

Natural Resources Conservation Service

Wyoming Basin Outlook Report May 1, 2007



Basin Outlook Reports

And Federal - State - Private Cooperative Snow Surveys

For more water supply and resource management information, contact:

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How forecasts are made

Most of the annual streamflow in the western United States originates as snowfall that has accumulated in the mountains during the winter and early spring. As the snowpack accumulates, hydrologists estimate the runoff that will occur when it melts. Measurements of snow water equivalent at selected manual snow courses and automated SNOTEL sites, along with precipitation, antecedent streamflow, and indices of the El Niño / Southern Oscillation are used in computerized statistical and simulation models to prepare runoff forecasts. These forecasts are coordinated between hydrologists in the Natural Resources Conservation Service and the National Weather Service. Unless otherwise specified, all forecasts are for flows that would occur naturally without any upstream influences.

Forecasts of any kind, of course, are not perfect. Streamflow forecast uncertainty arises from three primary sources: (1) uncertain knowledge of future weather conditions, (2) uncertainty in the forecasting procedure, and (3) errors in the data. The forecast, therefore, must be interpreted not as a single value but rather as a range of values with specific probabilities of occurrence. The middle of the range is expressed by the 50% exceedance probability forecast, for which there is a 50% chance that the actual flow will be either above or below, the predicted value. To describe the expected range around this 50% value, four other forecasts are provided, two smaller values (90% and 70% exceedance probability) and two larger values (30%, and 10% exceedance probability). For example, there is a 90% chance that the actual flow will be more than the 90% exceedance probability forecast. The others can be interpreted similarly.

The wider the spread among these values, the more uncertain the forecast is. As the season progresses, forecasts become more accurate, primarily because a greater portion of the future weather conditions become known; this is reflected by a narrowing of the range around the 50% exceedance probability forecast. Users should take this uncertainty into consideration when making their operational decisions. If users anticipate receiving a lesser supply of water, or if they wish to increase their chances of having an adequate supply of water for their operations, they may want to base their decisions on the 90% or 70% exceedance probability forecasts, or something in between. On the other hand, if users are concerned about receiving too much water (for example, threat of flooding), they may want to base their decisions on the 30% or 10% exceedance probability forecasts, or something in between. Regardless of the forecast value users choose for operations, they should be prepared to deal with either more or less water. (Users should remember that even if the 90% exceedance probability forecast is used, there is still a 10% chance of receiving less than this amount.) By using the exceedance probability information, users can easily determine the chances of receiving more or less water.

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Wyoming Water Supply Outlook Report

General

Generally, the snow water equivalent (SWE) across Wyoming is below average for this time of the year. SWE for the State of Wyoming as a whole is 60% of average for early May. Precipitation for last month in the basins varied from 41% to 149% of average for the various basins in the State. Year-to-date precipitation is also below average for the year and varies from 50-110% of average in the basins. Basin reservoir levels across Wyoming vary from 33-188% of average for an overall average of 100%. Forecasted runoff varies from 26-91% of average across Wyoming for an overall average of 61%.

Snowpack

Snow water equivalent (SWE), across Wyoming is below average for this time of year at 72%. SWE in the NW portion of Wyoming is now about 55% of average (66% of last year). The NE Wyoming SWE is currently about 82% of average (144% of last year). The SE portion of Wyoming SWE is currently about 58% of average (70% of last year). The SW portion of Wyoming SWE is about 45% of average (50% of last year).

Precipitation

Last month's precipitation was below average across most of Wyoming. The Lower Green River Basin had the lowest precipitation for the month at 50% of average. The Yellowstone & Madison River Basins had the highest precipitation amount at 110% of average. The following table displays the major river basins and their departure from average for this month.

Basin	Departure from average	 Basin	Departure from average
Snake River Yellowstone & Madis Wind River Big Horn Shoshone & Clarks F Powder & Tongue Riv Belle Fourche & Che	-49% -21% Fork +05% ver -20%	Upper North Platte R Lower North Platte Little Snake River Upper Green River Lower Green River Upper Bear River	River -38% -41% -46% -04% -50% -36%

Streams

Stream flow yield is expected to be below average across Wyoming. Most probable yield for the entire State of Wyoming is forecast to be at 61% (varying from 26-91% of average). The Snake River and Upper Yellowstone & Madison River Basins are expected to yield about 63 and 82% of average, respectively -- 57-82% of average for the various forecast points in the basins. Yields from the Wind and Bighorn River Basins are expected to be about 46 and 54% of average, respectively -- varying from 46-84% of average in the basins. Yields from the Shoshone and Clarks Fork River Basins of Wyoming are expected to yield about 69 & 83% of average respectively-- varying from 51-85% of average. Yields from the Powder & Tongue River Basins are expected to be about 64 & 88% of average, respectively -- varying from 57-93% of average. Yields for the Belle Fourche & Cheyenne River Basins are expected to be about 68 & 56% of average, respectively. Yields for the Upper and Lower North Platte River of Wyoming are expected to be about 53 and 44% of average, respectively --

varying from 26-67% of average. Yields for the Little Snake, Upper Green River, Lower Green River and Little Bear of Wyoming are expected to be 43, 46, 42, and 46% of average respectively -- yield estimates vary from 34-67% of average.

Reservoirs

Reservoirs on the North Platte River are well below average at 63% of average. Most of the reservoirs in the northeast are below average in storage at 59%. Reservoirs in the Wind River Basin are below average at 79%. Reservoirs on the Big Horn are below average at 93%. The Buffalo Bill Reservoir on the Shoshone is above average at 140%. Reservoirs on the Green River are above average at 108%. Reservoir storage varies across the state at this time; however, reservoir storage is at 100% of average for the entire state. See following table for further information about reservoir storage.

Major	Reservo	irc in '	XX/	vomina
Major	IXUSUI VU	11 9 111	* *	younne

-	CURRENT AS		AVERAGE AS % CAPACITY		
WYOMING AND SURROUND	 ING STATES				
ALCOVA	98	98	97	101	101
ANGOSTURA	38	47	93	41	82
BELLE FOURCHE	62	59	82	76	105
BIG SANDY	47	86	65	73	54
BIGHORN LAKE	59	57	58	101	104
BOYSEN	71	85	88	80	84
BUFFALO BILL	77	73	54	140	105
BULL LAKE	35	48	55	63	73
DEERFIELD	81	78	89	90	103
ENNIS LAKE	78	80	82	95	98
FLAMING GORGE	85	81	79	108	105
FONTENELLE	38	47	42	91	80
GLENDO	88	83	90	97	106
GRASSY LAKE	88	62	84	106	143
GUERNSEY	54	53	73	73	100
HEBGEN LAKE	75	71	67	112	106
JACKSON LAKE	80	57	56	145	141
KEYHOLE	31	38	60	52	81
PACTOLA	61	70	87	70	86
PALISADES	93	49	62	150	188
PATHFINDER	24	29	73	33	83
PILOT BUTTE	78	69	81	95	113
SEMINOE	32	40	50	63	78
SHADEHILL	38	57	80	48	67
TONGUE RIVER	75	67	40	188	112
VIVA NAUGHTON RES	107	62	67	158	171
WHEATLAND #2	42	57	60	69	73
WOODRUFF NARROWS	100	100	67	149	100
TOTAL OF 28 RESERVO	IRS 69	63	69	100	109

