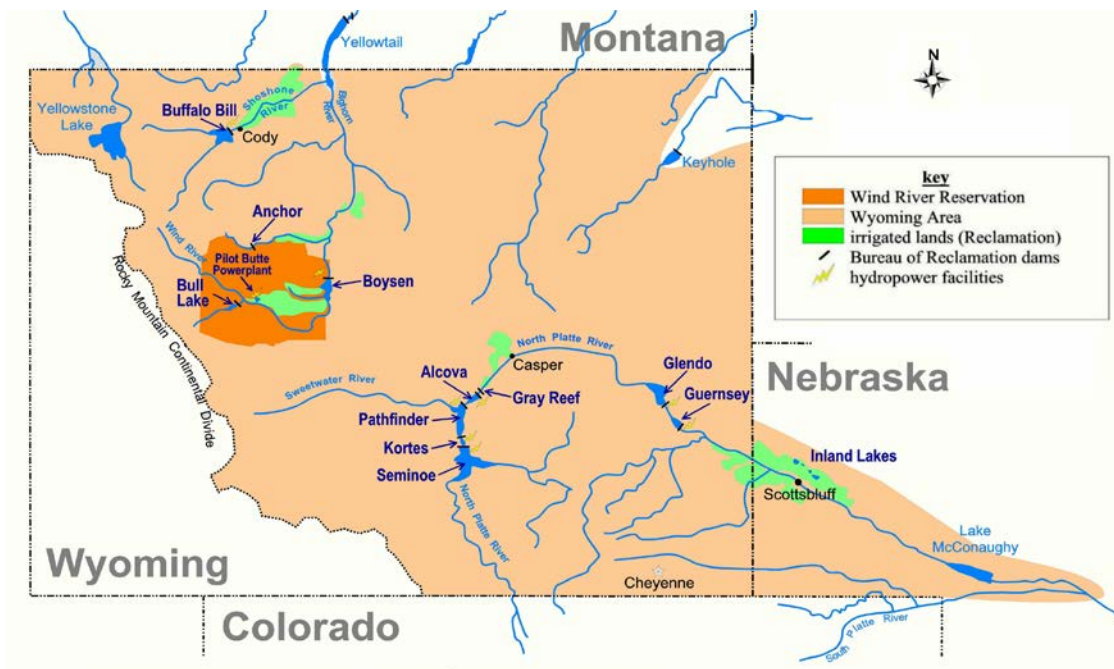


RECLAMATION

Managing Water in the West

North Platte River Basin
Water Supply and Utilization Report
Wyoming Area Office
Report for November 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 November 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 November 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	November Inflow			November Historical Inflow			Accumulated Inflow (October-November)		
	W. Yr. 2017	30 Yr. Avg. ⁵	% of Avg.	W. Yr. 2016	W. Yr. 2015	W. Yr. 2014	W. Yr. 2017	30 Yr. Avg. ⁵	% of Avg.
Seminole	22.6	29.6	76	22.9	34.4	35.2	44.9	57.7	78
Pathfinder ^{1,2}	1.6	3.9	41	2.7	-4.1	2.6	5.7	8.8	65
Glendo ³	9.8	10.4	94	5.5	7.3	14.0	19.2	21.5	89
Guernsey ⁴	1.8	1.8	100	1.8	1.4	1.9	4.5	3.9	115

