February 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:

- 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

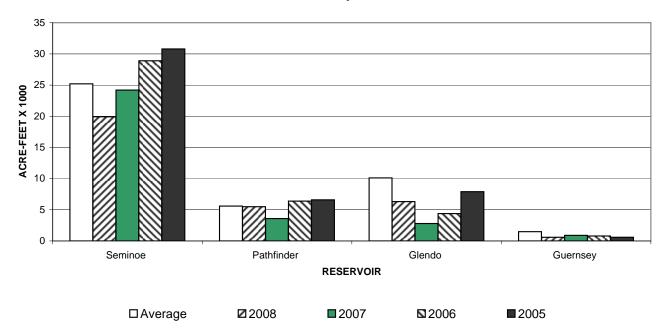
The January inflows were below average for all reservoirs in the North Platte Basin.

(1000 acre-feet)

		January Inflow			His	January Historical Inflow			Accumulated Inflow (October - January)		
Reservoir		W. Yr. 30 Yr. % of 2008 Avg. ⁵ Avg.		W. Yr. 2007	W. Yr. 2006	W. Yr. 2005	W. Yr. 2008	30 Yr. Avg. ⁵	% of Avg.		
Seminoe		19.9	25.2	79	24.2	28.9	30.8	102.4	109.5	94	
Pathfinder	1, 2	5.5	5.6	98	3.6	6.4	6.6	17.8	20.3	88	
Glendo	3	6.3	10.1	62	2.8	4.4	7.9	13.7	42.0	33	
Guernsey	4	0.6	1.5	40	0.9	0.8	0.6	3.1	7.3	42	

- 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 January



NORTH PLATTE RIVER BASIN OUTFLOW

The January outflows for the North Platte Reservoirs were below average except for Glendo Reservoir.

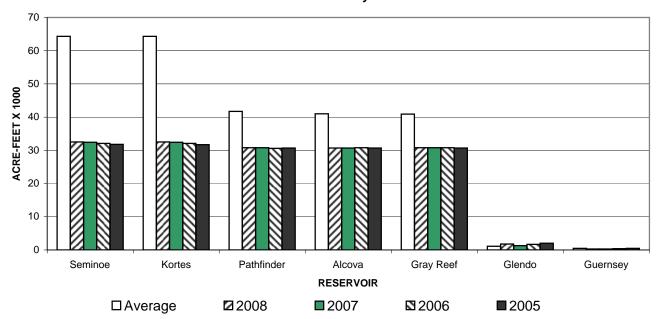
(1000 acre-feet)

		January Outflow			January Historical Outflow			Accumulated Outflow (October - January)		
Reservoir	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	32.5	64.3	51	32.4	32.1	31.8	129.8	225.9	57	
Kortes	32.5	64.3	51	32.4	32.1	31.7	129.8	225.9	57	
Pathfinder	30.8	41.7	74	30.8	30.6	30.7	108.8	156.4	70	
Alcova	30.7	41.0	75	30.7	30.8	30.7	130.7	179.1	73	
Gray Reef	30.8	40.9	75	30.8	30.8	30.7	130.9	178.9	73	
Glendo	1.8	1.1	164	1.3	1.7	2.0	7.2	9.1	79	
Guernsey	0.3	0.5	60	0.3	0.4	0.5	0.8	13.4	6	

- 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

January



NORTH PLATTE RIVER BASIN RESERVOIR STORAGE

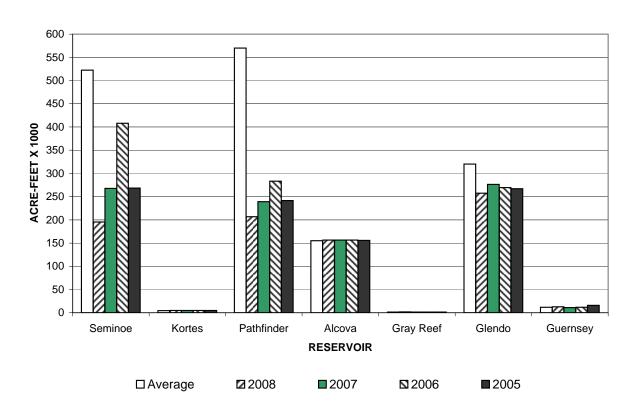
The January storage for the major reservoirs; Seminoe and Pathfinder were below average.

(1000 acre-feet)

		Total Storage End of January			nd of Janua storical Stor	•	Total Conservation	Percent of
Reservoir	W. Yr.	30 Yr.	% of	W. Yr.	W. Yr.	W. Yr.	Storage	Capacity
	2008	Avg. 1	Avg.	2007	2006	2005	Capacity	
Seminoe	195.4	522.4	37	267.7	408.1	268.4	1017.3	19
Kortes	4.7	4.6	102	4.7	4.7	4.7	4.7	100
Pathfinder	206.8	570.1	36	239.1	283.4	241.6	1016.5	20
Alcova	156.4	155.1	101	156.3	156.3	155.9	184.4	85
Gray Reef	1.6	1.4	114	1.5	1.5	1.4	1.8	89
Glendo	257.6	320.1	80	276.5	269.6	267.1	517.5	50
Guernsey	12.8	11.6	110	10.9	11.6	15.9	45.6	28
Total	835.3	1585.3	53	956.7	1135.2	955.0	2787.8	30

¹ Average is based on the 1978-2007 period.

