

12045000 LAKE MILLS AT GLINES CANYON, NEAR PORT ANGELES, WA

LOCATION.--Lat 48°00'08", long 123°35'55", in SW 1/4 SE 1/4 sec.17, T.29 N., R.7 W., Clallam County, Hydrologic Unit 17110020, Olympic National Park, at Glines Canyon Dam on Elwha River, 2 mi upstream from Griff Creek, 4.1 mi south of Elwha, and 11 mi southwest of Port Angeles.

DRAINAGE AREA.--245 mi².

PERIOD OF RECORD.--April 1927 to current year. Prior to October 1950, monthly change in contents only, published in WSP 1316.

GAGE.--Nonrecording gage. Datum of gage is 19.67 ft below NGVD of 1929.

REMARKS.--Reservoir is formed by concrete dam, completed in 1927; storage began Apr. 1, 1927. Usable capacity, 6,150 acre-ft between gage heights 592.0 ft, normal minimum operation level, and 610.0 ft, top of spillway gates. Storage below gage height 592.0 ft, 25,240 acre-ft. Figures given herein represent total contents. Water is used for power production.

COOPERATION.--Gage-height record furnished by Daishowa America Co., Ltd., Oct. 1 to Feb. 28, 2000. By Bureau of Reclamation since Mar. 1, 2000. Capacity table, revised Oct. 1, 1989, was furnished by Hosey and Associates to be used starting in the 1990 water year.

EXTREMES FOR PERIOD OF RECORD.--Maximum contents observed, 39,940 acre-ft Dec. 22, 1936, gage height, 613.0 ft; minimum contents observed since reservoir first filled in May 1927, 24,290 acre-ft Nov. 14, 1929, gage height, 574.4 ft.

EXTREMES FOR CURRENT YEAR.--Maximum contents observed, 31,488 acre-ft Nov. 13, gage height, 610.3 ft; minimum contents observed, 30,121 acre-ft Oct. 9, gage height, 606.3 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..... | 608.8 | 30,975 | -- |
| Oct. 31..... | 609.8 | 31,317 | +342 |
| Nov. 30..... | 609.8 | 31,317 | 0 |
| Dec. 31..... | 609.7 | 31,283 | -34 |
| CAL YR 2001..... | -- | -- | +205 |
| Jan. 31..... | 608.8 | 30,975 | -308 |
| Feb. 28..... | 609.8 | 31,317 | +342 |
| Mar. 31..... | 609.6 | 31,249 | -68 |
| Apr. 30..... | 609.9 | 31,351 | +102 |
| May 31..... | 609.7 | 31,283 | -68 |
| June 30..... | 609.6 | 31,249 | -34 |
| July 31..... | 609.1 | 31,078 | -171 |
| Aug. 31..... | 607.8 | 30,634 | -444 |
| Sept. 30..... | 608.8 | 30,975 | +341 |
| WTR YR 2002..... | -- | -- | 0 |