

August 1, 2008
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 inflows were above average for Seminoe Reservoir.

(1000 acre-feet)

Reservoir	July Inflow			July Historical Inflow			Accumulated Inflow (October - July)		
	W. Yr. 2008	30 Yr. Avg. ⁵	% of Avg.	W. Yr. 2007	W. Yr. 2006	W. Yr. 2005	W. Yr. 2008	30 Yr. Avg. ⁵	% of Avg.
Seminoe	128.9	102.2	126	40.4	50.9	91.5	1123.9	897.9	125
Pathfinder ^{1,2}	0.7	10.3	7	-1.4	-2.4	-1.0	74.0	125.5	59
Glendo ³	-1.6	-0.7	N/A	1.2	-3.2	-3.4	225.2	194.8	116
Guernsey ⁴	-2.1	0.1	N/A	-1.2	0.3	-6.2	56.8	28.8	197

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

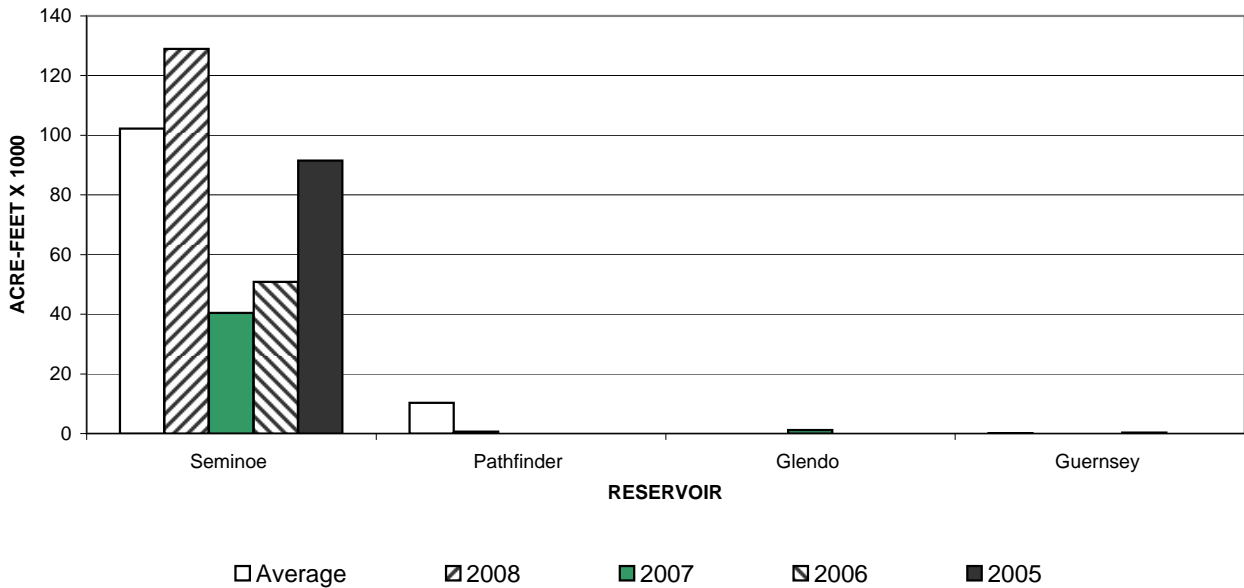
2 River gain between Kortes and Pathfinder Dams.

3 River gain between Pathfinder and Glendo Dams.

4 River gain between Glendo and Guernsey Dams.

5 30 year average. (1978-2007)

**NORTH PLATTE RIVER BASIN
RESERVOIR INFLOW
July**



NORTH PLATTE RIVER BASIN OUTFLOW

The July outflows for Seminoe and Kortes Reservoirs were above average.

(1000 acre-feet)

