March 1, 2008 WATER SUPPLY AND UTILIZATION REPORT BIGHORN RIVER BASIN WYOMING AREA OFFICE

This report concerns the operation of Reclamation facilities in the Shoshone and Wind/Bighorn River Basins.

Reclamation defines a water year as the time period of October 1 through September 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. Select Water Operations.
- 3. Select Water Management Information.
- 4. Select Water Supply Report.
- 5. Under Bighorn Basin, select Current Month or reports from the previous 12 months

BIGHORN RIVER BASIN INFLOW

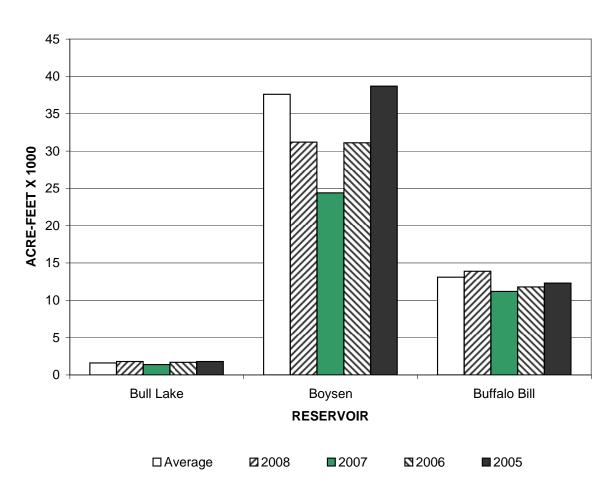
February inflow to Bull Lake and Buffalo Bill Reservoirs was above average.

(1000 acre-feet)

	February Inflow			His	February storical Infl	ow		umulated Ir ober-Febru	
Reservoir	W. Yr.	30 Yr.	% of	W. Yr.	W. Yr.	W. Yr.	W. Yr.	30 Yr.	% of
	2008	Avg. 1	Avg.	2007	2006	2005	2008	Avg.	Avg.
Bull Lake	1.8	1.6	113	1.4	1.7	1.8	18.2	14.6	125
Boysen	31.2	37.6	83	24.4	31.1	38.7	162.4	221.7	73
Buffalo Bill	13.9	13.1	106	11.2	11.8	12.3	104.7	88.7	118

¹ Average is based on the 1978-2007 period.

BIGHORN RIVER BASIN RESERVOIR INFLOW February



BIGHORN RIVER BASIN OUTFLOW

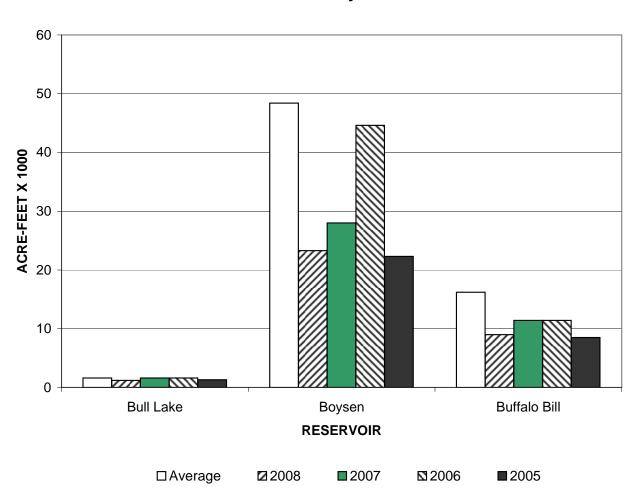
Releases from Bull Lake, Boysen, and Buffalo Bill Reservoirs were below average during February.

(1000 acre-feet)

		February Outflow		February Historical Outflow				utflow uary)	
Reservoir	W. Yr.	30 Yr.	% of	W. Yr.	W. Yr.	W. Yr.	W. Yr.	30 Yr.	% of
	2008	Avg. 1	Avg.	2007	2006	2005	2008	Avg.	Avg.
Bull Lake	1.2	1.6	75	1.6	1.6	1.3	8.1	14.5	56
Boysen	23.3	48.4	48	28.0	44.6	22.3	121.4	276.9	44
Buffalo Bill	9.0	16.2	56	11.4	11.4	8.5	70.2	103.6	68

¹ Average is based on the 1978-2007 period.

