



Water-Data Report 2006

06144260 ALTAWAN RESERVOIR NEAR GOVENLOCK, SASKATCHEWAN

Upper Missouri Basin
Lodge Subbasin

LOCATION.--Lat 49°10'00", long 109°55'00" referenced to North American Datum of 1927, in SW ¼ sec.35, T.0 2., R.30 W., Hydrologic Unit is unknown, third meridian, Hydrologic Unit 10050007, at dam on Lodge Creek, 6.3 mi southwest of Govenlock, and at river mile 113.5.

DRAINAGE AREA.--373 mi².

SURFACE-WATER RECORDS

PERIOD OF RECORD.--February 1966 to current season (seasonal records only). February 1960 to current season published in reports of Department of the Environment, Canada. Water-stage recorder. Elevation of gage is 2,918.0, referenced to the Geodetic Survey of Canada datum. Prior to July 7, 1967, nonrecording gage in gate was read every ten days during irrigation season.

REVISED RECORDS.--Water Data Report 1983: Drainage area.

REMARKS.--Reservoir is formed by earthfill dam with concrete spillway and control works as well as an emergency earthen spillway, which was completed in 1959. The following capacity figures are from revised capacity table effective Jan. 1, 1983. All elevations are referenced to the Geodetic Survey of Canada datum. Usable capacity is 5,440 acre-ft between elevation 2,918.0 ft, bottom of outlet works, and 2,952.0 ft, maximum design level. No dead storage. Water is used for irrigation. Water Survey of Canada satellite telemeter is located at the station. This is one of a number of stations which are maintained jointly by Canada and the United States.

EXTREMES FOR PERIOD OF RECORD.--Maximum contents, 8,300 acre-ft, Sept. 26, 1986, elevation, 2,958.10 ft; no contents Mar. 1, 1960, Oct. 6-31, 1984, Mar. 1-18, and Oct. 3-31, 1985.

EXTREMES FOR CURRENT SEASON.--Maximum contents, 6,120 acre-ft, Apr. 3, elevation, 2,953.59 ft; minimum, 1,690 acre-ft, Oct. 31, elevation, 2,940.83 ft.

**SEASONAL MONTHEND CONTENTS
FEBRUARY 2006 TO OCTOBER 2006**

Date	Contents (acre-feet)
February 28	3,200
March 31	5,470
April 30	5,490
May 31	3,350
June 30	2,880
July 31	2,190
August 31	1,820
September 30	1,740
October 31	1,690