

Water-Data Report 2012

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 31.60 ft above NGVD of 1929, from levels. Prior to October 2011, published as "70 ft above NGVD of 1929, from topographic map".

REMARKS.--Records good except for estimated daily discharges, which are fair. 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.

11465390 Russian River near Windsor, CA—Continued

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2011 TO SEPTEMBER 2012
DAILY MEAN VALUES
[e, estimated]

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	243	---	---	---	---	---	7,940	796	303	194	220	233
2	248	---	---	---	---	---	5,420	764	300	205	217	232
3	259	---	---	---	---	---	3,670	728	292	202	217	239
4	277	---	---	---	---	---	2,890	696	e321	195	222	302
5	338	---	---	---	---	---	2,400	670	e344	196	222	254
6	351	---	---	---	---	---	2,020	628	e305	193	228	239
7	318	---	---	---	---	---	1,740	595	e289	187	230	235
8	301	---	---	---	---	---	1,550	563	e268	188	223	233
9	293	---	---	---	---	---	1,420	542	262	194	219	241
10	292	---	---	---	---	---	1,370	520	255	202	216	240
11	294	---	---	---	---	---	1,620	501	252	204	225	240
12	309	---	---	---	---	---	2,340	483	246	207	229	236
13	306	---	---	---	---	---	4,450	463	242	209	237	237
14	293	---	---	---	---	---	3,830	450	235	213	238	236
15	292	---	---	---	---	---	2,620	442	231	221	236	235
16	303	---	---	---	---	---	2,130	430	228	237	240	237
17	328	---	---	---	---	---	1,850	418	218	245	241	244
18	372	---	---	---	---	---	1,650	401	217	249	239	246
19	476	---	---	---	---	---	1,480	388	213	254	241	249
20	532	---	---	---	---	---	1,360	376	209	246	250	231
21	552	---	---	---	---	---	1,290	364	202	239	251	228
22	540	---	---	---	---	---	1,220	357	200	234	239	234
23	544	---	---	---	---	---	1,140	342	204	218	238	237
24	545	---	---	---	---	---	1,100	333	208	224	235	242
25	544	---	---	---	---	---	1,060	313	190	232	228	241
26	555	---	---	---	---	---	1,020	293	174	229	235	240
27	549	---	---	---	---	---	977	311	166	220	235	233
28	549	---	---	---	---	---	925	326	185	219	232	219
29	552	---	---	---	---	---	872	319	189	222	228	226
30	555	---	---	---	---	---	833	313	188	229	225	225
31	558	---	---	---	---	---	---	303	---	226	228	---
Total	12,468	---	---	---	---	---	64,187	14,428	7,136	6,733	7,164	7,164
Mean	402	---	---	---	---	---	2,140	465	238	217	231	239
Max	558	---	---	---	---	---	7,940	796	344	254	251	302
Min	243	---	---	---	---	---	833	293	166	187	216	219
Ac-ft	24,730	---	---	---	---	---	127,300	28,620	14,150	13,350	14,210	14,210

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