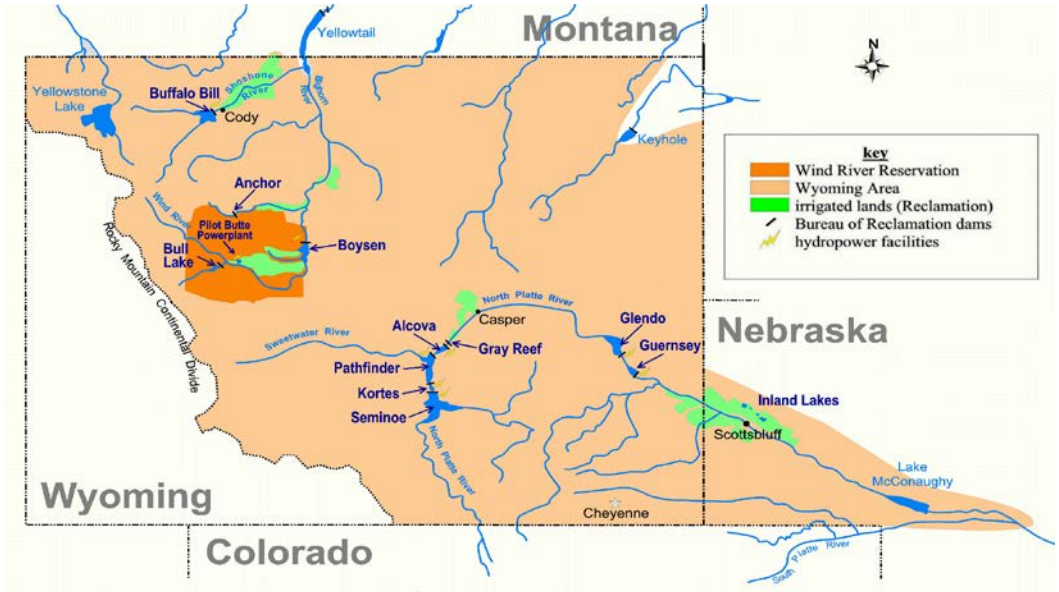
RECLAMATION
Managing Water in the West

Bighorn Basin
Water Supply and Utilization Report
Wyoming Area Office
Report for June 2016



The Wyoming Area Office of the Bureau of Reclamation is responsible for the operation of Reclamation reservoirs in Wyoming east of the Continental Divide except for Keyhole Reservoir. Four off-stream reservoirs in Nebraska commonly referred to as the Inland Lakes also fall within the Wyoming Area. The North Platte River Basin Reservoirs have a combined storage capacity of 2,800,000 acre-feet. The major reservoirs in the Shoshone and Wind/Bighorn Basins have a combined storage capacity of 1,600,000 acre-feet.

United States of America
Department of the Interior
Bureau of Reclamation
Wyoming Area Office
P.O. Box 1630
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Report for June 2016
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 the current report or reports from the previous 12 months**

