



Water-Data Report 2010

11466065 Brush Creek at Santa Rosa, CA

Russian River Basin

LOCATION.--Lat 38°27'18", long 122°40'45" referenced to North American Datum of 1927, Sonoma County, CA, Hydrologic Unit 18010110, in Cabeza de Santa Rosa Grant, on right bank, 50 ft upstream of State Highway 12, in Santa Rosa.

DRAINAGE AREA.--10.1 mi².

SURFACE-WATER RECORDS

PERIOD OF RECORD.--November 2002 to May 2005 (seasonal stage only). October 2005 to April 2010 (discontinued).

GAGE.--Water-stage recorder. Datum of gage is NGVD of 1929.

REMARKS.--Records good. Gage is for local flood management information and is operated seasonally from Oct. 1 to Apr. 30. 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 800 ft³/s and (or) maximum (*):

Date	Time	Discharge (ft ³ /s)	Gage height (ft)
Jan 20	1015	*1,160	*216.31

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

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	0.0	0.03	0.03	9.2	5.9	12	15	---	---	---	---	---
2	0.0	0.02	0.03	6.7	4.5	77	40	---	---	---	---	---
3	0.0	0.02	0.03	2.5	7.8	150	21	---	---	---	---	---
4	0.0	0.02	0.03	1.4	62	57	121	---	---	---	---	---
5	0.0	0.06	0.03	1.0	50	29	54	---	---	---	---	---
6	0.0	4.5	0.03	0.73	107	19	21	---	---	---	---	---
7	0.0	0.55	0.03	0.57	29	13	12	---	---	---	---	---
8	0.0	0.14	0.03	0.46	15	9.4	8.7	---	---	---	---	---
9	0.0	0.07	0.03	0.36	17	8.3	6.6	---	---	---	---	---
10	0.0	0.05	0.03	0.29	9.5	11	5.1	---	---	---	---	---
11	0.0	0.05	3.3	0.25	7.0	5.5	54	---	---	---	---	---
12	0.0	0.04	44	32	10	78	154	---	---	---	---	---
13	99	0.04	21	36	8.1	26	52	---	---	---	---	---
14	3.7	0.04	3.0	5.0	5.4	13	24	---	---	---	---	---
15	0.81	0.02	1.1	2.5	4.3	9.0	15	---	---	---	---	---
16	0.32	0.02	24	1.7	3.5	6.9	10	---	---	---	---	---
17	0.14	0.43	3.3	7.7	2.8	5.3	7.7	---	---	---	---	---
18	0.09	0.60	1.5	190	2.5	4.5	6.1	---	---	---	---	---
19	4.6	0.12	1.0	259	2.1	3.5	4.5	---	---	---	---	---
20	0.57	12	1.1	343	1.8	2.8	39	---	---	---	---	---
21	0.18	0.61	3.3	225	1.7	2.4	16	---	---	---	---	---
22	0.10	0.20	1.9	102	1.9	2.1	8.0	---	---	---	---	---
23	0.07	0.16	0.90	58	74	1.8	5.4	---	---	---	---	---
24	0.05	0.09	0.55	29	152	3.0	4.0	---	---	---	---	---
25	0.04	0.06	0.39	306	31	5.7	3.2	---	---	---	---	---
26	0.04	0.04	0.32	92	86	2.0	2.7	---	---	---	---	---
27	0.04	0.04	16	31	47	1.6	20	---	---	---	---	---
28	0.03	0.04	1.5	16	19	1.3	15	---	---	---	---	---
29	0.03	0.03	1.4	15	---	3.2	6.6	---	---	---	---	---
30	0.03	0.03	3.4	12	---	9.8	3.8	---	---	---	---	---
31	0.03	---	1.1	7.8	---	31	---	---	---	---	---	---
Total	109.87	20.12	134.36	1,794.16	767.8	604.1	755.4	---	---	---	---	---
Mean	3.54	0.67	4.33	57.9	27.4	19.5	25.2	---	---	---	---	---
Max	99	12	44	343	152	150	154	---	---	---	---	---
Min	0.00	0.02	0.03	0.25	1.7	1.3	2.7	---	---	---	---	---
Ac-ft	218	40	267	3,560	1,520	1,200	1,500	---	---	---	---	---

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