

**12035380 WYNOOCHEE LAKE NEAR GRISDALE, WA**

Washington Coastal Basin  
Lower Chehalis Subbasin

LOCATION.--Lat 47°23'08", long 123°36'16" referenced to North American Datum of 1927, in NE ¼ NW ¼ sec.20, T.22 N., R.7 W., Grays Harbor County, WA, Hydrologic Unit 17100104, Olympic National Forest, in monolith No. 6, near center line axis of Wynoochee Dam on Wynoochee River, 2.0 mi north of Grisdale, at river mile 51.8.

DRAINAGE AREA.--41 mi<sup>2</sup>.

**SURFACE-WATER RECORDS**

PERIOD OF RECORD.--October 1972 to current year.

GAGE.--Water-stage recorder. Datum of gage is NGVD of 1929 (levels by Corps of Engineers). Prior to May 22, 1973, staff gage on upstream face of dam.

COOPERATION.--Daily elevations at 2400 hours, and capacity table furnished by Corps of Engineers, and by Tacoma Public Utilities.

REMARKS.--Reservoir is formed by concrete gravity-type dam with gate-type spillway. Construction began in 1969 and was completed in 1972. Usable capacity, 67,288 acre-ft between elevation 690 ft, sluice invert level, and 800 ft, full pool elevation at 69,405 acre-ft. Dead storage 2,117 acre-ft below elevation 690 ft. Figures given herein represent total contents. Water is used for power generation, flood control, water supply, and recreation. Tacoma Public Utilities satellite telemetry at station.

EXTREMES FOR PERIOD OF RECORD.--Maximum contents observed, 70,087 acre-ft, July 13, 1983, elevation, 800.60 ft; minimum contents observed, 4,227 acre-ft, Oct. 19, 1992, elevation, 701.04 ft.

EXTREMES FOR CURRENT YEAR.--Maximum contents, 69,383 acre-ft, June 5, elevation, 799.98 ft; minimum contents, 33,542 acre-ft, Oct. 8, elevation, 761.45 ft.

MONTH-END ELEVATION AND CONTENTS AT 2400  
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

Date	Elevation (feet)	Contents (acre-feet)	Change in contents
September 30	767.00	37,842	--
October 31	767.44	39,193	+351
November 30	768.03	38,666	+473
December 31	767.41	38,169	-497
Calendar Year 2010	--	--	+40
January 31	770.63	40,784	+2,615
February 28	769.31	39,702	-1,080
March 31	773.98	43,604	+3,902
April 30	781.61	50,444	+6,840
May 31	799.97	69,372	+18,928
June 30	799.90	69,293	-79
July 31	797.51	66,635	-2,658
August 31	786.74	55,386	-11,249
September 30	771.86	41,807	-13,579
Water Year 2011	--	--	+3,965