

12201500 SAMISH RIVER NEAR BURLINGTON, WA

LOCATION.--Lat 48°32'46", long 122°20'13", in SE¹/₄SE¹/₄, sec.6, T.35 N., R.4 E., Skagit County, Hydrologic Unit 17110004, on left bank, 0.5 mi downstream from Friday Creek, 300 ft downstream from bridge on U.S. Highway 99, 5.0 mi north of Burlington, and at mile 10.3.

DRAINAGE AREA.--87.8 mi².

PERIOD OF RECORD.--July 1943 to September 1971, annual maximum water years 1972-79, miscellaneous discharge measurements 1972-74, 1976-96, October 1996 to current year.

REVISED RECORDS.--WSP 1216: Drainage area. WSP 1286: 1944(M), 1945.

GAGE.--Water-stage recorder. Elevation of gage is 45 ft above NGVD of 1929, from topographic map. Prior to Dec. 1, 1948, at site 500 ft upstream at datum 0.75 ft higher. Dec. 1, 1948, to Jan. 7, 1949, nonrecording gage 200 ft upstream at datum 3.14 ft higher than present datum.

REMARKS.--Records good. State fish hatchery on Friday Creek diverts about 4 ft³/s, which is returned upstream from station. Slight regulation and there may be some pumping for irrigation. Chemical analyses 1959-70, 1973-74, 1977 to June 1980. Water temperatures March 1973 to April 1974.

AVERAGE DISCHARGE.--36 years (water years 1944-71, 1997-2004), 245 ft³/s, 37.90 in/yr, 177,400 acre-ft/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 5,830 ft³/s, Dec. 28, 1949, gage height, 11.89 ft; maximum gage height, 12.07 ft, Nov. 19, 2003; minimum discharge, 11 ft³/s, July 10, 1951.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 1,100 ft³/s and maximum (*):

Date	Time	Discharge (ft ³ /s)	Gage height (ft)	Date	Time	Discharge (ft ³ /s)	Gage height (ft)
Oct 21	1400	1,240	7.74	Nov 29	0200	1,470	8.60
Nov 11	0100	1,320	7.88	Jan 29	0900	1,550	8.44
Nov 19	0800	*4,050	*12.07	Aug 25	0200	1,160	7.70

Minimum discharge, 13 ft³/s, Oct. 2, gage height, 4.09 ft.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	17	208	562	198	866	200	289	81	160	47	28	76
2	17	175	454	182	698	183	256	77	135	47	28	79
3	18	150	465	173	591	213	232	74	116	48	27	70
4	19	132	386	143	629	470	212	76	103	46	27	64
5	20	119	346	132	543	490	173	80	108	45	27	61
6	21	108	466	134	477	434	161	74	402	48	29	57
7	37	101	422	218	489	651	151	72	292	50	31	55
8	29	95	380	356	433	727	142	71	211	45	29	49
9	27	89	325	381	386	642	134	67	165	44	27	61
10	26	335	288	521	350	518	129	70	150	43	25	61
11	26	890	258	452	321	423	128	72	146	42	24	233
12	34	451	255	368	295	363	126	66	129	41	24	176
13	141	294	262	359	276	317	117	63	155	38	24	133
14	68	223	311	362	289	305	113	60	159	38	23	128
15	60	198	293	517	326	283	117	58	136	39	23	155
16	92	281	263	482	336	270	123	57	119	38	23	198
17	612	963	245	372	318	283	117	56	107	37	22	332
18	488	2,460	222	315	322	327	110	55	97	36	22	294
19	298	3,590	207	286	331	313	106	53	91	36	22	237
20	505	1,830	208	253	304	276	107	51	84	34	21	192
21	1,110	944	206	225	278	252	103	51	78	35	30	148
22	802	659	187	206	255	236	99	99	73	34	98	125
23	604	537	174	255	238	222	97	88	69	33	47	148
24	381	511	170	308	227	369	95	72	66	31	116	128
25	272	496	338	309	214	374	91	66	65	30	711	114
26	211	500	326	420	207	427	89	126	62	31	433	103
27	176	452	296	816	232	391	90	159	58	30	220	95
28	645	682	355	949	216	355	93	486	58	30	148	89
29	603	1,260	284	1,390	218	314	87	302	53	30	133	84
30	365	801	233	1,310	---	324	83	243	50	28	97	80
31	259	---	212	1,000	---	333	---	201	---	27	77	---
TOTAL	7,983	19,534	9,399	13,392	10,665	11,285	3,970	3,226	3,697	1,181	2,616	3,825
MEAN	258	651	303	432	368	364	132	104	123	38.1	84.4	128
MAX	1,110	3,590	562	1,390	866	727	289	486	402	50	711	332
MIN	17	89	170	132	207	183	83	51	50	27	21	49
AC-FT	15,830	38,750	18,640	26,560	21,150	22,380	7,870	6,400	7,330	2,340	5,190	7,590
CFSM	2.93	7.42	3.45	4.92	4.19	4.15	1.51	1.19	1.40	0.43	0.96	1.45
IN.	3.38	8.28	3.98	5.67	4.52	4.78	1.68	1.37	1.57	0.50	1.11	1.62

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1943 - 2004, BY WATER YEAR (WY)

	1943	1944	1945	1946	1947	1948	1949	1950	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	1961	1962	1963	1964	1965	1966	1967	1968	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
MEAN	146	319	452	506	457	355	283	177	108	58.5	39.1	47.5	497	651	893	992	988	698	477	328	208	156	84.4	134	25.5	30.4	89.2	203	236	173	132	84.3	41.2	23.0	18.9	17.6	146	319	452	506	457	355	283	177	108	58.5	39.1	47.5														
MAX (WY)	(1957)	(2004)	(2000)	(1971)	(1961)	(1950)	(1959)	(2000)	(2000)	(1999)	(2004)	(1959)	(1957)	(2004)	(2000)	(1971)	(1961)	(1950)	(1959)	(2000)	(2000)	(1999)	(2004)	(1959)	25.5	30.4	89.2	203	236	173	132	84.3	41.2	23.0	18.9	17.6	(1957)	(2004)	(2000)	(1971)	(1961)	(1950)	(1959)	(2000)	(2000)	(1999)	(2004)	(1959)														
MIN (WY)	(1953)	(1953)	(1953)	(1949)	(1963)	(1970)	(2004)	(1958)	(1958)	(1958)	(2003)	(2003)	(1953)	(1953)	(1953)	(1949)	(1963)	(1970)	(2004)	(1958)	(1958)	(1958)	(2003)	(2003)	25.5	30.4	89.2	203	236	173	132	84.3	41.2	23.0	18.9	17.6	(1953)	(1953)	(1953)	(1949)	(1963)	(1970)	(2004)	(1958)	(1958)	(1958)	(2003)	(2003)														

