

**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 mi<sup>2</sup>.

**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 ft<sup>3</sup>/s and (or) maximum (\*):

<b>Date</b>	<b>Time</b>	<b>Discharge (ft<sup>3</sup>/s)</b>	<b>Gage height (ft)</b>
Dec 28	2130	*429	*7.64

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**DISCHARGE, CUBIC FEET PER SECOND**  
**WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011**  
**DAILY MEAN VALUES**  
[e, estimated]

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	0.00	0.35	0.28	24	6.9	11	12	---	---	---	---	---
2	0.00	0.31	0.27	31	6.2	28	11	---	---	---	---	---
3	0.00	0.32	0.51	19	5.9	15	9.5	---	---	---	---	---
4	0.00	0.39	0.30	16	5.9	12	8.7	---	---	---	---	---
5	0.00	0.50	15	14	5.8	11	8.3	---	---	---	---	---
6	0.00	0.46	36	13	5.5	38	7.7	---	---	---	---	---
7	0.00	42	5.1	12	5.4	22	7.5	---	---	---	---	---
8	0.00	2.3	26	11	5.4	15	7.3	---	---	---	---	---
9	0.00	1.6	12	11	5.3	13	6.8	---	---	---	---	---
10	0.00	1.1	6.9	10	5.3	13	6.3	---	---	---	---	---
11	0.00	0.55	4.2	9.6	5.2	12	6.3	---	---	---	---	---
12	0.00	0.34	2.9	9.1	5.1	10	6.2	---	---	---	---	---
13	0.00	0.34	2.2	12	5.2	15	6.8	---	---	---	---	---
14	0.00	0.31	14	10	14	35	5.8	---	---	---	---	---
15	0.00	0.29	6.6	9.0	28	100	5.6	---	---	---	---	---
16	0.00	0.26	3.3	8.7	56	50	5.6	---	---	---	---	---
17	0.00	0.26	13	8.3	107	23	5.5	---	---	---	---	---
18	0.00	0.24	40	8.1	53	49	5.5	---	---	---	---	---
19	0.00	2.0	112	7.7	42	137	5.6	---	---	---	---	---
20	0.00	15	106	7.3	20	166	6.3	---	---	---	---	---
21	0.00	5.6	42	7.2	16	40	10	---	---	---	---	---
22	0.00	1.1	60	7.2	13	27	5.3	---	---	---	---	---
23	e30	5.9	17	6.8	11	68	4.9	---	---	---	---	---
24	e65	1.2	11	6.7	15	105	6.1	---	---	---	---	---
25	e5.5	0.42	37	6.6	63	49	5.3	---	---	---	---	---
26	e1.0	0.35	25	6.4	17	105	4.2	---	---	---	---	---
27	0.42	7.5	13	6.2	14	38	3.8	---	---	---	---	---
28	0.29	1.6	103	6.1	12	27	3.4	---	---	---	---	---
29	11	0.43	87	7.2	---	19	3.1	---	---	---	---	---
30	0.91	0.30	27	15	---	16	2.8	---	---	---	---	---
31	0.46	---	20	7.8	---	14	---	---	---	---	---	---
<b>Total</b>	114.58	93.32	848.56	334.0	554.1	1,283	193.2	---	---	---	---	---
<b>Mean</b>	3.70	3.11	27.4	10.8	19.8	41.4	6.44	---	---	---	---	---
<b>Max</b>	65	42	112	31	107	166	12	---	---	---	---	---
<b>Min</b>	0.00	0.24	0.27	6.1	5.1	10	2.8	---	---	---	---	---
<b>Ac-ft</b>	227	185	1,680	662	1,100	2,540	383	---	---	---	---	---

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