Raw KAF Totals Current= 9145 Last Year= 8402 Average= 9123 Capacity= 13288

May 2007

SNOW COURSE	ELEVATIO	N DATE	SNOW DEPTH	WATER CONTENT	LAST YEAR	AVERAGE 71-00
WYOMING Snow Course and	d SNOTEL	Stations				
ALBANY	9400	4/30/07	25	9.3	7.3	12.3
ALBANY BALD MOUNTAIN SNOTEI BASE CAMP SNOTEL	9380	5/01/07	64	22.1	14.9	23.6 12.3
BASE CAMP SNOTEL	7030	5/01/07		.0	10.1	12.3
BATTLE MTN. SNOTEL BEARLODGE DIVIDED BEARTOOTH LK. SNOTE	7440	5/01/07		.0	.0	4.6
BEARLODGE DIVIDE	4680	4/30/07	0	.0	.0	. 4
BEARTOOTH LK. SNOTE	9280	5/01/07	62	21.3	23.6	25.9
BEAR TRAP SNOTEL BIG GOOSE SNOTEL BIG PARK BIG SANDY SNOTEL	8200	5/01/07	6	1.4 7.9	.0	2.5
BIG GOOSE SNOTEL	7760	5/01/07	19	7.9		
BIG PARK	8620	4/26/07 5/01/07	42	15.8	20.1 10.8	19.6
BIG SANDY SNOTEL	9080	5/01/07	14	5.4		
BLACKWATER SNOTEL BLIND BULL SNOTEL BLIND PARK SNOTEL BLUE RIDGE BONE SPGS. SNOTEL	9780	5/01/07	64	21.9 22.7 .0	24.4	
BLIND BULL SNOTEL	8900	5/01/07	57	22.7	28.7	
BLIND PARK SNOTEL	6870	5/01/07	0	. 0	2.3	4.0
BLUE RIDGE	9620	5/01/07 5/01/07		5.0E	5.3	12.5
BONE SPGS. SNOTEL	9350	5/01/07	53	18.2	13.9	18.3
BROOKLYN LK. SNOTEL	10220	5/01/07	55	20.1	24.3	28.2
BUCK CREEK BURGESS JCT. SNOTEL	7960	4/29/07	16	6.7	7.2	9.6
BURGESS JCT. SNOTEL	7880	5/01/07	35	12.1	9.9	
BURROUGHS CRK SNOTE	8750	5/01/07 5/01/07	31	11.0 7.7	13.5 10.8	13.6
CANYON SNOTEL	8090	5/01/07	19	7.7		11.3
CASPER MTN. SNOTEL	7850	5/01/07	17	7.3	12.0	17.1
CASTLE CREEK	8400	4/24/07	0	. 0	.0	2.4
CCC CAMP	7000	4/26/07	0	.0	5.7	8.0
CANYON SNOTEL CASPER MTN. SNOTEL CASTLE CREEK CCC CAMP CHALK CK #1 SNOTEL CHALK CK #2 SNOTEL CINNABAR PARK SNOTEL CLOUD PEAK SNOTEL	9100	5/01/07	32	11.7	27.9	25.3
CHALK CK #2 SNOTEL	8200	5/01/07	8	3.4	11.3	12.0
CINNABAR PARK SNOTE	J 9690	5/01/07	39	17.6	19.7	11.5 16.2
CLOUD PEAK SNOTEL	9850	5/01/07	38	14.9	12.6	16.2
COLE CANYON SNOTEL COLD SPRINGS SNOTEL COTTONWOOD CR SNOTE	5910	5/01/07	0	. 0	2.0	5.0
COLD SPRINGS SNOTEL	9630	5/01/07	U	.0	21 0	4.8
COTTONWOOD CR SNOTEL CROW CREEK SNOTEL DARBY CANYON DEER PARK SNOTEL DITCH CREEK	7 //00	5/01/07		11.7	21.9	5.4
CROW CREEK SNOIEL	0030	5/01/07 5/02/07	2.2	10 4	.0 26.0	24.6
DARBI CANION	0230	5/02/07		0.7	20.U	10 6
DEEK PARK SNOIEL	9700 6970	5/01/07 4/26/07	0	9.7 .0	13.7	10.0
DIVIDE PEAK SNOTEL	8860	5/01/07	23	10 8	.0 13.9	19.3
DOME LAKE SNOTEL	8880	5/01/07	31	10.0	6 4	13.5
DOME LAKE SNOTEL DU NOIR	8760	4/26/07	2	10.9 .7	6.4 1.1	6.3
EAST RIM DIV SNOTEL	7930	5/01/07		. ,	2 9	13.1
EAST RIM DIV SNOTEL ELBO RANCH	7100	5/01/07	0	0		9 5
ELBO RANCH ELKHART PARK SNOTEL	9400	5/01/07		9.2	12.6	12.8
EVENING STAR SNOTEL	9200	5/01/07	55	21.2	25.3	33.3
EVENING STAR SNOTEL FOXPARK	9060	4/30/07	3	1.4	25.3 .7	5.3
GEYSER CREEK	8500	4/26/07	5	1.4	.8	5.4
GLADE CREEK	7040	5/09/07	0	.0	18.6	20.1
GRAND TARGHEE SNOTE		5/01/07	89	41.9		
GRANITE CRK SNOTEL	6770	5/01/07		2.0	13.2	12.8
GRANNIER MEADOWS	8860	4/25/07	27	6.4	9.7	14.6
GRASSY LAKE SNOTEL	7270	5/01/07	44	18.5	35.6	33.4
GRAVE SPRINGS SNOTE	8550	5/01/07	17	5.9	6.6	11.1
GREYS BOUNDARY	5720	4/26/07	0	.0	.8	2.6
GROS VENTRE SNOTEL	8750	5/01/07	22	8.1	10.5	13.3
GROVER PARK DIVIDE	7000	4/25/07	0	.0	1.5	6.4
HAIRPIN TURN	9480	4/30/07	26	10.8	13.4	15.6
HANSEN S.M. SNOTEL	8360	5/01/07	6	1.3	.0	4.9
HAMS FORK SNOTEL	7840	5/01/07		.0	6.3	6.0
HASKINS CREEK	8980	4/30/07	51	20.4	34.1	31.6
HOBACK GS	6640	4/25/07	0	.0	1.2	
HOBBS PARK SNOTEL	10100	5/01/07	32	12.0	10.6	18.0

INDIAN CREEK SNOTEL	9430	5/01/07		15.5	31.8	28.3
JACKPINE CREEK	7350	5/02/07	15	6.4	20.5	19.2
KELLEY R.S. SNOTEL	8180	5/01/07		6.8	14.2	14.1
KENDALL R.S. SNOTEL	7740	5/01/07	0	. 0	4.1	10.0
KIRWIN SNOTEL	9550	5/01/07	32	10.6	9.3	13.0
LAKE CAMP	7780	5/01/07		3.4E	6.6	7.5
LA PRELE SNOTEL	8380	5/01/07	1	.9	.0	7.1
LARSEN CREEK	9020	4/24/07	9	2.5		10.9
LEWIS LAKE SNOTEL	7850	5/01/07	38	18.0	42.6	34.6
LEWIS LAKE DIVIDE	7850	4/30/07	0	. 0	46.4	42.3
			3			
LIBBY LODGE	8750	4/30/07		.6	3.8	8.3
LITTLE BEAR RUN	6240	4/27/07	0	.0		
LITTLE WARM SNOTEL	9370	5/01/07	14	4.9	4.1	11.1
LOOMIS PARK SNOTEL	8240	5/01/07		1.7	12.2	14.3
LUPINE CREEK	7380	4/26/07	0	. 0	. 0	5.8
MALLO	6420	4/27/07	0	.0	4.1	
MARQUETTE SNOTEL	8760	5/01/07	3	1.9	. 0	11.3
MEDICINE LODGE LAKES	9340	4/26/07	24	5.0	7.5	11.9
MIDDLE FORK	7420	4/25/07	0	.0	.1	4.7
MIDDLE POWDER SNOTEL	7760	5/01/07	30	10.6	11.5	14.3
MOSS LAKE	9800	4/26/07	49	18.4	19.0	25.8
NEW FORK SNOTEL	8340	5/01/07	4	2.5	4.1	8.4
NORRIS BASIN	7500	5/01/07		1.6E	2.6	6.8
NORTH BARRETT CREEK	9400	4/26/07	49	17.4	23.3	22.7
NORTH FRENCH SNOTEL	10130	5/01/07		25.3	33.8	34.5
NORTH RAPID CK SNTL	6130	5/01/07	0	. 0	2.6	3.8
NORTH TONGUE	8450	4/30/07	40	12.5	8.9	13.3
OLD BATTLE SNOTEL	9920	5/01/07	68	25.5	41.5	36.9
OLD FAITHFUL	7400	5/02/07	0	.0	6.2	9.3
ONION GULCH	8780	4/28/07	20	6.9	4.7	8.4
OWL CREEK SNOTEL	8980	5/01/07	0	.0	.0	4.0
	9400		50	18.9		24.5
PARKERS PEAK SNOTEL		5/01/07			21.4	
PHILLIPS BNCH SNOTEL	8200	5/01/07	32	14.0	31.3	29.4
POCKET CREEK	9350	4/24/07	24	8.9	16.3	13.8
POLE MOUNTAIN	8700	4/27/07	12	3.7	.5	5.0
POWDER RVR.PASS SNTL	9480	5/01/07	21	7.9	5.0	10.7
PURGATORY GULCH	8970	4/26/07	25	8.4	8.0	11.2
RANGER CREEK	8120	4/26/07	18	4.1	3.9	7.6
RENO HILL SNOTEL	8500	5/01/07	24	10.6	11.8	14.7
REUTER CANYON	6280	4/30/07	0	.0	6.4	3.6
ROWDY CREEK	8300	4/25/07	40	14.5	21.7	21.1
RYAN PARK	8400	4/26/07	0	. 0	1.9	7.2
SAGE CK BASIN SNTL	7850	5/01/07	0	. 0	.0	11.2
SALT RIVER SNOTEL	7600	5/01/07		2.6	9.5	10.6
SAND LAKE SNOTEL	10050	5/01/07	75	28.1	32.3	37.0
SANDSTONE RS SNOTEL	8150	5/01/07	0	. 0	3.6	9.5
SAWMILL DIVIDE	9260	4/30/07	46	14.1	9.4	15.1
SHELL CREEK SNOTEL	9580	5/01/07	53	16.4	15.4	16.8
SHERIDAN R.S.	7750	4/25/07	2	.5	1.1	3.3
SNAKE RV STA SNOTEL	6920	5/01/07	0	.0	9.7	12.2
SNIDER BASIN SNOTEL	8060	5/01/07	14	5.2	13.9	12.6
SOLDIER PARK	8780	4/28/07	13	4.7	.0	6.3
SOUR DOUGH	8460	4/28/07	20	6.8	2.5	7.4
SOUTH BRUSH SNOTEL	8440	5/01/07	0			11.1
				.0	1.0	
SOUTH PASS SNOTEL	9040	5/01/07	24	8.0	13.1	18.0
SPRING CRK. SNOTEL	9000	5/01/07	55	20.0	33.9	28.6
ST LAWRENCE ALT SNTL	8620	5/01/07	0	.0	.0	6.1
SUCKER CREEK SNOTEL	8880	5/01/07	36	12.5	7.6	13.1
SYLVAN LAKE SNOTEL	8420	5/01/07	29	14.2	17.5	23.8
SYLVAN ROAD SNOTEL	7120	5/01/07	0	.0	1.7	8.1
T CROSS RANCH	7900	4/24/07	0	.0	. 7	3.3
TETON PASS W.S.	7740	5/01/07	30	13.0	30.8	27.5
			9		12.6	
THUMB DIVIDE SNOTEL	7980	5/01/07		3.7		14.9
TIE CREEK SNOTEL	6870	5/01/07	0	. 0	. 0	3.9
TIMBER CREEK SNOTEL	7950	5/01/07	1	.9	.0	4.8
TOGWOTEE PASS SNOTEL	9580	5/01/07	54	18.5	26.0	27.9
TOWNSEND CRK SNOTEL	8700	5/01/07	5	2.8	.0	9.1
TOTAL CITIC DINOTHE	3,00	5,01/0/	5	۵.0	. 0	J • ±

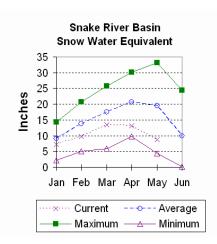
TRIPLE PEAK SNOTEL	8500	5/01/07	34	13.5	25.2	23.7
TWO OCEAN SNOTEL	9240	5/01/07		26.6	41.0	31.8
TYRELL RANGER STA.	8300	4/28/07	17	4.6	2.1	6.1
UPPER SPEARFISH	6500	4/27/07	0	.0	5.2	
WEBBER SPRING SNOTEL	9250	5/01/07	30	12.2	22.1	25.1
WHISKEY PARK SNOTEL	8950	5/01/07	36	16.0	35.7	30.5
WILLOW CREEK SNOTEL	8450	5/01/07		16.3	31.6	30.6
WINDY PEAK SNOTEL	7900	5/01/07	0	1.2	.0	4.9
WOLVERINE SNOTEL	7650	5/01/07	0	.0	.0	7.2
WOOD ROCK G.S.	8440	4/30/07	32	9.2	5.0	11.5
YOUNTS PEAK SNOTEL	8350	5/01/07	26	10.0	13.7	18.1

Snake River Basin

Snow

The Snake River Basin snow water equivalent (SWE) is still below average. SWE in the Snake River Basin above Jackson Lake is 45% of average (42% of last year). Pacific Creek Basin SWE is 60% of average (52% of last year). Gros Ventre River Basin SWE is 65% of average (73% of last year). SWE in the Hoback River drainage is 42% of average (51% of last year). SWE in the Greys River drainage is 64% of average (60% of last year). In the Salt River area SWE is 41% of average (44% of last year). SWE in the Snake River Basin above Palisades is 46% of average (46% of last year). See the Basin Summary of Snow Courses at the beginning of this report for a detailed listing of snow

course information.



