

WHATCOM CREEK BASIN

12202400 EUCLID CREEK AT EUCLID AVENUE AT BELLINGHAM, WA

LOCATION.--Lat 48°44'56", long 122°24'29", in SW 1/4 SW 1/4 sec.27, T.38 N., R.3 E., Whatcom County, Hydrologic Unit 17110002, on left bank 50 ft upstream from Euclid Avenue, 3.2 mi east of the City of Bellingham, and 320 ft upstream from mouth at Lake Whatcom.

DRAINAGE AREA.--0.54 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 fair except those for the period October 1 to Dec. 14, those above 30 ft³/s, those below 0.3 ft³/s, and estimated discharges, which are poor. Natural flow may be affected by upstream urbanization.

AVERAGE DISCHARGE.--1 year (water year 2002) 0.61 ft³/s, 15.31 in/yr, 441 acre-ft/yr.

EXTREMES FOR CURRENT YEAR.--Maximum gage height 4.86 feet Dec. 14, discharge not determined; minimum discharge, no flow many days during year.

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	e0.02	0.46	1.5	0.35	1.4	0.45	0.55	e0.16	e0.09	0.00	0.00	0.00
2	e0.02	0.31	3.2	0.47	1.4	0.38	0.46	e0.16	e0.09	0.00	0.00	0.00
3	e0.02	e0.25	1.6	0.38	1.9	0.34	0.41	e0.15	e0.08	0.00	0.00	0.00
4	e0.02	0.53	1.7	0.33	1.6	0.32	0.36	e0.16	e0.08	0.00	0.00	0.00
5	e0.02	0.44	1.9	0.34	1.4	0.31	0.34	e0.24	e0.08	0.00	0.00	0.00
6	e0.02	0.34	2.3	0.39	1.6	e0.26	0.50	e0.19	e0.05	0.00	0.00	0.00
7	e0.02	e0.29	1.7	0.92	1.4	e0.25	0.55	e0.17	e0.05	0.00	0.00	0.00
8	e0.02	e0.26	1.7	2.4	1.2	e0.24	0.41	e0.15	e0.05	e0.11	0.00	0.00
9	e0.02	e0.29	1.5	1.5	0.97	e0.26	0.86	e0.14	e0.05	e0.04	0.00	0.00
10	e0.02	e0.21	1.3	1.1	0.90	e0.29	1.1	e0.13	e0.04	0.00	0.00	0.00
11	e0.02	e0.22	0.99	0.79	0.73	0.86	0.81	e0.12	e0.04	0.00	0.00	0.00
12	e0.04	0.32	1.4	1.1	0.64	0.84	0.74	e0.12	e0.03	0.00	0.00	0.00
13	e0.04	0.59	11	0.91	0.58	1.0	1.1	e0.16	e0.03	0.00	0.00	0.00
14	e0.04	2.2	15	0.72	0.52	1.2	2.0	e0.20	e0.03	0.00	0.00	0.00
15	e0.02	1.5	3.2	0.57	0.47	1.2	1.3	e0.14	e0.03	0.00	0.00	0.00
16	e0.05	e0.78	7.2	0.49	0.41	1.2	1.5	e0.13	e0.03	0.00	0.00	0.00
17	e0.03	e0.46	3.3	0.42	0.42	0.87	1.0	e0.22	e0.03	0.00	0.00	0.00
18	e0.17	e0.35	1.9	0.41	0.45	0.80	0.78	e0.14	e0.07	0.00	0.00	0.00
19	0.07	e0.75	1.6	0.77	0.43	1.3	0.65	e0.13	e0.05	0.00	0.00	0.00
20	e0.03	e1.6	1.2	1.1	0.36	1.4	0.54	e0.18	e0.04	0.00	0.00	0.00
21	e0.11	e1.0	0.89	1.0	2.4	1.1	0.46	e0.14	e0.04	0.00	0.00	0.00
22	e0.24	e0.75	0.70	0.93	5.8	1.1	0.41	e0.12	e0.03	0.00	0.00	0.00
23	e0.08	e3.0	0.56	0.92	4.7	1.1	0.34	e0.11	e0.03	0.00	0.00	0.00
24	e0.21	e1.8	0.47	1.8	1.9	0.94	e0.30	e0.10	e0.03	0.00	0.00	0.00
25	0.30	e1.0	0.41	6.4	1.1	0.80	e0.27	e0.11	e0.03	0.00	0.00	0.00
26	0.62	e0.76	0.36	2.9	0.84	0.70	e0.29	e0.11	e0.03	0.00	0.00	0.00
27	1.5	e0.67	0.32	1.8	0.66	0.84	e0.26	e0.10	e0.03	0.00	0.00	0.00
28	0.52	e0.95	0.30	1.3	0.54	1.1	e0.22	e0.11	e0.16	0.00	0.00	0.00
29	e0.27	1.8	e0.26	0.96	---	0.84	e0.20	e0.11	e0.10	0.00	0.00	0.00
30	e0.23	1.5	e0.24	0.93	---	0.69	e0.18	e0.11	e0.04	0.00	0.00	0.00
31	0.88	---	0.31	1.4	---	0.60	---	e0.10	---	0.00	0.00	---
TOTAL	5.67	25.38	70.01	35.80	36.72	23.58	18.89	4.41	1.56	0.15	0.00	0.00
MEAN	0.18	0.85	2.26	1.15	1.31	0.76	0.63	0.14	0.052	0.005	0.000	0.000
MAX	1.5	3.0	15	6.4	5.8	1.4	2.0	0.24	0.16	0.11	0.00	0.00
MIN	0.02	0.21	0.24	0.33	0.36	0.24	0.18	0.10	0.03	0.00	0.00	0.00
AC-FT	11	50	139	71	73	47	37	8.7	3.1	0.3	0.00	0.00
CFSM	0.34	1.57	4.18	2.14	2.43	1.41	1.17	0.26	0.10	0.01	0.00	0.00
IN.	0.39	1.75	4.82	2.47	2.53	1.62	1.30	0.30	0.11	0.01	0.00	0.00

WTR YR 2002 TOTAL 222.17 MEAN 0.61 MAX 15 MIN 0.00 AC-FT 441 CFSM 1.13 IN. 15.31

e Estimated