United States
Department of
Agriculture

**Natural
Resources
Conservation
Service**

Wyoming
Basin Outlook Report
January 1, 2009

Basin Outlook Reports
And
Federal - State - Private
Cooperative Snow Surveys

For more water supply and resource management information, contact:

Lee Hackleman
Water Supply Specialist
100 East "B" Street
Casper, WY 82601
(307) 233-6744

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 slightly below average for January 1st at 97% of average. Precipitation for December in the basins varied from 84-137% of average. Year-to-date precipitation for Wyoming is below average for the year and varies from 78-165% of average. Forecasted runoff varies from 40-149% of average across Wyoming for an overall average of 89%. Basin reservoir levels for Wyoming vary from 61-217% of average for an overall average of 95%.

Snowpack

Snow water equivalent (SWE), across Wyoming is slightly below average for this time of year at 97%. SWE in the NW portion of Wyoming is now about 92% of average (101% of last year). NE Wyoming SWE is currently about 124% of average (137% of last year). The SE Wyoming SWE is currently about 86% of average (94% of last year). The SW Wyoming SWE is about 86% of average (113% of last year).

Precipitation

Last month's precipitation was above average across most of Wyoming. The Upper Bear River Basin had the lowest precipitation for the month at 84% of average. The Little Snake Tongue River Basin had the highest precipitation amount at 137% 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	**+11%**	**Upper North Platte River**	**+31%**
Yellowstone & Madison	**+19%**	**Lower North Platte**	**+04%**
Wind River	**+23%**	**Little Snake River**	**+37%**
Big Horn	**+19%**	**Upper Green River**	**+24%**
Shoshone & Clarks Fork	**+26%**	**Lower Green River**	**-12%**
Powder & Tongue River	**+33%**	**Upper Bear River**	**-16%**
Belle Fourche & Cheyenne	**+35%**		

Streams

Stream flow yield is expected to be slightly below average across Wyoming. Most probable yield for the entire State of Wyoming is forecast to be 89% (varying from 40-149% of average). The Snake River and Upper Yellowstone & Madison River Basins are expected to yield about 95 and 93% of average, respectively;90-97% of average for the various forecast points in the basins: Yields from the Wind and Bighorn River Basins are expected to be about 79 and 89% of average, respectively; varying from 67-101% of average in the basins: Yields from the Shoshone and Clarks Fork River Basins of Wyoming are expected to yield about 91% of average; varying from 87-100% of average: Yields from the Powder & Tongue River Basins are expected to be about 102% of average; varying from 83-113% of average: Yields for the Belle Fourche & Cheyenne River Basins are expected to be about 149% of average. Yields for the Upper and Lower North Platte River of Wyoming are expected to be about 76 and 70% of average, respectively; varying from 40-87% of average: Yields for the Little Snake, Green River, and Little Bear of Wyoming are expected to be 97, 85 and 88% of average respectively; yield estimates vary from 83-97% of average:

Reservoirs

Reservoir storage varies widely across the state however reservoir storage is at 95% of average for the entire state. Reservoirs on the North Platte River are well below average at 75% of average. Reservoirs in the northeast are about average in storage at 96%. Reservoirs in the Wind River Basin are below average at 95%. Reservoirs on the Big Horn are about average at 101%. The Buffalo Bill Reservoir on the Shoshone is above average at 108%. Reservoirs on the Green River are below average at 98%. 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	85	85	84	101	100
ANGOSTURA	53	35	79	67	149
BELLE FOURCHE	72	39	51	141	184
BIG SANDY	31	24	48	65	128
BIGHORN LAKE	72	67	67	107	107
BOYSEN	96	64	104	92	151
BUFFALO BILL	70	69	65	108	102
BULL LAKE	59	37	57	103	160
DEERFIELD	94	78	81	116	120
EDEN			NO REPORT		
ENNIS LAKE	67	67	77	87	100
FLAMING GORGE	80	81	81	99	98
FONTENELLE	52	43	61	85	122
GLENDO	42	42	56	75	100
GRASSY LAKE	84	86	76	109	98
GUERNSEY	29	23	16	186	125
HEBGEN LAKE	76	75	71	107	101
JACKSON LAKE	76	36	57	133	209
KEYHOLE	45	30	52	86	151
PACTOLA	91	49	83	110	186
PALISADES	59	31	74	80	194
PATHFINDER	38	20	63	61	194
PILOT BUTTE	81	79	64	127	103
SEMINOE	50	20	62	81	246
SHADEHILL	45	25	62	72	179
TONGUE RIVER	62	64	28	217	96
VIVA NAUGHTON RES			NO REPORT		
WHEATLAND #2			NO REPORT		
WOODRUFF NARROWS	73	42	41	178	175
TOTAL 26 RESERVOIRS	67	54	71	95	124

Raw KAF Totals Current=8839 Last Year=7157 Average=9295 Capacity=13147

BASIN SUMMARY OF SNOW COURSE DATA

JANUARY 2009

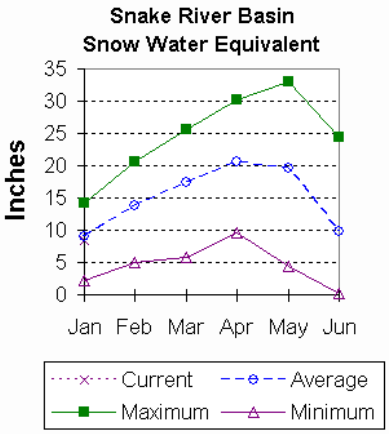
SNOW COURSE	ELEVATION	DATE	SNOW DEPTH	WATER CONTENT	LAST YEAR	AVERAGE 71-00
WYOMING Snow Course and SNOTEL Stations						
ASTER CREEK	7750	1/06/09	56	13.6	11.3	13.1
BALD MOUNTAIN SNOTEL	9380	1/01/09	43	10.2	7.0	9.7
BASE CAMP SNOTEL	7030	1/01/09	---	6.4	7.4	8.2
BATTLE MTN. SNOTEL	7440	1/01/09	133	4.3	5.4	4.1
BEARTOOTH LK. SNOTEL	9280	1/01/09	47	9.4	13.1	11.5
BEAR TRAP SNOTEL	8200	1/01/09	20	3.8	4.3	2.6
BIG GOOSE SNOTEL	7760	1/01/09	17	3.9	4.0	4.4
BIG SANDY SNOTEL	9080	1/01/09	29	5.6	4.8	6.9
BLACKWATER SNOTEL	9780	1/01/09	44	10.6	12.5	12.0
BLIND BULL SNOTEL	8900	1/01/09	43	9.9	9.1	13.2
BLIND PARK SNOTEL	6870	1/01/09	22	4.5	2.0	3.5
BONE SPGS. SNOTEL	9350	1/01/09	40	9.6	6.9	7.8
BROOKLYN LK. SNOTEL	10220	1/01/09	33	8.1	9.0	10.8
BURGESS JCT. SNOTEL	7880	1/01/09	28	6.0	4.7	5.5
BURROUGHS CRK SNOTEL	8750	1/01/09	37	7.6	8.3	6.7
CANYON SNOTEL	8090	1/01/09	26	5.5	7.2	6.1
CASPER MTN. SNOTEL	7850	1/01/09	15	3.4	4.8	6.9
CHALK CK #1 SNOTEL	9100	1/01/09	37	8.8	8.2	10.1
CHALK CK #2 SNOTEL	8200	1/01/09	27	6.0	6.4	6.7
CINNABAR PARK SNOTEL	9690	1/01/09	30	8.0	9.2	9.9
CLOUD PEAK SNOTEL	9850	1/01/09	30	7.9	6.4	5.7
COLE CANYON SNOTEL	5910	1/01/09	14	3.3	1.6	3.3
COLD SPRINGS SNOTEL	9630	1/01/09	20	3.7	2.3	4.6
COTTONWOOD CR SNOTEL	7700	1/01/09	---	10.7	7.8	9.7
CROW CREEK SNOTEL	8830	1/01/09	12	3.9	4.4	3.4
DEER PARK SNOTEL	9700	1/01/09	29	6.3	5.4	6.7
DITCH CREEK	6870	1/02/09	12	2.4	.8	--
DIVIDE PEAK SNOTEL	8860	1/01/09	31	7.9	10.3	9.2
DOME LAKE SNOTEL	8880	1/01/09	27	6.3	4.7	6.1
EAST RIM DIV SNOTEL	7930	1/01/09	---	3.6	2.3	5.9
ELBO RANCH	7100	1/05/09	24	4.7	2.8	--
ELKHART PARK SNOTEL	9400	1/01/09	---	6.4	4.4	6.3
EVENING STAR SNOTEL	9200	1/01/09	53	11.8	14.1	13.7
GLADE CREEK	7040	1/07/09	50	11.0	7.7	10.3
GRAND TARGHEE SNOTEL	9260	1/01/09	63	17.8	21.3	--
GRANITE CRK SNOTEL	6770	1/01/09	---	5.3	5.4	7.6
GRASSY LAKE SNOTEL	7270	1/01/09	56	12.8	12.3	14.7
GRAVE SPRINGS SNOTEL	8550	1/01/09	15	3.1	3.8	4.0
GROS VENTRE SNOTEL	8750	1/01/09	35	7.1	6.5	6.9
HANSEN S.M. SNOTEL	8360	1/01/09	14	2.9	3.2	3.3
HAMS FORK SNOTEL	7840	1/01/09	---	3.2	2.8	5.5
HOBBS PARK SNOTEL	10100	1/01/09	26	6.1	5.0	7.6
HUCKLEBERRY DIVIDE	7300	1/06/09	44	10.0	9.6	9.3
INDIAN CREEK SNOTEL	9430	1/01/09	---	9.3	7.6	12.5
KELLEY R.S. SNOTEL	8180	1/01/09	---	6.2	4.8	7.6
KENDALL R.S. SNOTEL	7740	1/01/09	24	4.9	3.9	6.7
KIRWIN SNOTEL	9550	1/01/09	30	6.4	6.8	5.9
LAKE CAMP	7780	1/02/09	24	5.2	4.4	4.2
LA PRELE SNOTEL	8380	1/01/09	14	2.6	2.2	5.3

