

Water-Data Report 2011

12102075 CLARKS CREEK AT TACOMA ROAD, NEAR PUYALLUP, WA

Puget Sound Basin
Puyallup Subbasin

LOCATION.--Lat 47°11'52", long 122°20'10" referenced to North American Datum of 1927, in NE ¼ NE ¼ sec.30, T.20 N., R.4 E., Pierce County, WA, Hydrologic Unit 17110014, on right bank, upstream side of private bridge at end of Tacoma Road, 2.0 miles northwest of Puyallup, and at mile 1.6.

DRAINAGE AREA.--13 mi².

SURFACE-WATER RECORDS

PERIOD OF RECORD.--October 1992 to February 1995, October 2008 to September 2009 (discharge measurements only), March 1995 to September 2008, March to September 2011 (continuous-record gaging station).

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

REMARKS.--Records poor. Numerous agricultural, municipal, and domestic diversions upstream from station.

AVERAGE DISCHARGE FOR PERIOD OF RECORD.--13 years (water year 1996-2008), 58.1 ft³/s, 60.73 in/yr, 42,100 acre-ft/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 303 ft³/s, Nov. 07, 2006, elevation 25.10 ft; maximum elevation, 25.60 ft, Feb. 8 or 9, 1996, (backwater from Puyallup River); minimum daily discharge, 33 ft³/s, June 26-29, 1995, July 14, 19, 21, 23, 2004; July 4, 2005.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 145 ft³/s, May 15, elevation, 22.18 ft; minimum discharge, 51 ft³/s, Sept. 10-12.

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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	---	---	---	---	---	---	76	61	69	61	61	58
2	---	---	---	---	---	---	93	63	83	61	62	57
3	---	---	---	---	---	e67	69	61	66	62	60	57
4	---	---	---	---	---	65	73	61	66	61	60	56
5	---	---	---	---	---	65	78	61	65	61	60	56
6	---	---	---	---	---	61	80	62	65	61	61	55
7	---	---	---	---	---	61	69	68	66	62	60	55
8	---	---	---	---	---	62	64	67	65	63	59	55
9	---	---	---	---	---	84	62	62	65	63	60	e54
10	---	---	---	---	---	110	62	62	65	64	60	53
11	---	---	---	---	---	75	64	69	63	63	60	53
12	---	---	---	---	---	71	61	66	63	66	60	53
13	---	---	---	---	---	72	63	62	63	66	60	55
14	---	---	---	---	---	76	66	67	62	64	61	55
15	---	---	---	---	---	74	64	125	63	62	59	56
16	---	---	---	---	---	74	61	80	63	66	60	55
17	---	---	---	---	---	65	60	70	61	64	58	55
18	---	---	---	---	---	69	61	65	67	64	59	60
19	---	---	---	---	---	69	59	63	65	66	59	56
20	---	---	---	---	---	62	59	63	62	66	59	55
21	---	---	---	---	---	62	59	63	62	67	58	56
22	---	---	---	---	---	60	58	64	62	67	58	56
23	---	---	---	---	---	59	58	62	62	66	60	56
24	---	---	---	---	---	59	59	62	62	64	58	55
25	---	---	---	---	---	68	67	64	62	65	59	58
26	---	---	---	---	---	68	62	65	60	66	58	59
27	---	---	---	---	---	66	69	70	61	66	58	57
28	---	---	---	---	---	61	74	66	62	e65	58	57
29	---	---	---	---	---	62	63	65	62	64	58	56
30	---	---	---	---	---	75	61	64	61	62	58	56
31	---	---	---	---	---	78	---	65	---	62	58	---
Total	---	---	---	---	---	---	1,974	2,068	1,923	1,980	1,839	1,675
Mean	---	---	---	---	---	---	65.8	66.7	64.1	63.9	59.3	55.8
Max	---	---	---	---	---	---	93	125	83	67	62	60
Min	---	---	---	---	---	---	58	61	60	61	58	53
Ac-ft	---	---	---	---	---	---	3,920	4,100	3,810	3,930	3,650	3,320
Cfsm	---	---	---	---	---	---	5.06	5.13	4.93	4.91	4.56	4.29
In.	---	---	---	---	---	---	5.65	5.92	5.50	5.67	5.26	4.79

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