

October 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

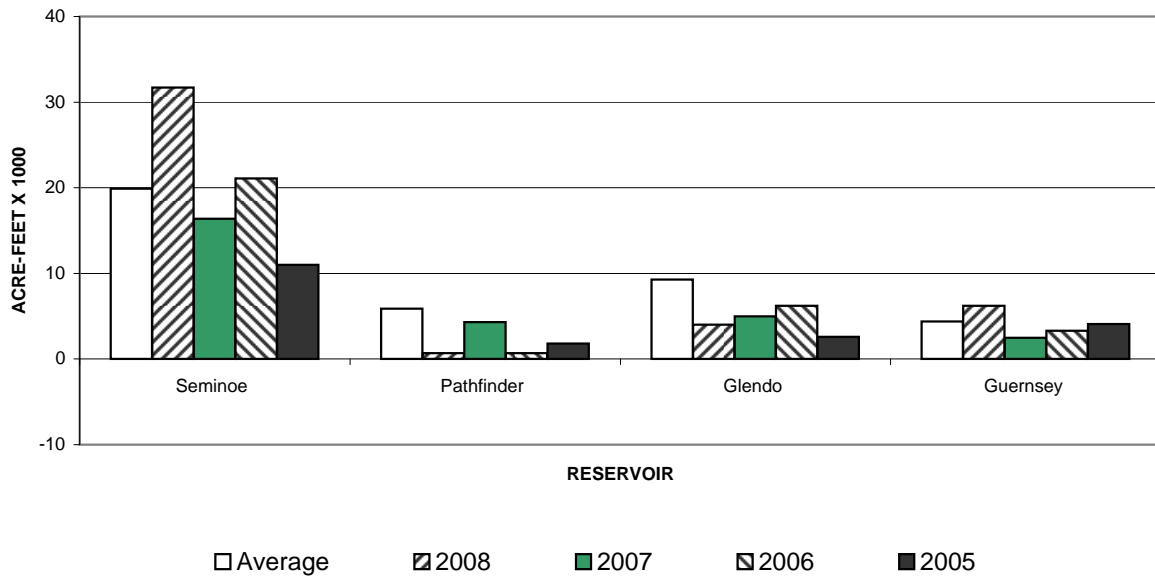
The September inflows were above average for Seminole and Guernsey Reservoirs.

(1000 acre-feet)

Reservoir	September Inflow			September Historical Inflow			Accumulated Inflow (October - September)		
	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.
Seminole	31.7	19.9	159	16.4	21.1	11.0	1197.5	953.2	126
Pathfinder ^{1,2}	0.7	5.9	12	4.3	0.7	1.8	72.1	139.7	52
Glendo ³	4.0	9.3	43	5.0	6.2	2.6	228.6	203.4	112
Guernsey ⁴	6.2	4.4	141	2.5	3.3	4.1	63.4	35.1	181

- 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. (1978-2007)

**NORTH PLATTE RIVER BASIN
RESERVOIR INFLOW
September**



NORTH PLATTE RIVER BASIN OUTFLOW

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

(1000 acre-feet)

