

**06162000 HUFF LAKE NEAR VAL MARIE, SASKATCHEWAN**

Upper Missouri Basin  
Frenchman Subbasin

LOCATION.--Lat 49°22'16", long 107°53'07" referenced to North American Datum of 1927, third meridian, Hydrologic Unit 10050013, near dam on Frenchman River, 11 mi northwest of Val Marie, and at mile 169.7.

DRAINAGE AREA.--1,274 mi<sup>2</sup>.

**SURFACE-WATER RECORDS**

PERIOD OF RECORD.--February 1940 to current season (seasonal records only). February 1940 to October 1979, published as "Val Marie West Reservoir." Records prior to October 1946 are published only in Water Supply Paper (WSP) 1309. April to May 1952, daily elevations and contents are published in WSP 1260-B.

REVISED RECORDS.--WSP 1309: 1947-50.

GAGE.--Water-stage recorder. Elevation of gage is at mean sea level, referenced to Geodetic Survey of Canada datum. May 1952 to May 1954, reference point on control structure. May 1954 to May 10, 1966, nonrecording gages. May 11, 1966, to Oct. 31, 1979, recording gage on riparian gatwell.

COOPERATION.--This is one of a number of stations which are maintained jointly by Canada and the United States.

REMARKS.--Reservoir is formed by earthfill dam with concrete control works completed in 1939. The following capacity figures are from capacity table effective Jan. 1, 2004. Usable capacity is 3,000 acre-ft between elevation 2,663.2 ft, bottom of outlet works, and 2,676.5 ft, maximum design level. Dead storage is 20 acre-ft. Water is used for irrigation. Figures given herein represent total contents. Water Survey of Canada satellite telemeter is located at the station.

EXTREMES FOR PERIOD OF RECORD.--Maximum contents, 5,160 acre-ft, Mar. 26, 1997, elevation, 2,678.91 ft; no contents Feb. 28, Mar. 31, 1950, Oct. 22-31, 1984, Mar. 1-7, Aug. 6 to Sept. 14, 1985, and Feb. 28 to Apr. 11, 2002.

EXTREMES FOR CURRENT SEASON.--Maximum contents, 3,280 acre-ft, June 25, elevation, 2,676.99 ft; minimum, 2,220 acre-ft, Mar. 1, elevation, 2,674.81 ft.

**SEASONAL MONTHEND CONTENTS  
FEBRUARY 2013 TO OCTOBER 2013**

<b>Date</b>	<b>Contents (acre-feet)</b>
February 28	2,220
March 31	2,450
April 30	2,930
May 31	2,460
June 30	2,850
July 31	3,010
August 31	2,930
September 30	2,930
October 31	2,700