

Water-Data Report 2012

12020525 ELK CREEK BELOW DEER CREEK NEAR DOTY, WA

Washington Coastal Basin
Upper Chehalis Subbasin

LOCATION.--Lat 46°38'05", long 123°17'44" referenced to North American Datum of 1927, in NE ¼ NW ¼ sec.10, T.13 N., R.5 W., Lewis County, WA, Hydrologic Unit 17100103, gage on upstream side of bridge, on Elk Creek Road, near Pe Ell.

DRAINAGE AREA.--58.0 mi².

SURFACE-WATER RECORDS

PERIOD OF RECORD.--December 2009 to September 2011 (continuous-record gaging station), October 2011 to April 2012(seasonal records).

GAGE.--Water-stage recoder. Datum of gage is NGVD of 1929, from precision Global Positioning System (GPS).

REMARKS.--Records fair except for discharges above 800 ft³/s which are poor. No known diversions upstream of station. U.S. Geological Survey telemeter at station.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 2,650 ft³/s, Nov. 23, 2011, elevation 310.08 ft; minimum discharge, 13 ft³/s, Sept. 11, 12, 2011.

EXTREMES OUTSIDE PERIOD OF RECORD.--Maximum discharge not determined, probably occurred Dec. 3, 2007, elevation 316.49 ft, from flood marks.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 2,650 ft³/s, Nov. 23, gage height, 310.08 ft; minimum discharge, 23 ft³/s, Oct. 2, gage height, 303.51 ft.

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DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2011 TO SEPTEMBER 2012
DAILY MEAN VALUES

[e, estimated]

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	25	55	262	477	551	595	981	---	---	---	---	---
2	25	52	226	395	432	536	814	---	---	---	---	---
3	32	80	196	e370	366	551	701	---	---	---	---	---
4	39	77	174	e350	309	518	595	---	---	---	---	---
5	37	69	155	374	267	564	502	---	---	---	---	---
6	34	60	143	316	239	540	428	---	---	---	---	---
7	29	54	133	282	215	438	388	---	---	---	---	---
8	30	50	122	244	193	381	337	---	---	---	---	---
9	30	47	114	220	194	331	296	---	---	---	---	---
10	29	45	108	200	192	318	268	---	---	---	---	---
11	93	53	103	178	177	411	248	---	---	---	---	---
12	118	90	98	164	168	585	238	---	---	---	---	---
13	67	115	91	150	168	838	218	---	---	---	---	---
14	49	109	87	158	172	787	201	---	---	---	---	---
15	41	96	86	165	183	1,850	182	---	---	---	---	---
16	36	88	81	144	170	1,830	236	---	---	---	---	---
17	33	165	78	164	184	1,180	215	---	---	---	---	---
18	30	225	80	201	498	919	203	---	---	---	---	---
19	29	184	79	314	636	735	238	---	---	---	---	---
20	28	142	75	573	440	660	652	---	---	---	---	---
21	28	150	72	1,620	485	619	520	---	---	---	---	---
22	80	941	69	1,100	1,750	527	387	---	---	---	---	---
23	160	2,160	e67	857	1,090	448	310	---	---	---	---	---
24	86	1,110	e66	782	729	391	262	---	---	---	---	---
25	61	796	77	1,190	795	351	245	---	---	---	---	---
26	e52	566	92	991	705	334	266	---	---	---	---	---
27	46	515	120	762	595	318	250	---	---	---	---	---
28	46	511	615	600	499	400	221	---	---	---	---	---
29	61	393	930	553	540	1,230	202	---	---	---	---	---
30	56	333	975	893	---	1,620	246	---	---	---	---	---
31	60	---	691	702	---	1,080	---	---	---	---	---	---
Mean	50.6	311	202	500	446	706	362	---	---	---	---	---
Max	160	2,160	975	1,620	1,750	1,850	981	---	---	---	---	---
Min	25	45	66	144	168	318	182	---	---	---	---	---

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