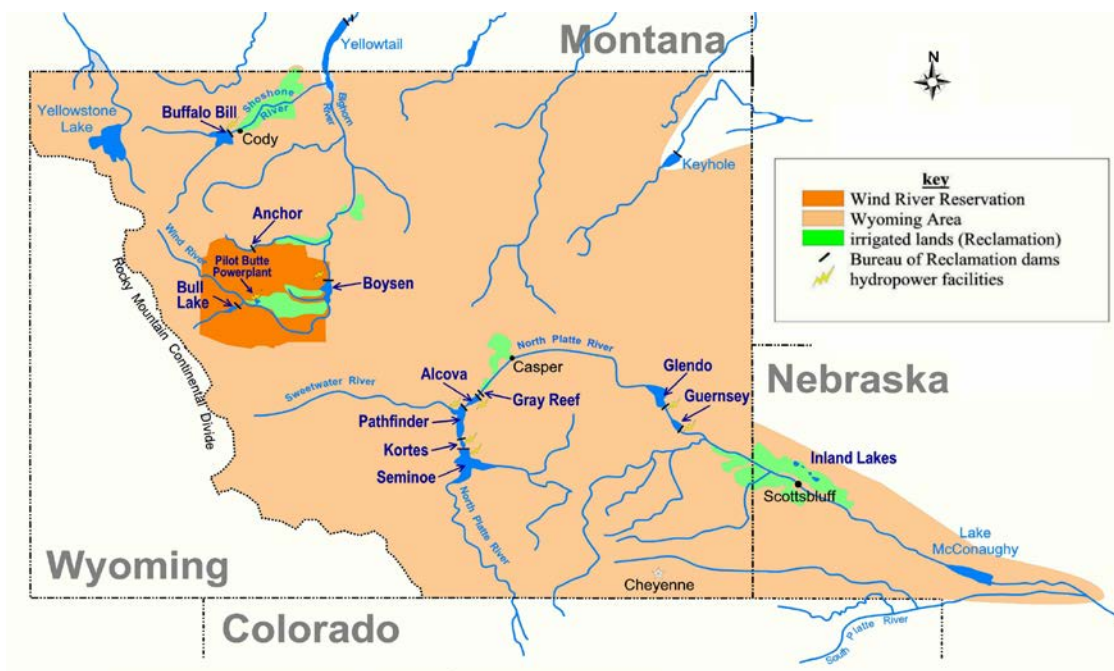


RECLAMATION

Managing Water in the West

North Platte River Basin
Water Supply and Utilization Report
Wyoming Area Office
Report for July 2015



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 July 2015
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

The July inflow was above average for Glendo, and Guernsey Reservoirs.

(1000 acre-feet)

Reservoir	July Inflow			July Historical Inflow			Accumulated Inflow (October - July)		
	W. Yr. 2015	30 Yr. Avg. ⁵	% of Avg.	W. Yr. 2014	W. Yr. 2013	W. Yr. 2012	W. Yr. 2015	30 Yr. Avg. ⁵	% of Avg.
Seminole	93.0	94.3	99	109.8	23.5	25.5	911.2	890.3	102
Pathfinder ^{1,2}	-1.9	7.4	N/A	-0.6	2.6	-1.8	83.9	107.2	78
Glendo ³	3.5	-0.6	N/A	5.2	1.4	-0.5	252.1	194.2	130
Guernsey ⁴	4.8	-0.5	N/A	0.0	-0.6	-3.9	69.3	28.7	241

