

12191600 BAKER LAKE AT UPPER BAKER DAM NEAR CONCRETE, WA

LOCATION.--Lat 48°38'58", long 121°41'22", in SW 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 sea level.

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, 280,857 acre-ft July 1, elevation, 723.07 ft; minimum contents, 121,012 acre-ft March 30, elevation, 681.88 ft.

MONTHEND GAGE HEIGHT AND CONTENTS AT 2400, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

Date	Gage height (feet)	Contents (acre-feet)	Change in contents (acre-feet)
Sept. 30.....	719.88	265,329	
Oct. 31.....	712.03	229,205	-36,124
Nov. 30.....	706.00	203,544	-25,661
Dec. 31.....	702.20	188,425	-15,119
CAL YR 1999.....	--	--	-17,673
Jan. 31.....	689.20	142,758	-45,667
Feb. 29.....	690.72	147,617	+4,859
Mar. 31.....	682.42	122,527	-25,090
Apr. 30.....	685.25	130,686	+8,159
May 31.....	712.68	232,086	+101,400
June 30.....	722.87	279,871	+47,785
July 31.....	722.24	276,774	-3,097
Aug. 31.....	714.59	240,659	-36,115
Sept. 30.....	712.03	229,205	-11,454
WTR YR 2000.....	--	--	-36,124