December 1, 2008
WATER SUPPLY AND UTILIZATION REPORT
BIGHORN RIVER BASIN
WYOMING AREA OFFICE

This report concerns the operation of Reclamation facilities in the Shoshone and Wind/Bighorn River Basins.

Reclamation defines a water year as the time period of October 1 through September 30. Water year is abbreviated in this report as W. Yr.

Other organizations furnished information for the Water Supply and Utilization Report. Their cooperation is greatly appreciated.

This report is available on the Internet and can be accessed by following these steps:

1. **Log on to the Great Plains Home Page at** http://www.usbr.gov/gp
2. **Select Water Operations.**
3. **Select Water Management Information.**
4. **Select Water Supply Report.**
5. **Under Bighorn Basin, select Current Month or reports from the previous 12 months**

BIGHORN RIVER BASIN INFLOW

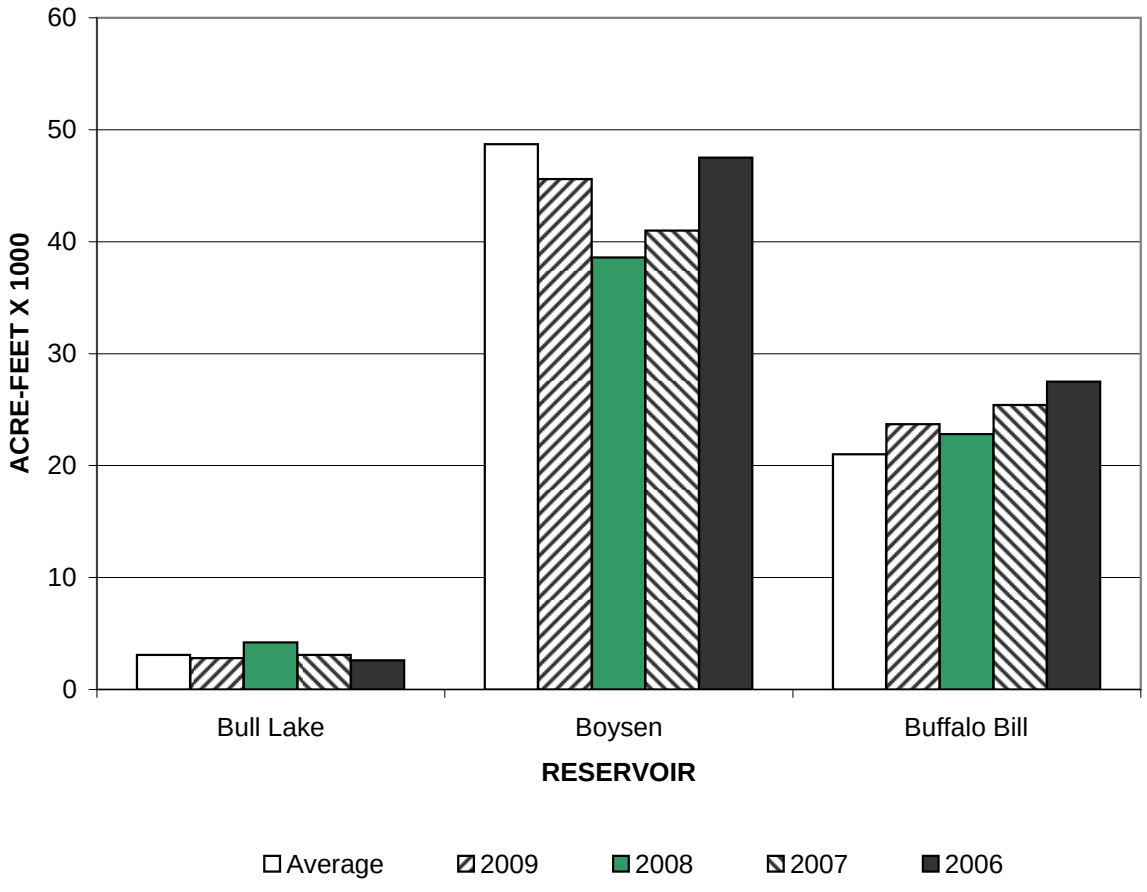
November inflow was above average at Buffalo Bill Reservoir.

(1000 acre-feet)

	November Inflow			November Historical Inflow			Accumulated Inflow (October - November)		
Reservoir	W. Yr. 2009	30 Yr. Avg. [1]	% of Avg.	W. Yr. 2008	W. Yr. 2007	W. Yr. 2006	W. Yr. 2009	30 Yr. Avg.	% of Avg.
Bull Lake	2.8	3.1	90	4.2	3.1	2.6	7.8	8.5	92
Boysen	45.6	48.7	94	38.6	41.0	47.5	82.6	108.3	76
Buffalo Bill	23.7	21.0	113	22.8	25.4	27.5	48.0	46.1	104

[1] Average is based on the 1979-2008 period.

