12201960 BRANNIAN CREEK AT SOUTH BAY DRIVE NEAR WICKERSHAM, WA

LOCATION.--Lat 48°40'08", long 122°16'48", in SE $^1/_4$ NW $^1/_4$ 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 mi^2.

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

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

REMARKS.--Records fair, except for discharges below 3 ft^3/s and above 100 ft^3/s, and estimated discharges, which are poor.

AVERAGE DISCHARGE.--1 year (water year 2002) 12.1 ft^3/s, 48.72 in/yr, 8,730 acre-ft/yr.

EXTREMES FOR CURRENT YEAR.--Maximum discharge 307 ft^3/s Dec. 13, gage height 6.62 ft, from rating curve extended above 38 ft^3/s; minimum daily discharge, 0.12 ft^3/s Aug. 30-31, Sept. 7.

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	e1.1	13	30	6.6	16	13	19	4.8	2.9	3.8	0.41	0.14
2	e1.0	10	49	8.0	15	11	15	4.6	2.6	2.7	0.40	0.44
3	e0.95	8.3	30	7.0	21	10	13	4.5	2.4	2.1	0.38	0.54
4	e0.94	8.2	27	6.2	24	8.9	11	4.2	2.3	2.1	0.83	0.23
5	e0.83	9.1	24	5.7	21	8.8	11	7.4	2.7	1.8	0.88	0.16
6	e0.89	7.5	36	6.0	27	7.6	16	7.2	2.2	1.6	0.67	0.13
7	e0.94	6.3	33	9.3	27	6.8	26	6.1	1.9	1.7	0.52	e0.12
8	e1.2	5.6	37	16	26	6.3	17	5.1	1.8	4.0	0.47	e0.13
9	e1.3	5.1	40	15	23	6.1	18	4.7	1.6	2.9	0.43	0.19
10	e1.8	4.6	29	12	20	6.2	28	4.2	1.5	2.1	0.46	e0.17
11	e2.0	4.3	23	10	17	12	20	3.8	1.4	1.7	0.45	e0.14
12	2.3	4.4	24	19	14	12	20	3.5	1.3	1.4	0.43	e0.14
13	2.3	5.2	e130	19	13	15	26	4.0	1.2	1.3	0.44	e0.13
14	3.1	25	e170	14	11	16	42	7.5	1.2	1.3	0.40	e0.13
15	2.3	27	64	12	9.8	17	36	5.6	1.1	1.2	0.40	e0.14
16	3.2	24	e114	11	8.8	18	35	4.6	1.0	1.0	0.38	e0.80
17	2.8	20	59	9.4	8.4	14	31	8.6	1.0	0.89	0.37	e0.59
18	3.9	15	39	8.5	11	13	25	6.8	5.3	0.83	0.35	0.36
19	9.0	13	35	11	12	23	20	5.9	2.5	0.79	0.35	0.55
20	6.2	13	26	15	13	24	17	7.2	1.7	0.75	0.27	e0.70
21	5.9	12	20	14	41	20	14	6.6	1.4	0.70	0.21	e0.25
22	14	15	16	13	e105	20	13	5.7	1.3	0.65	0.19	e0.19
23	14	23	13	14	80	20	11	5.0	1.1	0.60	0.18	e0.19
24	14	17	11	41	48	20	9.6	4.8	1.1	0.59	0.17	e0.18
25	28	13	9.9	e130	34	21	8.5	4.5	0.95	0.58	0.18	e0.17
26	20	13	8.7	51	26	21	7.8	3.9	0.95	0.56	0.18	e0.14
27	38	17	8.0	35	21	23	7.3	3.6	0.90	0.52	0.16	e0.14
28	18	17	7.8	25	16	36	6.4	3.5	1.7	0.55	0.14	e0.15
29	12	26	7.1	20	---	26	5.8	3.6	11	0.54	0.13	e1.2
30	8.6	26	6.5	16	---	21	5.2	3.9	6.3	0.48	0.12	0.84
31	13	---	6.8	19	---	19	---	3.1	---	0.42	0.12	---
TOTAL	233.55	407.6	1133.8	598.7	709.0	495.7	534.6	158.5	66.30	42.15	11.07	9.38
MEAN	7.53	13.6	36.6	19.3	25.3	16.0	17.8	5.11	2.21	1.36	0.36	0.31
MAX	38	27	170	130	105	36	42	8.6	11	4.0	0.88	1.2
MIN	0.83	4.3	6.5	5.7	8.4	6.1	5.2	3.1	0.90	0.42	0.12	0.12
AC-FT	463	808	2250	1190	1410	983	1060	314	132	84	22	19
CFSM	2.24	4.04	10.9	5.75	7.54	4.76	5.30	1.52	0.66	0.40	0.11	0.09
IN.	2.59	4.51	12.55	6.63	7.85	5.49	5.92	1.75	0.73	0.47	0.12	0.10

WTR YR 2002 TOTAL 4400.35 MEAN 12.1 MAX 170 MIN 0.12 AC-FT 8730 CFSM 3.59 IN. 48.72

e Estimated