

Water-Data Report 2011

12020800 SOUTH FORK CHEHALIS RIVER NEAR WILDWOOD, WA

Washington Coastal Basin
Upper Chehalis Subbasin

LOCATION.--Lat 46°26'42", long 123°04'57" referenced to North American Datum of 1927, in NW ¼ NE ¼ sec.17, T.11 N., R.3 W., Lewis County, WA, 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 mi².

SURFACE-WATER RECORDS

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 fair except discharges above 1,500 ft³/s, which are poor. No regulation or diversion upstream from station. U.S. Geological Survey satellite telemeter at station.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 12,200 ft³/s, Dec. 3, 2007, gage height, 365.98 ft; minimum discharge, 4.5 ft³/s, Oct. 17, 18, 19, 2002.

EXTREMES OUTSIDE PERIOD OF RECORD.--Flood of Feb. 8, 1996, reached a stage of 363.57 ft from floodmarks, discharge, 5,620 ft³/s, from rating curve extended above 2,600 ft³/s.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 2,000 ft³/s, Dec. 12, gage height, 359.86 ft; minimum discharge, 21 ft³/s, Oct. 19-23.

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DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011
DAILY MEAN VALUES
[e, estimated]

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	26	194	320	217	97	177	185	---	---	---	---	---
2	25	197	236	198	94	221	159	---	---	---	---	---
3	24	107	196	185	92	236	140	---	---	---	---	---
4	24	76	170	174	91	224	157	---	---	---	---	---
5	23	63	153	172	89	277	196	---	---	---	---	---
6	23	58	141	170	88	215	243	---	---	---	---	---
7	23	70	135	176	94	173	207	---	---	---	---	---
8	22	62	169	182	93	163	172	---	---	---	---	---
9	30	82	275	173	89	423	148	---	---	---	---	---
10	92	110	354	165	87	1,330	138	---	---	---	---	---
11	44	85	386	160	85	592	146	---	---	---	---	---
12	32	73	1,160	325	92	352	131	---	---	---	---	---
13	28	65	e910	1,120	105	307	122	---	---	---	---	---
14	25	60	e625	774	122	408	143	---	---	---	---	---
15	24	55	541	615	157	421	178	---	---	---	---	---
16	23	58	435	1,100	172	471	177	---	---	---	---	---
17	23	152	340	667	146	351	155	---	---	---	---	---
18	22	403	296	352	132	261	138	---	---	---	---	---
19	21	410	263	242	120	206	124	---	---	---	---	---
20	21	330	240	190	110	172	115	---	---	---	---	---
21	21	254	223	167	104	157	107	---	---	---	---	---
22	21	212	206	145	103	139	100	---	---	---	---	---
23	21	180	198	131	100	128	95	---	---	---	---	---
24	41	157	189	122	96	121	92	---	---	---	---	---
25	201	144	184	113	93	115	107	---	---	---	---	---
26	253	152	199	107	89	115	118	---	---	---	---	---
27	181	158	293	101	96	118	113	---	---	---	---	---
28	90	144	540	101	206	118	140	---	---	---	---	---
29	64	138	372	108	---	143	131	---	---	---	---	---
30	54	292	285	103	---	182	120	---	---	---	---	---
31	56	---	244	101	---	206	---	---	---	---	---	---
Total	1,578	4,541	10,278	8,656	3,042	8,522	4,297	---	---	---	---	---
Mean	50.9	151	332	279	109	275	143	---	---	---	---	---
Max	253	410	1,160	1,120	206	1,330	243	---	---	---	---	---
Min	21	55	135	101	85	115	92	---	---	---	---	---
Ac-ft	3,130	9,010	20,390	17,170	6,030	16,900	8,520	---	---	---	---	---
Cfsm	1.89	5.61	12.3	10.3	4.02	10.2	5.30	---	---	---	---	---
In.	2.17	6.26	14.16	11.93	4.19	11.74	5.92	---	---	---	---	---

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