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**Natural
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Wyoming Basin Outlook Report MARCH 1, 2002



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

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

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Wyoming Water Supply Outlook Report

General

Generally, snow water equivalent (SWE) across the state is below normal for this time of the year. SWE averages for the State are about 70 percent of normal for this time of the year. Both precipitation for the month and year-to-date were generally below average for the State. Reservoir levels vary from below average to average – average to above average in the northeast. Many of the larger reservoirs are below average. Generally, forecast runoff is well below average. Forecast runoff varies from 18 to 85 percent of average. There may be some direct diversion irrigated areas that will be significantly short of water. In some cases, reservoirs may not fill with the spring runoff, especially in the eastern portion of the State.

Snowpack

Less than average, and in some cases much less than average, snowfall has occurred this past month. SWE is generally below average for the entire State. SWE in the northwestern portion of the State is now at 73 percent of average (129 percent of last year). Northeast Wyoming SWE is currently about 69 percent of average (87 percent of last year). The southeast portion is currently about 63 percent of average SWE (79 percent of last year). And the southwest is about 73 percent of average (101 percent of last year).

Precipitation

February precipitation was below normal over the entire State. Some of the State had a very severe shortage of precipitation. The southwest portion of the State was near 60 percent below average for the month of February. The southeast was from 20 to 47 percent below average, while the rest of the State received from 15 to 53 percent below average. The following table displays the major river basins and their departure from normal for this month.

Basin	Departure from normal	Basin	Departure from normal
Snake River	-53%	Upper North Platte River	-20%
Yellowstone & Madison	-46%	Lower North Platte	-47%
Wind River	-55%	Little Snake River	-28%
Big Horn	-26%	Upper Green River	-55%
Shoshone & Clarks Fork	-48%	Lower Green River	-58%
Powder & Tongue River	-18%	Upper Bear River	-65%
Belle Fourche & Cheyenne	-15%		

Streams

Stream flow yield is expected to be below average to much below average across the State. Most probable yield for the State is forecast to be about 58 percent of average. The northwest part of the State is expected to yield about 51 percent of normal -- yield estimates vary from 18 to 69 percent of normal. Yield from the northeast portion of Wyoming will be below average (about 53 percent of average) -- yield estimates vary from 47 to 63 percent of average for the various forecast points. The southeast portion of the state will be about 46 percent of normal -- yield estimates range from 18 to 67 percent of normal. The southwest portion of Wyoming varies from 56 to 77 percent of average -- mean estimated yield for the forecast points in southwest Wyoming is about 65 percent of average.

Reservoirs

Reservoir storage varies from above average to well below average for this time of the year. See following table for further information about reservoir storage.

Major Reservoirs in Wyoming

B A S I N W I D E R E S E R V O I R S U M M A R Y

FOR THE END OF FEBRUARY 2002

BASIN AREA	CURRENT AS % OF CAPACITY	CURRENT AS % OF CAPACITY	CURRENT AS % OF CAPACITY	CURRENT AS % OF AVERAGE	CURRENT AS % OF LAST YEAR
ALCOVA	85	85	84	101	100
ANGOSTURA	83	74	83	100	112
BELLE FOURCHE	81	87	63	128	93
BIG SANDY	12	16	50	24	74
BIGHORN LAKE	49	62	61	81	79
BOYSEN	15	73	96	16	21
BUFFALO BILL	37	56	63	60	67
BULL LAKE	19	41	56	33	45
DEERFIELD	97	99	87	112	98
EDEN	4	0	28	15	0
ENNIS LAKE	68	75	77	89	91
FLAMING GORGE	76	80	78	97	95
FONTENELLE	39	28	45	86	140
GLENDO	53	64	75	71	83
GRASSY LAKE	63	84	79	80	75
GUERNSEY	33	34	31	107	99
HEBGEN LAKE	75	78	70	107	96
JACKSON LAKE	18	75	58	31	24
KEYHOLE	80	82	55	146	97
PACTOLA	96	98	84	114	97
PALISADES	38	50	74	51	76
PATHFINDER	51	74	70	73	69
PILOT BUTTE	80	74	63	127	108
SEMINOE	41	64	52	79	64
SHADEHILL	61	49	61	100	126
TONGUE RIVER	29	42	31	94	69
VIVA NAUGHTON RES	65	73	69	94	88
WHEATLAND #2	19	34	48	40	56
WOODRUFF NARROWS	10	14	48	20	69
GLENDON PROJECT USERS	73	74	69	106	99
KENDRICK PROJECT	69	81	68	101	85
NORTH PLATTE PROJ	30	59	60	50	50

Basin Summary of Snow Course Data

B A S I N S U M M A R Y O F
S N O W C O U R S E D A T A

MARCH 2002

SNOW COURSE	ELEVATION	DATE	SNOW DEPTH	WATER CONTENT	LAST YEAR	AVERAGE 71-00

WYOMING Snow Course and SNOTEL Stations						
ALBANY	9400	2/27/02	26	5.0	8.6	11.8
ASTER CREEK	7750	2/26/02	68	19.9	12.4	25.2
BALD MOUNTAIN SNOTEL	9380	3/01/02	---	12.9	11.0	16.0
BASE CAMP SNOTEL	7030	3/01/02	---	10.7	8.0	16.0
BATTLE MTN. SNOTEL	7440	3/01/02	---	8.9	9.2	9.7
BEARLODGE DIVIDE	4680	2/25/02	5	1.2	4.3	1.8
BEARTOOTH LK. SNOTEL	9280	3/01/02	---	14.9	9.9	19.7
BEAR TRAP SNOTEL	8200	3/01/02	---	4.5	4.2	4.3
BIG GOOSE	7760	2/27/02	16	3.2	2.2	5.1
BIG GOOSE SNOTEL	7760	3/01/02	---	5.7	4.6	7.7
BIG PARK	8620	2/27/02	43	11.3	11.5	16.2
BIG SANDY SNOTEL	9080	3/01/02	43	9.9	8.7	12.1
BLACKWATER SNOTEL	9780	3/01/02	---	14.0	11.1	20.4
BLIND BULL SNOTEL	8900	3/01/02	62	16.5	12.8	23.1
BLIND PARK SNOTEL	6870	3/01/02	---	4.1	6.1	7.1
BLUE RIDGE	9620	2/25/02	22	6.4	4.8	9.8
BONE SPGS. SNOTEL	9350	3/01/02	---	9.8	8.1	13.2
BOXELDER	7280				5.0	5.7
BROOKLYN LK. SNOTEL	10220	3/01/02	---	8.9	14.3	19.0
BRYAN FLAT	6420	2/28/02	29	6.5	5.6	8.3
BUCK CREEK	7960	2/27/02	21	4.2	8.8	8.2
BURGESS JCT. SNOTEL	7880	3/01/02	---	6.2	6.0	9.0
BURROUGHS CRK SNOTEL	8750	3/01/02	---	10.0	7.4	12.6
CANYON SNOTEL	8090	3/01/02	---	10.8	7.5	11.3
CARTER MOUNTAIN	7950	2/27/02	9	1.1	.8	3.6
CASPER MTN. SNOTEL	7850	3/01/02	---	7.5	9.6	11.3
CASTLE CREEK	8400	2/26/02	16	2.5	2.8	4.0
CCC CAMP	7000	2/26/02	34	9.2	7.7	11.0
CHALK CK #1 SNOTEL	9100	3/01/02	56	14.8	14.3	19.9
CHALK CK #2 SNOTEL	8200	3/01/02	44	10.6	9.8	12.9
CLOUD PEAK SNOTEL	9850	3/01/02	---	9.4	7.8	10.0
COLD SPRINGS SNOTEL	9630	3/01/02	---	3.5	2.9	7.2
COTTONWOOD CR SNOTEL	7700	3/01/02	---	15.0	13.9	18.5
DARBY CANYON	8250	2/26/02	50	14.5	14.1	20.3
DEER PARK SNOTEL	9700	3/01/02	---	9.6	9.5	14.4
DITCH CREEK	6870	2/27/02	9	1.8	4.9	3.6
DIVIDE PEAK SNOTEL	8860	3/01/02	---	11.0	11.9	15.6
DOMELAKE SNOTEL	8880	3/01/02	---	7.5	7.4	9.5
DU NOIR	8760	2/26/02	20	3.7	3.8	6.8
EAST RIM DIV SNOTEL	7930	3/01/02	---	8.1	6.7	11.0
ELBO RANCH	7100	3/01/02	34	7.6	5.0	10.3
ELKHART PARK SNOTEL	9400	3/01/02	---	7.9	9.4	11.1
EVENING STAR SNOTEL	9200	3/01/02	---	17.8	11.6	25.0

