

12191600 BAKER LAKE AT UPPER BAKER DAM NEAR CONCRETE, WA

LOCATION.--Lat 48°38'58", long 121°41'22", in SW $\frac{1}{4}$ sec.31, T.37 N., R.9 E., Whatcom County, 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 mi².

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

GAGE.--Water-stage recorder. Datum of gage is NGVD of 1929.

REMARKS.--Reservoir is formed by concrete gravity dam, completed in June 1959; storage began July 9, 1959. Usable storage, 220,630 acre-ft between elevations 655 ft, minimum operating pool, and 724 ft, normal full pool. Dead storage below elevation 655 ft, 64,840 acre-ft. Crest of spillway is at elevation 694 ft. Water used by Puget Sound Energy for power generation. Capacity table furnished by Puget Sound Energy. 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, 724.49 ft; minimum contents since normal operating level was reached in August 1960, 102,621 acre-ft May 8, 1977, elevation, 674.81 ft.

EXTREMES FOR CURRENT YEAR.--Maximum contents, 281,750 acre-ft July 12, elevation, 723.25 ft; minimum contents, 105,555 acre-ft Mar. 8, elevation, 676.01 ft.

MONTHEND GAGE HEIGHT AND CONTENTS AT 2400, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

Date	Gage height (feet)	Contents (acre-feet)	Change in contents (acre-feet)
Sept. 30.....	719.65	264,231	--
Oct. 31.....	714.07	238,303	-25,928
Nov. 30.....	701.95	187,455	-50,848
Dec. 31.....	696.17	166,076	-21,379
CAL YR 2001.....	--	--	+16,802
Jan. 31.....	691.12	148,913	-17,163
Feb. 28.....	684.91	129,681	-19,232
Mar. 31.....	682.99	124,132	-5,549
Apr. 30.....	684.63	128,864	+4,732
May 31.....	706.11	203,997	+75,133
June 30.....	721.23	271,844	+67,847
July 31.....	721.13	271,357	-487
Aug. 31.....	719.24	262,274	-9,083
Sept. 30.....	709.23	217,055	-45,219
WTR YR 2002.....	--	--	-47,176