LAKE WASHINGTON BASIN

12117000 TAYLOR CREEK NEAR SELLECK, WA

LOCATION.--Lat 47°23'12", long 121°50'42", in NW $^1/_4$ NW $^1/_4$ sec.19, T.22 N., R.8 E., King County, Hydrologic Unit 17110012, Snoqualmie National Forest, on left bank 0.6 mi upstream from mouth, and 1.3 mi northeast of Selleck.

DRAINAGE AREA.--17.2 mi^2.

PERIOD OF RECORD.--June to October 1945, August 1956 to current year.

REVISED RECORDS.--WSP 1932: Drainage area.

GAGE.--Water-stage recorder. Elevation of gage is 940 ft above NGVD of 1929, from topographic map. June to October 1945 on right bank 350 ft downstream at different datum.

REMARKS.--No estimated daily discharges. Records good. No regulation or diversion upstream from station. U.S. Geological Survey satellite telemeter at station.

AVERAGE DISCHARGE.--46 years (water years 1957-2002), 97.4 ft^3/s, 76.93 in/yr, 70,550 acre-ft/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 3,130 ft^3/s Feb. 8, 1996, gage height, 5.53 ft from rating curve extended above 900 ft^3/s; minimum discharge, 15 ft^3/s Oct. 3, 4, 7-14, 1979, Oct. 28-31, Nov. 3-10, 1987.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 450 ft^3/s and maximum (*):

Date	Time	Discharge (ft^3/s)	Gage height (ft)	Date	Time	Discharge (ft^3/s)	Gage height (ft)
Nov. 14	1029	575	3.72	Jan. 7	2215	554	3.69
Dec. 13	1700	*878	*4.09	Feb. 22	0945	508	3.62
Dec. 16	0945	596	3.75	Apr. 14	0415	859	4.07

Minimum discharge, 21 ft^3/s Oct. 4-7, Sep. 22-30.

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	23	120	148	100	129	126	131	127	112	88	36	25
2	22	119	144	107	122	118	126	133	104	77	35	29
3	22	101	126	100	124	113	121	127	98	70	34	37
4	22	93	118	99	118	109	120	119	95	66	34	26
5	21	100	111	95	117	114	129	128	106	63	34	25
6	21	84	128	117	118	105	164	119	106	59	41	25
7	21	76	118	369	128	100	175	114	102	58	35	24
8	31	70	116	390	131	96	155	108	101	60	33	24
9	35	65	127	281	122	94	158	103	93	55	32	24
10	35	60	117	207	120	96	196	100	88	53	32	24
11	96	56	109	173	117	235	216	97	84	50	32	23
12	57	57	121	177	111	210	295	99	82	49	31	23
13	79	92	591	153	105	168	387	112	81	48	30	23
14	96	423	439	140	101	150	654	124	81	47	29	22
15	75	278	276	130	98	141	359	115	79	46	28	22
16	58	203	494	123	96	130	270	108	75	45	28	24
17	49	155	413	116	96	118	220	111	73	44	28	24
18	43	125	287	114	113	114	190	107	91	43	28	23
19	62	134	228	121	122	142	174	105	82	43	28	22
20	57	128	191	142	118	206	161	112	73	42	29	24
21	57	135	168	132	270	149	152	116	70	41	28	22
22	71	211	152	118	407	131	161	127	67	40	28	22
23	75	256	140	113	316	122	153	118	64	39	27	21
24	83	182	131	202	245	122	143	110	62	38	26	21
25	123	146	124	323	191	137	136	106	60	38	26	21
26	98	126	118	214	164	133	132	105	58	38	27	21
27	89	113	114	165	147	129	133	111	61	38	26	21
28	76	112	115	143	136	136	125	153	97	38	25	21
29	66	138	107	131	---	134	122	167	161	42	25	22
30	71	126	103	131	---	133	124	141	102	39	25	21
31	120	---	105	140	---	128	---	124	---	37	25	---
TOTAL	1854	4084	5779	5066	4182	4139	5782	3646	2608	1534	925	706
MEAN	59.81	136.1	186.4	163.4	149.4	133.5	192.7	117.6	86.93	49.48	29.84	23.53
MAX	123	423	591	390	407	235	654	167	161	88	41	37
MIN	21	56	103	95	96	94	120	97	58	37	25	21
AC-FT	3680	8100	11460	10050	8290	8210	11470	7230	5170	3040	1830	1400
CFSM	3.48	7.91	10.8	9.50	8.68	7.76	11.2	6.84	5.05	2.88	1.73	1.37
IN.	4.01	8.83	12.50	10.96	9.04	8.95	12.51	7.89	5.64	3.32	2.00	1.53

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1956 - 2002, BY WATER YEAR (WY)

MEAN	47.95	113.6	152.3	167.3	151.1	125.8	123.0	101.7	75.47	48.23	31.96	33.30
MAX	132	317	291	285	337	313	193	158	171	91.3	56.3	128
(WY)	1960	1991	1976	1997	1996	1972	2002	1971	1964	1993	1968	1959
MIN	16.5	21.0	55.3	62.3	55.2	68.5	68.5	52.5	34.4	25.6	19.6	17.9
(WY)	1988	1988	2001	1988	1977	1992	1995	1992	1992	1958	1958	1998

SUMMARY STATISTICS	FOR 2001 CALENDAR YEAR		FOR 2002 WATER YEAR		WATER YEARS 1956 - 2002	
ANNUAL TOTAL	29931		40305			
ANNUAL MEAN	82.00		110.4		97.39	
HIGHEST ANNUAL MEAN					141	1972
LOWEST ANNUAL MEAN					59.5	1977
HIGHEST DAILY MEAN	591	Dec 13	654	Apr 14	2190	Feb 8 1996
LOWEST DAILY MEAN	21	Oct 5	21	Oct 5	15	Oct 3 1979
ANNUAL SEVEN-DAY MINIMUM	22	Oct 1	21	Sep 22	15	Oct 7 1979
ANNUAL RUNOFF (AC-FT)	59370		79940		70550	
ANNUAL RUNOFF (CFSM)	4.77		6.42		5.66	
ANNUAL RUNOFF (INCHES)	64.73		87.17		76.93	
10 PERCENT EXCEEDS	138		190		184	
50 PERCENT EXCEEDS	68		106		78	
90 PERCENT EXCEEDS	28		25		26	