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

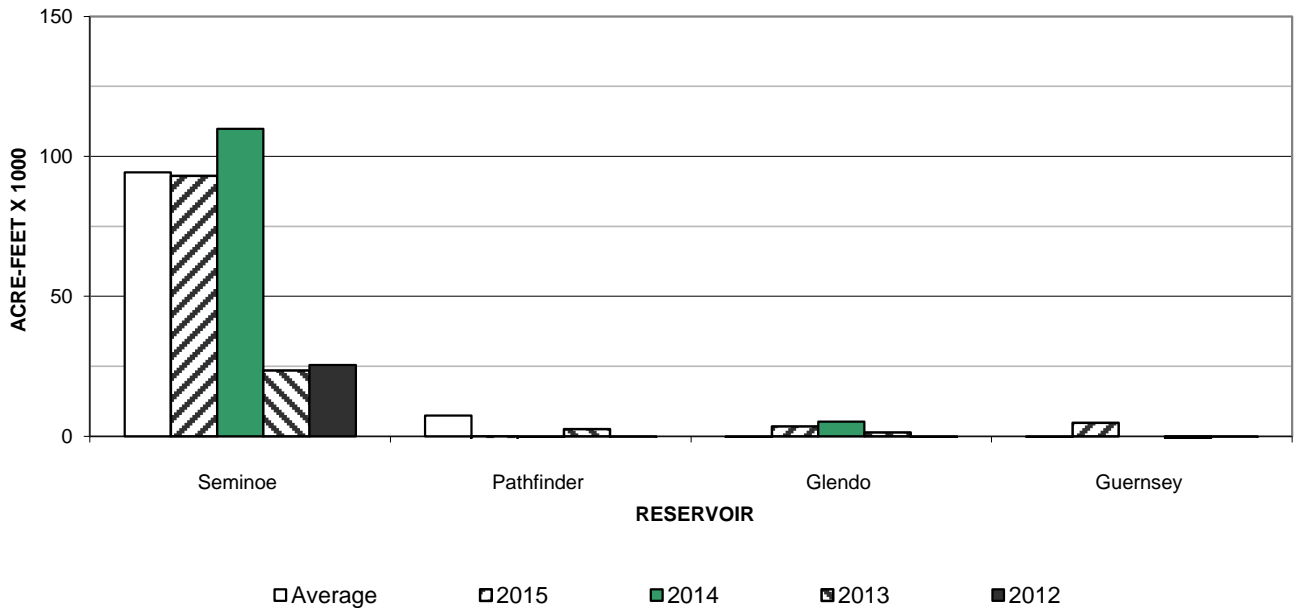
2 River gain between Kortes and Pathfinder Dams.

3 River gain between Pathfinder and Glendo Dams.

4 River gain between Glendo and Guernsey Dams.

5 30 year average. (1985-2014)

NORTH PLATTE RIVER BASIN RESERVOIR INFLOW July



NORTH PLATTE RIVER BASIN OUTFLOW

The July outflow was below average for the North Platte Reservoirs.

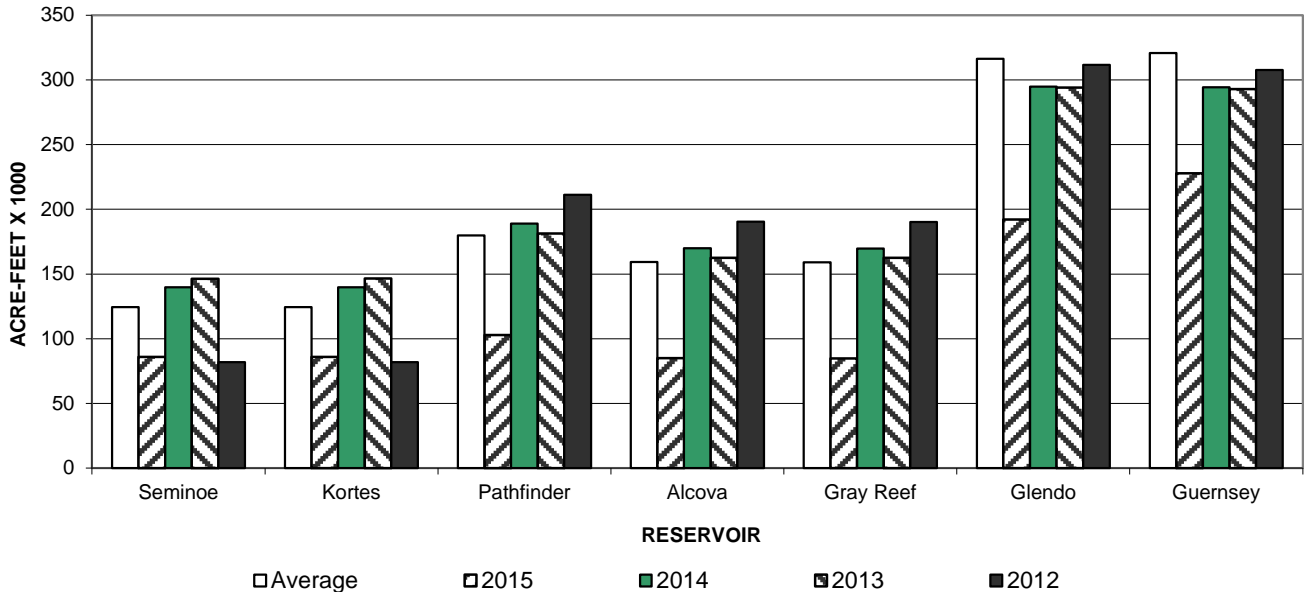
(1000 acre-feet)

