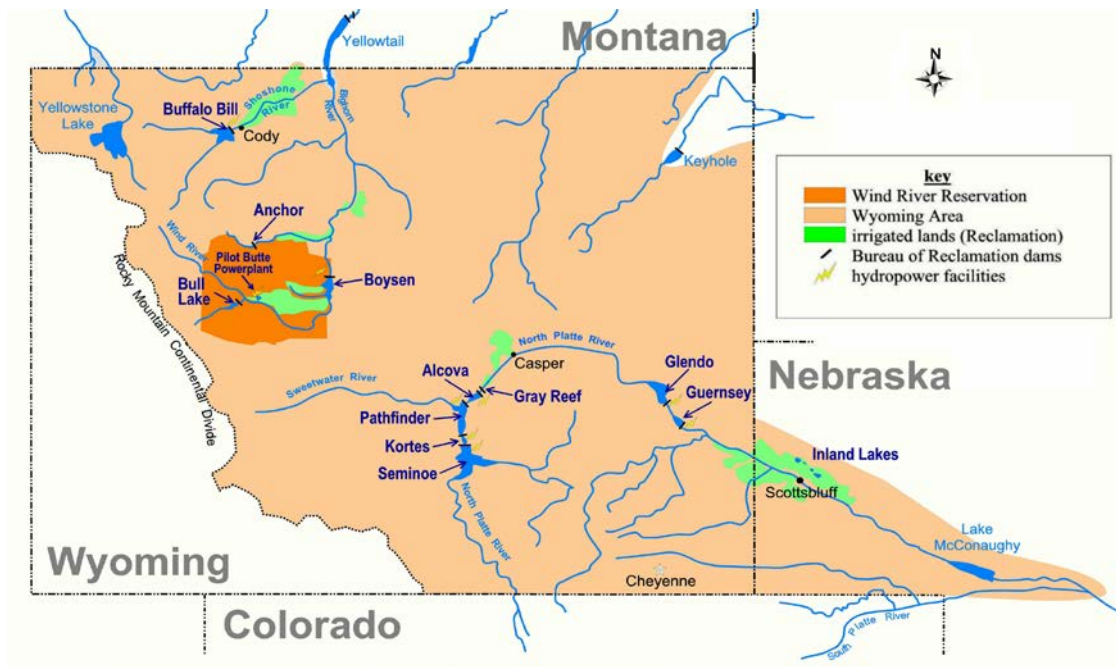


RECLAMATION

Managing Water in the West

**North Platte River Basin
Water Supply and Utilization Report
Wyoming Area Office
Report for August 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
P.O. Box 1630
Mills, Wyoming 82644-1630

**Report for August 2016
WATER SUPPLY AND UTILIZATION REPORT
NORTH PLATTE RIVER BASIN
WYOMING AREA OFFICE**

This report concerns the operation of Reclamation facilities in the North Platte River Basin.

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. On left side of page Select [Water Operations](#).
3. Under Water Operations Select [Water Management Information](#).
4. Under Water Management Select [Water Supply Report](#).
5. Under North Platte River Basin, select [Current Month or reports from the previous 12 months](#).

