April 1, 2009 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

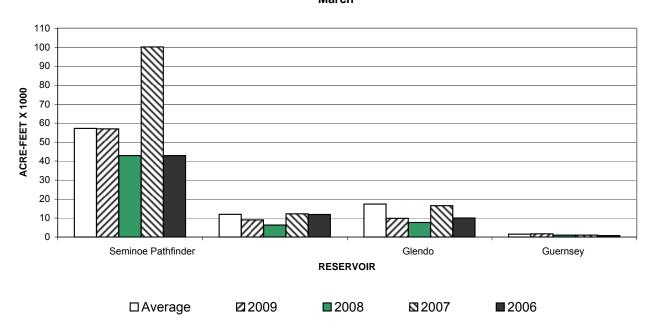
The March inflow was average for Seminoe Reservoir and above average for Guernsey Reservoir.

(1000 acre-feet)

		March Inflow			His	March	ow	Accumulated Inflow (October - March)		
Reservoir W. Yr. 30 Yr. % of 2009 Avg. ⁵ Avg.		W. Yr. 2008	W. Yr. 2007	W. Yr. 2006	W. Yr. 2009	30 Yr. Avg. ⁵	% of Avg.			
Seminoe		57.0	57.2	100	42.9	100.1	42.9	198.4	194.4	102
Pathfinder	1, 2	9.0	12.0	75	6.3	12.2	11.9	45.8	38.7	118
Glendo	3	9.9	17.4	57	7.7	16.5	10.0	30.2	72.2	42
Guernsey	4	1.7	1.5	113	1.0	1.0	0.8	8.0	9.8	82

- 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. (1979-2008)

NORTH PLATTE RIVER BASIN RESERVOIR INFLOW March



NORTH PLATTE RIVER BASIN OUTFLOW

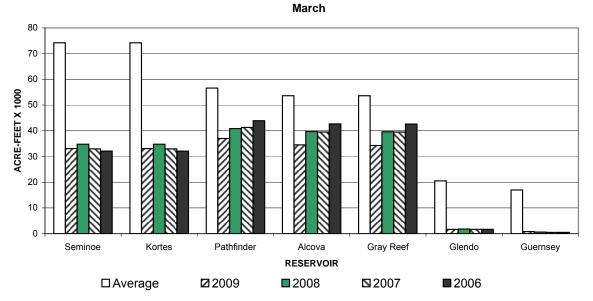
The March outflow was below average.

(1000 acre-feet)

	March Outflow			His	March torical Out	flow	Accumulated Outflow (October - March)		
Reservoir	W. Yr. 2009	30 Yr. Avg. ²	% of Avg.	W. Yr. 2008	W. Yr. 2007	W. Yr. 2006	W. Yr. 2009	30 Yr. Avg. ²	% of Avg.
Seminoe	33.1	74.2	45	34.8	33.0	32.1	193.9	354.3	55
Kortes	33.1	74.2	45	34.8	33.0	32.1	193.9	354.2	55
Pathfinder	37.0	56.6	65	40.9	41.3	43.9	175.0	247.9	71
Alcova	34.5	53.6	64	39.7	39.5	42.7	195.6	266.7	73
Gray Reef	34.3	53.6	64	39.6	39.5	42.6	195.4	266.6	73
Glendo	¹ 1.7	20.5	8	1.8	1.7	1.7	10.0	35.1	28
Guernsey	0.8	17.0	5	0.6	0.5	0.5	2.6	32.2	8

¹ In 1993 an outlet was constructed at Glendo Dam which is used to provide a flow of approximately 25 cubic feet per second, 15 year average (1994-2008).

NORTH PLATTE RIVER BASIN RESERVOIR OUTFLOW



^{2 30} year average (1979-2008).

NORTH PLATTE RIVER BASIN RESERVOIR STORAGE

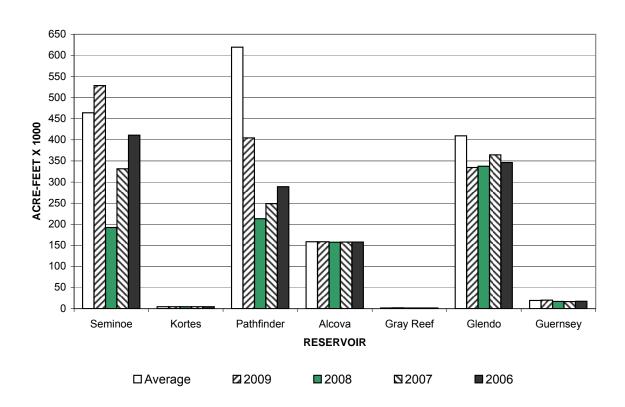
The March storage for Seminoe reservoir was above average.