SNOW COURSE	ELEVATION	DATE	SNOW DEPTH	WATER CONTENT	LAST YEAR	AVERAGE 71-00
LEWIS LAKE SNOTEL	7850	1/01/09	51	11.7	13.7	14.8
LEWIS LAKE DIVIDE	7850	1/06/09	71	17.4	16.4	17.5
LITTLE BEAR RUN	6240	1/02/09	16	3.6	1.2	1.7
LITTLE WARM SNOTEL	9370	1/01/09	25	5.2	4.3	5.3
LOOMIS PARK SNOTEL	8240	1/01/09	---	7.1	5.6	8.0
LUPINE CREEK	7380	12/30/08	8	.7	.9	4.0
MALLO	6420	1/02/09	26	6.0	1.5	2.9
MARQUETTE SNOTEL	8760	1/01/09	8	2.2	1.6	5.0
MIDDLE POWDER SNOTEL	7760	1/01/09	25	4.1	4.4	5.5
MORAN	6750	1/08/09	34	7.4	4.2	5.7
NEW FORK SNOTEL	8340	1/01/09	26	5.9	3.2	5.4
NORRIS BASIN	7500	12/30/08	20	4.3	5.2	5.1
NORTH FRENCH SNOTEL	10130	1/01/09	49	12.3	12.8	13.4
NORTH RAPID CK SNTL	6130	1/01/09	18	4.9	2.8	3.3
OLD BATTLE SNOTEL	9920	1/01/09	50	12.7	13.8	14.6
OLD FAITHFUL	7400	1/01/09	32	5.2	4.4	6.0
OWL CREEK SNOTEL	8980	1/01/09	12	3.1	2.6	2.7
PARKERS PEAK SNOTEL	9400	1/01/09	52	11.3	12.9	10.6
PHILLIPS BNCH SNOTEL	8200	1/01/09	52	12.0	10.3	12.6
POWDER RVR.PASS SNTL	9480	1/01/09	26	6.2	5.3	5.3
RENO HILL SNOTEL	8500	1/01/09	18	4.0	5.5	6.6
SAGE CK BASIN SNTL	7850	1/01/09	18	4.0	7.5	5.3
SALT RIVER SNOTEL	7600	1/01/09	---	5.0	3.4	5.4
SAND LAKE SNOTEL	10050	1/01/09	42	11.1	12.1	14.9
SANDSTONE RS SNOTEL	8150	1/01/09	36	5.8	6.3	5.3
SHELL CREEK SNOTEL	9580	1/01/09	37	8.8	7.7	7.3
SNAKE RIVER STATION	6920	1/06/09	38	7.9	6.3	8.9
SNAKE RV STA SNOTEL	6920	1/01/09	27	6.0	6.1	7.9
SNIDER BASIN SNOTEL	8060	1/01/09	27	5.4	3.4	6.9
SOUTH BRUSH SNOTEL	8440	1/01/09	24	6.0	5.8	5.1
SOUTH PASS SNOTEL	9040	1/01/09	32	6.2	4.8	8.2
SPRING CRK. SNOTEL	9000	1/01/09	45	10.0	7.8	12.5
ST LAWRENCE ALT SNTL	8620	1/01/09	9	1.8	2.4	3.8
SUCKER CREEK SNOTEL	8880	1/01/09	31	7.3	5.2	5.2
SYLVAN LAKE SNOTEL	8420	1/01/09	37	8.0	9.4	10.5
SYLVAN ROAD SNOTEL	7120	1/01/09	23	5.2	4.6	6.2
THUMB DIVIDE SNOTEL	7980	1/01/09	36	7.7	6.1	7.6
THUMB DIVIDE	7980	1/06/09	38	8.1	5.5	8.1
TIE CREEK SNOTEL	6870	1/01/09	10	1.9	2.1	2.5
TIMBER CREEK SNOTEL	7950	1/01/09	10	2.5	1.6	3.0
TOGWOTEE PASS SNOTEL	9580	1/01/09	57	12.7	13.2	11.7
TOWNSEND CRK SNOTEL	8700	1/01/09	16	3.7	2.8	4.4
TRIPLE PEAK SNOTEL	8500	1/01/09	41	10.2	8.4	11.9
TWO OCEAN SNOTEL	9240	1/01/09	59	15.4	18.3	13.5
WEBBER SPRING SNOTEL	9250	1/01/09	39	9.9	10.4	11.5
WHISKEY PARK SNOTEL	8950	1/01/09	40	10.3	11.0	11.1
WILLOW CREEK SNOTEL	8450	1/01/09	---	12.9	10.6	14.3
WINDY PEAK SNOTEL	7900	1/01/09	10	2.4	3.0	3.5
WOLVERINE SNOTEL	7650	1/01/09	22	4.6	4.2	5.8
YOUNTS PEAK SNOTEL	8350	1/01/09	36	8.7	8.0	7.9

Snake River Basin

Snow

The Snake River Basin snow water equivalent (SWE) is slightly below average at 93%. SWE in the Snake River Basin above Jackson Lake is 99% of average. Pacific Creek Basin SWE is 107% of average. Gros Ventre River Basin SWE is 106% of average. SWE in the Hoback River drainage is 79% of average. SWE in the Greys River drainage is 88% of average. In the Salt River area SWE is 97% of average. SWE in the Snake River Basin above Palisades is 93% of average. See the "Basin Summary of Snow Course Data" at the beginning of this report for a detailed listing of snow course information.

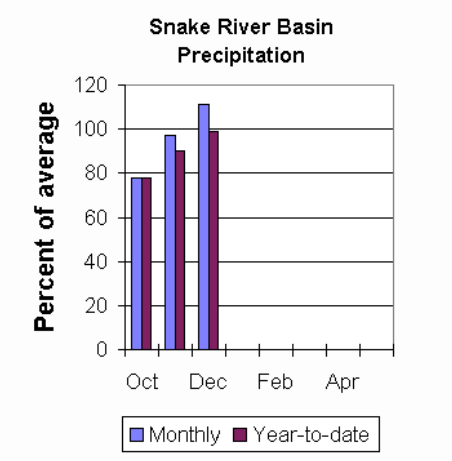


Precipitation

Precipitation across the basin was above average last month. Monthly precipitation for the basin was 111% of average (122% of last year). Last month's percentages range from 80-178% of average. Water-year-to-date precipitation is 99% of average for the Snake River Basin (94% of last year). Year-to-date percentages range from 76-117% of average.

Reservoir

Current reservoir storage is 97% of average for the 3 storage reservoirs in the basin. Grassy Lake storage is about 109% of average (12,700 ac-ft compared to 13,000 last year). Jackson Lake storage is 133% of average (639,500 ac-ft compared to 306,300 ac-ft last year). Palisades Reservoir storage is about 80% of average (829,100 ac-ft compared to 428,200 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 April through September are slightly below average for the basin. The Snake near Moran is 855,000 ac-ft (95% of average). Snake above reservoir near Alpine is 2,466,000 ac-ft (90% of average). The Snake near Irwin is 3,670,000 ac-ft (95% of average). The Snake near Heise is 3,950,000 ac-ft (95% of average). Pacific Creek at Moran is 170,000 ac-ft (96% of average). Greys River above Palisades Reservoir is 365,000 ac-ft (92% of average). Salt River near Etna is 380,000 ac-ft (91% of average). See the following page for detailed runoff volumes.