BIGHORN RIVER BASIN RESERVOIR OUTFLOW February



BIGHORN RIVER BASIN STORAGE

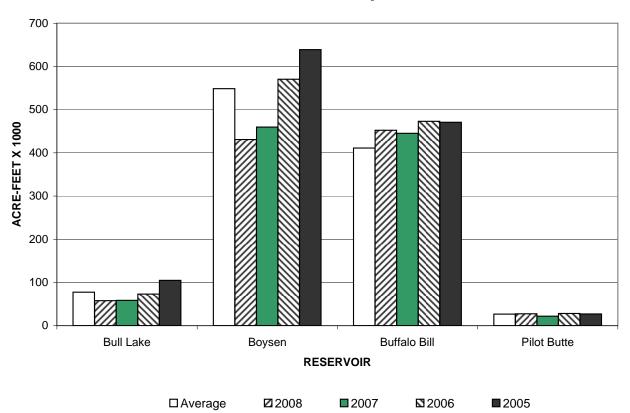
Storage at the end of February was above average at Buffalo Bill and Pilot Butte Reservoirs.

(1000 acre-feet)

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		otal Storag		End of February Historical Storage			Total Conservation	Percent of
Reservoir	W. Yr. 2008	30 Yr. Avg. ¹	% of Avg.	W. Yr. 2007	W. Yr. 2006	W. Yr. 2005	Storage Capacity	Capacity
Bull Lake	57.7	77.3	75	58.5	73.0	104.7	152.5	38
Boysen	430.6	548.4	79	459.5	570.3	638.9	741.6	58
Buffalo Bill	452.2	411.1 ²	110	445.1	473.0	470.6	646.6	70
Pilot Butte	27.4	26.7	103	21.8	28.0	27.1	33.7	81

¹ Average is based on the 1978-2007 period.

BIGHORN RIVER BASIN RESERVOIR STORAGE End of February



² This does not reflect a long term average because in 1992 the capacity of the reservoir was increased to approximately 646,565 acre-feet as a result of raising the dam. The average used here reflects data from 1993 through 2007.

BIGHORN SNOWPACK WATER CONTENT

The tables shown below display the Snotel stations used in the development of the April - July snowmelt runoff forecasts displayed on page six of this report.

SWE in inches 1

		March 1		Comparative March 1			
	sn	ow-water con	tent	snow-water content			
WATERSHED	W. Yr.	30 Yr.	% of	W. Yr.	W. Yr.	W. Yr.	
	2008	Avg. ²	Avg.	2007	2006	2005	
Bull Lake Reservoir	9.27	10.83	86	9.5	9.4	9.4	
Boysen Reservoir	12.04	12.19	99	10.9	8.9	9.3	
Buffalo Bill Reservoir	16.03	16.83	95	14.5	9.9	12.7	

Boysen Reservoir Watershed

Buffalo Bill Reservoir Watershed

SWE in inches 1

		SWE in inches ¹
Snotel Stations	Water	30 Yr.
(Elevation)	Content	Avg. ²
Burroughs Creek (8,750)	13.1	12.6
Hobbs Park (10,100)	10.4	11.9
Kirwin (9,800)	10.1	9.1
Little Warm (9,620)	7.9	9.5
Togwotee Pass (9,580)	22.2	20.7
Townsend Creek (8,700)	6.4	6.9
Younts Peak (8,350)	14.2	14.6
Watershed Average	12.04	12.19

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Snotel Stations	Water	30 Yr.
(Elevation)	Content	Avg. ²
Blackwater (9,780)	20.3	20.4
Evening Star (9,200)	24.9	25.0
Marquette (8,760)	3.7	6.9
Sylvan Lake (8,420)	17.5	18.8
Sylvan Road (8,120)	9.4	11.4
Togwotee Pass (9,580)	22.2	20.7
Younts Peak (8,350)	14.2	14.6
Watershed Average	16.03	16.83

Bull Lake Reservoir Watershed

SWE in inches 1

Snotel Stations	Water	30 Yr.
(Elevation)	Content	Avg. ²
Elkhart Park (8,400)	9.5	11.1
Hobbs Park (10,100)	10.4	11.9
Little Warm (9,620)	7.9	9.5
Watershed Average	9.27	10.83

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

² Average is based on the 1971-2000 period

BIGHORN WATER SUPPLY FORECAST

The March 1, 2008, water supply forecast indicates below average April - July runoff can be expected as shown below.