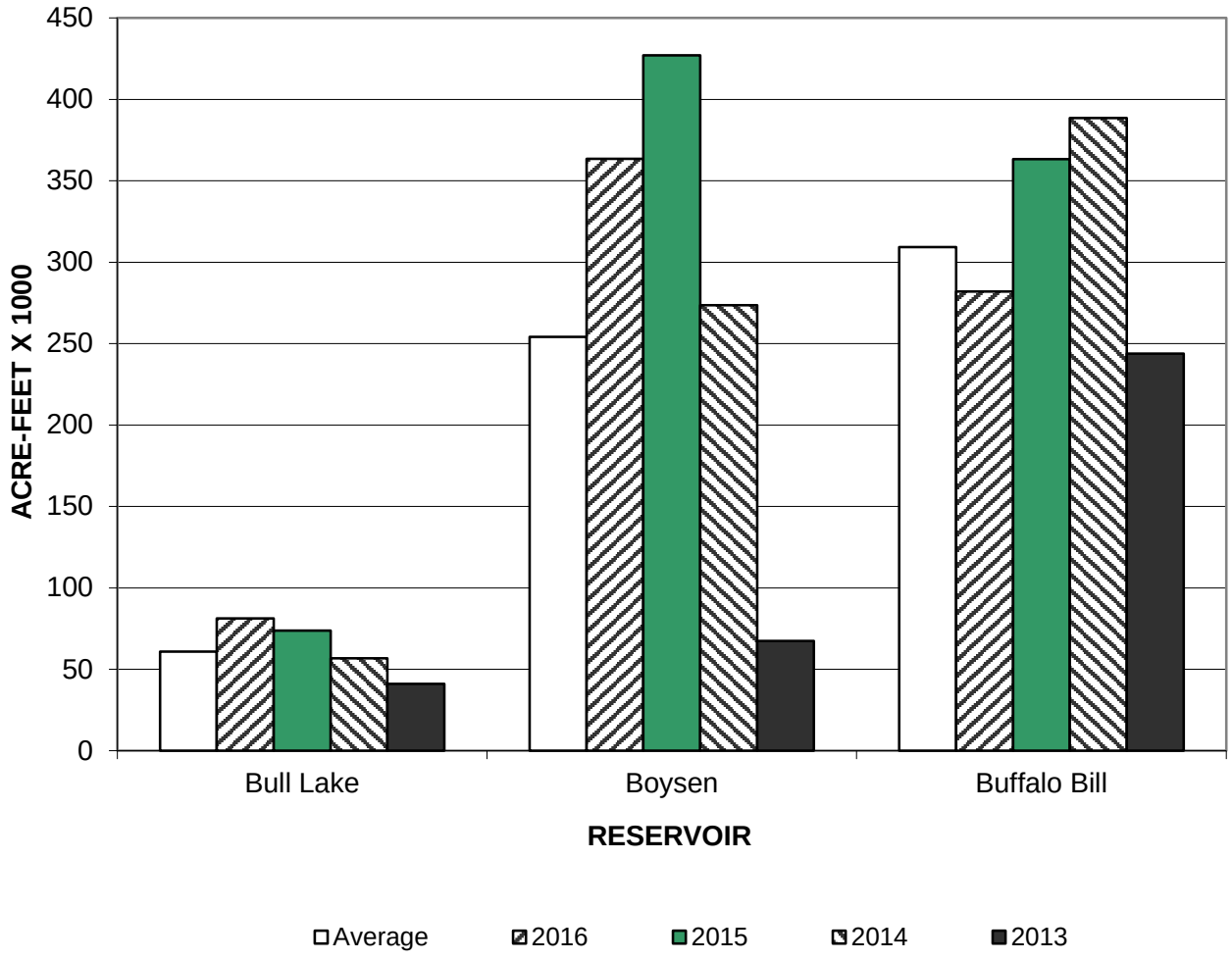
BIGHORN RIVER BASIN INFLOW

(1000 acre-feet)

	June Inflow			June Historical Inflow			Accumulated Inflow (October-June)		
Reservoir	W. Yr. 2016	30 Yr. Avg. [1]	% of Avg.	W. Yr. 2015	W. Yr. 2014	W. Yr. 2013	W. Yr. 2016	30 Yr. Avg.	% of Avg.
Bull Lake	81.3	60.8	134	73.7	56.7	41.1	140.1	109.8	128
Boysen	363.4	254.1	143	427.0	273.5	67.4	949.9	683.3	139
Buffalo Bill	282.0	309.3	91	363.2	388.5	243.8	642.1	632.9	101

[1] Average is based on the 1986-2015 period.

