

Water-Data Report 2011

**12024000 SOUTH FORK NEWAUKUM RIVER NEAR ONALASKA, WA**

Washington Coastal Basin  
Upper Chehalis Subbasin

LOCATION.--Lat 46°34'33", long 122°41'02" referenced to North American Datum of 1927, in SW ¼ SE ¼ sec.28, T.13 N., R.1 E., Lewis County, WA, 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>.

**SURFACE-WATER RECORDS**

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

AVERAGE DISCHARGE FOR PERIOD OF RECORD.--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, 8,750 ft<sup>3</sup>/s, Jan. 7, 2009, gage height, 539.21 ft; minimum discharge, 8.9 ft<sup>3</sup>/s, Oct. 1-4, 2003.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 3,100 ft<sup>3</sup>/s, Jan. 16, gage height, 535.33 ft; minimum discharge, 31 ft<sup>3</sup>/s, Oct. 6-9, gage height, 529.53 ft.

## 12024000 SOUTH FORK NEWAUKUM RIVER NEAR ONALASKA, WA—Continued

**DISCHARGE, CUBIC FEET PER SECOND**  
**WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011**  
**DAILY MEAN VALUES**

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	40	578	592	282	263	315	1,010	---	---	---	---	---
2	38	724	432	249	241	412	750	---	---	---	---	---
3	36	401	339	225	224	430	577	---	---	---	---	---
4	36	282	284	204	247	427	639	---	---	---	---	---
5	34	226	250	227	261	509	795	---	---	---	---	---
6	32	210	225	302	270	442	718	---	---	---	---	---
7	32	429	221	393	386	372	595	---	---	---	---	---
8	32	357	342	413	370	336	490	---	---	---	---	---
9	57	361	618	365	317	607	417	---	---	---	---	---
10	168	360	727	318	278	1,530	379	---	---	---	---	---
11	118	303	593	280	248	941	409	---	---	---	---	---
12	82	274	1,170	447	249	766	371	---	---	---	---	---
13	67	241	1,580	1,240	267	727	341	---	---	---	---	---
14	58	313	1,310	1,010	284	859	360	---	---	---	---	---
15	54	377	1,010	897	315	844	408	---	---	---	---	---
16	49	556	780	2,240	331	851	412	---	---	---	---	---
17	46	647	600	1,490	299	679	373	---	---	---	---	---
18	43	902	501	1,020	270	559	326	---	---	---	---	---
19	41	686	423	727	242	474	287	---	---	---	---	---
20	40	500	371	572	219	404	258	---	---	---	---	---
21	39	384	323	721	202	388	236	---	---	---	---	---
22	38	320	284	688	200	369	214	---	---	---	---	---
23	39	269	261	549	197	331	199	---	---	---	---	---
24	77	229	245	469	186	309	200	---	---	---	---	---
25	576	209	262	401	167	316	302	---	---	---	---	---
26	857	243	286	348	155	302	359	---	---	---	---	---
27	815	276	359	310	168	358	381	---	---	---	---	---
28	395	260	616	286	305	389	466	---	---	---	---	---
29	282	239	511	330	---	432	440	---	---	---	---	---
30	228	359	393	305	---	1,130	373	---	---	---	---	---
31	277	---	326	289	---	1,460	---	---	---	---	---	---
<b>Total</b>	4,726	11,515	16,234	17,597	7,161	18,268	13,085	---	---	---	---	---
<b>Mean</b>	152	384	524	568	256	589	436	---	---	---	---	---
<b>Max</b>	857	902	1,580	2,240	386	1,530	1,010	---	---	---	---	---
<b>Min</b>	32	209	221	204	155	302	199	---	---	---	---	---
<b>Ac-ft</b>	9,370	22,840	32,200	34,900	14,200	36,230	25,950	---	---	---	---	---
<b>Cfsm</b>	3.60	9.05	12.4	13.4	6.03	13.9	10.3	---	---	---	---	---
<b>In.</b>	4.15	10.10	14.24	15.44	6.28	16.03	11.48	---	---	---	---	---

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