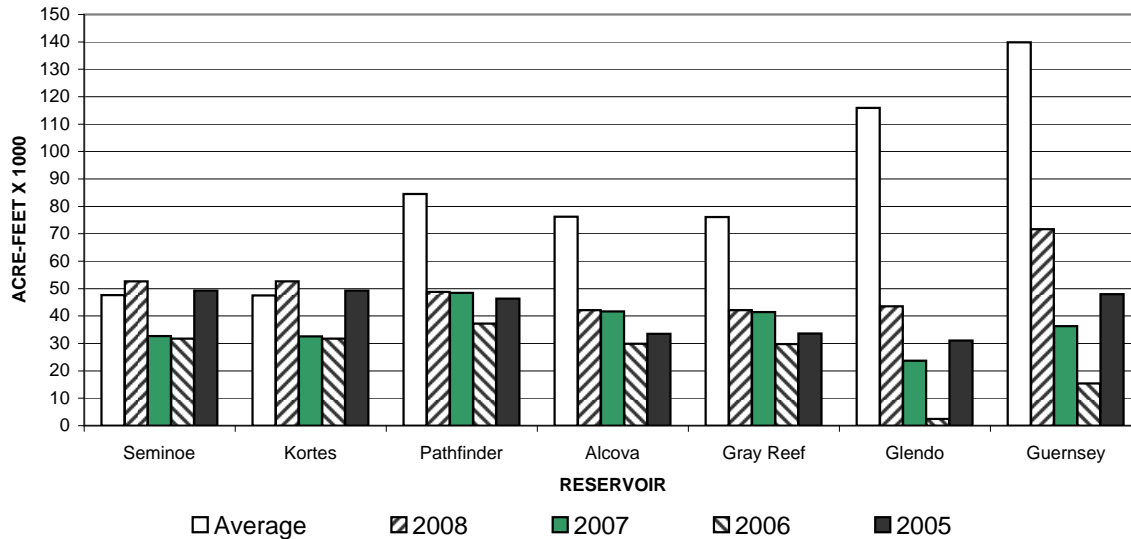
Reservoir	September Outflow			September Historical Outflow			Accumulated Outflow (October - September)		
	W. Yr. 2008	30 Yr. Avg. ²	% of Avg.	W. Yr. 2007	W. Yr. 2006	W. Yr. 2005	W. Yr. 2008	30 Yr. Avg. ²	% of Avg.
Seminoe	52.7	47.6	111	32.7	31.8	49.3	852.4	922.1	92
Kortes	52.6	47.5	111	32.6	31.8	49.3	852.2	921.8	92
Pathfinder	48.8	84.5	58	48.4	37.2	46.4	730.5	1014.5	72
Alcova	42.1	76.2	55	41.7	29.9	33.5	671.1	936.6	72
Gray Reef	42.1	76.1	55	41.4	29.8	33.6	670.9	936.1	72
Glendo ¹	43.5	115.9	38	23.7	2.5	31.1	882.6	1105.0	80
Guernsey	71.7	139.8	51	36.3	15.4	48.0	939.0	1135.0	83

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

September



NORTH PLATTE RIVER BASIN RESERVOIR STORAGE

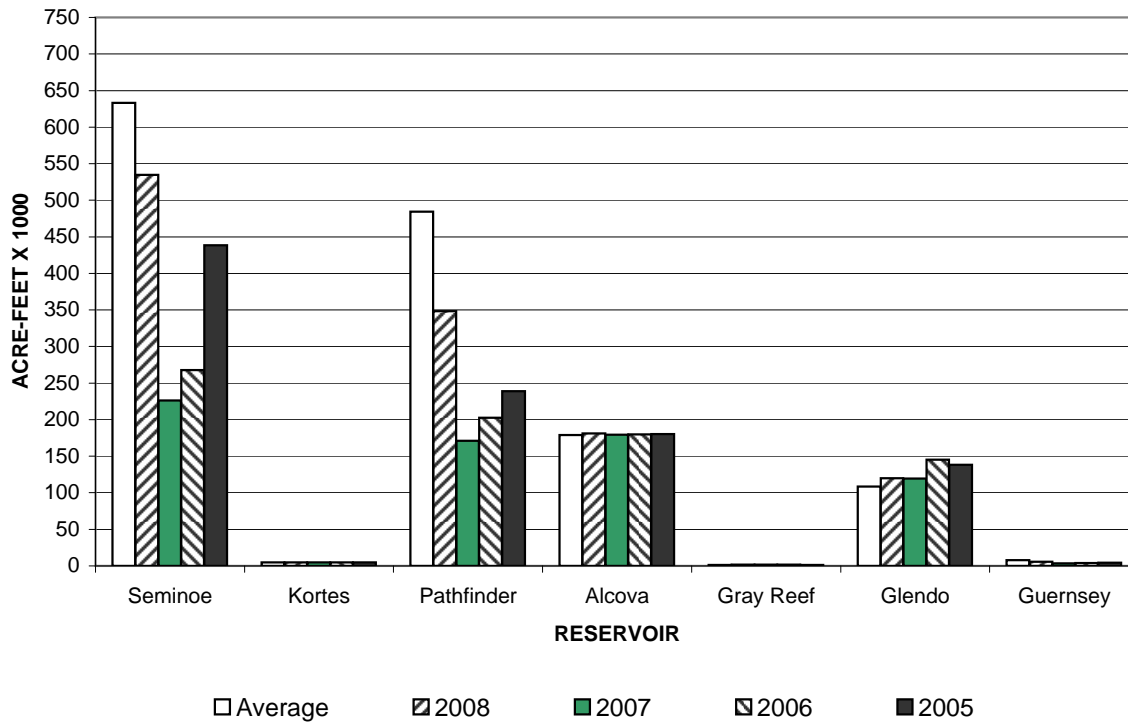
The September storage for the major reservoirs; Seminoe and Pathfinder were below average.