SNOW COURSE	ELEVATION	DATE	SNOW DEPTH	WATER CONTENT	LAST YEAR	AVERAGE 71-00
FOUR MILE MEADOWS	7860	2/27/02	32	7.3	6.6	10.8
FOXPAK	9060	2/27/02	17	3.4	6.7	6.3
GEYSER CREEK	8500	2/26/02	16	3.3	2.9	6.0
GLADE CREEK	7040	2/26/02	58	15.0	12.1	20.9
GRANITE CRK SNOTEL	6770	3/01/02	---	10.8	10.6	16.1
GRANNIER MEADOWS	8860	2/25/02	25	6.5	6.1	11.7
GRASSY LAKE SNOTEL	7270	3/01/02	---	22.2	18.0	29.5
GRAVE SPRINGS SNOTEL	8550	3/01/02	---	5.1	4.9	7.3
GREYS BOUNDARY	5720	2/26/02	34	9.3	8.9	10.9
GROS VENTRE SNOTEL	8750	3/01/02	---	9.6	8.1	11.5
GROVER PARK DIVIDE	7000	2/26/02	27	6.9	5.8	10.0
HAIRPIN TURN	9480	2/27/02	27	5.4	10.9	13.9
HANSEN S.M. SNOTEL	8360	3/01/02	---	3.4	3.6	5.2
HAMS FORK SNOTEL	7840	3/01/02	---	9.0	7.7	11.0
HASKINS CREEK	8980	2/28/02	63	18.7	22.3	25.9
HOBBS PARK SNOTEL	10100	3/01/02	---	7.5	5.7	11.9
HUCKLEBERRY DIVIDE	7300	2/26/02	51	13.4	10.5	18.5
INDIAN CREEK SNOTEL	9430	3/01/02	---	16.9	14.5	22.3
JACKPINE CREEK	7350	2/26/02	52	14.5	13.2	19.4
KELLEY R.S. SNOTEL	8180	3/01/02	---	10.3	8.9	14.0
KENDALL R.S. SNOTEL	7740	3/01/02	---	8.1	7.6	12.4
KIRWIN SNOTEL	9550	3/01/02	---	6.5	4.7	9.1
LA BONTE	8450				5.3	5.2
LAKE CAMP	7780	2/28/02	32	6.5	4.7	8.7
LA PRELE SNOTEL	8380	3/01/02	---	5.0	8.4	8.9
LARSEN CREEK	9020	2/28/02	29	7.5	6.5	11.0
LEWIS LAKE SNOTEL	7850	3/01/02	---	21.9	14.9	29.7
LEWIS LAKE DIVIDE	7850				18.5	35.3
LIBBY LODGE	8750	2/27/02	22	4.2	8.4	9.6
LITTLE BEAR RUN	6240	2/27/02	10	1.7	4.8	3.4
LITTLE WARM SNOTEL	9370	3/01/02	---	7.3	6.0	9.5
LOOMIS PARK SNOTEL	8240	3/01/02	---	12.2	10.2	14.5
LUPINE CREEK	7380	2/27/02	28	6.3	4.4	8.5
MALLO	6420	2/28/02	20	3.1	7.9	6.6
MARQUETTE SNOTEL	8760	3/01/02	---	4.0	2.8	6.9
MEDICINE LODGE LAKES	9340	2/27/02	24	5.4	5.7	9.2
MIDDLE FORK	7420	2/25/02	12	2.0	3.2	4.8
MIDDLE POWDER SNOTEL	7760	3/01/02	---	5.2	6.3	9.0
MORAN	6750	2/27/02	33	8.3	7.4	11.8
MOSS LAKE	9800	2/27/02	34	7.6	14.2	19.9
MOUNT TOM	5560	2/27/02	12	1.9	8.1	4.3
NEW FORK SNOTEL	8340	3/01/02	---	6.9	7.6	9.6
NORRIS BASIN	7500	2/28/02	30	7.4	6.1	9.6
NORTH BARRETT CREEK	9400	2/27/02	53	13.5	14.9	17.5
NORTH FRENCH SNOTEL	10130	3/01/02	---	13.9	20.8	22.7
NORTH RAPID CK SNTL	6130	3/01/02	---	4.4	6.5	6.8
NORTH TONGUE	8450	2/27/02	29	5.9	5.5	10.3
OLD BATTLE SNOTEL	9920	3/01/02	---	16.3	19.7	26.3
OLD FAITHFUL	7400	2/28/02	36	8.8	5.0	12.9
ONION GULCH	8780	2/26/02	21	4.0	2.6	6.7
OWL CREEK SNOTEL	8980	3/01/02	---	2.5	2.8	4.1
PARKERS PEAK SNOTEL	9400	3/01/02	---	14.4	11.7	18.2

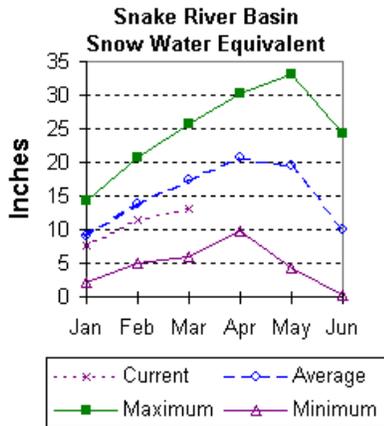
SNOW COURSE	ELEVATION	DATE	SNOW DEPTH	WATER CONTENT	LAST YEAR	AVERAGE 71-00
PHILLIPS BENCH SNTL	8200	3/01/02	---	18.1	14.8	23.9
POCKET CREEK	9350	2/28/02	33	8.7	9.5	10.9
POISON MEADOWS	8500				---	---
POLE MOUNTAIN	8700	2/28/02	23	4.2	8.1	6.8
POWDER RVR.PASS SNTL	9480	3/01/02	---	7.5	4.8	8.7
PURGATORY GULCH	8970	2/27/02	26	6.5	10.4	9.5
RANGER CREEK	8120	2/27/02	25	4.2	3.5	7.3
RENO HILL SNOTEL	8500	3/01/02	---	7.2	9.8	10.4
REUTER CANYON	6280	2/25/02	18	3.9	16.3	8.4
ROWDY CREEK	8300	2/27/02	44	13.9	11.2	18.5
RYAN PARK	8400	2/27/02	36	8.5	8.4	9.7
SALT RIVER SNOTEL	7600	3/01/02	---	8.8	7.3	12.2
SAND LAKE SNOTEL	10050	3/01/02	---	10.4	19.7	25.2
SANDSTONE SNOTEL	8150	3/01/02	---	6.3	9.3	12.5
SAWMILL DIVIDE	9260	2/27/02	34	7.8	6.3	10.2
SHELL CREEK SNOTEL	9580	3/01/02	---	10.5	8.0	11.8
SHERIDAN R.S.	7750	2/26/02	17	3.3	2.6	5.2
SNAKE RIVER STATION	6920	2/26/02	51	12.4	10.6	18.3
SNAKE RV STA SNOTEL	6920	3/01/02	---	12.0	9.4	16.6
SNIDER BASIN SNOTEL	8060	3/01/02	---	8.3	7.8	12.4
SNOW KING MTN	7660	2/28/02	37	9.3	---	12.6
SOLDIER PARK	8780	2/26/02	13	1.7	.8	4.4
SOUR DOUGH	8460	2/26/02	18	2.1	1.8	5.4
SOUTH BRUSH SNOTEL	8440	3/01/02	---	8.2	8.3	10.0
SOUTH PASS SNOTEL	9040	3/01/02	---	9.2	8.1	14.0
SPRING CRK. SNOTEL	9000	3/01/02	---	17.2	14.3	22.2
ST LAWRENCE ALT SNTL	8620	3/01/02	---	2.9	2.6	5.9
SUCKER CREEK SNOTEL	8880	3/01/02	---	7.6	6.1	9.1
SYLVAN LAKE SNOTEL	8420	3/01/02	---	14.2	10.8	18.8
SYLVAN ROAD SNOTEL	7120	3/01/02	---	7.9	6.1	11.4
T CROSS RANCH	7900	2/27/02	21	5.2	3.5	6.8
TETON PASS W.S.	7740	3/01/02	54	17.1	14.5	23.4
THUMB DIVIDE SNOTEL	7980	3/01/02	---	11.0	6.1	15.4
THUMB DIVIDE	7980				6.2	15.8
TIE CREEK SNOTEL	6870	3/01/02	---	3.0	3.6	4.9
TIMBER CREEK SNOTEL	7950	3/01/02	---	1.5	1.9	4.2
TOGWOTEE PASS SNOTEL	9580	3/01/02	64	16.2	14.0	20.7
TOWNSEND CRK SNOTEL	8700	3/01/02	---	4.2	4.4	6.9
TRIPLE PEAK SNOTEL	8500	3/01/02	---	15.8	12.8	20.9
TURPIN MEADOWS	6900	2/27/02	29	6.6	5.1	9.4
TWO OCEAN SNOTEL	9240	3/01/02	---	20.7	15.7	23.3
TYRELL RANGER STA.	8300	2/26/02	19	2.8	1.6	6.2
UPPER SPEARFISH	6500	2/26/02	14	2.5	7.4	5.9
WARREN PEAK SNOTEL	6520				---	---
WEBBER SPRING SNOTEL	9250	3/01/02	---	12.8	14.5	21.3
WHISKEY PARK SNOTEL	8950	3/01/02	---	15.3	17.2	23.8
WILLOW CREEK SNOTEL	8450	3/01/02	---	18.0	15.5	25.4
WINDY PEAK SNOTEL	7900	3/01/02	---	3.2	6.9	6.0
WOLVERINE SNOTEL	7650	3/01/02	---	5.9	6.4	10.6
WOOD ROCK G.S.	8440	2/27/02	25	5.3	4.7	7.8
YOUNTS PEAK SNOTEL	8350	3/01/02	---	10.1	7.0	14.6

(d) Denotes discontinued site.

Snake River Basin (1)

Snow

The Snake River basin snow water equivalent (SWE) is below normal. Snake above Jackson Lake is 76 percent of average (136% of last year at this time). Pacific Creek is 78 percent of average (128% of last year at this time). Gros Ventre River is 79 percent of average (123% of last year at this time). Hoback River is 75 percent of average (118% of last year at this time), Greys River is 75 percent of average (119% of last year at this time). Salt River is 75 percent of average (115% of last year at this time). Snake River Basin above Palisades is 75 percent of average (125% of last year at this time). See the Basin Summary of Snow Courses at the beginning of this report for a detailed listing of snow course information.



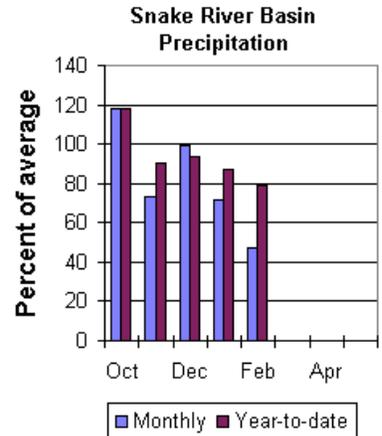
Precipitation.

