United States
Department of
Agriculture

**Natural
Resources
Conservation
Service**

Wyoming
Basin Outlook Report
June 1, 2008

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.

Wyoming Water Supply Outlook Report

General

The snow water equivalent (SWE) across Wyoming is above average for June at 149% of average due in part to a cool spring. Precipitation for last month in the basins varied from 112% of average to 212% of average for the State. Year-to-date precipitation is above average for the year and varies from 86-126% of average in the basins. Forecasted runoff varies from 68-214% of average across Wyoming for an overall average of 110%. Basin reservoir levels for Wyoming vary from 32-172% of average for an overall average of 90%.

Snowpack

Snow water equivalent (SWE), across Wyoming is above average for this time of year at 149%. SWE in the NW portion of Wyoming is now about 145% of average (554% of last year). NE Wyoming SWE is currently about 221% of average (307% of last year). The SE portion of Wyoming SWE is currently about 119% of average (447% of last year). The SW portion of Wyoming SWE is about 111% of average (757% of last year).

Precipitation

Last month's precipitation was above average across all of Wyoming. The Little Snake River Basin had the lowest precipitation for the month at 112% of average. The Powder Tongue River Basins had the highest precipitation amount at 212% 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	**+19%**	**Upper North Platte River**	**+15%**
Yellowstone & Madison	**+44%**	**Lower North Platte**	**+64%**
Wind River	**+68%**	**Little Snake River**	**+12%**
Big Horn	**+79%**	**Upper Green River**	**+23%**
Shoshone & Clarks Fork	**+76%**	**Lower Green River**	**+20%**
Powder & Tongue River	**+112%**	**Upper Bear River**	**+19%**
Belle Fourche & Cheyenne	**+76%**		

Streams

Stream flow yield is expected to be about average across Wyoming. Most probable yield for the entire State of Wyoming is forecast to be 110% (varying from 68-214% of average). The Snake River and Upper Yellowstone & Madison River Basins are expected to yield about 108 and 124% of average, respectively;102-133% of average for the various forecast points in the basins: Yields from the Wind and Bighorn River Basins are expected to be about 105 and 105% of average, respectively; varying from 94-135% of average in the basins: Yields from the Shoshone and Clarks Fork River Basins of Wyoming are expected to yield about 121% of average; varying from 118-129% of average: Yields from the Powder & Tongue River Basins are expected to be about 170% of average; varying from 135-214% of average: Yields for the Belle Fourche & Cheyenne River Basins are expected to be about 155% of average. Yields for the Upper and Lower North Platte River of Wyoming are expected to be about 115 and 118% of average, respectively; varying from 83-125% of average: Yields for the Little Snake, Green River, and Little Bear of Wyoming are expected to be

143, 73 and 94% of average respectively; yield estimates vary from 68-145% of average:

Reservoirs

Reservoir storage varies widely across the state however reservoir storage is at 90% of average for the entire state. Reservoirs on the North Platte River are well below average at 65% of average. Most of the reservoirs in the northeast are below average in storage at 78%. Reservoirs in the Wind River Basin are below average at 82%. Reservoirs on the Big Horn are below average at 97%. The Buffalo Bill Reservoir on the Shoshone is above average at 121%. Reservoirs on the Green River are around average at 100%. See following table for further information about reservoir storage.

Major Reservoirs in Wyoming

BASIN AREA RESERVOIR	CURRENT AS %CAPACITY	LAST YR AS %CAPACITY	AVERAGE AS %CAPACITY	CURRENT AS %AVERAGE	CURRENT AS %LAST YR
ALCOVA	98	98	97	101	100
ANGOSTURA	59	39	96	62	153
BELLE FOURCHE	97	72	85	113	134
BIG SANDY	70	75	77	91	94
BIGHORN LAKE	67	67	64	105	100
BOYSEN	79	74	95	84	107
BUFFALO BILL	74	87	61	121	85
BULL LAKE	42	51	63	67	82
DEERFIELD	84	84	89	93	100
ENNIS LAKE	72	91	86	84	80
FLAMING GORGE	82	84	81	101	97
FONTENELLE	51	38	53	97	136
GLENDO	104	98	99	105	106
GRASSY LAKE	101	101	95	107	101
GUERNSEY	67	60	79	84	111
HEBGEN LAKE	88	88	83	106	100
JACKSON LAKE	71	99	68	104	71
KEYHOLE	43	35	61	71	123
PACTOLA	63	62	88	71	102
PALISADES	62	80	74	84	78
PATHFINDER	24	27	76	32	90
PILOT BUTTE	76	57	77	99	133
SEMINOE	39	42	65	60	92
SHADEHILL	37	39	84	44	96
TONGUE RIVER	104	101	61	172	103
VIVA NAUGHTON RES	107	107	92	116	100
WHEATLAND #2	49	47	60	82	103
WOODRUFF NARROWS	98	94	70	139	104
TOTAL 28 RESERVOIRS	68	72	75	90	94

Raw KAF Totals Current=9075 Last Year=9618 Average=10028 Capacity=13288

BASIN SUMMARY OF SNOW COURSE DATA

JUNE 2008

SNOW COURSE	ELEVATION	DATE	SNOW DEPTH	WATER CONTENT	LAST YEAR	AVERAGE 71-00
WYOMING Snow Course and SNOTEL Stations						
BALD MOUNTAIN SNOTEL	9380	6/01/08	49	19.0	15.2	16.7
BASE CAMP SNOTEL	7030	6/01/08	---	1.3	.0	.0
BATTLE MTN. SNOTEL	7440	6/01/08	0	.0	.0	.0
BEARTOOTH LK. SNOTEL	9280	6/01/08	70	27.7	11.4	20.1
BEAR TRAP SNOTEL	8200	6/01/08	0	.0	.0	.0
BIG GOOSE SNOTEL	7760	6/01/08	12	5.0	.0	2.7
BIG SANDY SNOTEL	9080	6/01/08	0	.0	.0	1.4
BLACKWATER SNOTEL	9780	6/01/08	75	31.2	10.1	24.7
BLIND BULL SNOTEL	8900	6/01/08	48	22.9	2.4	17.8
BLIND PARK SNOTEL	6870	6/01/08	0	.0	.0	.0
BONE SPGS. SNOTEL	9350	6/01/08	37	14.5	12.4	8.2
BROOKLYN LK. SNOTEL	10220	6/01/08	30	11.4	.5	11.6
BURGESS JCT. SNOTEL	7880	6/01/08	29	11.0	1.3	2.6
BURROUGHS CRK SNOTEL	8750	6/01/08	29	10.1	.0	3.4
CANYON SNOTEL	8090	6/01/08	13	5.2	.0	1.3
CASPER MTN. SNOTEL	7850	6/01/08	10	5.3	.0	4.2
CHALK CK #1 SNOTEL	9100	6/01/08	41	19.7	.0	12.0
CHALK CK #2 SNOTEL	8200	6/01/08	0	.0	.0	.8
CINNABAR PARK SNOTEL	9690	6/01/08	19	8.9	.0	1.5
CLOUD PEAK SNOTEL	9850	6/01/08	51	20.1	1.9	7.7
COLE CANYON SNOTEL	5910	6/01/08	0	.0	.0	.0
COLD SPRINGS SNOTEL	9630	6/01/08	0	.0	.0	1.1
COTTONWOOD CR SNOTEL	7700	6/01/08	---	8.7	.0	5.1
CROW CREEK SNOTEL	8830	6/01/08	0	.0	.0	.0
DEER PARK SNOTEL	9700	6/01/08	30	13.9	.0	8.0
DIVIDE PEAK SNOTEL	8860	6/01/08	5	3.8	.0	3.7
DOME LAKE SNOTEL	8880	6/01/08	26	9.3	.0	3.2
EAST RIM DIV SNOTEL	7930	6/01/08	---	.0	.0	1.5
ELKHART PARK SNOTEL	9400	6/01/08	---	1.2	.0	3.3
EVENING STAR SNOTEL	9200	6/01/08	71	29.2	2.7	26.7
GRAND TARGHEE SNOTEL	9260	6/01/08	113	55.8	20.3	--
GRANITE CRK SNOTEL	6770	6/01/08	---	.8	.0	.8
GRASSY LAKE SNOTEL	7270	6/01/08	46	22.0	.0	14.0
GRAVE SPRINGS SNOTEL	8550	6/01/08	19	6.5	.0	1.8
GROS VENTRE SNOTEL	8750	6/01/08	5	3.0	.0	3.7
HANSEN S.M. SNOTEL	8360	6/01/08	5	2.7	.0	.2
HAMS FORK SNOTEL	7840	6/01/08	---	.0	.0	.0
HOBBS PARK SNOTEL	10100	6/01/08	37	15.2	1.0	10.1
INDIAN CREEK SNOTEL	9430	6/01/08	---	18.3	.0	14.7
KELLEY R.S. SNOTEL	8180	6/01/08	---	1.0	.0	1.4
KENDALL R.S. SNOTEL	7740	6/01/08	0	.0	.0	.0
KIRWIN SNOTEL	9550	6/01/08	25	9.2	.0	5.5
LA PRELE SNOTEL	8380	6/01/08	0	.0	.0	.8
LEWIS LAKE SNOTEL	7850	6/01/08	51	24.1	.0	17.9
LITTLE WARM SNOTEL	9370	6/01/08	0	.0	.0	1.9
LOOMIS PARK SNOTEL	8240	6/01/08	---	.0	.0	2.3
MARQUETTE SNOTEL	8760	6/01/08	16	7.0	.0	4.2
MIDDLE POWDER SNOTEL	7760	6/01/08	8	3.0	.0	2.6
NEW FORK SNOTEL	8340	6/01/08	0	.0	.0	.0