BIGHORN RIVER BASIN
RESERVOIR INFLOW
November



BIGHORN RIVER BASIN OUTFLOW

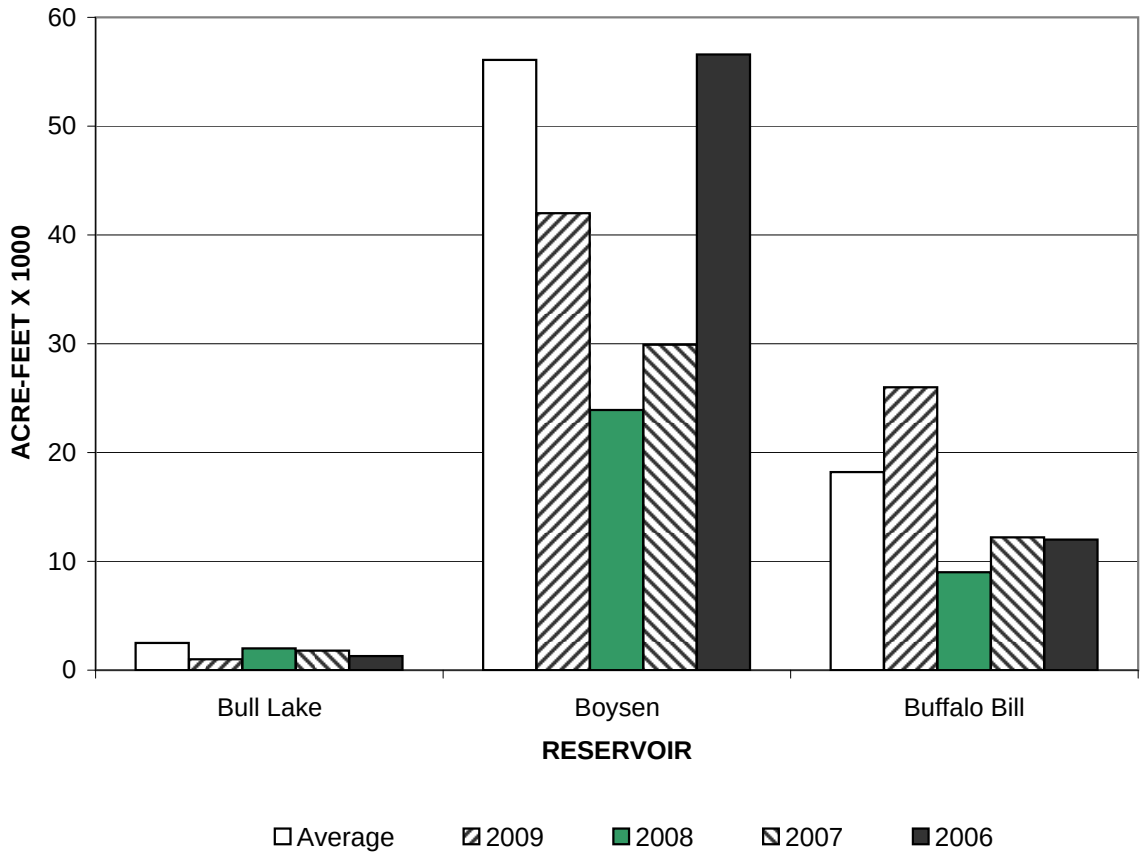
The release from Buffalo Bill Reservoir was above average during November.

(1000 acre-feet)

	November Outflow			November Historical Outflow			Accumulated Outflow (October - November)		
Reservoir	W. Yr. 2009	30 Yr. Avg. [1]	% of Avg.	W. Yr. 2008	W. Yr. 2007	W. Yr. 2006	W. Yr. 2008	30 Yr. Avg.	% of Avg.
Bull Lake	1.0	2.5	40	2.0	1.8	1.3	2.6	9.1	29
Boysen	42.0	56.1	75	23.9	29.9	56.6	85.3	119.2	72
Buffalo Bill	26.0	18.2	143	9.0	12.2	12.0	73.4	53.3	138

[1] Average is based on the 1979-2008 period.