Precipitation across the basin was below average last month. Monthly precipitation, for the basin, was 47 percent of average. Last months percentages range from 31 to 61 percent of average. Water-year-to-date precipitation is 79 percent of normal for the Snake River basin (125 percent of last year at this time) Year-to-date percentages range from 67 to 89 percent of average.

Reservoir.

Current reservoir storage compared to average for the three storage reservoirs in the

basin is below average. Grassy Lake storage is about 63 percent of average (9,600 acre feet compared to 12,800 last year). Jackson Lake storage is 31 percent of average (153,400 acre feet compared to 638,300 acre feet last year). Palisades Reservoir storage is about 38 percent of average (528,000 acre feet compared to 695,600 acre feet last year).



Streamflow.

The most probable runoff, based on the 50 percent chance yield, for April through September runoff is forecast below average for the basin. The Snake near Moran is expected to yield 725,000 acre-feet (80 percent of normal). Yield from the Snake River above Palisades Reservoir is estimated to be 2,325,000 acre-feet (85 percent of normal). The 50 percent chance yield near Heise is expected to be 3,170,000 acre-feet (76 percent of normal). Pacific Creek at Moran is expected to yield about 140,000 acre-feet (79 percent of average). Greys River above Palisades Reservoir is estimated to yield 295,000 acre-feet (75 percent of normal). Salt River near Etna is estimated to have a yield of 323,000 acre-feet (77 percent of normal).

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SNAKE RIVER BASIN
Streamflow Forecasts - March 1, 2002

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Forecast Point	Forecast Period	<<----- Drier ----- Future Conditions ----- Wetter ----->>						30-Yr Avg. (1000AF)
		Chance Of Exceeding *						
		90% (1000AF)	70% (1000AF)	50% (Most Probable) (1000AF)	(% AVG.)	30% (1000AF)	10% (1000AF)	
SNAKE near Moran (1,2)	APR-SEP	546	669	725	80	781	904	904
SNAKE above Palisades (2)	APR-SEP	1964	2179	2325	85	2471	2686	2735
PALISADES RESERVOIR INFLOW (1,2)	APR-SEP	2267	2757	2980	77	3203	3693	3875
SNAKE near Heise (2)	APR-SEP	2554	2921	3170	76	3419	3786	4159
PACIFIC CREEK at Moran	APR-SEP	105	126	140	79	154	175	178
GREYS above Palisades	APR-SEP	221	265	295	75	325	369	394
SALT near Etna	APR-SEP	216	280	323	77	366	430	419

SNAKE RIVER BASIN Reservoir Storage (1000 AF) - End of February					SNAKE RIVER BASIN Watershed Snowpack Analysis - March 1, 2002			
Reservoir	Usable Capacity	*** Usable Storage ***			Watershed	Number of Data Sites	This Year as % of	
		This Year	Last Year	Avg			Last Yr	Average
GRASSY LAKE	15.2	9.6	12.8	12.0	SNAKE above Jackson Lake	9	136	76
JACKSON LAKE	847.0	153.4	638.3	494.0	PACIFIC CREEK	3	128	78
PALISADES	1400.0	528.0	695.6	1033.1	GROS VENTRE RIVER	4	123	77
					HOBACK RIVER	6	118	75
					GREYS RIVER	5	119	75
					SALT RIVER	5	115	75
					SNAKE above Palisades	30	125	75

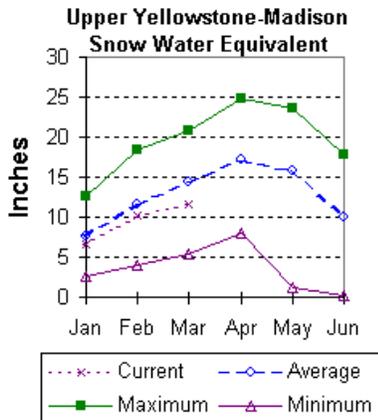
* 90%, 70%, 30%, and 10% chances of exceeding are the probabilities that the actual volume will exceed the volumes in the table.

- (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 and Madison River Basins (2)

Snow

Snowfall in these basins this year has been below average for this time of the year, but better than last year. Snow water equivalent (SWE) is about 83 percent of average (161 percent of last year) in the Madison drainage. SWE in the Yellowstone drainage is about 78 percent of average (140 percent of last year at this time). See the "Snow Course Basin Summary" at the beginning of this document for more details on specific sites.



of water (75 percent of capacity) – 107 percent of average. Hebgen Lake is storing about 96 percent and Ennis Lake, last month, was storing about 91 percent of last year's volume.

Streamflow

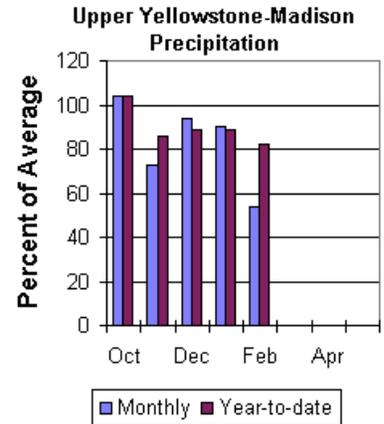
All the following forecasts are based on the 50 percent chance runoff for the April through September runoff period. Yellowstone at Lake Outlet is expected to yield about 595,000 acre feet (74 percent of normal). Yellowstone at Corwin Springs will yield about 1,400,000 acre-feet (71 percent of normal). Yellowstone near Livingston will yield about 1,610,000 acre feet (71 percent of normal). Hebgen lake inflow is estimated to be 400,000 acre feet (80 percent of normal). See the following page for detailed runoff volumes.

Precipitation

Last month's precipitation in the Madison and Yellowstone drainage was about 54 percent of average for the 5 reporting stations -- percentage range was from 29 to 70 percent of average. Water-year-to-date precipitation is about 82 percent of average (129 percent of last year's amount). Year to date percentage ranges from 77 to 89 percent

Reservoir

Current usable storage for Ennis Lake is about 27,800 acre-feet (68 percent of capacity) – 89 percent of average. Hebgen Lake is storing about 283,000 acre-feet



UPPER YELLOWSTONE & MADISON RIVER BASINS
Streamflow Forecasts - March 1, 2002

Forecast Point	Forecast Period	Future Conditions				Wetter		30-Yr Avg. (1000AF)
		90% (1000AF)	70% (1000AF)	50% (Most Probable) (1000AF)	Chance Of Exceeding * (% AVG.)	30% (1000AF)	10% (1000AF)	
YELLOWSTONE at Lake Outlet	APR-SEP	408	519	595	74	671	782	805
YELLOWSTONE RIVER at Corwin Springs	APR-SEP	1068	1266	1400	71	1534	1732	1970
YELLOWSTONE RIVER near Livingston	APR-SEP	1334	1498	1610	71	1722	1886	2280
HEBGEN Reservoir Inflow	APR-SEP	315	366	400	80	434	485	500

UPPER YELLOWSTONE & MADISON RIVER BASINS
Reservoir Storage (1000 AF) - End of February

UPPER YELLOWSTONE & MADISON RIVER BASINS
Watershed Snowpack Analysis - March 1, 2002

Reservoir	Usable Capacity	*** Usable Storage ***			Watershed	Number of Data Sites	This Year as % of	
		This Year	Last Year	Avg			Last Yr	Average
ENNIS LAKE	41.0	27.8	30.6	31.4	MADISON RIVER in WY	9	161	83
HEBGEN LAKE	377.5	283.0	295.4	265.2	YELLOWSTONE RIVER in WY	12	140	78

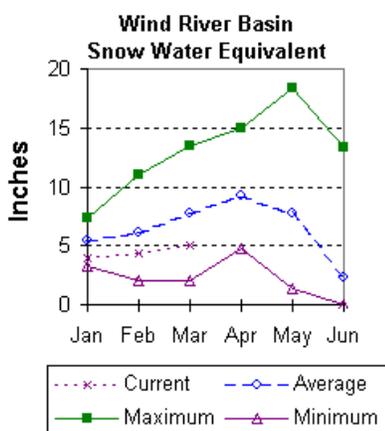
* 90%, 70%, 30%, and 10% chances of exceeding are the probabilities that the actual volume will exceed the volumes in the table.

- (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 (3)

Snow

The Wind River basin has much below average snow water equivalent (SWE) for this time of the year. SWE in the Wind River above Dubois is 73 percent of average (118 percent of last year). The Little Wind SWE is 58 percent of average water content (125 percent of last year), and the Popo Agie drainage SWE is about 62 percent of average (109 percent of last year). The Wind River basin, above Boysen Reservoir, SWE is about 66 percent of average (about 115 percent of last year). See the Basin Summary of Snow Course Data at the front of this report for details.



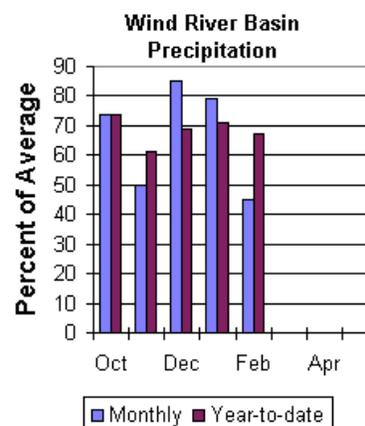
Precipitation

Last month's precipitation in the basin varied from 28 to 110 percent of average. Precipitation for the basin was about 67 percent of average for the 8 reporting stations. Water year-to-date precipitation is 67 percent of normal. The current water-year-to-date average is about 117 percent of last year at this time. Year to date figures range from 49 to 80 percent of average.