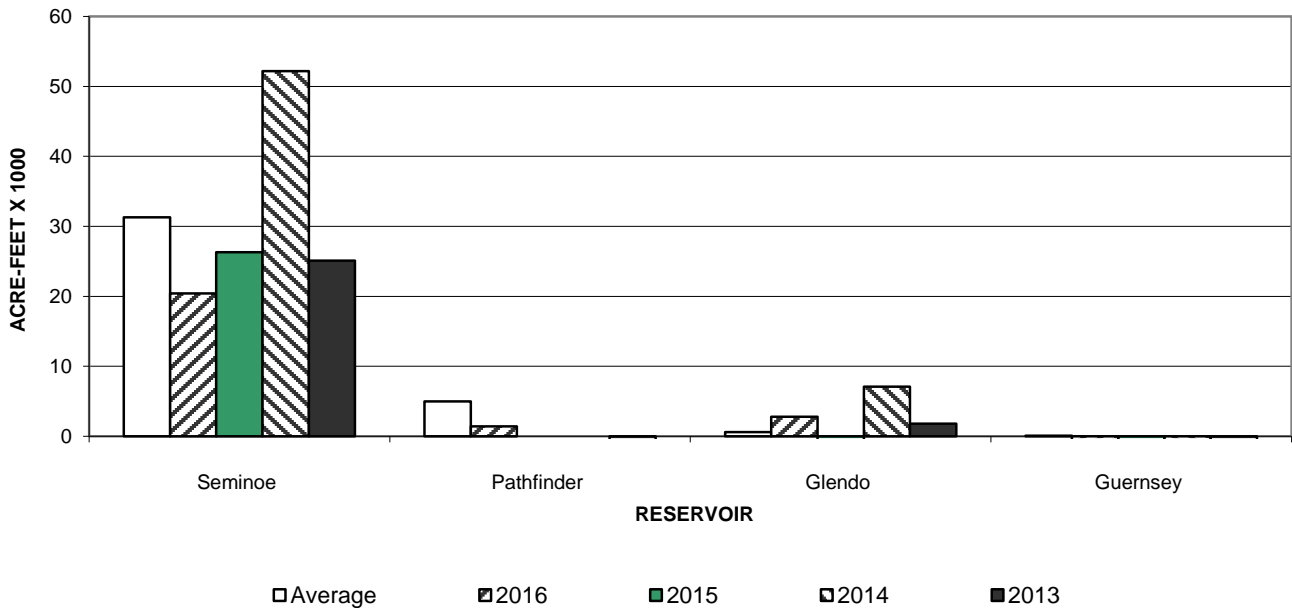
NORTH PLATTE RIVER BASIN INFLOW

(1000 acre-feet)

Reservoir	August Inflow			August Historical Inflow			Accumulated Inflow (October - August)		
	W. Yr. 2016	30 Yr. Avg. ⁵	% of Avg.	W. Yr. 2015	W. Yr. 2014	W. Yr. 2013	W. Yr. 2016	30 Yr. Avg. ⁵	% of Avg.
Seminole	20.4	31.3	65	26.3	52.2	25.1	1230.0	918.1	134
Pathfinder ^{1,2}	1.4	5.0	28	0.0	0.0	-7.3	108.7	111.2	98
Glendo ³	2.8	0.6	467	-3.0	7.1	1.8	358.8	200.0	179
Guernsey ⁴	-9.0	0.1	N/A	-4.9	-1.8	-1.4	67.2	30.3	222

- 1 It is assumed that there is no gain between Seminole and Kortes Dams.
- 2 River gain between Kortes and Pathfinder Dams.
- 3 River gain between Pathfinder and Glendo Dams.
- 4 River gain between Glendo and Guernsey Dams.
- 5 30 year average. (1986-2015)

NORTH PLATTE RIVER BASIN RESERVOIR INFLOW August



NORTH PLATTE RIVER BASIN OUTFLOW

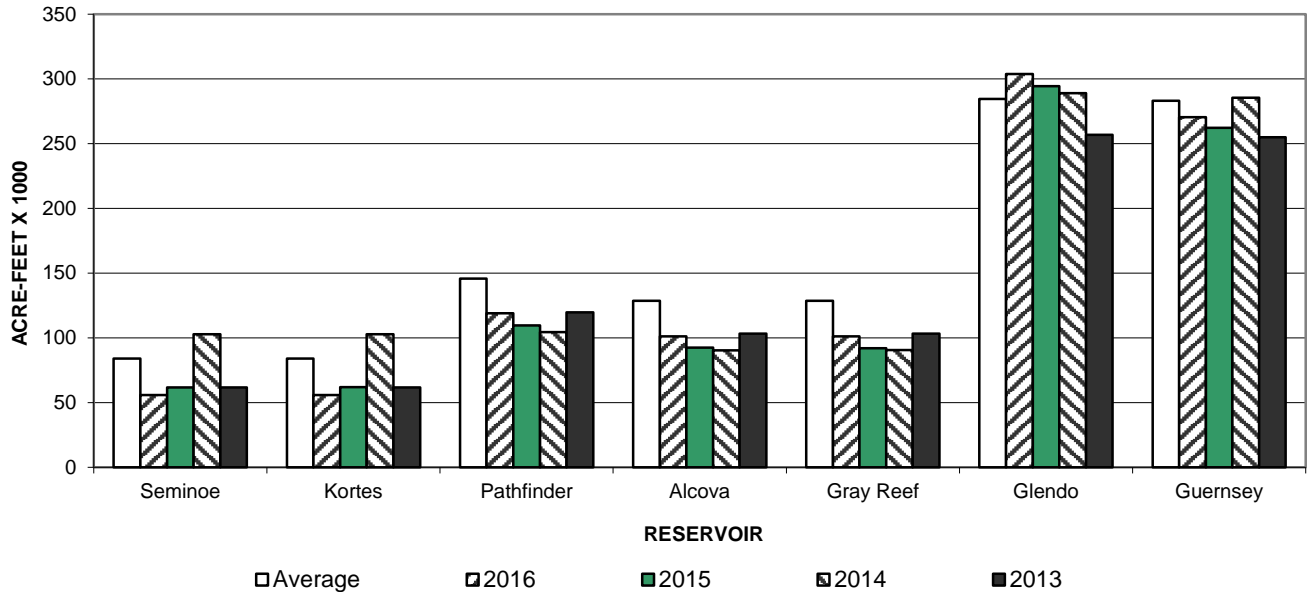
(1000 acre-feet)

