

Water-Data Report 2011

**14165500 MCKENZIE RIVER NEAR COBURG, OR**

Willamette Basin  
Mckenzie Subbasin

LOCATION.--Lat 44°06'47.0", long 123°02'49.1" referenced to North American Datum of 1983, Lane County, OR, Hydrologic Unit 17090004, on right bank, at upstream side of Armitage Bridge, 2 miles southeast of Coburg, and at mile 7.2.

DRAINAGE AREA.--1,337 mi<sup>2</sup>.

**SURFACE-WATER RECORDS**

PERIOD OF RECORD.--October 1944 to September 1972 (discharge), November 2010 to September 2011 (gage heights only).

REVISED RECORDS.--WSP 1638: Drainage area.

GAGE.--Water-stage recorder and crest-stage gage. Datum of gage is 386.08 ft above NAVD of 1988 (levels by U.S. Army Corps of Engineers). Prior to Nov. 24, 1944, nonrecording gage, and Nov. 25, 1944 to Sept. 30, 1972 at site 30 ft downstream at different datums.

REMARKS.--Gage heights during period July 14 to Sept. 20 are affected by silting of orifice. Flow regulated since 1963 by Smith River Reservoir (station 14158795) and Cougar Lake (active capacity, 164,800 acre-ft), and since 1968 by Blue River Lake (active capacity, 85,550 acre-ft). Slight diurnal fluctuation caused by logponds and powerplants upstream. Water supply for city of Eugene is diverted 10 miles upstream; small diversions for irrigation upstream from station. Continuous water-quality records for periods October 1963 to September 1974 and April 1983 to September 1984 have been collected at this location.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 21.36 ft Dec. 29, 1945, site and datum then in use.

EXTREMES OUTSIDE PERIOD OF RECORD.--Flood stage of 22.2 ft was reached in December 1861, 21.8 ft in February 1890, and 20.1 ft in January 1943 (information from U.S. Army Corps of Engineers), all at different datum.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 18.55 ft Jan. 17; minimum, 7.55 ft Sept. 1, 2.

## 14165500 MCKENZIE RIVER NEAR COBURG, OR—Continued

**GAGE HEIGHT, 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	---	---	12.29	11.44	10.26	10.24	11.72	10.47	10.83	9.12	8.16	7.68
2	---	---	12.57	10.98	10.01	10.14	11.78	10.34	11.01	9.07	8.17	7.63
3	---	---	11.88	10.47	9.90	10.13	11.64	10.08	10.86	9.00	8.18	7.65
4	---	---	11.19	10.21	9.74	9.98	11.26	9.85	10.66	8.93	8.13	7.82
5	---	---	10.67	10.01	9.51	10.73	11.92	9.79	10.57	8.86	8.12	7.96
6	---	---	10.43	9.84	9.58	10.64	11.97	9.85	10.68	8.84	8.16	8.05
7	---	---	10.36	9.67	9.57	10.31	11.69	9.91	10.63	8.77	8.15	8.03
8	---	---	10.32	9.78	9.61	10.33	11.18	9.98	10.29	8.72	8.15	7.98
9	---	---	10.61	9.71	9.51	10.80	10.85	10.11	10.18	8.62	8.16	8.01
10	---	---	11.52	9.60	9.36	11.18	10.58	10.04	10.07	8.58	8.14	7.99
11	---	10.14	11.69	9.53	9.32	11.74	10.57	10.14	10.02	8.56	8.11	7.98
12	---	9.83	13.08	9.50	9.24	11.17	10.48	10.39	9.99	8.58	8.12	7.89
13	---	9.64	13.66	9.94	9.22	10.84	10.33	10.49	10.01	8.60	8.13	7.87
14	---	9.60	14.33	11.51	9.19	10.92	10.27	10.71	9.97	8.52	8.19	7.91
15	---	9.67	13.73	11.49	10.13	10.82	10.51	10.67	10.02	8.51	8.15	7.86
16	---	9.93	12.90	14.55	10.60	11.71	12.05	10.63	10.02	8.49	8.15	7.86
17	---	9.90	12.84	17.14	10.14	11.90	13.73	10.40	9.89	8.52	8.08	7.89
18	---	11.00	12.65	14.37	9.88	11.40	12.87	10.26	9.78	8.50	8.06	7.85
19	---	11.11	12.48	13.82	9.72	11.04	12.20	10.23	9.79	8.79	8.08	7.85
20	---	10.53	12.29	13.43	9.54	10.67	11.67	10.17	9.73	8.85	8.04	---
21	---	10.16	12.10	13.28	9.46	10.50	11.04	10.14	9.72	8.71	8.09	7.92
22	---	10.05	11.70	13.23	9.41	10.46	10.50	10.10	9.62	8.54	8.04	7.91
23	---	10.40	11.28	12.91	9.37	10.25	10.17	10.02	9.57	8.53	7.83	7.90
24	---	10.05	10.52	12.64	9.45	10.12	10.08	10.29	9.64	8.49	7.82	7.89
25	---	9.70	10.35	12.41	9.33	10.06	10.23	10.47	9.56	8.39	7.78	7.90
26	---	9.53	10.44	12.18	9.31	10.31	10.70	10.71	9.43	8.29	7.83	7.92
27	---	9.84	10.53	11.88	9.21	10.50	10.67	10.78	9.37	8.25	7.87	7.93
28	---	9.97	11.62	11.58	9.28	10.82	10.51	11.20	9.45	8.26	7.91	7.90
29	---	9.68	14.32	11.09	---	11.06	10.65	10.98	9.45	8.19	7.94	7.91
30	---	9.82	12.92	10.63	---	12.07	10.68	10.79	9.21	8.15	8.03	7.89
31	---	---	11.98	10.46	---	11.96	---	10.70	---	8.17	7.88	---
<b>Mean</b>	---	---	11.91	11.59	9.60	10.80	11.15	10.34	10.00	8.59	8.05	---
<b>Max</b>	---	---	14.33	17.14	10.60	12.07	13.73	11.20	11.01	9.12	8.19	---
<b>Min</b>	---	---	10.32	9.50	9.19	9.98	10.08	9.79	9.21	8.15	7.78	---