Reservoirs

Current usable storage varies from 16 to 127 percent of average. Bull Lake is currently

storing about 28,100 acre feet (19 percent of capacity) -- normally the reservoir is at 56 percent of capacity at this time of the year. Boysen Reservoir is storing about 15 percent of capacity 91,000 acre feet) -- normally the reservoir is at 96 percent of capacity at this time of the year. Pilot Butte is storing 80 percent of capacity (25,200 acre feet) -- normally the reservoir is at 87 percent of capacity at this time of the year.



Streamflow

Water supply is estimated to be much below normal this year. The following values reflect the 50 percent chance yields for the April through September runoff period. The Wind River above Bull Lake Creek is expected to yield 345,000 acre feet (65 percent of average). Wind River at Riverton will yield about 315,000 acre feet (49 percent of average). Boysen Reservoir inflow will yield about 410,000 acre feet (51 percent of normal). Bull Lake Creek near Lenore is expected to yield about 105,000 acre feet (58 percent of average). Little Popo Agie River near Lander is expected to yield about 26,000 acre feet (49 percent of average). South Fork of Little Wind near Fort Washakie will yield about 48,000 acre feet (57 percent of average). Little Wind River near Riverton will yield about 175,000 acre feet (56 percent of average).

WIND RIVER BASIN
Streamflow Forecasts - March 1, 2002

Forecast Point	Forecast Period	Future Conditions						30-Yr Avg. (1000AF)
		<<===== Drier =====>>		=====		===== Wetter =====>>		
		90% (1000AF)	70% (1000AF)	Chance Of Exceeding * 50% (Most Probable) (1000AF) (% AVG.)		30% (1000AF)	10% (1000AF)	
WIND RIVER abv Bull Lake Cr (2)	APR-SEP	227	297	345	65	393	463	535
WIND RIVER at Riverton (2)	APR-SEP	96	226	315	49	404	534	640
BOYSEN RESERVOIR Inflow (2)	APR-SEP	88	280	410	51	540	732	809
BULL LAKE CR near Lenore (2)	APR-SEP	52	83	105	58	127	158	182
LT POPO AGIE RIVER nr Lander	APR-SEP	7.2	18.4	26	49	34	45	53
SF LT WIND nr Fort Washakie	APR-SEP	20	37	48	57	59	76	84
LT WIND RIVER nr Riverton	APR-SEP	23	114	175	56	236	327	315

WIND RIVER BASIN Reservoir Storage (1000 AF) - End of February				WIND RIVER BASIN Watershed Snowpack Analysis - March 1, 2002				
Reservoir	Usable Capacity	*** Usable Storage ***			Watershed	Number of Data Sites	This Year as % of	
		This Year	Last Year	Avg			Last Yr	Average
BULL LAKE	151.8	28.1	62.5	85.4	WIND RIVER above Dubios	7	119	73
BOYSEN	596.0	91.0	434.5	571.4	LITTLE WIND	2	125	58
PILOT BUTTE	31.6	25.2	23.4	19.9	POPO AGIE	7	109	62
					WIND above Boyesen Resv	14	116	66

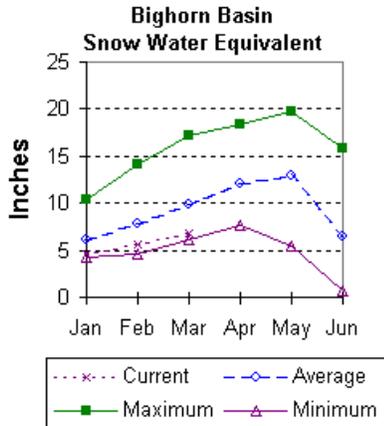
* 90%, 70%, 30%, and 10% chances of exceeding are the probabilities that the actual volume will exceed the volumes in the table.

- (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 (4)

Snow

Snowpack in this basin is well below average for this time of year. The Nowood drainage SWE is 63 percent of average (119 percent of last year). Greybull River SWE is 60 percent of average (121 percent of last year). Shell Creek SWE is 77 percent of average (122 percent of last year). The basin SWE, as a whole, is currently 69 percent of average (121 percent of last year). For more information see Basin Summary of Snow Courses at beginning of report.



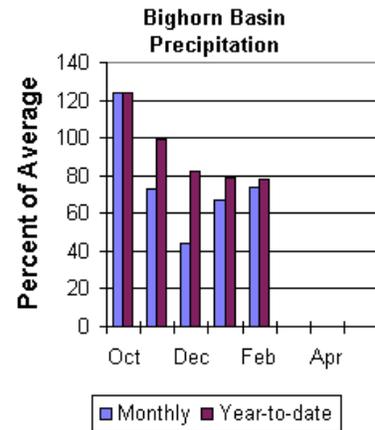
Precipitation

February precipitation was 47 percent of the monthly average (64 percent of last year). Sites ranged from 31 to 62 percent of average for the month. Year-to-date precipitation is 79 percent of normal; that is 125 percent of last year at this time. Year to date percentages, from the 16 reporting stations, range from 67 to 89.

Reservoir

Boysen Reservoir is currently storing 91,000-acre feet (16 percent of average). Bighorn

Lake is now at 81 percent of average (669,500-acre feet). Boysen is currently storing 21 percent of last year at this time and Big Horn Lake is storing 79 percent of last year's volume.



Streamflow

The 50 percent chance April through September runoff is anticipated to be below normal. The Boysen Reservoir inflow is forecast to yield 410,000 acre feet (51 percent of average); the Greybull River nr Meeteese should yield 77,000 acre feet (39 percent of average); Shell Creek near Shell should yield 56,000 acre feet (78 percent of average) and the Bighorn River at Kane should yield 575,000 acre feet (52 percent of average).

SHOSHONE & CLARKS FORK RIVER BASINS
Streamflow Forecasts - March 1, 2002

Forecast Point	Forecast Period	<<===== Drier ===== Future Conditions ===== Wetter =====>>				30-Yr Avg. (1000AF)		
		90% (1000AF)	70% (1000AF)	Chance Of Exceeding * 50% (Most Probable) (1000AF) (% AVG.)			30% (1000AF)	10% (1000AF)
NF SHOSHONE RIVER at Wapiti	APR-SEP	247	290	320	62	350	393	520
SF SHOSHONE RIVER nr Valley	APR-SEP	80	113	135	51	157	190	265
SF SHOSHONE RIVER abv Buffalo Bill	APR-SEP	9.0	61	97	43	133	185	225
BUFFALO BILL DAM Inflow (2)	APR-SEP	323	414	475	59	536	627	805
CLARKS FORK RIVER nr Belfry	APR-SEP	277	332	370	62	408	463	595

SHOSHONE & CLARKS FORK RIVER BASINS Reservoir Storage (1000 AF) - End of February					SHOSHONE & CLARKS FORK RIVER BASINS Watershed Snowpack Analysis - March 1, 2002			
Reservoir	Usable Capacity	*** Usable Storage ***			Watershed	Number of Data Sites	This Year as % of	
		This Year	Last Year	Avg			Last Yr	Average
BUFFALO BILL	646.6	241.5	362.5	405.8	SHOSHONE RIVER	7	138	69
					CLARKS FORK in WY	7	137	73

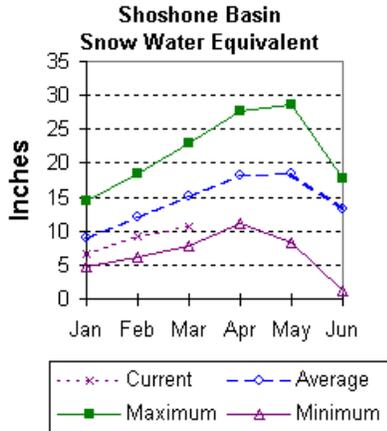
* 90%, 70%, 30%, and 10% chances of exceeding are the probabilities that the actual volume will exceed the volumes in the table.

- (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 and Clarks Fork River Basin (5)

Snow

Snow Water Equivalent (SWE) is 69 percent of average (138 percent of last year) in the Shoshone River basin. The Clarks Fork River basin SWE is 73 percent of average (137 percent of last year). For more information see the Basin Summary of Snow Course Data at the beginning of this report.



Currently, about 241,500 acre-feet are stored in the reservoir compared to 362,500 acre feet last year. Detailed reservoir data is shown on the following page and on the reservoir storage summary at the beginning of this report.

Streamflow

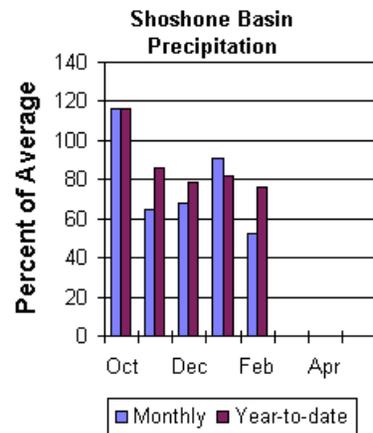
The fifty percent yield (April through September period) for North Fork Shoshone River at Wapiti is expected to be 320,000 acre-feet (62 percent of average). South Fork of the Shoshone River near Valley is estimated to yield of 135,000 acre-feet (51 percent of average), and South Fork above Buffalo Bill Reservoir is expected to be 97,000 acre-feet (43 percent of average). At the Buffalo Bill Reservoir, the fifty percent chance yield for the Shoshone River is expected to be about 475,000 acre-feet (59 percent of average). The fifty-percent chance yield for the Clarks Fork of the Yellowstone near Belfry, Montana is expected to be about 370,000 acre-feet (62 percent of average).

