

HOKO RIVER BASIN

12043300 HOKO RIVER NEAR SEKIU, WA

LOCATION.--Lat 48°14'30", long 124°22'57", in NE 1/4 SW 1/4 sec.28, T.32 N., R.13 W., Clallam County, Hydrologic Unit 17110021, on right bank 2.2 mi upstream from Little Hoko River, 4.0 mi southwest of Sekiu and at mile 5.3.

DRAINAGE AREA.--51.2 mi².

PERIOD OF RECORD.--July 1962 to September 1974, water years 1976-78 (annual maximum), June 1983 to September 1995 (seasonal records), October 1995 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 50 ft above NGVD of 1929, from topographic map.

REMARKS.--Records good except for period Dec. 16 to Feb. 5, and estimated periods, which are fair. No regulation or diversion upstream from station.

AVERAGE DISCHARGE.--19 years (water years 1963-74, 1996-2002), 412 ft³/s, 109.23 in/yr, 298,200 acre-ft/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 19,400 ft³/s Dec. 15, 1999, gage height, 16.75 ft, from rating curve extended above 2,100 ft³/s, on basis of slope-area measurement at gage height, 12.49 ft; minimum discharge, 11 ft³/s Oct. 1-13, 21-24, 1987, Aug. 29, 30, 1992, Sept. 30, 1998, Oct. 01, 1999.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 4,400 ft³/s and maximum (*):

Date	Time	Discharge (ft ³ /s)	Gage height (ft)	Date	Time	Discharge (ft ³ /s)	Gage height (ft)
Dec. 13	2300	6,210	9.32	Jan. 07	1645	6,500	9.54
Dec. 16	2000	8,370	10.86	Feb. 22	0230	*10,200	*12.05

Minimum discharge, 15 ft³/s Aug. 28-31, Sept. 1, 2, 14, 15.

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	113	742	e1500	693	672	279	392	121	128	151	30	15
2	96	765	e1300	934	571	247	324	117	114	126	30	22
3	85	526	e900	757	739	224	276	112	105	112	29	28
4	74	542	e700	609	639	203	241	113	99	108	34	25
5	68	486	e600	549	637	191	220	148	121	99	45	22
6	64	409	801	1100	1250	173	233	135	113	88	35	19
7	62	336	707	3970	1430	163	294	122	100	81	31	17
8	65	285	904	3010	1190	156	235	111	93	91	29	19
9	61	247	824	1410	1000	151	249	106	85	81	28	29
10	79	218	720	858	801	219	338	102	80	73	27	24
11	125	197	618	661	750	1240	316	96	78	66	26	20
12	485	221	754	960	594	891	432	91	74	62	25	18
13	440	317	2920	776	500	1030	1230	90	68	59	e23	16
14	515	1040	2730	590	429	812	1830	106	64	57	e22	15
15	361	2090	1330	484	384	744	1160	92	64	54	e22	17
16	304	1140	5270	425	359	625	960	85	60	51	21	86
17	253	671	2890	369	360	471	713	93	68	51	20	60
18	270	478	1530	333	370	411	510	84	93	50	19	37
19	584	950	1290	404	558	603	398	79	76	50	19	40
20	429	1270	890	656	499	644	326	85	66	46	19	55
21	407	998	677	644	4990	474	280	83	60	43	18	40
22	575	757	575	611	6240	393	249	78	55	40	18	32
23	886	565	483	640	1890	366	219	74	53	38	17	28
24	689	482	424	1990	920	368	196	70	52	36	17	26
25	1080	403	376	1690	610	327	180	71	50	36	18	24
26	1030	379	350	935	466	337	177	72	47	36	18	22
27	922	379	330	679	379	354	169	70	48	35	17	21
28	585	e600	364	524	321	464	149	91	90	35	16	20
29	428	e900	312	428	---	395	139	242	357	35	15	21
30	361	e800	315	606	---	375	129	188	195	34	15	20
31	822	---	353	878	---	361	---	148	---	32	15	---
TOTAL	12318	19193	33737	29173	29548	13691	12564	3275	2756	1956	718	838
MEAN	397	640	1088	941	1055	442	419	106	91.9	63.1	23.2	27.9
MAX	1080	2090	5270	3970	6240	1240	1830	242	357	151	45	86
MIN	61	197	312	333	321	151	129	70	47	32	15	15
AC-FT	24430	38070	66920	57860	58610	27160	24920	6500	5470	3880	1420	1660
CFSM	7.76	12.5	21.3	18.4	20.6	8.63	8.18	2.06	1.79	1.23	0.45	0.55
IN.	8.95	13.94	24.51	21.20	21.47	9.95	9.13	2.38	2.00	1.42	0.52	0.61

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1962 - 2002, BY WATER YEAR (WY)

	MEAN	309	726	883	898	682	536	328	184	110	68.6	44.5	70.1
MAX	907	1706	1376	1414	1410	1140	625	383	373	296	288	322	
(WY)	1968	1996	1967	1997	1999	1997	1970	1974	1997	1997	1991	1968	
MIN	13.0	200	464	427	251	177	146	81.4	35.3	22.0	14.6	14.6	
(WY)	1988	2001	2001	1963	2001	1965	1973	1998	1972	1967	1967	1998	

SUMMARY STATISTICS FOR 2001 CALENDAR YEAR FOR 2002 WATER YEAR WATER YEARS 1962 - 2002

ANNUAL TOTAL		121891		159767								
ANNUAL MEAN		334		438								
HIGHEST ANNUAL MEAN									412			
LOWEST ANNUAL MEAN									585			1974
HIGHEST DAILY MEAN									231			2001
LOWEST DAILY MEAN									9320			Dec 15 1999
ANNUAL SEVEN-DAY MINIMUM									11			Oct 10 1987
ANNUAL RUNOFF (AC-FT)									11			Oct 10 1987
ANNUAL RUNOFF (CFSM)									298200			
ANNUAL RUNOFF (INCHES)									8.55			8.04
10 PERCENT EXCEEDS									116.08			109.23
50 PERCENT EXCEEDS									954			1000
90 PERCENT EXCEEDS									233			204
									24			30

e Estimated