Water-Data Report 2011

14313000 LEMOLO LAKE NEAR TOKETEE FALLS, OR

Southern Oregon Coastal Basin
North Umpqua Subbasin

LOCATION.--Lat 43°19′22″, long 122°11′36″ referenced to North American Datum of 1927, in SE ¼ NW ¼ sec.11, T.26 S., R.5 E., Douglas County, OR, Hydrologic Unit 17100301, at Lemolo No. 1 diversion dam on North Umpqua River, 1.1 mi downstream from Lake Creek, 13.0 mi east of town of Toketee Falls and at mile 93.01.

DRAINAGE AREA.--170 mi^2.

SURFACE-WATER RECORDS

PERIOD OF RECORD.--July 1954 to current year. July 1954 to April 2004, nonrecording gage. Prior to October 1960, published as Lemolo Reservoir near Toketee Falls.

GAGE.--Water-stage recorder. Datum of gage is NGVD of 1929 (levels by PacifiCorp).

COOPERATION.--Capacity table dated 1992, furnished by PacifiCorp.

REMARKS.--Lake is formed by Lemolo No. 1 diversion dam. Storage began July 15, 1954. Usable capacity for normal operation, 12,520 acre-ft between elevations 4,097.0 ft and 4,148.5 ft; dead storage of 1,040 acre-ft below elevation 4,097.0 ft. Water is used for power generation. Figures given herein represent total contents.

EXTREMES FOR PERIOD OF RECORD.--Maximum contents observed, 14,000 acre-ft Dec. 24, 1964, elevation, 4,149.5 ft; minimum contents observed, 11 acre-ft Mar. 5, 1955, elevation, 4,055.4 ft.

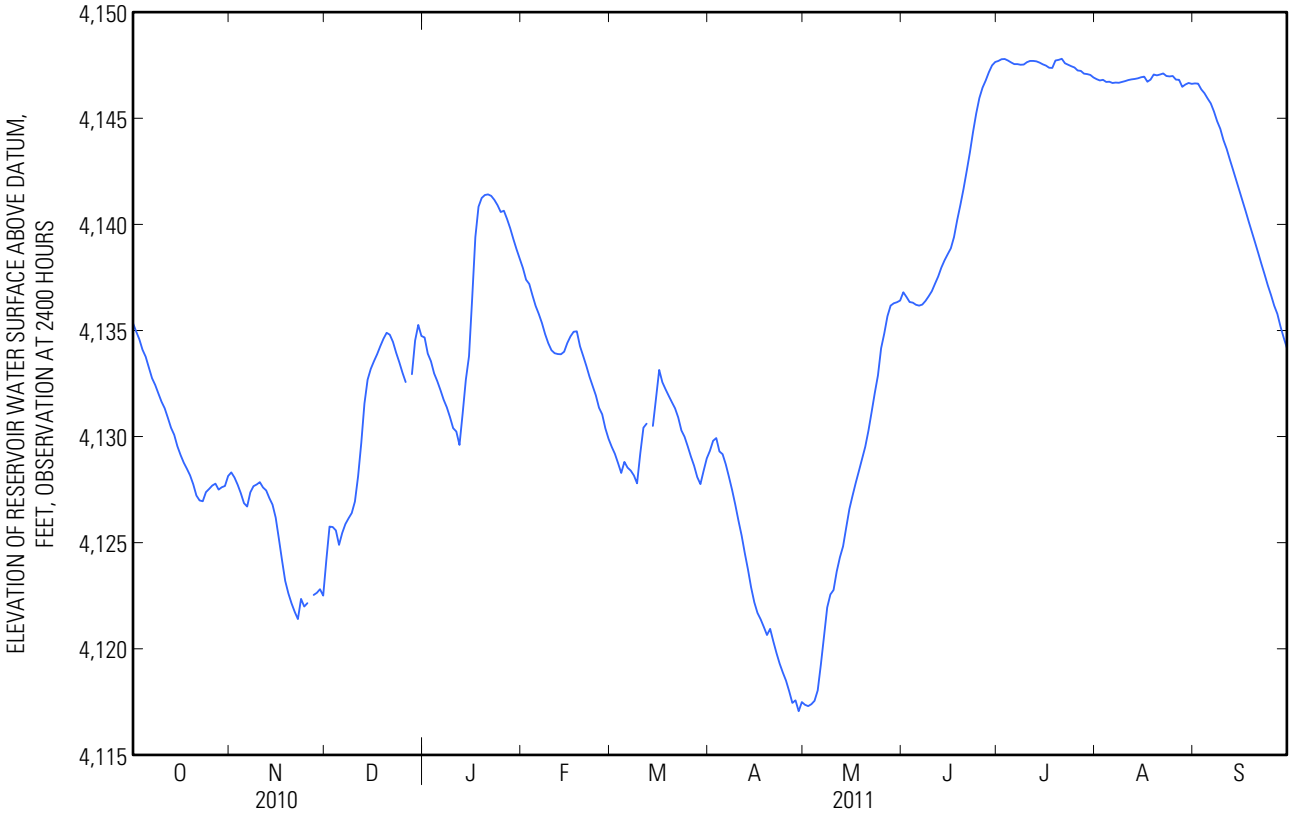
EXTREMES FOR CURRENT YEAR.--Maximum contents, 11,490 acre-ft July 21, elevation, 4,147.87 ft; minimum contents, 2,580 acre-ft Apr. 29, elevation, 4,117.01 ft.

