

Water-Data Report 2011

## **12025100 CHEHALIS RIVER AT WASTEWATER TREATMENT PLANT, AT CHEHALIS, WA**

Washington Coastal Basin  
Upper Chehalis Subbasin

LOCATION.--Lat 46°39'40", long 122°58'58" referenced to North American Datum of 1927, in NE ¼ NW ¼ sec.31, T.14 N., R.2 W., Lewis County, WA, Hydrologic Unit 17100103, on right bank at City of Chehalis wastewater treatment plant, 0.25 mi downstream from State Highway 6 bridge, and at mile 74.3.

DRAINAGE AREA.--618 mi<sup>2</sup>.

### **SURFACE-WATER RECORDS**

PERIOD OF RECORD.--Water years 1999, 2000 (annual maximum). October 2000 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.--Elevation record only. Probably some diversion upstream for irrigation and domestic use. U.S. Geological Survey satellite telemeter at station.

EXTREMES FOR PERIOD OF RECORD.--Maximum elevation, 180.58 ft, Dec. 4, 2007.

EXTREMES FOR CURRENT YEAR.--Maximum elevation, 173.82 ft, Dec. 13; minimum elevation, 148.59 ft, Oct. 7.

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**ELEVATION ABOVE NGVD 1929, FEET**  
**WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011**  
**DAILY MEAN VALUES**

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	148.82	154.40	160.16	155.70	153.18	160.64	160.83	154.50	---	---	---	---
2	148.79	163.53	158.34	154.67	152.82	161.08	158.67	153.86	---	---	---	---
3	148.73	159.09	156.58	153.91	152.50	161.51	157.21	153.42	---	---	---	---
4	148.70	156.05	155.29	153.31	152.32	160.31	156.35	153.22	---	---	---	---
5	148.69	154.28	154.37	153.22	152.82	160.36	159.48	153.43	---	---	---	---
6	148.64	153.29	153.68	154.19	152.57	159.29	160.24	152.99	---	---	---	---
7	148.60	154.15	153.28	155.28	153.05	157.46	159.92	152.80	---	---	---	---
8	148.64	154.41	155.94	156.37	153.79	156.22	158.13	153.24	---	---	---	---
9	148.71	154.47	159.52	155.96	153.35	157.42	156.56	152.87	---	---	---	---
10	150.33	156.33	163.59	---	152.92	170.21	155.43	---	---	---	---	---
11	152.30	155.55	162.04	---	152.56	172.53	155.72	---	---	---	---	---
12	150.59	154.77	167.58	---	152.31	167.70	155.51	---	---	---	---	---
13	149.88	153.88	173.34	---	153.57	163.86	154.73	---	---	---	---	---
14	149.53	153.84	171.51	170.44	154.23	165.48	155.04	---	---	---	---	---
15	149.35	153.96	168.44	---	157.87	166.28	158.36	---	---	---	---	---
16	149.19	154.61	164.70	---	158.71	167.92	158.66	---	---	---	---	---
17	149.07	155.47	161.57	172.61	157.32	165.76	157.55	---	---	---	---	---
18	148.99	163.30	159.41	---	155.93	162.32	156.25	---	---	---	---	---
19	148.94	162.96	158.46	---	155.10	159.73	154.94	---	---	---	---	---
20	148.86	161.52	157.34	---	154.17	157.80	154.12	---	---	---	---	---
21	148.81	159.37	156.44	---	153.51	156.68	153.49	---	---	---	---	---
22	148.81	157.53	155.59	---	153.28	155.87	153.02	---	---	---	---	---
23	148.80	156.18	154.96	---	153.19	155.03	152.60	---	---	---	---	---
24	149.69	154.67	154.91	---	153.30	154.59	152.20	---	---	---	---	---
25	156.22	153.80	155.07	---	152.89	154.36	152.63	---	---	---	---	---
26	160.81	153.84	155.44	---	152.41	153.99	153.95	---	---	---	---	---
27	163.13	155.65	158.04	---	152.27	154.19	153.74	---	---	---	---	---
28	158.03	155.53	162.53	---	157.85	154.70	155.80	---	---	---	---	---
29	155.11	154.79	161.94	153.78	---	154.96	156.40	---	---	---	---	---
30	153.48	155.35	159.14	153.73	---	157.32	155.37	---	---	---	---	---
31	153.23	---	157.11	153.42	---	161.09	---	---	---	---	---	---
<b>Mean</b>	151.02	156.22	159.56	---	153.92	160.21	156.10	---	---	---	---	---

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