Precipitation

Precipitation for the month of February was 52 percent of normal. Monthly percentages range from 0 to 222 percent of average. The basin year-to-date precipitation is now 76 percent of average (123 percent of last year). Year-to-date percentages range from 63 to 80 percent of average.

Reservoir

Current storage in Buffalo Bill Reservoir is 60 percent of average (67 percent of last year's storage) – the reservoir is about 37 percent of capacity.



SHOSHONE & CLARKS FORK RIVER BASINS
Streamflow Forecasts - March 1, 2002

Forecast Point	Forecast Period	<<----- Drier ----- Future Conditions ----- Wetter ----->>				30-Yr Avg. (1000AF)		
		90% (1000AF)	70% (1000AF)	Chance Of Exceeding * 50% (Most Probable) (1000AF) (% AVG.)			30% (1000AF)	10% (1000AF)
NF SHOSHONE RIVER at Wapiti	APR-SEP	247	290	320	62	350	393	520
SF SHOSHONE RIVER nr Valley	APR-SEP	80	113	135	51	157	190	265
SF SHOSHONE RIVER abv Buffalo Bill	APR-SEP	9.0	61	97	43	133	185	225
BUFFALO BILL DAM Inflow (2)	APR-SEP	323	414	475	59	536	627	805
CLARKS FORK RIVER nr Belfry	APR-SEP	277	332	370	62	408	463	595

SHOSHONE & CLARKS FORK RIVER BASINS Reservoir Storage (1000 AF) - End of February					SHOSHONE & CLARKS FORK RIVER BASINS Watershed Snowpack Analysis - March 1, 2002			
Reservoir	Usable Capacity	*** Usable Storage ***			Watershed	Number of Data Sites	This Year as % of	
		This Year	Last Year	Avg			Last Yr	Average
BUFFALO BILL	646.6	241.5	362.5	405.8	SHOSHONE RIVER	7	138	69
					CLARKS FORK in WY	7	137	73

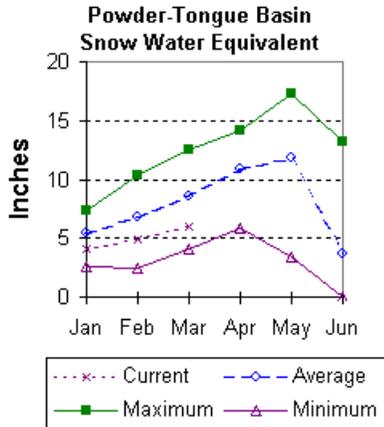
* 90%, 70%, 30%, and 10% chances of exceeding are the probabilities that the actual volume will exceed the volumes in the table.

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Powder and Tongue River Basins (6)

Snow

Snow water equivalent (SWE) in the Upper Tongue River drainage is 74 percent of normal (115 percent of last year). The Goose Creek drainage is 77 percent of average (115 percent of last year). Clear Creek drainage is 66 percent of normal SWE (119 percent of last year). Crazy Woman Creek is 65 percent of average (148 percent of last year). The Upper Powder River drainage is 74 percent of average (118 percent of last year). The Powder River basin snow water equivalent (SWE), in Wyoming, is about 70 percent of average (118 percent of last year). For more information see Basin Summary of Snow Courses at beginning of report.



year (23,200 acre feet) – the reservoir is about 29 percent of capacity (total capacity is 79,100 acre feet). Last year at this time the reservoir was storing about 33,400 acre feet – average storage is about 24,600 acre feet for this time of the year. Detailed reservoir data is shown on the following page and on the reservoir storage summary at the beginning of this report.

Streamflow

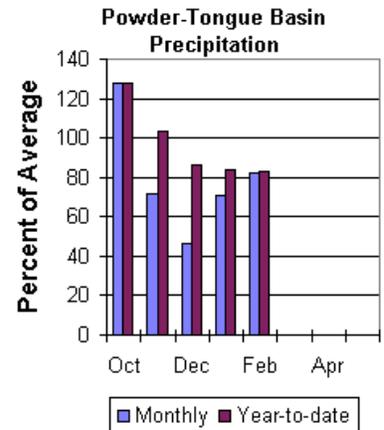
The following runoff values are for the 50 percent probability during the April through September forecast period. The estimated yield for Tongue River near Dayton is 74,000-acre feet (68 percent of normal). Middle Fork of the Powder River near Barnum is estimated to yield 9,300-acre feet (50 percent of average). The North Fork of the Powder near Hazelton should yield about 7,200 acre-feet (69 percent of normal). The estimated yield for Clear Creek near Buffalo is 19,700 acre-feet (51 percent of average). Rock Creek near Buffalo will yield about 12,200 acre-feet (51 percent of normal), and Piney Creek at Kearny should yield about 31,000 acre-feet (60 percent of average).

Precipitation

February precipitation was 82 percent of average for the 11 reporting stations. Monthly percentages range from 26 to 145 percent of average. Precipitation for the year ranges from 69 to 95 percent of average at the reporting stations. Year-to-date precipitation is about 83 percent of average in the basin; this is 122 percent of last year at this time.

Reservoir

Tongue River Reservoir is currently at 94 percent of average storage for this time of



POWDER & TONGUE RIVER BASINS
Streamflow Forecasts - March 1, 2002

Forecast Point	Forecast Period	<<===== Drier ===== Future Conditions ===== Wetter =====>>						30-Yr Avg. (1000AF)
		Chance Of Exceeding *						
		90% (1000AF)	70% (1000AF)	50% (Most Probable) (1000AF)	(% AVG.)	30% (1000AF)	10% (1000AF)	
TONGUE RIVER nr Dayton (2)	APR-SEP	45	62	74	68	86	103	109
MIDDLE FORK POWDER nr Barnum	APR-SEP	2.1	6.4	9.3	50	12.2	16.5	18.7
NORTH FORK POWDER nr Hazelton	APR-SEP	4.6	6.2	7.2	69	8.2	9.8	10.4
CLEAR CREEK nr Buffalo	APR-SEP	8.0	14.9	19.7	51	25	31	39
ROCK CREEK nr Buffalo	APR-SEP	6.6	9.9	12.2	51	14.5	17.8	24
PINEY CREEK at Kearny	APR-SEP	4.2	20	31	60	42	58	52

POWDER & TONGUE RIVER BASINS Reservoir Storage (1000 AF) - End of February					POWDER & TONGUE RIVER BASINS Watershed Snowpack Analysis - March 1, 2002			
Reservoir	Usable Capacity	*** Usable Storage ***			Watershed	Number of Data Sites	This Year as % of	
		This Year	Last Year	Avg			Last Yr	Average
TONGUE RIVER	79.1	23.2	33.4	24.6	UPPER TONGUE RIVER	10	115	74
					GOOSE CREEK	3	115	77
					CLEAR CREEK	4	119	66
					CRAZY WOMAN CREEK	3	148	65
					UPPER POWDER RIVER	4	118	74
					POWDER RIVER in WY	8	118	70

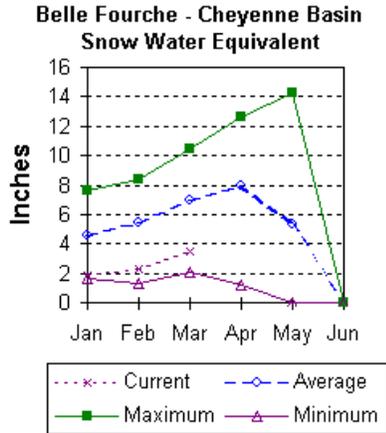
* 90%, 70%, 30%, and 10% chances of exceeding are the probabilities that the actual volume will exceed the volumes in the table.

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- (2) - The value is natural volume - actual volume may be affected by upstream water management.

Belle Fourche and Cheyenne River Basins (7)

Snow.

The Belle Fourche River Basin snow water equivalent (SWE) is much below average.. SWE is currently 49 percent of average snow pack; 34 percent of last years amount at this time. See Basin summary of Snow Course Data at the beginning of this report for a detailed listing.



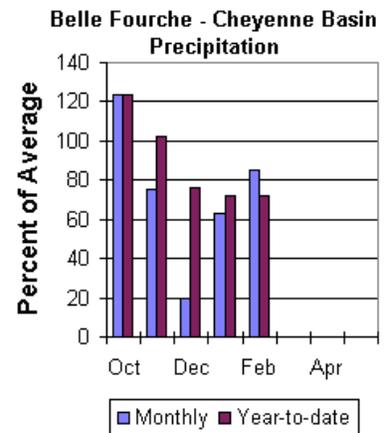
Precipitation.

Precipitation, for the month of February was 85 percent of average in the Black Hills. Monthly percentages range from 15 to 209 percent. Year-to-date precipitation is 72 percent of average and 74 percent of last year's amount.

Reservoir.

Usable reservoir storage is generally above average in the basin. Angostura is currently

storing 100 percent of average (101,400-acre feet), about 81 percent of capacity. Belle Fourche reservoir is storing 128 percent of average (144,500-acre feet), about 81 percent of capacity. Deerfield reservoir is storing 112 percent of average (14,800-acre feet), about 97 percent of capacity. Keyhole reservoir is storing 146 percent of average (154,700-acre feet), 80 percent of capacity. Pactola reservoir is storing 114 percent of average (52,600-acre feet), 96 percent of capacity. Shadehill reservoir is storing 100 percent of average (49,900-acre feet), 61 percent of capacity.



Streamflow

Water supply is estimated to be below normal this year. The following values reflect the 50 percent chance yields for the April through July runoff period. Deerfield Reservoir inflow is forecast at 1,300 acre feet (31 percent of average). Pactola is forecast at 3,400 acre feet (18 percent of average).