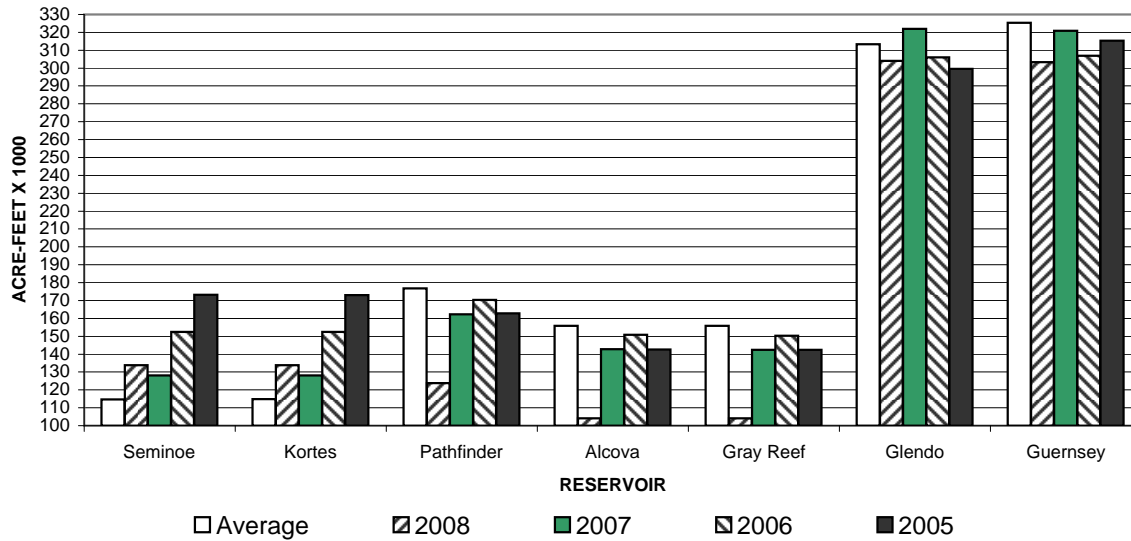
Reservoir	July Outflow			July Historical Outflow			Accumulated Outflow (October - July)		
	W. Yr. 2008	30 Yr. Avg. ²	% of Avg.	W. Yr. 2007	W. Yr. 2006	W. Yr. 2005	W. Yr. 2008	30 Yr. Avg. ²	% of Avg.
Seminoe	133.9	114.7	117	128.1	152.5	173.2	695.8	794.7	88
Kortes	133.9	114.8	117	128.1	152.5	173.1	695.7	794.6	88
Pathfinder	123.8	176.8	70	162.2	170.3	162.9	577.7	774.6	75
Alcova	104.2	155.9	67	142.7	150.8	142.6	542.2	722.6	75
Gray Reef	104.1	155.8	67	142.5	150.3	142.5	542.1	722.2	75
Glendo ¹	304.1	313.4	97	321.9	306.1	299.6	569.4	695.0	82
Guernsey	303.3	325.3	93	320.8	306.9	315.3	598.2	706.7	85

1 In 1993 an outlet was constructed at Glendo Dam which is used to provide a flow of approximately 25 cubic feet per second.

2 30 year average (1978-2007).

NORTH PLATTE RIVER BASIN RESERVOIR OUTFLOW

July



NORTH PLATTE RIVER BASIN RESERVOIR STORAGE

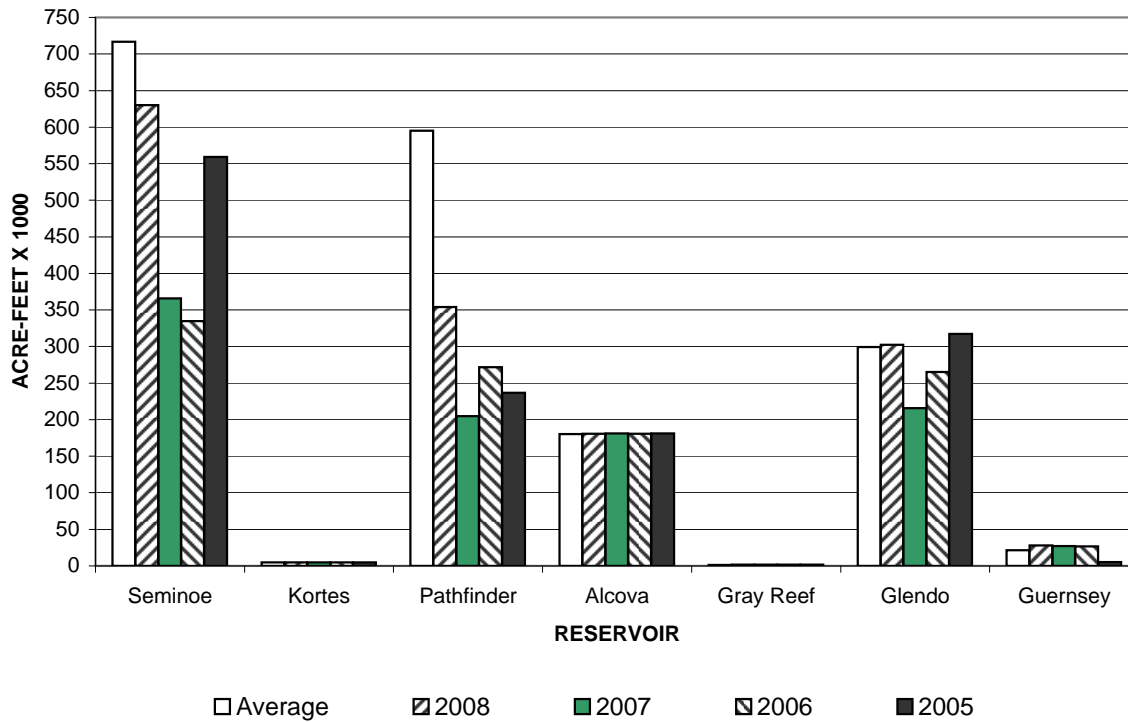
The storage for Glendo and Guernsey Reservoirs were above average for the month of July.

