

Water-Data Report 2007

12158032 EAST BRANCH TULALIP CREEK NEAR MOUTH, NEAR TULALIP, WA

Puget Sound Basin
Puget Sound Subbasin

LOCATION.--Lat 48°05'42", long 122°16'37" referenced to North American Datum of 1927, in SW ¼ SE ¼ sec.10, T.30 N., R.4 E., Snohomish County, WA, Hydrologic Unit 17110019, Tulalip Indian Reservation, on right bank 200 ft from gate, 1.9 mi north of Tulalip and 0.7 mi above mouth. Prior to Feb. 13, 2006, at site 0.1 mi downstream.

DRAINAGE AREA.--1.66 mi², Prior to Feb. 13, 2006, 1.75 mi².

SURFACE-WATER RECORDS

PERIOD OF RECORD.--September 1960, October 1974 to August 1977 and November 2000 to May 2002 (discharge measurements). May 2002 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 170 ft above NGVD of 1929, from topographic map. Prior to Feb. 13, 2006 at site 0.1 mi downstream at datum 90.26 ft above NGVD of 1929, from precision Global Positioning System (GPS).

REMARKS.--Records fair except estimated daily discharges, which are poor. Some natural regulation from beaver ponds.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 30.0 ft³/s, Dec. 25, 2006, gage height, 1.04 ft. Maximum gage height, 39.96 ft, Jan. 4, 2003 and Nov. 2, 2004, site and datum then in use; minimum daily discharge, 0.90 ft³/s, Nov. 13, 2003.

REVISIONS.--Maximum gage heights published for the 2002, 2003, 2004, and 2005 water years are incorrect. A -100.00 ft correction must be applied to obtain the correct maximum gage heights.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 30 ft³/s, Dec. 25, gage height, 1.04 ft; minimum discharge, 1.1 ft³/s, May 11, Sept. 16, gage height, 0.39 ft.

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DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007
DAILY MEAN VALUES
[*e*, estimated]

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	1.7	1.9	2.1	e3.3	e2.4	2.6	2.3	2.4	2.1	e1.9	1.6	1.7
2	1.7	2.3	2.0	e3.5	e2.4	2.6	2.9	2.3	2.0	e1.9	1.6	1.6
3	1.7	2.4	1.8	e4.0	e2.4	3.0	3.8	2.2	2.1	e1.8	1.7	1.6
4	1.7	3.2	2.0	e4.3	e2.6	2.6	2.8	2.2	2.1	e1.8	1.6	1.8
5	1.6	2.9	2.0	e4.1	e2.5	2.6	2.6	2.2	2.1	e1.8	1.6	1.7
6	1.7	4.1	1.9	e4.3	e2.5	2.6	2.4	2.2	2.1	e1.7	1.6	1.6
7	1.6	4.0	1.8	e4.5	e2.7	2.6	2.1	2.2	2.1	e1.7	1.7	1.6
8	1.7	2.9	1.8	e4.8	e2.8	2.5	2.1	2.2	2.1	e1.6	1.7	1.6
9	1.6	2.3	1.9	e4.2	e2.6	2.5	4.0	2.2	2.3	e1.6	1.6	1.6
10	1.6	3.2	1.8	e4.0	e2.6	3.4	3.3	2.3	e2.3	e1.5	1.6	1.6
11	1.6	2.2	2.3	e3.5	e2.6	3.7	3.0	2.1	e2.1	e1.5	1.6	1.6
12	1.6	2.1	2.1	e2.8	e2.5	2.7	3.0	2.2	e2.1	e1.5	1.7	1.6
13	1.6	3.0	1.8	e2.6	e2.4	2.5	3.0	2.2	e2.0	e1.6	1.7	1.6
14	1.6	1.8	2.9	e2.5	e2.6	2.5	3.0	2.2	e2.2	e1.5	1.6	1.6
15	2.1	2.8	2.8	e2.5	2.4	2.4	3.4	2.2	e2.4	e1.5	1.6	1.6
16	2.7	2.3	2.0	e2.5	2.2	2.5	4.5	2.2	e2.4	e1.4	1.6	1.7
17	1.8	1.8	1.9	e2.4	2.2	2.7	2.8	2.2	e2.5	e1.6	1.6	1.7
18	1.9	1.7	1.8	e2.9	2.5	2.6	2.5	2.2	e2.5	1.8	1.6	1.9
19	2.7	1.8	e1.8	e3.7	2.3	2.5	2.6	2.2	e2.3	1.7	1.7	1.9
20	1.8	1.8	e1.7	e3.5	2.5	2.7	2.5	2.5	e2.2	1.8	1.8	1.7
21	1.7	2.5	e2.0	e3.1	2.3	2.5	2.4	2.8	e2.1	1.7	1.7	1.6
22	1.7	2.0	e3.0	e3.0	2.4	2.7	2.7	2.3	e2.1	1.8	1.7	1.6
23	1.7	1.8	e2.5	e3.0	2.3	3.3	2.5	2.2	e2.1	1.7	1.7	1.6
24	1.8	1.6	e5.0	e3.0	2.4	5.2	2.3	2.2	e2.0	1.6	1.7	1.6
25	1.8	1.7	e15	e2.9	2.4	4.4	2.3	2.2	e2.2	1.6	1.7	1.6
26	1.7	2.1	e10	e2.8	2.3	3.9	2.3	2.1	e2.0	1.6	1.9	1.6
27	1.7	2.1	e18	e2.7	2.3	3.0	2.3	2.2	e2.0	1.6	1.7	1.8
28	1.7	1.8	e12	e2.6	2.5	2.5	2.3	2.1	e2.0	1.6	1.6	2.0
29	2.1	1.7	e7.0	e2.5	---	2.3	2.2	2.1	e2.1	1.6	1.6	1.7
30	2.0	1.8	e6.0	e2.4	---	2.3	2.3	2.1	e2.0	1.6	1.6	1.9
31	1.9	---	e5.0	e2.4	---	2.4	---	2.1	---	1.6	1.7	---
Total	55.8	69.6	125.7	100.3	68.6	88.3	82.2	69.0	64.6	51.2	51.4	50.3
Mean	1.80	2.32	4.05	3.24	2.45	2.85	2.74	2.23	2.15	1.65	1.66	1.68
Max	2.7	4.1	18	4.8	2.8	5.2	4.5	2.8	2.5	1.9	1.9	2.0
Min	1.6	1.6	1.7	2.4	2.2	2.3	2.1	2.1	2.0	1.4	1.6	1.6
Ac-ft	111	138	249	199	136	175	163	137	128	102	102	100
Cfsm	1.08	1.40	2.44	1.95	1.48	1.72	1.65	1.34	1.30	0.99	1.00	1.01
In.	1.25	1.56	2.82	2.25	1.54	1.98	1.84	1.55	1.45	1.15	1.15	1.13

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