NRCS
Natural
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Wyoming
Water Supply Outlook Report

June 1, 2002

Water Supply 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.

Wyoming Water Supply Outlook Report

General

Generally, snow water equivalent (SWE) across the state is below normal for this time of the year. Most of the SNOTEL sites have melted out. Precipitation for the month was below normal across the State. Reservoir levels vary from below average to average – average to above average in the northeast and northwest. Reservoirs in the north central and southern part of the state are below normal. Generally, forecast runoff is well below average in the south half of the State and below average in the north central portion of the State. Forecast runoff varies from 7 to 92 percent of average. It is extremely likely that some irrigated areas will be significantly short of water. In some cases, reservoirs may not fill with the spring runoff, especially in the southern and north central portion of the State.

Snowpack

Less than average snowfall has occurred this past month. Although conditions did improve slightly in the north half of the State, SWE is generally below average for the State. SWE in the northwestern portion of the State is now at 78 percent of average (154 percent of last year). Northeast Wyoming SWE is currently about 70 percent of average (115 percent of last year). The southeast portion is currently about 45 percent of average SWE (59 percent of last year). And the southwest is about 58 percent of average (102 percent of last year).

Precipitation

The entire State experienced below average precipitation for the month of May. Basins ranged from 30 to 84 percent of average last month. The Upper North Platte received only 35 percent of average. The Lower North Platte faired only slightly better getting 47 percent of average. The Little Snake received the least in percentage though getting just 30 percent of average for the month. At 84 percent, the Upper Bear got the highest percent of average precipitation for May.

Current month departures from normal

Basin	Departure from normal	Basin	Departure from normal
Snake River	-24%	Upper North Platte River	-65%
Yellowstone & Madison	-18%	Lower North Platte	-53%
Wind River	-37%	Little Snake River	-70%
Big Horn	-36%	Upper Green River	-19%
Shoshone & Clarks Fork	-28%	Lower Green River	-41%
Powder & Tongue River	-36%	Upper Bear River	-16%
Belle Fourche & Cheyenne	-28%		

Streams

Stream flow yield is expected to be below average to much below average across the State. Average most probable yield for the State is forecast to be about 50 percent of average. The northwest part of the State is expected to yield about 65 percent of normal -- yield estimates vary from 28 to 84 percent of normal. Yield from the northeast portion of Wyoming will be below average (about 65 percent of average) -- yield estimates vary from 33 to 92 percent of average for the various forecast points. The southeast portion of the state is expected to be about 18 percent of normal -- yield estimates range from 7 to 26 percent of normal. Forecast for the southwest portion of Wyoming varies from 32 to 66 percent of average -- mean estimated yield for the forecast points in southwest Wyoming is about 46 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

BARE - DATA CURRENT **AS OF:06/06/02 06:05:56**

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 MAY 2002

BASIN AREA RESERVOIR	CURRENT AS % CAPACITY	LAST YR AS % CAPACITY	AVERAGE AS % CAPACITY	CURRENT AS % AVERAGE	CURRENT AS % LAST YR
ALCOVA	97	98	97	100	100
ANGOSTURA	88	94	96	92	94
BELLE FOURCHE	94	103	85	111	91
BIG SANDY	35	51	77	46	69
BIGHORN LAKE	47	62	64	74	76
BOYSEN	38	69	81	47	55
BUFFALO BILL	42	63	61	69	67
BULL LAKE	25	52	63	40	47
DEERFIELD	100	99	89	112	101
EDEN	4	24	60	7	18
ENNIS LAKE	92	89	86	107	103
FLAMING GORGE			NO REPORT		
FONTENELLE	39	46	53	74	85
GLENDO	70	88	99	70	80
GRASSY LAKE	88	97	95	92	90
GUERNSEY	62	78	79	78	79
HEBGEN LAKE	90	92	83	107	97
JACKSON LAKE	55	90	68	81	61
KEYHOLE	81	88	61	132	92
PACTOLA	100	99	88	113	101
PALISADES	56	60	74	75	92
PATHFINDER	51	78	76	67	65
PILOT BUTTE	50	47	77	65	107
SEMINOE	37	74	65	57	50
SHADEHILL	60	96	84	71	62
TONGUE RIVER	51	57	61	84	89
VIVA NAUGHTON RES	91	101	92	98	90
WHEATLAND #2	22	62	60	37	36
WOODRUFF NARROWS			NO REPORT		
GLENDO PROJECT USERS	72	94	82	88	76
KENDRICK PROJECT	66	78	70	95	85
NORTH PLATTE PROJ	16	84	86	19	19

