

July 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

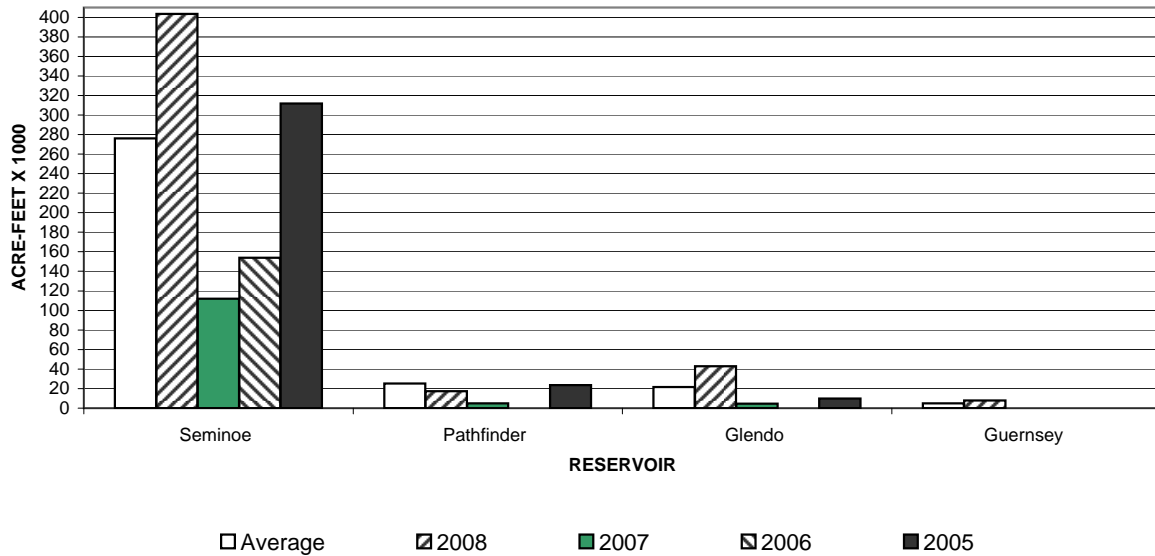
The June inflows were above average for Seminoe, Glendo and Guernsey Reservoirs.

(1000 acre-feet)

Reservoir	June Inflow			June Historical Inflow			Accumulated Inflow (October - June)		
	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	403.6	275.9	146	111.9	153.8	311.8	995.0	795.7	125
Pathfinder ^{1,2}	17.3	25.3	68	4.8	-3.6	23.7	73.3	115.2	64
Glendo ³	43.0	21.5	200	4.6	-3.8	9.9	226.8	195.5	116
Guernsey ⁴	8.0	4.9	163	-2.4	-1.3	-0.7	58.9	28.7	205

- 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
June**



NORTH PLATTE RIVER BASIN OUTFLOW

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

(1000 acre-feet)

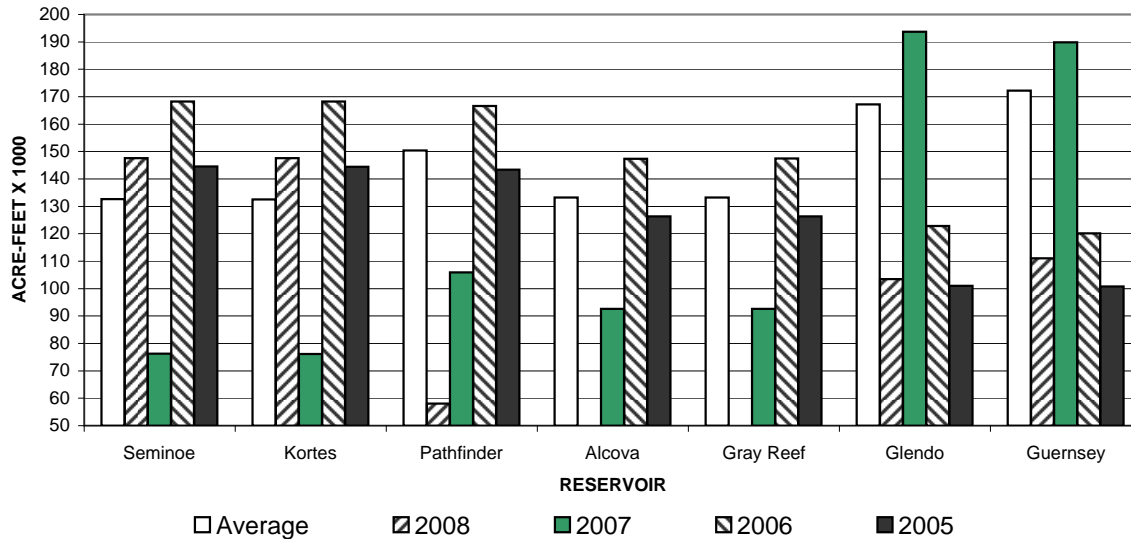
Reservoir	June Outflow			June Historical Outflow			Accumulated Outflow (October - June)		
	W. Yr. 2008	30 Yr. Avg. ²	% of Avg.	W. Yr. 2007	W. Yr. 2006	W. Yr. 2005	W. Yr. 2008	30 Yr. Avg. ²	% of Avg.
Seminoe	147.6	132.6	111	76.3	168.3	144.5	561.9	680.0	83
Kortes	147.6	132.5	111	76.2	168.3	144.4	561.8	679.8	83
Pathfinder	58.0	150.4	39	105.9	166.6	143.4	453.9	597.8	76
Alcova	47.0	133.2	35	92.6	147.4	126.4	438.0	566.7	77
Gray Reef	46.8	133.2	35	92.6	147.5	126.4	438.0	566.4	77
Glendo ¹	103.5	167.2	62	193.7	122.8	101.0	265.3	381.6	70
Guernsey	111.1	172.2	65	189.8	120.1	100.8	294.9	381.4	77