SAMISH RIVER BASIN

12201500 SAMISH RIVER NEAR BURLINGTON, WA—Continued

SUMMARY STATISTICS	FOR 2003 CALENDAR YEAR		FOR 2004 WATER YEAR		WATER YEARS 1943 - 2004	
ANNUAL TOTAL	84,547		90,773			
ANNUAL MEAN	232		248		245	
HIGHEST ANNUAL MEAN					340	1997
LOWEST ANNUAL MEAN					123	1944
HIGHEST DAILY MEAN	3,590	Nov 19	3,590	Nov 19	5,020	Dec 28, 1949
LOWEST DAILY MEAN	15	Sep 5	17	Oct 1	15	Sep 5, 2003
ANNUAL SEVEN-DAY MINIMUM	16	Aug 31	21	Oct 1	16	Aug 31, 2003
ANNUAL RUNOFF (AC-FT)	167,700		180,000		177,400	
ANNUAL RUNOFF (CFSM)	2.64		2.82		2.79	
ANNUAL RUNOFF (INCHES)	35.82		38.46		37.90	
10 PERCENT EXCEEDS	529		507		534	
50 PERCENT EXCEEDS	169		159		171	
90 PERCENT EXCEEDS	18		31		31	

12201960 BRANNIAN CREEK AT SOUTH BAY DRIVE, NEAR WICKERSHAM, WA

LOCATION.--Lat 48°40'09", long 122°16'44", in SE ¼ NW ¼ sec.27, T.37 N., R.3 E., Whatcom County, Hydrologic Unit 17110002, on right bank 200 ft downstream from South Bay Road on the southeast shore of Lake Whatcom, 11 mi southeast of Bellingham and at mile 0.3.

DRAINAGE AREA.--3.36 mi².

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

REVISED RECORD.--WDR WA-03-01: 2002.

GAGE.--Water-stage recorder. Elevation of gage is 330 ft above NGVD of 1929, from topographic map.

REMARKS.--Records good, except for discharges below 1 ft³/s and above 100 ft³/s, which are fair.

AVERAGE DISCHARGE.--3 years (water years 2002-04) 9.60 ft³/s, 38.80 in/yr, 6,950 acre-ft/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 673 ft³/s, Nov. 19, 2003, gage height, 7.38 ft; minimum discharge, no flow July 21 to Sept. 30, 2003, Oct. 1-6, 8, 2003, and July 30 to Aug. 20, 2004.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 673 ft³/s, Nov. 19, gage height, 7.38 ft; minimum discharge, no flow, Oct. 1-6, 8, and July 30 to Aug. 20.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.00	5.5	29	7.6	36	5.0	10	1.2	3.3	0.58	0.00	1.5
2	0.00	4.6	21	6.6	24	4.1	9.7	1.1	2.7	0.58	0.00	1.5
3	0.00	3.9	19	6.0	19	6.0	8.9	1.1	2.1	0.59	0.00	1.1
4	0.00	3.4	14	4.7	20	16	7.8	1.3	1.8	0.63	0.00	0.94
5	0.00	3.1	13	4.2	15	25	6.9	1.2	3.8	0.57	0.00	0.98
6	0.00	2.7	25	4.1	13	19	6.4	1.1	18	0.66	0.00	0.91
7	0.88	2.6	18	11	12	39	5.8	1.1	10	0.67	0.00	0.81
8	0.00	2.4	15	21	10	41	5.4	1.1	6.3	0.57	0.00	0.78
9	1.6	2.2	13	28	8.2	29	5.0	0.97	4.5	0.46	0.00	1.0
10	0.38	12	9.9	36	7.5	21	4.6	1.1	3.9	0.47	0.00	1.0
11	0.58	27	8.8	27	6.6	17	4.3	1.0	3.5	0.42	0.00	4.3
12	5.2	12	11	21	6.0	14	3.8	0.92	3.2	0.39	0.00	2.9
13	3.8	8.4	9.9	18	5.5	11	3.5	0.86	4.0	0.38	0.00	2.4
14	1.8	6.5	14	17	7.0	11	3.4	0.81	3.6	0.35	0.00	2.3
15	1.9	6.8	13	26	9.5	9.1	3.2	0.79	2.8	0.34	0.00	4.1
16	11	30	11	23	10	8.9	3.4	0.77	2.3	0.33	0.00	6.4
17	45	81	9.9	16	8.1	8.6	3.1	0.74	1.9	0.29	0.00	11
18	14	270	8.3	13	9.2	10	2.8	0.70	1.7	0.28	0.00	9.4
19	11	301	7.3	11	9.5	9.4	2.6	0.66	1.6	0.34	0.00	7.1
20	43	61	8.5	9.0	8.0	8.2	2.8	0.66	1.4	0.33	0.00	4.9
21	86	32	7.9	7.8	6.4	7.2	2.4	0.69	1.3	0.29	0.07	3.7
22	36	20	6.8	7.1	5.9	6.9	2.2	1.3	1.1	0.22	0.95	3.1
23	26	17	6.1	9.3	5.8	6.3	2.1	0.90	0.91	0.18	0.12	3.4
24	13	20	7.2	12	5.0	19	1.9	0.72	1.0	0.15	1.5	2.9
25	9.0	21	20	11	5.1	18	1.8	0.89	1.1	0.13	13	2.4
26	7.1	20	17	21	4.8	21	1.6	1.2	0.93	0.11	7.0	2.1
27	5.7	16	15	48	4.7	17	1.6	1.9	0.81	0.09	2.8	2.0
28	23	58	16	64	4.5	15	1.6	9.0	0.71	0.07	1.7	1.8
29	17	73	12	73	5.7	12	1.4	5.0	0.65	0.01	1.2	1.7
30	9.6	41	9.4	65	---	13	1.3	4.8	0.61	0.00	0.99	1.6
31	6.8	---	8.4	46	---	12	---	4.2	---	0.00	0.77	---
TOTAL	379.34	1,164.1	404.4	674.4	292.0	459.7	121.3	49.78	91.52	10.48	30.10	90.02
MEAN	12.2	38.8	13.0	21.8	10.1	14.8	4.04	1.61	3.05	0.34	0.97	3.00
MAX	86	301	29	73	36	41	10	9.0	18	0.67	13	11
MIN	0.00	2.2	6.1	4.1	4.5	4.1	1.3	0.66	0.61	0.00	0.00	0.78
AC-FT	752	2,310	802	1,340	579	912	241	99	182	21	60	179
CFSM	3.64	11.5	3.88	6.47	3.00	4.41	1.20	0.48	0.91	0.10	0.29	0.89
IN.	4.20	12.89	4.48	7.47	3.23	5.09	1.34	0.55	1.01	0.12	0.33	1.00
CAL YR	2003	TOTAL 3,938.19	MEAN 10.8	MAX 301	MIN 0.00	AC-FT 7,810	CFSM 3.21	IN. 43.60				
WTR YR	2004	TOTAL 3,767.14	MEAN 10.3	MAX 301	MIN 0.00	AC-FT 7,470	CFSM 3.06	IN. 41.71				

