



Water-Data Report 2007

05129400 RAINY LAKE NEAR FORT FRANCES, ONTARIO

Rainy Basin
Rainy Lake Subbasin

LOCATION.--Lat 48°38'30", long 93°20'00" referenced to North American Datum of 1927, Koochiching County, MN, Hydrologic Unit 09030003, at Five Mile dock, approximately 5 mi northeast of city of Fort Frances.

SURFACE-WATER RECORDS

PERIOD OF RECORD.--January 1910 to September 1917 and October 1934 to current year, in reports of Geological Survey. August 1911 to current year, in reports of Water Survey of Canada. Prior to October 1949, published as "at Ranier, Minn.", and as "at Fort Frances, Ontario" October 1949 to September 1964.

GAGE.--Water-stage recorder. Datum of gage is sea level (United States and Canadian Boundary Survey). January 1910 to December 1949, nonrecording gage 3 mi northeast at Ranier, Minn., at same datum. January 1950 to October 1964, water-stage recorder on Government dock at Pither's Point at Fort Frances, and supplementary gage in town pumping station, 0.5 mi south, used during winter months, at same datum.

COOPERATION.--This station is one of the international gaging stations maintained by Canada under agreement with the United States.

REMARKS.--Records furnished by Water Survey of Canada.

EXTREMES FOR PERIOD OF RECORD.--Maximum elevation observed, 1,112.97 ft, July 5, 1950; minimum observed, 1,101.26 ft, Apr. 17, 1923, Apr. 2, 1930.

EXTREMES FOR CURRENT YEAR.--Maximum elevation, 1,108.15 ft, July 10; maximum daily, 1,107.79 ft, July 10; minimum elevation, 1,104.83 ft, Feb. 21; minimum daily, 1,104.87 ft, Feb. 20.

MONTH-END ELEVATIONS, IN FEET ABOVE SEA LEVEL WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007

Oct. 31	1105.63	Apr. 30	1105.52
Nov. 30	1105.11	May 31	1106.08
Dec. 31	1104.98	June 30	1107.74
Jan. 31	1105.00	July 31	1107.56
Feb. 28	1104.93	Aug. 31	1107.30
Mar. 31	1105.10	Sep. 30	1107.40