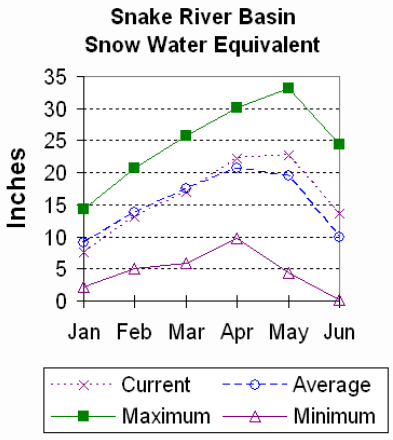
SNOW COURSE	ELEVATION	DATE	SNOW DEPTH	WATER CONTENT	LAST YEAR	AVERAGE 71-00
NORTH FRENCH SNOTEL	10130	6/01/08	57	25.3	9.0	23.9
NORTH RAPID CK SNTL	6130	6/01/08	0	.0	.0	.0
OLD BATTLE SNOTEL	9920	6/01/08	67	31.7	14.0	25.6
OWL CREEK SNOTEL	8980	6/01/08	2	1.1	.0	.5
PARKERS PEAK SNOTEL	9400	6/01/08	67	29.4	.0	18.5
PHILLIPS BNCH SNOTEL	8200	6/01/08	44	21.6	.0	14.0
POWDER RVR.PASS SNTL	9480	6/01/08	20	8.0	.9	2.3
RENO HILL SNOTEL	8500	6/01/08	13	6.8	.0	3.4
SAGE CK BASIN SNTL	7850	6/01/08	---	.0	.0	2.1
SALT RIVER SNOTEL	7600	6/01/08	---	.0	.0	.0
SAND LAKE SNOTEL	10050	6/01/08	67	30.4	18.5	25.8
SANDSTONE RS SNOTEL	8150	6/01/08	0	.0	.0	.0
SHELL CREEK SNOTEL	9580	6/01/08	50	18.2	5.9	10.4
SNAKE RV STA SNOTEL	6920	6/01/08	0	.0	.0	.0
SNIDER BASIN SNOTEL	8060	6/01/08	0	.0	.0	.0
SOUTH BRUSH SNOTEL	8440	6/01/08	0	.0	.0	1.7
SOUTH PASS SNOTEL	9040	6/01/08	20	6.9	.0	6.3
SPRING CRK. SNOTEL	9000	6/01/08	43	15.3	.3	15.0
ST LAWRENCE ALT SNTL	8620	6/01/08	0	.0	.0	.7
SUCKER CREEK SNOTEL	8880	6/01/08	40	14.5	2.2	3.6
SYLVAN LAKE SNOTEL	8420	6/01/08	38	19.3	.0	11.4
SYLVAN ROAD SNOTEL	7120	6/01/08	0	.0	.0	.0
THUMB DIVIDE SNOTEL	7980	6/01/08	3	1.5	.0	1.9
TIE CREEK SNOTEL	6870	6/01/08	0	.0	.0	.0
TIMBER CREEK SNOTEL	7950	6/01/08	6	2.4	.0	.5
TOGWOTEE PASS SNOTEL	9580	6/01/08	70	28.5	5.6	21.9
TOWNSEND CRK SNOTEL	8700	6/01/08	0	.0	.0	1.7
TRIPLE PEAK SNOTEL	8500	6/01/08	30	12.4	.0	4.8
TWO OCEAN SNOTEL	9240	6/01/08	79	42.6	6.4	25.2
WEBBER SPRING SNOTEL	9250	6/01/08	25	10.8	.0	6.5
WHISKEY PARK SNOTEL	8950	6/01/08	38	18.4	.0	13.6
WILLOW CREEK SNOTEL	8450	6/01/08	---	19.9	.0	14.3
WINDY PEAK SNOTEL	7900	6/01/08	0	.0	.0	.1
WOLVERINE SNOTEL	7650	6/01/08	0	.0	.0	.0
YOUNTS PEAK SNOTEL	8350	6/01/08	25	10.9	.0	7.0

(d) denotes discontinued site.

Snake River Basin

Snow

The Snake River Basin snow water equivalent (SWE) is above average at 137%. SWE in the Snake River Basin above Jackson Lake is 153% of average. Pacific Creek Basin SWE is 174% of average. Gros Ventre River Basin SWE is 123% of average. SWE in the Hoback River drainage is 102% of average. SWE in the Greys River drainage is 128% of average. In the Salt River area SWE is 147% of average. SWE in the Snake River Basin above Palisades is 137% of average. See the Basin Summary of Snow Courses at the beginning of this report for a detailed listing of snow course information.

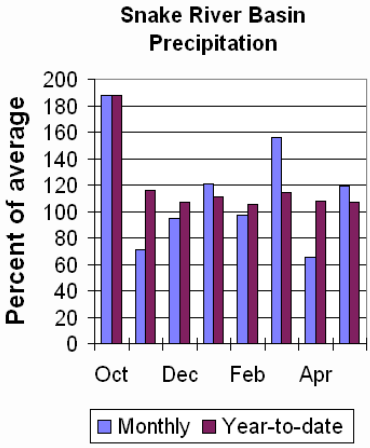


Precipitation

Precipitation across the basin was above average last month. Monthly precipitation for the basin was 119% of average (336% of last year). Last month's percentages range from 83-141% of average. Water-year-to-date precipitation is 107% of average for the Snake River Basin (140% of last year). Year-to-date percentages range from 83-122% of average.

Reservoir

Current reservoir storage is 91% of average for the three storage reservoirs in the basin. Grassy Lake storage is about 107% of average (15,400 ac-ft compared to 15,300 last year). Jackson Lake storage is 104% of average (598,300 ac-ft compared to 838,300 ac-ft last year). Palisades Reservoir storage is about 84% of average (867,900 ac-ft compared to 1,113,900 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 June through September are above average for the basin. The Snake near Moran is 720,000 ac-ft (124% of average). Snake above reservoir near Alpine is 2,100,000 ac-ft (114% of average). The Snake near Irwin is 2,820,000 ac-ft (113% of average). The Snake near Heise is 2,870,000 ac-ft (108% of average). Pacific Creek at Moran is 154,000 ac-ft (145% of average). Greys River above Palisades Reservoir is 250,000 ac-ft (102% of average). Salt River near Etna is 265,000 ac-ft (110% of average). See the following page for detailed runoff volumes.

SNAKE RIVER BASIN

Streamflow Forecasts - June 1, 2008

Forecast Pt / Forecast Period	<=== Drier === 90% (1000AF)	70% (1000AF)	Future Conditions: 50% (1000AF)	50% (% AVG.)	=== Wetter ===> 30% (1000AF)	10% (1000AF)	30 Yr Avg (1000AF)
Snake R nr Moran							
JUN-JUL	510	580	615	126	650	720	490
JUN-SEP	590	680	720	124	760	850	580
Snake R nr Alpine							
JUN-JUL	1450	1630	1710	116	1790	1970	1470
JUN-SEP	1760	1990	2100	114	2210	2440	1840
Snake R nr Irwin							
JUN-JUL	1850	2120	2240	115	2360	2630	1950
JUN-SEP	2380	2680	2820	113	2960	3260	2500
Snake R nr Heise							
JUN-JUL	1930	2120	2250	110	2380	2570	2050
JUN-SEP	2490	2720	2870	108	3020	3250	2650
Pacific Ck at Moran							
JUN-JUL	110	129	142	142	155	174	100
JUN-SEP	121	140	154	145	168	187	106
Greys R nr Alpine							
JUN-JUL	164	178	192	102	196	210	188
JUN-SEP	215	235	250	102	265	285	245
Salt R nr Etna							
JUN-JUL	127	161	184	114	205	240	162
JUN-SEP	189	235	265	110	295	340	240

* 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.

SNAKE RIVER BASIN

Reservoir Storage (1000AF) End of May

Reservoir	Usable Capacity	********** Usable Storage ********* This Year	Last Year	Average
GRASSY LAKE	15.2	15.4	15.3	14.4
JACKSON LAKE	847.0	598.3	838.3	572.6
PALISADES	1400.0	867.9	1113.9	1033.6

SNAKE RIVER BASIN

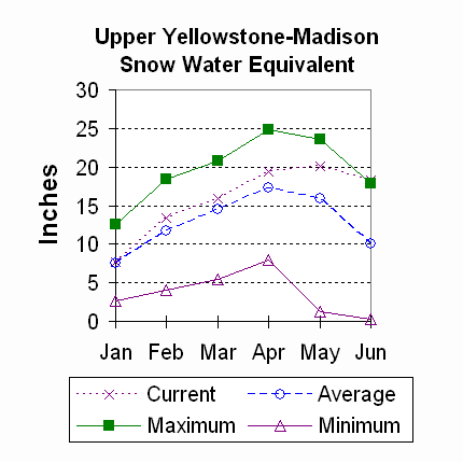
Watershed Snowpack Analysis - June 1, 2008

Watershed	Number of Data Sites	This Year as Percent of Last Year	Average
SNAKE above Jackson Lake	5	1409	153
PACIFIC CREEK	2	686	174
GROS VENTRE RIVER	2	673	123
HOBACK RIVER	5	1112	102
GREYS RIVER	4	2474	128
SALT RIVER	3	0	147
SNAKE above Palisades	17	1486	137

Upper Yellowstone & Madison River Basins

Snow

Snowfall in these basins has been good so far this year and the SWE in both basins is above average for this month. Snow water equivalent (SWE) is about 212% of average in the Madison drainage. SWE in the Yellowstone drainage is about 155% of average. See the "Snow Course Basin Summary" at the beginning of this document for more details on specific sites.