WHATCOM CREEK BASIN

12202300 OLSEN CREEK NEAR BELLINGHAM, WA

LOCATION.--Lat 48°45'05", long 122°21'08", in NW¼SW¼, sec.30, T.38 N., R.4 E., Whatcom County, Hydrologic Unit 171 10002, on left bank at downstream side of bridge on North Shore Road, 500 ft upstream from mouth and Lake Whatcom, and 5.8 mi east of Court House in Bellingham.

DRAINAGE AREA.--3.78 mi².

PERIOD OF RECORD.--November 1967 to September 1969, annual maximum, water years 1970-74. October 2001 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 311.8 ft above NGVD of 1929, from survey to Lake Whatcom, City of Bellingham Lake elevation. Prior to 1975 gage at elevation 5.49 ft lower.

REMARKS.--Records good, except for period Oct. 20 to Nov. 17, which are fair, and flows above 150 ft³/s, which are poor. No known regulation. Diversion rights above station for irrigation and domestic use.

AVERAGE DISCHARGE.--4 years (water years 1969, 2002-04) 10.3 ft³/s, 36.85 in/yr, 7,430 acre-ft/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 3,840 ft³/s, Nov. 19, 2003, gage height 7.41 ft; minimum discharge, 0.13 ft³/s, Oct. 1, 2003.

EXTREMES OUTSIDE PERIOD OF RECORD.--Flood of Jan. 10, 1983, was the highest ever seen by local residents and included flow over the road at gage, elevation 15 ft. Flood documented in USGS letter report by G.T. Higgins, Jan. 16, 1983.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 180 ft³/s and maximum (*):

Date	Time	Discharge (ft ³ /s)	Gage height (ft)	Date	Time	Discharge (ft ³ /s)	Gage height (ft)
Oct 17	0300	1,040	6.34	Nov 28	1630	323	5.79
Nov 19	0230	*3,840	*7.41				

