

CHEHALIS RIVER BASIN

12035380 WYNOOCHEE LAKE NEAR GRIDDALE, WA

LOCATION.--Lat 47°23'08", long 123°36'16", in NE 1/4 NW 1/4 sec.20, T.22 N., R.7 W., Grays Harbor County, 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 Griddale, at river mile 51.8.

DRAINAGE AREA.--41.0 mi².

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

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

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

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

EXTREMES FOR PERIOD OF RECORD.--Maximum contents observed, 70,078 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, 65,966 acre-ft May 29, 30, elevation, 796.90 ft; minimum contents, 35,297 acre-ft Dec. 16, elevation, 763.75 ft.

MONTHEND ELEVATION AND CONTENTS AT 2400, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

| Date | Elevation (feet) | Contents (acre-feet) | Change in contents (acre-feet) |
|------------------|---------------------|-------------------------|-----------------------------------|
| Sept. 30..... | 776.07 | 45,416 | -- |
| Oct. 31..... | 766.85 | 37,723 | -7,693 |
| Nov. 30..... | 770.03 | 40,291 | +2,568 |
| Dec. 31..... | 766.67 | 37,580 | -2,711 |
| CAL YR 2000..... | -- | -- | +2,936 |
| Jan. 31..... | 766.14 | 37,161 | -419 |
| Feb. 28..... | 765.29 | 36,493 | -668 |
| Mar. 31..... | 775.27 | 44,717 | +8,224 |
| Apr. 30..... | 785.66 | 54,323 | +9,606 |
| May 31..... | 796.84 | 65,901 | +11,578 |
| June 30..... | 794.68 | 63,562 | -2,339 |
| July 31..... | 785.52 | 54,186 | -9,376 |
| Aug. 31..... | 789.37 | 58,022 | +3,836 |
| Sep. 30..... | 772.80 | 42,599 | -15,423 |
| WTR YR 2001..... | -- | -- | -2,817 |