1 It is assumed that there is no gain between Seminole and Kortes Dams.

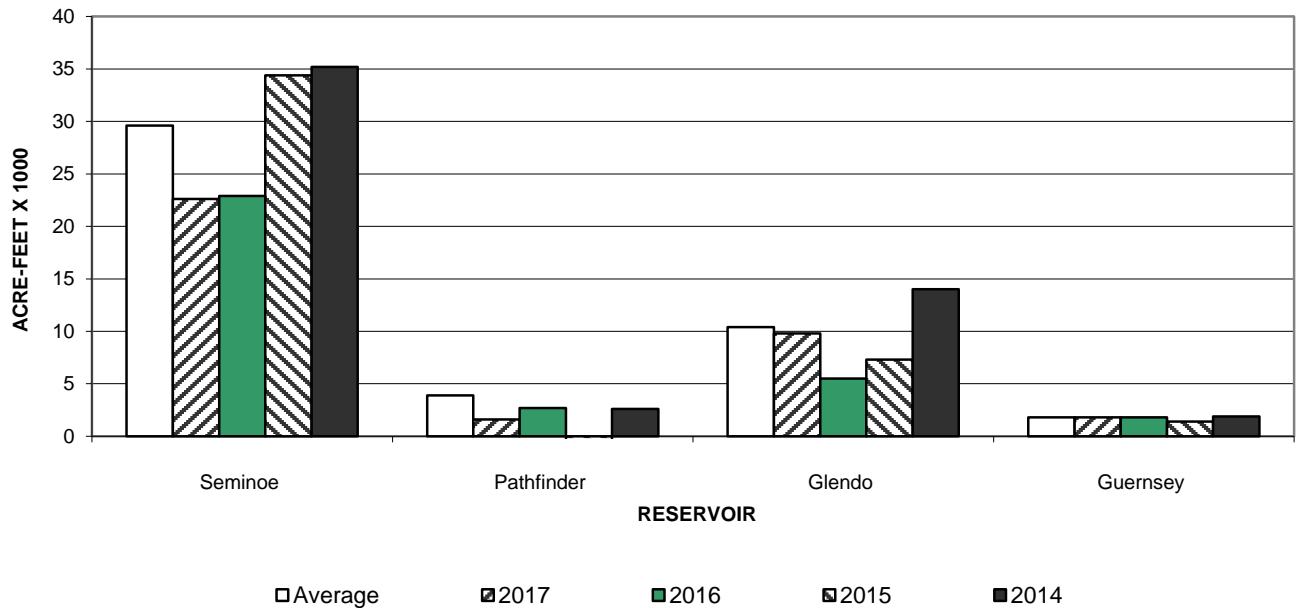
2 River gain between Kortes and Pathfinder Dams.

3 River gain between Pathfinder and Glendo Dams.

4 River gain between Glendo and Guernsey Dams.

5 30 year average. (1987-2016)

NORTH PLATTE RIVER BASIN RESERVOIR INFLOW November



NORTH PLATTE RIVER BASIN OUTFLOW

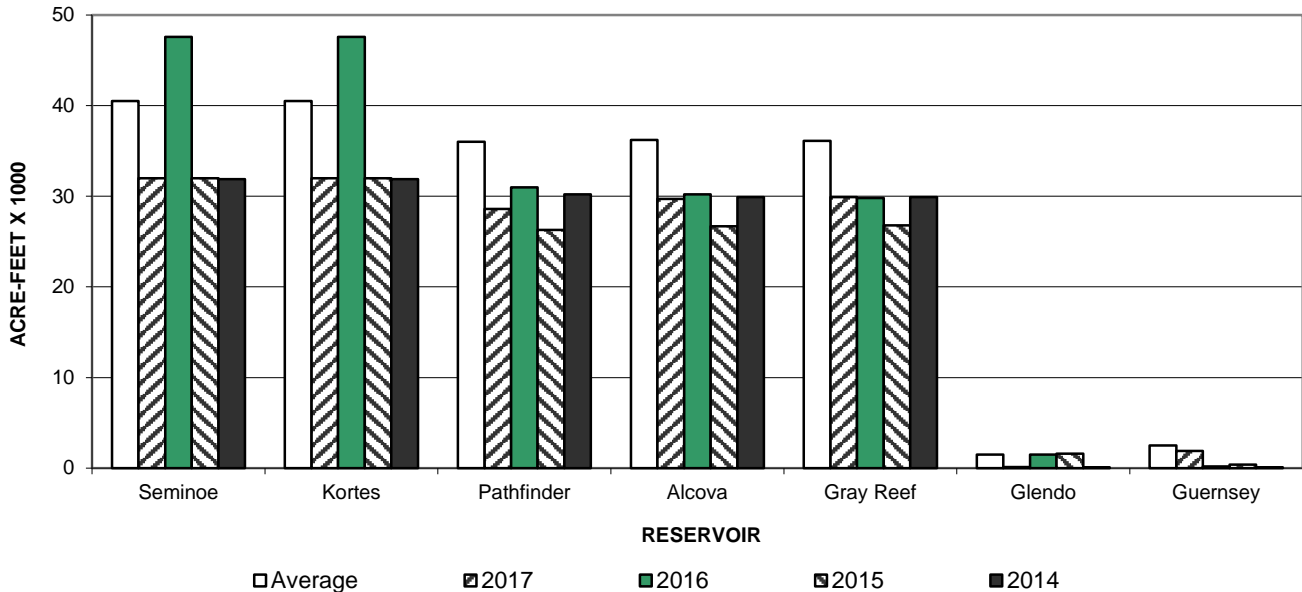
(1000 acre-feet)