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

JUNE 2002

SNOW COURSE	ELEVATION	DATE	SNOW DEPTH	WATER CONTENT	LAST YEAR	AVERAGE 71-00
WYOMING Snow Course and SNOTEL Stations						
BALD MOUNTAIN SNOTEL	9380	6/01/02	---	12.4	1.0	16.7
BASE CAMP SNOTEL	7030	6/01/02	---	.0	.0	.0
BATTLE MTN. SNOTEL	7440	6/01/02	---	.0	.0	.0
BEARTOOTH LK. SNOTEL	9280	6/01/02	---	17.8	.6	20.1
BEAR TRAP SNOTEL	8200	6/01/02	---	.0	.0	.0
BIG GOOSE SNOTEL	7760	6/01/02	---	.0	.0	2.7
BIG SANDY SNOTEL	9080	6/01/02	0	.0	.0	1.4
BLACKWATER SNOTEL	9780	6/01/02	---	19.4	1.2	24.7
BLIND BULL SNOTEL	8900	6/01/02	25	10.2	.0	17.8
BLIND PARK SNOTEL	6870	6/01/02	---	.0	.0	.0
BONE SPGS. SNOTEL	9350	6/01/02	---	8.6	.0	8.2
BROOKLYN LK. SNOTEL	10220	6/01/02	---	.0	.2	11.6
BURGESS JCT. SNOTEL	7880	6/01/02	---	.0	.0	2.6
BURROUGHS CRK SNOTEL	8750	6/01/02	---	.9	.0	3.4
CANYON SNOTEL	8090	6/01/02	---	.0	.0	1.3
CASPER MTN. SNOTEL	7850	6/01/02	---	.0	.0	4.2
CHALK CK #1 SNOTEL	9100	6/01/02	0	.0	.0	12.0
CHALK CK #2 SNOTEL	8200	6/01/02	0	.0	.0	.8
CLOUD PEAK SNOTEL	9850	6/01/02	---	1.5	.0	7.7
COLE CANYON SNOTEL	5910	6/01/02	---	.0	.0	--
COLD SPRINGS SNOTEL	9630	6/01/02	---	.0	.0	1.1
COTTONWOOD CR SNOTEL	7700	6/01/02	---	.0	.0	5.1
DEER PARK SNOTEL	9700	6/01/02	---	1.8	.0	8.0
DIVIDE PEAK SNOTEL	8860	6/01/02	---	.0	.0	3.7
DOME LAKE SNOTEL	8880	6/01/02	---	.0	.0	3.2
EAST RIM DIV SNOTEL	7930	6/01/02	---	.0	.0	1.5
ELBO RANCH	7100	6/01/02	0	.0	--	--
ELKHART PARK SNOTEL	9400	6/01/02	---	.0	.0	3.3
EVENING STAR SNOTEL	9200	6/01/02	---	17.8	.0	26.7
GLADE CREEK	7040	5/30/02	0	.0	--	--
GRANITE CRK SNOTEL	6770	6/01/02	---	.0	.0	.8
GRASSY LAKE SNOTEL	7270	6/01/02	---	3.2	.0	14.0
GRAVE SPRINGS SNOTEL	8550	6/01/02	---	.0	.0	1.8
GROS VENTRE SNOTEL	8750	6/01/02	---	.0	.0	3.7
HANSEN S.M. SNOTEL	8360	6/01/02	---	.0	.0	.2
HAMS FORK SNOTEL	7840	6/01/02	---	.0	.0	.0
HOBBS PARK SNOTEL	10100	6/01/02	---	1.0	.0	10.1
INDIAN CREEK SNOTEL	9430	6/01/02	---	5.5	.0	14.7
KELLEY R.S. SNOTEL	8180	6/01/02	---	.0	.0	1.4
KENDALL R.S. SNOTEL	7740	6/01/02	---	.0	.0	.0
KIRWIN SNOTEL	9550	6/01/02	---	.0	.0	5.5
LA PRELE SNOTEL	8380	6/01/02	---	.0	.0	.8
LEWIS LAKE SNOTEL	7850	6/01/02	---	7.4	.0	17.9