Suggested citation: U.S. Geological Survey, 2012, Water-resources data for the United States, Water Year 2011: U.S. Geological Survey Water-Data Report WDR-US-2011, site 14313000, accessed at http://wdr.water.usgs.gov/wy2011/pdfs/14313000.2011.pdf

14313000 LEMOLO LAKE NEAR TOKETEE FALLS, OR—Continued

ELEVATION OF RESERVOIR WATER SURFACE ABOVE DATUM, FEET
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011
DAILY OBSERVATION AT 2400 HOURS

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	4,135.34	4,128.31	4,124.20	4,134.67	4,137.94	4,129.52	4,129.33	4,117.36	4,136.80	4,147.70	4,146.84	4,146.64
2	4,134.95	4,128.07	4,125.76	4,133.91	4,137.39	4,129.19	4,129.80	4,117.30	4,136.58	4,147.78	4,146.78	4,146.63
3	4,134.58	4,127.73	4,125.74	4,133.55	4,137.19	4,128.75	4,129.93	4,117.39	4,136.34	4,147.79	4,146.81	4,146.36
4	4,134.09	4,127.33	4,125.58	4,132.98	4,136.66	4,128.29	4,129.30	4,117.55	4,136.31	4,147.72	4,146.71	4,146.18
5	4,133.76	4,126.86	4,124.90	4,132.61	4,136.16	4,128.81	4,129.17	4,118.04	4,136.21	4,147.63	4,146.72	4,145.93
6	4,133.25	4,126.70	4,125.46	4,132.19	4,135.78	4,128.54	4,128.69	4,119.26	4,136.17	4,147.55	4,146.66	4,145.70
7	4,132.75	4,127.37	4,125.88	4,131.74	4,135.35	4,128.40	4,128.10	4,120.60	4,136.22	4,147.55	4,146.68	4,145.32
8	4,132.43	4,127.66	4,126.15	4,131.38	4,134.83	4,128.17	4,127.48	4,121.95	4,136.39	4,147.52	4,146.67	4,144.86
9	4,132.03	4,127.74	4,126.40	4,130.92	4,134.40	4,127.80	4,126.79	4,122.56	4,136.61	4,147.53	4,146.71	4,144.50
10	4,131.64	4,127.85	4,126.94	4,130.40	4,134.07	4,129.20	4,126.04	4,122.77	4,136.85	4,147.64	4,146.75	4,143.97
11	4,131.33	4,127.60	4,128.13	4,130.24	4,133.93	4,130.42	4,125.34	4,123.64	4,137.20	4,147.70	4,146.80	4,143.56
12	4,130.88	4,127.46	4,129.69	4,129.61	4,133.89	4,130.61	4,124.51	4,124.31	4,137.54	4,147.70	4,146.83	4,143.06
13	4,130.41	4,127.10	4,131.55	4,131.09	4,133.88	---	4,123.74	4,124.83	4,137.96	4,147.68	4,146.85	4,142.58
14	4,130.08	4,126.79	4,132.68	4,132.68	4,134.00	4,130.50	4,122.89	4,125.72	4,138.30	4,147.62	4,146.88	4,142.09
15	4,129.54	4,126.18	4,133.19	4,133.79	4,134.41	4,131.81	4,122.19	4,126.59	4,138.59	4,147.54	4,146.93	4,141.60
16	4,129.13	4,125.19	4,133.55	4,136.52	4,134.72	4,133.14	4,121.69	4,127.22	4,138.87	4,147.48	4,146.96	4,141.11
17	4,128.77	4,124.17	4,133.88	4,139.40	4,134.94	4,132.56	4,121.39	4,127.82	4,139.40	4,147.38	4,146.72	4,140.62
