Water-Data Report 2013

14087520 LAKE BILLY CHINOOK NEAR CULVER, OR

Deschutes Basin
Upper Deschutes Subbasin

LOCATION.--Lat 44°33′48″, long 121°15′55″ referenced to North American Datum of 1927, in NW ¼ NW ¼ sec.2, T.12 S., R.12 E., Jefferson County, OR, Hydrologic Unit 17070301, on right bank of Crooked River arm of Lake Billy Chinook, at Cove Palisades State Park Marina and 3.8 mi northwest of Culver.

DRAINAGE AREA.--7,490 mi^2, approximately.

SURFACE-WATER RECORDS

PERIOD OF RECORD.--December 2005 to current year.

GAGE.--Water-stage recorder. Datum of gage is NGVD of 1929 (established by Portland General Electric Co.). Prior to Oct. 1, 2009, datum of gage was reported as NGVD of 1929, but datum was found to be 0.169 ft higher.

REMARKS.--Reservoir is formed by rock fill dam completed in June 1964 by Portland General Electric Co.; storage began Jan. 2, 1964. Reservoir used for power generation under FERC license 2030. See Lake Billy Chinook near Metolius (station 14092100) for reservoir content information.

EXTREMES FOR PERIOD OF RECORD.--Maximum elevation, 1,945.30 ft June 5, 2010; minimum elevation, 1,936.54 ft Dec. 3, 2010.

EXTREMES FOR CURRENT YEAR.--Maximum elevation, 1,945.06 ft Oct. 16; minimum elevation, 1,939.86 ft Feb. 12.

Suggested citation: U.S. Geological Survey, 2014, Water-resources data for the United States, Water Year 2013: U.S. Geological Survey Water-Data Report WDR-US-2013, site 14087520, accessed at http://wdr.water.usgs.gov/wy2013/pdfs/14087520.2013.pdf

14087520 LAKE BILLY CHINOOK NEAR CULVER, OR—Continued

ELEVATION OF RESERVOIR WATER SURFACE ABOVE DATUM, FEET
WATER YEAR OCTOBER 2012 TO SEPTEMBER 2013
DAILY OBSERVATION AT 2400 HOURS