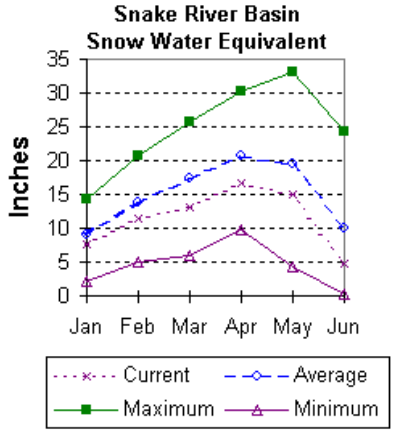
1 SNOW COURSE	ELEVATION	DATE	SNOW DEPTH	WATER CONTENT	LAST YEAR	AVERAGE 71-00
LEWIS LAKE DIVIDE	7850	5/30/02	33	17.4	--	--
LITTLE WARM SNOTEL	9370	6/01/02	---	.0	.0	1.9
LOOMIS PARK SNOTEL	8240	6/01/02	---	.0	.0	2.3
MARQUETTE SNOTEL	8760	6/01/02	---	.0	.0	4.2
MIDDLE POWDER SNOTEL	7760	6/01/02	---	.0	.0	2.6
NEW FORK SNOTEL	8340	6/01/02	---	.0	.0	.0
NORTH FRENCH SNOTEL	10130	6/01/02	---	7.3	6.8	23.9
NORTH RAPID CK SNTL	6130	6/01/02	---	.0	.0	.0
OLD BATTLE SNOTEL	9920	6/01/02	---	6.4	12.7	25.6
OWL CREEK SNOTEL	8980	6/01/02	---	.0	.0	.5
PARKERS PEAK SNOTEL	9400	6/01/02	---	8.4	.0	18.5
PHILLIPS BENCH SNTL	8200	6/01/02	---	2.5	.0	14.0
POWDER RVR.PASS SNTL	9480	6/01/02	---	.0	.0	2.3
RENO HILL SNOTEL	8500	6/01/02	---	.0	.0	3.4
SAGE CREEK BASIN	7850	6/01/02	---	.0	--	--
SALT RIVER SNOTEL	7600	6/01/02	---	.0	.0	.0
SAND LAKE SNOTEL	10050	6/01/02	---	13.4	12.7	25.8
SANDSTONE SNOTEL	8150	6/01/02	---	.0	.0	.0
SHELL CREEK SNOTEL	9580	6/01/02	---	9.7	.0	10.4
SNAKE RV STA SNOTEL	6920	6/01/02	---	.0	.0	.0
SNIDER BASIN SNOTEL	8060	6/01/02	---	.0	.0	.0
SOUTH BRUSH SNOTEL	8440	6/01/02	---	.0	.0	1.7
SOUTH PASS SNOTEL	9040	6/01/02	---	.0	.0	6.3
SPRING CRK. SNOTEL	9000	6/01/02	---	8.7	.0	15.0
ST LAWRENCE ALT SNTL	8620	6/01/02	---	.0	.0	.7
SUCKER CREEK SNOTEL	8880	6/01/02	---	.0	.0	3.6
SYLVAN LAKE SNOTEL	8420	6/01/02	---	5.3	.0	11.4
SYLVAN ROAD SNOTEL	7120	6/01/02	---	.0	.0	.0
THUMB DIVIDE SNOTEL	7980	6/01/02	---	.0	.0	1.9
TIE CREEK SNOTEL	6870	6/01/02	---	.0	.0	.0
TIMBER CREEK SNOTEL	7950	6/01/02	---	.0	.0	.5
TOGWOTEE PASS SNOTEL	9580	6/01/02	42	16.4	.0	21.9
TOWNSEND CRK SNOTEL	8700	6/01/02	---	.0	.0	1.7
TRIPLE PEAK SNOTEL	8500	6/01/02	---	.0	.0	4.8
TWO OCEAN SNOTEL	9240	6/01/02	---	24.7	2.7	25.2
WEBBER SPRING SNOTEL	9250	6/01/02	---	.0	.0	6.5
WHISKEY PARK SNOTEL	8950	6/01/02	---	.0	.0	13.6
WILLOW CREEK SNOTEL	8450	6/01/02	---	.0	.0	14.3
WINDY PEAK SNOTEL	7900	6/01/02	---	.0	.0	.1
WOLVERINE SNOTEL	7650	6/01/02	---	.0	.0	.0
YOUNTS PEAK SNOTEL	8350	6/01/02	---	3.2	.0	7.0

(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 84 percent of average (180% of last year at this time). Pacific Creek is 90 percent of average (180% of last year at this time). Gros Ventre River is 89 percent of average (145% of last year at this time). Hoback River is 78 percent of average (147% of last year at this time), Greys River is 77 percent of average (144% of last year at this time). Salt River is 62 percent of average (166% of last year at this time). Snake River Basin above Palisades is 77 percent of average (160% 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.