Reservoir	July Outflow			July Historical Outflow			Accumulated Outflow (October - July)		
	W. Yr. 2015	30 Yr. Avg. ²	% of Avg.	W. Yr. 2014	W. Yr. 2013	W. Yr. 2012	W. Yr. 2015	30 Yr. Avg. ²	% of Avg.
Seminole	85.9	124.4	69	139.7	146.3	81.9	672.2	773.3	87
Kortes	85.9	124.4	69	139.8	146.4	81.9	672.0	773.1	87
Pathfinder	102.8	179.9	57	188.9	181.3	211.3	512.1	761.1	67
Alcova	85.0	159.3	53	170.0	162.5	190.5	478.3	710.1	67
Gray Reef	84.8	159.1	53	169.7	162.4	190.3	478.1	709.5	67
Glendo ¹	192.0	316.3	61	294.7	294.0	311.5	397.9	712.8	56
Guernsey	227.8	320.7	71	294.2	292.9	307.7	472.3	693.7	68

1 In 1993 an outlet was constructed at Glendo Dam which is used to provide a flow of approximately 25 cubic feet per second, 21 year average (1994-2014).

2 30 year average (1985-2014).

**NORTH PLATTE RIVER BASIN
RESERVOIR OUTFLOW
July**



NORTH PLATTE RIVER BASIN RESERVOIR STORAGE

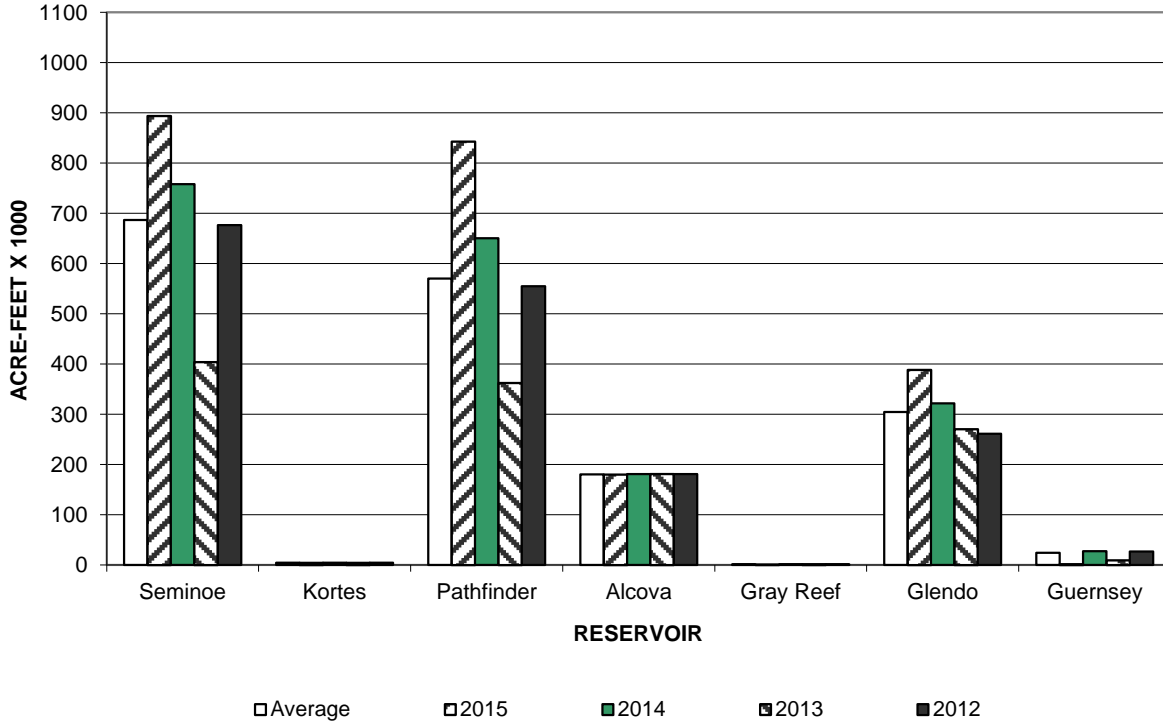
The July storage was below average for Gray Reef and Guernsey Reservoirs. Guernsey Reservoir was well below average due to the annual silt run being delayed later than usual.