Minimum discharge, 0.13 ft³/s, Oct. 1, gage height, 4.02 ft.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.17	12	21	4.8	29	3.9	7.0	1.1	4.6	0.67	0.32	2.1
2	0.16	12	17	4.5	22	3.6	6.2	1.1	3.5	0.68	0.32	1.7
3	0.18	11	15	3.5	18	4.1	5.4	1.1	2.7	0.71	0.36	1.4
4	0.19	6.8	12	3.3	23	6.9	4.9	1.6	2.2	0.64	0.38	1.2
5	0.20	7.1	11	5.3	20	7.8	4.5	1.5	3.0	0.60	0.41	1.2
6	0.25	4.1	14	6.3	17	6.8	4.1	1.2	8.4	0.83	0.56	1.0
7	1.5	3.5	12	13	15	36	3.7	1.2	6.2	0.76	0.58	0.87
8	1.1	4.8	11	15	13	42	3.4	1.6	4.7	0.65	0.44	0.83
9	1.6	7.6	10	20	12	26	3.1	1.2	4.0	0.64	0.37	1.4
10	0.85	10	9.0	30	10	19	2.9	2.0	3.7	0.62	0.33	1.0
11	0.57	10	8.1	22	9.0	14	2.8	1.8	3.4	0.60	0.31	2.6
12	11	7.1	8.4	19	8.1	11	2.5	1.3	2.9	0.60	0.29	1.7
13	7.6	8.8	8.3	18	7.3	9.2	2.4	1.1	4.3	0.56	0.28	1.5
14	1.7	5.8	9.5	16	7.6	8.4	2.3	1.0	4.4	0.55	0.28	1.7
15	1.3	4.5	8.8	18	8.5	7.1	2.2	0.96	3.8	0.53	0.27	8.5
16	56	10	9.2	17	8.8	6.9	2.6	0.96	3.2	0.50	0.25	11
17	261	16	9.1	13	8.4	7.0	2.2	0.92	2.7	0.47	0.25	23
18	29	299	8.3	11	9.4	10	2.1	0.87	2.2	0.47	0.25	14
19	21	951	7.5	9.7	10	10	1.9	0.83	1.8	0.45	0.25	9.5
20	133	64	8.8	8.4	9.3	9.0	2.1	0.82	1.5	0.48	0.25	6.4
21	186	30	7.8	7.4	8.5	7.9	1.8	0.84	1.3	0.45	2.5	4.5
22	61	20	7.3	7.0	7.5	6.9	1.7	2.3	1.1	0.40	8.7	3.8
23	45	19	6.9	9.7	6.6	6.0	1.7	1.6	1.1	0.36	1.8	3.9
24	28	25	6.8	12	6.2	11	1.5	1.1	1.1	0.36	12	3.0
25	19	20	7.4	11	5.6	13	1.5	1.2	1.1	0.36	24	2.6
26	13	17	6.5	15	5.3	14	1.4	1.8	1.0	0.36	12	2.2
27	8.0	14	6.3	30	5.1	13	1.4	5.6	0.84	0.36	5.3	2.0
28	27	118	6.3	46	4.5	12	1.4	15	0.77	0.35	4.2	1.7
29	21	97	5.5	77	4.3	10	1.3	5.6	0.78	0.33	4.0	1.5
30	14	33	5.1	105	---	9.2	1.2	7.0	0.71	0.33	2.7	1.5
31	10	---	5.1	46	---	8.0	---	6.4	---	0.34	1.9	---
TOTAL	960.37	1,848.1	289.0	623.9	319.0	359.7	83.2	72.60	83.00	16.01	85.85	119.30
MEAN	31.0	61.6	9.32	20.1	11.0	11.6	2.77	2.34	2.77	0.52	2.77	3.98
MAX	261	951	21	105	29	42	7.0	15	8.4	0.83	24	23
MIN	0.16	3.5	5.1	3.3	4.3	3.6	1.2	0.82	0.71	0.33	0.25	0.83
AC-FT	1,900	3,670	573	1,240	633	713	165	144	165	32	170	237
CFSM	8.20	16.3	2.47	5.32	2.91	3.07	0.73	0.62	0.73	0.14	0.73	1.05
IN.	9.45	18.19	2.84	6.14	3.14	3.54	0.82	0.71	0.82	0.16	0.84	1.17
CAL YR	2003	TOTAL 4,684.28	MEAN 12.8	MAX 951	MIN 0.15	AC-FT 9,290	CFSM 3.40	IN. 46.10				
WTR YR	2004	TOTAL 4,860.03	MEAN 13.3	MAX 951	MIN 0.16	AC-FT 9,640	CFSM 3.51	IN. 47.83				

12202310 CARPENTER CREEK NEAR BELLINGHAM, WA

LOCATION.--Lat 48°45'15", long 122°21'10", in SW $\frac{1}{4}$ NW $\frac{1}{4}$, sec.30, T.38 N., R.4 E., Whatcom County, Hydrologic Unit 17110002, on left bank 60 ft upstream from North Shore Drive, 8.2 mi east of Bellingham, and 0.1 mi upstream from Lake Whatcom.

DRAINAGE AREA.--1.17 mi².

PERIOD OF RECORD.--May 2002 to current year.

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

REMARKS.--Records poor. No regulation or diversion upstream from station.

AVERAGE DISCHARGE.--2 years (water years 2003-04), 1.93 ft³/s, 22.45 in/yr, 1.65 acre-ft/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum daily discharge, 80 ft³/s, Nov. 19, 2003, gage height 9.82 ft, Nov. 19, backwater from culvert; minimum daily discharge, no flow on many days.

EXTREMES FOR CURRENT YEAR.--Maximum daily discharge, 80 ft³/s, Nov. 19; maximum gage height, 9.82 ft, Nov. 19, backwater from culvert; minimum discharge, no flow many days.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.01	1.1	6.0	1.7	13	1.8	e1.5	0.16	0.60	0.04	0.02	0.13
2	0.01	0.98	7.6	1.5	9.5	e1.5	e1.5	0.16	0.50	0.04	0.02	0.12
3	0.01	0.77	5.6	1.6	7.0	e2.0	e1.0	0.14	0.36	0.05	0.01	0.09
4	0.02	0.66	3.8	2.6	8.6	e3.0	e1.1	0.21	0.29	0.05	0.02	0.08
5	0.02	0.56	8.0	1.7	6.7	e3.0	e1.0	0.19	0.33	0.04	0.03	0.09
6	0.02	0.48	8.3	2.8	6.4	e2.5	e1.0	0.14	0.74	0.08	0.05	0.06
7	0.02	0.52	6.6	6.4	4.5	e8.0	e1.0	0.15	0.45	0.05	0.04	0.05
8	0.03	0.54	6.6	6.7	3.7	e9.5	e0.50	0.19	0.35	0.04	0.03	0.06
9	0.01	0.44	4.6	6.7	3.9	e6.5	e0.50	0.15	0.35	0.04	0.04	0.10
10	0.00	1.4	3.4	6.8	3.1	e5.0	e0.50	0.25	0.30	0.04	0.02	0.09
11	0.00	2.3	3.1	5.3	2.6	e3.3	0.58	0.24	0.23	0.04	0.00	0.19
12	0.07	1.8	3.3	4.4	2.4	e3.0	0.57	0.18	0.19	0.03	0.00	0.17
13	0.10	1.2	3.4	4.1	2.5	e3.0	0.53	0.14	0.45	0.02	0.00	0.15
14	0.05	1.1	3.3	4.1	2.9	e2.5	0.44	0.13	0.33	0.03	0.00	0.19
15	0.03	1.4	2.8	4.3	3.4	e2.0	0.42	0.12	0.24	0.03	0.00	0.89
16	2.2	3.7	6.2	3.9	4.1	e2.0	0.60	0.12	0.21	0.03	0.00	1.1
17	12	4.6	2.8	3.4	3.9	e2.0	0.45	0.12	0.19	0.02	0.00	2.6
18	2.9	30	2.5	3.0	4.2	e3.0	0.39	0.11	0.14	0.02	0.00	1.4
19	1.7	e80	1.9	2.7	4.5	e3.0	0.39	0.11	0.13	0.02	0.00	0.92
20	13	7.6	2.5	2.4	4.3	e2.5	0.40	0.11	0.10	0.03	0.00	0.58
21	36	2.8	2.2	2.1	3.8	e2.0	0.34	0.11	0.09	0.03	0.09	0.43
22	10	2.0	2.1	2.1	3.4	e2.0	0.30	0.42	0.07	0.02	0.19	0.38
23	7.4	2.0	2.0	3.6	3.0	e1.5	0.29	0.30	0.06	0.02	0.04	0.49
24	3.7	1.6	2.0	5.0	2.8	e3.0	0.26	0.17	0.07	0.02	0.44	0.31
25	2.4	2.5	2.3	4.9	2.5	e3.0	0.24	0.21	0.08	0.02	1.9	0.25
26	1.7	1.8	2.0	5.8	2.3	e3.5	0.24	0.35	0.08	0.02	0.91	0.20
27	1.9	1.6	2.2	e8.0	2.4	e3.0	0.24	0.66	0.06	0.02	0.39	0.17
28	5.5	30	2.6	e10	2.1	e3.0	0.20	1.8	0.05	0.03	0.25	0.15
29	4.0	20	2.2	e16	1.9	e2.0	0.18	0.83	0.04	0.03	0.19	0.13
30	2.6	10	1.9	e25	---	e2.0	0.18	0.97	0.03	0.02	0.13	0.12
31	1.5	---	1.8	18	---	e2.0	---	0.75	---	0.02	0.10	---
TOTAL	108.90	215.45	115.6	176.6	125.4	96.1	16.84	9.69	7.11	0.99	4.91	11.69
MEAN	3.51	7.18	3.73	5.70	4.32	3.10	0.56	0.31	0.24	0.03	0.16	0.39
MAX	36	80	8.3	25	13	9.5	1.5	1.8	0.74	0.08	1.9	2.6
MIN	0.00	0.44	1.8	1.5	1.9	1.5	0.18	0.11	0.03	0.02	0.00	0.05
AC-FT	216	427	229	350	249	191	33	19	14	2.0	9.7	23
CFSM	3.00	6.14	3.19	4.87	3.70	2.65	0.48	0.27	0.20	0.03	0.14	0.33
IN.	3.46	6.85	3.68	5.61	3.99	3.06	0.54	0.31	0.23	0.03	0.16	0.37
CAL YR	2003	TOTAL 902.27	MEAN 2.47	MAX 80	MIN 0.00	AC-FT 1,790	CFSM 2.11	IN. 28.69				
WTR YR	2004	TOTAL 889.28	MEAN 2.43	MAX 80	MIN 0.00	AC-FT 1,760	CFSM 2.08	IN. 28.27				