BELLE FOURCHE & CHEYENNE RIVER BASINS
Streamflow Forecasts - March 1, 2002

Forecast Point	Forecast Period	Future Conditions						30-Yr Avg. (1000AF)
		<<===== Drier =====>>		Future Conditions		===== Wetter =====>>		
		90% (1000AF)	70% (1000AF)	50% (Most Probable) (1000AF)	Chance Of Exceeding * (% AVG.)	30% (1000AF)	10% (1000AF)	
DEERFIELD RESERVOIR Inflow	MAR-JUL	0.70	1.35	1.80	37	3.00	4.78	4.90
	APR-JUL	0.44	0.95	1.30	31	2.42	4.07	4.20
PACTOLA RESERVOIR Inflow	MAR-JUL	0.7	2.9	4.4	21	11.6	22	21
	APR-JUL	0.3	2.1	3.4	18	10.4	21	18.9

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

BELLE FOURCHE & CHEYENNE RIVER BASINS
Watershed Snowpack Analysis - March 1, 2002

Reservoir	Usable Capacity	*** Usable Storage ***			Watershed	Number of Data Sites	This Year as % of	
		This Year	Last Year	Avg			Last Yr	Average
ANGOSTURA	122.1	101.4	90.9	101.7	BELLE FOURCHE	7	34	49
BELLE FOURCHE	178.4	144.5	154.7	113.0				
DEERFIELD	15.2	14.8	15.1	13.2				
KEYHOLE	193.8	154.7	159.8	105.9				
PACTOLA	55.0	52.6	54.1	46.0				
SHADEHILL	81.4	49.9	39.6	50.0				

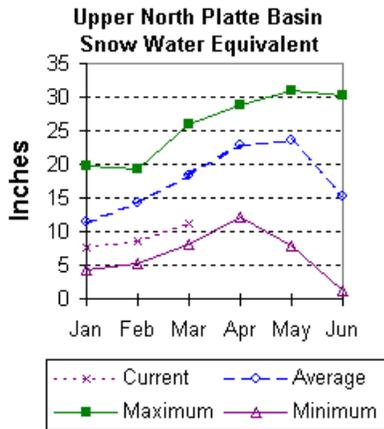
* 90%, 70%, 30%, and 10% chances of exceeding are the probabilities that the actual volume will exceed the volumes in the table.

- (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 (8)

Snow

The snow courses above Seminoe Reservoir have about 61 percent of average snow water equivalent (SWE) recorded for this time of the year (77 percent of last year). SWE in the drainage area above Northgate is about 64 percent of average and 78 percent of last year at this time. SWE in the Encampment River drainage is about 63 percent of normal and 82 percent of last year. Brush Creek SWE for the year is about 65 percent of normal and 78 percent of last year's SWE. Medicine Bow and Rock Creek drainage SWE is about 42 percent of average and 56 percent of last year at this time. For more information see Basin Summary of Snow Courses at the beginning of this report.



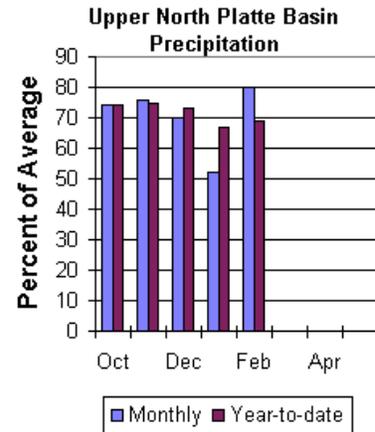
Precipitation

Nine reporting stations indicate last month's precipitation was 80 percent of average and about 86 percent of last year's amount. Precipitation varied from a trace to 99 percent of average. Total water-year-to-date precipitation is about 69 percent of average for the basin, which is about 89 percent of last year's amount. Year to date percentage ranges from 50 to 81 percent of average for the 9 reporting stations.

Reservoirs

Current usable storage in

Seminoe Reservoir is about 79 percent of normal, and about 64 percent of last year's amount. Seminoe Reservoir is estimated to be storing 415,000 acre-feet (41 percent of capacity). Last year, at this time, the reservoir had 650,500 acre-feet in storage.



Streamflow

All the following yields are based on the fifty percent chance April through September yield. Yield for the North Platte River near Northgate is expected to be about 132,000 acre-feet (49 percent of average). Encampment River near Encampment is estimated to yield 110,000 acre-feet (67 percent of normal). Rock Creek near Arlington is estimated to yield 34,000 acre-feet (60 percent of average). Seminoe Reservoir inflow should be about (415,000 acre-feet (52 percent of normal). See the following table for more detailed information on projected runoff.

UPPER NORTH PLATTE RIVER BASIN
Streamflow Forecasts - March 1, 2002

Forecast Point	Forecast Period	<<===== Drier ===== Future Conditions ===== Wetter =====>>						30-Yr Avg. (1000AF)
		Chance Of Exceeding *						
		90% (1000AF)	70% (1000AF)	50% (Most Probable) (1000AF)	(% AVG.)	30% (1000AF)	10% (1000AF)	
North Platte River nr Northgate	APR-SEP	16.0	85	132	49	179	248	270
Encampment River nr Encampment	APR-SEP	66	92	110	67	128	154	165
Rock Creek nr Arlington	APR-SEP	20	28	34	60	41	51	57
Seminoe Reservoir inflow	APR-JUL	115	294	415	52	536	715	800
	APR-SEP	137	323	450	52	577	763	860

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

UPPER NORTH PLATTE RIVER BASIN
Watershed Snowpack Analysis - March 1, 2002

Reservoir	Usable Capacity	*** Usable Storage ***			Watershed	Number of Data Sites	This Year as % of	
		This Year	Last Year	Avg			Last Yr	Average
SEMINOE	1016.7	415.0	650.5	527.4	N PLATTE above Northgate	7	78	64
					ENCAMPMENT RIVER	4	82	63
					BRUSH CREEK	5	78	65
					MEDICINE BOW & ROCK CREEK	3	56	42
					N PLATTE above Seminoe	19	77	61

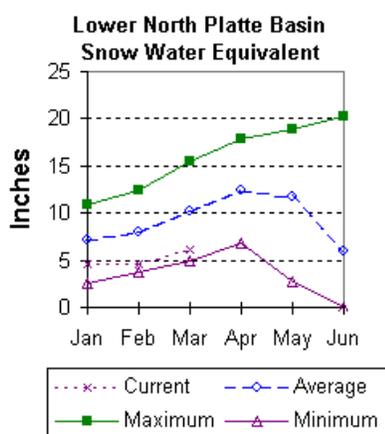
* 90%, 70%, 30%, and 10% chances of exceeding are the probabilities that the actual volume will exceed the volumes in the table.

- (1) - The values listed under the 10% and 90% Chance of Exceeding are actually 5% and 95% exceedance levels.
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Lower North Platte River Basin (9)

Snow

SWE for the North Platte River basin in Wyoming averages 60 percent of normal (76 % of last year). The Sweetwater drainage SWE is currently 64 percent of average (109 percent of last year). Deer and LaPrele Creek SWE is 60 percent of average (61 percent of last year). SWE for the North Platte above the Laramie River drainage is 62 percent of average (78 % of last year). SWE for the Laramie River above the mouth is 54 percent of average (69 % of last year). SWE for the Laramie River above Laramie is 59 percent of average (75 % of last year). SWE for the Little Laramie River is 43 percent of average (56 percent of last year). For more information see Basin Summary of Snow Courses at beginning of report.



Precipitation

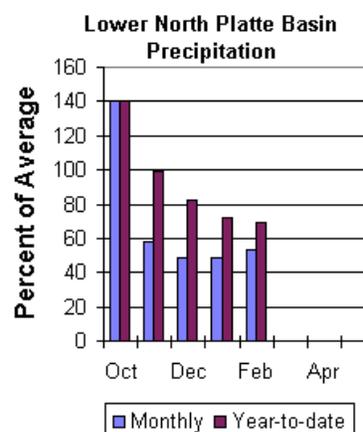
Of the 10 reporting stations, percentages for the month range from 15 to 214. February precipitation for the basin was 53 percent of average (66 percent of last year). The water year-to-date precipitation for the basin is currently 69 percent of average (93 percent of last year). Year to date percentages range from 55 to 138.

Reservoir

The Lower North Platte River basin reservoir storage is well below to well above average.

Reservoir storage is as follows:

Alcova 156,500 acre feet (101 percent of average); Glendo 269,600 acre feet (71 percent of average); Guernsey 15,200 acre feet (107 percent of average); Pathfinder 523,000 acre feet (73 percent of average); Seminoe 415,000 acre feet (79 percent of average). Wheatland No.2 19,000 acre feet (40 percent of average). Water allocated to project use is near average with North Platte Project users at 50 percent of average, Kendrick Project users at 101 percent of average, and Glendo Project users at 106 percent of average.



Streamflow

Yields from 18 to 48 percent are expected in the basin during the forecast period. The following yields are based on the fifty percent chance probability runoff for the April through September forecast period. The Sweetwater near Alcova is forecast to yield about 38,000 acre-feet (48 percent of average). Deer Creek at Glenrock is expected to yield about 24 percent of average (10,000 acre-feet). LaPrele Creek above the reservoir is estimated to yield 18 percent of average (4,400 acre-feet). North Platte River below Guernsey Reservoir is expected to yield about 43 percent of normal (438,000 acre-feet), and below Glendo Reservoir is anticipated to yield about 43 percent of average (430,000 acre-feet). Laramie River near Woods should yield about 61 percent of average (82,000 acre-feet). The Little Laramie near Filmore should produce about 29,000 acre-feet (45 percent of average).

