June 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 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. 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

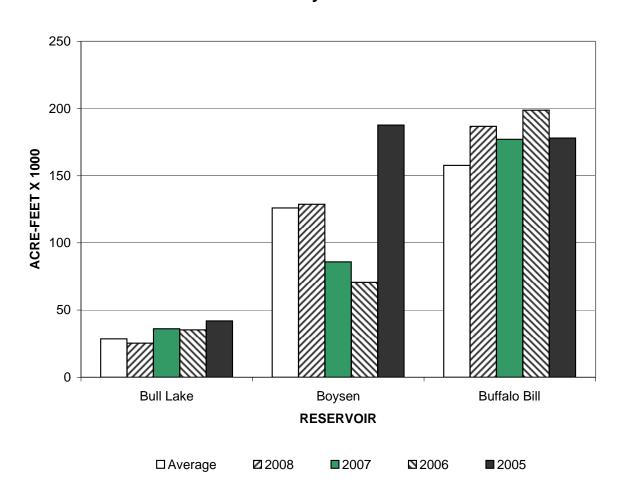
May inflow to Boysen and Buffalo Bill Reservoirs was above average.

(1000 acre-feet)

	May May			Accumulated Inflow					
		Inflow		Historical Inflow (October-May				y)	
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	25.4	28.6	89	36.1	35.3	41.9	46.2	48.7	95
Boysen	128.8	126.0	102	85.9	70.6	187.7	361.6	448.5	81
Buffalo Bill	186.8	157.7	118	177.1	198.8	178.1	325.7	307.3	106

¹ Average is based on the 1978-2007 period.

BIGHORN RIVER BASIN RESERVOIR INFLOW May



BIGHORN RIVER BASIN OUTFLOW

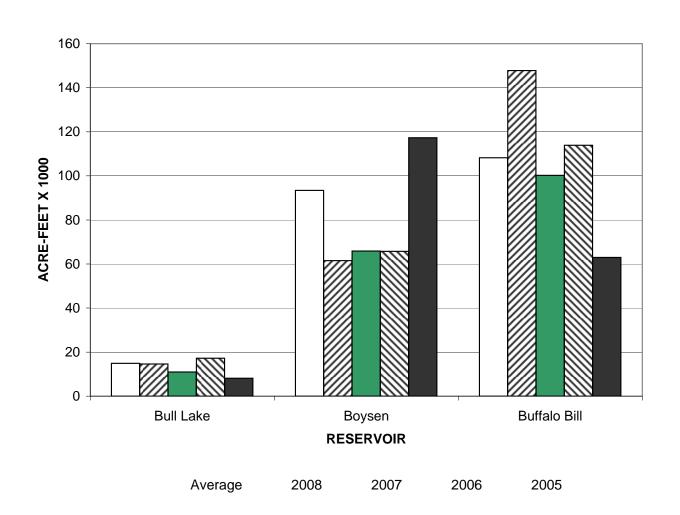
The release from Buffalo Bill Reservoir was above average during May.

(1000 acre-feet)

	May				May			Accumulated Outflow			
		Outflow		Historical Outflow (Octobe				October-May)			
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	14.6	14.9	98	11.0	17.2	8.1	29.4	34.8	84		
Boysen	61.5	93.4	66	65.9	65.7	117.3	238.1	500.2	48		
Buffalo Bill	147.8	108.2	137	100.2	113.9	63.0	265.7	286.5	93		

¹ Average is based on the 1978-2007 period.

BIGHORN RIVER BASIN RESERVOIR OUTFLOW May



BIGHORN RIVER BASIN STORAGE

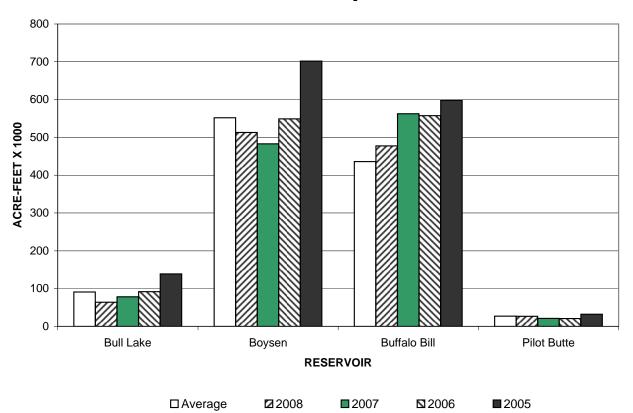
Storage at the end of May was below average at all reservoirs except Buffalo Bill Reservoir.

(1000 acre-feet)

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		otal Storag		End of May 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	64.1	90.8	71	78.2	91.7	139.0	152.5	42
Boysen	513.1	552.0	93	483.0	549.1	701.6	741.6	69
Buffalo Bill	477.3	436.1 ²	109	562.5	557.5	598.3	646.6	74
Pilot Butte	26.5	27.3	97	21.2	20.7	32.0	33.7	79

¹ Average is based on the 1978-2007 period.