SNAKE RIVER BASIN

Streamflow Forecasts - January 1, 2009

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 nr Moran (1,2)							
APR-JUL	496	688	775	95	862	1054	815
APR-SEP	545	758	855	95	952	1165	905
SNAKE abv Resv nr Alpine (1,2)							
APR-JUL	1251	1868	2148	91	2428	3045	2370
APR-SEP	1450	2149	2466	90	2783	3482	2730
SNAKE nr Irwin (1,2)							
APR-JUL	2163	2821	3120	94	3419	4077	3330
APR-SEP	2592	3333	3670	95	4007	4748	3870
SNAKE near Heise (2)							
APR-JUL	2531	3007	3330	94	3653	4129	3560
APR-SEP	3037	3581	3950	95	4319	4863	4160
Pacific Ck At Moran							
APR-JUL	104	140	165	97	190	226	171
APR-SEP	108	145	170	96	195	232	178
Greys R Nr Alpine							
APR-JUL	216	275	315	93	355	414	340
APR-SEP	249	318	365	92	412	481	395
Salt R Nr Etna							
APR-JUL	159	249	310	91	371	461	340
APR-SEP	204	309	380	91	451	556	420

* 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 December

Reservoir	Usable Capacity	********** Usable Storage ********* This Year	Last Year	Average
GRASSY LAKE	15.2	12.7	13.0	11.6
JACKSON LAKE	847.0	639.5	306.3	481.7
PALISADES	1400.0	829.1	428.2	1036.5

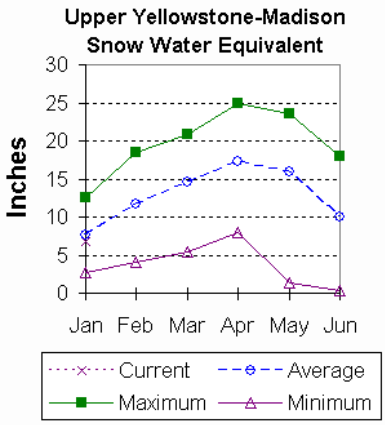
SNAKE RIVER BASIN
Watershed Snowpack Analysis - January 1, 2009

Watershed	Number of Data Sites	This Year as Percent of Last Year	Average
SNAKE above Jackson Lake	9	107	99
PACIFIC CREEK	3	98	107
GROS VENTRE RIVER	2	107	106
HOBACK RIVER	5	114	79
GREYS RIVER	4	123	88
SALT RIVER	3	131	97
SNAKE above Palisades	21	112	93

Upper Yellowstone & Madison River Basins

Snow

Snowfall in these basins has been fair so far this year, but SWE in both basins is slightly below average for this time of year. Snow water equivalent (SWE) is about 88% of average in the Madison drainage. SWE in the Yellowstone drainage is about 95% of average. See the "Basin Summary of Snow Course Data" at the front of this report for details.

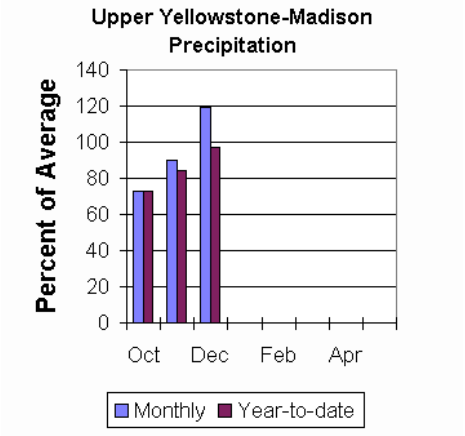


Precipitation

Last month precipitation in the Madison and Yellowstone drainage was about 119% of average 99% of last year). For the 5 reporting stations percentages range from 100-167% of average. Water-year-to-date precipitation is about 97% of average (75% of last year's amount). Year to date percentage ranges from 82-111%.

Reservoir

Ennis Lake is storing about 27,400 ac-ft of water (67% of capacity, 87% of average or 100% of last year's volume). Hebgen Lake is storing about 285,800 ac-ft of water (76% of capacity, 107% of average or 101% 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 April through September are slightly below average for the basin. Yellowstone at Lake Outlet is 745,000 ac-ft (93% of average). Yellowstone at Corwin Springs will yield around 1,850,000 ac-ft (94% of average). Yellowstone near Livingston will yield around 2,110,000 ac-ft (93% of average). Hebgen Reservoir inflow is 450,000 ac-ft (90% of average). See the following page for detailed runoff volumes.

UPPER YELLOWSTONE & MADISON RIVER BASINS

Streamflow Forecasts - January 1, 2009

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							
APR-JUL	425	510	565	96	620	705	590
APR-SEP	565	670	745	93	820	925	805
YELLOWSTONE RIVER at Corwin Springs							
APR-JUL	1240	1440	1580	96	1720	1920	1650
APR-SEP	1450	1690	1850	94	2010	2250	1970
YELLOWSTONE RIVER near Livingston							
APR-JUL	1400	1640	1800	95	1960	2200	1900
APR-SEP	1640	1920	2110	93	2300	2580	2280
HEBGEN Reservoir Inflow							
APR-JUL	265	315	350	90	385	435	390
APR-SEP	345	410	450	90	490	555	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 YELLOWSTONE & MADISON RIVER BASINS

Reservoir Storage (1000AF) End of December

Reservoir	Usable Capacity	********** Usable Storage ********* This Year	Last Year	Average
ENNIS LAKE	41.0	27.4	27.4	31.5
HEBGEN LAKE	377.5	285.8	282.2	267.6

UPPER YELLOWSTONE & MADISON RIVER BASINS

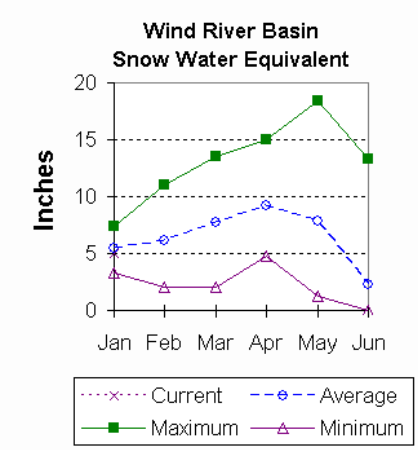
Watershed Snowpack Analysis - January 1, 2009

Watershed	Number of Data Sites	This Year as Percent of Last Year	Average
MADISON RIVER in WY	8	87	86
YELLOWSTONE RIVER in WY	11	91	95

Wind River Basin

Snow

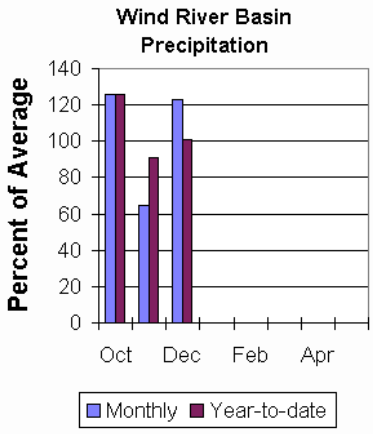
The Wind River Basin above Boysen Reservoir has slightly below average snow water equivalent (SWE 93%) for this time of the year. SWE in the Wind River above Dubois is 108% of average. The Little Wind SWE is 69% of average, and the Popo Agie drainage SWE is about 83% of average. See the "Basin Summary of Snow Course Data" at the front of this report for details.



Precipitation

Last months precipitation in the basin varied from 120-155% of average. Precipitation, for the basin, was about 123% of average from the 8 reporting stations; that is about 101% of last year's amount. Water year-to-date precipitation is 101% of average and about 95% of last year at this time. Year-to-date percentages range from 95-117% of average.

Reservoirs



Current storage varies from 67-99% of average. Usable storage in Bull Lake is currently about 89,200 ac-ft (103% of average) - the reservoir is about 160% of last year. Boysen Reservoir is storing about 92% of average (572,800 ac-ft) – the reservoir is about 151% of last year. Pilot Butte is at 127% of average (25,600 ac-ft) – the reservoir is about 103% 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 April through September runoff period for the basin are below average. Dinwoody Creek near Burris is 85,000 ac-ft (90% of average). The Wind River above Bull Lake Creek is 480,000 ac-ft (90% of average). Bull Lake Creek near Lenore is 150,000 ac-ft (82% of average). Wind River at Riverton will yield around 540,000 ac-ft (84% of average). Little Popo Agie River near Lander is around 42,000 ac-ft (79% of average). South Fork of Little Wind near Fort Washakie will yield around 59,000 ac-ft (70% of average). Little Wind River near Riverton will yield around 210,000 ac-ft (67% of average). Boysen Reservoir inflow will yield around 635,000 ac-ft (79% of average). See the following page for detailed runoff volumes.