(1000 acre-feet)

		Total Storage End of March			End of Marc		Total Conservation	Percent of
Reservoir	W. Yr. 2009	30 Yr. Avg. ¹	% of Avg.	W. Yr. 2008	W. Yr. 2007	W. Yr. 2006	Storage Capacity	Capacity
Seminoe	528.6	464.0	114	192.4	331.3	411.1	1017.3	52
Kortes	4.7	4.6	102	4.7	4.7	4.7	4.7	100
Pathfinder	404.8	619.5	65	213.1	248.6	289.1	1016.5	40
Alcova	158.6	158.5	100	157.5	157.8	157.6	184.4	86
Gray Reef	1.8	1.4	129	1.6	1.4	1.6	1.8	100
Glendo	334.6	409.4	82	337.7	364.6	346.3	517.5	65
Guernsey	20.1	19.4	104	16.9	16.5	17.3	45.6	44
Total	1453.2	1676.8	87	923.9	1124.9	1227.7	2787.8	52

¹ Average is based on the 1979-2008 period.

NORTH PLATTE RIVER BASIN RESERVOIR STORAGE End of March



NORTH PLATTE RIVER BASIN RESERVOIR STORAGE OWNERSHIP

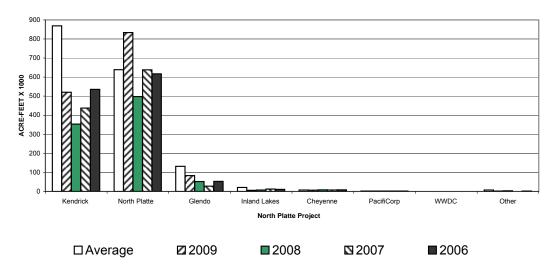
North Platte Ownership was above average for March. Kendrick Ownership at the end of March was the 5th lowest in the last 30 years.

(1000 acre-feet)

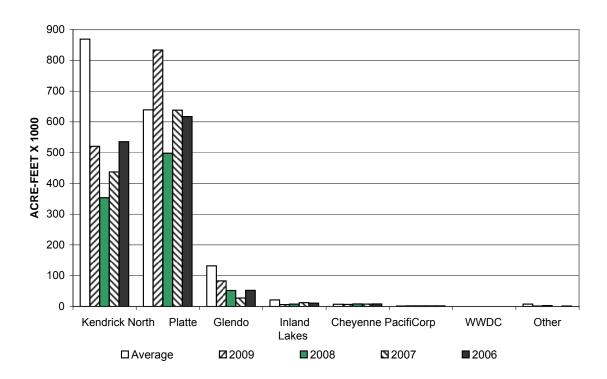
		O	wnership of w End of Marcl		_	nd of Marc orical Owne		Total	Percent of
Ownership		W. Yr.	30 Yr.	% of	W. Yr. W. Yr. W. Yr.			Storage	Capacity
		2009	Avg. ⁵	Avg.	2008	2007	2006	Capacity	
Kendrick		520.4	868.9	60	353.8	437.3	535.3	1201.7	43
North Platte	1	833.3	639.1	130	497.7	638.1	617.0	1062.1	78
Glendo		83.2	131.9	63	51.8	27.5	52.6	183.2	45
Inland Lakes	2	6.0	21.1	28	7.7	12.6	10.7	46.0	13
Cheyenne	3	6.8	7.5 ⁶	91	8.1	7.6	8.3	10.0	68
PacifiCorp	4	2.0	1.4	143	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	1.5	7.6	20	3.1	0.0	1.6	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 1979-2008 period.
- 6 Average is based on the 1982-2008 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 2008 Natural Flow and Ownership Procedures, the operational account may contain up to 15,000 acre-feet. On March 31, 2009, the Operational account contained 1,513 Acre-feet, the Re-Regulation space contained 0 Acre-feet.

Ownership of Water



NORTH PLATTE RIVER BASIN OWNERSHIP OF WATER End of March



INLAND LAKES RESERVOIR STORAGE

(acre-feet)

				1
	Total	30 Year	Percent of	Total
Reservoir	Storage	Average ⁵	Average	Storage
	End of March			Capacity
Lake Alice	392	200	196	11,034 1
Little Lake Alice	35	45 ⁶	78	1,166 ²
Lake Winters Creek	392	477 ⁶	82	1,746 ³
Lake Minatare	34,505	27,800	124	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. (1979-2008)
- 6 18 year average. (1991-2008)

NORTH PLATTE RIVER BASIN GROSS GENERATION

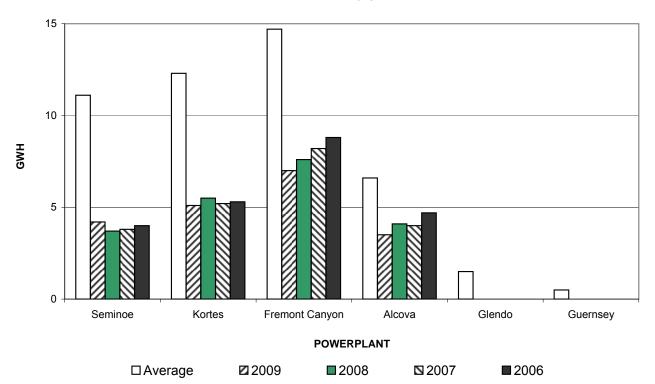
Power generation was below average for all power plants in the North Platte Basin.