LOWER NORTH PLATTE, SWEETWATER & LARAMIE RIVER BASINS
Streamflow Forecasts - March 1, 2002

Forecast Point	Forecast Period	<<===== Drier ===== Future Conditions ===== Wetter =====>>						30-Yr Avg. (1000AF)
		Chance Of Exceeding *						
		90% (1000AF)	70% (1000AF)	50% (Most Probable) (1000AF)	(% AVG.)	30% (1000AF)	10% (1000AF)	
Sweetwater River nr Alcova	APR-JUL	15.0	27	35	47	52	78	74
	APR-SEP	16.7	29	38	48	56	82	80
Deer Creek at Glenrock	APR-SEP	1.9	5.9	10.0	24	15.1	25	41
La Prele Creek ab La Prele Reservoir	APR-SEP	0.1	1.7	4.4	18	9.1	21	24
Alcova to Orin Gain	APR-JUL	20	26	30	20	67	121	152
	APR-SEP	21	28	32	20	69	124	161
North Platte River blw Glendo Reserv	APR-JUL	162	318	425	44	532	688	960
	APR-SEP	152	318	430	43	542	708	990
North Platte River blw Guernsey Resv	APR-JUL	102	297	430	44	563	758	970
	APR-SEP	98	300	438	43	576	778	1010
Laramie River nr Woods	APR-SEP	16.0	55	82	61	109	148	135
Little Laramie River nr Filmore	APR-SEP	8.2	21	29	45	37	50	64

LOWER NORTH PLATTE, SWEETWATER & LARAMIE RIVER BASINS
Reservoir Storage (1000 AF) - End of February

LOWER NORTH PLATTE, SWEETWATER & LARAMIE RIVER BASINS
Watershed Snowpack Analysis - March 1, 2002

Reservoir	Usable Capacity	*** Usable Storage ***			Watershed	Number of Data Sites	This Year as % of	
		This Year	Last Year	Avg			Last Yr	Average
ALCOVA	184.3	156.5	156.8	155.6	SWEETWATER	4	109	64
GLENDO	506.4	269.6	326.0	381.4	DEER & LAPRELE CREEKS	3	61	60
GUERNSEY	45.6	15.2	15.3	14.2	N PLATTE abv Laramie R.	26	78	62
PATHFINDER	1016.5	523.0	753.3	712.4	LARAMIE RIVER abv Laramie	8	75	59
SEMINOE	1016.7	415.0	650.5	527.4	LITTLE LARAMIE RIVER	4	56	43
WHEATLAND #2	98.9	19.0	34.0	47.7	LARAMIE RIVER above mouth	11	69	54
NORTH PLATTE PROJ	1062.1	315.3	625.4	633.3	NORTH PLATTE	32	76	60
KENDRICK PROJECT	1201.7	826.8	970.4	818.1				
GLENDO PROJECT USERS	183.2	134.0	136.0	126.8				

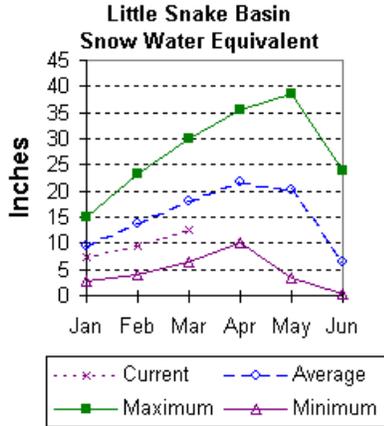
* 90%, 70%, 30%, and 10% chances of exceeding are the probabilities that the actual volume will exceed the volumes in the table.

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Little Snake River Basin (10)

Snow

Snowfall has been below average across the basin this year. Currently, snow water equivalent (SWE) in the Little Snake River drainage is 69 percent of average (86 percent of last year at this time). For more information see Basin Summary of Snow Courses at beginning of this report.



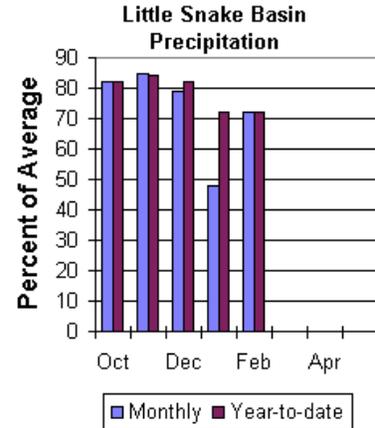
Precipitation

Precipitation across the basin was below average this past month. February precipitation was 72 percent of average (80 percent of last year) for the 5 reporting stations. February precipitation ranged from 61 to 92 percent of average. The Little Snake River basin water-year-to-date precipitation is currently 72 percent of average (92 percent of last year). Year-to-date percentages range from 65 to 79 percent of average.

Streamflow

Runoff yield in the Little Snake River drainage is expected to be below normal this year. Stream yield is based on the 50 percent probability for the April through July forecast period. The Little Snake River near Slater should yield about 93,000 acre-feet (59 percent of normal). Little Snake River near Dixon is estimated to yield 185,000 acre-feet (56 percent of normal).

Runoff yield in the Little Snake River drainage is



LITTLE SNAKE RIVER BASIN
Streamflow Forecasts - March 1, 2002

Forecast Point	Forecast Period	<<===== Drier ===== Future Conditions ===== Wetter =====>>						30-Yr Avg. (1000AF)
		Chance Of Exceeding *						
		90% (1000AF)	70% (1000AF)	50% (Most Probable) (1000AF)	(% AVG.)	30% (1000AF)	10% (1000AF)	
Little Snake River nr Slater	APR-JUL	53	75	93	59	112	144	159
LITTLE SNAKE R nr Dixon	APR-JUL	73	140	185	56	230	297	330

LITTLE SNAKE RIVER BASIN Reservoir Storage (1000 AF) - End of February				LITTLE SNAKE RIVER BASIN Watershed Snowpack Analysis - March 1, 2002				
Reservoir	Usable Capacity	*** Usable Storage ***			Watershed	Number of Data Sites	This Year as % of Last Yr	Average
		This Year	Last Year	Avg				
					LITTLE SNAKE RIVER	8	86	69

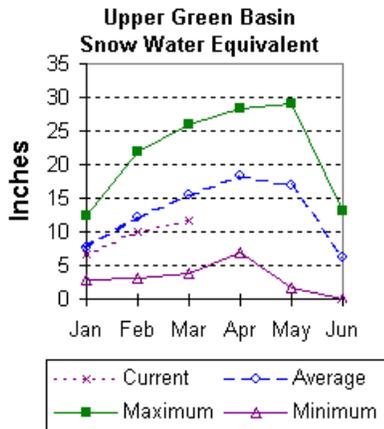
* 90%, 70%, 30%, and 10% chances of exceeding are the probabilities that the actual volume will exceed the volumes in the table.

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- (2) - The value is natural volume - actual volume may be affected by upstream water management.

Upper Green River Basin (11)

Snow

The Upper Green River Basin snow water equivalent (SWE), above Fontenelle Reservoir, is 75 percent of average (112 percent of last year). The Green River basin SWE above Warren Bridge is 77 percent of normal (115 percent of last year). SWE on the west side of the Upper Green River basin is about 74 percent of normal, 118 percent of this time last year. Newfork River SWE is now 74 percent of normal (89 percent of last year). Big Sandy-Eden Valley SWE is about 75 percent of average (114 percent of last year). For more information see the Basin Summary of Snow Courses at the beginning of this report.



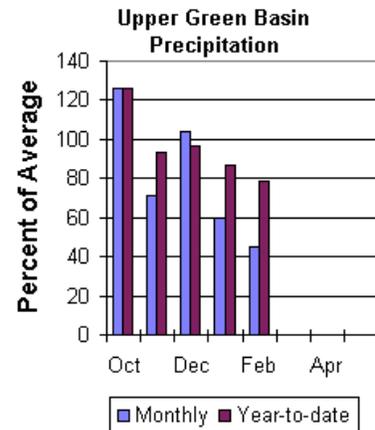
Precipitation

The 11 reporting precipitation sites in the basin were 45 percent of average (55 percent of last month's average). Precipitation varied from 30 to 68 percent of average. Water year-to-date precipitation is about 79 percent of average (115 percent of last year). Year to date percentage of average ranges from 72 to 86 percent for the reporting stations.

Reservoir

Current usable storage in Big Sandy Reservoir is about 4,600 acre feet (24 percent of

average) -- 74 percent of last year and 12 percent of capacity. Current usable storage in Eden Reservoir is about 500 acre feet (15 percent of average) -- 4 percent of capacity. Fontenelle Reservoir is storing 134,500 acre-feet (86 percent of average and 39 percent of the total capacity). Flaming Gorge Reservoir is currently storing 2,834,900 acre feet (97 percent of average) -- 95 percent of last year and 76 percent 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 forecast is based on the fifty-percent chance April through July runoff in the Upper Green River basin. Runoff is forecast to be below average. Green River at Warren Bridge is expected to yield about 205,000 acre-feet (77 percent of normal). Pine Creek above Fremont Lake is expected to yield 75,000 acre-feet (72 percent of normal). New Fork River near Big Piney is expected to yield about 275,000 acre-feet (70 percent of normal). Fontenelle Reservoir Inflow is estimated to be 540,000 acre-feet (63 percent of average), and Big Sandy near Farson is expected to be about 43,000 acre-feet (74 percent of normal).