Precipitation

Precipitation across the basin was below average last month. Monthly precipitation for the basin was 89% of average (97% of last year) for the 16 reporting stations. Last month's percentages range from 67-109% of average. Water-year-to-date precipitation is 80% of average for the Snake River Basin (75% of last year). Year-to-date percentages range from 75-92% of average.

Reservoir

Currently, reservoir

storage is 148% of average for the three storage reservoirs in the basin. Grassy Lake storage is about 106% of average (13,400 acft compared to 9,400 last year). Jackson Lake storage is 145% of average (681,200 ac-ft compared to 482,100 ac-ft last year). Palisades Reservoir storage is about 150% of average (1,297,700 ac-ft compared to 691,200 ac-ft last year). Detailed reservoir data is shown on the following page and on the reservoir storage summary at the beginning of this report.



Streamflow

The 50% exceedance forecasts for May through September are below average for the basin. The Snake near Moran is 565,000

ac-ft (67% of average). Snake above reservoir near Alpine is 1,720,000 ac-ft (68% of average). The Snake near Irwin is 2,240,000 ac-ft (64% of average). The Snake near Heise is 2,380,000 ac-ft (63% of average). Pacific Creek at Moran is 109,000 ac-ft (65% of average). Greys River above Palisades Reservoir is 210,000 ac-ft (59% of average). Salt River near Etna is 205,000 ac-ft (57% of average). See the following page for detailed runoff volumes.

SNAKE RIVER BASIN Streamflow Forecasts - May 1, 2007

=========		=======	=======		=======	=======	:=======
	<=== Dr	ier ===	Future Co	onditions	=== Wett	er ===>	
						İ	
Forecast Pt	======	======	Chance of	Exceeding	y * =====	======	
Forecast	90%	70%	50)용	30%	10%	30 Yr Avg
Period	(1000AF)	(1000AF)	(1000AF)	(% AVG.)	(1000AF)	(1000AF)	(1000AF)
SNAKE nr Mora	an (1,2)						
MAY-JUL	390	460	505	67	550	620	750
MAY-SEP	435	515	565	67	615	695	840
SNAKE ab res	v nr Alpin	e(1,2)					
MAY-JUL	1200	1380	1460	68	1540	1720	2160
MAY-SEP	1410	1620	1720	68	1820	2030	2530
SNAKE nr Irw							
MAY-JUL	1510	1780	1910	64	2040	2310	2980
MAY-SEP	1780	2100	2240	64	2380	2700	3520
SNAKE near He	eise (2)						
MAY-JUL	1660	1860	2000	63	2140	2340	3170
MAY-SEP	1990	2220	2380	63	2540	2770	3760
PACIFIC CREEK	K at Moran						
MAY-JUL	65	86	101	63	116	137	160
MAY-SEP	72	94	109	65	124	146	167
GREYS above I	Palisades						
MAY-JUL	134	160	177	59	194	220	300
MAY-SEP	162	190	210	59	230	260	355
SALT near Et							
MAY-JUL	88	131	160	57	189	230	280
MAY-SEP	125	172	205	57	240	285	360
=========		=======			:=======	========	========

- * 90%, 70%, 50%, 30%, and 10% chances of exceeding are the probabilities that the actual volume will exceed the volumes in the table. The average is computed for the 1971-2000 base period.
- (1) The values listed under the 10% and 90% Chance of Exceeding are actually 5% and 95% exceedance levels.
- (2) The value is natural volume actual volume may be affected by upstream water management.
- (3) Median value used in place of average. The value listed under 30% is actually a 25% exceedance level. The value listed under 70% is actually a 75% exceedance level. Forecast issued in cooperation with Alberta Environment.

SNAKE RIVER BASIN Reservoir Storage (1000AF) End of April

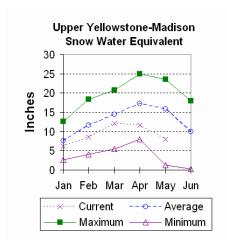
Reservoir	Usable	*******	Usable Storage	******
	Capacity	This Year	Last Year	Average
GRASSY LAKE	15.2	13.4	9.4	12.7
JACKSON LAKE	847.0	681.2	482.1	471.1
PALISADES	1400.0	1297.7	691.2	862.6
=======================================	=========	========	==========	

SNAKE RIVER BASIN

=======================================		- :====================================	=========
	Number of	This Year as Po	
Watershed	Data Sites	Last Year	Average
=======================================		:==========	========
SNAKE above Jackson Lake	6	42	45
PACIFIC CREEK	2	52	60
GROS VENTRE RIVER	3	67	52
HOBACK RIVER	5	51	42
GREYS RIVER	5	60	65
SALT RIVER	5	44	41
SNAKE above Palisades	23	46	45

Upper Yellowstone & Madison River Basins

Snow



Snowfall in these basins has been low so far this year and the SWE in both basins is below average for this month. Snow water equivalent (SWE) is about 45% of average (43% of last year) in the Madison drainage. SWE in the Yellowstone drainage is about 61% of average (67% of last year at this time). See the "Snow Course Basin Summary" at the beginning of this document for more details on specific sites.

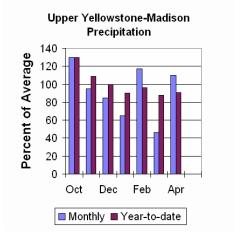
Precipitation

Last month precipitation in the Upper Yellowstone and Madison drainages were about 110% of average (109% of last year) for the 5 reporting stations -- percentages range from 88-139% of average. Water-year-to-date precipitation

is about 91% of average (89% of last year's amount). Year to date percentage ranges from 78-107%.

Reservoir

Ennis Lake is storing about 32,100 ac-ft of water (78% of capacity, 95% of average or 98% of last year's volume). Hebgen Lake is storing about 284,700 ac-ft of water (75% of capacity, 112% of average or 106% of last year's volume. Detailed reservoir data is shown on the following page and on the reservoir storage summary at the beginning of this report.



Streamflow

All the following yields are the 50% exceedance forecasts from May through September. Yellowstone at Lake Outlet is

565,000 ac-ft (73% of average). Yellowstone at Corwin Springs will yield around 1,530,000 ac-ft (82% of average). Yellowstone near Livingston will yield around 1,760,000 ac-ft (82% of average). Hebgen Reservoir inflow is 335,000 ac-ft (76% of average). See the following page for detailed runoff volumes.

UNDER VILLONGEONE C MADICON DIVIDE DAGING

UPPER YELLOWSTONE & MADISON RIVER BASINS Streamflow Forecasts - May 1, 2007

	<=== Dr	ier ===	Future Co	nditions	=== Wett	er ===>	
Forecast Pt Forecast Period		70% (1000AF	Chance of 50 (1000AF)	% (% AVG.)	30% (1000AF)	10%	
YELLOWSTONE &							
MAY-JUL MAY-SEP	325 475	380 530	415 565	75 73	450 600	505 655	555 770
YELLOWSTONE 1	RIVER at C	orwin Sr	orings				
MAY-JUL	1060	1190	1270	82	1350	1480	1550
MAY-SEP	1290	1430	1530	82	1630	1770	1870
YELLOWSTONE 1	RIVER near	Livings	ston				
MAY-JUL	1260	1370	1450	82	1530	1640	1770
MAY-SEP	1530	1670	1760	82	1850	1990	2150
HEBGEN Reser	voir Inflo	W					
MAY-JUL	189	220	245	74	270	300	330
MAY-SEP	270	310	335	76	360	400	440

^{* 90%, 70%, 50%, 30%,} and 10% chances of exceeding are the probabilities that the actual volume will exceed the volumes in the table.

The average is computed for the 1971-2000 base period.

- (1) The values listed under the 10% and 90% Chance of Exceeding are actually 5% and 95% exceedance levels.
- (2) The value is natural volume actual volume may be affected by upstream water management.
- (3) Median value used in place of average. The value listed under 30% is actually a 25% exceedance level. The value listed under 70% is actually a 75% exceedance level. Forecast issued in cooperation with Alberta Environment.

UPPER YELLOWSTONE & MADISON RIVER BASINS

Reservoir Storage (1000AF) End of April

Reservoir	Usable Capacity	********* This Year	Usable Storage Last Year	******* Average
ENNIS LAKE HEBGEN LAKE	41.0 377.5	32.1 284.7	32.8 268.1	33.8 254.6
		========	===========	========

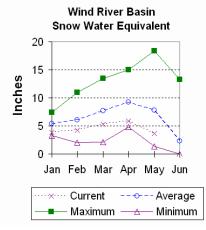
UPPER YELLOWSTONE & MADISON RIVER BASINS Watershed Snowpack Analysis - May 1, 2007

Watershed	Number of Data Sites	This Year as I Last Year	Percent of Average
MADISON RIVER in WY YELLOWSTONE RIVER in WY	8 11	:=====================================	48 61
=======================================	============	:==========	=========

Wind River Basin

Snow

The Wind River Basin is about ½ of what it should be for average snow water equivalent (SWE) for this time of the year. SWE in the Wind River above Dubois is 52% of average (79% of last year at this time). The Little Wind SWE is 50% of average water content (113% of last year), and the Popo Agie drainage SWE is about 46% of average (81% of last year). The Wind River Basin, above Boysen Reservoir SWE is about 47% of average (83% of last year). See the Basin Summary of Snow Course Data at the front of this report for details.



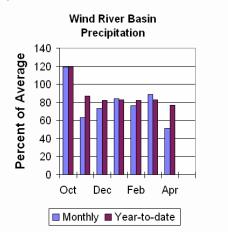
Precipitation

Last months precipitation in the basin varied from 21-95% of average. Precipitation, for the basin, was about 51% of average from the 8 reporting stations; that is about 99% of last year's amount. Water year-to-date precipitation is 77% of average and about 93% of last year at this time. Year-to-date percentages range from 67-84% of average.