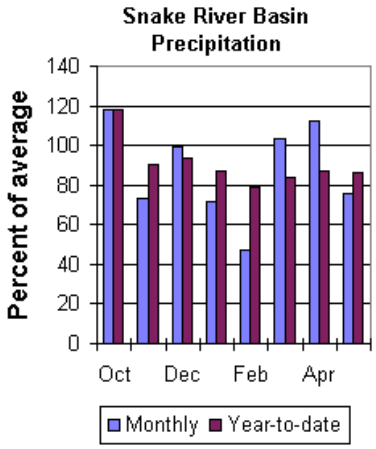


Precipitation.

Precipitation across the basin was above average last month. Monthly precipitation, for the basin, was 112 percent of average. Last months percentages range from 0 to 96 percent of average. Water-year-to-date precipitation is 87 percent of normal for the Snake River basin (131 percent of last year at this time) Year-to-date percentages range from 71 to 103 percent of average.

Reservoir.

Usable reservoir storage varies from 46 to 87 percent of average -- usable reservoir storage is total reservoir storage minus dead storage. Grassy Lake storage is currently about 68 percent of capacity (about 10,300 acre feet compared to 13,400 acre feet last year) -- storage is about 81 percent of average. Jackson Lake storage is about 26 percent of capacity (216,600 acre feet compared to 663,400 acre feet last year) -- storage is about 46 percent of average. Palisades Reservoir storage is about 54 percent of capacity (749,100 acre feet compared to 858,800 acre feet last year) -- storage is about 87 percent of average.



Streamflow.

The most probable runoff, based on the 50 percent chance yield, for May through September runoff is forecast below average for the basin. The Snake near Moran is expected to yield 675,000 acre-feet (80 percent of normal). Yield from the Snake River above Palisades Reservoir is estimated to be 2,197,000 acre-feet (87 percent of normal). Palisades Reservoir inflow is estimated to be 2,860,000 acre feet (81 percent of average). The 50 percent chance yield near Heise is expected to be 3,030,000 acre-feet (81 percent of normal). Pacific Creek at Moran is expected to yield about 146,000 acre-feet (87 percent of average). Greys River above Palisades Reservoir is estimated to yield 274,000 acre-feet (77 percent of normal). Salt River near Etna is estimated to have a yield of 260,000 acre-feet (73 percent of normal).

SNAKE RIVER BASIN
Streamflow Forecasts - June 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)	
SNAKE near Moran (1,2)	JUN-SEP	284	391	440	76	489	596	578
SNAKE above Palisades (2)	JUN-SEP	1307	1449	1546	84	1643	1785	1835
PALISADES RESERVOIR INFLOW (1,2)	JUN-SEP	1561	1862	1998	80	2134	2435	2496
SNAKE near Heise (2)	JUN-SEP	1756	1981	2133	80	2285	2510	2652
PACIFIC CREEK at Moran	JUN-SEP	59	73	83	78	93	107	106
GREYS above Palisades	JUN-SEP	117	140	155	64	170	193	244
SALT near Etna	JUN-SEP	83	110	129	54	148	175	239

SNAKE RIVER BASIN
Reservoir Storage (1000 AF) - End of May

Reservoir	Usable Capacity	*** Usable Storage *** This Year	Last Year	Avg
GRASSY LAKE	15.2	13.3	14.7	14.4
JACKSON LAKE	847.0	462.6	758.2	572.6
PALISADES	1400.0	777.1	842.5	1033.6

SNAKE RIVER BASIN
Watershed Snowpack Analysis - June 1, 2002

Watershed	Number of Data Sites	This Year as % of Last Yr	Average
SNAKE above Jackson Lake	5	1307	60
PACIFIC CREEK	2	915	98
GROS VENTRE RIVER	2	0	64
HOBACK RIVER	5	0	39
GREYS RIVER	4	0	36
SALT RIVER	3	0	0
SNAKE above Palisades	17	2852	47

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

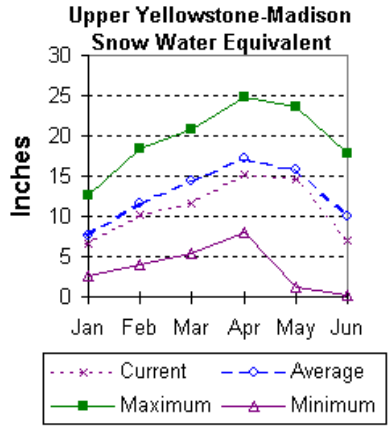
The average is computed for the 1971-2000 base period.

(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 and Madison River Basins (2)

Snow

Snowfall has been below average for this time of the year, but better than last year. Snow water equivalent (SWE) is about 66 percent of average in the Madison drainage. SWE in the Yellowstone drainage is about 77 percent of average. See the "Snow Course Basin Summary" at the beginning of this document for more details on specific sites.