(1000 acre-feet)

Reservoir	Total Storage End of September			End of September 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		
Seminoe	534.5	633.1	84	226.4	267.8	438.6	1017.3	53
Kortes	4.7	4.6	102	4.7	4.7	4.7	4.7	100
Pathfinder	348.2	484.3	72	171.1	202.7	238.9	1016.5	34
Alcova	181.1	179.1	101	179.5	179.8	180.3	184.4	98
Gray Reef	1.7	1.3	131	1.7	1.6	1.5	1.8	94
Glendo	119.9	108.6	110	119.3	145.3	138.4	517.5	23
Guernsey	5.6	8.0	70	3.6	3.9	4.2	45.6	12
Total	1195.7	1419.0	84	706.3	805.8	1006.6	2787.8	43

¹ Average is based on the 1978-2007 period.

NORTH PLATTE RIVER BASIN RESERVOIR STORAGE End of September



NORTH PLATTE RIVER BASIN RESERVOIR STORAGE OWNERSHIP

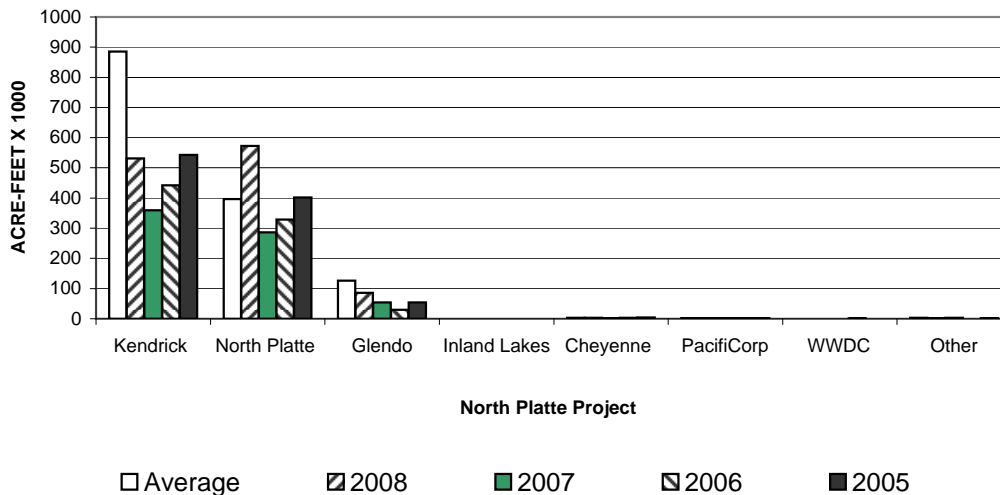
North Platte Ownership was above average for September.
 Kendrick Ownership at the end of September was the 5th lowest in the last 30 years.

(1000 acre-feet)