Reservoirs

Current storage varies from 63-95% of average. Usable storage

in Bull Lake is currently about 53,000 ac-ft (35% of capacity) - last year the reservoir was at 48% of capacity at this time. Boysen Reservoir is storing about 71% of capacity (422,300 ac-ft) – last year the reservoir was at 85% of capacity at this time. Pilot Butte is at 78% of capacity (24,500 ac-ft) – last year the reservoir was at 69% of capacity at this time. Detailed reservoir data is shown on the following page and on the reservoir storage summary at the beginning of this report.



Streamflow

Water supply is estimated to be below average this year. The following values reflect the 50% exceedance forecasts for the May through September runoff period. Dinwoody Creek near Burris is 72,000 ac-ft (78% of average). The Wind River above Bull Lake Creek is 360,000 ac-ft (71% of average). Bull Lake Creek near Lenore is 109,000 ac-ft (61% of average). Wind River at Riverton will yield around 325,000 ac-ft (53% of average). Little Popo Agie River near Lander is around 28,000 ac-ft (57% of average). South Fork of Little Wind near Fort Washakie will yield around 57,000 ac-ft (70% of average). Little Wind River near Riverton will yield around 150,000 ac-ft (52% of average). Boysen Reservoir inflow will yield around 345,000 ac-ft (46% of average). See the following page for detailed runoff volumes.

WIND RIVER BASIN Streamflow Forecasts - May 1, 2007

=========		.=======			========	=======	========
	<=== Dr	rier === 1	Future C	onditions	=== Wett	er ===>	
Forecast Pt	======	======	Chance of	Exceeding	* =====	======	
Forecast	90%	70%	5	0%	30%	10%	30 Yr Avg
Period	(1000AF)	(1000AF)	(1000AF)	(% AVG.)	(1000AF)	(1000AF)	(1000AF)
=========			=======	=======	======	=======	=======
DINWOODY CRE							
MAY-JUL		44	48	74	52	57	65
MAY-SEP		67	72	78	77	85	93
WIND RIVER al		, ,					
MAY-JUL	190	245	280		315	370	410
MAY-SEP	260	320	360	71	400	460	510
BULL LAKE CR		- ()					
	0.5	79	90	63	101	117	144
MAY-SEP	77	96	109	61	122	141	178
WIND RIVER at		` '					
MAY-JUL	108	210	280	55	350	450	510
MAY-SEP	147	255	325	53	395	505	610
LT POPO AGIE		Lander					
MAY-JUL	7.7	16.8	23	54	29	38	43
MAY-SEP	11.8	22	28	57	35	44	49
SF LT WIND n	r Fort Was	shakie					
MAY-JUL	31	42	50	71	58	69	70
MAY-SEP	37	49	57	70	65	77	81
LT WIND RIVE	R nr River	rton					
MAY-JUL	8.0	79	130	51	176	250	255
MAY-SEP	20	96	150	52	200	280	290
BOYSEN RESERV	JOIR Inflo	w (2)					
MAY-JUL	73	215	310	47	405	545	665
MAY-SEP	86	240	345	46	450	605	758
========		.=======	=======	========	======	=======	========

- * 90%, 70%, 50%, 30%, and 10% chances of exceeding are the probabilities that the actual volume will exceed the volumes in the table.
 - The average is computed for the 1971-2000 base period.
- (1) The values listed under the 10% and 90% Chance of Exceeding are actually 5% and 95% exceedance levels.
- (2) The value is natural volume actual volume may be affected by upstream water management.
- (3) Median value used in place of average. The value listed under 30% is actually a 25% exceedance level. The value listed under 70% is actually a 75% exceedance level. Forecast issued in cooperation with Alberta Environment.

WIND RIVER BASIN

Reservoir Storage (1000AF) End of April

Reservoir	Usable Capacity	******** This Year	Usable Storage Last Year	******* Average
=======================================	=========	========	==========	========
BULL LAKE	151.8	53.0	72.8	83.9
BOYSEN	596.0	422.3	504.1	526.1
PILOT BUTTE	31.6	24.5	21.7	25.7

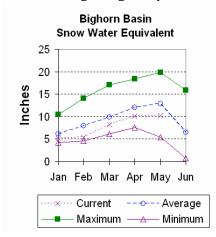
WIND RIVER BASIN

Watershed	Number of Data Sites	This Year as Pe Last Year	ercent of Average
WIND RIVER above Dubios	7	73	52
LITTLE WIND	2	113	50
POPO AGIE	7	81	46
WIND above Boysen Resv	14	79	47

Bighorn River Basin

Snow

Snowpack in this basin is below average for this time of year. The Nowood River is at 68% of average (114% of last year). The Greybull River SWE is at 65% of average (124% of last year). Shell Creek SWE is 92% of average (126% of last year). The Bighorn River Basin SWE, as a whole, is currently 79% of average (122% of last year). For more information see Basin Summary of Snow Courses at beginning of report.



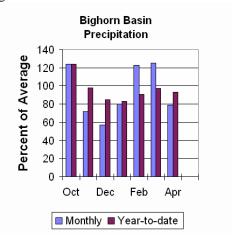
Precipitation

Last month's precipitation was 79% of average (159% of last year). Sites ranged from 53-108% of average for the month. Year-to-date precipitation is 93% of average; that is 114% of last year at this time. Year-to-date percentages, from the 9 reporting stations, range from 71-108%.

Reservoir

Boysen Reservoir is currently storing 422,300 ac-ft (80% of average).

Bighorn Lake is now at 101% of average (797,800 ac-ft). Boysen is currently storing 84% of last year volume at this time and Big Horn Lake is storing 104% of last year's volume. Detailed reservoir data is shown on the following page and on the reservoir storage summary at the beginning of this report.



Streamflow

The 50% exceedance forecasts for the May through September runoffs are anticipated to be below average. Boysen Reservoir inflow is 345,000 ac-ft (46% of average); the Greybull River near Meeteetse should yield around 135,000 ac-ft (70% of average); Shell Creek near Shell should yield around 58,000 ac-ft (84% of average) and the Bighorn River at Kane should yield around 550,000 ac-ft (54% of average). See the following page for detailed runoff volumes.

BIGHORN RIVER BASIN

Streamflow Forecasts - May 1, 2007

	<=== Dr:	ier ===	Future Cor	nditions	=== Wette	er ===>	
						İ	
Forecast Pt	=======	======	Chance of E	xceeding	* ======	====== i	
Forecast	90%	70%	50%	7	30%	10%	30 Yr Avq
Period	(1000AF)		(1000AF)	· !		(1000AF)	(1000AF)
reliou	(IUUUAL)	(IOUOAL)	(1000AF) (* AVG. / 1	(IOOOAL)	(1000AL)	(IOOOAL)
=========	:======		=======	:======			=======
BOYSEN RESERV	OIR Inflo	w (2)					
MAY-JUL	73	215	310	47	405	545	665
MAY-SEP	86	240	345	46	450	605	758
GREYBULL RIVE	R nr Meet	eetse					
MAY-JUL	61	82	96	68	111	133	141
MAY-SEP	87	116	135	70	153	182	194
	0,		100	. 0	200	102	
SHELL CREEK r	ır Shell						
MAY-JUL	34	42	47	83	52	60	57
MAY-SEP	43	52	58	84	63	72	69
PHIL DEE	13	22	50	0 1	0.5	/ 4	

54

54

590

660

735

815

1020

The average is computed for the 1971-2000 base period.

440

BIGHORN RIVER at Kane (2) MAY-JUL 255 400

285

MAY-SEP

(1) - The values listed under the 10% and 90% Chance of Exceeding are actually 5% and 95% exceedance levels.

495

550

- (2) The value is natural volume actual volume may be affected by upstream water management.
- (3) Median value used in place of average. The value listed under 30% is actually a 25% exceedance level. The value listed under 70% is actually a 75% exceedance level. Forecast issued in cooperation with Alberta Environment.

BIGHORN RIVER BASIN

Reservoir Storage (1000AF) End of April

Reservoir	Usable	*********	Usable Storage	*******
	Capacity	This Year	Last Year	Average
BOYSEN	596.0	422.3	504.1	526.1
BIGHORN LAKE	1356.0	797.8	768.1	791.9
=======================================	=========	========	===========	

BIGHORN RIVER BASIN

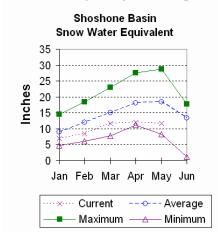
Watershed	Number of Data Sites	This Year as Pe	ercent of Average
NOWOOD RIVER GREYBULL RIVER SHELL CREEK	5 2 4	114 124 126	68 65 92
BIGHORN (Boysen-Bighorn)	11	122	79

^{* 90%, 70%, 50%, 30%,} and 10% chances of exceeding are the probabilities that the actual volume will exceed the volumes in the table.

Shoshone and Clarks Fork River Basins

Snow

Snowpack in these basins are below average for this time of year. Snow Water Equivalent (SWE) is 56% of average (84% of last year) in the Shoshone River Basin. The Clarks Fork River Basin SWE is 70% of average (80% of last year). For more information see the Basin Summary of Snow Course Data at the beginning of this report.



Precipitation

Precipitation for last month was 105% of average (158% of last year) for the 8 reporting stations. Monthly percentages range from 80-139% of average. The basin year-to-date precipitation is now 92% of average (102% of last year). Year-to-date percentages range from 82-107% of average.

Reservoir

Current storage in Buffalo Bill Reservoir is about 140% of average

(105% of last year's storage) – the reservoir is at about 77% of capacity. Currently, about 494,800 ac-ft are stored in the reservoir compared to 472,600 ac-ft last year. Detailed reservoir data is shown on the following page and on the reservoir storage summary at the beginning of this report.



Streamflow

The following values are the 50% exceedance forecasts for the May through September period. The North Fork Shoshone River at Wapiti is 410,000 ac-ft (85% of average). The South Fork of the Shoshone River near Valley is 161,000 ac-ft (63% of average), and the South Fork above Buffalo Bill Reservoir runoff is 110,000 ac-ft (51% of average). The Buffalo Bill Reservoir inflow is expected to yield around 520,000 ac-ft (69% of average). The yield for the Clarks Fork of the Yellowstone near Belfry, Montana is expected to be around 470,000 ac-ft (83% of average). See the following page for detailed runoff volumes.