WIND RIVER BASIN

Streamflow Forecasts - January 1, 2009

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							
APR-JUL	45	55	61	91	67	77	67
APR-SEP	64	76	85	90	94	106	94
WIND RIVER abv Bull Lake Cr (2)							
APR-JUL	230	325	390	90	455	550	435
APR-SEP	300	405	480	90	555	660	535
BULL LAKE CR near Lenore							
APR-JUL	78	104	122	82	140	166	148
APR-SEP	97	129	150	82	171	205	182
WIND RIVER at Riverton (2)							
APR-JUL	270	385	460	84	535	650	545
APR-SEP	310	450	540	84	630	770	640
LT POPO AGIE RIVER nr Lander							
APR-JUL	15.1	28	37	80	46	59	46
APR-SEP	18.6	33	42	79	51	65	53
SF LT WIND nr Fort Washakie							
APR-JUL	28	42	52	71	62	76	73
APR-SEP	32	48	59	70	70	86	84
LT WIND RIVER nr Riverton							
APR-JUL	44	133	194	69	255	345	280
APR-SEP	47	144	210	67	275	375	315
BOYSEN RESERVOIR Inflow (2)							
APR-JUL	188	415	570	80	725	950	717
APR-SEP	205	460	635	79	810	1070	809

* 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 December

Reservoir	Usable Capacity	********** Usable Storage ********* This Year	Last Year	Average
BULL	151.8	89.2	55.7	86.3
BOYSEN	596.0	572.8	379.4	620.4
PILOT BUTTE	31.6	25.6	24.9	20.2

WIND RIVER BASIN

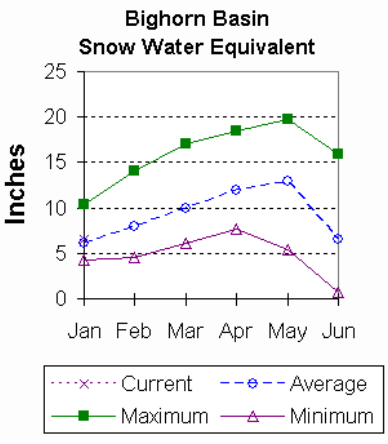
Watershed Snowpack Analysis - January 1, 2009

Watershed	Number of Data Sites	This Year as Percent of Last Year	Average
WIND RIVER above Dubois	3	99	108
LITTLE WIND	2	107	69
POPO AGIE	4	124	83
WIND above Boysen Resv	7	110	93

Bighorn River Basin

Snow

The Bighorn River Basin above Bighorn Reservoir SWE is above average at 107%. The Nowood River is at 95% of average. The Greybull River SWE is at 100% of average. Shell Creek SWE is 115% of average. See the "Basin Summary of Snow Course Data" at the front of this report for details.

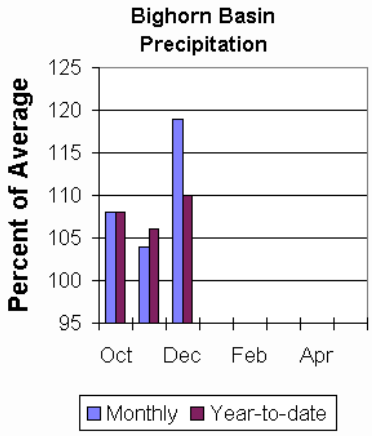


Precipitation

Last month's precipitation was 119% of average (105% of last year). Sites ranged from 84-200% of average for the month. Year-to-date precipitation is 110% of average; that is 96% of last year at this time. Year-to-date percentages, from the 9 reporting stations, range from 92-155%.

Reservoir

Boysen Reservoir is currently storing 572,800 ac-ft (92% of average). Bighorn Lake is now at 107% of average (975,400 ac-ft). Boysen is currently storing 151% of last year volume at this time and Big Horn Lake is storing 107% 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 April through September runoffs are anticipated to be above average. Boysen Reservoir inflow is 635,000 ac-ft (79% of average); the Greybull River near Meeteetse should yield around 200,000 ac-ft (100% of average); Shell Creek near Shell should yield around 73,000 ac-ft (101% of average) and the Bighorn River at Kane should yield around 975,000 ac-ft (88% of average). See the following page for detailed runoff volumes.

BIGHORN RIVER BASIN

Streamflow Forecasts - January 1, 2009

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)
BOYSEN RESERVOIR Inflow (2)							
APR-JUL	188	415	570	80	725	950	717
APR-SEP	205	460	635	79	810	1070	809
GREYBULL RIVER nr Meeteetse							
APR-JUL	112	133	148	100	163	184	148
APR-SEP	154	181	200	100	220	245	200
SHELL CREEK nr Shell							
APR-JUL	46	55	61	102	67	76	60
APR-SEP	57	66	73	101	80	89	72
BIGHORN RIVER at Kane (2)							
APR-JUL	425	700	890	89	1080	1360	1000
APR-SEP	460	765	975	88	1180	1490	1110

* 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 December

Reservoir	Usable Capacity	********** Usable Storage ********* This Year	Last Year	Average
BOYSEN		NO REPORT		
BIGHORN LAKE	1356.0	975.4	915.0	911.1

BIGHORN RIVER BASIN

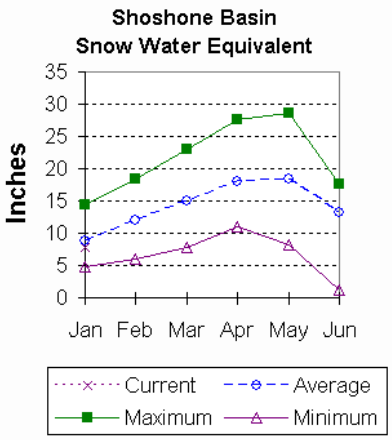
Watershed Snowpack Analysis - January 1, 2009

Watershed	Number of Data Sites	This Year as Percent of Last Year	Average
NOWOOD RIVER	2	106	95
GREYBULL RIVER	2	106	100
SHELL CREEK	3	132	115
BIGHORN (Boysen-Bighorn)	7	120	107

Shoshone and Clarks Fork River Basin

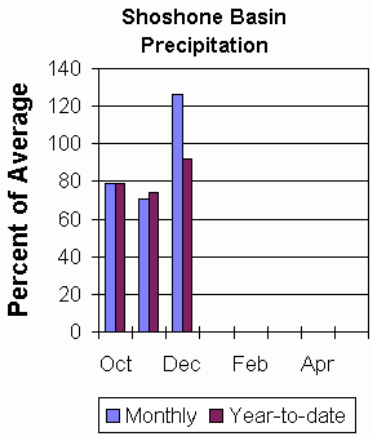
Snow

Snowpack in these basins are slightly below average for this time of year. Snow Water Equivalent (SWE) is 84% of average in the Shoshone River Basin. The Clarks Fork River Basin SWE is 90% of average. See the "Basin Summary of Snow Course Data" at the front of this report for details.



Precipitation

Precipitation for last month was 126% of average (114% of last year). Monthly percentages range from 103-175% of average. The basin year-to-date precipitation is now 92% of average (74% of last year). Year-to-date percentages range from 77-111% of average for the 8 reporting stations.



Reservoir

Current storage in Buffalo Bill Reservoir is about 108% of average (102% of last year's storage) – the reservoir is at about 70% of capacity. Currently, about 452,800 ac-ft are stored in the reservoir compared to 443,400 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 April through September period are expected to be about average for the basin. The North Fork Shoshone River at Wapiti is 470,000 ac-ft (90% of average). The South Fork of the Shoshone River near Valley is 260,000 ac-ft (98% of average), and the South Fork above Buffalo Bill Reservoir runoff is 225,000 ac-ft (100% of average). The Buffalo Bill Reservoir inflow is expected to yield around 775,000 ac-ft (96% of average). The yield for the Clarks Fork of the Yellowstone near Belfry, Montana is expected to be around 520,000 ac-ft (87% of average). See the following page for detailed runoff volumes.

SHOSHONE & CLARKS FORK RIVER BASINS

SHOSHONE & CLARKS FORK RIVER BASINS
Streamflow Forecasts - January 1, 2009

Forecast Pt / Forecast Period	<=== Drier === Future Conditions === Wetter ===> Chance of Exceeding * 90% (1000AF)	70% (1000AF)	50% (1000AF)	50% (% AVG.)	30% (1000AF)	10% (1000AF)	30 Yr Avg (1000AF)
NF SHOSHONE RIVER at Wapiti							
APR-JUL	320	380	420	91	460	520	460
APR-SEP	365	430	470	90	510	575	520
SF SHOSHONE RIVER nr Valley							
APR-JUL	176	205	225	100	245	275	225
APR-SEP	205	240	260	98	280	315	265
SF SHOSHONE RIVER abv Buffalo Bill							
APR-JUL	143	186	215	100	245	285	215
APR-SEP	149	194	225	100	255	300	225
BUFFALO BILL DAM Inflow (2)							
APR-JUL	540	635	700	97	765	860	720
APR-SEP	605	705	775	96	845	945	805
CLARKS FORK RIVER nr Belfry							
APR-JUL	370	435	480	89	525	590	540
APR-SEP	400	470	520	87	570	640	595

* 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 December

Reservoir	Usable Capacity	********** Usable Storage ********* This Year	Last Year	Average
BUFFALO BILL	NO REPORT			

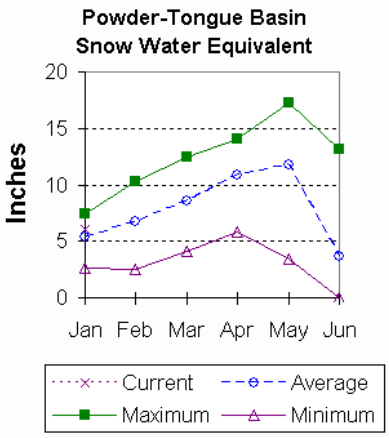
SHOSHONE & CLARKS FORK RIVER BASINS
Watershed Snowpack Analysis - January 1, 2009

Watershed	Number of Data Sites	This Year as Percent of Last Year	Average
SHOSHONE RIVER	6	93	84
CLARKS FORK in WY	7	81	90

Powder and Tongue River Basins

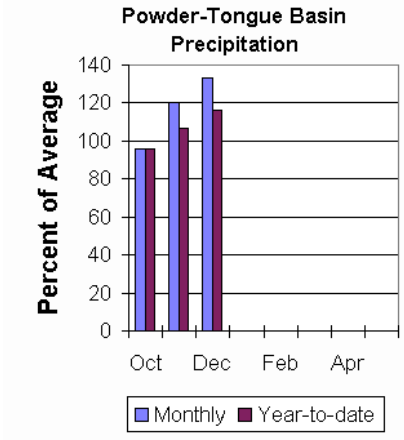
Snow

Snow water equivalent (SWE) in the Upper Tongue River drainage is 113% of average. The Goose Creek drainage is 97% of average. SWE in the Clear Creek drainage is 120% of average. Crazy Woman Creek drainage is 117% of average. Upper Powder River drainage SWE is 105% of average. Powder River Basin SWE in Wyoming is 111% of average. For more information see "Basin Summary of Snow Course Data" at the beginning of this report.