(Energy in giga-watt hours)

	March Gross Generation			March Historical Generation			Accumulated Gross Gen. (October - March)		
Powerplant	W. Yr. 2009	30 Yr. Avg. ²	% of Avg.	W. Yr. 2008	W. Yr. 2007	W. Yr. 2006	W. Yr. 2009	30 Yr. Avg. ²	% of Avg.
Seminoe	4.2	11.1	38	3.7	3.8	4.0	26.0	53.9	48
Kortes	5.1	12.3	41	5.5	5.2	5.3	31.3	59.2	53
Fremont Canyon 1	7.0	14.7	48	7.6	8.2	8.8	29.9	64.9	46
Alcova	3.5	6.6	53	4.1	4.0	4.7	17.7	32.4	55
Glendo	0.0	1.5	0	0.0	0.0	0.0	0.0	2.1	0
Guernsey	0.0	0.5	0	0.0	0.0	0.0	0.0	1.1	0

¹ The powerplant for Pathfinder Dam is Fremont Canyon.

NORTH PLATTE RIVER BASIN GROSS GENERATION March



² Average is based on the 1979-2008 period.

NORTH PLATTE ESTIMATED MAY-JULY RUNOFF

The April 1, 2009, water supply forecast indicates average April - July runoff for Seminoe Reservoir and below average for the rest of the system. The forecast for the North Platte River system is shown in the two tables below.

(1000 acre-feet)

Forecast	•	il 1, 2009 Fore April-July Rur	30 Yr. April-July	Expected		Comparative Actual April - July Runoff			
Points	Reasonable Maximum ¹	Expected		% of Avg.	W. Yr. 2008	W. Yr. 2007	W. Yr. 2006	W. Yr. 2005	
Seminoe Reservoir	950	700	500	704	99	956	425	546	733
Sweetwater River Above Pathfinder									
Reservoir	70	30	20	61	49	52	24	32	66
Alcova to Glendo	150	100	50	122	82	209	102	45	39

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)

							(1000 acre-leet)
Forecast Points	30 Yr. April-July Runoff						
	Avg. 1						
Seminoe							
Reservoir	500	618	700	99	802	950	704
Sweetwater River Above Pathfinder							
Reservoir	20	26	30	49	46	70	61
Alcova to Glendo							
Gain	50	80	100	82	120	150	122

¹ Average is based on the 1979-2008 period.

² Average is based on the 1979-2008 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 page eight of this report.

SWE in inches 1

		Aբ snow-	Comparative April 1 snow-water content			
WATERSHED	W. Yr. 2009	30 Yr. Avg. ²	% of Avg.	W. Yr. 2008	W. Yr. 2007	W. Yr. 2006
Seminoe Reservoir	21.3	21.1	101	21.8	15.7	20.6
Pathfinder Reservoir	8.3	14.5	57	11.1	10.1	12.8
Glendo Reservoir	11.1	11.9	93	11.3	10.2	11.9

Seminoe Reservoir Watershed

SWE in inches 1

Stations		Water	30 Yr.
(Elevation)		Content	Avg. ²
Cameron Pass (10,300)	3	29.4	27.2
Columbine Lodge(9,300)	3	17.9	22.9
Park View (9,200)	3	7.1	9.3
Brooklyn (10,200)	4	23.4	23.9
Fox Park (9.060)	3	6.3	7.6
North Barrett (9,400)	3	22.6	21.5
North French (10,130)	4	35.0	29.3
Old Battle (9,800)	4	33.6	32.3
Ryan Park (8,400)	3	12.4	10.8
Webber Springs (9,250)	4	25.2	26.3
Watershed Average		21.3	21.1

Pathfinder Reservoir Watershed

SWE in inches 1

Stations		Water	30 Yr.
(Elevation)		Content	Avg. 2
South Pass (9,040)	4	12.0	16.7
Grannier Meadows (8,860)	3	8.0	14.1
Larsen Creek (9,020)	3	4.9	12.7
Watershed Average		8.3	14.5

Glendo Reservoir Watershed

SWE in inches 1

Stations		Water	30 Yr.
(Elevation)		Content	Avg. 2
Casper (7,900)	·	12.2	14.4
Laprele Creek (8,375)	ı	9.2	10.9
Reno Hill (8,500)	ŀ	14.3	14.2
Windy Peak (7,900)	ļ.	8.7	8.1
Watershed Average		11.1	11.9

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.