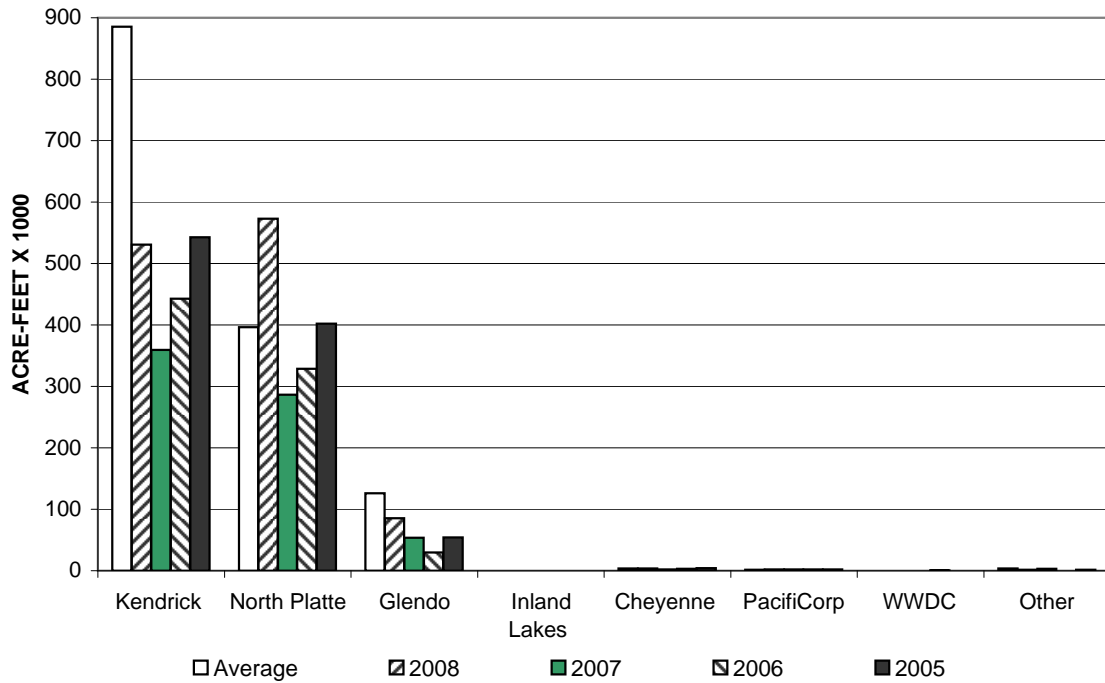
Ownership	Ownership of water End of September			End of September Historical Ownership			Total Storage Capacity	Percent of Capacity
	W. Yr. 2008	30 Yr. Avg. ⁵	% of Avg.	W. Yr. 2007	W. Yr. 2006	W. Yr. 2005		
Kendrick	530.8	885.2	60	359.3	442.7	542.5	1201.7	44
North Platte ¹	572.7	396.6	144	286.3	328.6	402.1	1062.1	54
Glendo	85.4	126.2	68	53.6	29.6	54.0	183.2	47
Inland Lakes ²	0.0	0.0	N/A	0.0	0.0	0.0	46.0	0
Cheyenne ³	3.4	3.6 ⁶	94	2.1	3.0	4.3	10.0	34
PacifiCorp ⁴	2.0	1.8	111	2.0	2.0	2.0	2.0	100
WWDC ⁸	0.0	N/A	N/A	0.0	0.7	0.0	N/A	N/A
Other ⁷	1.5	3.4	44	3.2	0.0	1.7	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 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 September 30, 2008, the Operational account contained 1,536 Acre-feet, the Re-Regulation space contained 0 Acre-feet.

Ownership of Water



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



INLAND LAKES RESERVOIR STORAGE

(acre-feet)

Reservoir	Total Storage End of September	30 Year Average ⁵	Percent of Average	Total Storage Capacity
Lake Alice	640	2,600	25	11,034 ¹
Little Lake Alice	42	304 ⁶	14	1,166 ²
Lake Winters Creek	624	671 ⁶	93	1,746 ³
Lake Minatare	37,854	22,700	167	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 Kortes in the North Platte Basin.

(Energy in giga-watt hours)

Powerplant	September Gross Generation			September Historical Generation			Accumulated Gross Gen. (October - September)		
	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	7.1	7.3	97	3.7	3.5	6.8	115.6	132.6	87
Kortes	8.0	7.9	101	5.4	4.9	8.0	140.8	141.5	100
Fremont Canyon ¹	10.9	20.7	53	9.8	7.3	9.8	162.1	234.3	69
Alcova	5.1	9.7	53	4.6	3.0	3.8	82.5	116.4	71
Glendo	2.3	6.7	34	1.0	0.0	1.9	68.0	79.0	86
Guernsey	1.3	3.0	43	0.4	0.2	0.5	17.4	18.7	93

¹ The powerplant for Pathfinder Dam is Fremont Canyon.

² Average is based on the 1978-2007 period.

NORTH PLATTE RIVER BASIN GROSS GENERATION September