Precipitation

Last month's precipitation was 133% of average for the 9 reporting stations (112% of last year). Monthly percentages range from 100-200% of average. Year-to-date precipitation is 116% of average in the basin; this is 101% of last year at this time. Precipitation for the year ranges from 74-137% of average.



Reservoir

The Tongue River Reservoir is at 62% of capacity; 217% of average; and 96% of last year at 48,900 ac-ft.

Streamflow

The 50% exceedance forecasts for the April through September period are expected to be above average for the basin. The yield for Tongue River near Dayton is 113,000 ac-ft (104% of average). Big Goose Creek near Sheridan is 64,000 ac-ft (107% of average). Little Goose Creek near Bighorn is 45,000 ac-ft (107% of average). The Tongue River Reservoir Inflow is 260,000 ac-ft (104% of average). The Middle Fork of the Powder River near Barnum is 15,500 ac-ft (83% of average). The North Fork of the Powder River near Hazelton should yield around 11,200 ac-ft (108% of average). Rock Creek near Buffalo will yield about 27,000 ac-ft (113% of average), and Piney Creek at Kearny should yield about 56,000 ac-ft (108% of average). The Powder River at Moorehead is 230,000 ac-ft (100% of average). The Powder River near Locate is 260,000 ac-ft (100% of average). See the following page for detailed runoff volumes.

POWDER & TONGUE RIVER BASINS

Streamflow Forecasts - January 1, 2009

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)							
APR-JUL	65	85	99	103	113	133	96
APR-SEP	76	98	113	104	128	150	109
BIG GOOSE CREEK nr Sheridan							
APR-JUL	35	47	55	106	63	75	52
APR-SEP	43	56	64	107	72	85	60
LITTLE GOOSE CREEK nr Big Horn							
APR-JUL	23	31	36	106	41	49	34
APR-SEP	31	39	45	107	51	59	42
TONGUE RIVER RESERVOIR Inflow (2)							
APR-JUL	123	190	235	107	280	345	220
APR-SEP	142	210	260	104	310	380	250
MIDDLE FORK POWDER nr Barnum							
APR-JUL	7.6	11.8	14.6	82	17.4	22	17.8
APR-SEP	8.3	12.6	15.5	83	18.4	23	18.7
NORTH FORK POWDER nr Hazelton							
APR-JUL	7.0	9.0	10.3	107	11.6	13.6	9.6
APR-SEP	7.8	9.8	11.2	108	12.6	14.6	10.4
ROCK CREEK nr Buffalo							
APR-JUL	16.5	20	23	116	26	30	19.9
APR-SEP	19.9	24	27	113	30	34	24
PINEY CREEK at Kearny							
APR-JUL	29	43	52	106	61	75	49
APR-SEP	32	46	56	108	66	80	52
POWDER RIVER at Moorehead							
APR-JUL	89	158	205	100	250	320	205
APR-SEP	110	181	230	100	280	350	230
POWDER RIVER nr Locate							
APR-JUL	94	178	235	100	290	375	235
APR-SEP	108	199	260	100	320	410	260

* 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 December

Reservoir	Usable Capacity	********** Usable Storage ********* This Year	Last Year	Average
TONGUE RIVER	79.1	48.9	51.0	22.5

POWDER & TONGUE RIVER BASINS

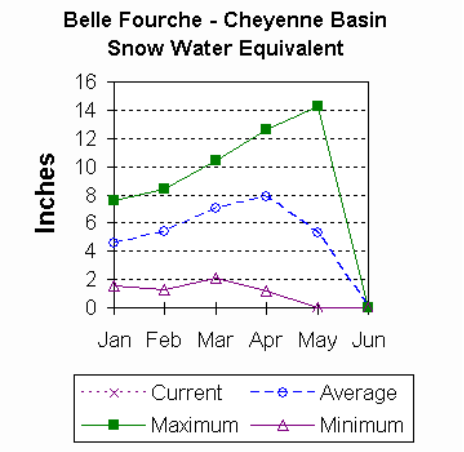
Watershed Snowpack Analysis - January 1, 2009

Watershed	Number of Data Sites	This Year as Percent of Last Year	Average
UPPER TONGUE RIVER	7	124	113
GOOSE CREEK	2	117	97
CLEAR CREEK	2	112	120
CRAZY WOMAN CREEK	1	117	117
UPPER POWDER RIVER	3	101	105
POWDER RIVER in WY	5	106	111

Belle Fourche and Cheyenne River Basins

Snow

The Belle Fourche River Basin SWE is 150% of average for this time of year. For more information see "Basin Summary of Snow Course Data" at the beginning of this report.

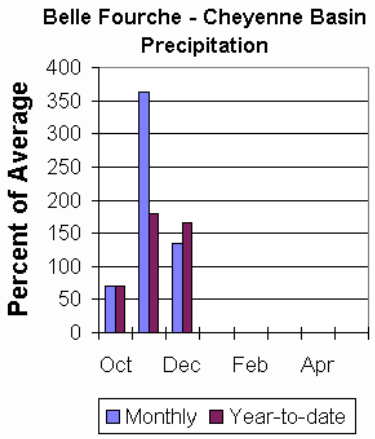


Precipitation

Precipitation for last month was 135% of average or 127% of last year in the Black Hills. There were 2 reporting stations. Monthly percentages range from 125-147%. Year-to-date precipitation is 165% of average and 223% of last year's amount. Yearly percentages range from 153-179% of average.

Reservoir

Current reservoir storage is around 96% of average in the basin. Angostura is currently storing 67% of average (64,400 ac-ft), about 53% of capacity. Belle Fourche reservoir is storing 141% of average (128,100 ac-ft), about 72% of capacity. Deerfield reservoir is storing 116% of average (14,300 ac-ft), about 94% of capacity. Keyhole reservoir is storing 86% of average (87,800 ac-ft), about 45% of capacity. Pactola reservoir is storing 110% of average (50,300 ac-ft), about 91% of capacity. Shadehill reservoir is storing 72% of average (36,600 ac-ft), about 45% 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 March through July period. The Deerfield Reservoir Inflow is 9,000 ac-ft (148% of average). Pactola Reservoir Inflow is expected to yield around 39,000 ac-ft (150% of average). See the following page for detailed runoff volumes.

BELLE FOURCHE & CHEYENNE RIVER BASINS

Streamflow Forecasts - January 1, 2009

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)
DEERFIELD RESERVOIR Inflow							
MAR-JUL	4.3	7.1	9.0	148	10.9	13.7	6.1
PACTOLA RESERVOIR Inflow							
MAR-JUL	16.1	30	39	150	48	62	26

* 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 December

Reservoir	Usable Capacity	********** Usable Storage ********* This Year	Last Year	Average
ANGOSTURA	122.1	64.4	43.2	96.4
BELLE FOURCHE	178.4	128.1	69.8	90.6
DEERFIELD	15.2	14.3	11.9	12.3
KEYHOLE	193.8	87.8	58.2	101.7
PACTOLA	55.0	50.3	27.0	45.8
SHADEHILL	81.4	36.6	20.5	50.7

BELLE FOURCHE & CHEYENNE RIVER BASINS

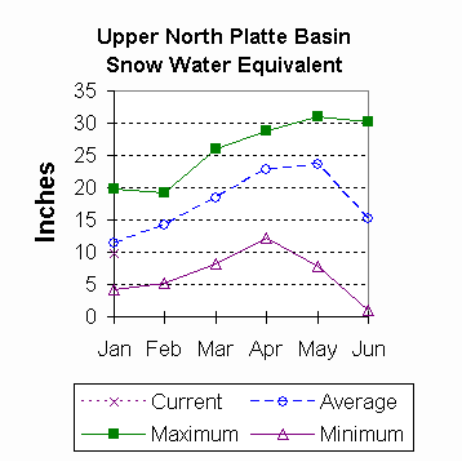
Watershed Snowpack Analysis - January 1, 2009

Watershed	Number of Data Sites	This Year as Percent of Last Year	Average
BELLE FOURCHE	4	240	164

Upper North Platte River Basin

Snow

The SNOTELS above Seminoe Reservoir are showing about 86% of average (SWE) for this time of the year. SWE in the drainage area above Northgate is 86% of average at this time. SWE in the Encampment River drainage is about 88% of average. Brush Creek SWE for the year is about 99% of average. Medicine Bow and Rock Creek drainages SWE are about 75% of average. For more information see "Basin Summary of Snow Course Data" at the beginning of this report.

