12041200 HOH RIVER AT U.S. HIGHWAY 101, NEAR FORKS, WA

LOCATION.--Lat 47°48'25", long 124°14'59", in NE 1/4 NE 1/4 sec.33, T.27 N., R.12 W., Jefferson County, Hydrologic Unit 17100101, on left bank 250 ft downstream from U.S. Highway 101, 1.0 mi downstream from Hell Roaring Creek, 11.5 mi southeast of Forks, and at mile 15.4.

DRAINAGE AREA.--253 mi^2.

PERIOD OF RECORD.--October 1960 to current year.

GAGE.--Water-stage recorder. Datum of gage is 163.64 ft above sea level.

REMARKS.--No estimated daily discharges. Records good. No regulation or diversion upstream from station. Chemical analyses July 1960 to September 1961, November 1961 to September 1970 (partial-record station), October 1971 to September 1974. Prior to November 1961, published as Hoh River near Forks (Spruce). U.S. Geological Survey satellite telemeter at station. Water temperatures November 1970 to April 1971.

AVERAGE DISCHARGE.--41 years (water years 1961-2001), 1,815 ft^3/s, 136.07 in/yr, 1,836,000 acre-ft/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 54,500 ft^3/s Nov. 24, 1990, gage height, 19.61 ft from rating curve extended above 34,000 ft^3/s on basis of slope-area measurement at gage height 17.74 ft; minimum discharge, 249 ft^3/s Oct. 23, 1987, gage height, 2.13 ft.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 16,000 ft^3/s and maximum (*):

Date	Time	Discharge (ft^3/s)	Gage height (ft)	Date	Time	Discharge (ft^3/s)	Gage height (ft)
Jan. 05	0500	*16,100	*9.93	No other peak greater than base discharge.			

Minimum discharge, 674 ft^3/s Sept. 21.

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	2500	1530	3210	1820	2460	1120	2300	3560	2030	1600	970	1910
2	1710	1400	6070	1580	3190	1410	1980	3080	2240	1500	1080	1680
3	1290	1330	3410	1610	2830	1180	1760	2510	2120	1570	1900	1630
4	1070	2350	2480	3280	3110	1020	1590	2270	1700	1720	2240	1440
5	924	1890	2060	11300	3120	951	1560	2630	1570	1740	1740	1260
6	827	1670	1850	4820	2470	949	1750	2220	1630	1530	2170	1120
7	765	1470	1690	3250	2100	981	1600	1980	1660	1440	1880	1030
8	752	1510	1550	2820	1970	1040	1490	1870	1690	1440	1530	987
9	914	1370	1450	2540	1780	1020	1350	1840	2240	1550	1370	1020
10	1140	1250	1320	2630	1630	955	1390	1730	2150	1670	1380	1020
11	919	1150	1230	2210	1500	902	1360	1660	2150	1650	1390	1050
12	821	1090	1160	1970	1390	859	1260	1740	2120	1550	1350	1050
13	759	1020	1090	1800	1300	1030	1360	1870	1780	1400	1330	1070
14	799	962	1120	1650	1220	1140	1260	2470	1690	1320	1340	1120
15	719	905	1230	1520	1180	1110	1170	2940	1690	1290	1310	1110
16	838	871	4350	1410	1320	1160	1120	3980	1630	1260	1320	963
17	4870	839	4710	1340	1380	1070	2520	2780	1590	1200	1290	884
18	5970	806	2660	1650	1300	2080	3380	2210	1530	1150	1140	816
19	3210	791	2100	2200	1240	3690	2460	1990	1520	1100	995	772
20	9180	767	1830	1840	1170	2410	1990	1880	1610	1060	918	716
21	5060	762	1770	2980	1120	1940	1730	1800	1770	1070	1280	761
22	3100	734	2060	2430	1130	1680	1600	2200	1830	1110	6170	925
23	2360	933	2460	1960	1090	1510	2030	2760	1660	1210	5990	998
24	2000	1150	2480	1800	1060	1450	1860	2740	1560	1330	4160	1020
25	1750	1120	2440	1650	1020	2180	1920	2340	1510	1350	2570	988
26	1580	2100	2210	1490	976	2480	1980	2190	1410	1260	2060	1520
27	1480	2700	2080	1380	944	2080	2000	2120	1890	1200	1800	1540
28	2420	1840	1830	1320	934	2240	2120	2100	2610	1460	1700	1090
29	2480	1810	1650	1850	---	2080	2570	1880	1980	1300	1630	1070
30	1920	3320	1710	3090	---	2030	3200	1630	1710	1110	1530	966
31	1680	---	1950	3600	---	2150	---	1640	---	1030	1510	---
TOTAL	65807	41440	69210	76790	45934	47897	55660	70610	54270	42170	59043	33526
MEAN	2123	1381	2233	2477	1640	1545	1855	2278	1809	1360	1905	1118
MAX	9180	3320	6070	11300	3190	3690	3380	3980	2610	1740	6170	1910
MIN	719	734	1090	1320	934	859	1120	1630	1410	1030	918	716
AC-FT	130500	82200	137300	152300	91110	95000	110400	140100	107600	83640	117100	66500
CFSM	8.39	5.46	8.82	9.79	6.48	6.11	7.33	9.00	7.15	5.38	7.53	4.42
IN.	9.68	6.09	10.18	11.29	6.75	7.04	8.18	10.38	7.98	6.20	8.68	4.93

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1961 - 2001, BY WATER YEAR (WY)

MEAN	2134	3953	4164	3750	3389	2668	2102	2052	2107	1705	1266	1166
MAX	5602	10690	8701	6780	6214	5697	3248	2915	3117	2820	2557	2266
(WY)	1968	1991	1980	1974	1982	1972	1981	1997	1964	1999	1991	1969
MIN	381	1022	1282	992	1121	1261	925	1531	1285	1012	760	603
(WY)	1988	1994	1986	1979	1993	1992	1975	1995	1992	1992	1994	1993

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SUMMARY STATISTICS	FOR 2000 CALENDAR YEAR		FOR 2001 WATER YEAR		WATER YEARS 1961 - 2001	
ANNUAL TOTAL	735251		662357			
ANNUAL MEAN	2009		1815		2534	
HIGHEST ANNUAL MEAN					3452	1999
LOWEST ANNUAL MEAN					1645	1977
HIGHEST DAILY MEAN	9180	Oct 20	11300	Jan 5	39000	Nov 23 1990
LOWEST DAILY MEAN	614	Sep 27	716	Sep 20	252	Oct 23 1987
ANNUAL SEVEN-DAY MINIMUM	736	Sep 22	796	Nov 16	259	Oct 19 1987
ANNUAL RUNOFF (AC-FT)	1458000		1314000		1836000	
ANNUAL RUNOFF (CFSM)	7.94		7.17		10.0	
ANNUAL RUNOFF (INCHES)	108.11		97.39		136.07	
10 PERCENT EXCEEDS	3050		2750		4630	
50 PERCENT EXCEEDS	1840		1610		1810	
90 PERCENT EXCEEDS	962		965		889	