e Estimated

12202400 EUCLID CREEK AT EUCLID AVENUE, AT BELLINGHAM, WA

LOCATION.--Lat 48°44'56", long 122°24'29", in SW¼SW¼, 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 current year.

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

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

AVERAGE DISCHARGE.--3 years (water year 2002-04) 0.41 ft³/s, 10.36 in/yr, 298 acre-ft/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum daily discharge, 15 ft³/s, Dec. 14, 2001; maximum gage height, 5.81 ft, Nov. 19, 2003, backwater from log jam; minimum discharge, no flow many days each year.

EXTREMES FOR CURRENT YEAR.--Maximum daily discharge, 6.0 ft³/s, Nov. 19; maximum gage height, 5.81 ft, backwater from log jam; minimum discharge, no flow many days.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.00	0.09	0.91	0.40	1.0	0.20	0.33	0.02	0.07	0.00	0.00	0.05
2	0.00	0.06	1.0	0.37	0.66	0.18	0.29	0.02	0.06	0.01	0.00	0.03
3	0.00	0.05	1.1	0.34	0.47	0.34	0.26	0.02	0.06	0.01	0.00	0.03
4	0.00	0.04	0.86	0.30	0.40	0.36	0.22	0.03	0.05	0.00	0.00	0.03
5	0.00	0.03	0.76	0.28	0.27	1.1	0.16	0.02	0.08	0.00	0.00	0.03
6	0.04	0.02	1.3	0.28	0.23	0.81	0.15	0.02	0.09	0.04	0.00	0.03
7	0.04	0.01	0.95	0.64	0.21	1.9	0.13	0.01	0.06	0.01	0.00	0.03
8	0.04	0.01	0.82	1.2	0.18	1.6	0.12	0.02	0.05	0.01	0.00	0.03
9	0.00	0.01	0.69	0.91	0.15	1.2	0.11	0.01	0.08	0.01	0.00	0.03
10	0.00	0.20	0.60	0.89	0.13	0.87	0.10	0.05	0.05	0.01	0.00	0.04
11	0.00	0.18	0.57	0.66	0.12	0.69	0.10	0.02	0.04	0.00	0.00	0.05
12	0.14	0.09	0.64	0.57	0.10	0.57	0.08	0.02	0.04	0.00	0.00	0.03
13	0.02	0.08	0.59	0.51	0.08	0.48	0.07	0.01	0.10	0.00	0.00	0.03
14	0.00	0.06	0.60	0.51	0.23	0.47	0.07	0.01	0.06	0.00	0.00	0.03
15	0.03	0.10	0.53	0.47	0.58	0.38	0.06	0.01	0.05	0.00	0.00	0.13
16	1.3	1.0	0.56	0.37	0.65	0.35	0.10	0.01	0.04	0.00	0.00	0.13
17	4.4	1.4	0.48	0.31	0.59	0.36	0.07	0.01	0.03	0.00	0.00	1.2
18	0.90	e4.0	0.45	0.28	0.71	0.59	0.06	0.01	0.03	0.00	0.00	0.68
19	0.80	e6.0	0.42	0.25	0.66	0.45	0.05	0.01	0.03	0.00	0.00	0.44
20	4.4	2.2	0.40	0.21	0.54	0.39	0.07	0.01	0.02	0.00	0.00	0.21
21	5.8	1.2	0.46	0.18	0.45	0.36	0.04	0.01	0.02	0.00	0.11	0.14
22	2.2	0.85	0.40	0.20	0.40	0.32	0.04	0.03	0.02	0.00	0.25	0.15
23	1.4	0.97	0.40	0.41	0.35	0.29	0.04	0.01	0.02	0.00	0.02	0.20
24	0.62	1.1	0.39	0.55	0.31	0.67	0.03	0.01	0.02	0.00	0.42	0.13
25	0.34	1.2	0.42	0.53	0.29	0.69	0.03	0.04	0.02	0.00	0.42	0.10
26	0.19	0.87	0.38	0.87	0.28	0.91	0.03	0.02	0.02	0.00	0.11	0.09
27	0.12	0.71	0.50	1.2	0.27	0.71	0.03	0.16	0.01	0.00	0.05	0.08
28	0.53	3.6	0.57	1.7	0.23	0.58	0.02	0.15	0.01	0.00	0.04	0.07
29	0.28	2.6	0.50	2.2	0.22	0.51	0.02	0.10	0.01	0.00	0.04	e0.06
30	0.16	1.3	0.43	2.8	---	0.50	0.02	0.11	0.01	0.00	0.03	e0.06
31	0.11	---	0.43	1.2	---	0.39	---	0.08	---	0.00	0.03	---
TOTAL	23.86	30.03	19.11	21.59	10.76	19.22	2.90	1.06	1.25	0.10	1.52	4.34
MEAN	0.77	1.00	0.62	0.70	0.37	0.62	0.10	0.03	0.04	0.00	0.05	0.14
MAX	5.8	6.0	1.3	2.8	1.0	1.9	0.33	0.16	0.10	0.04	0.42	1.2
MIN	0.00	0.01	0.38	0.18	0.08	0.18	0.02	0.01	0.01	0.00	0.00	0.03
AC-FT	47	60	38	43	21	38	5.8	2.1	2.5	0.2	3.0	8.6
CFSM	1.43	1.85	1.14	1.29	0.69	1.15	0.18	0.06	0.08	0.01	0.09	0.27
IN.	1.64	2.07	1.32	1.49	0.74	1.32	0.20	0.07	0.09	0.01	0.10	0.30