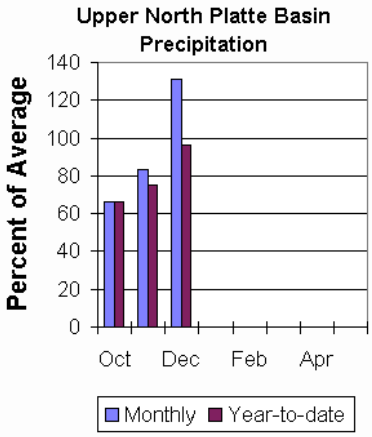


Precipitation

Eight reporting stations show last month's precipitation at 131% of average or 98% of last year's amount. Precipitation varied from 100-146% of average last month. Total water-year-to-date precipitation is about 96% of average for the basin, which is about 88% of last year's amount. Year to date percentage ranges from 75-103% of average.

Reservoirs

Seminoe Reservoir is estimated to be storing 511,200 ac-ft or 50% of capacity. Seminoe Reservoir is also storing about 81% of average for this time of the year and 246% 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 April through September period and are expected to be below average for the Upper North Platte River Basin. Yield for the North Platte River near Northgate will be around 197,000 ac-ft (73% of average). The Encampment River near Encampment is 144,000 ac-ft (87% of average). Rock Creek near Arlington is 44,000 ac-ft (77% of average). Sweetwater River near Alcova runoff is 52,000 ac-ft (65% of average). Seminoe Reservoir inflow should be around 650,000 ac-ft (76% of average). See the following table for more detailed information on projected runoff.

UPPER NORTH PLATTE RIVER BASIN

Streamflow Forecasts - January 1, 2009

Forecast Pt / Forecast Period	<=== Drier === 90% (1000AF)	70% (1000AF)	Future Conditions: 50% (1000AF)	50% (% AVG.)	=== Wetter ===> 30% (1000AF)	10% (1000AF)	30 Yr Avg (1000AF)
NORTH PLATTE RIVER nr Northgate							
APR-JUL	57	128	177	72	225	295	245
APR-SEP	65	144	197	73	250	330	270
ENCAMPMENT RIVER nr Encampment							
APR-JUL	78	112	135	87	158	192	156
APR-SEP	84	120	144	87	168	205	165
ROCK CREEK nr Arlington							
APR-JUL	23	34	41	77	48	59	53
APR-SEP	25	36	44	77	52	63	57
SWEETWATER RIVER nr Alcova							
APR-JUL	11.6	33	48	65	63	84	74
APR-SEP	13.2	36	52	65	68	91	80
SEMINOE RESERVOIR Inflow							
APR-JUL	179	425	595	74	765	1010	800
APR-SEP	205	470	650	76	830	1100	860

* 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 December

Reservoir	Usable Capacity	********** Usable Storage ********* This Year	Last Year	Average
SEMINOE	1016.7	511.2	207.9	631.1

UPPER NORTH PLATTE RIVER BASIN

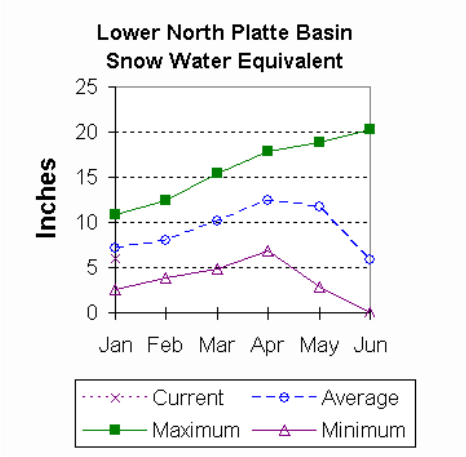
Watershed Snowpack Analysis - January 1, 2009

Watershed	Number of Data Sites	This Year as Percent of Last Year	Average
N PLATTE above Northgate	5	95	86
ENCAMPMENT RIVER	3	93	88
BRUSH CREEK	2	98	99
MEDICINE BOW & ROCK CREEKS	2	91	75
N PLATTE above Seminoe	13	93	86

Lower North Platte River Basin

Snow

SWE for the North Platte River Basin is at 84% of average. The Sweetwater drainage SWE is currently at 84% of average. Deer and LaPrele Creek SWE are at 55% of average. SWE for the North Platte above the Laramie River drainage is 84% of average. SWE for the Laramie River above Laramie is 96% of average. SWE for the Little Laramie River is 78% of average. The Laramie River above mouth, SWE is 92% of average. For more information see "Basin Summary of Snow Course Data" at the beginning of this report.

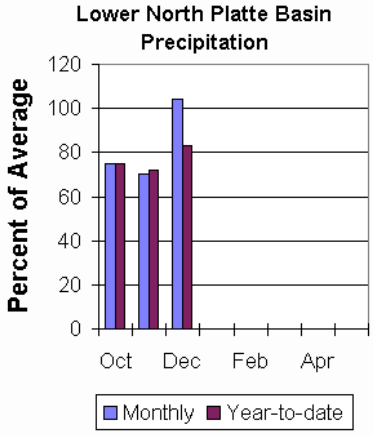


Precipitation

Last month's precipitation was 104% of average or 75% of last year's amount. Of the 8 reporting stations, percentages for the month range from 69-160%. The water year-to-date precipitation for the basin is currently 83% of average (80% of last year). Year-to-date percentages range from 58-119% of average.

Reservoir

The Lower North Platte River basin reservoir storage is below average at 75%. Reservoir storage is as follows: Alcova 156,700 ac-ft (101% of average); Glendo 213,000 ac-ft (75% of average); Guernsey 13,400 ac-ft (186% of average); Pathfinder 388,800 ac-ft (61% of average); Seminoe 511,200 ac-ft (81% of average); and Wheatland #2 No Report.



Streamflow

The following yields are based on the 50% exceedance forecasts for the April through September period. The Sweetwater near Alcova is forecast to yield about 52,000 ac-ft (65% of average). Deer Creek at Glenrock is forecast to yield 19,100 ac-ft (52% of average). LaPrele Creek above the reservoir is forecast to yield 11,600 ac-ft (48% of average). North Platte - Alcova to Orin Gain is forecast to yield 65,000 ac-ft (40% of average). North Platte River below Glendo Reservoir is 690,000 ac-ft (70% of average), and below Guernsey Reservoir is anticipated to yield around 710,000 ac-ft (70% of average). Laramie River near Woods Landing should yield around 118,000 ac-ft (87% of average). The Little Laramie near Filmore should produce about 53,000 ac-ft (83% of average). See the following table for more detailed information on projected runoff.

LOWER NORTH PLATTE, SWEETWATER & LARAMIE RIVER BASINS

Streamflow Forecasts - January 1, 2009

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							
APR-JUL	11.6	33	48	65	63	84	74
APR-SEP	13.2	36	52	65	68	91	80
DEER CREEK at Glenrock							
APR-JUL	7.5	13.3	18.7	51	39	69	37
APR-SEP	7.4	13.3	19.1	52	39	69	37
LaPrele CREEK abv Reservoir							
APR-JUL	0.7	4.1	11.6	48	19.1	30	24
APR-SEP	0.7	4.1	11.6	48	19.1	30	24
NORTH PLATTE - Alcova to Orin Gain							
APR-JUL	11.0	18.0	64	42	110	178	152
APR-SEP	11.0	18.0	65	40	112	181	161
NORTH PLATTE RIVER blw Glendo Res (2)							
APR-JUL	400	560	665	69	770	930	960
APR-SEP	410	580	690	70	800	970	990
NORTH PLATTE RIVER blw Guernsey Res (2)							
APR-JUL	345	540	675	70	810	1000	970
APR-SEP	370	570	710	70	850	1050	1010
LARAMIE RIVER nr Woods							
APR-JUL	70	92	107	87	122	144	123
APR-SEP	78	102	118	87	134	158	135
LITTLE LARAMIE RIVER nr Filmore							
APR-JUL	27	40	48	81	56	69	59
APR-SEP	30	44	53	83	62	76	64

* 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 December

Reservoir	Usable Capacity	********** Usable Storage ********* This Year	Last Year	Average
ALCOVA	184.3	156.7	156.5	154.4
GLENDO	506.4	213.0	213.3	282.9
GUERNSEY	45.6	13.4	10.7	7.2
PATHFINDER	1016.5	388.8	200.0	635.7
SEMINOE	1016.7	511.2	207.9	631.1
WHEATLAND #2	98.9	NO REPORT	25.5	42.2

LOWER NORTH PLATTE, SWEETWATER & LARAMIE RIVER BASINS

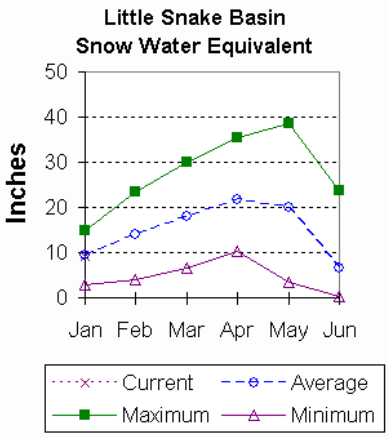
Watershed Snowpack Analysis - January 1, 2009