(1000 acre-feet)

Reservoir	Total Storage End of July			End of July Historical Storage			Total Conservation Storage Capacity	Percent of Capacity
	W. Yr. 2008	30 Yr. Avg. ¹	% of Avg.	W. Yr. 2007	W. Yr. 2006	W. Yr. 2005		
Seminole	630.3	716.9	88	365.8	334.9	559.1	1017.3	62
Kortes	4.7	4.6	102	4.7	4.7	4.7	4.7	100
Pathfinder	354.2	595.2	60	204.7	271.6	236.6	1016.5	35
Alcova	180.5	180.1	100	181.3	180.5	181.2	184.4	98
Gray Reef	1.7	1.4	121	1.6	1.6	1.6	1.8	94
Glendo	302.5	299.2	101	215.9	265.0	317.2	517.5	58
Guernsey	27.9	21.6	129	27.1	26.9	5.1	45.6	61
Total	1501.8	1819.0	83	1001.1	1085.2	1305.5	2787.8	54

¹ Average is based on the 1978-2007 period.

NORTH PLATTE RIVER BASIN RESERVOIR STORAGE End of July



NORTH PLATTE RIVER BASIN RESERVOIR STORAGE OWNERSHIP

North Platte Ownership was above average for July.

Kendrick and Glendo Ownerships at the end of July were the 5th lowest in the last 30 years.

(1000 acre-feet)

Ownership	Ownership of water End of July			End of July Historical Ownership			Total Storage Capacity	Percent of Capacity
	W. Yr. 2008	30 Yr. Avg. ⁵	% of Avg.	W. Yr. 2007	W. Yr. 2006	W. Yr. 2005		
Kendrick	535.0	924.5	58	383.0	471.3	573.4	1201.7	45
North Platte ¹	867.3	707.4	123	548.9	573.0	667.1	1062.1	82
Glendo	94.3	149.2	63	65.3	37.5	60.0	183.2	51
Inland Lakes ²	0.0	1.7	0	0.0	0.0	0.0	46.0	0
Cheyenne ³	1.8	2.2 ⁶	82	0.6	1.2	2.3	10.0	18
PacifiCorp ⁴	1.3	1.7	76	1.2	2.0	2.0	2.0	65
WWDC ⁸	0.4	N/A	N/A	0.6	0.7	0.8	N/A	N/A
Other ⁷	1.8	24.5	7	1.5	0.0	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.

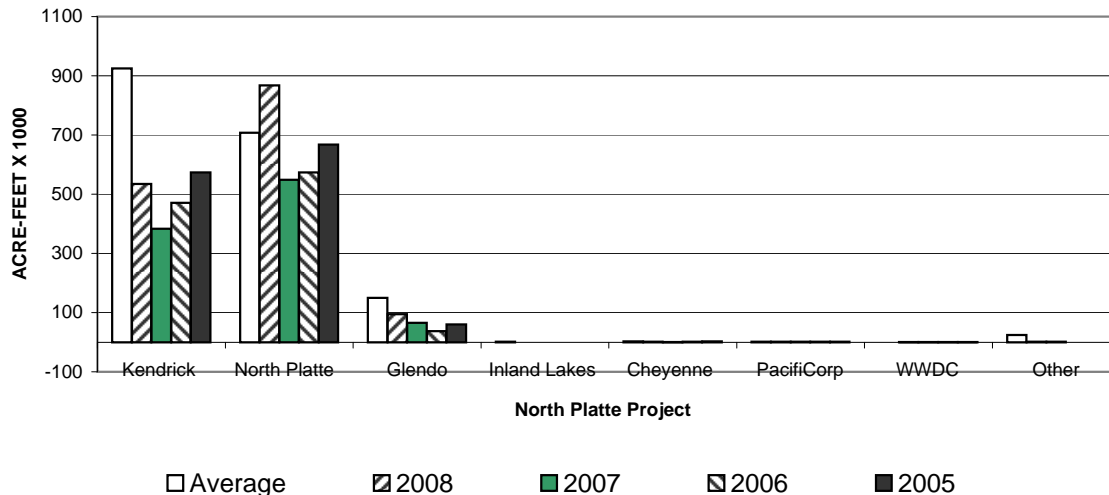
4 Pacific Power has a storage contract to store water in Glendo Reservoir for Dave Johnston Powerplant.