SHOSHONE & CLARKS FORK RIVER BASINS

SHOSHONE & CLARKS FORK RIVER BASINS Streamflow Forecasts - May 1, 2007

======	=======	=======	=======	=======	=======	=======	========	======
	•	<=== Drie	r === Fut	ure Condi	tions ==	= Wetter	===>	
	!	====== 90%	==== Cha	nce of Exc 50%	7		!	Yr Avg
Peri	lod (10	000AF) (1000AF) (1	000AF) (%	AVG.) (10	00AF) (1		000AF)
NF SHOS	HONE RIVE	======= PD at Wan	======= i+i	=======	======	======	=======	======
MAY-		255	320	360	85	405	465	425
MAY-		310	375	410	85	450	515	485
1.172.1	DEF	310	373	410	03	430	313	403
SF SHOS	SHONE RIVE	ER nr Val	ley					
MAY-	-JUL	109	128	140	65	152	171	215
MAY-	-SEP	125	147	161	63	175	197	255
SF SHOS	SHONE RIVE	ER abv Bu	ffalo Bill					
MAY-	-JUL	53	84	105	53	126	157	200
MAY-	-SEP	53	87	110	51	133	167	215
BUFFALC	BILL DAM	M Inflow	(2)					
MAY-	-JUL	325	405	455	67	505	585	675
MAY-	-SEP	385	465	520	69	575	655	755
CLARKS	FORK RIVE	ER nr Bel	fry					
MAY-	-JUL	350	400	430	84	460	510	515
MAY-	-SEP	385	435	470	83	505	555	570

* 90%, 70%, 50%, 30%, and 10% chances of exceeding are the probabilities that the actual volume will exceed the volumes in the table.

The average is computed for the 1971-2000 base period.

- (1) The values listed under the 10% and 90% Chance of Exceeding are actually 5% and 95% exceedance levels.
- (2) The value is natural volume actual volume may be affected by upstream water management.
- (3) Median value used in place of average. The value listed under 30% is actually a 25% exceedance level. The value listed under 70% is actually a 75% exceedance level. Forecast issued in cooperation with Alberta Environment.

SHOSHONE & CLARKS FORK RIVER BASINS

Reservoir Storage (1000AF) End of April

Reservoir	Usable	*********	Usable Storage	*******
	Capacity	This Year	Last Year	Average
BUFFALO BILL	646.6	494.8 ========	472.6	352.2

SHOSHONE & CLARKS FORK RIVER BASINS Watershed Snowpack Analysis - May 1, 2007

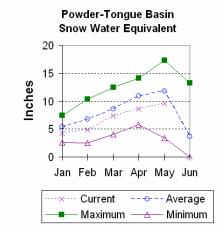
watershed Showpack Aharysis - May 1, 2007

Watershed	Number of Data Sites	This Year as Pe Last Year	ercent of Average
=======================================			
SHOSHONE RIVER	6	84	56
CLARKS FORK in WY	7	80	70
=======================================	:===========	==========	========

Powder and Tongue River Basins

Snow

Snow water equivalent (SWE) in the Upper Tongue River drainage is 87% of average (141% of last year). The Goose Creek drainage is 82% of average and 166% of last year. SWE in the Clear Creek drainage is 80% of average and 183% of last year. Crazy Woman Creek drainage is 82% of average and 177% of last year. Upper Powder River drainage SWE is 75% of average and 126% of last year. Powder River basin SWE, in Wyoming is 77% of average and 150% of last year. For more information see Basin Summary of Snow Courses at beginning of report.



Precipitation

Last month's precipitation was 80% of average for the 9 reporting stations (132% of last year). Monthly percentages range from 53-114% of average. Year-to-date precipitation is 97% of average in the basin; this is 114% of last year at this time. Precipitation for the year ranges from 71-108% of average at the reporting stations.

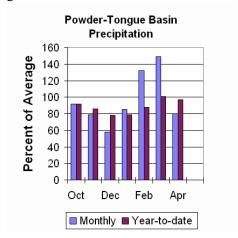
Reservoir

Tongue River Reservoir current

storage is 59,700 ac-ft compared to 53,300 ac-ft last year, which is 75% of capacity or 188% of average.



The following runoff values are the 50% probability forecasts for the May through September period. The yield for Tongue River near Dayton is 93,000 ac-ft (90% of average). Big Goose Creek near Sheridan is 53,000 ac-ft



(91% of average). Little Goose Creek near Bighorn is 37,000 ac-ft (93% of average). The Tongue River Inflow is 199,000 ac-ft (88% of average). The Middle Fork of the Powder River near Barnum is 9,400 ac-ft (57% of average). The North Fork of the Powder River near Hazelton should yield around 7,900 ac-ft (81% of average). Rock Creek near Buffalo will yield about 14,800 ac-ft (64% of average), and Piney Creek at Kearny should yield about 33,000 ac-ft (69% of average). The Powder River at Moorehead is 130,000 ac-ft (65% of average). The Powder River near Locate is 140,000 ac-ft (64% of average). See the following page for detailed runoff volumes.

POWDER & TONGUE RIVER BASINS Streamflow Forecasts - May 1, 2007

=========	=======	=======		=======			=======
					=== Wett		
Forecast Pt	=======	====== (g * =====	======	
Forecast	90%	70%	50	0%	30%	10%	30 Yr Avg
Period	(1000AF)	(1000AF)	(1000AF)	(% AVG.)	(1000AF)	(1000AF)	(1000AF)
TONGUE RIVER	nr Dayton	(2)					
MAY-JUL	55	70	80	89	90	105	90
MAY-SEP	66	82	93	90	104	120	103
BIG GOOSE CRI	EEK nr She	ridan					
MAY-JUL	24	37	45	92	53	66	49
MAY-SEP	32	44	53	91	62	74	58
LITTLE GOOSE	CREEK nr	Big Horn					
MAY-JUL	19.6	25	29	91	33	38	32
MAY-SEP	27	33	37	93	41	47	40
TONGUE RIVER	RESERVOIR	Inflow (2)				
MAY-JUL	93	142	175	88	207	257	199
MAY-SEP	111	163	199	88	234	289	225
MIDDLE FORK I	POWDER nr	Barnum					
MAY-JUL	2.5	6.2	8.7	56	11.1	14.8	15.6
MAY-SEP	3.2	6.8	9.4	57	12.0	15.8	16.6
NORTH FORK PO	OWDER nr H	azelton					
MAY-JUL	4.6	6.1	7.2	80	8.1	9.6	9.0
MAY-SEP	5.2	6.9	7.9	81	9.0	10.6	9.8
ROCK CREEK no	r Buffalo						
MAY-JUL	5.9	9.1	11.4	60	13.6	17.0	18.9
MAY-SEP	8.7	12.4	14.8	64	17.3	21	23
PINEY CREEK a	at Kearny						
MAY-JUL	6.3	20	30	68	40	14.5	44
MAY-SEP	8.7	23	33	69	43	57	48
POWDER RIVER	at Mooreh	ead					
MAY-JUL	6.0	68	110	62	152	214	178
MAY-SEP	24	87	130	65	173	234	200
POWDER RIVER	near Loca	te					
MAY-JUL	74	104	125	64	146	176	195
MAY-SEP	82	117	140	64	163	198	220

* 90%, 70%, 50%, 30%, and 10% chances of exceeding are the probabilities that the actual volume will exceed the volumes in the table.

The average is computed for the 1971-2000 base period.

- (1) The values listed under the 10% and 90% Chance of Exceeding are actually 5% and 95% exceedance levels.
- (2) The value is natural volume actual volume may be affected by upstream water management.
- (3) Median value used in place of average. The value listed under 30% is actually a 25% exceedance level. The value listed under 70% is actually a 75% exceedance level. Forecast issued in cooperation with Alberta Environment.

POWDER & TONGUE RIVER BASINS Reservoir Storage (1000AF) End of April

	Usable	******	Usable Storage	*****			
Reservoir	Capacity	This Year	Last Year	Average			
	========	========					
TONGUE RIVER	79.1	59.7	53.3	31.7			

POWDER & TONGUE RIVER BASINS Watershed Snowpack Analysis - May 1, 2007

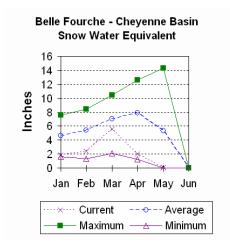
Number of This Year as Percent of Watershed Data Sites Last Year Average

Watershed	Data Sites	Last Year	Average
UPPER TONGUE RIVER	10	141	87
GOOSE CREEK	3	166	82
CLEAR CREEK	4	183	80
CRAZY WOMAN CREEK	3	177	82
UPPER POWDER RIVER	4	126	75
POWDER RIVER in WY	8	150	77

Belle Fourche and Cheyenne River Basins

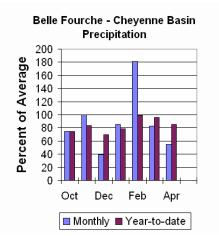
Snow

The Belle Fourche River Basin is currently melted out. See the Basin summary of Snow Course Data at the beginning of this report for a detailed listing.



Precipitation

Precipitation for last month was 55% of average or 29% of last year in the Black Hills. There were 2 reporting stations. Monthly percentages range from 37-79%. Year-to-date precipitation is 85% of average and 68% of last year's amount.



Reservoir

Current reservoir storage is around 48% of average in the basin. Angostura is currently storing 41% of average (46,800 ac-ft), about 38% of capacity. Belle Fourche reservoir is storing 76% of average (110,100 ac-ft), about 62% of capacity. Deerfield reservoir is

storing 90% of average (12,300 ac-ft), about 81% of capacity. Keyhole reservoir is storing 52% of average (60,100 ac-ft), 31% of capacity. Pactola reservoir is storing 70% of average (33,300 ac-ft), 61% of capacity. Shadehill reservoir is storing 48% of average (31,200 ac-ft), 38% of capacity. Detailed reservoir data is shown on the following page and on the reservoir storage summary at the beginning of this report.