Reservoir	August Outflow			August Historical Outflow			Accumulated Outflow (October - August)		
	W. Yr. 2016	30 Yr. Avg. ²	% of Avg.	W. Yr. 2015	W. Yr. 2014	W. Yr. 2013	W. Yr. 2016	30 Yr. Avg. ²	% of Avg.
Seminole	55.8	84.1	66	61.8	102.8	61.6	1167.1	846.3	138
Kortes	55.8	84.1	66	61.9	102.8	61.6	1166.9	846.1	138
Pathfinder	118.9	145.8	82	109.7	104.4	119.6	1061.6	887.9	120
Alcova	101.2	128.6	79	92.4	90.4	103.3	1003.7	820.9	122
Gray Reef	101.1	128.6	79	92.0	90.6	103.2	1002.7	820.6	122
Glendo ¹	303.7	284.5	107	294.4	288.9	256.8	1231.1	980.1	126
Guernsey	270.4	283.1	96	262.2	285.5	254.9	1271.0	961.9	132

1 In 1993 an outlet was constructed at Glendo Dam which is used to provide a flow of approximately 25 cubic feet per second, 22 year average (1994-2015).

2 30 year average (1986-2015).

**NORTH PLATTE RIVER BASIN
RESERVOIR OUTFLOW
August**



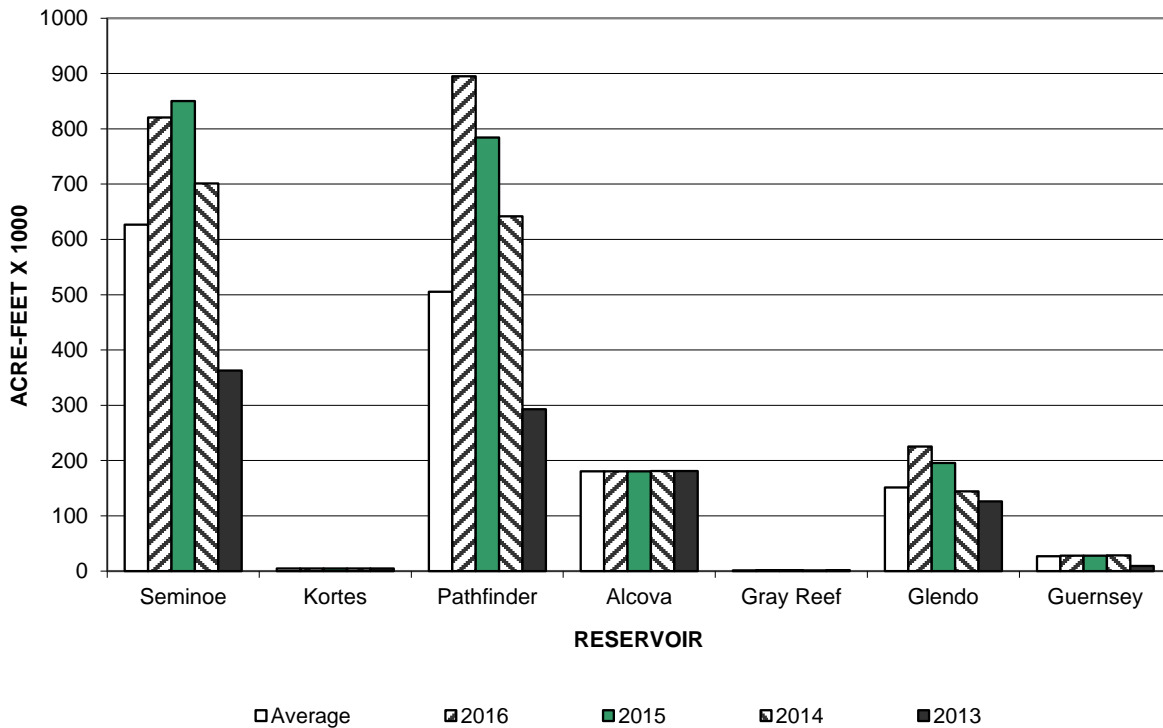
NORTH PLATTE RIVER BASIN RESERVOIR STORAGE

(1000 acre-feet)

