12210900 ANDERSON CREEK AT SMITH ROAD NEAR GOSHEN, WA

LOCATION.--Lat 48°49'58", long 122°20'16", in SW $^1/_4$ SE $^1/_4$ sec.30, T.39 N., R.4 E., Whatcom County, Hydrologic Unit 17110004, on left bank on the downstream side of Smith Road bridge, 1.5 mi south of Goshen and at mile 3.0.

DRAINAGE AREA.--8.96 mi^2.

PERIOD OF RECORD.--October 1998 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 200 ft above NGVD of 1929, from topographic map.

REMARKS.--Records fair except for estimated daily discharges, which are poor. No known diversions or regulation upstream of station.

AVERAGE DISCHARGE.--4 years (water years 1999-2002) 21.7 ft^3/s, 32.91 in/yr, 15,720 acre-ft/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 595 ft^3/s Dec. 14, 2001, gage height, 10.22 ft; no flow Aug. 15 to Sept. 2, 2002.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 595 ft^3/s Dec. 14, gage height 10.22 ft; no flow Aug. 15 to Sept. 2.

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	1.1	17	72	e30	37	15	21	5.2	2.5	3.7	0.31	e0.00
2	1.0	12	190	e70	36	13	18	4.9	2.2	2.7	0.34	e0.00
3	0.95	9.0	63	e54	76	12	15	4.6	2.0	2.3	0.26	e0.23
4	0.94	23	47	e40	52	11	13	4.5	1.9	2.0	0.27	0.28
5	0.83	26	42	e30	41	12	15	11	2.6	1.8	0.37	0.13
6	0.89	15	79	e70	58	9.1	34	9.3	2.0	1.5	0.44	0.09
7	0.94	9.9	50	e200	51	8.2	71	7.9	1.7	1.9	0.34	0.06
8	1.2	7.5	73	e250	42	7.7	32	e6.3	1.5	4.5	0.20	0.06
9	1.3	6.1	82	e140	29	8.6	43	e5.0	1.4	2.6	0.15	0.41
10	1.8	5.0	51	e90	28	13	84	e4.0	1.2	1.9	0.16	0.31
11	3.1	4.4	35	e50	25	40	50	e5.6	1.2	1.6	0.14	0.20
12	2.4	4.4	40	e80	19	40	45	e8.0	1.1	1.3	0.10	0.15
13	2.8	5.3	292	e56	16	46	55	e11	0.96	1.3	0.07	0.11
14	4.0	53	320	e38	13	43	98	e12	0.83	1.2	e0.04	0.09
15	3.4	66	100	e27	11	40	55	6.8	0.78	1.0	e0.00	0.06
16	3.4	38	222	20	9.9	38	64	5.3	0.76	0.88	e0.00	0.28
17	3.9	19	160	16	9.9	23	43	11	0.77	0.80	e0.00	1.2
18	4.6	13	65	15	14	20	31	7.8	2.3	0.82	e0.00	0.66
19	11	21	49	41	17	55	24	6.8	1.7	0.69	e0.00	0.51
20	6.7	37	33	48	16	45	20	12	1.3	0.59	e0.00	0.65
21	8.3	33	e23	34	141	32	17	8.7	1.1	0.56	e0.00	0.58
22	14	54	e18	32	381	37	14	7.0	0.86	0.47	e0.00	0.40
23	12	128	14	36	226	37	12	5.6	0.74	0.38	e0.00	0.38
24	18	52	11	59	79	31	10	4.8	0.79	0.33	e0.00	0.38
25	47	25	9.0	219	46	28	8.9	4.6	0.81	0.31	e0.00	0.34
26	43	17	e7.4	89	31	26	8.7	4.4	0.75	0.30	e0.00	0.29
27	102	18	e7.1	46	23	29	8.8	4.0	0.83	0.27	e0.00	0.26
28	29	67	8.7	29	19	37	7.0	4.0	2.6	0.28	e0.00	0.28
29	13	108	7.6	22	---	26	6.2	3.5	10	0.34	e0.00	0.83
30	9.3	65	6.5	20	---	22	5.6	3.6	5.6	0.34	e0.00	1.2
31	23	---	10	35	---	19	---	2.9	---	0.30	e0.00	---
TOTAL	374.85	958.6	2187.3	1986	1546.8	823.6	929.2	202.1	54.78	38.96	3.19	10.42
MEAN	12.1	32.0	70.6	64.1	55.2	26.6	31.0	6.52	1.83	1.26	0.10	0.35
MAX	102	128	320	250	381	55	98	12	10	4.5	0.44	1.2
MIN	0.83	4.4	6.5	15	9.9	7.7	5.6	2.9	0.74	0.27	0.00	0.00
AC-FT	744	1900	4340	3940	3070	1630	1840	401	109	77	6.3	21
CFSM	1.35	3.57	7.87	7.15	6.17	2.97	3.46	0.73	0.20	0.14	0.01	0.04
IN.	1.56	3.98	9.08	8.25	6.42	3.42	3.86	0.84	0.23	0.16	0.01	0.04

CAL YR 2001 TOTAL 7282.07 MEAN 20.0 MAX 320 MIN 0.26 AC-FT 14440 CFSM 2.23 IN. 30.23
WTR YR 2002 TOTAL 9115.80 MEAN 25.0 MAX 381 MIN 0.00 AC-FT 18080 CFSM 2.79 IN. 37.85

e Estimated