.9	---	---	---	---	---
27	0.00	0.02	1.4	42	26	3.2	11	---	---	---	---	---
28	0.00	0.01	0.99	27	13	2.9	7.0	---	---	---	---	---
29	0.00	0.00	1.9	31	---	4.1	4.2	---	---	---	---	---
30	0.00	0.00	3.2	30	---	7.5	3.5	---	---	---	---	---
31	0.00	---	1.0	16	---	24	---	---	---	---	---	---
Total	105.50	7.09	94.65	1,288.66	649.7	384.6	436.2	---	---	---	---	---
Mean	3.40	0.24	3.05	41.6	23.2	12.4	14.5	---	---	---	---	---
Max	91	4.9	26	255	106	78	82	---	---	---	---	---
Min	0.00	0.00	0.00	0.53	4.2	2.9	3.5	---	---	---	---	---
Ac-ft	209	14	188	2,560	1,290	763	865	---	---	---	---	---

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