Reservoir	Total Storage End of August			End of August 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		
Seminole	820.5	626.8	131	850.5	701.4	362.6	1017.3	81
Kortes	4.7	4.6	102	4.6	4.7	4.7	4.7	100
Pathfinder	895.3	505.5	177	784.5	641.6	292.7	1070.0	84
Alcova	180.7	180.4	100	180.3	180.8	181.1	184.4	98
Gray Reef	1.7	1.4	121	1.5	1.4	1.7	1.8	94
Glendo	225.2	151.1	149	195.7	144.1	125.9	492.0	46
Guernsey	27.9	26.9	104	28.0	28.2	9.3	45.6	61
Total	2156.0	1496.7	144	2045.1	1702.2	978.0	2815.8	77

¹ Average is based on the 1986-2015 period.

**NORTH PLATTE RIVER BASIN
RESERVOIR STORAGE
End of August**



NORTH PLATTE RIVER BASIN RESERVOIR STORAGE OWNERSHIP

(1000 acre-feet)

Ownership	Ownership of water End of August			End of August Historical Ownership			Total Storage Capacity	Percent of Capacity
	W. Yr. 2016	30 Yr. Avg. ⁵	% of Avg.	W. Yr. 2015	W. Yr. 2014	W. Yr. 2013		
Kendrick	1127.0	873.0	129	1127.0	879.0	804.7	1201.7	94
North Platte ¹	741.5	459.8	161	746.6	653.0	72.1	1115.6	66
Glendo	168.0	135.9	124	158.4	156.2	96.8	171.7	98
Inland Lakes ²	0.0	0.0	N/A	0.0	0.0	0.0	46.0	0
Cheyenne ³	7.2	2.7	267	4.8	2.4	2.3	10.0	N/A
PacifiCorp ⁴	2.0	1.8	111	2.0	2.0	2.0	2.0	100
WWDC	0.0	0.0	N/A	0.0	0.0	0.0	N/A	N/A
Other ⁶	110.4	21.3	518	6.1	9.7	0.0	N/A	N/A

1 This includes North Platte Guernsey and North Platte Pathfinder.

2 Water stored temporarily in mainstem facilities for later transfer to the Inland Lakes. This table does not reflect that water currently stored in the Inland Lakes.