BIGHORN RIVER BASIN RESERVOIR STORAGE End of May



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

		June 1		Comparative June 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	5.07	5.10	99	0.3	0.0	4.0	
Boysen Reservoir	10.56	7.36	143	0.9	2.3	4.4	
Buffalo Bill Reservoir	18.10	13.70	132	2.6	5.7	5.5	

Boysen Reservoir Watershed

Buffalo Bill Reservoir Watershed

SWE in inches 1

Snotel Stations (Elevation)	Water Content	30 Yr. Avg. ²
, , , , , ,		
Burroughs Creek (8,750)	10.1	3.4
Hobbs Park (10,100)	15.2	10.1
Kirwin (9,800)	9.2	5.5
Little Warm (9,620)	0.0	1.9
Togwotee Pass (9,580)	28.5	21.9
Townsend Creek (8,700)	0.0	1.7
Younts Peak (8,350)	10.9	7.0
Watershed Average	10.56	7.36

		SWE in inches 1
Snotel Stations	Water	30 Yr.
(Elevation)	Content	Avg. ²
Blackwater (9,780)	31.2	24.7
Evening Star (9,200)	29.2	26.7
Marquette (8,760)	7.0	4.2
Sylvan Lake (8,420)	19.3	11.4
Sylvan Road (8,120)	0.0	0.0
Togwotee Pass (9,580)	28.5	21.9
Younts Peak (8,350)	10.9	7.0
Watershed Average	18.01	13.70

Bull Lake Reservoir Watershed

SWE in inches ¹

Snotel Stations	Water	30 Yr.
(Elevation)	Content	Avg. ²
Elkhart Park (8,400)	0.0	3.3
Hobbs Park (10,100)	15.2	10.1
Little Warm (9,620)	0.0	1.9
Watershed Average	5.07	5.10

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 June 1, 2008, water supply forecast indicates average April - July runoff can be expected to enter Bull Lake while above average April - July runoff is expected at all other forecast points.

(1000 acre-feet)

	II	(1000 acre-re-									
	June	1, 2008 Fo	recast	30 Yr.		Comparative Actual					
Forecast	of A	pril-July Ru	unoff ³	April-July	Expected	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	120	140	160	139.7	100	103	121	155	117		
Reservoir	120	140	100	155.7	100	103	121	133	117		
Wind River above	440	490	540	401.3	122	194	282	387	294		
Bull Lake Creek	770	430	340	401.5	122	134	202	307	234		
Boysen	630	710	790	552.2	129	211	201	589	321		
Reservoir	000	710	100	332.E	123	2	201	555	021		
Buffalo Bill	800	875	950	644.0	136	427	546	513	387		
Reservoir	000	0/0	550	044.0	130	721	340	313	007		

The probability is estimated to be 9 chances in 10 that the actual volume will fall between the reasonable minimum and reasonable maximum.
 Average is based on the 1978-2007 period.
 Actual inflows are as follows:

May (kaf) 25.4 71 128.8 April (kaf) 1.4 15.1 28.7 **Bull Lake** Wind River above Bull Lake Creek Boysen Buffalo Bill 21.3 186.8

(1000 acre-feet)

							1000 acre-leet)		
Forecast Points	June 1, 2008 Forecast of April-July Runoff Chance of Exceeding								
	95%	75%	50%	% of Avg	25%	5%	Avg. 1		
Bull Lake Reservoir	120	132	140	100	148	160	139.7		
Wind River above Bull Lake Creek	440	470	490	122	510	540	401.3		
Boysen Reservoir	630	677	710	129	743	790	552.2		
Buffalo Bill Reservoir	800	844	875	136	906	950	644.0		

¹ Average is based on the 1978-2007 period.

BIGHORN RIVER BASIN GENERATION

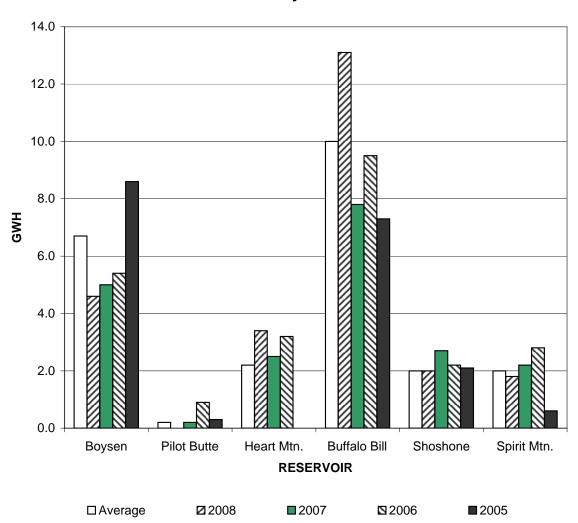
Generation was average or greater at Heart Mountain, Buffalo Bill, and Shoshone Powerplants.

(Energy in giga-watt hours)

	Gro	May oss Genera	tion	May Historical Generation			Accumulated Gross Gen. (October-May)		
Powerplant	W. Yr. 2008	Avg.	% of Avg.	W. Yr. 2007	W. Yr. 2006	W. Yr. 2005	W. Yr. 2008	Avg.	% of Avg.
Boysen ¹	4.6	6.7	69	5.0	5.4	8.6	15.5	39.1	40
Pilot Butte ²	0.0	0.2	0	0.2	0.9	0.3	0.7	0.4	175
Heart Mtn. ³	3.4	2.2	155	2.5	3.2	0.0	4.6	3.4	135
Buffalo Bill ³	13.1	10.0	131	7.8	9.5	7.3	19.1	28.1	68
Shoshone ³	2.0	2.0	100	2.7	2.2	2.1	12.4	12.3	101
Spirit Mtn. ⁴	1.8	2.0	90	2.2	2.8	0.6	2.8	3.1	90

Average is based on the 1978-2007 period.

BIGHORN RIVER BASIN GROSS GENERATION May



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.