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 2002 - 2004, BY WATER YEAR (WY)

MEAN	0.32	0.67	1.08	0.91	0.75	0.63	0.40	0.09	0.03	0.00	0.02	0.05
MAX	0.77	1.00	2.26	1.15	1.31	0.76	0.63	0.14	0.05	0.00	0.05	0.14
(WY)	(2004)	(2004)	(2002)	(2002)	(2002)	(2002)	(2002)	(2002)	(2002)	(2002)	(2004)	(2004)
MIN	0.02	0.17	0.37	0.70	0.37	0.51	0.10	0.03	0.01	0.00	0.00	0.00
(WY)	(2003)	(2003)	(2003)	(2004)	(2004)	(2003)	(2004)	(2004)	(2003)	(2004)	(2002)	(2002)

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

SUMMARY STATISTICS	FOR 2003 CALENDAR YEAR		FOR 2004 WATER YEAR		WATER YEARS 2002 - 2004	
ANNUAL TOTAL	149.28		135.74			
ANNUAL MEAN	0.41		0.37		0.41	
HIGHEST ANNUAL MEAN					0.61 2002	
LOWEST ANNUAL MEAN					0.26 2003	
HIGHEST DAILY MEAN	6.0	Nov 19	6.0	Nov 19	15	Dec 14, 2001
LOWEST DAILY MEAN	0.00	Jun 6	0.00	Oct 1	0.00	Jul 1, 2002
ANNUAL SEVEN-DAY MINIMUM	0.00	Jun 11	0.00	Jul 11	0.00	Jul 1, 2002
MAXIMUM PEAK FLOW					61 Dec 14, 2001	
MAXIMUM PEAK STAGE					4.86 Dec 14, 2001	
ANNUAL RUNOFF (AC-FT)	296		269		298	
ANNUAL RUNOFF (CFSM)	0.757		0.687		0.763	
ANNUAL RUNOFF (INCHES)	10.28		9.35		10.36	
10 PERCENT EXCEEDS	1.0		0.91		1.1	
50 PERCENT EXCEEDS	0.18		0.10		0.12	
90 PERCENT EXCEEDS	0.00		0.00		0.00	

e Estimated

12202420 MILL CREEK NEAR BELLINGHAM, WA

LOCATION.--Lat 48°45'19", long 122°24'55", in SE $\frac{1}{4}$ NW $\frac{1}{4}$, sec.27, T.38 N., R.4 E., Whatcom County, Hydrologic Unit 17110002, on left bank 30 ft upstream from Lakeview Avenue, 50 ft downstream from small dam and pond, 3.0 mi from City of Bellingham and 0.2 mi upstream from mouth at Lake Whatcom.

DRAINAGE AREA.--0.79 mi².

PERIOD OF RECORD.--June 2002 to current year.

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

REMARKS.--Records poor. Regulation and diversion at the upstream dam and pond during summer months. Basin affected by urbanization.