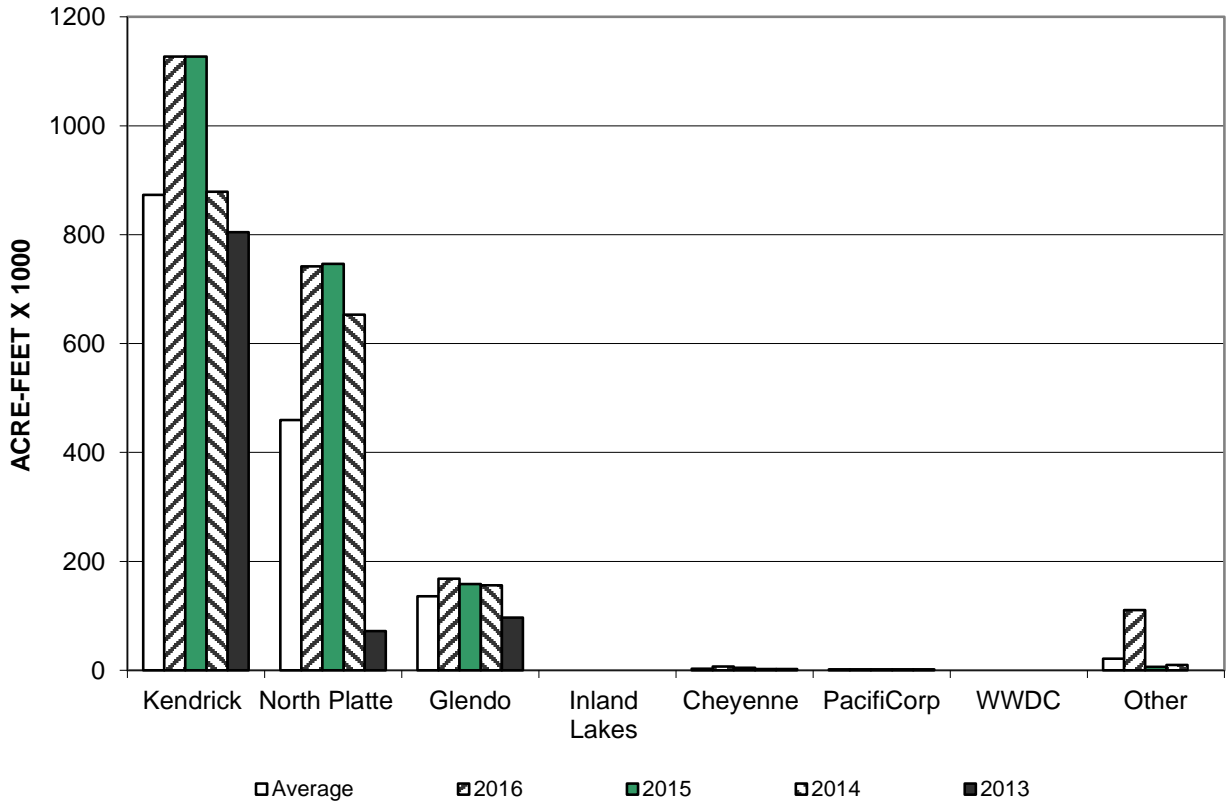
3 The City of Cheyenne has a storage contract to store water in Seminoe Reservoir by exchange of Upper North Platte Basin water through a system of trans-basin diversions

4 PacifiCorp has a storage contract to store water in Glendo Reservoir for Dave Johnston Powerplant.

5 Average is based on the 1986-2015 period.

6 Water which is captured in the re-regulation space of Glendo in addition to storage rights, operational water account, and replacement of evaporation losses is labeled as "Re-regulation of Natural Flow" per Wyoming Board of Control Order Docket Number I-2000-3-8 in water Division Number One. In accordance with 2015 Natural Flow and Ownership Procedures, the operational account may contain up to 15,000 acre-feet. On August 31, 2016, the Operational account contained 14,738 Acre-feet, and the Re-Regulation space contained 95,642 Acre-feet.

**NORTH PLATTE RIVER BASIN
OWNERSHIP OF WATER
End of August**



INLAND LAKES RESERVOIR STORAGE

Reservoir	Total Storage End of August	30 Year Average ⁵	Percent of Average	Total Storage Capacity
Lake Alice	3,435	2,600	132	11,034 ¹
Little Lake Alice	215	300 ⁶	72	1,166 ²
Lake Winters Creek	1,283	700 ⁶	183	1,746 ³
Lake Minatare	30,228	18,300	165	58,795 ⁴

1 At Elevation 4182.0
 2 At Elevation 4139.0
 3 At Elevation 4125.0
 4 At Elevation 4125.0
 5 30 year average. (1986-2015)
 6 25 year average. (1991-2015)

NORTH PLATTE RIVER BASIN GROSS GENERATION

(Energy in giga-watt hours)

Powerplant	August Gross Generation			August Historical Generation			Accumulated Gross Gen. (October - August)		
	W. Yr. 2016	30 Yr. Avg. ²	% of Avg.	W. Yr. 2015	W. Yr. 2014	W. Yr. 2013	W. Yr. 2016	30 Yr. Avg. ²	% of Avg.
Seminoe	8.2	12.5	66	8.6	15.5	7.4	141.5	118.0	120
Kortes	9.2	14.0	66	9.5	17.5	8.2	138.9	124.0	112
Fremont Canyon ¹	35.0	31.3	112	32.3	5.1	31.2	218.1	194.2	112
Alcova	14.2	16.6	86	13.3	12.0	13.8	104.9	99.1	106
Glendo	22.9	17.9	128	21.6	20.4	17.8	90.4	73.4	123
Guernsey	2.1	4.1	51	3.6	4.1	3.6	14.9	15.1	99

1 The powerplant for Pathfinder Dam is Fremont Canyon.

2 Average is based on the 1986-2015 period.

**NORTH PLATTE RIVER BASIN
GROSS GENERATION
August**