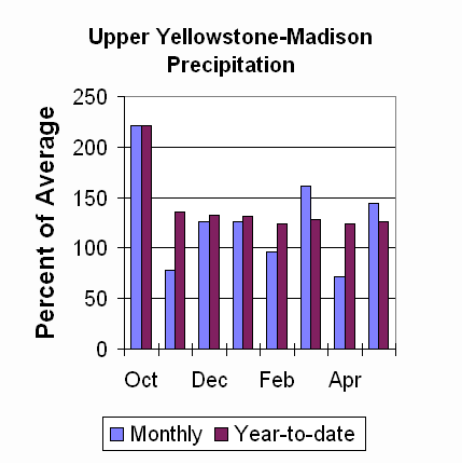


Precipitation

Last month precipitation in the Madison and Yellowstone drainage was about 144% of average 343% of last year) for the 7 reporting stations -- percentages range from 93-205% of average. Water-year-to-date precipitation is about 126% of average (148% of last year's amount). Year to date percentage ranges from 107-164%.

Reservoir

Ennis Lake is storing about 29,600 ac-ft of water (72% of capacity, 84% of average or 80% of last year's volume). Hebgen Lake is storing about 333,300 ac-ft of water (88% of capacity, 106% of average or 100% 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 June through September are above average for the basin. Yellowstone at Lake Outlet is 925,000 ac-ft (133% of average). Yellowstone at Corwin Springs will yield around 1,800,000 ac-ft (123% of average). Yellowstone near Livingston will yield around 2,110,000 ac-ft (124% of average). Hebgen Reservoir inflow is 395,000 ac-ft (127% of average). See the following page for detailed runoff volumes.

UPPER YELLOWSTONE & MADISON RIVER BASINS

Streamflow Forecasts - June 1, 2008

Forecast Pt / Forecast Period	<=== Drier === 90% (1000AF)	70% (1000AF)	Future Conditions * Chance of Exceeding * 50% (1000AF)	50% (% AVG.)	=== Wetter ===> 30% (1000AF)	10% (1000AF)	30 Yr Avg (1000AF)
YELLOWSTONE at Lake Outlet							
JUN-JUL	545	610	655	135	700	765	485
JUN-SEP	805	875	925	133	975	1040	695
YELLOWSTONE RIVER at Corwin Springs							
JUN-JUL	1180	1320	1420	125	1520	1660	1140
JUN-SEP	1510	1680	1800	123	1920	2090	1460
YELLOWSTONE RIVER near Livingston							
JUN-JUL	1350	1530	1660	127	1790	1970	1310
JUN-SEP	1700	1940	2110	124	2280	2520	1700
HEBGEN Reservoir Inflow							
JUN-JUL	225	250	265	133	280	305	200
JUN-SEP	335	370	395	127	420	455	310

* 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.

UPPER YELLOWSTONE & MADISON RIVER BASINS

Reservoir Storage (1000AF) End of May

Reservoir	Usable Capacity	********** Usable Storage ********* This Year	Last Year	Average
ENNIS LAKE	41.0	29.6	37.2	35.3
HEBGEN LAKE	377.5	333.3	333.6	314.7

UPPER YELLOWSTONE & MADISON RIVER BASINS

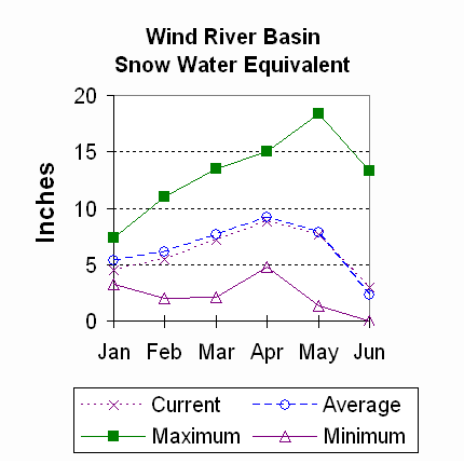
Watershed Snowpack Analysis - June 1, 2008

Watershed	Number of Data Sites	This Year as Percent of Last Year	Average
MADISON RIVER in WY	5	0	212
YELLOWSTONE RIVER in WY	8	554	155

Wind River Basin

Snow

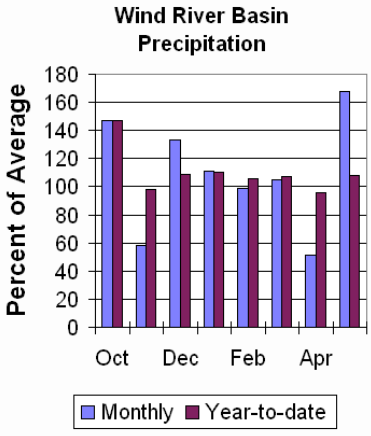
The Wind River Basin has above average snow water equivalent (SWE 131%) for this time of the year. SWE in the Wind River above Dubois is 142% of average. The Little Wind SWE is 141% of average, and the Popo Agie drainage SWE is about 138% of average. The Wind River Basin, above Boysen Reservoir SWE is about 131% of average. 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 123-270% of average. Precipitation, for the basin, was about 168% of average from the 11 reporting stations; that is about 194% of last year's amount. Water year-to-date precipitation is 108% of average and about 138% of last year at this time. Year-to-date percentages range from 97-135% of average.

Reservoirs



Current storage varies from 67-99% of average. Usable storage in Bull Lake is currently about 63,400 ac-ft (67% of average) - the reservoir is about 82% of last year. Boysen Reservoir is storing about 84% of average (473,000 ac-ft) – the reservoir is about 107% of last year. Pilot Butte is at 99% of average (23,900 ac-ft) – the reservoir is about 133% 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 50% exceedance forecasts for the June through September runoff period for the basin are slightly above average. Dinwoody Creek near Burris is 84,000 ac-ft (105% of average). The Wind River above Bull Lake Creek is 440,000 ac-ft (106% of average). Bull Lake Creek near Lenore is 143,000 ac-ft (94% of average). Wind River at Riverton will yield around 545,000 ac-ft (109% of average). Little Popo Agie River near Lander is around 38,000 ac-ft (106% of average). South Fork of Little Wind near Fort Washakie will yield around 68,000 ac-ft (105% of average). Little Wind River near Riverton will yield around 235,000 ac-ft (104% of average). Boysen Reservoir inflow will yield around 640,000 ac-ft (105% of average). See the following page for detailed runoff volumes.

WIND RIVER BASIN

Streamflow Forecasts - June 1, 2008

Forecast Pt / Forecast Period	<=== Drier === 90% (1000AF)	70% (1000AF)	Future Conditions — Chance of Exceeding * — 50% (1000AF)	50% (% AVG.)	=== Wetter ===> 30% (1000AF)	10% (1000AF)	30 Yr Avg (1000AF)
DINWOODY CREEK nr Burris							
JUN-JUL	47	52	56	106	60	65	53
JUN-SEP	69	78	84	105	90	99	80
WIND RIVER abv Bull Lake Cr (2)							
JUN-JUL	225	295	345	110	395	465	315
JUN-SEP	295	380	440	106	500	585	415
BULL LAKE CR near Lenore (2)							
JUN-JUL	89	103	112	95	121	135	118
JUN-SEP	114	131	143	94	155	172	152
WIND RIVER at Riverton (2)							
JUN-JUL	315	385	435	109	485	555	400
JUN-SEP	425	495	545	109	595	665	500
LT POPO AGIE RIVER nr Lander							
JUN-JUL	19.7	26	31	107	36	42	29
JUN-SEP	26	33	38	106	43	50	36
SF LT WIND nr Fort Washakie							
JUN-JUL	46	53	57	106	61	68	54
JUN-SEP	53	62	68	105	74	83	65
LT WIND RIVER nr Riverton							
JUN-JUL	79	149	197	105	245	315	188
JUN-SEP	104	182	235	104	290	365	225
BOYSEN RESERVOIR Inflow (2)							
JUN-JUL	400	485	540	105	595	680	516
JUN-SEP	435	555	640	105	725	845	609

* 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.

WIND RIVER BASIN

Reservoir Storage (1000AF) End of May

Reservoir	Usable Capacity	********** This Year	Usable Storage ********* Last Year	Average
BULL LAKE	151.8	63.4	77.5	95.3
BOYSEN	596.0	473.0	442.9	566.0
PILOT BUTTE	31.6	23.9	18.0	24.2

WIND RIVER BASIN

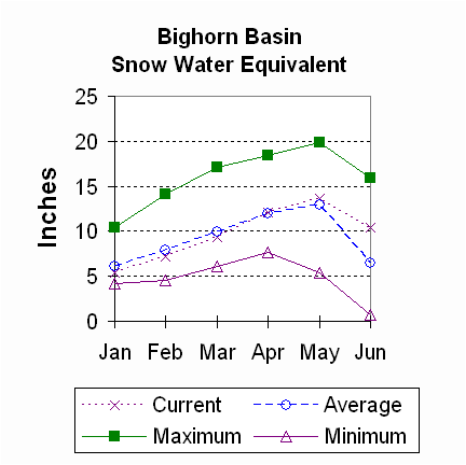
Watershed Snowpack Analysis - June 1, 2008

Watershed	Number of Data Sites	This Year as Percent of Last Year	Average
WIND RIVER above Dubios	3	800	142
LITTLE WIND	2	1520	141
POPO AGIE	4	3600	138
WIND above Boysen Resv	7	1014	131

Bighorn River Basin

Snow

Snowpack in this basin is above average for this time of year. The Nowood River is at 224% of average. The Greybull River SWE is at 193% of average. Shell Creek SWE is 146% of average. The Bighorn River Basin SWE, as a whole, is currently 161% of average. For more information see Basin Summary of Snow Courses at beginning of report.