Streamflow

The following runoff values are the 50% probability forecasts for the May through July period. The Deerfield Reservoir Inflow is 2,600 ac-ft (68% of average). Pactola Reservoir Inflow is expected to yield around 10,200 ac-ft (56% of average). See the following page for detailed runoff volumes.

BELLE FOURCHE & CHEYENNE RIVER BASINS Streamflow Forecasts - May 1, 2007

	Streamilow Forecasts - May 1, 2007							
		 :	Future Co					
	<=== Dr.	rer ===	ruture co	naitions	=== well	er ===>		
Forecast Pt	======	=====	Chance of	Exceeding	g * =====:	======		
Forecast	90%	70%	50	용	30%	10%	30 Yr Avg	
Period	(1000AF)	(1000AF)	(1000AF)	(% AVG.)	(1000AF)	(1000AF)	(1000AF)	
=========	=======	=======	=======	=======	=======	=======	========	
DEERFIELD RES	SERVOIR In:	flow						
MAY-JUL	0.3	1.7	2.6	68	3.6	5.0	3.8	
PACTOLA RESER								
MAY-JUL	2.7	6.6	10.2	56	14.6	23	18.2	

^{* 90%, 70%, 50%, 30%,} and 10% chances of exceeding are the probabilities that the actual volume will exceed the volumes in the table.

The average is computed for the 1971-2000 base period.

- (1) The values listed under the 10% and 90% Chance of Exceeding are actually 5% and 95% exceedance levels.
- (2) The value is natural volume actual volume may be affected by upstream water management.
- (3) Median value used in place of average. The value listed under 30% is actually a 25% exceedance level. The value listed under 70% is actually a 75% exceedance level. Forecast issued in cooperation with Alberta Environment.

_____.....

BELLE FOURCHE & CHEYENNE RIVER BASINS Reservoir Storage (1000AF) End of April

		========		
	Usable	******	Usable Storage	*****
Reservoir	Capacity	This Year	Last Year	Average
=======================================		=========		========
ANGOSTURA	122.1	46.8	56.8	113.7
BELLE FOURCHE	178.4	110.1	105.3	145.7
DEERFIELD	15.2	12.3	11.9	13.6
KEYHOLE	193.8	60.1	74.5	115.8
PACTOLA	55.0	33.3	38.7	47.9
SHADEHILL	81.4	31.2	46.4	65.2
=======================================	========	=========		========

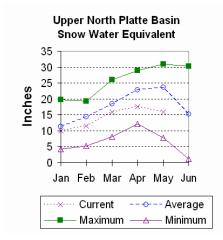
BELLE FOURCHE & CHEYENNE RIVER BASINS Watershed Snowpack Analysis - May 1, 2007

	Number of	This Year as Per	cent of					
Watershed	Data Sites	Last Year	Average					
	=======================================	==========	========					
BELLE FOURCHE	5	0	0					

Upper North Platte River Basin

Snow

Snowpack in this basin is below average for this time of year. SWE in the North Platte drainage area above Northgate is about 75% of average and 82% of last year at this time. SWE in the Encampment River drainage is about 60% of average and 58% of last year. Brush Creek SWE for the year is about 60% of average and 77% of last year's SWE. Medicine Bow and Rock Creek drainages SWE are about 73% of average and 88% of last year at this time. SWE in the North Platte River Basin above Seminoe Reservoir is showing about 67% of average for this time of the year (75% of last year). For more information see Basin Summary of Snow Courses at the beginning of this report.



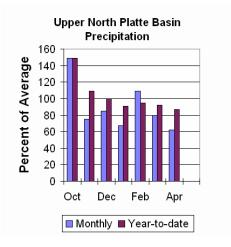
Precipitation

Eight reporting stations indicate last month's precipitation at 62% of average or 86% of last year's amount. Precipitation varied from 38-97% of average last month. Total water-year-to-date precipitation is about 87% of average for the basin, which is about 78% of last year's amount. Year to date percentage ranges from 78-99% of average for the 8 reporting stations.

Reservoirs

Seminoe Reservoir is estimated to be

storing 321,100 ac-ft or 32% of capacity. Seminoe Reservoir is also storing about 63% of average for this time of the year and 78% of last year. Detailed reservoir data is shown on the following page and on the reservoir storage summary at the beginning of this report.



Streamflow

The following yields are the 50% exceedance forecasts for the May through September period. Yield for the North Platte

River near Northgate will be around 155,000 ac-ft (67% of average). The Encampment River near Encampment is 105,000 ac-ft (67% of average). Rock Creek near Arlington is 37,000 ac-ft (71% of average). Sweetwater River near Alcova runoff is 25,000 ac-ft (38% of average). Seminoe Reservoir inflow should be around 395,000 ac-ft (53% of average). See the following table for more detailed information on projected runoff.

UPPER NORTH PLATTE RIVER BASIN

Streamflow Forecasts - May 1, 2007

	<=== Dr	ier ===	Future Co	onditions	=== Wett	er ===>	
Forecast Pt	======	======	Chance of	Exceeding	* ======	======	
Forecast	90%	70%	50)%	30%	10%	30 Yr Avg
Period	(1000AF)	(1000AF)	(1000AF)	(% AVG.)	(1000AF)	(1000AF)	(1000AF)
=========	=======	=======	========		=======	=======	========
NORTH PLATTE	RIVER nr	Northgate	2				
MAY-JUL	53	103	137	67	170	220	205
MAY-SEP	60	117	155	67	193	250	230
ENCAMPMENT R		_					
MAY-JUL	56	81	98	67	115	141	147
MAY-SEP	59	87	105	67	123	151	156
ROCK CREEK no	_						
MAY-JUL	28	33	37	71	41	48	52
MAY-SEP	29	35	37	67	43	51	55
SWEETWATER R							
MAY-JUL	1.2	11.0	22	36	33	49	61
MAY-SEP	2.6	13.9	25	38	37	54	66
SEMINOE RESE							
MAY-JUL	138	270	360	52	450	575	690
MAY-SEP	150	290	395	53	495	640	750

^{* 90%, 70%, 50%, 30%,} and 10% chances of exceeding are the probabilities that the actual volume will exceed the volumes in the table.

The average is computed for the 1971-2000 base period.

- (1) The values listed under the 10% and 90% Chance of Exceeding are actually 5% and 95% exceedance levels.
- (2) The value is natural volume actual volume may be affected by upstream water management.
- (3) Median value used in place of average. The value listed under 30% is actually a 25% exceedance level. The value listed under 70% is actually a 75% exceedance level. Forecast issued in cooperation with Alberta Environment.

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UPPER NORTH PLATTE RIVER BASIN Reservoir Storage (1000AF) End of April

Reservoir	Usable	*********	Usable Storage	*******
	Capacity	This Year	Last Year	Average
SEMINOE	1016.7	321.1	409.8	510.4

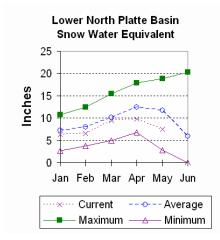
UPPER NORTH PLATTE RIVER BASIN

Watershed	Number of Data Sites	This Year as : Last Year	Percent of Average
N PLATTE above Northgate	7	82	75
ENCAMPMENT RIVER	4	58	60
BRUSH CREEK	5	77	60
MEDICINE BOW & ROCK CREEKS	3	88	73
N PLATTE above Seminoe	19	75	67
BRUSH CREEK MEDICINE BOW & ROCK CREEKS	4 5 3 19	77 88	60 73

Lower North Platte River Basin

Snow

Snowpack in this basin is below average for this time of year. The Sweetwater drainage SWE is currently at 47% of average (63% of last year). Deer and LaPrele Creeks SWE are at 58% of average (96% of last year). SWE for the North Platte above the Laramie River drainage is 65% of average (75% of last year). SWE for the Laramie River above Laramie is 84% of average (109% of last year). SWE for the Little Laramie River is 77% of average (85% of last year). The Laramie River above mouth, SWE is 78% of average (100% of last year). SWE for the Lower North Platte River Basin is at 65% of average (78% of last year). For more information see Basin Summary of Snow Courses at the beginning of this report.



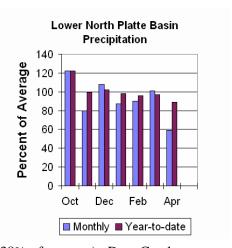
Precipitation

Last month's precipitation was 59% of average or 93% of last year's amount. Of the 8 reporting stations, percentages for the month range from 25-110%. The water year-to-date precipitation for the basin is currently 89% of average (90% of last year). Year-to-date percentages range from 67-137%.

Reservoir

The Lower North Platte River basin reservoir storage is below average at

63%. Reservoir storage is as follows: Alcova 180,800 ac-ft (101% of average); Glendo 444,200 ac-ft (97% of average); Guernsey 24,400 ac-ft (73% of average); Pathfinder 243,700 ac-ft (33% of average); Seminoe 321,100 ac-ft (63% of average); and Wheatland #2 41,100 ac-ft (69% of average).



Streamflow

The following yields are based on the 50% exceedance forecasts for the May through September period. The

Sweetwater near Alcova is forecast to yield about 25,000 ac-ft (38% of average). Deer Creek at Glenrock is forecast to yield 9,000 ac-ft (28% of average). LaPrele Creek above the reservoir is forecast to yield 5,100 ac-ft (27% of average). Alcova to Orin Gain is forecast to yield 32,000 ac-ft (26% of average). North Platte River below Guernsey Reservoir is 350,000 ac-ft (42% of average), and below Glendo Reservoir is anticipated to yield around 380,000 ac-ft (44% of average). Laramie River near Woods Landing should yield around 99,000 ac-ft (78% of average). The Little Laramie near Filmore should produce about 43,000 ac-ft (71% of average). See the following table for more detailed information on projected runoff.

