475807089483501 LOON LAKE, NORTHEAST SIDE, NEAR GRAND PORTAGE, MN

LOCATION.--Lat $47^{\circ}58'07"$, long $89^{\circ}48'35"$, $NW^{1}_{4}NW^{1}_{4}SE^{1}_{4}$ sec. 4, T.63N, R.5E., Cook County, Hydrologic Unit 04010101, on the north end of Loon Lake, 2.0 mi northwest of Mineral Center, 2.3 mi southeast of Canadian Border, and 5.9 mi west of Grand Portage.

PERIOD OF RECORD. -- June 1998 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 1,600 ft above sea level (from topographic map).

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 15.78 ft., Oct.17, 1998; maximum daily, 15.74 ft. Oct. 17,18, 1998; minimum gage height, 14.90 ft, Sept. 17, 1998; minimum daily, 14.95 ft., Sept. 13, 1998.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 15.78 ft., Oct. 17; maximum daily, 15.74 ft. Oct. 17,18; minimum gage height, 15.02 ft, Oct. 5; minimum daily, 15.04 ft., Oct. 3,4.

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999 DAILY MEAN VALUES DAY OCT NOV DEC JAN FEB MAR APR MAY NUL JUL AUG SEP 15.08 15.49 15.64 15.65 15.46 15.45 15.46 15.46 15.46 2 15.05 15.48 ---------------15.62 15.65 15.45 ---------------15.63 15.04 15.48 15.60 15.42 15.04 15.63 5 15.07 15.46 ___ ___ ___ ___ ___ 15.57 15.69 15.67 15.47 15.51 6 15.26 15.45 15.59 15.71 15.65 15.31 15.31 15.45 15.46 ___ ___ ___ ___ ___ 15.68 15.68 15.64 15.61 15.61 15.59 15.49 15.48 15.49 15.57 8 ---------------15.46 15.66 10 15.31 ___ ___ ___ ___ ___ 15.62 15.57 15.65 15.52 15.56 11 12 13 15.35 15.36 15.57 15.54 15.57 15.53 15.60 15.61 15.57 15.61 ___ ___ ___ ___ ___ ---15.55 ___ ___ ___ 15.56 15.35 15 15.36 ___ ___ ___ ___ ___ ---15.53 15.48 15.59 15.62 15 54 16 15.48 15.54 15.47 15.68 17 15.74 15.74 ___ ___ ___ ___ ___ ---15.56 15.58 15.46 15.45 15.58 15.56 15.63 15.62 15.53 18 ------15.52 15.61 19 15.68 ---------15.56 15.46 15.55 15 73 ___ ___ 20 15 64 ___ ___ ___ 15.60 15 44 15 53 15.55 15 53 21 15.61 15.72 15.63 15.42 15.52 15.52 15.52 15.59 15.57 ___ ---___ ___ ___ 15.73 15.71 15.60 15.64 15.42 15.47 15.50 15.54 15.52 15.53 22 15.51 23 ---------------15.50 24 15.55 ------------15.70 15.66 15.49 15.57 15.53 25 ___ ___ ___ 15.54 ------15.71 15.63 15.46 15.56 15.53 15.50 26 15.53 15.72 15.60 15.45 15.54 15.51 15.53 ___ ___ 27 ---------15.72 15.58 15.56 15.48 15.43 15.52 15.45 15.50 15.54 28 15.51 ___ ------___ ---15.70 15.45 15.53 15.53 29 15.50 ---------------15.68 15.54 15.57 15.46 15.52 15.41 15 52 15.51 ---15.51 15.41 15.52 30 ---15.66 15.46 15.63 MEAN 15.41 15.60 15.56 15.52 15.52 15.53 MAX 15.74 ___ ---___ ---15.68 15.71 15.67 15.68 15.57 ------------------MTN 15.04 15.53 15.42 15.45 15.41 15.46