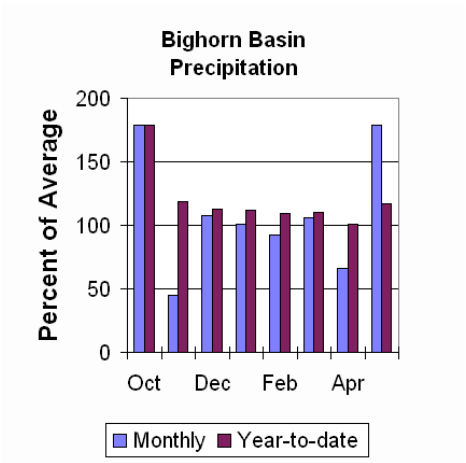


Precipitation

Last month's precipitation was 179% of average (165% of last year). Sites ranged from 131-219% of average for the month. Year-to-date precipitation is 117% of average; that is 119% of last year at this time. Year-to-date percentages, from the 13 reporting stations, range from 92-155%.

Reservoir

Boysen Reservoir is currently storing 473,000 ac-ft (84% of average). Bighorn Lake is now at 105% of average (914,300 ac-ft). Boysen is currently storing 107% of last year volume at this time and Big Horn Lake is storing 100% 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 June through September runoffs are anticipated to be above average. Boysen Reservoir inflow is 640,000 ac-ft (105% of average); the Greybull River near Meeteetse should yield around 191,000 ac-ft (117% of average); Shell Creek near Shell should yield around 70,000 ac-ft (135% of average) and the Bighorn River at Kane should yield around 825,000 ac-ft (105% of average). See the following page for detailed runoff volumes.

BIGHORN RIVER BASIN

Streamflow Forecasts - June 1, 2008

Forecast Pt / Forecast Period	<=== Drier === 90% (1000AF)	70% (1000AF)	Future Conditions: 50% (1000AF)	50% (% AVG.)	=== Wetter ===> 30% (1000AF)	10% (1000AF)	30 Yr Avg (1000AF)
BOYSEN RESERVOIR Inflow (2)							
JUN-JUL	400	485	540	105	595	680	516
JUN-SEP	435	555	640	105	725	845	609
GREYBULL RIVER nr Meeteetse							
JUN-JUL	102	119	131	119	143	160	110
JUN-SEP	151	175	191	117	205	230	163
SHELL CREEK nr Shell							
JUN-JUL	49	54	57	143	60	65	40
JUN-SEP	60	66	70	135	74	80	52
BIGHORN RIVER at Kane (2)							
JUN-JUL	535	640	710	105	780	885	675
JUN-SEP	495	740	825	105	910	1160	785

* 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.

BIGHORN RIVER BASIN

Reservoir Storage (1000AF) End of May

Reservoir	Usable Capacity	********** Usable Storage ********* This Year	Last Year	Average
BOYSEN	596.0	473.0	442.9	566.0
BIGHORN LAKE	1356.0	914.3	911.9	867.1

BIGHORN RIVER BASIN

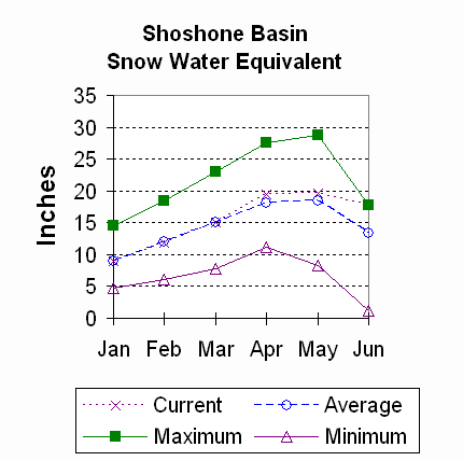
Watershed Snowpack Analysis - June 1, 2008

Watershed	Number of Data Sites	This Year as Percent of Last Year	Average
NOWOOD RIVER	2	1222	224
GREYBULL RIVER	2	0	193
SHELL CREEK	3	154	146
BIGHORN (Boysen-Bighorn)	7	216	161

Shoshone and Clarks Fork River Basin

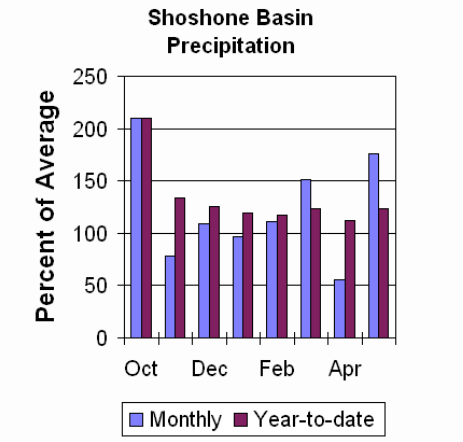
Snow

Snowpack in these basins are above average for this time of year. Snow Water Equivalent (SWE) is 132% of average in the Shoshone River Basin. The Clarks Fork River Basin SWE is 134% of average. For more information see the Basin Summary of Snow Course Data at the beginning of this report.



Precipitation

Precipitation for last month was 176% of average (358% of last year). Monthly percentages range from 130-239% of average. The basin year-to-date precipitation is now 123% of average (140% of last year). Year-to-date percentages range from 108-150% of average for the 12 reporting stations.



Reservoir

Current storage in Buffalo Bill Reservoir is about 121% of average (85% of last year's storage) – the reservoir is at about 74% of capacity. Currently, about 477,300 ac-ft are stored in the reservoir compared to 562,500 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 the June through September period are expected to be above average for the basin. The North Fork Shoshone River at Wapiti is 470,000 ac-ft (129% of average). The South Fork of the Shoshone River near Valley is 260,000 ac-ft (124% of average), and the South Fork above Buffalo Bill Reservoir runoff is 220,000 ac-ft (126% of average). The Buffalo Bill Reservoir inflow is expected to yield around 700,000 ac-ft (118% of average). The yield for the Clarks Fork of the Yellowstone near Belfry, Montana is expected to be around 555,000 ac-ft (125% of average). See the following page for detailed runoff volumes.

SHOSHONE & CLARKS FORK RIVER BASINS

Streamflow Forecasts - June 1, 2008

Forecast Pt / Forecast Period	<=== Drier === 90% (1000AF)	70% (1000AF)	Future Conditions 50% (1000AF)	50% (% AVG.)	=== Wetter ===> 30% (1000AF)	10% (1000AF)	30 Yr Avg (1000AF)
NF SHOSHONE RIVER at Wapiti							
JUN-JUL	280	355	405	133	455	530	305
JUN-SEP	330	415	470	129	525	610	365
SF SHOSHONE RIVER nr Valley							
JUN-JUL	178	200	215	125	230	250	172
JUN-SEP	210	240	260	124	280	310	210
SF SHOSHONE RIVER abv Buffalo Bill							
JUN-JUL	142	179	205	126	230	270	163
JUN-SEP	147	191	220	126	250	295	174
BUFFALO BILL DAM Inflow (2)							
JUN-JUL	535	580	610	118	640	685	515
JUN-SEP	610	665	700	118	735	790	595
CLARKS FORK RIVER nr Belfry							
JUN-JUL	335	430	495	127	560	655	390
JUN-SEP	370	480	555	125	630	740	445

* 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.

SHOSHONE & CLARKS FORK RIVER BASINS

Reservoir Storage (1000AF) End of May

Reservoir	Usable Capacity	********** Usable Storage ********* This Year	Last Year	Average
BUFFALO BILL	646.6	477.3	562.5	395.7

SHOSHONE & CLARKS FORK RIVER BASINS

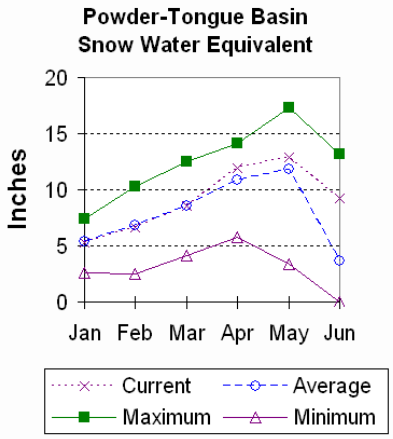
Watershed Snowpack Analysis - June 1, 2008

Watershed	Number of Data Sites	This Year as Percent of Last Year	Average
SHOSHONE RIVER	6	762	132
CLARKS FORK in WY	7	349	134

Powder and Tongue River Basins

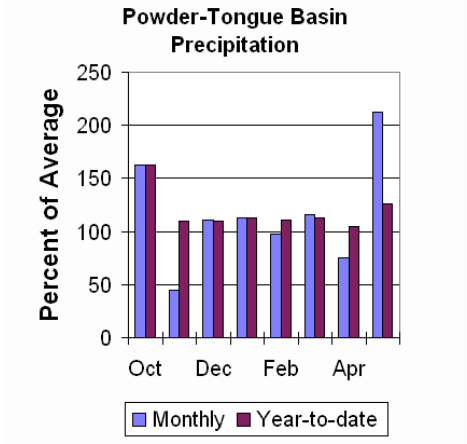
Snow

Snow water equivalent (SWE) in the Upper Tongue River drainage is 236% of average. The Goose Creek drainage is 242% of average. SWE in the Clear Creek drainage is 289% of average. Crazy Woman Creek drainage is 348% of average. Upper Powder River drainage SWE is 224% of average. Powder River Basin SWE, in Wyoming is 264% of average. For more information see Basin Summary of Snow Courses at beginning of report.



Precipitation

Last month's precipitation was 212% of average for the 10 reporting stations (151% of last year). Monthly percentages range from 168-332% of average. Year-to-date precipitation is 126% of average in the basin; this is 120% of last year at this time. Precipitation for the year ranges from 92-155% of average.



Reservoir

The Tongue River Reservoir is at 104% of capacity; 172% of average; and 103% of last year at 82,600 ac-ft.

Streamflow

The 50% exceedance forecasts for the June through September period are expected to be above average for the basin. The yield for Tongue River near Dayton is 96,000 ac-ft (135% of average). Big Goose Creek near Sheridan is 71,000 ac-ft (161% of average). Little Goose Creek near Bighorn is 40,000 ac-ft (138% of average). The Tongue River Reservoir Inflow is 215,000 ac-ft (141% of average). The Middle Fork of the Powder River near Barnum is 9,800 ac-ft (142% of average). The North Fork of the Powder River near Hazelton should yield around 10,400 ac-ft (176% of average). Rock Creek near Buffalo will yield about 22,000 ac-ft (138% of average), and Piney Creek at Kearny should yield about 52,000 ac-ft (163% of average). The Powder River at Moorehead is 245,000 ac-ft (191% of average). The Powder River near Locate is 285,000 ac-ft (202% of average). See the following page for detailed runoff volumes.

