

**12191600 BAKER LAKE AT UPPER BAKER DAM NEAR CONCRETE, WA**

Puget Sound Basin  
Upper Skagit Subbasin

LOCATION.--Lat 48°38'58", long 121°41'22" referenced to North American Datum of 1927, in SW ¼ sec.31, T.37 N., R.9 E., Whatcom County, WA, Hydrologic Unit 17110005, at upper Baker Dam on Baker River near center of dam, 0.3 mi upstream from Sulphur Creek, 8.0 mi north of Concrete, and at mile 9.3.

DRAINAGE AREA.--215 mi<sup>2</sup>.

**SURFACE-WATER RECORDS**

PERIOD OF RECORD.--July 1959 to current year.

GAGE.--Water-stage recorder. Datum of gage is NAVD of 1988. Prior to Oct. 1, 2004, datum of gage was 3.77 ft higher at NGVD of 1929.

REMARKS.--Records good. Reservoir is formed by concrete gravity dam, completed in June 1959; storage began July 9, 1959. Usable storage, 212,995 acre-ft, between elevations 658.77 ft, minimum operating pool, and 727.77 ft, normal full pool. Dead storage below elevation 658.77 ft, 67,809 acre-ft. Crest of spillway is at elevation 697.77 ft. Water used by Puget Sound Energy for power generation. Capacity table to datum of NAVD of 1988 prepared and furnished by Puget Sound Energy on the basis of a resurvey of the lake bed. Figures given herein represent total contents. U.S. Geological Survey satellite telemeter at station.

EXTREMES FOR PERIOD OF RECORD.--Maximum contents, 287,930 acre-ft, July 12, 1972, elevation, 728.26 ft, present datum; minimum contents since normal operating level was reached in Aug. 1960, 100,658 acre-ft, Mar. 9, 2011, elevation, 677.76 ft, present datum.

EXTREMES FOR CURRENT YEAR.--Maximum contents, 278,671 acre-ft, July 3, elevation, 727.34 ft; minimum contents, 159,498 acre-ft, Feb 27, elevation, 698.87 ft.

MONTH-END ELEVATION AND CONTENTS AT 2400  
WATER YEAR OCTOBER 2012 TO SEPTEMBER 2013

Date	Elevation (feet)	Contents (acre-feet)	Change in contents
September 30	713.57	215,200	--
October 31	718.62	237,305	+22,105
November 30	705.52	183,048	-54,257
December 31	705.36	182,449	-599
Calendar Year 2012	--	--	+7,854
January 31	704.02	177,493	-4,956
February 28	699.51	161,653	-15,840
March 31	720.36	245,256	+83,603
April 30	723.60	260,474	+15,218
May 31	724.04	262,575	+2,101
June 30	726.86	276,296	+13,721
July 31	725.88	271,483	-4,813
August 31	719.26	240,209	-31,274
September 30	716.89	229,562	-10,647
Water Year 2013	--	--	+14,362