Reservoir	November Outflow			November Historical Outflow			Accumulated Outflow (October-November)		
	W. Yr. 2017	30 Yr. Avg. ²	% of Avg.	W. Yr. 2016	W. Yr. 2015	W. Yr. 2014	W. Yr. 2017	30 Yr. Avg. ²	% of Avg.
Seminole	32.0	40.5	79	47.6	32.0	31.9	65.2	79.1	82
Kortes	32.0	40.5	79	47.6	32.0	31.9	65.2	79.0	83
Pathfinder	28.6	36.0	79	31.0	26.3	30.2	37.7	52.7	72
Alcova	29.7	36.2	82	30.2	26.7	29.9	60.4	75.7	80
Gray Reef	29.9	36.1	83	29.8	26.8	29.9	60.7	75.6	80
Glendo ¹	0.1	1.5	9	1.5	1.6	0.1	0.2	3.5	6
Guernsey	1.9	2.5	76	0.2	0.4	0.1	4.7	7.8	60

1 In 1993 an outlet was constructed at Glendo Dam which is used to provide a flow of approximately 25 cubic feet per second, 23 year average (1994-2016).

2 30 year average (1987-2016).

**NORTH PLATTE RIVER BASIN
RESERVOIR OUTFLOW
November**



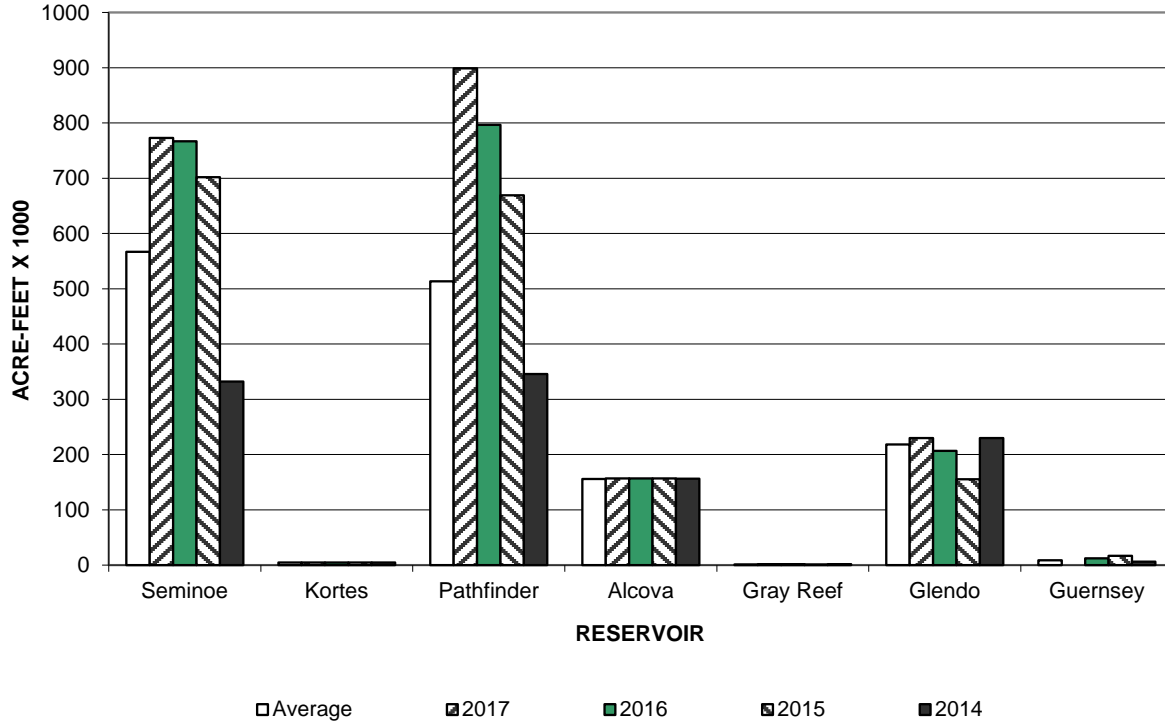
NORTH PLATTE RIVER BASIN RESERVOIR STORAGE

(1000 acre-feet)

Reservoir	Total Storage End of November			End of November Historical Storage			Total Conservation Storage Capacity	Percent of Capacity
	W. Yr. 2017	30 Yr. Avg. ¹	% of Avg.	W. Yr. 2016	W. Yr. 2015	W. Yr. 2014		
Seminole	773.0	566.8	136	767.0	702.0	332.3	1017.3	76
