



Water-Data Report 2009

06469820 PIPESTEM RESERVOIR NEAR JAMESTOWN, ND

James Basin
Pipestem Subbasin

LOCATION.--Lat 46°57'44", long 98°45'11" referenced to North American Datum of 1927, in NW ¼ NW ¼ sec.10, T.140 N., R.64 W., Stutsman County, ND, Hydrologic Unit 10160002, on left bank in control house above Pipestem Dam, 2.5 mi northwest of Jamestown Post Office, and 3.5 mi upstream from James River.

DRAINAGE AREA.--1,010 mi² of which 510 mi² probably is noncontributing.

SURFACE-WATER RECORDS

PERIOD OF RECORD.--March 1974 to current year. Prior to October 1991, records are available from the U.S. Army Corps of Engineers.

GAGE.--Water-stage recorder. Datum of gage is at National Geodetic Vertical Datum of 1929.

COOPERATION.--Records furnished by U.S. Bureau of Reclamation. Elevations affected by wind.

REMARKS.--Reservoir is formed by earth-fill dam; storage began in July 1973; dam completed in 1973. Total capacity is 147,000 acre-ft at maximum pool, elevation 1,496.3 ft. The reservoir is used for flood control, fish and wildlife, and recreation.

EXTREMES FOR PERIOD OF RECORD.--Maximum contents, 123,950 acre-ft, April 23, 2009, elevation, 1,492.19 ft; minimum, 6,730 acre-ft, February 17, 1993, elevation, 1,439.65 ft.

EXTREMES FOR CURRENT YEAR.--Maximum contents, 123,950 acre-ft, April 23, elevation, 1,492.19 ft; minimum, 8,480 acre-ft, September 29, 30, elevation, 1,441.95 ft.

MONTHEND ELEVATION AND CONTENTS AT 2400, WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Date	Elevation,in ft	Contents,in acre-ft	Change in contents
Sept. 30	1,442.49	8,940	
Oct. 31	1,442.83	9,220	+280
Nov. 30	1,442.93	9,300	+80
Dec. 31	1,442.68	9,100	-200
CAL YR 2008	-----	-----	0
Jan. 31	1,442.64	9,060	-40
Feb. 28	1,442.71	9,120	+60
Mar. 31	1,460.05	32,650	+23,530
Apr. 30	1,490.21	115,990	+83,340
May 31	1,472.15	58,480	-57,510
June 30	1,461.97	36,210	-22,270
July 31	1,451.91	19,550	-16,660
Aug. 31	1,443.07	9,430	-10,120
Sept. 30	1,441.95	8,480	-950
WTR YR 2009	-----	-----	-460