(1000 acre-feet)

Reservoir	Total Storage End of July			End of July Historical Storage			Total Conservation Storage Capacity	Percent of Capacity
	W. Yr. 2015	30 Yr. Avg. ¹	% of Avg.	W. Yr. 2014	W. Yr. 2013	W. Yr. 2012		
Seminole	894.0	686.5	130	758.1	404.2	676.8	1017.3	88
Kortes	4.7	4.7	100	4.8	4.7	4.7	4.7	100
Pathfinder	842.8	570.1	148	650.3	362.4	555.1	1070.0	79
Alcova	179.9	180.5	100	181.0	181.1	181.1	184.4	98
Gray Reef	1.2	1.5	80	1.7	1.7	1.7	1.8	67
Glendo	388.5	304.9	127	321.5	270.2	261.3	492.0	79
Guernsey	1.6	24.6	7	27.5	9.3	26.7	45.6	4
Total	2312.7	1772.8	130	1944.9	1233.6	1707.4	2815.8	82

¹ Average is based on the 1985-2014 period.

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



NORTH PLATTE RIVER BASIN RESERVOIR STORAGE OWNERSHIP

The Kendrick, North Platte, Glendo, Cheyenne and PacifiCorp Ownerships were above average for July.

(1000 acre-feet)

Ownership	Ownership of water End of July			End of July Historical Ownership			Total Storage Capacity	Percent of Capacity
	W. Yr. 2015	30 Yr. Avg. ⁵	% of Avg.	W. Yr. 2014	W. Yr. 2013	W. Yr. 2012		
Kendrick	1152.7	903.5	128	899.0	876.3	1003.6	1201.7	96
North Platte ¹	976.5	688.9	142	869.6	247.0	533.0	1115.6	88
Glendo	168.5	144.4	117	159.3	104.3	157.8	171.7	98
Inland Lakes ²	0.0	0.0	N/A	0.0	0.0	0.0	46.0	0
Cheyenne ³	3.6	2.0	180	2.3	1.7	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	N/A	N/A	0.0	0.0	0.0	N/A	N/A
Other ⁶	9.4	27.0	35	12.8	2.2	8.7	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.