BIGHORN RIVER BASIN
RESERVOIR OUTFLOW
November



BIGHORN RIVER BASIN STORAGE

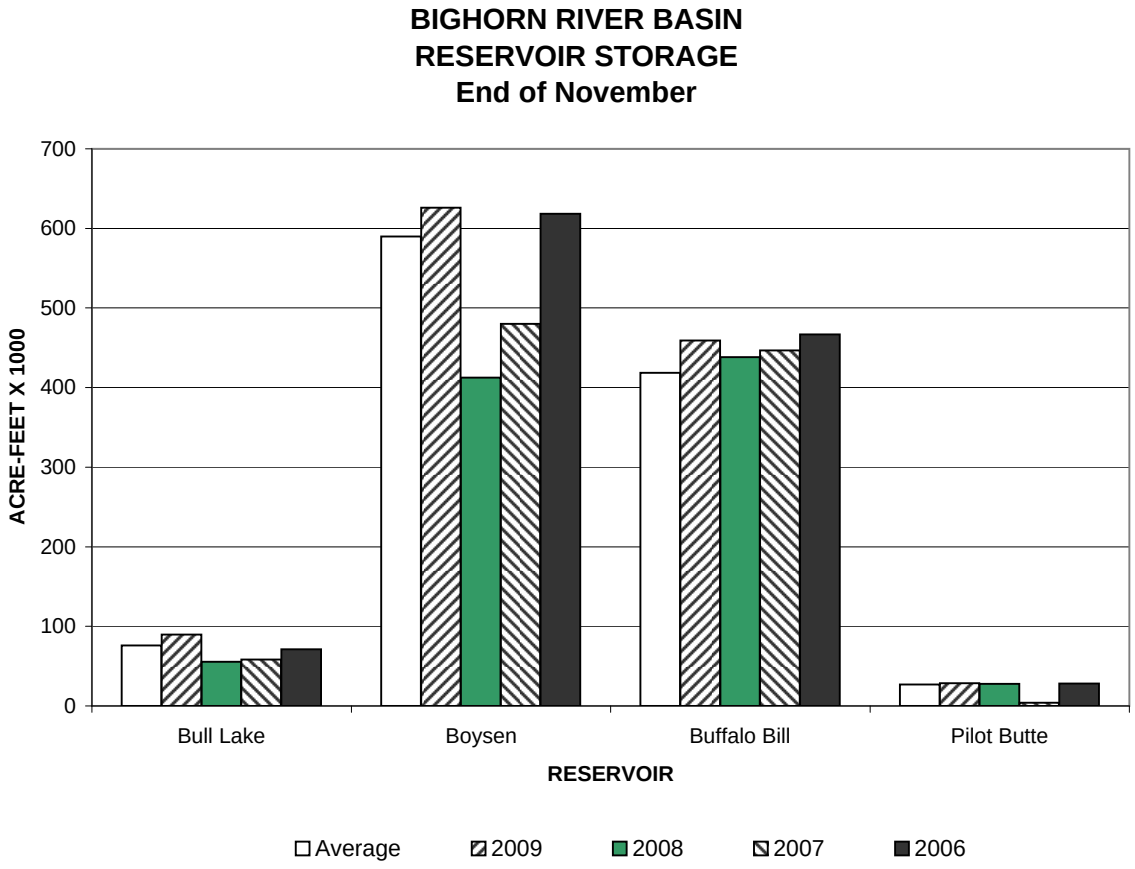
Storage at the end of November was above average at all Basin Reservoirs.

(1000 acre-feet)

Reservoir	Total Storage End of November			End of November Historical Storage			Total Conservation Storage Capacity	Percent of Capacity
	W. Yr. 2009	30 Yr. Avg. [1]	% of Avg.	W. Yr. 2008	W. Yr. 2007	W. Yr. 2006		
Bull Lake	89.6	75.9	118	55.3	58.2	71.2	152.5	59
Boysen	626.1	590.0	106	412.6	480.2	618.4	741.6	84
Buffalo Bill	459.1	418.5 [2]	110	438.2	446.7	466.8	646.6	71
Pilot Butte	28.4	27.0	105	27.6	3.9	28.3	33.7	84

[1] Average is based on the 1979-2008 period.

[2] This does not reflect a long term average because in 1992 the capacity of the reservoir was increased to approximately 646,565 acre-feet as a result of raising the dam. The average used here reflects data from 1993 through 2008



BIGHORN RIVER BASIN GENERATION

Generation during November was above average at Buffalo Bill and Shoshone Powerplants.

(Energy in giga-watt hours)

	November Gross Generation			November Historical Generation			Accumulated Gross Gen. (October - November)		
Powerplant	W. Yr. 2009	Avg.	% of Avg.	W. Yr. 2008	W. Yr. 2007	W. Yr. 2006	W. Yr. 2009	Avg.	% of Avg.
Boysen [1]	3.6	4.7	77	1.6	2.1	5.0	7.1	9.7	73
Pilot Butte [2]	0.0	0.0	0	0.0	0.0	0.0	0.0	0.2	0
Heart Mtn. [3]	0.0	0.1	0	0.0	0.0	0.0	0.8	0.8	100
Buffalo Bill [3]	3.4	1.5	227	0.0	0.0	0.5	8.2	3.4	241
Shoshone [3]	1.9	1.5	127	1.7	1.8	1.4	3.9	3.2	122
Spirit Mtn. [4]	0.0	0.0	0	0.0	0.0	0.0	0.7	0.9	78

[1] Average is based on the 1979-2008 period.
[2] Average is based on the 1990-2008 period.
[3] Average is based on the 1993-2008 period.
[4] Average is based on the 1996-2008 period.