

CHEHALIS RIVER BASIN

12024000 SOUTH FORK NEWAUKUM RIVER NEAR ONALASKA, WA

LOCATION.--Lat 46°34'33", long 122°41'02", on south line of SE 1/4 sec.28, T.13 N., R.1 E., Lewis County, Hydrologic Unit 17100103, on right bank at Jorgenson Road bridge, 1 mi upstream from Lost Creek, 1.7 mi east of Onalaska, and at mile 22.8.

DRAINAGE AREA.--42.4 mi<sup>2</sup>.

PERIOD OF RECORD.--July to October 1942, July to October 1943, July 1944 to November 1948, June 1957 to September 1971, October 1943 to September 1958, published as Newaukum River near Onalaska, 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). Prior to October 1998 at same site at different datum. Prior to September 28, 1944, nonrecording gage at same site at different datum.

REMARKS.--Records good except for estimated daily discharges, which are fair. Probably some small diversions for irrigation and domestic use upstream from station. No regulation. U.S. Geological Survey satellite telemeter at station.

AVERAGE DISCHARGE.--18 years (water years 1944-48, 1957-71) 200 ft<sup>3</sup>/s, 64.06 in/yr, 144,900 acre-ft/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 3,810 ft<sup>3</sup>/s Dec. 11, 1946, gage height, 8.40 ft, datum then in use; minimum discharge, 17.5 ft<sup>3</sup>/s Sept. 6-8, 1958.

EXTREMES FOR PERIOD OCTOBER TO APRIL.--Maximum discharge 2,140 ft<sup>3</sup>/s Jan. 25, elevation 534.68 ft; minimum discharge 47 ft<sup>3</sup>/s Oct. 19, 21.

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

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR
1	---	270	1120	175	331	226	234
2	---	250	1000	197	295	204	220
3	---	200	708	178	351	187	207
4	---	164	585	164	333	174	199
5	---	155	506	158	310	171	202
6	---	130	589	198	343	181	217
7	---	113	544	768	465	162	219
8	---	103	485	848	648	153	196
9	---	96	487	576	547	150	213
10	---	90	467	389	433	169	407
11	---	85	490	307	380	585	588
12	---	90	473	320	322	e720	658
13	---	123	1050	277	285	e880	696
14	---	1250	1320	244	251	e640	1170
15	77	826	874	216	228	e470	728
16	63	528	1410	203	217	e380	---
17	57	339	1510	191	203	e320	---
18	50	257	896	182	229	e285	---
19	51	258	702	260	285	e620	---
20	50	275	542	413	279	785	---
21	57	407	417	456	498	568	---
22	120	877	340	352	559	447	---
23	236	945	288	305	777	380	---
24	209	578	252	731	756	358	---
25	234	417	224	1680	483	341	---
26	169	333	202	971	359	316	---
27	150	271	188	610	297	304	---
28	129	537	193	437	257	311	---
29	110	850	170	343	---	296	---
30	117	814	159	311	---	272	---
31	241	---	160	356	---	250	---
TOTAL	2120	11631	18351	12816	10721	11305	6154
MEAN	124.7	387.7	592.0	413.4	382.9	364.7	410.3
MAX	241	1250	1510	1680	777	880	1170
MIN	50	85	159	158	203	150	196
AC-FT	4210	23070	36400	25420	21270	22420	12210
CFSM	2.94	9.14	14.0	9.75	9.03	8.60	9.68
IN.	1.86	10.20	16.10	11.24	9.41	9.92	5.40

e Estimated