LOWER NORTH PLATTE, SWEETWATER & LARAMIE RIVER BASINS Streamflow Forecasts - May 1, 2007

=========	=======	=======	========	========	======	=======	========
	<=== Dr	ier ===	Future Co	nditions	=== Wett	er ===>	
						ĺ	
Forecast Pt	======	======	Chance of	Exceeding	* =====	======	
Forecast	90%	70%	50)왕	30%	10%	30 Yr Avg
Period	(1000AF)	(1000AF)) (1000AF)	(% AVG.)	1000AF)	(1000AF)	(1000AF)
=========	========	=======	- <u>-</u>	:===== <u>:</u> -			========
SWEETWATER R	IVER nr Al	cova					
MAY-JUL	1.2	11.0	22	36	33	49	61
MAY-SEP	2.6	13.9	25	38	37	54	66
Laprele Creek	K abv Rese	rvoir					
MAY-JUL	0.7	2.8	5.0	27	7.8	13.0	18.6
MAY-SEP	0.8	2.8	5.1	27	7.9	13.0	18.9
NORTH PLATTE	- Alcova	to Orin (Gain				
MAY-JUL	1.0	14.0	29	26	51	96	113
MAY-SEP	2.0	16.0	32	26	54	98	122
NORTH PLATTE	RIVER blw	Glendo F	Res				
MAY-JUL	96	241	340	43	439	584	800
MAY-SEP	99	249	350	42	451	601	830
NORTH PLATTE	RIVER blw	Guernsey	y Res				
MAY-JUL	60	235	355	44	475	651	815
MAY-SEP	73	256	380	44	504	686	860
LARAMIE RIVE	R nr Woods						
MAY-JUL	50	74	90	78	106	130	115
MAY-SEP	54	81	99	78	117	144	127
LITTLE LARAM	IE RIVER n	r Filmore	9				
MAY-JUL	27	34	39	70	44	52	56
MAY-SEP	28	37	43	71	49	58	61

- * 90%, 70%, 50%, 30%, and 10% chances of exceeding are the probabilities that the actual volume will exceed the volumes in the table.

 The average is computed for the 1971-2000 base period.
- (1) The values listed under the 10% and 90% Chance of Exceeding are actually 5% and 95% exceedance levels.
- (2) The value is natural volume actual volume may be affected by upstream water management.
- (3) Median value used in place of average. The value listed under 30% is actually a 25% exceedance level. The value listed under 70% is actually a 75% exceedance level. Forecast issued in cooperation with Alberta Environment.

LOWER NORTH PLATTE, SWEETWATER & LARAMIE RIVER BASINS

Reservoir Storage (1000AF) End of April

	Usable	******	Usable Storage	*****
Reservoir	Capacity	This Year	Last Year	Average
ALCOVA	184.3	180.8	179.8	178.8
GLENDO	506.4	444.2	417.8	458.2
GUERNSEY	45.6	24.4	24.3	33.3
PATHFINDER	1016.5	243.7	291.9	747.1
SEMINOE	1016.7	321.1	409.8	510.4
WHEATLAND #2	98.9	41.1	56.6	59.7

LOWER NORTH PLATTE, SWEETWATER & LARAMIE RIVER BASINS Watershed Snowpack Analysis - May 1, 2007

______ Number of This Year as Percent of Watershed Data Sites Last Year SWEETWATER 43 4 63 DEER & LaPRELE CREEKS 3 96 58 75 N PLATTE abv Laramie R. 26 64 109 LARAMIE RIVER abv Laramie 11 84 LITTLE LARAMIE RIVER 5 85 77

14

33

LARAMIE RIVER above mouth

NORTH PLATTE

100

78

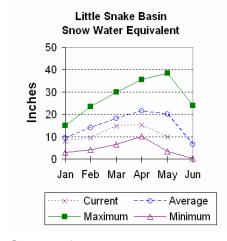
78

64

Little Snake River Basin

Snow

Currently, snow water equivalent (SWE) in the Little Snake River drainage is 49% of average (54% of last year). For more information see Basin Summary of Snow Courses at beginning of this report.



Precipitation

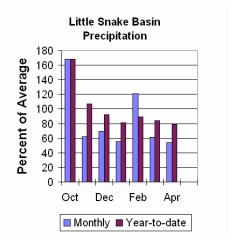
Precipitation across the basin was below average this past month. Last Month's precipitation was 54% of average (67% of last year) for the 5 reporting stations. Last month's precipitation ranged from 37-63% of average. The Little Snake River basin water-year-to-date precipitation is currently 79% of average (70% of last year). Year-to-date percentages range from 76-89% of average.

Reservoir

High Savery Dam - Pending

Streamflow

The 50% exceedance forecast for the Little Snake River drainage is expected to be below average this year. Stream yields are based on the 50% exceedance forecast for the May through July period. The Little Snake River near Slater should yield around 66,000 ac-ft (47% of average). The Little Snake River near Dixon is estimated to yield around 126,000 ac-ft (43% of average). See the following table for more detailed information on projected runoff.



LITTLE SNAKE RIVER BASIN Streamflow Forecasts - May 1, 2007

	<=== D1	rier ===	Future Co	onditions	=== Wett	er ===> 			
Forecast Pt Forecast Period	======= 90% (1000AF)	70%	50	Exceeding)% (% AVG.)	30%	10%	30 Yr Avg (1000AF)		
=========			=======			=======	========		
Little Snake	River nr	Slater							
APR-JUL	66	78	88	55	98	115	159		
MAY-JUL	44	56	66	47	76	93	141		
Little Snake	River nr	Dixon							
APR-JUL	111	144	170	52	200	250	330		
MAY-JUL	67	100	126	43	155	205	290		

^{* 90%, 70%, 50%, 30%,} and 10% chances of exceeding are the probabilities that the actual volume will exceed the volumes in the table.

The average is computed for the 1971-2000 base period.

- (1) The values listed under the 10% and 90% Chance of Exceeding are actually 5% and 95% exceedance levels.
- (2) The value is natural volume actual volume may be affected by upstream water management.
- (3) Median value used in place of average. The value listed under 30% is actually a 25% exceedance level. The value listed under 70% is actually a 75% exceedance level. Forecast issued in cooperation with Alberta Environment.

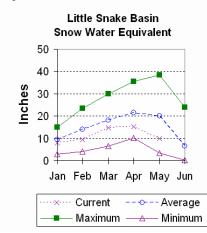
LITTLE SNAKE RIVER BASIN

Watershed	Number of	This Year as Per	ccent of
	Data Sites	Last Year	Average
LITTLE SNAKE RIVER	8	54 ====================================	49

Upper Green River Basin

Snow

Snow water equivalent (SWE) is below average in the Upper Green River drainage this year. The Green River Basin SWE above Warren Bridge is at 19% (33% of last year). SWE on the west side of the Upper Green River Basin is about 66% of average (61% of last year). Newfork River Basin SWE is now about 59% of average (62% of last year). Big Sandy-Eden Valley Basin is at 40% or 50% of last year. SWE in the Green River Basin above Fontenelle Reservoir is about 56% of average (58% of last year). For more information see the Basin Summary of Snow Courses at the beginning of this report.



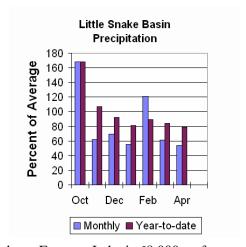
Precipitation

The 11 reporting precipitation sites in the basin were 96% of average last month (128% of last year). Last month's precipitation varied from 45-130% of average. Water year-to-date precipitation is about 79% of average (77% of last year). Year to date percentage of average ranges from 71-89% for the 11 reporting stations.

Reservoir

Storage in Big Sandy Reservoir is 18,000 ac-ft or

47% of capacity. This is 73% of average. Eden Reservoir - No Report. Fontenelle Reservoir is 130,000 ac-ft or 38% of capacity This is 91% of average. Detailed reservoir data is shown on the following page and on the reservoir storage summary at the beginning of this report.



Streamflow

The 50% exceedance forecasts for the May through July runoff period in the Upper Green River Basin are forecast below average. The yield on the Green River at Warren

Bridge is around 146,000 ac-ft (59% of average). Pine Creek above Fremont Lake is 68,000 ac-ft (67% of average). New Fork River near Big Piney is 195,000 ac-ft (53% of average). Fontenelle Reservoir Inflow is estimated to be 350,000 ac-ft (46% of average), and Big Sandy near Farson is expected to be around 28,000 ac-ft (52% of average). See the following table for more detailed information on projected runoff.

UPPER GREEN RIVER BASIN Streamflow Forecasts - May 1, 2007

=========			=======		=======	=======	========
	<=== Dr	rier ===	Future Co	onditions	=== Wett	er ===>	
Forecast Pt	======	======	Chance of	Exceeding	r * =====	======	
Forecast	90%	70%	5	0%	30%	10%	30 Yr Avg
Period	(1000AF)	(1000AF) (1000AF)	(% AVG.)	(1000AF)	(1000AF)	(1000AF)
=========	========		========		======	=======	========
Green River a	at Warren	Bridge					
APR-JUL	128	147	160	60	174	196	265
MAY-JUL	114	133	146	59	160	182	246
Pine Creek al	ov Fremont	Lake					
APR-JUL	57	65	70	67	75	84	104
MAY-JUL	55	63	68	67	73	82	102
New Fork Rive	er nr Big	Piney					
APR-JUL	151	185	210	53	235	280	395
MAY-JUL	136	170	195	53	220	265	368
Fontenelle Re	eservoir I	Inflow					
APR-JUL	270	345	400	47	460	555	860
MAY-JUL	220	295	350	46	410	505	765
Big Sandy Riv	er nr Far	rson					
APR-JUL	23	27	31	53	35	41	58
MAY-JUL	19.8	24	28	52	32	38	54
=========			========	=======	=======	=======	========

^{* 90%, 70%, 50%, 30%,} and 10% chances of exceeding are the probabilities that the actual volume will exceed the volumes in the table.

The average is computed for the 1971-2000 base period.

- (1) The values listed under the 10% and 90% Chance of Exceeding are actually 5% and 95% exceedance levels.
- (2) The value is natural volume actual volume may be affected by upstream water management.
- (3) Median value used in place of average. The value listed under 30% is actually a 25% exceedance level. The value listed under 70% is actually a 75% exceedance level. Forecast issued in cooperation with Alberta Environment.

