

Water-Data Report 2006

12125200 SAMMAMISH RIVER NEAR WOODINVILLE, WA

Puget Sound Basin
Lake Washington Subbasin

LOCATION.--Lat 47°42'13", long 122°08'33" referenced to North American Datum of 1927, in NE ¼ NE ¼ sec.34, T.26 N., R.5 E., King County, WA, Hydrologic Unit 17110012, on left bank 4.0 mi upstream from Bear Creek, 3.7 mi southeast of Woodinville, and at mile 10.8.

DRAINAGE AREA.--159 mi², includes 1.9 mi² of Cedar River drainage from upper Rock Creek which is normally diverted into Issaquah Creek.

SURFACE-WATER RECORDS

PERIOD OF RECORD.--January 1965 to current year.

GAGE.--Water-stage recorder. Datum of gage is NGVD of 1929 (Corps of Engineers bench mark). Prior to July 7, 1970, auxiliary water-stage recorder 2 mi downstream from base gage at same datum. Prior to May 16, 2005, at site 300 ft downstream at same datum.

REMARKS.--Records fair, except for those above 1,000 ft³/s which are poor. Some regulation at Sammamish Lake. Many small diversions for irrigation and domestic use. Water temperatures August 1965 to February 1967.

AVERAGE DISCHARGE FOR PERIOD OF RECORD.--40 years (water years 1966-2005), 304 ft³/s, 25.96 in/yr, 220,100 acre-ft/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 2,870, ft³/s, Jan. 1, 1997, elevation, 26.93 ft; minimum daily discharge, 25 ft³/s, Aug. 2, 1977.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 1,770 ft³/s, Jan 30, gage height, 24.80 ft; minimum daily discharge, 73 ft³/s, Oct 12.

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DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006
DAILY MEAN VALUES

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	133	242	351	966	1,490	542	266	224	273	---	---	---
2	143	266	347	915	1,390	509	260	212	326	---	---	---
3	134	300	364	876	1,300	479	248	202	309	---	---	---
4	109	326	346	831	1,310	455	253	193	369	---	---	---
5	93	360	322	922	1,180	434	241	187	343	---	---	---
6	87	470	309	1,100	1,070	411	232	179	320	---	---	---
7	93	404	295	1,060	969	414	224	179	303	---	---	---
8	88	364	278	1,050	909	470	232	177	289	---	---	---
9	82	328	262	1,100	834	483	266	171	309	---	---	---
10	76	307	248	1,440	768	450	255	164	295	---	---	---
11	75	312	238	1,560	712	428	242	159	292	---	---	---
12	73	308	230	1,520	662	404	236	155	277	---	---	---
13	77	349	226	1,570	661	385	234	146	300	---	---	---
14	77	388	218	1,600	646	368	269	139	285	---	---	---
15	111	368	211	1,590	609	355	277	136	267	---	---	---
16	115	348	201	1,520	574	353	294	132	266	---	---	---
17	102	331	193	1,580	543	348	287	127	254	---	---	---
18	90	317	180	1,480	513	344	279	123	249	---	---	---
19	88	304	184	1,380	487	330	278	117	238	---	---	---
20	81	303	214	1,330	467	321	267	119	227	---	---	---
21	76	287	319	1,250	448	308	279	115	216	---	---	---
22	74	273	460	1,160	437	313	269	123	208	---	---	---
23	78	261	503	1,080	474	306	254	133	202	---	---	---
24	84	250	751	991	487	314	242	149	195	---	---	---
25	82	329	888	920	453	308	233	148	190	---	---	---
26	87	415	922	874	431	296	224	146	186	---	---	---
27	82	370	959	823	432	281	216	202	183	---	---	---
28	104	343	922	879	560	281	214	315	176	---	---	---
29	101	355	863	905	---	270	230	326	171	---	---	---
30	89	371	874	1,600	---	259	244	301	168	---	---	---
31	150	---	1,020	1,600	---	254	---	276	---	---	---	---
Total	2,934	9,949	13,698	37,472	20,816	11,473	7,545	5,475	7,686	---	---	---
Mean	94.6	332	442	1,209	743	370	252	177	256	---	---	---
Max	150	470	1,020	1,600	1,490	542	294	326	369	---	---	---
Min	73	242	180	823	431	254	214	115	168	---	---	---
Ac-ft	5,820	19,730	27,170	74,330	41,290	22,760	14,970	10,860	15,250	---	---	---
Cfs/m	0.60	2.09	2.78	7.60	4.68	2.33	1.58	1.11	1.61	---	---	---
In.	0.69	2.33	3.20	8.77	4.87	2.68	1.77	1.28	1.80	---	---	---

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