Water-Data Report 2012

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 mi².

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 gatewell.

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 YEAR.--
CHANGE TO SEASON: Maximum contents, 3,240 acre-ft, May 6, elevation, 2,676.91 ft; minimum, 843 acre-ft, Aug. 28, elevation, 2,670.81 ft.

SEASONAL MONTHEND CONTENTS
FEBRUARY 2012 TO OCTOBER 2012

Date	Contents (acre-feet)
February 29	2,690
March 31	3,080
April 30	3,110
May 31	2,380
June 30	2,760
July 31	2,990
August 31	859
September 30	1,270
October 31	2,270

Suggested citation: U.S. Geological Survey, 2013, Water-resources data for the United States, Water Year 2012: U.S. Geological Survey Water-Data Report WDR-US-2012, site 06162000, accessed at http://wdr.water.usgs.gov/wy2012/pdfs/06162000.2012.pdf