NORTH PLATTE RIVER BASIN RESERVOIR STORAGE End of January



NORTH PLATTE RIVER BASIN RESERVOIR STORAGE OWNERSHIP

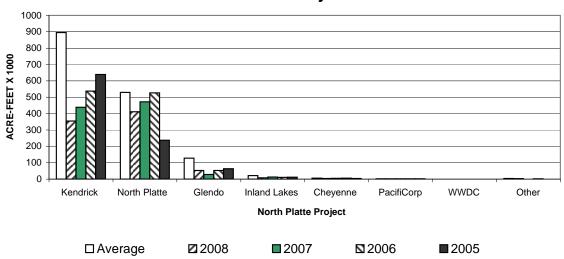
Kendrick ownership was the lowest for the end of January in the last 30 years. Glendo ownership at the end of January was the second lowest in the last 30 years.

(1000 acre-feet)

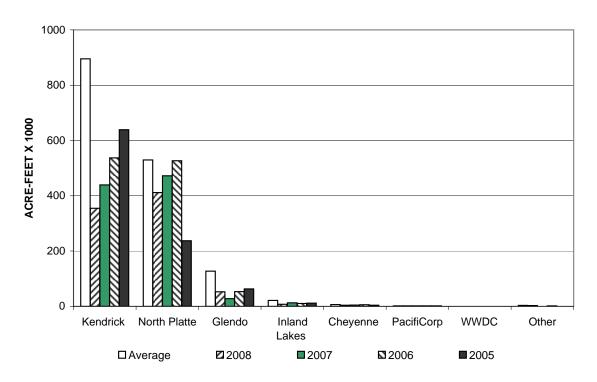
		O	wnership of w End of Janua		End of January Historical Ownership			Total	Percent of
Ownership		W. Yr. 2008	30 Yr. Avg. ⁵	% of Avg.	W. Yr. 2007	W. Yr. 2006	W. Yr. 2005	Storage Capacity	Capacity
Kendrick		354.9	895.4	40	439.1	537.3	639.0	1201.7	30
North Platte	1	411.2	529.4	78	472.1	526.7	237.3	1062.1	39
Glendo		52.4	127.6	41	28.0	53.0	63.1	183.2	29
Inland Lakes	2	7.7	21.7	35	12.6	10.7	11.8	46.0	17
Cheyenne	3	4.0	6.2 ⁶	65	4.7	5.8	3.8	10.0	40
PacifiCorp	4	2.0	1.5	133	2.0	2.0	2.0	2.0	100
WWDC	8	0.0	N/A	N/A	0.0	0.0	0.0	N/A	N/A
Other	7	3.1	3.5	89	0.0	1.7	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 may contain up to 15,000 acre-feet. On January 31, 2008, the Operational account contained 3,123 Acre-feet and Re-Regulation space contained 0 Acre-feet.

Ownership of Water End of January



NORTH PLATTE RIVER BASIN OWNERSHIP OF WATER End of January



INLAND LAKES RESERVOIR STORAGE

(acre-feet)

				(4010 1001)
	Total	30 Year	Percent of	Total
Reservoir	Storage	Average ⁵	Average	Storage
	End of January		_	Capacity
Lake Alice	28	500	6	11,034 ¹
Little Lake Alice	95	83 ⁶	114	1,166 ²
Lake Winters Creek	394	584 ⁶	67	1,746 ³
Lake Minatare	16,760	28,400	59	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

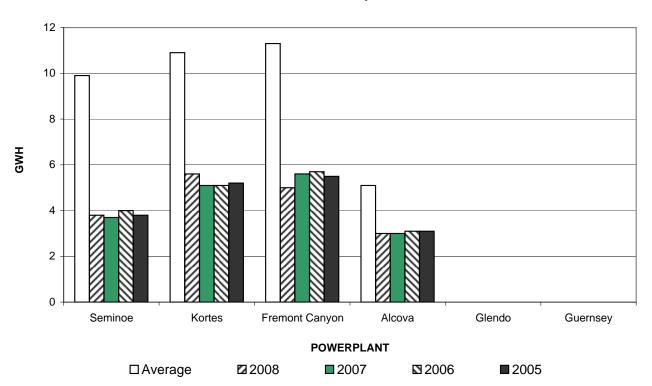
Power generation was below average for all powerplants in the North Platte Basin.