POWDER & TONGUE RIVER BASINS

Streamflow Forecasts – June 1, 2008

Forecast Pt / Forecast Period	<=== Drier === 90% (1000AF)	70% (1000AF)	Future Conditions Chance of Exceeding * 50% (1000AF)	50% (% AVG.)	=== Wetter ===> 30% (1000AF)	10% (1000AF)	30 Yr Avg (1000AF)
TONGUE RIVER nr Dayton (2)							
JUN-JUL	63	74	81	140	88	99	58
JUN-SEP	75	88	96	135	104	117	71
BIG GOOSE CREEK nr Sheridan							
JUN-JUL	47	56	62	177	68	77	35
JUN-SEP	55	65	71	161	77	87	44
LITTLE GOOSE CREEK nr Big Horn							
JUN-JUL	25	29	31	148	33	37	21
JUN-SEP	32	37	40	138	43	48	29
TONGUE RIVER RESERVOIR Inflow (2)							
JUN-JUL	136	165	185	147	205	235	126
JUN-SEP	155	191	215	141	240	275	153
MIDDLE FORK POWDER nr Barnum							
JUN-JUL	4.9	7.2	8.8	149	10.4	12.7	5.9
JUN-SEP	5.7	8.2	9.8	142	11.4	13.9	6.9
NORTH FORK POWDER nr Hazelton							
JUN-JUL	7.1	8.4	9.3	182	10.2	11.5	5.1
JUN-SEP	7.9	9.4	10.4	176	11.4	12.9	5.9
ROCK CREEK nr Buffalo							
JUN-JUL	14.0	16.9	18.9	158	21	24	12.0
JUN-SEP	16.2	19.7	22	138	24	28	15.9
PINEY CREEK at Kearny							
JUN-JUL	39	46	51	176	56	63	29
JUN-SEP	37	46	52	163	58	67	32
POWDER RIVER at Moorehead							
JUN-JUL	101	140	225	214	192	230	105
JUN-SEP	120	160	245	191	215	255	128
POWDER RIVER near Locate							
JUN-JUL	235	255	260	224	275	295	116
JUN-SEP	250	270	285	202	300	325	141

* 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.

POWDER & TONGUE RIVER BASINS

Reservoir Storage (1000AF) End of May

Reservoir	Usable Capacity	********** Usable Storage ********* This Year	Last Year	Average
TONGUE RIVER	79.1	82.6	80.2	48.0

POWDER & TONGUE RIVER BASINS

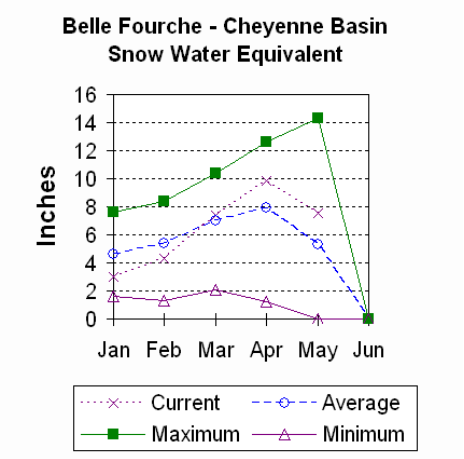
Watershed Snowpack Analysis - June 1, 2008

Watershed	Number of Data Sites	This Year as Percent of Last Year	Average
UPPER TONGUE RIVER	7	333	236
GOOSE CREEK	2	0	242
CLEAR CREEK	2	1200	289
CRAZY WOMAN CREEK	1	889	348
UPPER POWDER RIVER	3	1222	224
POWDER RIVER in WY	5	1207	264

Belle Fourche and Cheyenne River Basins

Snow

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

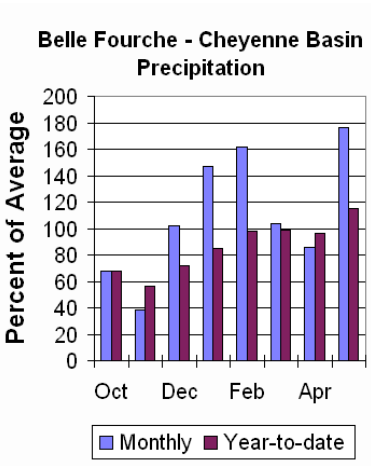


Precipitation

Precipitation for last month was 176% of average or 100% of last year in the Black Hills. There were 3 reporting stations. Monthly percentages range from 107-300%. Year-to-date precipitation is 115% of average and 111% of last year's amount. Yearly percentages range from 101-141% of average.

Reservoir

Current reservoir storage is around 78% of average in the basin. Angostura is currently storing 62% of average (72,400 ac-ft), about 59% of capacity. Belle Fourche reservoir is storing 113% of average (172,400 ac-ft), about 97% of capacity. Deerfield reservoir is storing 93% of average (12,700 ac-ft), about 84% of capacity. Keyhole reservoir is storing 71% of average (84,200 ac-ft), about 43% of capacity. Pactola reservoir is storing 71% of average (34,700 ac-ft), about 63% of capacity. Shadehill reservoir is storing 44% of average (30,000 ac-ft), about 37% 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% exceedance forecasts for the June through July period. The Deerfield Reservoir Inflow is 2,900 ac-ft (126% of average). Pactola Reservoir Inflow is expected to yield around 20,000 ac-ft (185% of average). See the following page for detailed runoff volumes.

BELLE FOURCHE & CHEYENNE RIVER BASINS

Streamflow Forecasts - June 1, 2008

Forecast Pt / Forecast Period	<=== Drier === 90% (1000AF)	70% (1000AF)	Future Conditions 50% (1000AF)	50% (% AVG.)	=== Wetter ===> 30% (1000AF)	10% (1000AF)	30 Yr Avg (1000AF)
DEERFIELD RESERVOIR Inflow							
JUN-JUL	1.5	2.4	2.9	126	3.4	4.3	2.3
PACTOLA RESERVOIR Inflow							
JUN-JUL	11.3	16.5	20	185	24	29	10.8

* 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.

BELLE FOURCHE & CHEYENNE RIVER BASINS

Reservoir Storage (1000AF) End of May

Reservoir	Usable Capacity	********** Usable Storage ********* This Year	Last Year	Average
ANGOSTURA	122.1	72.4	47.3	117.2
BELLE FOURCHE	178.4	172.4	128.2	152.3
DEERFIELD	15.2	12.7	12.7	13.6
KEYHOLE	193.8	84.2	68.7	118.9
PACTOLA	55.0	34.7	34.1	48.6
SHADEHILL	81.4	30.0	31.4	68.7

BELLE FOURCHE & CHEYENNE RIVER BASINS

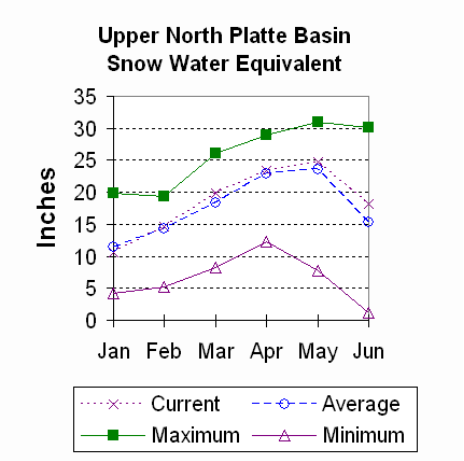
Watershed Snowpack Analysis - June 1, 2008

Watershed	Number of Data Sites	This Year as Percent of Last Year	Average
BELLE FOURCHE	2	0	0

Upper North Platte River Basin

Snow

The SNOTELS above Seminoe Reservoir are showing about 119% of average (SWE) for this time of the year. SWE in the drainage area above Northgate is about 121% of average at this time. SWE in the Encampment River drainage is about 133% of average. Brush Creek SWE for the year is about 99% of average. Medicine Bow and Rock Creek drainages SWE are about 112% of average. For more information see Basin Summary of Snow Courses at the beginning of this report.

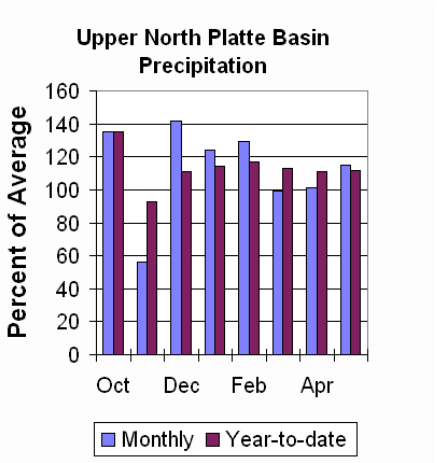


Precipitation

Nine reporting stations show last month's precipitation at 115% of average or 167% of last year's amount. Precipitation varied from 81-208% of average last month. Total water-year-to-date precipitation is about 112% of average for the basin, which is about 132% of last year's amount. Year to date percentage ranges from 86-121% of average.

Reservoirs

Seminoe Reservoir is estimated to be storing 220,000 ac-ft or 39% of capacity. Seminoe Reservoir is also storing about 60% of average for this time of the year and 92% 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 June through September period and are expected to be above average for the Upper North Platte River Basin. Yield for the North Platte River near Northgate will be around 185,000 ac-ft (116% of average). The Encampment River near Encampment is 125,000 ac-ft (116% of average). Rock Creek near Arlington is 34,000 ac-ft (83% of average). Sweetwater River near Alcova runoff is 35,000 ac-ft (90% of average). Seminoe Reservoir inflow should be around 575,000 ac-ft (115% of average). See the following table for more detailed information on projected runoff.