UPPER GREEN RIVER BASIN Reservoir Storage (1000AF) End of April

	Usable	******	Usable Storage	*****					
Reservoir	Capacity	This Year	Last Year	Average					
=======================================	========	========	==========	========					
BIG SANDY	38.3	18.0	33.1	24.8					
EDEN		NO RE	PORT						
FONTENELLE	344.8	130.0	161.9	143.5					
=======================================	=========	=========	==========	========					

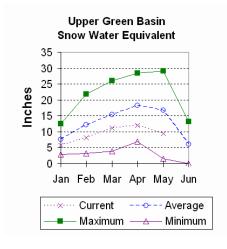
UPPER GREEN RIVER BASIN

	Number of	This Year as Pe	ercent of
Watershed	Data Sites	Last Year	Average
=======================================	=======================================		========
GREEN above Warren Bridge	4	38	19
UPPER GREEN (West Side)	7	61	66
NEWFORK RIVER	3	62	59
BIG SANDY/EDEN VALLEY	2	50	32
GREEN above Fontenelle	14	58	56

Lower Green River Basin

Snow

SWE in the Hams Fork Basin is 56% of average (53% of last year). Blacks Fork Basin SWE is currently 39% of average (47% of last year). The Henrys Fork drainage is at 37% of average (79% of last year). SWE in the Green River Basin above Flaming Gorge is 50% of average (55% of last year). For more information see Basin Summary of Snow Courses at beginning of this report.



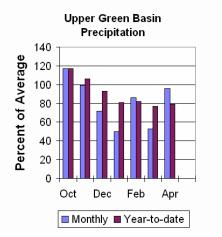
Precipitation

Precipitation was below average for the 3 reporting stations during last month at 50% of average or 75% of last year. Precipitation ranged from 48-54% of average for the month. The basin year-to-date precipitation is currently 71% of average (67% of last year). Year-to-date percentages range from 67-77%.

Reservoirs

Fontenelle Reservoir is currently storing 130,000 ac-ft; this is 91% of average (80% of

last year). Flaming Gorge is currently storing 3,184,000 acft; this is 108% of average (105% of last year). Viva Naughton is storing 45,200 ac-ft or 107% of capacity: this is 158% of average.



Streamflow

The 50% exceedance forecasts for the May through July runoff period in the Lower Green River Basin are forecast below average. The Green River near Green River is forecast to yield about 360,000 ac-ft (46% of average). The Blacks Fork near Robertson is forecast to yield 56,000 ac-ft (61% of average). East Fork of Smiths Fork near Robertson is forecast to yield 17,300 ac-ft (62% of average). Hams Fork below Pole Creek near Frontier is 25,000 ac-ft (42% of average). The Hams Fork Inflow to Viva Naughton Reservoir is 32,000 ac-ft (42% of average). The Flaming Gorge Reservoir inflow will be about 430,000 ac-ft (42% of average). See the following table for more detailed information on projected runoff.

LOWER GREEN RIVER BASIN Streamflow Forecasts - May 1, 2007

	<=== Dr	ier ===	Future C	onditions	=== Wett	er ===>	
Forecast Pt	======	======	Chance of	Exceeding	* =====	======	
Forecast	90%	70%	1	0%	30%	10%	30 Yr Avg
Period	(1000AF)	(1000AF)) (1000AF)	(% AVG.)	(1000AF)	(1000AF)	(1000AF)
=========				=======	=======	=======	========
Green River r							
APR-JUL	270	345	405	46	470	570	875
MAY-JUL	225	300	360	46	425	525	780
Blacks Fork r	ır Roberts	on					
APR-JUL	43	53	60	63	68	80	95
MAY-JUL	39	49	56	61	64	76	92
EF of Smiths	Fork nr R	obertson					
APR-JUL	11.1	14.8	17.6	61	20	25	29
MAY-JUL	10.8	14.5	17.3	62	20	25	28
Hams Fk blw Pole Ck nr Frontier							
APR-JUL	21	26	30	46	34	41	65
MAY-JUL	15.9	21	25	42	29	36	60
Hams Fork Inf to Viva Naughton Res							
APR-JUL	26	34	40	45	47	59	89
MAY-JUL	17.4	26	32	42	39	51	76
Flaming Gorge Reservoir Inflow (2)							
APR-JUL	285	405	500	42	605	785	1190
MAY-JUL	215	335	430	42	540	720	1035
=========				=======	=======	=======	========

^{* 90%, 70%, 50%, 30%,} and 10% chances of exceeding are the probabilities that the actual volume will exceed the volumes in the table.

The average is computed for the 1971-2000 base period.

- (1) The values listed under the 10% and 90% Chance of Exceeding are actually 5% and 95% exceedance levels.
- (2) The value is natural volume actual volume may be affected by upstream water management.
- (3) Median value used in place of average. The value listed under 30% is actually a 25% exceedance level. The value listed under 70% is actually a 75% exceedance level. Forecast issued in cooperation with Alberta Environment.

LOWER GREEN RIVER BASIN Reservoir Storage (1000AF) End of April

______ Usable ******** Usable Storage ******* Capacity This Year Last Year Reservoir Average ______ 344.8 130.0 161.9 FONTENELLE 143.5 3033.0 3749.0 3184.0 3033.0 42.4 45.2 26.4 FLAMING GORGE 2952.0 VIVA NAUGHTON RES 28.6 ______

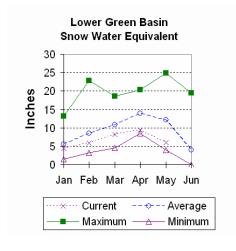
LOWER GREEN RIVER BASIN

Watershed	Number of Data Sites	This Year as Per Last Year	rcent of Average
	===========	=============	
HAMS FORK RIVER	4	53	56
BLACKS FORK	5	47	39
HENRYS FORK	3	79	37
GREEN above Flaming Gorge	26	55	49

Upper Bear River Basin

Snow

Snow water equivalent (SWE) in the Upper Bear River Basin in Utah is estimated to be 28% of average; that is about 28% of last year at this time. SWE in the Wyoming portion of the Bear River drainage (Smiths and Thomas Forks) is estimated at 56% of average (54% of last year). Bear River Basin SWE, above the Idaho State line, is 44% of average and 43% of last year. See the Basin Summary of Snow Course Data at the beginning of this report for more detailed information.



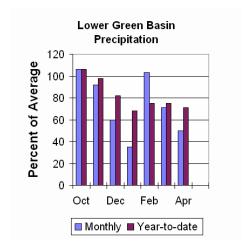
Precipitation

Precipitation for last month was 64% of average for the 2 reporting stations; this is 90% of the precipitation received last year. The year-to-date precipitation, for the basin, is 73% of average; this is 72% of last year's amount.

Reservoir

Storage, in Woodruff Narrows reservoir, is about 57,300 ac-ft (149% of average). Current reservoir

storage is about 100% of capacity. Reservoir storage last year at this time was 57,300 ac-ft at this time.



Streamflow

The following 50% exceedance forecasts are for the May through September period. The Bear River near the Utah-Wyoming State Line is 69,000 ac-ft (58% of average). The

Bear River above Reservoir near Woodruff is 42,000 ac-ft (34% of average). The Smiths Fork River near Border is 63,000 ac-ft (56% of average). See the following table for more detailed information on projected runoff.

UPPER BEAR RIVER BASIN Streamflow Forecasts - May 1, 2007

	<=== Dr:	ier === F	uture Co	nditions	=== Wett	er ===>	
Forecast Pt	=======	======	hance of	Exceeding	* =====	======	
Forecast	90%	70%	50	િ	30%	10%	30 Yr Avg
Period	(1000AF)	(1000AF)	(1000AF)	(% AVG.)	(1000AF)	(1000AF)	(1000AF)
=========		=======		=======	=======	=======	========
Bear River ni							
APR-JUL	54	64	72	64	80	93	113
APR-SEP	59	70	79	63	88	103	125
MAY-JUL	44	54	62	58	70	83	107
MAY-SEP	49	60	69	58	78	93	119
Bear River ab							
APR-JUL	30	36	52	38	60	73	136
APR-SEP	31	38	54	38	62	77	142
MAY-JUL	17.0	24	40	35	48	61	116
MAY-SEP	18.0	26	42	34	50	65	122
Smiths Fork r	ır Border						
APR-JUL	44	53	60	58	67	79	103
APR-SEP	54	64	71	59	80	94	121
MAY-JUL	35	44	51	54	58	70	95
MAY-SEP	45	55	63	56	71	85	112

^{* 90%, 70%, 50%, 30%,} and 10% chances of exceeding are the probabilities that the actual volume will exceed the volumes in the table.

The average is computed for the 1971-2000 base period.

- (1) The values listed under the 10% and 90% Chance of Exceeding are actually 5% and 95% exceedance levels.
- (2) The value is natural volume actual volume may be affected by upstream water management.
- (3) Median value used in place of average. The value listed under 30% is actually a 25% exceedance level. The value listed under 70% is actually a 75% exceedance level. Forecast issued in cooperation with Alberta Environment.

UPPER BEAR RIVER BASIN

Reservoir Storage (1000AF) End of April

=======================================	=========		===========	
	Usable	******	Usable Storage	******
Reservoir	Capacity	This Year	Last Year	Average
	=========			
WOODRUFF NARROWS	57.3	57.3	57.3	38.5
	=========	========	==========	
=======================================	========	========	==========	

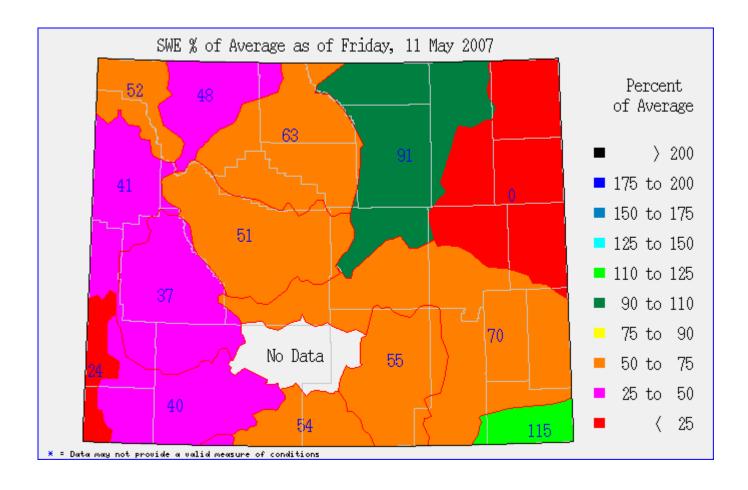
UPPER BEAR RIVER BASIN

Watershed	Number of Data Sites	This Year as Last Year	Percent of Average
UPPER BEAR RIVER in Utah	7	28	28
SMITHS & THOMAS FORKS	4	54	56
BEAR RIVER abv ID line	9	43	44
NORTHWEST	69	65	55
NORTHEST	20	133	82
SOUTHEAST	36	70	57
SOUTHWEST	35	50	45
	==============	============	==========

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