

WHATCOM CREEK BASIN

1

12202450 SILVER BEACH CREEK AT MAYNARD PLACE AT BELLINGHAM, WA

LOCATION.--Lat 48°46'10", long 122°24'19", in SW 1/4 NE 1/4 sec.22, T.38 N., R.3 E., Whatcom County, Hydrologic Unit 17110002, on left bank at Maynard Place subdivision, 3.5 mi east of Post Office in Bellingham and 0.1 m upstream from Lake Whatcom.

DRAINAGE AREA.--1.20 mi².

PERIOD OF RECORD.--October 2001 to September 2002.

GAGE.--Water-stage recorder. Elevation of gage is 320 ft above NGVD of 1929, from topographic map.

REMARKS.--Records poor. Probably some diversion upstream for domestic use, and other effects from urbanization.

AVERAGE DISCHARGE.--1 year (water year 2002) 1.97 ft³/s, 22.27 in/yr, 1,420 acre-ft/yr.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 5.93 ft Feb. 22, maximum discharge not determined; minimum daily discharge, 0.04 ft³/s Oct. 4-7, June 23-26.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	e0.05	0.68	4.6	1.1	4.7	4.0	1.4	0.41	0.14	0.14	0.06	0.06
2	e0.05	0.45	7.1	1.6	4.1	3.0	1.2	0.40	0.12	0.10	0.06	0.12
3	e0.05	0.36	3.3	0.90	4.5	2.3	1.2	0.41	0.11	0.09	0.06	0.10
4	e0.04	1.7	3.6	0.71	3.5	1.7	1.1	0.44	0.12	0.08	0.07	0.08
5	e0.04	1.2	4.2	0.67	3.6	1.6	1.1	0.66	0.18	0.07	0.08	0.08
6	e0.04	0.71	3.9	0.85	3.8	1.1	1.9	0.50	0.11	0.07	0.10	0.06
7	e0.04	0.50	2.6	5.0	3.1	0.99	2.2	0.40	0.09	0.28	0.06	0.06
8	e0.05	0.41	3.8	13	3.1	0.99	1.5	0.44	0.09	0.52	0.06	0.07
9	e0.06	0.36	3.4	5.7	2.4	1.2	2.0	0.50	0.08	0.22	0.05	0.08
10	e0.08	0.32	3.3	3.4	2.6	1.3	2.1	0.30	0.07	0.16	0.06	0.07
11	e0.15	0.32	2.7	2.2	2.1	3.0	1.7	0.24	0.07	0.11	0.06	0.07
12	e0.12	0.44	2.5	4.2	1.9	2.4	1.9	0.22	0.07	0.09	0.06	0.07
13	0.09	0.75	21	3.3	1.6	2.1	3.2	0.34	0.06	0.09	0.06	0.06
14	0.19	3.3	17	2.3	1.4	2.1	4.9	0.60	0.06	0.09	0.06	0.07
15	0.06	2.6	6.9	1.7	1.4	2.2	2.3	0.32	0.06	0.08	0.06	0.07
16	0.16	1.5	18	1.6	1.2	2.3	3.3	0.27	0.06	0.07	0.05	0.14
17	0.10	0.97	8.3	1.3	1.4	1.9	2.1	0.68	0.06	0.07	0.05	0.09
18	0.43	0.77	4.6	1.5	1.9	1.9	1.6	0.36	0.12	0.07	0.05	0.08
19	0.25	1.5	4.1	4.1	1.6	3.0	1.4	0.32	0.08	0.07	0.05	0.07
20	0.12	2.7	2.8	3.3	1.3	2.7	1.3	0.62	0.06	0.07	0.05	0.07
21	0.23	1.8	2.0	2.1	14	2.6	1.2	0.38	0.06	0.07	0.05	0.06
22	0.57	3.5	1.6	1.9	68	2.9	0.97	0.32	0.05	0.06	0.05	0.06
23	0.23	5.3	1.2	2.1	60	2.6	0.86	0.27	0.04	0.06	0.05	0.06
24	0.47	2.7	0.99	4.5	27	2.1	0.78	0.24	0.04	0.06	0.05	0.06
25	1.0	2.0	0.86	22	17	1.9	0.73	0.26	0.04	0.06	0.05	0.06
26	1.2	1.7	0.75	8.3	12	1.8	0.95	0.25	0.04	0.07	0.05	0.06
27	2.3	1.7	0.69	4.9	8.5	1.9	0.85	0.23	0.05	0.07	0.06	0.06
28	0.68	3.3	0.71	3.6	5.4	2.0	0.67	0.24	0.49	0.07	0.06	0.06
29	0.43	5.1	0.60	2.8	---	1.7	0.62	0.22	0.43	0.07	0.06	0.13
30	0.41	3.6	0.51	3.2	---	1.6	0.52	0.22	0.20	0.07	0.06	0.19
31	1.2	---	0.87	5.9	---	1.5	---	0.16	---	0.06	0.06	---
TOTAL	10.89	52.24	138.48	119.73	263.1	64.38	47.55	11.22	3.25	3.26	1.81	2.37
MEAN	0.35	1.74	4.47	3.86	9.40	2.08	1.58	0.36	0.11	0.11	0.058	0.079
MAX	2.3	5.3	21	22	68	4.0	4.9	0.68	0.49	0.52	0.10	0.19
MIN	0.04	0.32	0.51	0.67	1.2	0.99	0.52	0.16	0.04	0.06	0.05	0.06
AC-FT	22	104	275	237	522	128	94	22	6.4	6.5	3.6	4.7
CFSM	0.29	1.45	3.72	3.22	7.83	1.73	1.32	0.30	0.09	0.09	0.05	0.07
IN.	0.34	1.62	4.29	3.71	8.16	2.00	1.47	0.35	0.10	0.10	0.06	0.07

WTR YR 2002 TOTAL 718.28 MEAN 1.97 MAX 68 MIN 0.04 AC-FT 1420 CFSM 1.64 IN. 22.27

e Estimated