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	1,944.43	1,942.74	1,942.40	1,941.95	1,940.26	1,940.17	1,942.53	1,944.40	1,944.49	1,944.65	1,944.49	1,944.37
2	1,944.33	1,942.65	1,942.48	1,941.86	1,940.17	1,940.17	1,942.71	1,944.41	1,944.33	1,944.54	1,944.43	1,944.22
3	1,944.30	1,942.50	1,942.30	1,941.98	1,940.39	1,940.23	1,942.98	1,944.26	1,944.34	1,944.38	1,944.54	1,944.25
4	1,944.38	1,942.38	1,942.60	1,941.76	1,940.02	1,940.43	1,943.21	1,944.43	1,944.38	1,944.60	1,944.56	1,944.28
5	1,944.45	1,942.43	1,943.21	1,941.93	1,939.87	1,940.45	1,943.56	1,944.45	1,944.44	1,944.51	1,944.49	1,944.29
6	1,944.38	1,942.32	1,943.12	1,942.06	1,939.94	1,940.65	1,943.48	1,944.71	1,944.47	1,944.46	1,944.48	1,944.25
7	1,944.58	1,942.20	1,943.09	1,941.84	1,940.08	1,940.57	1,943.52	1,944.72	1,944.48	1,944.66	1,944.59	1,944.34
8	1,944.52	1,942.19	1,942.88	1,941.65	1,940.04	1,940.67	1,943.53	1,944.54	1,944.66	1,944.55	1,944.55	1,944.41
9	1,944.54	1,942.22	1,942.65	1,941.54	1,940.04	1,940.63	1,943.38	1,944.48	1,944.59	1,944.52	1,944.56	1,944.60
10	1,944.55	1,942.19	1,942.53	1,941.32	1,939.98	1,940.65	1,943.34	1,944.48	1,944.53	1,944.62	1,944.54	1,944.51
11	1,944.44	1,942.27	1,942.41	1,941.11	1,939.91	1,940.87	1,943.43	1,944.49	1,944.53	1,944.70	1,944.49	1,944.52
12	1,944.36	1,942.20	1,942.31	1,941.30	1,939.92	1,940.73	1,943.41	1,944.48	1,944.59	1,944.66	1,944.57	1,944.47
13	1,944.49	1,942.20	1,942.34	1,941.34	1,939.89	1,940.79	1,943.34	1,944.61	1,944.63	1,944.64	1,944.52	1,944.53
14	1,944.50	1,942.17	1,942.23	1,941.28	1,940.01	1,940.84	1,943.58	1,944.59	1,944.50	1,944.55	1,944.40	1,944.46
15	1,944.56	1,942.25	1,942.31	1,941.27	1,940.08	1,941.06	1,943.59	1,944.50	1,944.50	1,944.67	1,944.46	1,944.52
16	1,944.56	1,942.31	1,942.37	1,941.27	1,939.99	1,941.15	1,943.65	1,944.61	1,944.40	1,944.54	1,944.47	1,944.41
17	1,944.39	1,942.26	1,942.46	1,941.08	1,939.97	1,941.42	1,943.83	1,944.61	1,944.43	1,944.61	1,944.54	1,944.30
18	1,944.28	1,942.38	1,942.40	1,941.08	1,940.01	1,941.56	1,943.84	1,944.58	1,944.44	1,944.60	1,944.52	1,944.25
19	1,944.04	1,942.55	1,942.39	1,940.76	1,939.99	1,941.65	1,943.83	1,944.64	1,944.36	1,944.61	1,944.66	1,944.35
20	1,943.90	1,942.61	1,942.41	1,940.74	1,939.91	1,941.69	1,944.00	1,944.52	1,944.37	1,944.54	1,944.70	1,944.32
21	1,943.83	1,942.54	1,942.42	1,940.87	1,939.94	1,941.89	1,944.09	1,944.61	1,944.37	1,944.54	1,944.67	1,944.32
22	1,943.70	1,942.37	1,942.37	1,940.81	1,940.09	1,941.90	1,944.08	1,944.61	1,944.35	1,944.47	1,944.54	1,944.32
23	1,943.50	1,942.41	1,942.42	1,940.93	1,940.25	1,942.18	1,944.24	1,944.45	1,944.53	1,944.40	1,944.51	1,944.32
24	1,943.53	1,942.61	1,942.40	1,940.44	1,940.09	1,942.37	1,944.37	1,944.33	1,944.66	1,944.33	1,944.48	1,944.35
25	1,943.44	1,942.54	1,942.45	1,940.31	1,940.12	1,942.63	1,944.40	1,944.43	1,944.60	1,944.56	1,944.59	1,944.35
26	1,943.30	1,942.30	1,942.39	1,940.32	1,940.23	1,942.43	1,944.55	1,944.48	1,944.78	1,944.49	1,944.70	1,944.28
27	1,943.29	1,942.15	1,942.20	1,940.28	1,940.21	1,942.30	1,944.58	1,944.59	1,944.65	1,944.58	1,944.69	1,944.18
28	1,943.43	1,942.17	1,942.01	1,940.30	1,940.18	1,942.20	1,944.59	1,944.56	1,944.73	1,944.51	1,944.59	1,944.17
29	1,943.33	1,942.34	1,942.07	1,940.35	---	1,942.04	1,944.45	1,944.70	1,944.55	1,944.51	1,944.61	1,944.39
30	1,943.05	1,942.29	1,942.06	1,940.48	---	1,942.11	1,944.38	1,944.57	1,944.57	1,944.55	1,944.50	1,944.45
31	1,942.95	---	1,942.03	1,940.43	---	1,942.32	---	1,944.45	---	1,944.55	1,944.42	---
Max	1,944.58	1,942.74	1,943.21	1,942.06	1,940.39	1,942.63	1,944.59	1,944.72	1,944.78	1,944.70	1,944.70	1,944.60
Min	1,942.95	1,942.15	1,942.01	1,940.28	1,939.87	1,940.17	1,942.53	1,944.26	1,944.33	1,944.33	1,944.40	1,944.17

	Calendar Year 2012	Water Year 2013
Max	1,944.89	1,944.78
Min	1,940.48	1,939.87