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

June



NORTH PLATTE RIVER BASIN RESERVOIR STORAGE

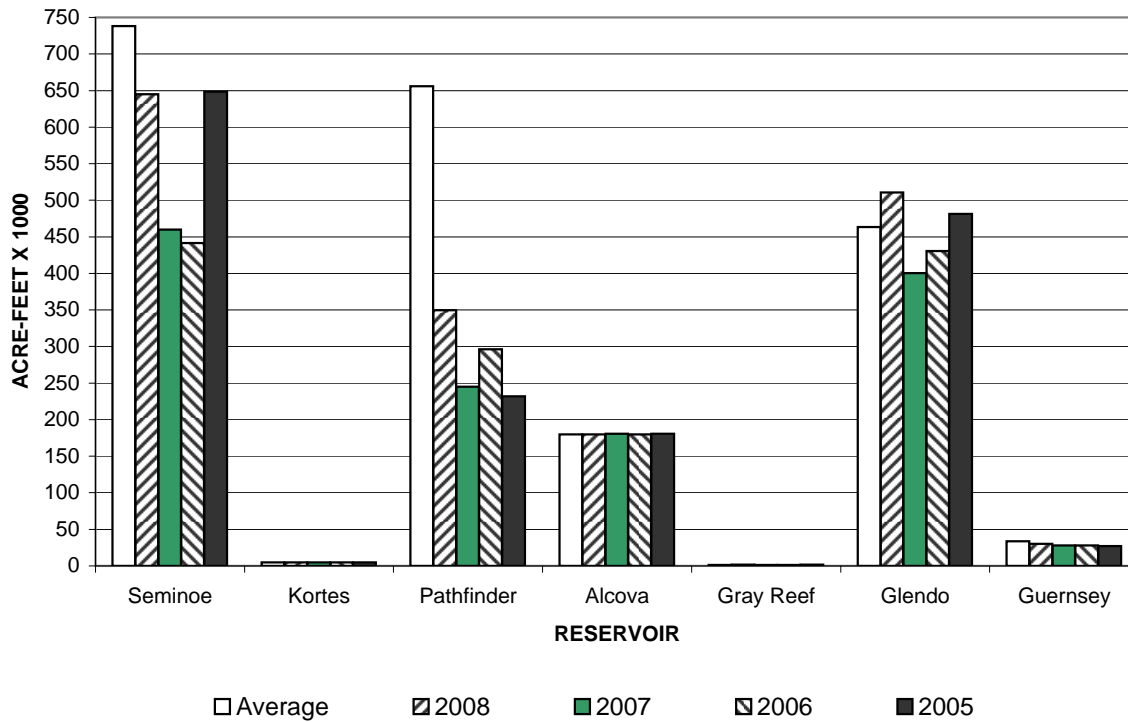
The June storage for Seminoe, Pathfinder and Guernsey Reservoirs were below average.

(1000 acre-feet)

Reservoir	Total Storage End of June			End of June 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	645.1	738.0	87	460.0	441.7		
Kortes	4.7	4.7	100	4.7	4.7	4.7	4.7	100
Pathfinder	349.5	656.0	53	244.9	296.4	231.7	1016.5	34
Alcova	179.8	180.0	100	180.9	179.9	180.6	184.4	98
Gray Reef	1.7	1.3	131	1.5	1.2	1.6	1.8	94
Glendo	510.8	463.3	110	400.5	430.4	481.5	517.5	99
Guernsey	30.0	33.9	88	27.8	28.0	27.3	45.6	66
Total	1721.6	2077.3	83	1320.3	1382.2	1576.2	2787.8	62

¹ Average is based on the 1978-2007 period.

NORTH PLATTE RIVER BASIN RESERVOIR STORAGE End of June



NORTH PLATTE RIVER BASIN RESERVOIR STORAGE OWNERSHIP

The Pathfinder Ownership filled on June 8, 2008, after which the Kendrick Ownership began accruing water. This is the first time since 2000 that the Pathfinder Ownership has filled and the Kendrick Ownership has accrued water.