(Energy in giga-watt hours)

	January Gross Generation			Histo	January Historical Generation			Accumulated Gross Gen. (October - January)		
Powerplant	W. Yr.	30 Yr.	% of	W. Yr.	W. Yr.	W. Yr.	W. Yr.	30 Yr.	% of	
	2008	Avg. ²	Avg.	2007	2006	2005	2007	Avg. ²	Avg.	
Seminoe	3.8	9.9	38	3.7	4.0	3.8	15.0	34.8	43	
Kortes	5.6	10.9	51	5.1	5.1	5.2	22.0	37.9	58	
Fremont Canyon 1	5.0	11.3	44	5.6	5.7	5.5	18.4	41.4	44	
Alcova	3.0	5.1	59	3.0	3.1	3.1	13.2	21.9	60	
Glendo	0.0	0.0	0	0.0	0.0	0.0	0.0	0.3	0	
Guernsey	0.0	0.0	0	0.0	0.0	0.0	0.0	0.5	0	

¹ The powerplant for Pathfinder Dam is Fremont Canyon.

NORTH PLATTE RIVER BASIN GROSS GENERATION January



² Average is based on the 1978-2007 period.

NORTH PLATTE ESTIMATED APRIL-JULY RUNOFF

The February 1, 2008, water supply forecast indicates near average April - July runoff for the upper Reservoirs, and below average in the lower Noth Platte Basin. The two tables below show the forecasted value as expected, reasonable maximum, and reasonable minimum, with the other table showing percent chance of exceeding values.

(1000 acre-feet)

Basin	February 1, 2008 Forecast of April-July Runoff			30 Yr. April-July	Most Probable	Comparative Actual April - July Runoff			
	Reasonable Maximum ¹	Expected	Reasonable Minimum ¹	Runoff Avg. ²	% of Avg.	W. Yr. 2007	W. Yr. 2006	W. Yr. 2005	W. Yr. 2004
Seminoe Reservoir	950	700	450	704	99	425	546	733	277
Sweetwater River									
Above Pathfinder									
Reservoir	60	40	20	62	65	24	32	66	34
Alcova to Glendo	115	75	35	121	62	102	45	39	34

¹ The probability is estimated to be 9 chances in 10 that the actual volume will fall between the reasonable minimum and reasonable maximum.

(1000 acre-feet)

Forecast Points		February 1, 2008 Forecast of April-July Runoff Chance of Exceeding							
	95% 75% 50% % of Avg 25% 5%								
Seminoe Reservoir	450	598	700	99	802	950	704		
Sweetwater River Above Pathfinder									
Reservoir	20	32	40	65	48	60	62		
Alcova to Glendo Gain	35	59	75	62	91	115	121		

¹ Average is based on the 1978-2007 period.

² Average is based on the 1978-2007 period.

NORTH PLATTE SNOWPACK WATER CONTENT

The tables shown below display the Snotel and Snow Courses used in the development of the April-July snowmelt runoff forecasts displayed on the previous page.

SWE in inches 1

		February 1, 2008 snow-water content			Comparative February 1 snow-water content		
WATERSHED	W. Yr. 2008	30 Yr. Avg. ²	W. Yr. 2007	W. Yr. 2006	W. Yr. 2005		
Seminoe Reservoir	14.3	13.3	108	11.0	16.7	12.1	
Pathfinder Reservoir	7.6	9.6	79	5.9	9.6	11.5	
Glendo Reservoir	5.7	7.3	78	6.5	7.8	4.9	

Seminoe Reservoir Watershed

SWE in inches ¹

Stations	Water	30 Yr.
(Elevation)	Content	Avg. ²
Cameron Pass (10,300) ³	18.1	16.8
Columbine Lodge(9,300) ³	16.5	15.3
Park View (9,200) 3	10.7	5.9
Brooklyn (10,200) 4	13.2	15.3
Fox Park (9.060) 3	4.8	4.9
North Barrett (9,400)	14.6	12.8
North French (10,130) 4	20.4	18.4
Old Battle (9,800)	21.2	20.0
Ryan Park (8,400)	7.2	7.4
Webber Springs (9,250) 4	16.4	16.1
Watershed Average	14.3	13.3

Pathfinder Reservoir Watershed

SWE in inches 1

Stations		Water	30 Yr.
(Elevation)		Content	Avg. 2
South Pass (9,040)	4	8.2	11.4
Grannier Meadows (8,860)	3	8.8	9.1
Larsen Creek (9,020)	3	5.9	8.4
Watershed Average		7.6	9.6

Glendo Reservoir Watershed

SWE in inches 1

Stations	Water	30 Yr.
(Elevation)	Content	Avg. ²
Casper (7,900) 4	6.7	9.0
Laprele Creek (8,375) 4	3.9	7.3
Reno Hill (8,500) 4	7.3	8.4
Windy Peak (7,900) 4	4.8	4.5
Watershed Average	5.7	7.3

¹ SWE (Snow Water Equivalent is the amount of water in the snowpack expressed in inches)

² Average is based on the 1971-2000 period

³ Represents a Natural Resources Conservation Service (NRCS) Snow Course Site.

⁴ Represents a NRCS Snowpack Telemetry Network (SNOTEL) Site.