



Water-Data Report 2006

12202400 EUCLID CREEK AT EUCLID AVENUE, AT BELLINGHAM, WA

Puget Sound Basin
Strait of Georgia Subbasin

LOCATION.--Lat 48°44'56", long 122°24'29" referenced to North American Datum of 1927, in SW ¼ SW ¼ sec.27, T.38 N., R.3 E., Whatcom County, WA, 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.

SURFACE-WATER RECORDS

PERIOD OF RECORD.--October 2001 to current year.

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

REMARKS.--Records fair, except estimated discharges and those above 30 ft³/s, which are poor. Natural flow may be affected by upstream urbanization.

AVERAGE DISCHARGE FOR PERIOD OF RECORD.--5 years (water year 2002-06) 0.52 ft³/s, 13.00 in/yr, 374 acre-ft/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum recorded discharge, 50 ft³/s, Nov. 2, 2004; gage height, 4.90 ft, but may have been higher during period of estimated record Nov. 22 to Dec. 15, 2004; minimum discharge, no flow many days each year.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 18 ft³/s, Feb 5, gage height, 4.50 ft; minimum discharge, no flow, on many days.

Water-Data Report 2006

12202400 EUCLID CREEK AT EUCLID AVENUE, AT BELLINGHAM, WA—Continued

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006
DAILY MEAN VALUES
[*e*, estimated]

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	0.02	1.8	0.73	2.2	2.2	0.71	0.55	0.21	0.16	0.05	0.05	0.00
2	0.03	0.72	0.56	1.5	1.6	0.73	0.39	0.17	0.16	0.05	0.04	0.00
3	0.03	0.56	0.42	1.2	0.96	0.61	0.35	0.16	0.11	0.05	0.05	0.00
4	0.03	1.3	0.34	0.86	5.0	0.55	0.33	0.15	0.24	0.05	0.05	0.00
5	0.02	1.4	0.42	1.3	8.4	0.51	0.31	0.13	0.28	0.05	0.04	0.00
6	0.13	2.3	e0.40	2.0	3.5	0.45	0.27	0.13	0.18	0.05	0.04	0.00
7	0.06	1.2	e0.35	2.2	2.0	0.46	0.27	0.20	0.14	0.05	0.04	0.00
8	0.02	0.86	e0.29	2.0	1.5	0.77	0.27	0.13	0.26	0.05	0.05	0.00
9	0.01	0.60	e0.25	3.9	1.1	0.89	0.38	0.12	0.21	0.05	0.07	0.05
10	0.04	0.64	e0.22	8.6	0.81	1.1	0.29	0.10	0.17	0.05	0.14	0.00
11	0.02	0.68	e0.20	4.7	0.64	0.90	0.22	0.10	0.15	0.06	0.06	0.00
12	0.03	0.62	e0.19	3.5	0.53	0.72	0.20	0.09	0.13	0.10	0.06	0.00
13	0.03	0.93	e0.17	3.3	0.55	0.64	0.38	0.08	0.15	0.07	0.06	0.00
14	0.04	0.65	e0.15	2.2	0.43	0.72	1.8	0.08	0.14	0.06	0.06	0.00
15	0.09	0.48	e0.14	1.3	0.36	0.64	1.9	0.08	0.12	0.06	0.05	0.00
16	0.10	0.41	0.12	1.7	0.31	0.62	2.2	0.07	0.11	0.05	0.06	0.00
17	0.53	0.31	0.10	2.4	0.26	0.55	1.2	0.06	0.09	0.06	0.05	0.00
18	0.12	0.23	0.09	1.1	0.23	0.49	0.71	0.06	0.09	0.05	0.03	0.02
19	0.11	0.19	0.11	0.80	0.21	0.44	0.49	0.06	0.08	0.05	0.02	0.30
20	0.07	0.18	0.23	1.6	0.21	0.41	0.39	0.07	0.07	0.05	0.01	0.01
21	0.05	0.19	0.26	0.79	0.21	0.41	1.1	0.07	0.07	0.05	0.00	e0.00
22	0.04	0.18	0.85	0.50	0.31	0.35	0.56	0.16	0.07	0.05	0.00	e0.00
23	0.10	0.17	0.97	0.37	2.3	0.33	0.40	0.12	0.06	0.05	0.00	e0.00
24	0.07	0.20	1.4	0.26	1.3	0.42	0.32	0.15	0.06	0.04	0.00	e0.00
25	0.08	1.5	5.9	0.22	0.94	0.33	0.26	0.14	0.06	0.04	0.00	e0.00
26	0.09	1.7	4.0	0.74	1.0	0.30	0.24	0.12	0.06	0.04	0.00	e0.00
27	0.08	1.0	2.7	0.52	0.96	0.29	0.23	0.11	0.05	0.04	0.00	e0.00
28	0.11	0.72	2.7	0.57	0.86	0.41	0.20	0.17	0.05	0.04	0.00	e0.00
29	0.18	0.84	1.8	1.8	---	0.32	0.39	0.12	0.05	0.05	0.00	e0.00
30	0.18	0.84	1.5	7.2	---	0.29	0.24	0.10	0.05	0.05	0.01	e0.00
31	1.2	---	2.6	2.1	---	0.27	---	0.10	---	0.05	0.00	---
Total	3.71	23.40	30.16	63.43	38.68	16.63	16.84	3.61	3.62	1.61	1.04	0.38
Mean	0.12	0.78	0.97	2.05	1.38	0.54	0.56	0.12	0.12	0.05	0.03	0.01
Max	1.2	2.3	5.9	8.6	8.4	1.1	2.2	0.21	0.28	0.10	0.14	0.30
Min	0.01	0.17	0.09	0.22	0.21	0.27	0.20	0.06	0.05	0.04	0.00	0.00
Ac-ft	7.4	46	60	126	77	33	33	7.2	7.2	3.2	2.1	0.8
Cfsm	0.22	1.44	1.80	3.79	2.56	0.99	1.04	0.22	0.22	0.10	0.06	0.02
In.	0.26	1.61	2.08	4.37	2.66	1.15	1.16	0.25	0.25	0.11	0.07	0.03