18	4,128.48	4,123.20	4,134.26	4,140.83	4,134.96	4,132.23	4,121.03	4,128.38	4,140.20	4,147.37	4,146.82	4,140.11
19	4,128.17	4,122.61	4,134.61	4,141.24	4,134.26	4,131.92	4,120.65	4,128.95	4,140.91	4,147.72	4,147.06	4,139.62
20	4,127.75	4,122.14	4,134.89	4,141.38	4,133.80	4,131.62	4,120.94	4,129.52	4,141.67	4,147.75	4,147.02	4,139.13
21	4,127.22	4,121.74	4,134.80	4,141.41	4,133.33	4,131.33	4,120.35	4,130.27	4,142.51	4,147.80	4,147.06	4,138.63
22	4,126.99	4,121.40	4,134.46	4,141.34	4,132.82	4,130.90	4,119.80	4,131.15	4,143.38	4,147.59	4,147.11	4,138.12
23	4,126.95	4,122.35	4,133.95	4,141.15	4,132.38	4,130.29	4,119.30	4,132.05	4,144.35	4,147.52	4,146.99	4,137.63
24	4,127.38	4,121.99	4,133.50	4,140.90	4,131.94	4,129.99	4,118.88	4,132.88	4,145.22	4,147.45	4,146.97	4,137.12
25	4,127.53	4,122.15	4,133.01	4,140.58	4,131.36	4,129.54	4,118.50	4,134.16	4,145.95	4,147.39	4,146.99	4,136.67
26	4,127.69	---	4,132.57	4,140.64	4,131.05	4,129.06	4,118.00	4,134.86	4,146.44	4,147.25	4,146.82	4,136.17
27	4,127.78	4,122.54	---	4,140.25	4,130.39	4,128.63	4,117.45	4,135.67	4,146.78	4,147.23	4,146.81	4,135.78
28	4,127.50	4,122.64	4,132.94	4,139.81	4,129.90	4,128.09	4,117.57	4,136.17	4,147.17	4,147.10	4,146.48	4,135.18
29	4,127.61	4,122.81	4,134.52	4,139.30	---	4,127.76	4,117.06	4,136.28	4,147.49	4,147.08	4,146.59	4,134.66
30	4,127.67	4,122.51	4,135.26	4,138.82	---	4,128.38	4,117.49	4,136.33	4,147.65	4,147.04	4,146.66	4,134.18
31	4,128.14	---	4,134.74	4,138.38	---	4,128.97	---	4,136.41	---	4,146.92	4,146.62	---
Mean	4,130.06	4,125.11	4,130.77	4,136.25	4,134.13	4,129.81	4,123.11	4,127.03	4,140.40	4,147.51	4,146.82	4,141.12
Max	4,135.34	4,128.31	4,135.26	4,141.41	4,137.94	4,133.14	4,129.93	4,136.41	4,147.65	4,147.80	4,147.11	4,146.64
Min	4,126.95	4,121.40	4,124.20	4,129.61	4,129.90	4,127.76	4,117.06	4,117.30	4,136.17	4,146.92	4,146.48	4,134.18
Contents, in acre-feet, at 2400, on last day of month												
	4,940	3,610	6,810	7,970	5,410	5,160	2,660	7,340	11,400	11,110	10,990	6,640
Change in contents, in acre-feet												
	-2,230	-1,330	+3,200	+1,160	-2,560	-250	-2,500	+4,680	+4,060	-290	-120	-4,350

	Calendar Year 2010	Water Year 2011
Mean	---	---
Max	---	---
Min	---	---
Change in contents, in acre-feet	+670	-530

14313000 LEMOLO LAKE NEAR TOKETEE FALLS, OR—Continued