BIGHORN RIVER BASIN
RESERVOIR INFLOW
June



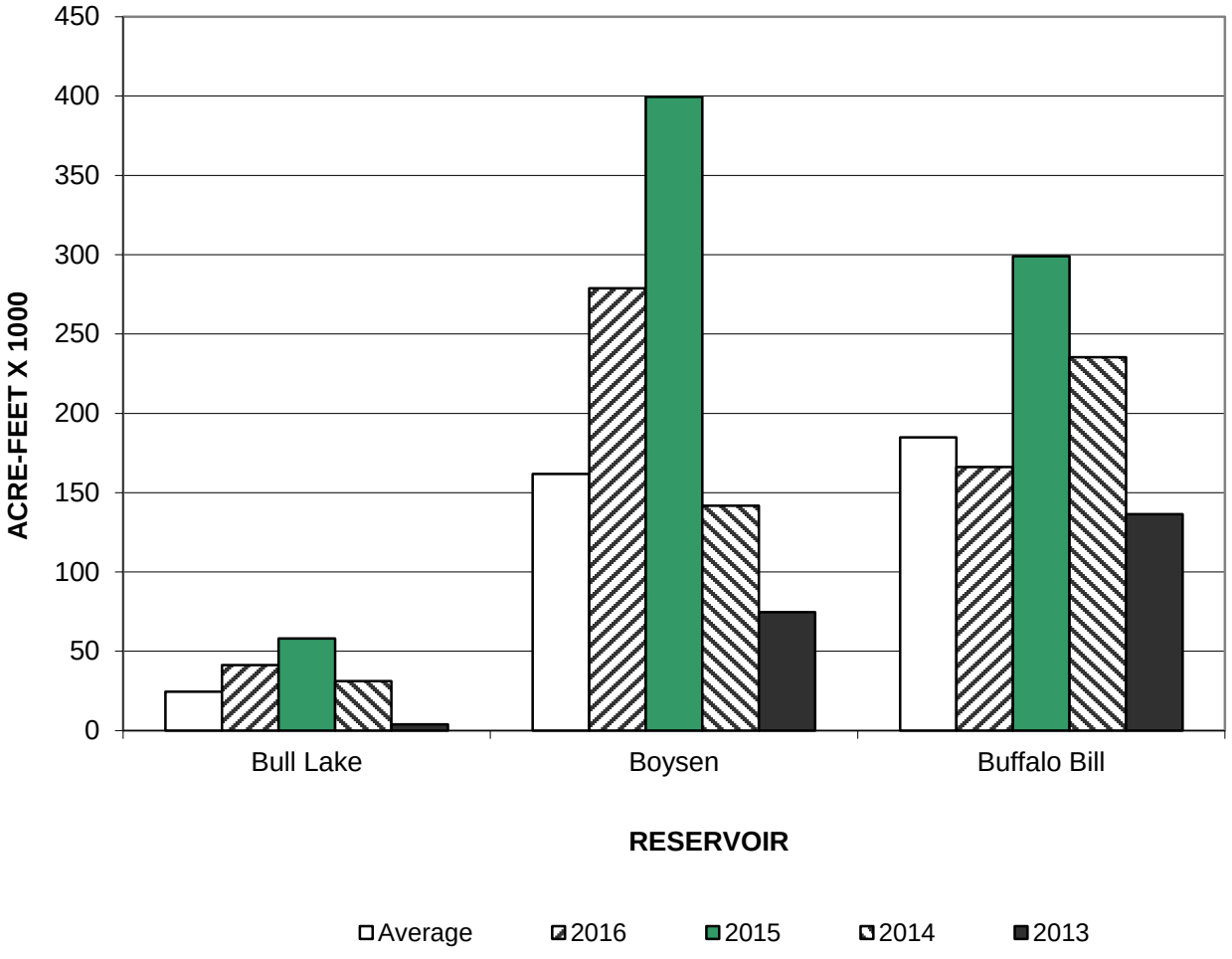
BIGHORN RIVER BASIN OUTFLOW

(1000 acre-feet)

	June Outflow			June Historical Outflow			Accumulated Outflow (October-June)		
Reservoir	W. Yr. 2016	30 Yr. Avg. [1]	% of Avg.	W. Yr. 2015	W. Yr. 2014	W. Yr. 2013	W. Yr. 2016	30 Yr. Avg.	% of Avg.
Bull Lake	41.4	24.6	168	58.1	31.2	3.9	54.1	57.2	95
Boysen	278.9	161.7	172	399.5	141.7	74.7	857.1	614.9	139
Buffalo Bill	166.1	184.9	90	299.0	235.4	136.4	445.6	488.6	91

[1] Average is based on the 1986-2015 period.

