12121600 ISSAQUAH CREEK NEAR MOUTH, NEAR ISSAQUAH, WA

LOCATION.--Lat 47°33'09", long 122°02'48", in SE 1/4 NW 1/4 sec.21, T.24 N., R.6 E., King County, Hydrologic Unit 17110012, on right bank 30 ft downstream from S.E. 56th Street bridge, 0.7 mi downstream from North Fork, 1.2 mi upstream from mouth, 1.6 mi northwest of Issaquah, and at mile 24.1 (continuation of Sammamish River).

DRAINAGE AREA.--56.6 mi^2, includes 1.9 mi^2 of Cedar River drainage from upper Rock Creek which normally is diverted into Issaquah Creek.

PERIOD OF RECORD.--September 1963 to current year.

REVISED RECORDS.--WDR WA-77-1: Drainage area.

GAGE.--Water-stage recorder and crest-stage gage. Datum of gage is 35.99 ft above sea level.

REMARKS.--Records good, except for estimated daily discharges, which are fair. Many minor diversions for irrigation and domestic use upstream from station. Chemical analyses November 1964 to September 1971, October 1973 to September 1974. Water temperatures September 1970 to September 1971. U.S. Geological Survey satellite telemeter at station.

AVERAGE DISCHARGE.--38 years (water years 1964-2001), 132 ft^3/s, 31.73 in/yr, 95,760 acre-ft/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 3,200 ft^3/s Jan. 9, 1990, gage height, 13.50 ft; minimum discharge, 10 ft^3/s Aug. 12, 1984, Sept. 29, 1994.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 800 ft^3/s and maximum (*):

Date	Time	Discharge (ft^3/s)	Gage height (ft)
Apr. 30	1530	*431	*5.51

Minimum discharge, 18 ft^3/s Sept. 12-15, but may have been lower during period of missing record.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	64	30	82	120	65	e72	140	246	49	e65	e33	e25
2	37	28	87	101	82	72	164	203	57	e58	e30	e25
3	30	27	75	96	81	66	163	158	122	e53	e28	e25
4	27	33	67	135	147	62	140	136	85	e48	e28	e24
5	24	31	60	249	135	59	135	123	66	e43	e28	e24
6	23	40	55	177	114	55	166	108	60	e40	e25	23
7	23	35	51	142	99	54	139	96	56	e37	e25	23
8	21	100	49	123	101	55	132	88	50	e35	e23	23
9	25	102	59	109	100	69	120	82	64	e33	e23	22
10	26	74	58	105	89	61	170	76	60	29	e21	21
11	26	60	52	96	82	56	248	71	175	28	e20	20
12	24	52	48	88	75	54	189	67	255	27	e20	20
13	24	48	46	90	73	56	164	63	201	27	e20	20
14	29	44	51	99	67	53	142	88	148	28	e20	20
15	26	41	63	90	67	74	125	143	122	29	e20	20
16	38	38	82	79	87	106	114	170	105	74	e20	20
17	52	36	124	75	95	82	119	118	94	51	e20	21
18	62	34	87	80	97	141	117	101	86	42	e20	20
19	45	32	77	90	88	239	105	91	81	37	e20	22
20	192	32	69	84	79	160	93	85	73	35	e20	20
21	172	31	66	141	75	127	87	77	67	33	e25	19
22	78	29	74	147	76	110	78	77	62	33	e60	21
23	53	43	84	134	69	96	78	72	60	35	e90	21
24	42	48	110	103	68	88	74	69	64	35	e65	20
25	34	47	102	95	64	97	68	64	68	34	e40	21
26	30	105	91	85	58	107	63	55	61	e32	e35	44
27	29	266	90	76	56	106	60	48	76	e30	e30	40
28	50	129	79	72	e59	120	74	54	114	e60	e30	26
29	43	102	73	79	---	111	112	55	81	e45	e28	22
30	34	100	93	68	---	114	301	46	76	e40	e25	20
31	31	---	118	66	---	134	---	44	---	e37	e25	---
TOTAL	1414	1817	2322	3294	2348	2856	3880	2974	2738	1233	917	692
MEAN	45.6	60.6	74.9	106	83.9	92.1	129	95.9	91.3	39.8	29.6	23.1
MAX	192	266	124	249	147	239	301	246	255	74	90	44
MIN	21	27	46	66	56	53	60	44	49	27	20	19
AC-FT	2800	3600	4610	6530	4660	5660	7700	5900	5430	2450	1820	1370
CFSM	.81	1.07	1.32	1.88	1.48	1.63	2.29	1.69	1.61	.70	.52	.41
IN.	.93	1.19	1.53	2.16	1.54	1.88	2.55	1.95	1.80	.81	.60	.45

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1964 - 2001, BY WATER YEAR (WY)

MEAN	54.0	160	245	272	226	195	151	94.9	78.3	46.6	32.5	36.7
MAX	151	440	520	472	546	420	280	166	179	116	56.4	85.5
(WY)	1976	1991	1976	1964	1982	1972	1991	1996	1964	1997	1976	1978
MIN	19.6	24.6	74.9	106	70.8	86.2	81.5	56.0	29.8	25.2	16.6	19.1
(WY)	1988	1980	2001	2001	1993	1992	1977	1992	1992	1995	1994	1987

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SUMMARY STATISTICS	FOR 2000 CALENDAR YEAR		FOR 2001 WATER YEAR		WATER YEARS 1964 - 2001	
ANNUAL TOTAL	33966		26485			
ANNUAL MEAN	92.8		72.6		132	
HIGHEST ANNUAL MEAN					197	1972
LOWEST ANNUAL MEAN					72.6	2001
HIGHEST DAILY MEAN	418	Feb 1	301	Apr 30	2350	Nov 24 1986
LOWEST DAILY MEAN	19	Sep 26	19	Sep 21	13	Aug 28 1994
ANNUAL SEVEN-DAY MINIMUM	20	Sep 22	20	Aug 11	14	Aug 27 1994
ANNUAL RUNOFF (AC-FT)	67370		52530		95760	
ANNUAL RUNOFF (CFSM)	1.64		1.28		2.34	
ANNUAL RUNOFF (INCHES)	22.32		17.41		31.73	
10 PERCENT EXCEEDS	185		135		278	
50 PERCENT EXCEEDS	78		64		87	
90 PERCENT EXCEEDS	23		23		27	

e Estimated