UPPER GREEN RIVER BASIN
Streamflow Forecasts - March 1, 2002

Forecast Point	Forecast Period	<<===== Drier ===== Future Conditions ===== Wetter =====>>						30-Yr Avg. (1000AF)
		Chance Of Exceeding *						
		90% (1000AF)	70% (1000AF)	50% (Most Probable) (1000AF)	(% AVG.)	30% (1000AF)	10% (1000AF)	
Green River at Warren Bridge	APR-JUL	146	181	205	77	229	264	265
Pine Creek abv Fremont Lake	APR-JUL	59	68	75	72	82	91	104
New Fork River nr Big Piney	APR-JUL	169	232	275	70	318	381	395
Fontenelle Reservoir Inflow	APR-JUL	392	477	540	63	607	712	860
Big Sandy River nr Farson	APR-JUL	26	36	43	74	50	61	58

UPPER GREEN RIVER BASIN Reservoir Storage (1000 AF) - End of February					UPPER GREEN RIVER BASIN Watershed Snowpack Analysis - March 1, 2002			
Reservoir	Usable Capacity	*** Usable Storage ***			Watershed	Number of Data Sites	This Year as % of	
		This Year	Last Year	Avg			Last Yr	Average
BIG SANDY	38.3	4.6	6.2	19.1	GREEN above Warren Bridge	4	117	77
EDEN	11.8	0.5	0.0	3.3	UPPER GREEN (West Side)	7	118	74
FLAMING GORGE	3749.0	2834.9	2996.0	2919.0	NEW FORK RIVER	3	89	74
FONTENELLE	344.8	134.5	95.9	156.1	BIG SANDY/EDEN VALLEY	2	114	75
					GREEN above Fontenelle	14	112	75

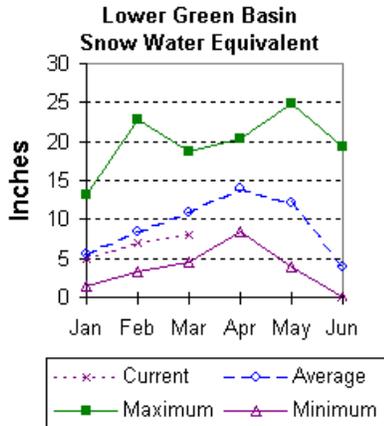
* 90%, 70%, 30%, and 10% chances of exceeding are the probabilities that the actual volume will exceed the volumes in the table.

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Lower Green River Basin (12)

Snow

The Blacks Fork and Henrys Fork drainage's are below average. SWE in the Hams Fork is currently 75 percent of average (112% of last year). Blacks Fork SWE is currently 70 percent of average (109 percent of last year). The Henry's Fork is now at 68 percent of average (79 percent of last year). The basin, as a whole, is 74 percent of average (109 percent of last year). For more information see Basin Summary of Snow Courses at beginning of this report.

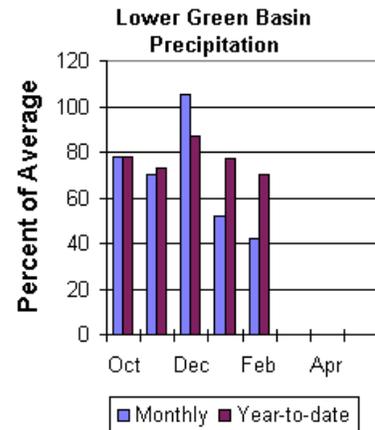


Precipitation

Precipitation was below average for the month (42 percent) for the 3 reporting stations during February. Precipitation ranged from 2 to 70 percent of average for the month. The basin year-to-date precipitation is currently 70 percent of average (114 percent of last year). Year to date percentages range from 69 to 72.

Reservoir

Fontenelle Reservoir is currently storing 134,500 acre feet; this is 86 percent of average (140 percent of last year). Flaming Gorge is currently storing 2,834,900 acre feet, this is 97 percent of average (95 percent of last year). Viva Naughton is currently storing 27,400 acre feet; this is 94 percent of average.



Streamflow

Expected yields vary from 61 to 69 percent of average across the basin.

The following forecast values are based on a 50 percent chance probability for the April through July forecast period. Green River near Green River is forecast to yield about 550,000-acre feet (63 percent of average). Blacks Fork near Robertson is forecast to yield 62,000-acre feet (65 percent of average). East Fork of Smiths Fork near Robertson is estimated to yield 19,000 acre-feet (61 percent of average). The estimated yield for Hams Fork near Frontier is 45,000-acre feet (69 percent of average). Viva Naughton Reservoir inflow will be about 58,000-acre feet (65 percent of average). Flaming Gorge Reservoir inflow will be about 720,000-acre feet (61 percent of average).

LOWER GREEN RIVER BASIN
Streamflow Forecasts - March 1, 2002

Forecast Point	Forecast Period	Future Conditions						30-Yr Avg. (1000AF)
		<<===== Drier =====>>		Chance Of Exceeding *		===== Wetter =====>>		
		90% (1000AF)	70% (1000AF)	50% (Most Probable) (1000AF)	(% AVG.)	30% (1000AF)	10% (1000AF)	
Green River nr Green River, WY	APR-JUL	314	455	550	63	645	786	875
Blacks Fork nr Robertson	APR-JUL	34	51	62	65	73	90	95
EF of Smiths Fork nr Robertson	APR-JUL	14.4	17.0	19.0	61	21	25	31
Hams Fk blw Pole Ck nr Frontier	APR-JUL	28	38	45	69	53	66	65
Hams Fk Inflow to Viva Naughton Res	APR-JUL	26	45	58	65	71	90	89
Flaming Gorge Reservoir Inflow	APR-JUL	321	588	720	61	853	1119	1190

LOWER GREEN RIVER BASIN Reservoir Storage (1000 AF) - End of February					LOWER GREEN RIVER BASIN Watershed Snowpack Analysis - March 1, 2002			
Reservoir	Usable Capacity	*** Usable Storage ***			Watershed	Number of Data Sites	This Year as % of	
		This Year	Last Year	Avg			Last Yr	Average
FONTENELLE	344.8	134.5	95.9	156.1	HAMS FORK RIVER	4	112	75
FLAMING GORGE	3749.0	2834.9	2996.0	2919.0	BLACKS FORK	5	109	70
VIVA NAUGHTON RES	42.4	27.4	31.1	29.1	HENRYS FORK	3	79	68
					GREEN above Flaming Gorge	26	109	74

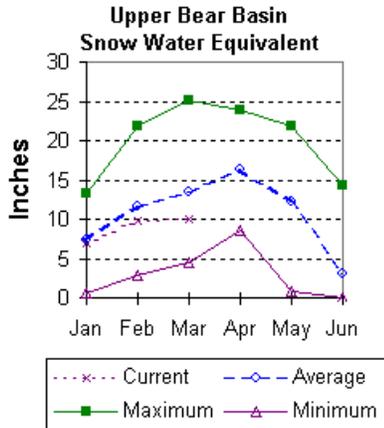
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Upper Bear River Basin (13)

Snow

Snow water equivalent (SWE), at snow courses in the Bear River above the Idaho State line, is 75 percent of average (111 percent of last year). SWE for the Bear River in Utah is estimated to be 76 percent of average; that is about 105 percent of last year at this time. SWE in the Wyoming portion of the Bear River drainage (Smiths and Thomas Forks) is estimated at 73 percent of average (112 percent of last year at this time.). See the Basin Summary of Snow Course Data at the beginning of this report for more detailed information.



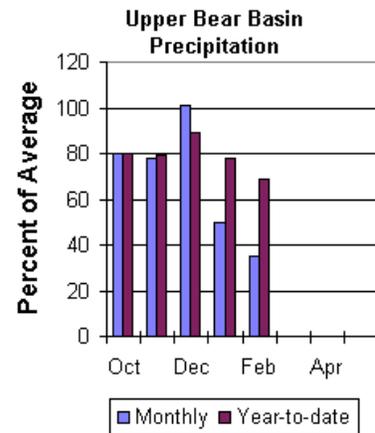
at this time of the year. Current storage is 20 percent of average, and 69 percent of last year's amount.

Precipitation

Precipitation for last month was 50 percent of average for the 2 reporting stations. Last month was 35 percent of average and 52 percent of last year's amount. The year-to-date precipitation, for the basin, is 69 percent of average; this is 109 percent of last year's amount.

Reservoir

Woodruff Narrows reservoir is currently storing 5,500 acre feet (10 percent of capacity). Normally, the reservoir is storing 48 percent of capacity



Streamflow

The following is based on the 50 percent chance stream flow yields are for the April through September period. Smiths Fork near Border is estimated to yield 66,000 acre-feet (56 percent of normal), and Thomas Fork drainage near the Idaho-Wyoming state line is much below average. Bear River above the Utah-Wyoming State Line is expected to yield about 83,000 acre feet (66 percent of average), The Bear River near Woodruff is expected to yield about 102,000 acre-feet (about 66 percent of normal).

UPPER BEAR RIVER BASIN
Streamflow Forecasts - March 1, 2002

Forecast Point	Forecast Period	Future Conditions						30-Yr Avg. (1000AF)
		Drier		Wetter				
		90% (1000AF)	70% (1000AF)	50% (Most Probable) (1000AF)	30% (1000AF)	10% (1000AF)	Chance Of Exceeding * (% AVG.)	
SMITHS FK nr Border, WY	APR-SEP	47	58	66	56	76	92	118
Bear R nr UT-WY State Line	APR-SEP	61	73	83	66	94	112	125
BEAR R nr Woodruff, UT	APR-SEP	57	80	102	66	129	183	154

UPPER BEAR RIVER BASIN
Reservoir Storage (1000 AF) - End of February

UPPER BEAR RIVER BASIN
Watershed Snowpack Analysis - March 1, 2002

Reservoir	Usable Capacity	*** Usable Storage ***			Watershed	Number of Data Sites	This Year as % of	
		This Year	Last Year	Avg			Last Yr	Average
WOODRUFF NARROWS	57.3	5.5	8.0	27.6	UPPER BEAR RIVER in Utah	7	105	76
					SMITHS & THOMAS FORKS	4	112	73
					BEAR RIVER abv ID line	9	111	75
					NORTHWEST	77	129	73
					NORTHEAST	23	87	69
					SOUTHEAST	35	79	63
					SOUTHWEST	35	101	73

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

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Issued by

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