UPPER NORTH PLATTE RIVER BASIN

Streamflow Forecasts - June 1, 2008

Forecast Pt / Forecast Period	<=== Drier === 90% (1000AF)	70% (1000AF)	Future Conditions — Chance of Exceeding * — 50% (1000AF)	50% (% AVG.)	=== Wetter ===> 30% (1000AF)	10% (1000AF)	30 Yr Avg (1000AF)
NORTH PLATTE RIVER nr Northgate							
JUN-JUL	125	142	155	117	168	188	133
JUN-SEP	152	172	185	116	198	220	159
ENCAMPMENT RIVER nr Encampment							
JUN-JUL	87	104	115	116	126	143	99
JUN-SEP	94	112	125	116	138	156	108
ROCK CREEK nr Arlington							
JUN-JUL	28	31	32	84	34	36	38
JUN-SEP	30	32	34	83	36	38	41
SWEETWATER RIVER nr Alcova							
JUN-JUL	20	26	30	91	34	40	33
JUN-SEP	27	32	35	90	38	43	39
SEMINOE RESERVOIR Inflow							
JUN-JUL	355	445	505	116	565	655	435
JUN-SEP	385	500	575	115	650	765	500

* 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.

UPPER NORTH PLATTE RIVER BASIN

Reservoir Storage (1000AF) End of May

Reservoir	Usable Capacity	********** Usable Storage ********* This Year	Last Year	Average
SEMINOE	1016.7	394.9	429.8	658.3

UPPER NORTH PLATTE RIVER BASIN

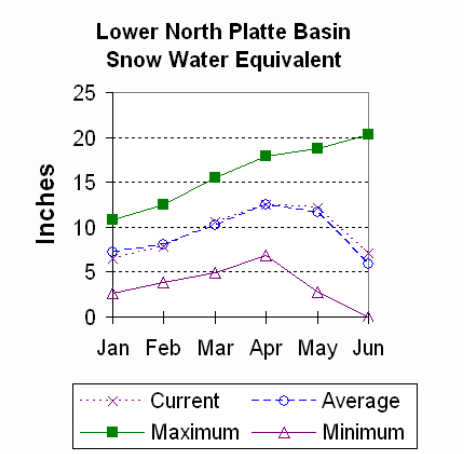
Watershed Snowpack Analysis - June 1, 2008

Watershed	Number of Data Sites	This Year as Percent of Last Year	Average
N PLATTE above Northgate	5	295	121
ENCAMPMENT RIVER	3	435	133
BRUSH CREEK	2	281	99
MEDICINE BOW & ROCK CREEKS	2	220	112
N PLATTE above Seminoe	13	306	119

Lower North Platte River Basin

Snow

SWE for the North Platte River Basin is at 121% of average. The Sweetwater drainage SWE is currently at 145% of average. Deer and LaPrele Creek SWE are at 162% of average. SWE for the North Platte above the Laramie River drainage is 122% of average. SWE for the Laramie River above Laramie is 153% of average. SWE for the Little Laramie River is 155% of average. The Laramie River above mouth, SWE is 140% of average. For more information see Basin Summary of Snow Courses at the beginning of this report.

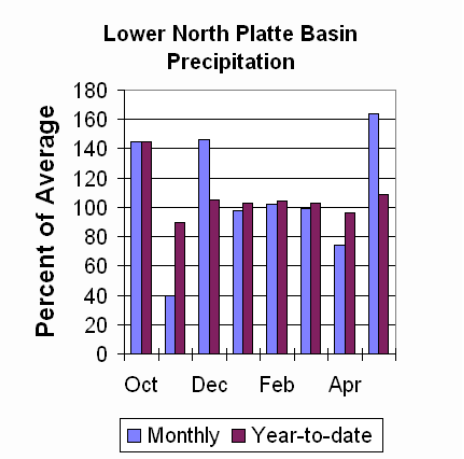


Precipitation

Last month's precipitation was 164% of average or 170% of last year's amount. Of the 14 reporting stations, percentages for the month range from 88-289%. The water year-to-date precipitation for the basin is currently 109% of average (117% of last year). Year-to-date percentages range from 83-138% of average.

Reservoir

The Lower North Platte River basin reservoir storage is below average at 65%. Reservoir storage is as follows: Alcova 179,900 ac-ft (101% of average); Glendo 528,800 ac-ft (105% of average); Guernsey 30,500 ac-ft (84% of average); Pathfinder 246,800 ac-ft (32% of average); Seminoe 394,900 ac-ft (60% of average); and Wheatland #2 48,200 ac-ft (82% of average).



Streamflow

The following yields are based on the 50% exceedance forecasts for the June through September period. The Sweetwater near Alcova is forecast to yield about 35,000 ac-ft (90% of average). Deer Creek at Glenrock is forecast to yield 7,600 ac-ft (125% of average). LaPrele Creek above the reservoir is forecast to yield 5,500 ac-ft (106% of average). North Platte - Alcova to Orin Gain is forecast to yield 33,000 ac-ft (100% of average). North Platte River below Glendo Reservoir is 545,000 ac-ft (116% of average), and below Guernsey Reservoir is anticipated to yield around 585,000 ac-ft (117% of average). Laramie River near Woods Landing should yield around 106,000 ac-ft (119% of average). The Little Laramie near Filmore should produce about 41,000 ac-ft (87% of average). See the following table for more detailed information on projected runoff.

LOWER NORTH PLATTE, SWEETWATER & LARAMIE RIVER BASINS

Streamflow Forecasts - June 1, 2008

Forecast Pt / Forecast Period	<=== Drier === 90% (1000AF)	70% (1000AF)	Future Conditions — Chance of Exceeding * — 50% (1000AF)	50% (% AVG.)	=== Wetter ===> 30% (1000AF)	10% (1000AF)	30 Yr Avg (1000AF)
SWEETWATER RIVER nr Alcova							
JUN-JUL	20	26	30	91	34	40	33
JUN-SEP	27	32	35	90	38	43	39
DEER CREEK at Glenrock							
JUN-JUL	1.9	4.3	6.9	126	10.3	17.1	5.5
JUN-SEP	2.2	4.9	7.6	125	11.1	18.1	6.1
LaPRELE CREEK abv Reservoir							
JUN-JUL	1.0	3.5	5.2	106	6.9	9.4	4.9
JUN-SEP	1.3	3.8	5.5	106	7.2	9.7	5.2
NORTH PLATTE - Alcova to Orin Gain							
JUN-JUL	2.5	15.3	24	96	33	46	25
JUN-SEP	9.8	24	33	100	42	56	33
NORTH PLATTE RIVER blw Glendo Res (2)							
JUN-JUL	400	465	510	116	555	620	440
JUN-SEP	425	495	545	116	595	665	470
NORTH PLATTE RIVER blw Guernsey Res (2)							
JUN-JUL	400	480	535	119	590	670	450
JUN-SEP	440	525	585	117	645	730	500
LARAMIE RIVER nr Woods							
JUN-JUL	65	81	92	120	103	119	77
JUN-SEP	77	94	106	119	118	135	89
LITTLE LARAMIE RIVER nr Filmore							
JUN-JUL	28	33	36	86	39	44	42
JUN-SEP	32	37	41	87	45	50	47

* 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.

LOWER NORTH PLATTE, SWEETWATER & LARAMIE RIVER BASINS

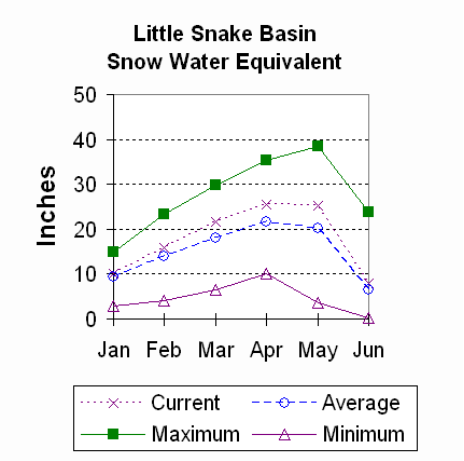
Reservoir Storage (1000AF) End of May

Reservoir	Usable Capacity	********** Usable Storage ********* This Year	Last Year	Average
ALCOVA	184.3	179.9	180.7	178.8
GLENDO	506.4	528.8	498.6	503.4
GUERNSEY	45.6	30.5	27.5	36.2
PATHFINDER	1016.5	246.8	274.1	775.1
SEMINOE	1016.7	394.9	429.8	658.3
WHEATLAND #2	98.9	48.2	46.6	59.0

Little Snake River Basin

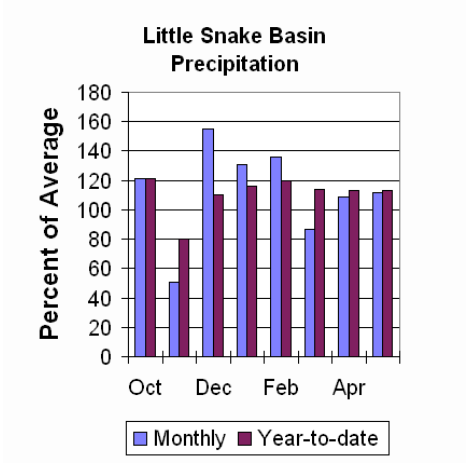
Snow

Currently, snow water equivalent (SWE) in the Little Snake River drainage is 122% of average. For more information see Basin Summary of Snow Courses at beginning of this report.



Precipitation

Precipitation across the basin was above average this past month. Last Month's precipitation was 112% of average (187% of last year) for the 5 reporting stations. Last month's precipitation ranged from 84-165% of average. The Little Snake River basin water-year-to-date precipitation is currently 113% of average (146% of last year). Year-to-date percentages range from 102-128% of average.