AVERAGE DISCHARGE.--2 years (water years 2003-04), 0.77 ft³/s, 13.32 in/yr, 561 acre-ft/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 18 ft³/s, Nov. 19, 2003, gage height, 3.42 ft; minimum discharge, no flow many days each year.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 18 ft³/s, Nov. 19, gage height, 3.42 ft; minimum discharge, no flow on many days in June, July and August.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.04	2.1	2.0	0.52	5.5	0.41	0.60	0.04	0.24	0.00	0.00	0.44
2	0.03	1.9	2.2	0.41	4.0	0.37	0.52	0.04	0.25	0.00	0.00	0.18
3	0.02	1.8	2.4	0.35	3.0	0.89	0.48	0.02	0.15	0.00	0.00	0.11
4	0.02	1.6	1.9	0.20	2.6	0.88	0.40	0.13	0.10	0.00	0.00	0.08
5	0.02	1.4	1.7	0.18	1.9	1.9	0.35	0.15	0.24	0.00	0.00	0.07
6	0.01	1.3	2.9	0.22	1.5	1.4	0.31	0.05	0.53	0.01	0.00	0.07
7	0.05	1.1	2.1	2.4	1.2	2.9	0.28	0.04	0.23	0.01	0.00	0.08
8	0.06	0.94	1.8	3.2	0.94	2.6	0.25	0.04	0.25	0.01	0.00	0.07
9	0.13	0.52	1.5	2.5	0.71	2.4	0.24	0.03	0.47	0.01	0.00	0.22
10	0.06	2.3	1.3	2.9	0.58	1.7	0.22	0.39	0.29	0.01	0.00	0.13
11	0.03	1.7	1.2	2.3	0.45	1.4	0.18	0.11	0.25	0.01	0.00	0.78
12	0.24	0.57	1.5	2.1	0.35	1.1	0.19	0.12	0.24	0.01	0.00	0.14
13	0.07	0.51	1.2	1.8	0.25	0.90	0.16	0.10	0.67	0.01	0.00	0.17
14	0.01	0.45	1.2	1.8	0.59	0.87	0.12	0.10	0.58	0.01	0.00	0.16
15	0.03	0.63	0.95	1.7	1.1	0.68	0.11	0.05	0.46	0.01	0.00	1.8
16	3.7	2.5	1.2	1.4	1.0	0.64	0.33	0.03	0.31	0.01	0.00	1.5
17	6.6	2.6	0.87	1.1	0.92	0.64	0.15	0.03	0.13	0.01	0.00	3.2
18	1.2	7.5	0.77	1.1	1.2	1.2	0.13	0.02	0.15	0.00	0.00	0.80
19	1.6	8.1	0.74	0.94	1.1	0.75	0.12	0.01	0.13	0.01	0.00	0.56
20	5.6	2.3	0.67	0.79	0.88	0.63	0.23	0.02	0.10	0.00	0.00	0.23
21	7.5	1.1	1.1	0.81	0.74	0.59	0.11	0.01	0.05	0.00	0.03	0.15
22	4.8	0.71	0.45	0.98	0.63	0.57	0.07	0.34	0.04	0.00	1.6	0.18
23	4.1	0.86	0.34	2.2	0.54	0.52	0.10	0.13	0.02	0.00	0.19	0.37
24	2.9	0.89	0.38	2.5	0.47	1.4	0.08	0.12	0.01	0.00	2.0	0.19
25	2.3	1.2	0.48	2.3	0.46	1.2	0.06	0.42	0.01	0.00	3.0	0.16
26	2.0	0.91	0.33	3.1	0.47	1.7	0.05	0.27	0.01	0.00	1.1	0.14
27	1.6	0.69	0.74	3.8	0.55	1.3	0.05	1.4	0.01	0.00	0.37	0.13
28	3.9	4.6	1.0	4.9	0.47	1.1	0.06	1.0	0.01	0.00	0.20	0.08
29	2.8	4.2	0.71	7.6	0.46	0.95	0.09	0.29	0.00	0.00	0.19	0.06
30	2.5	2.8	0.55	9.8	---	0.94	0.06	0.54	0.00	0.00	0.17	0.06
31	2.2	---	0.60	6.3	---	0.69	---	0.30	---	0.00	0.16	---
TOTAL	56.12	59.78	36.78	72.20	34.56	35.22	6.10	6.34	5.93	0.13	9.01	12.31
MEAN	1.81	1.99	1.19	2.33	1.19	1.14	0.20	0.20	0.20	0.00	0.29	0.41
MAX	7.5	8.1	2.9	9.8	5.5	2.9	0.60	1.4	0.67	0.01	3.0	3.2
MIN	0.01	0.45	0.33	0.18	0.25	0.37	0.05	0.01	0.00	0.00	0.00	0.06
AC-FT	111	119	73	143	69	70	12	13	12	0.3	18	24
CFSM	2.29	2.52	1.50	2.95	1.51	1.44	0.26	0.26	0.25	0.01	0.37	0.52
IN.	2.64	2.81	1.73	3.40	1.63	1.66	0.29	0.30	0.28	0.01	0.42	0.58
CAL YR	2003	TOTAL 349.42	MEAN 0.96	MAX 8.1	MIN 0.00	AC-FT 693	CFSM 1.21	IN. 16.45				
WTR YR	2004	TOTAL 334.48	MEAN 0.91	MAX 9.8	MIN 0.00	AC-FT 663	CFSM 1.16	IN. 15.75				

12202450 SILVER BEACH CREEK AT MAYNARD PLACE, AT BELLINGHAM, WA

LOCATION.--Lat 48°46'10", long 122°24'19", in SW¹/₄NE¹/₄, 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 mouth at Lake Whatcom.

DRAINAGE AREA.--1.20 mi².

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 for estimated daily discharges, which are poor. Probably some diversion upstream for domestic use, and other effects from urbanization.