(1000 acre-feet)

Forecast	March 1, 2008 Forecast of April-July Runoff			30 Yr. April-July	Expected	Comparative Actual April - July Runoff			
Points	Reasonable		Reasonable	Runoff	% of Avg.	W. Yr.	W. Yr.	W. Yr.	W. Yr.
	Minimum ¹	Expected	Maximum ¹	Avg. ²		2007	2006	2005	2004
Bull Lake	90	120	150	139.7	86	103	121	155	117
Reservoir									
Wind River above	220	320	420	401.3	80	194	282	387	294
Bull Lake Creek									
Boysen	200	400	700	552.2	72	211	201	589	321
Reservoir									
Buffalo Bill	500	600	700	644.0	93	427	546	513	387
Reservoir									

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

² Average is based on the 1978-2007 period.

(1000 acre-feet)

						(1	000 acre-reet)		
Forecast	March 1, 2008 Forecast of April-July Runoff								
Points							April-July Runoff		
	95%	75%	50%	% of Avg	25%	5%	Avg. 1		
Bull Lake Reservoir	90	108	120	86	132	150	139.7		
Wind River above Bull Lake Creek	220	279	320	80	361	420	401.3		
Boysen Reservoir	200	318	400	72	523	700	552.2		
Buffalo Bill Reservoir	500	559	600	93	641	700	644.0		

¹ Average is based on the 1978-2007 period.

BIGHORN RIVER BASIN GENERATION

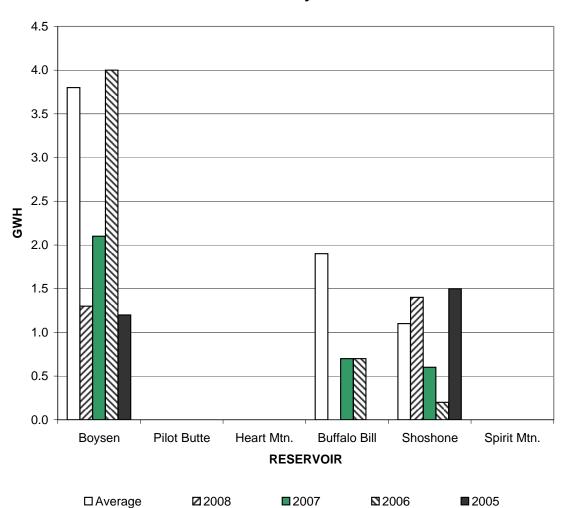
Boysen and Shoshone Powerplants were the only Powerplants that generated electricity during February. Generation at Shoshone Powerplant was above average.

(Energy in giga-watt hours)

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	Gro	February Gross Generation			February Historical Generation			Accumulated Gross Gen. (October-February)		
Powerplant	W. Yr.	Avg.	% of	W. Yr.	W. Yr.	W. Yr.	W. Yr.	Avg.	% of	
	2008		Avg.	2007	2006	2005	2008		Avg.	
Boysen ¹	1.3	3.8	34	2.1	4.0	1.2	7.2	22.6	32	
Pilot Butte ²	0.0	0.0	0	0.0	0.0	0.0	0.7	0.2	350	
Heart Mtn. 3	0.0	0.0	0	0.0	0.0	0.0	0.9	0.8	113	
Buffalo Bill ³	0.0	1.9	0	0.7	0.7	0.0	1.1	9.3	12	
Shoshone ³	1.4	1.1	127	0.6	0.2	1.5	7.0	7.3	96	
Spirit Mtn. ⁴	0.0	0.0	0	0.0	0.0	0.0	1.0	0.9	111	

Average is based on the 1978-2007 period.

BIGHORN RIVER BASIN GROSS GENERATION February



² Average is based on the 1990-2007 period.

³ Average is based on the 1993-2007 period.

⁴ Average is based on the 1995-2007 period.