Kortes	4.7	4.7	100	4.7	4.7	4.7	4.7	100
Pathfinder	899.1	513.7	175	796.6	669.0	346.0	1070.0	84
Alcova	156.9	155.8	101	156.9	157.0	156.5	184.4	85
Gray Reef	1.5	1.4	105	1.7	1.4	1.6	1.8	81
Glendo	229.7	218.3	105	206.8	155.2	230.0	492.0	47
Guernsey	0.0	8.5	0	12.3	17.0	6.2	45.6	0
Total	2064.9	1469.2	141	1946.0	1706.3	1077.3	2815.8	73

¹ Average is based on the 1987-2016 period.

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



NORTH PLATTE RIVER BASIN RESERVOIR STORAGE OWNERSHIP

(1000 acre-feet)

Ownership	Ownership of water End of November			End of November Historical Ownership			Total Storage Capacity	Percent of Capacity
	W. Yr. 2017	30 Yr. Avg. ⁵	% of Avg.	W. Yr. 2016	W. Yr. 2015	W. Yr. 2014		
Kendrick	1113.4	853.8	130	1099.1	565.8	780.9	1201.7	93
North Platte ¹	737.2	453.6	163	655.2	638.9	160.5	1115.6	66
Glendo	161.8	125.7	129	150.7	508.6	89.4	171.7	94
Inland Lakes ²	18.9	22.5	84	14.7	15.8	38.8	46.0	41
Cheyenne ³	9.1	5.1	178	7.3	4.1	2.9	10.0	91
PacifiCorp ⁴	2.0	1.8	111	2.0	220.1	2.0	2.0	100
WWDC	0.0	N/A	N/A	0.0	8.2	0.0	N/A	N/A
Other ⁶	22.5	6.3	357	17.0	12.3	2.8	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.

