

## TULALIP AND MISSION CREEK BASINS

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12157250 MISSION CREEK NEAR TULALIP, WA

LOCATION.--Lat 48°03'33", long 122°15'56", in SW 1/4 NW 1/4 sec.26, T.30 N., R.4 E., Snohomish County, Hydrologic Unit 17110019, on left bank 200 ft upstream from highway crossing, 0.25 mi above mouth, and 0.9 mi east of Tulalip.

DRAINAGE AREA.--7.92 mi<sup>2</sup>.

PERIOD OF RECORD.--October 1974 to September 1977, November 2000 to September 2001.

GAGE.--Water-stage recorder and crest-stage gage. Elevation of gage is 60 ft, from topographic map. Oct. 1974 to Sept. 1977, water-stage recorder, at site downstream from highway crossing, at different datum.

REMARKS.--Records fair. Some natural regulation in lakes and beaver ponds. Chemical analysis Nov. 1974 to March 1977, water temperatures Oct. 1974 to March 1977.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 85 ft<sup>3</sup>/s Jan. 19, 1977, gage height, 4.11 ft, from rating curve extended above 20 ft<sup>3</sup>/s datum then in use, probably result of release of water from beaver ponds; minimum, 0.12 ft<sup>3</sup>/s June 29, 1977, probably result of beaver activity upstream.

EXTREMES FOR PERIOD NOVEMBER TO SEPTEMBER.--Maximum discharge, 45 ft<sup>3</sup>/s June 12; gage height 57.14 ft; minimum discharge, 0.94 ft<sup>3</sup>/s, Aug. 12.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001  
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	3.3	5.6	5.5	4.7	5.2	6.0	2.6	2.5	2.0	1.4
2	---	---	3.6	4.9	5.5	11	4.8	6.3	6.0	2.0	1.8	1.5
3	---	---	3.5	5.3	5.3	8.4	4.6	5.5	8.9	1.8	1.9	1.5
4	---	---	3.1	10	6.7	6.7	4.5	4.8	5.7	1.8	2.1	1.4
5	---	---	2.9	9.2	8.3	5.5	4.3	4.9	4.5	1.7	1.7	1.4
6	---	---	2.9	9.3	7.4	4.7	6.5	4.4	3.6	1.6	1.5	1.5
7	---	---	2.8	7.2	6.1	4.3	11	3.8	3.0	1.5	1.5	1.9
8	---	---	3.0	6.0	6.0	6.0	9.2	3.3	2.7	1.5	1.4	1.6
9	---	---	4.3	5.4	6.9	8.1	7.0	3.1	2.6	1.4	1.3	1.5
10	---	---	4.2	5.0	6.4	6.6	8.3	3.0	2.4	1.3	1.7	1.3
11	---	---	3.5	4.6	5.9	5.7	10	3.1	8.4	1.3	1.4	1.4
12	---	---	3.1	4.2	5.2	5.4	8.6	2.9	31	1.3	1.2	1.3
13	---	e3.3	2.9	4.5	4.8	6.4	13	3.1	18	1.3	1.1	1.2
14	---	3.4	3.0	5.6	4.6	7.3	9.9	3.6	8.8	1.5	1.1	1.3
15	---	3.2	3.8	6.0	5.0	9.7	7.7	9.0	5.6	1.5	1.1	1.3
16	---	3.1	4.3	5.1	6.5	13	6.8	9.8	4.4	2.3	1.2	1.3
17	---	2.9	5.4	4.5	7.6	9.4	8.6	6.6	3.5	2.7	1.3	1.3
18	---	2.9	4.6	5.5	8.5	9.6	7.8	4.7	3.0	2.6	1.3	1.4
19	---	2.9	4.3	7.0	8.2	11	6.4	4.0	2.8	2.1	1.3	1.5
20	---	3.0	3.9	5.9	6.6	9.0	5.6	3.5	2.6	1.7	1.2	1.4
21	---	3.0	3.9	9.3	5.7	6.8	5.1	3.3	2.4	1.6	1.4	1.5
22	---	2.9	4.4	11	5.2	5.9	5.1	3.0	2.3	1.5	3.3	1.5
23	---	2.9	5.2	7.9	4.7	5.4	5.0	2.8	2.2	1.6	6.9	1.5
24	---	3.0	8.3	6.9	5.6	5.1	4.8	2.6	2.3	1.5	5.1	1.4
25	---	3.2	8.1	6.3	5.1	5.4	4.4	2.4	3.3	1.5	3.0	1.5
26	---	3.2	6.6	5.7	4.3	5.3	4.1	2.3	3.0	1.4	2.3	2.5
27	---	5.3	5.5	5.1	4.1	4.9	3.9	2.3	3.3	1.4	1.8	3.9
28	---	4.7	4.8	4.9	3.9	5.4	3.9	2.1	6.1	5.7	1.6	3.0
29	---	3.8	4.2	5.6	---	5.4	5.1	2.0	4.9	5.5	1.5	2.3
30	---	3.6	4.2	5.9	---	5.2	5.9	2.1	3.2	3.6	1.5	1.9
31	---	---	5.1	5.8	---	5.2	---	2.3	---	2.6	1.4	---
TOTAL	---	60.3	132.7	195.2	165.6	212.5	197.1	122.6	163.1	63.3	58.9	49.4
MEAN	---	3.35	4.28	6.30	5.91	6.85	6.57	3.95	5.44	2.04	1.90	1.65
MAX	---	5.3	8.3	11	8.5	13	13	9.8	31	5.7	6.9	3.9
MIN	---	2.9	2.8	4.2	3.9	4.3	3.9	2.0	2.2	1.3	1.1	1.2
AC-FT	---	120	263	387	328	421	391	243	324	126	117	98
CFSM	---	.42	.54	.80	.75	.87	.83	.50	.69	.26	.24	.21
IN.	---	.28	.62	.92	.78	1.00	.93	.58	.77	.30	.28	.23

e Estimated