

Water-Data Report 2011

11465390 Russian River near Windsor, CA

Russian River Basin

LOCATION.--Lat 38°30'57", long 122°51'49" referenced to North American Datum of 1927, Sonoma County, CA, Hydrologic Unit 18010110, Molinos Land Grant, on left bank at Riverfront Park, 1.3 mi upstream of Porter Creek, 1.8 mi upstream of Wohler Bridge, and 3.4 mi southwest of Windsor.

DRAINAGE AREA.--1,022 mi².

SURFACE-WATER RECORDS

PERIOD OF RECORD.--June 2009 to current year (seasonal discharge).

GAGE.--Water-stage recorder and acoustic velocity meter. Datum of gage is 70 ft above NGVD of 1929, from topographic map.

REMARKS.--Records good except for estimated daily discharge on Apr. 1 and the period July 4 to Oct. 21, which are fair, and Apr. 30 to July 3, which are poor. Flow regulated by Lake Mendocino 77 mi upstream, beginning November 1958, and by Lake Sonoma 26 mi upstream, beginning October 1983. Many diversions upstream from station for irrigation of about 29,000 acres. Flow also affected by diversion into basin (see REMARKS for East Fork Russian River stations). See schematic diagram of Russian River Basin available from the California Water Science Center.

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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	215	---	---	---	---	---	e7,620	869	548	342	234	205
2	225	---	---	---	---	---	6,260	845	577	322	235	208
3	245	---	---	---	---	---	5,260	824	582	312	231	206
4	245	---	---	---	---	---	4,760	796	684	287	234	209
5	241	---	---	---	---	---	4,440	770	983	284	222	219
6	242	---	---	---	---	---	4,160	744	1,100	274	220	280
7	242	---	---	---	---	---	3,940	728	1,050	264	220	242
8	255	---	---	---	---	---	3,710	715	944	264	220	222
9	244	---	---	---	---	---	2,700	702	802	260	215	222
10	242	---	---	---	---	---	2,440	682	694	272	214	228
11	268	---	---	---	---	---	2,260	676	617	282	207	235
12	289	---	---	---	---	---	1,810	661	561	279	198	238
13	407	---	---	---	---	---	1,670	640	511	271	193	236
14	796	---	---	---	---	---	1,610	618	468	273	195	227
15	797	---	---	---	---	---	1,520	630	433	274	202	221
16	735	---	---	---	---	---	1,410	683	403	272	199	219
17	683	---	---	---	---	---	1,340	817	397	276	207	221
18	645	---	---	---	---	---	1,290	988	385	279	200	222
19	615	---	---	---	---	---	1,260	878	368	275	202	225
20	605	---	---	---	---	---	1,210	741	356	270	204	221
21	541	---	---	---	---	---	1,210	690	343	261	213	210
22	495	---	---	---	---	---	1,180	653	331	253	214	209
23	527	---	---	---	---	---	1,130	624	345	253	218	215
24	912	---	---	---	---	---	1,100	595	335	253	209	221
25	1,900	---	---	---	---	---	1,080	598	330	252	208	231
26	1,310	---	---	---	---	---	1,050	641	326	248	207	236
27	865	---	---	---	---	---	997	613	299	242	205	233
28	718	---	---	---	---	---	959	567	319	229	213	225
29	1,140	---	---	---	---	---	921	566	347	228	211	226
30	1,910	---	---	---	---	---	895	547	358	229	211	235
31	1,290	---	---	---	---	---	---	536	---	231	198	---
Total	19,844	---	---	---	---	---	71,192	21,637	15,796	8,311	6,559	6,747
Mean	640	---	---	---	---	---	2,373	698	527	268	212	225
Max	1,910	---	---	---	---	---	7,620	988	1,100	342	235	280
Min	215	---	---	---	---	---	895	536	299	228	193	205
Ac-ft	39,360	---	---	---	---	---	141,200	42,920	31,330	16,480	13,010	13,380

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