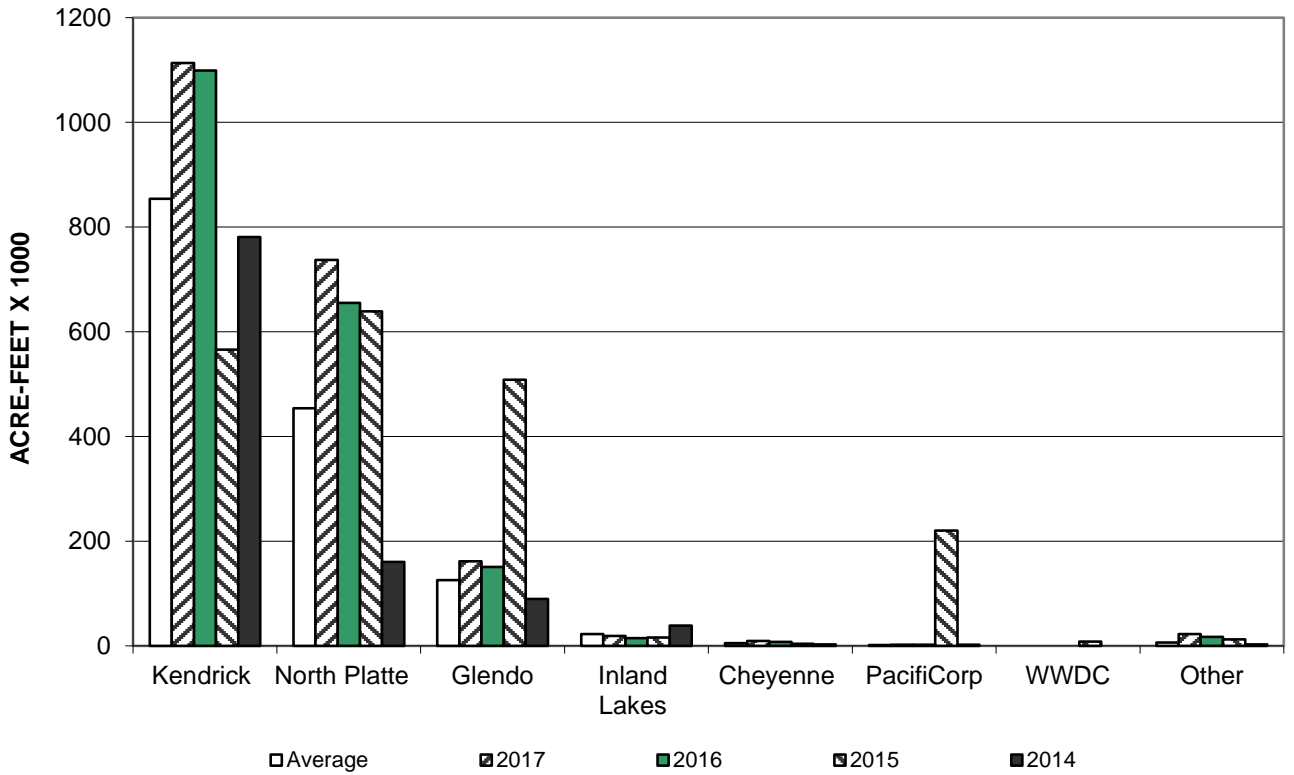
3 The City of Cheyenne has a storage contract to store water in Seminole Reservoir by exchange of Upper North Platte Basin water through a system of trans-basin diversions

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

5 Average is based on the 1987-2016 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 2014 Natural Flow and Ownership Procedures, the operational account may contain up to 15,000 acre-feet. On November 30, 2016, the Operational account contained 5,093 Acre-feet, and the Re-Regulation space contained 11,883 Acre-feet.

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



INLAND LAKES RESERVOIR STORAGE

(acre-feet)

Reservoir	Total Storage End of November	30 Year Average ⁵	Percent of Average	Total Storage Capacity
Lake Alice	1,130	700	161	11,034 ¹
Little Lake Alice	6	100 ⁶	6	1,166 ²
Lake Winters Creek	1,123	800 ⁶	140	1,746 ³
Lake Minatare	35,937	26,500	136	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. (1987-2016)
 6 26 year average. (1991-2016)

NORTH PLATTE RIVER BASIN GROSS GENERATION

(Energy in giga-watt hours)

Powerplant	November Gross Generation			November Historical Generation			Accumulated Gross Gen. (October - November)		
	W. Yr. 2017	30 Yr. Avg. ²	% of Avg.	W. Yr. 2016	W. Yr. 2015	W. Yr. 2014	W. Yr. 2017	30 Yr. Avg. ²	% of Avg.
Seminoe	4.5	5.9	76	7.8	4.4	3.8	9.0	11.4	79
Kortes	5.3	6.5	82	8.8	5.1	5.2	10.4	12.7	82
Fremont Canyon ¹	7.2	8.4	86	8.0	0.0	7.0	8.0	11.8	68
Alcova	2.9	4.1	71	2.8	2.6	3.1	5.9	8.6	69
Glendo	0.0	0.1	0	0.0	0.0	0.0	0.0	0.3	0
Guernsey	0.0	0.1	0	0.0	0.0	0.0	0.0	0.3	0

1 The powerplant for Pathfinder Dam is Fremont Canyon.

2 Average is based on the 1987-2016 period.

**NORTH PLATTE RIVER BASIN
GROSS GENERATION
November**