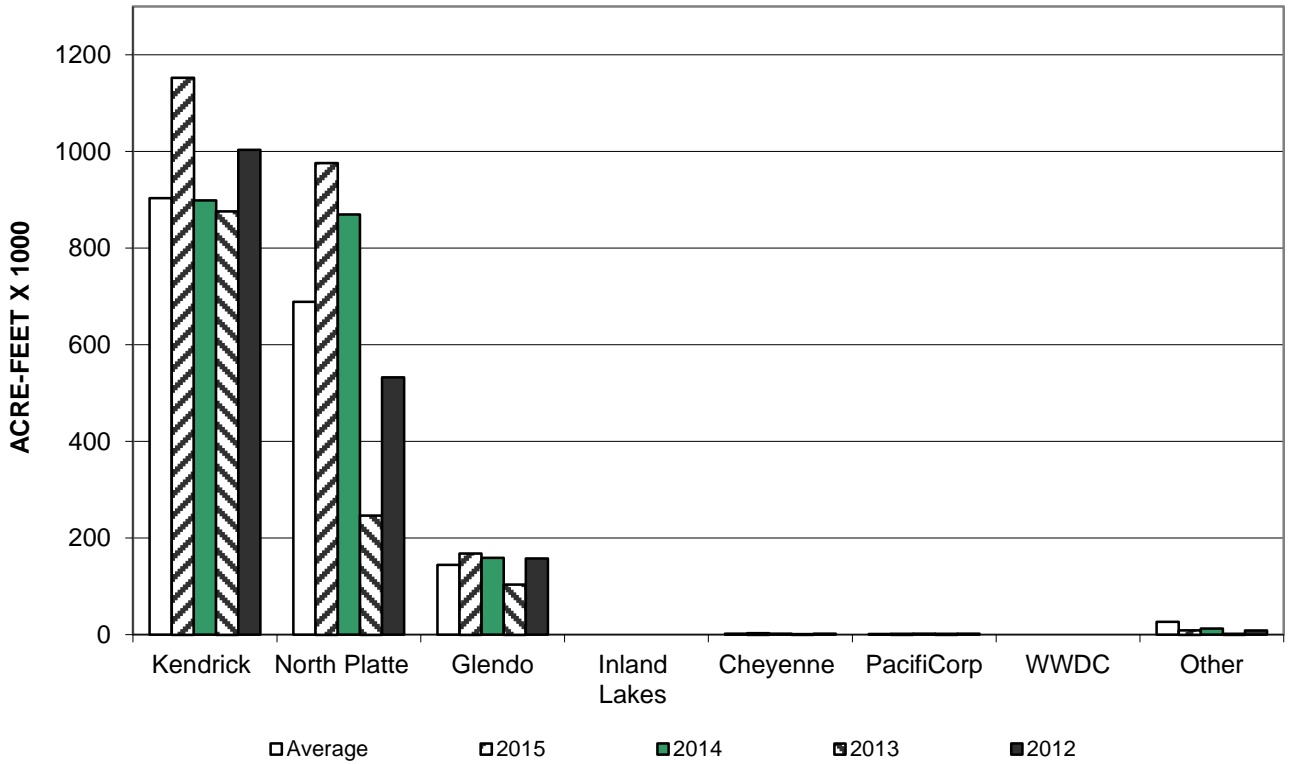
3 The City of Cheyenne has a storage contract to store water in Seminoe Reservoir by exchange of Upper North Platte Basin water through a system of trans-basin diversions

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

5 Average is based on the 1985-2014 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 July contain up to 15,000 acre-feet. On July 31, 2015, the Operational account contained 9,420 Acre-feet, and the Re-Regulation space contained 0 Acre-feet.

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



INLAND LAKES RESERVOIR STORAGE

Reservoir	Total Storage End of July	30 Year Average ⁵	Percent of Average	Total Storage Capacity (acre-feet)
Lake Alice	5,800	4,600	126	11,034 ¹
Little Lake Alice	300	300 ⁶	100	1,166 ²
Lake Winters Creek	1,300	800 ⁶	163	1,746 ³
Lake Minatare	46,200	30,300	152	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. (1985-2014)
 6 24 year average. (1991-2014)

NORTH PLATTE RIVER BASIN GROSS GENERATION

The July Power generation was above average for Guernsey powerplant.

(Energy in giga-watt hours)

Powerplant	July Gross Generation			July Historical Generation			Accumulated Gross Gen. (October - July)		
	W. Yr. 2015	30 Yr. Avg. ²	% of Avg.	W. Yr. 2014	W. Yr. 2013	W. Yr. 2012	W. Yr. 2015	30 Yr. Avg. ²	% of Avg.
Seminoe	12.6	16.9	75	21.5	19.6	9.5	97.0	107.6	90
Kortes	13.8	17.8	78	16.8	24.7	12.4	89.0	112.1	79
Fremont Canyon ¹	30.3	35.0	87	41.5	18.4	22.4	128.1	167.7	76
Alcova	12.1	19.5	62	24.4	23.2	26.7	57.8	92.3	63
Glendo	20.7	21.9	95	23.4	23.6	21.0	40.1	57.0	70
Guernsey	2.3	2.1	110	1.5	1.8	2.0	11.2	11.4	98

1 The powerplant for Pathfinder Dam is Fremont Canyon.

2 Average is based on the 1985-2014 period.

**NORTH PLATTE RIVER BASIN
GROSS GENERATION
July**