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 2002 - 2006, BY WATER YEAR (WY)

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Mean	0.32	1.33	1.06	1.24	0.92	0.65	0.52	0.08	0.05	0.02	0.02	0.03
Max	0.77	3.84	2.26	2.05	1.38	0.85	0.85	0.14	0.12	0.05	0.05	0.14
(WY)	(2004)	(2005)	(2002)	(2006)	(2006)	(2005)	(2005)	(2002)	(2006)	(2006)	(2004)	(2004)
Min	0.02	0.17	0.37	0.70	0.37	0.51	0.10	0.02	0.01	0.00	0.00	0.00
(WY)	(2003)	(2003)	(2003)	(2004)	(2004)	(2003)	(2004)	(2005)	(2003)	(2004)	(2002)	(2002)

12202400 EUCLID CREEK AT EUCLID AVENUE, AT BELLINGHAM, WA—Continued**SUMMARY STATISTICS**

	Calendar Year 2005	Water Year 2006	Water Years 2002 - 2006	
Annual total	182.87	203.11		
Annual mean	0.50	0.56	0.52	
Highest annual mean			0.79	2005
Lowest annual mean			0.26	2003
Highest daily mean	9.4	Jan 18	8.6	Jan 10
Lowest daily mean	0.00	Jun 20	0.00	Aug 21
Annual seven-day minimum	0.00	Jul 25	0.00	Aug 21
Maximum peak flow			61	Dec 14, 2001
Maximum peak stage			4.86	Dec 14, 2001
Annual runoff (ac-ft)	363	403	374	
Annual runoff (cfs-m)	0.928	1.03	0.957	
Annual runoff (inches)	12.60	13.99	13.00	
10 percent exceeds	1.3	1.5	1.2	
50 percent exceeds	0.11	0.18	0.15	
90 percent exceeds	0.00	0.01	0.00	