(1000 acre-feet)

Ownership	Ownership of water End of June			End of June 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	560.0	946.4	59	406.1	494.6	598.9	1201.7	47
North Platte ¹	1051.7	880.3	119	830.1	833.4	902.9	1062.1	99
Glendo	98.0	157.4	62	76.5	45.4	68.3	183.2	53
Inland Lakes ²	0.0	1.7	0	0.0	0.0	0.0	46.0	0
Cheyenne ³	1.1	1.7 ⁶	65	0.2	0.9	1.4	10.0	11
PacifiCorp ⁴	0.8	1.7	47	0.7	2.0	2.0	2.0	40
WWDC ⁸	6.9	N/A	N/A	1.6	4.9	0.4	N/A	N/A
Other ⁷	3.1	83.1	4	5.1	0.9	0.4	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.

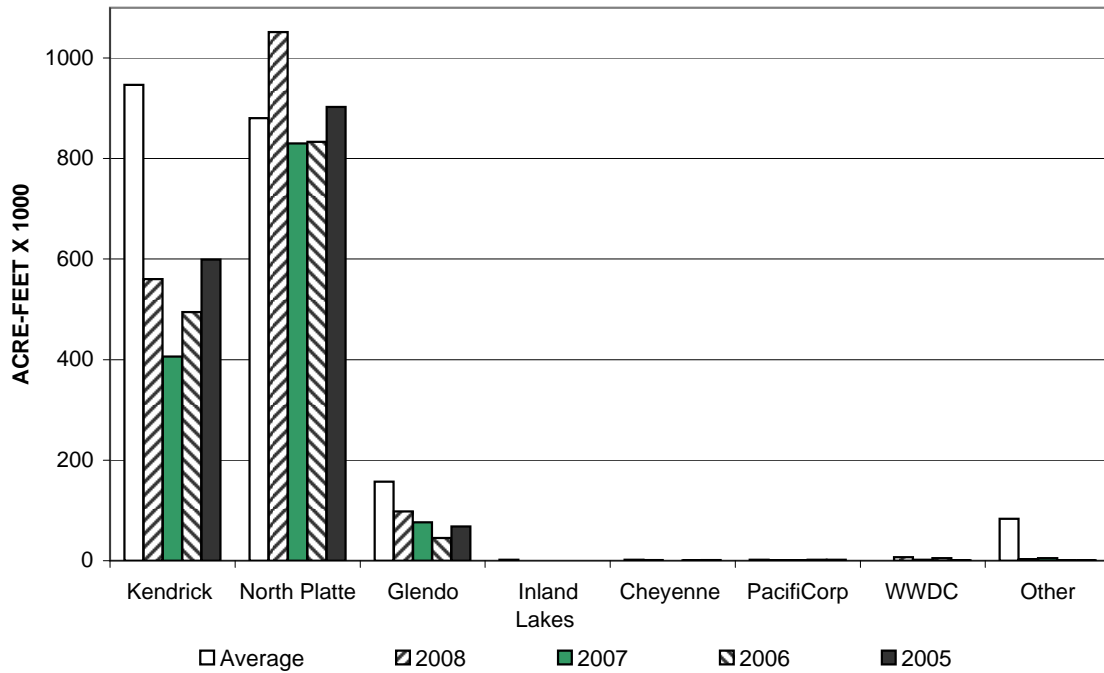
4 Pacific Power has a storage contract to store water in Glendo Reservoir for Dave Johnston Powerplant.

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 June 30, 2008, the Operational account contained 3,048 Acre-feet, the Re-Regulation space contained 25 Acre-feet.

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



INLAND LAKES RESERVOIR STORAGE

(acre-feet)

Reservoir	Total Storage End of June	30 Year Average ⁵	Percent of Average	Total Storage Capacity
Lake Alice	7,434	7,100	105	11,034 ¹
Little Lake Alice	330	310 ⁶	106	1,166 ²
Lake Winters Creek	1,088	899 ⁶	121	1,746 ³
Lake Minatare	51,794	46,700	111	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, Kortes and Guernsey in the North Platte Basin.

(Energy in giga-watt hours)

Powerplant	June Gross Generation			June Historical Generation			Accumulated Gross Gen. (October - June)		
	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	22.1	16.3	136	11.4	24.7	23.2	72.1	97.9	74
Kortes	25.1	15.7	160	13.1	28.3	23.7	93.4	104.8	89
Fremont Canyon ¹	13.3	31.0	43	24.6	38.3	33.5	94.0	144.6	65
Alcova	5.9	15.5	38	12.6	20.5	17.2	51.8	69.8	74
Glendo	10.9	14.4	76	17.1	11.2	9.9	25.7	34.5	74
Guernsey	4.2	3.5	120	3.9	2.7	4.1	9.7	9.6	101

¹ The powerplant for Pathfinder Dam is Fremont Canyon.

² Average is based on the 1978-2007 period.

**NORTH PLATTE RIVER BASIN
GROSS GENERATION
June**