5 Average is based on the 1978-2007 period.

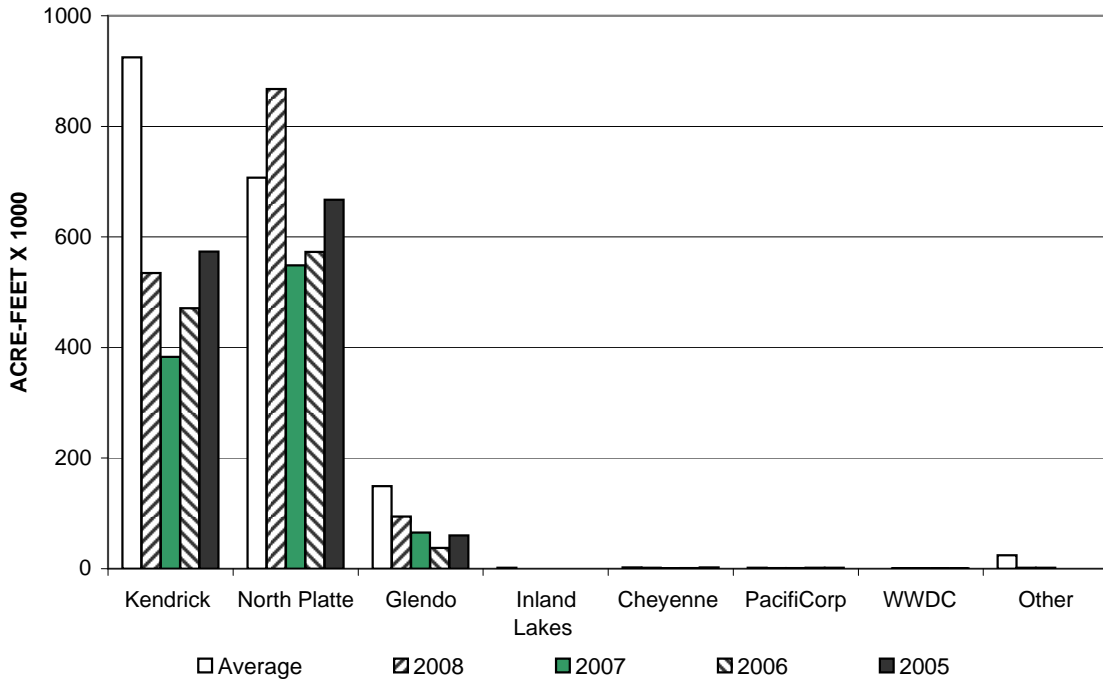
6 Average is based on the 1982-2007 period.

7 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 2007 Natural Flow and Ownership Procedures, the operational account June contain up to 15,000 acre-feet. On July 31, 2008, the Operational account contained 1,783 Acre-feet, the Re-Regulation space contained 0 Acre-feet.

Ownership of Water



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



INLAND LAKES RESERVOIR STORAGE

(acre-feet)

Reservoir	Total Storage End of July	30 Year Average ⁵	Percent of Average	Total Storage Capacity
Lake Alice	7,339	5,000	147	11,034 ¹
Little Lake Alice	339	336 ⁶	101	1,166 ²
Lake Winters Creek	758	699 ⁶	108	1,746 ³
Lake Minatare	41,480	29,900	139	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. (1978-2007)

6 17 year average. (1991-2007)

NORTH PLATTE RIVER BASIN GROSS GENERATION

Power generation was above average for Seminole, Kortess, Glendo and Guernsey in the North Platte Basin.

(Energy in giga-watt hours)

Powerplant	July Gross Generation			July Historical Generation			Accumulated Gross Gen. (October - July)		
	W. Yr. 2008	30 Yr. Avg. ²	% of Avg.	W. Yr. 2007	W. Yr. 2006	W. Yr. 2005	W. Yr. 2008	30 Yr. Avg. ²	% of Avg.
Seminole	21.1	15.4	137	18.2	21.2	26.8	93.2	113.3	82
Kortess	22.7	15.7	145	22.1	25.9	28.4	116.1	120.5	96
Fremont Canyon ¹	31.1	35.7	87	36.7	39.2	37.5	125.1	180.3	69
Alcova	14.0	18.9	74	19.9	20.8	19.6	65.8	88.7	74
Glendo	23.2	20.9	111	20.4	21.7	23.2	48.9	55.4	88
Guernsey	2.2	2.0	110	2.2	2.2	1.3	11.9	11.6	103

¹ The powerplant for Pathfinder Dam is Fremont Canyon.

² Average is based on the 1978-2007 period.

**NORTH PLATTE RIVER BASIN
GROSS GENERATION
July**