Watershed	Number of Data Sites	This Year as Percent of Last Year	Average
SWEETWATER	2	123	84
DEER & LaPrele CREEKS	2	86	55
N PLATTE abv Laramie R.	17	95	84
LARAMIE RIVER abv Laramie	5	93	96
LITTLE LARAMIE RIVER	2	88	78
LARAMIE RIVER above mouth	6	92	92
NORTH PLATTE	17	94	84

Little Snake River Basin

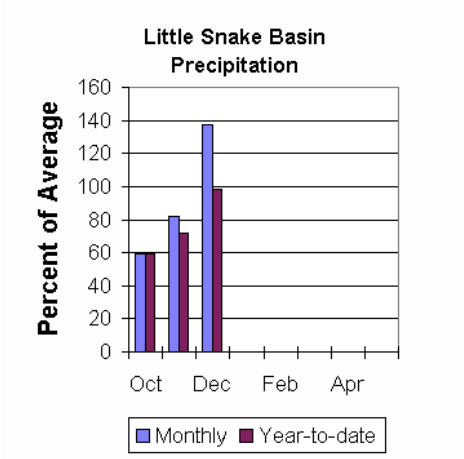
Snow

Currently, snow water equivalent (SWE) in the Little Snake River drainage is 96% of average. For more information see "Basin Summary of Snow Course Data" at the beginning of this report.



Precipitation

Precipitation across the basin was above average this past month. Last Month's precipitation was 137% of average (89% of last year) for the 5 reporting stations. Last month's precipitation ranged from 131-145% of average. The Little Snake River basin water-year-to-date precipitation is currently 98% of average (89% of last year). Year-to-date percentages range from 92-101% of average.



Reservoir

High Savery Dam - Pending

Streamflow

The 50% exceedance forecast for the April through July on the Little Snake River drainage is expected to be slightly below average this year. The Little Snake River near Slater should yield around 150,000 ac-ft (94% of average). The Little Snake River near Dixon is estimated to yield around 320,000 ac-ft (97% of average). See the following table for more detailed information on projected runoff.

LITTLE SNAKE RIVER BASIN

Streamflow Forecasts - January 1, 2009

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	93	125	150	94	177	220	159
Little Snake River nr Dixon							
APR-JUL	200	270	320	97	375	465	330

* 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.

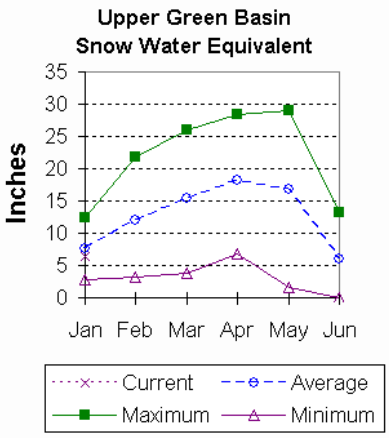
LITTLE SNAKE RIVER BASIN
Watershed Snowpack Analysis - January 1, 2009

Watershed	Number of Data Sites	This Year as Percent of Last Year	Average
LITTLE SNAKE RIVER	6	90	96

Upper Green River Basin

Snow

SWE in the Green River Basin above Fontenelle Reservoir is about 83% of average. SWE for the west side of Upper Green River Basin is about 79% of average. Newfork River Basin SWE is now about 105% of average. Big Sandy-Eden Valley Basin is 81% melted out. SWE in the Green River Basin above Fontenelle Reservoir is about 83% of average. For more information see "Basin Summary of Snow Course Data" at the beginning of this report.

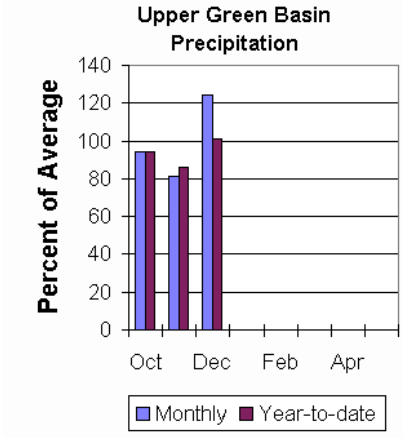


Precipitation

The 11 reporting precipitation sites in the basin were 124% of average last month (141% of last year). Last month's precipitation varied from 95-178% of average. Water year-to-date precipitation is about 101% of average (114% of last year). Year to date percentage of average ranges from 86-118% for the reporting stations.

Reservoir

Storage in Big Sandy Reservoir is 11,900 ac-ft or 31% of capacity. This is 65% of average. Eden Reservoir - No Report. Fontenelle Reservoir is 178,900 ac-ft or 52% of capacity; 85% of average This is 84% 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 April through July runoff period in the Upper Green River Basin are forecast to be below average. The yield on the Green River at Warren Bridge is 250,000 ac-ft (94% of average). Pine Creek above Fremont Lake is 100,000 ac-ft (96% of average). New Fork River near Big Piney is 370,000 ac-ft (94% of average). Fontenelle Reservoir Inflow is estimated to be 765,000 ac-ft (89% of average), and Big Sandy near Farson is expected to be around 47,000 ac-ft (81% of average). See the following table for more detailed information on projected runoff.

UPPER GREEN RIVER BASIN

Streamflow Forecasts - January 1, 2009

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)
Green River at Warren Bridge							
APR-JUL	174	220	250	94	285	340	265
Pine Creek abv Fremont Lake							
APR-JUL	77	91	100	96	110	125	104
New Fork River nr Big Piney							
APR-JUL	235	310	370	94	435	535	395
Fontenelle Reservoir Inflow							
APR-JUL	430	620	765	89	925	1190	860
Big Sandy River nr Farson							
APR-JUL	30	40	47	81	55	69	58

* 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 December

Reservoir	Usable Capacity	********** Usable Storage ********* This Year	Last Year	Average
BIG SANDY	38.3	NO REPORT	9.3	18.3
EDEN	NO REPORT			
FONTENELLE	344.8	178.9	146.8	209.7

UPPER GREEN RIVER BASIN

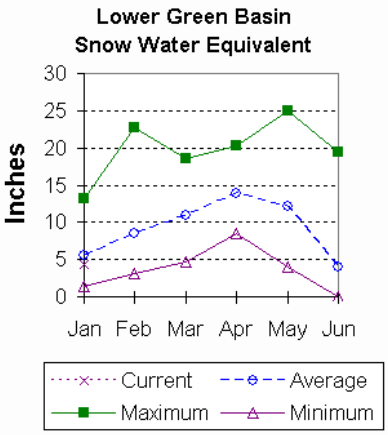
Watershed Snowpack Analysis - January 1, 2009

Watershed	Number of Data Sites	This Year as Percent of Last Year	Average
GREEN above Warren Bridge	4	118	83
UPPER GREEN (West Side)	5	123	79
NEWFORK RIVER	2	162	105
BIG SANDY/EDEN VALLEY	1	117	81
GREEN above Fontenelle	11	128	83

Lower Green River Basin

Snow

SWE in the Green River Basin above Flaming Gorge is 79% of average. SWE in the Hams Fork Basin is 73% of average. Blacks Fork Basin SWE is currently 65% of average. In the Henrys Fork drainage SWE is 54%. For more information see "Basin Summary of Snow Course Data" at the beginning of this report.

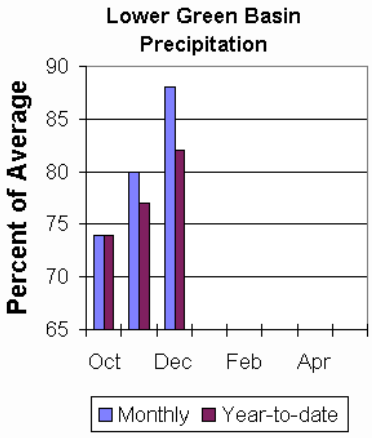


Precipitation

Precipitation was below average for the 3 reporting stations during last month at 88% of average or 184% of last year. Precipitation ranged from 85-97% of average for the month. The basin year-to-date precipitation is currently 82% of average (120% of last year). Year-to-date percentages range from 79-90% of average.

Reservoirs

Fontenelle Reservoir is currently storing 175,900 ac-ft; this is 85% of average (122% of last year). Flaming Gorge is currently storing 3,056,000 ac-ft; this is 99% of average (98% of last year). Viva Naughton - No Report. 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 April 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 780,000 ac-ft (89% of average). The Blacks Fork near Robertson is forecast to yield 80,000 ac-ft (84% of average). East Fork of Smiths Fork near Robertson is forecast to yield 24,000 ac-ft (83% of average). Hams Fork below Pole Creek near Frontier is forecast to be 54,000 ac-ft (83% of average). The Hams Fork Inflow to Viva Naughton Reservoir is forecast to be 75,000 ac-ft (84% of average). The Flaming Gorge Reservoir inflow will be about 910,000 ac-ft (77% of average). See the following table for more detailed information on projected runoff.