Reservoir

High Savery Dam -Pending

Streamflow

The 50% exceedance forecast for the Little Snake River drainage is expected to be well above average this year. Stream yields are based on the 50% exceedance forecast for the June through July period. The Little Snake River near Slater should yield around 95,000 ac-ft (134% of average). The Little Snake River near Dixon is estimated to yield around 190,000 ac-ft (143% of average). See the following table for more detailed information on projected runoff.

LITTLE SNAKE RIVER BASIN

Streamflow Forecasts - June 1, 2008

LITTLE SNAKE RIVER BASIN
Streamflow Forecasts - June 1, 2008

Forecast Pt / Forecast Period	<=== Drier === 90% (1000AF)	70% (1000AF)	Future Conditions — Chance of Exceeding * — 50% (1000AF)	50% (% AVG.)	=== Wetter ===> 30% (1000AF)	10% (1000AF)	30 Yr Avg (1000AF)
Little Snake River nr Slater							
APR-JUL	169	185	196	123	210	225	159
JUN-JUL	68	84	95	134	107	126	71
Little Snake River nr Dixon							
APR-JUL	360	395	420	127	450	495	330
JUN-JUL	129	164	190	143	220	265	133

* 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.

LITTLE SNAKE RIVER BASIN

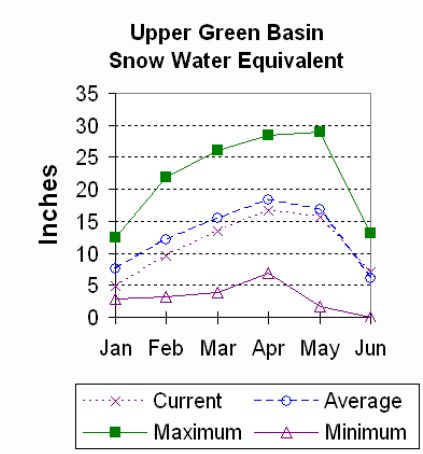
Watershed Snowpack Analysis - June 1, 2008

Watershed	Number of Data Sites	This Year as Percent of Last Year	Average
LITTLE SNAKE RIVER	6	385	122

Upper Green River Basin

Snow

Snow water equivalent (SWE) is above average in the Upper Green River drainage for this time of year. SWE on the west side of the Upper Green River Basin is about 132% of average. Newfork River Basin SWE is now about 36% of average. Big Sandy-Eden Valley Basin is melted out. SWE in the Green River Basin above Fontenelle Reservoir is about 116% of average. For more information see the Basin Summary of Snow Courses at the beginning of this report.

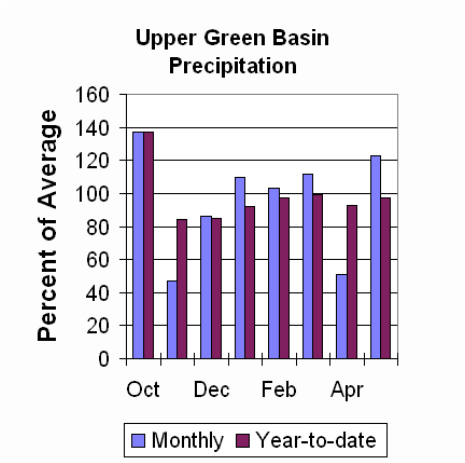


Precipitation

The 12 reporting precipitation sites in the basin were 123% of average last month (340% of last year). Last month's precipitation varied from 85-154% of average. Water year-to-date precipitation is about 97% of average (130% of last year). Year to date percentage of average ranges from 83-115% for the reporting stations.

Reservoir

Storage in Big Sandy Reservoir is 26,900 ac-ft or 70% of capacity. This is 91% of average. Eden Reservoir - No Report. Fontenelle Reservoir is 175,900 ac-ft or 51% of capacity; 97% of average This is 96% of average for the Upper Green River basin. 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 June 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 165,000 ac-ft (89% of average). Pine Creek above Fremont Lake is 67,000 ac-ft (80% of average). New Fork River near Big Piney is 200,000 ac-ft (68% of average). Fontenelle Reservoir Inflow is estimated to be 410,000 ac-ft (72% of average), and Big Sandy near Farson is expected to be around 33,000 ac-ft (85% of average). See the following table for more detailed information on projected runoff.

UPPER GREEN RIVER BASIN

Streamflow Forecasts - June 1, 2008

Forecast Pt / Forecast Period	<=== Drier === 90% (1000AF)	70% (1000AF)	Future Conditions: 50% (1000AF)	50% (% AVG.)	=== Wetter ===> 30% (1000AF)	10% (1000AF)	30 Yr Avg (1000AF)
Green River at Warren Bridge							
APR-JUL	198	220	235	89	250	275	265
JUN-JUL	130	150	165	89	180	205	186
Pine Creek abv Fremont Lake							
APR-JUL	68	77	84	81	90	102	104
JUN-JUL	51	60	67	80	74	85	84
New Fork River nr Big Piney							
APR-JUL	210	245	270	68	295	340	395
JUN-JUL	140	175	200	68	225	270	293
Fontenelle Reservoir Inflow							
APR-JUL	465	540	595	69	655	750	860
JUN-JUL	280	355	410	72	470	565	570
Big Sandy River nr Farson							
APR-JUL	34	40	45	78	50	59	58
JUN-JUL	22	28	33	85	38	47	39

* 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.

UPPER GREEN RIVER BASIN

Reservoir Storage (1000AF) End of May

Reservoir	Usable Capacity	********** Usable Storage ********* This Year	Last Year	Average
BIG SANDY	38.3	26.9	28.7	29.4
EDEN		NO REPORT		
FONTENELLE	344.8	175.9	129.8	181.9

UPPER GREEN RIVER BASIN

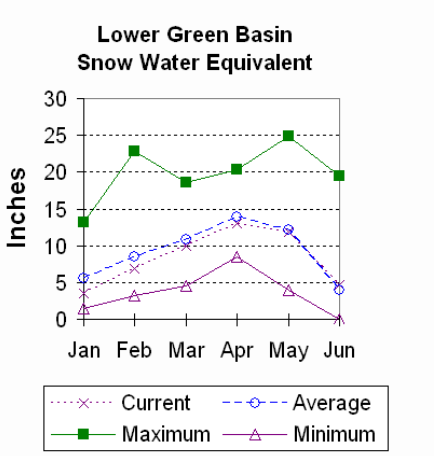
Watershed Snowpack Analysis - June 1, 2008

Watershed	Number of Data Sites	This Year as Percent of Last Year	Average
GREEN above Warren Bridge	4	0	40
UPPER GREEN (West Side)	5	2552	132
NEWFORK RIVER	2	0	36
BIG SANDY/EDEN VALLEY	1	0	0
GREEN above Fontenelle	11	2707	116

Lower Green River Basin

Snow

SWE in the Hams Fork Basin is 120% of average. Blacks Fork Basin SWE is currently 134% of average. The Henrys Fork drainage is melted out. SWE in the Green River Basin above Flaming Gorge is 116% of average. For more information see Basin Summary of Snow Courses at beginning of this report.

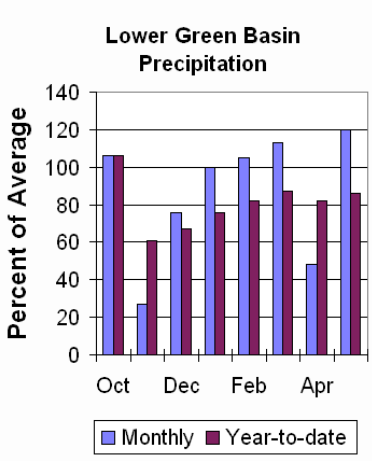


Precipitation

Precipitation was above average for the 4 reporting stations during last month at 120% of average or 184% of last year. Precipitation ranged from 104-133% of average for the month. The basin year-to-date precipitation is currently 86% of average (123% of last year). Year-to-date percentages range from 69-88% of average.

Reservoirs

Fontenelle Reservoir is currently storing 175,900 ac-ft; this is 97% of average (136% of last year). Flaming Gorge is currently storing 3,056,000 ac-ft; this is 101% of average (97% of last year). Viva Naughton is storing 45,200 ac-ft or 116% of average: this is 100% 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 50% exceedance forecasts for the June 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 415,000 ac-ft (72% of average). The Blacks Fork near Robertson is forecast to yield 56,000 ac-ft (84% of average). East Fork of Smiths Fork near Robertson is forecast to yield 17,500 ac-ft (83% of average). Hams Fork below Pole Creek near Frontier is 25,000 ac-ft (76% of average). The Hams Fork Inflow to Viva Naughton Reservoir is 30,000 ac-ft (82% of average). The Flaming Gorge Reservoir inflow will be about 530,000 ac-ft (73% of average). See the following table for more detailed information on projected runoff.

LOWER GREEN RIVER BASIN

Streamflow Forecasts - June 1, 2008

Forecast Pt / Forecast Period	<=== Drier === 90% (1000AF)	70% (1000AF)	Future Conditions: 50% (1000AF)	50% (% AVG.)	=== Wetter ===> 30% (1000AF)	10% (1000AF)	30 Yr Avg (1000AF)
Green River nr Green River, WY (2)							
APR-JUL	460	540	600	69	665	765	875
JUN-JUL	275	355	415	72	480	580	580
Blacks Fork nr Robertson							
APR-JUL	59	70	80	84	91	108	95
JUN-JUL	34	46	56	84	67	84	67
EF of Smiths Fork nr Robertson							
APR-JUL	13.6	17.9	21	72	25	31	29
JUN-JUL	9.9	14.2	17.5	83	21	27	21
Hams Fk blw Pole Ck nr Frontier							
APR-JUL	37	42	46	71	51	58	65
JUN-JUL	15.8	21	25	76	29	36	33
Hams Fork Inf to Viva Naughton Res							
APR-JUL	51	60	66	74	72	84	89
JUN-JUL	15.6	24	30	82	37	49	37
Flaming Gorge Reservoir Inflow (2)							
APR-JUL	560	685	785	66	895	1080	1190
JUN-JUL	305	430	530	73	640	820	730

* 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.