BIGHORN RIVER BASIN RESERVOIR OUTFLOW June



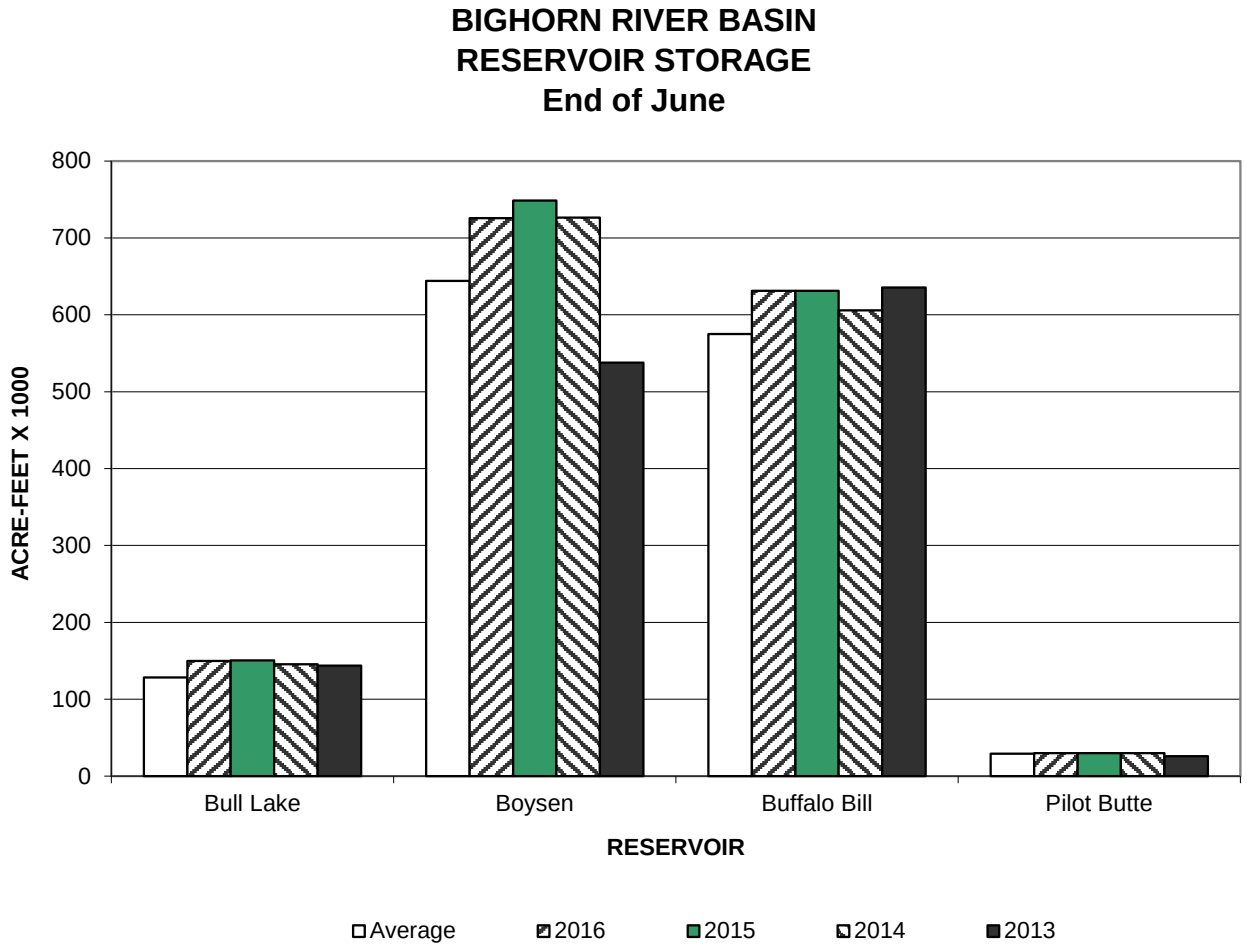
BIGHORN RIVER BASIN STORAGE

(1000 acre-feet)

Reservoir	Total Storage End of June			End of June Historical Storage			Total Conservation Storage Capacity	Percent of Capacity
	W. Yr. 2016	30 Yr. Avg. [1]	% of Avg.	W. Yr. 2015	W. Yr. 2014	W. Yr. 2013		
Bull Lake	149.9	128.2	117	150.5	145.6	143.6	152.5	98
Boysen	725.8	644.3	113	748.7	726.4	537.8	741.6	98
Buffalo Bill	631.3	574.9 [2]	110	631.1	606.0	635.5	646.6	98
Pilot Butte	30.0	29.3	102	29.8	29.9	26.1	33.7	89

[1] Average is based on the 1986-2015 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 2015.



BIGHORN RIVER BASIN GENERATION

(Energy in giga-watt hours)

	June Gross Generation			June Historical Generation			Accumulated Gross Gen. (October-June)		
Powerplant	W. Yr. 2016	Avg.	% of Avg.	W. Yr. 2015	W. Yr. 2014	W. Yr. 2013	W. Yr. 2016	Avg.	% of Avg.
Boysen [1]	10.8	7.9	137	7.7	11.2	5.9	48.4	41.4	117
Pilot Butte [2]	0.0	0.4	0	0.0	0.0	0.0	0.0	0.7	0
Heart Mtn. [3]	3.1	2.7	115	3.0	3.1	2.9	8.7	6.5	134
Buffalo Bill [3]	12.6	11.0	115	12.9	13.4	10.9	35.3	40.4	87
Shoshone [3]	1.9	2.0	95	1.9	1.7	2.0	11.6	14.4	81
Spirit Mtn. [4]	3.0	2.8	107	3.2	2.8	3.2	8.0	6.3	127

[1] Average is based on the 1986-2015 period.

[2] Average is based on the 1990-2015 period. Pilot Butte Powerplant is currently in "mothballed" status and does not generate electricity.

[3] Average is based on the 1993-2015 period.

[4] Average is based on the 1996-2015 period.