AVERAGE DISCHARGE.--3 years (water year 2002-04) 1.38 ft³/s, 15.62 in/yr, 1,000 acre-ft/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 64 ft³/s, Nov. 19, 2003, gage height, 6.46 ft; minimum discharge, no flow many days June and July 2004.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 64 ft³/s, Nov. 19, gage height, 6.46 ft; minimum discharge, no flow many days in June and July.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.02	2.0	3.1	0.87	5.6	0.61	0.93	0.08	e0.20	0.00	0.02	0.34
2	0.02	1.7	3.6	0.66	3.7	0.47	0.80	0.07	e0.15	0.01	0.02	0.18
3	0.02	1.4	4.0	0.65	2.8	0.87	0.72	0.07	e0.10	0.01	0.02	0.15
4	0.02	1.1	2.9	1.3	2.8	1.3	0.60	0.19	0.04	0.00	0.03	0.14
5	0.02	0.95	2.6	0.54	2.1	1.7	0.56	0.11	0.00	0.00	0.03	0.20
6	0.08	0.81	5.5	0.41	1.9	1.2	0.54	0.08	0.00	0.00	0.09	0.13
7	0.12	0.82	3.8	3.6	1.6	4.6	0.41	0.07	0.00	0.00	0.04	0.12
8	0.36	0.78	3.4	4.6	1.3	3.6	0.37	0.08	0.08	0.00	0.03	0.15
9	0.43	0.71	2.4	3.2	1.1	3.4	0.31	0.06	0.00	0.00	0.03	0.20
10	0.10	3.4	2.0	3.2	1.0	2.2	0.28	0.50	0.00	0.00	0.02	0.15
11	0.08	2.3	1.7	2.4	0.88	1.8	0.26	0.15	0.03	0.00	0.02	0.32
12	0.39	1.3	2.0	2.5	0.91	1.5	0.22	0.07	0.05	0.00	0.02	0.14
13	0.16	1.1	1.7	2.3	0.86	1.3	0.21	0.05	0.00	0.00	0.02	0.17
14	0.10	1.0	1.4	2.3	0.93	1.5	0.19	0.05	0.11	0.00	0.02	0.17
15	0.15	0.96	1.2	e2.3	1.2	1.3	0.20	0.04	0.07	0.00	0.02	0.76
16	4.8	4.7	1.6	e2.0	1.4	1.1	0.51	e0.06	0.05	0.00	0.02	0.83
17	16	3.7	1.3	e1.5	1.3	1.1	0.26	e0.06	0.03	0.00	0.02	1.7
18	2.7	20	1.1	e1.5	1.9	2.5	0.20	e0.05	0.03	0.00	0.02	1.1
19	3.1	28	0.91	e1.2	1.7	1.6	0.19	e0.03	0.01	0.00	0.02	0.81
20	15	8.8	0.97	e0.90	1.3	1.3	0.26	e0.04	0.00	0.00	0.02	0.48
21	21	4.9	2.3	e0.90	1.3	1.4	0.17	e0.02	0.00	0.00	0.70	0.35
22	9.2	3.4	1.3	e1.3	0.89	1.3	0.14	e0.40	0.00	0.00	0.88	0.46
23	7.2	3.4	1.1	e3.0	0.78	1.0	0.15	e0.20	0.01	0.00	0.26	0.72
24	3.5	3.1	1.1	e3.5	0.74	2.1	0.12	e0.20	0.00	0.00	1.6	0.39
25	2.2	2.6	0.94	e3.2	0.75	2.2	0.11	e0.50	0.00	0.01	1.7	0.32
26	1.6	1.8	0.77	e4.0	0.98	2.9	0.10	e0.40	0.01	0.02	0.67	0.28
27	1.3	1.5	1.3	e4.5	1.3	1.8	0.11	e2.0	0.00	0.02	0.37	0.26
28	5.7	12	1.6	e5.5	0.85	1.5	0.10	e1.5	0.00	0.02	0.27	0.24
29	3.1	7.4	1.1	11	0.75	1.1	0.09	e0.50	0.01	0.02	0.21	0.22
30	2.2	4.2	0.80	11	---	1.2	0.08	e0.70	0.01	0.02	0.16	0.20
31	2.0	---	0.90	5.2	---	1.1	---	e0.50	---	0.02	0.15	---
TOTAL	102.67	129.83	60.39	91.03	44.62	52.55	9.19	8.83	0.99	0.15	7.50	11.68
MEAN	3.31	4.33	1.95	2.94	1.54	1.70	0.31	0.28	0.03	0.00	0.24	0.39
MAX	21	28	5.5	11	5.6	4.6	0.93	2.0	0.20	0.02	1.7	1.7
MIN	0.02	0.71	0.77	0.41	0.74	0.47	0.08	0.02	0.00	0.00	0.02	0.12
AC-FT	204	258	120	181	89	104	18	18	2.0	0.3	15	23
CFSM	2.76	3.61	1.62	2.45	1.28	1.41	0.26	0.24	0.03	0.00	0.20	0.32
IN.	3.18	4.02	1.87	2.82	1.38	1.63	0.28	0.27	0.03	0.00	0.23	0.36

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 2002 - 2004, BY WATER YEAR (WY)

MEAN	1.26	2.15	2.38	3.07	4.12	1.77	1.17	0.40	0.08	0.06	0.11	0.17
MAX	3.31	4.33	4.47	3.86	9.40	2.08	1.62	0.55	0.11	0.11	0.24	0.39
(WY)	(2004)	(2004)	(2002)	(2002)	(2002)	(2002)	(2003)	(2003)	(2002)	(2002)	(2004)	(2004)
MIN	0.11	0.39	0.72	2.43	1.52	1.53	0.31	0.28	0.03	0.00	0.02	0.04
(WY)	(2003)	(2003)	(2003)	(2003)	(2003)	(2003)	(2004)	(2004)	(2004)	(2004)	(2003)	(2003)

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SUMMARY STATISTICS	FOR 2003 CALENDAR YEAR		FOR 2004 WATER YEAR		WATER YEARS 2002 - 2004	
ANNUAL TOTAL	530.09		519.43		1.38	
ANNUAL MEAN	1.45		1.42		1.97 2002	
HIGHEST ANNUAL MEAN					0.75 2003	
LOWEST ANNUAL MEAN					68 Feb 22, 2002	
HIGHEST DAILY MEAN	28	Nov 19	28	Nov 19	0.00 Jun 5, 2004	
LOWEST DAILY MEAN	0.01	Aug 8	0.00	Jun 5	0.00 Jul 4, 2004	
ANNUAL SEVEN-DAY MINIMUM	0.01	Aug 10	0.00	Jul 4	68 Feb 22, 2003	
MAXIMUM PEAK FLOW					5.57 Feb 22, 2002	
MAXIMUM PEAK STAGE					1,000	
ANNUAL RUNOFF (AC-FT)	1,050		1,030		1.15	
ANNUAL RUNOFF (CFSM)	1.21		1.18		15.62	
ANNUAL RUNOFF (INCHES)	16.43		16.10		3.2	
10 PERCENT EXCEEDS	3.4		3.4		0.43	
50 PERCENT EXCEEDS	0.79		0.58		0.02	
90 PERCENT EXCEEDS	0.02		0.01			

e Estimated