LOWER GREEN RIVER BASIN

Reservoir Storage (1000AF) End of May

Reservoir	Usable Capacity	This Year	Last Year	Average
		********** Usable Storage *********		
FONTENELLE	344.8	175.9	129.8	181.9
FLAMING GORGE	3749.0	3149.0	3009.0	3040.0
VIVA NAUGHTON RES	42.4	45.2	45.4	39.0

LOWER GREEN RIVER BASIN

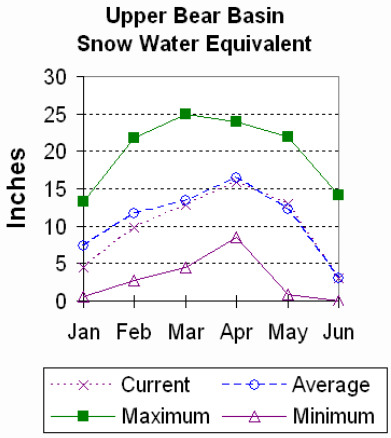
Watershed Snowpack Analysis - June 1, 2008

Watershed	Number of Data Sites	This Year as Percent of Last Year	Average
HAMS FORK RIVER	3	0	120
BLACKS FORK	2	32	19
HENRYS FORK	2	0	0
GREEN above Flaming Gorge	18	743	98

Upper Bear River Basin

Snow

Snow water equivalent (SWE) in the Upper Bear River Basin in Utah is estimated to be 104% of average. SWE in the Wyoming portion of the Bear River drainage (Smiths and Thomas Forks) is estimated at 120% of average. Bear River Basin SWE, above the Idaho State line, is 101% of average. See the Basin Summary of Snow Course Data at the beginning of this report for more detailed information.



Precipitation

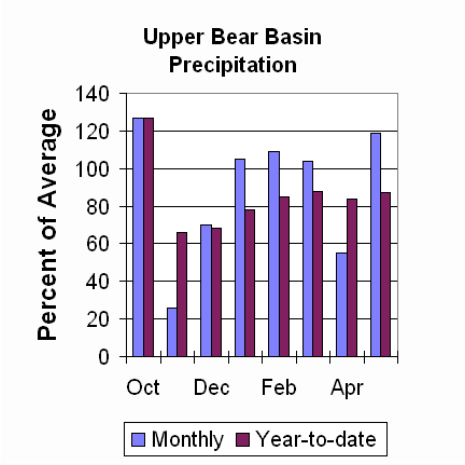
Precipitation for last month was 119% of average for the 2 reporting stations; this is 203% of the precipitation received last year. The year-to-date precipitation, for the basin, is 87% of average; this is 122% of last year's amount.

Reservoir

Storage, in Woodruff Narrows reservoir, is about 56,000 ac-ft (139% of average). Current reservoir storage is about 98% of capacity. Reservoir storage last year at this time was 54,000 ac-ft at this time.

Streamflow

The following 50% exceedance forecasts are for the June through September period. The Bear River near the Utah-Wyoming State Line is 77,000 ac-ft (94% of average). The Bear River above Reservoir near Woodruff is 66,000 ac-ft (93% of average). The Smiths Fork River near Border is 62,000 ac-ft (81% of average). See the following table for more detailed information on projected runoff.



UPPER BEAR RIVER BASIN

Streamflow Forecasts - June 1, 2008

Forecast Pt / Forecast Period	<=== Drier === 90% (1000AF)	70% (1000AF)	Future Conditions — Chance of Exceeding * — 50% (1000AF)	50% (% AVG.)	=== Wetter ===> 30% (1000AF)	10% (1000AF)	30 Yr Avg (1000AF)
Bear River nr UT-WY State Line							
APR-JUL	89	97	103	91	109	117	113
APR-SEP	101	110	117	94	124	133	125
JUN-JUL	53	61	67	96	73	81	70
JUN-SEP	61	70	77	94	84	93	82
Bear River ab Reservoir nr Woodruff							
APR-JUL	86	104	117	86	130	148	136
APR-SEP	97	115	128	90	141	159	142
JUN-JUL	34	47	55	86	63	76	64
JUN-SEP	44	57	66	93	75	88	71
Smiths Fork nr Border							
APR-JUL	71	75	77	75	79	83	103
APR-SEP	79	84	87	72	90	95	121
JUN-JUL	46	50	52	85	54	58	61
JUN-SEP	54	59	62	81	65	70	77

* 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.

UPPER BEAR RIVER BASIN

Reservoir Storage (1000AF) End of May

Reservoir	Usable Capacity	********** Usable Storage ********* This Year	Last Year	Average
WOODRUFF NARROWS	57.3	54.0	57.3	40.3

UPPER BEAR RIVER BASIN

Watershed Snowpack Analysis - June 1, 2008

Watershed	Number of Data Sites	This Year as Percent of Last Year	Average
UPPER BEAR RIVER in Utah	5	0	0
SMITHS & THOMAS FORKS	3	0	120
BEAR RIVER abv ID line	6	411	56
NORTHWEST	47	559	145
NORTHEST	11	307	221
SOUTHEAST	20	447	119
SOUTHWEST	25	564	101

Issued by

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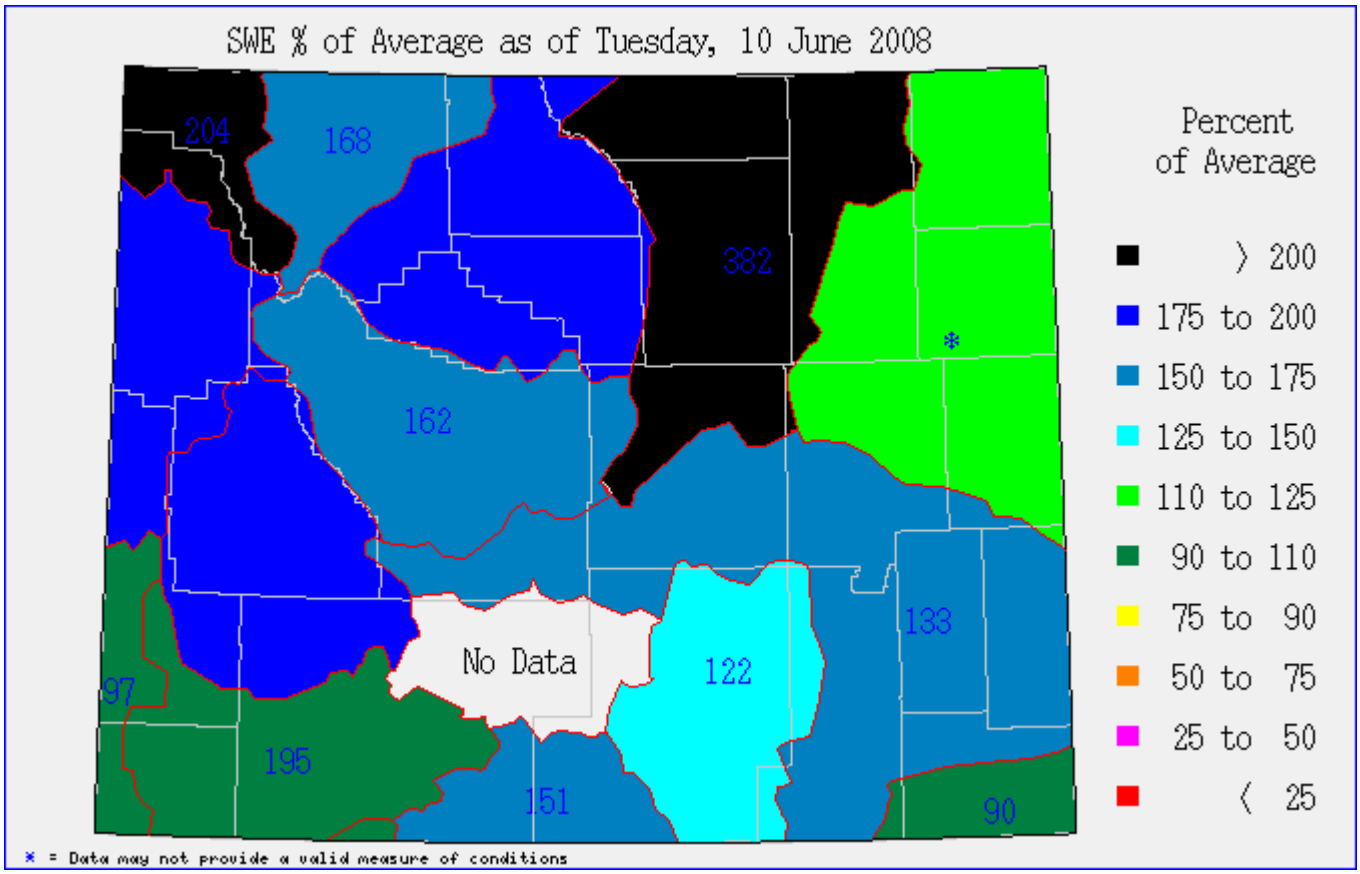

The Following Agencies and Organizations Cooperate with the Natural Resources Conservation Service on the Snow Survey Work.

FEDERAL:

United States Department of the Interior (National Park Service)

United States Department of Agriculture (Forest Service)

United States Department of the Interior (Bureau of Reclamation)

United States Department of Commerce NOAA (National Weather Service)

State:

The Wyoming State Engineers Office

The University of Wyoming

Local:

The City of Cheyenne

The City of Rawlins

Wyoming
Basin Outlook Report

Natural Resources Conservation Service
Casper, WY

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Casper, WY 82601

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