LOWER GREEN RIVER BASIN

Streamflow Forecasts - January 1, 2009

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)
Green River nr Green River, WY (2)							
APR-JUL	455	635	780	89	935	1190	875
Blacks Fork nr Robertson							
APR-JUL	51	67	80	84	94	116	95
EF of Smiths Fork nr Robertson							
APR-JUL	14.8	20	24	83	28	35	29
Hams Fk blw Pole Ck nr Frontier							
APR-JUL	28	42	54	83	67	89	65
Hams Fork Inf to Viva Naughton Res							
APR-JUL	39	59	75	84	93	123	89
Flaming Gorge Reservoir Inflow (2)							
APR-JUL	495	725	910	77	1110	1450	1190

* 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 December

Reservoir	Usable Capacity	********** Usable Storage ********* This Year	Last Year	Average
FONTENELLE	344.8	178.9	146.8	209.7
FLAMING GORGE	3749.0	3124.0	3082.0	3027.0
VIVA NAUGHTON RES	42.4	NO REPORT	28.5	31.6

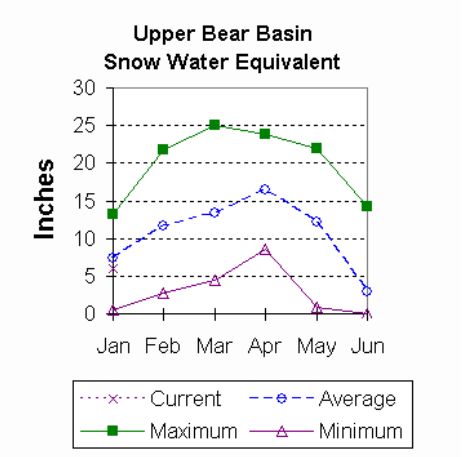
LOWER GREEN RIVER BASIN
Watershed Snowpack Analysis - January 1, 2009

Watershed	Number of Data Sites	This Year as Percent of Last Year	Average
HAMS FORK RIVER	3	123	73
BLACKS FORK	2	80	94
HENRYS FORK	2	139	127
GREEN above Flaming Gorge	18	121	85

Upper Bear River Basin

Snow

Snow water equivalent (SWE) in the Upper Bear River Basin in Utah is estimated to be 93% of average. SWE in the Wyoming portion of the Bear River drainage (Smiths and Thomas Forks) is estimated at 80% of average. Bear River Basin SWE, above the Idaho State line, is 80% of average. For more information see "Basin Summary of Snow Course Data" at the beginning of this report.



Precipitation

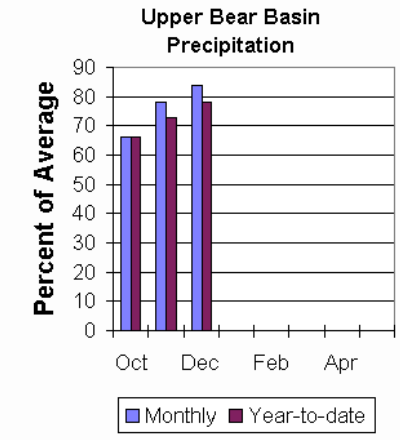
Precipitation for last month was 84% of average for the 2 reporting stations; this is 119% of the precipitation received last year. The year-to-date precipitation, for the basin, is 78% of average; this is 114% of last year's amount.

Reservoir

Storage, in Woodruff Narrows reservoir, is about 42,000 ac-ft (178% of average). Current reservoir storage is about 73% of capacity. Reservoir storage last year at this time was 24,000 ac-ft at this time.

Streamflow

The following 50% exceedance forecasts are for the April through September period. The Bear River near the Utah-Wyoming State Line is 110,000 ac-ft (88% of average). The Bear River above Reservoir near Woodruff is 128,000 ac-ft (90% of average). The Smiths Fork River near Border is 104,000 ac-ft (86% of average). See the following table for more detailed information on projected runoff.



UPPER BEAR RIVER BASIN

Streamflow Forecasts - January 1, 2009

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 R nr UT-WY State Line							
APR-JUL	54	80	98	87	116	142	113
APR-SEP	62	90	110	88	130	158	125
Bear River ab Reservoir nr Woodruff							
APR-JUL	58	95	120	88	145	182	136
APR-SEP	65	103	128	90	153	191	142
Smiths Fork nr Border							
APR-JUL	51	73	88	85	103	125	103
APR-SEP	62	87	104	86	121	146	121

* 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 December

Reservoir	Usable Capacity	********** Usable Storage ********* This Year	Last Year	Average
WOODRUFF NARROWS	57.3	45.5	30.0	23.6

UPPER BEAR RIVER BASIN

Watershed Snowpack Analysis - January 1, 2009

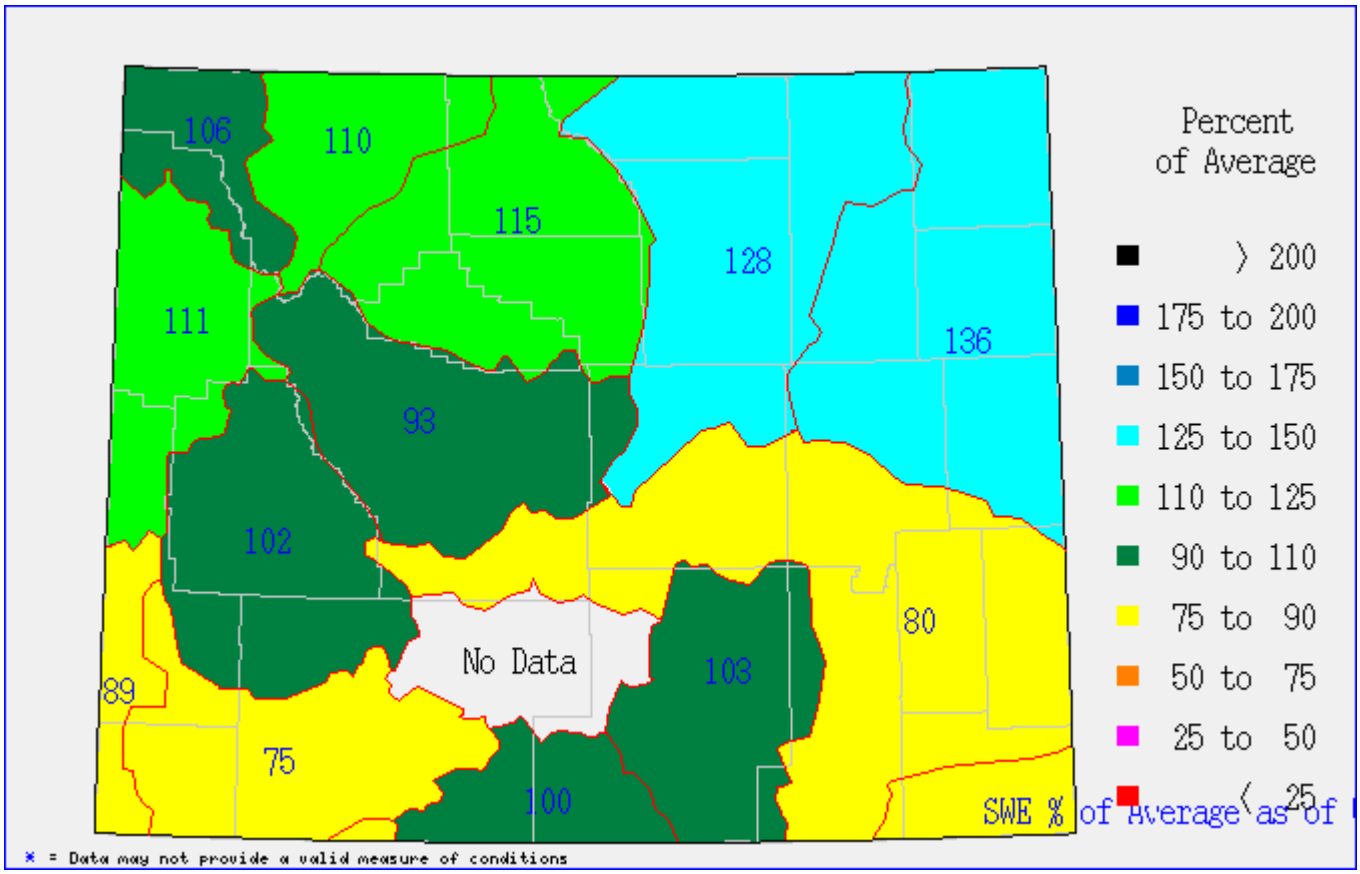
Watershed	Number of Data Sites	This Year as Percent of Last Year	Average
UPPER BEAR RIVER in Utah	5	63	85
SMITHS & THOMAS FORKS	3	130	80
BEAR RIVER abv ID line	6	79	77
NORTHWEST	57	102	92
NORTHEST	13	140	124
SOUTHEAST	20	94	86
SOUTHWEST	25	100	86

Issued by

Arlen Lancaster, Chief
U.S. Department of Agriculture
Natural Resources Conservation Service
Washington D.C.

Released by

J Xavier Montoya
State Conservationist
N R C S
Casper, Wyoming



As of Jan. 14, 2009

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

100 East B Street, Room 3124
Casper, WY 82601

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