

## CHEHALIS RIVER BASIN

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12020800 SOUTH FORK CHEHALIS RIVER NEAR WILDWOOD, WA

LOCATION.--Lat 46°26'42", long 123°04'57", in NW 1/4 NE 1/4 sec.17, T.11 N., R.3 W., Lewis County, Hydrologic Unit 17100103, on left bank at Wildwood Road bridge, 0.4 mi downstream from Black Creek, 1.2 mi southeast of Wildwood, and at mile 16.2.

DRAINAGE AREA.--27.0 mi<sup>2</sup>.

PERIOD OF RECORD.--October 1998, to current year (seasonal records).

GAGE.--Water-stage recorder and crest-stage gage. Datum of gage is NGVD of 1929 (levels by Lewis County).

REMARKS.--Records good except for estimated discharges and daily discharges Oct. 31 to Nov. 13, which are fair. No regulation or diversion upstream from station. U.S. Geological Survey satellite telemeter at station.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 4,370 ft<sup>3</sup>/s Nov. 25, 1998, elevation, 361.44 ft, from floodmarks; minimum daily discharge, 7.2 ft<sup>3</sup>/s, Oct. 19, 21-23, 1999.

EXTREMES OUTSIDE PERIOD OF RECORD.--Flood of Feb. 8, 1996, reached a stage of 363.57 ft from floodmarks, discharge, 5,620 ft<sup>3</sup>/s, from rating curve extended above 2,600 ft<sup>3</sup>/s.

EXTREMES FOR PERIOD OCTOBER TO APRIL.--Maximum discharge, 3,310 ft<sup>3</sup>/s Dec. 16, elevation 359.69 ft; minimum discharge, 9.3 ft<sup>3</sup>/s Oct. 18, 19.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2001 TO APRIL 2002  
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR
1	---	134	1470	109	243	110	89
2	---	96	998	112	215	94	83
3	---	70	606	106	261	86	80
4	---	59	542	103	244	79	74
5	---	57	460	101	220	76	70
6	---	51	538	200	241	77	65
7	---	48	485	1760	363	70	64
8	---	48	384	1240	431	65	62
9	---	46	310	567	352	64	72
10	---	44	276	367	284	e94	149
11	---	42	264	278	236	e840	142
12	---	45	268	281	197	e760	153
13	---	148	1130	236	168	e680	338
14	---	2420	1290	202	143	e560	948
15	15	961	756	174	124	e460	542
16	12	455	2230	154	116	e365	---
17	11	283	1740	136	105	e290	---
18	9.9	204	884	121	100	e250	---
19	10	185	669	139	142	e310	---
20	11	327	501	211	130	445	---
21	11	428	379	241	413	345	---
22	50	845	301	217	319	e270	---
23	74	647	247	208	268	e235	---
24	47	420	207	819	218	204	---
25	41	297	176	1880	182	180	---
26	36	227	155	823	158	160	---
27	39	181	143	478	136	142	---
28	38	532	144	332	119	133	---
29	31	844	122	257	---	119	---
30	36	686	111	215	---	109	---
31	159	---	105	269	---	98	---
TOTAL	630.9	10830	17891	12336	6128	7770	2931
MEAN	37.11	361.0	577.1	397.9	218.9	250.6	195.4
MAX	159	2420	2230	1880	431	840	948
MIN	9.9	42	105	101	100	64	62
AC-FT	1250	21480	35490	24470	12150	15410	5810
CFSM	1.37	13.4	21.4	14.7	8.11	9.28	7.24
IN.	0.87	14.92	24.65	17.00	8.44	10.71	4.04

e Estimated