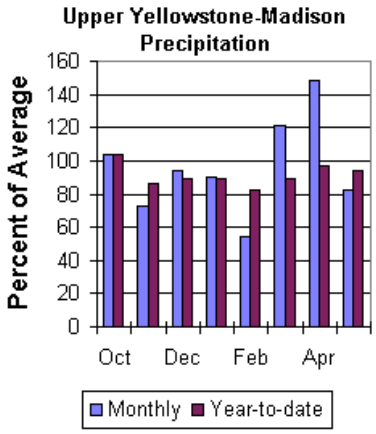


Precipitation

Last month's precipitation in the Madison and Yellowstone drainage was about 82 percent of average for the 6 reporting stations -- percentage range was from 74 to 98 percent of average. Water-year-to-date precipitation is about 94 percent of average (130 percent of last year's amount). Year to date percentage ranges from 89 to 104 percent

Reservoir

Current usable storage for Ennis Lake is about 37,700 acre-feet (92 percent of capacity) – 107 percent of average. Hebgen Lake is storing about 338,000 acre-feet of water (90 percent of capacity) – 107 percent of average. Hebgen Lake is storing about 97 percent and Ennis Lake was storing about 103 percent of last year's volume.



Streamflow

All the following forecasts are based on the 50 percent chance runoff for the June through September runoff period. Yellowstone at Lake Outlet is expected to yield about 565,000 acre feet (81 percent of normal). Yellowstone at Corwin Springs will yield about 1,170,000 acre-feet (80 percent of normal). Yellowstone near Livingston will yield about 1,360,000 acre feet (80 percent of normal). Hebgen lake inflow is estimated to be 250,000 acre feet (81 percent of normal). See the following page for detailed runoff volumes.

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

Forecast Point	Forecast Period	<<====== Drier ====== Future Conditions ======= Wetter =====>> Chance Of Exceeding * 90% (1000AF)	70% (1000AF)	50% (Most Probable) (1000AF)	(% AVG.)	30% (1000AF)	10% (1000AF)	30-Yr Avg. (1000AF)
YELLOWSTONE at Lake Outlet	JUN-SEP	447	517	565	81	613	683	695
YELLOWSTONE RIVER at Corwin Springs	JUN-SEP	879	1052	1170	80	1288	1461	1460
YELLOWSTONE RIVER near Livingston	JUN-SEP	947	1193	1360	80	1527	1773	1700
HEBGEN Reservoir Inflow	JUN-SEP	221	238	250	81	262	279	310

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

Reservoir	Usable Capacity	*** Usable Storage *** This Year	Last Year	Avg
ENNIS LAKE	41.0	37.7	36.6	35.3
HEBGEN LAKE	377.5	338.0	349.1	314.7

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

Watershed	Number of Data Sites	This Year as % of Last Yr	Average
MADISON RIVER in WY	6	0	66
YELLOWSTONE RIVER in WY	8	952	77

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

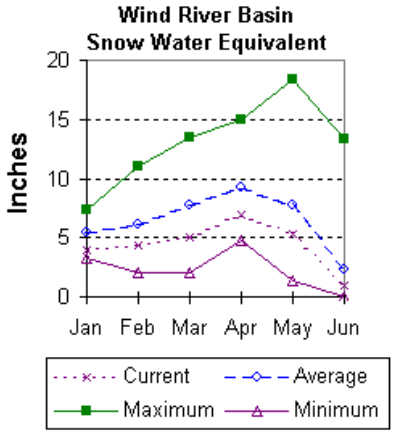
The average is computed for the 1971-2000 base period.

(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 (3)

Snow

The Wind River basin has below average snow water equivalent (SWE) for this time of the year – nearly all the SNOTEL sites have melted out. SWE in the Wind River above Dubois is 64 percent of average (last year it was melted out). All sites melted out on the Little Wind . The Popo Agie drainage SWE is about 11 percent of average. The Wind River basin, above Boysen Reservoir, SWE is about 39 percent of average. The only site with significant snow is Togwotee Pass. See the Basin Summary of Snow Course Data at the front of this report for details.

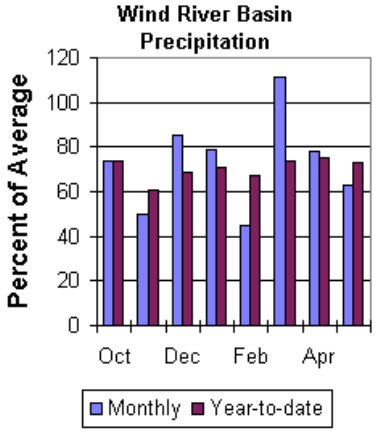


Precipitation

Last month's precipitation in the basin varied from 26 to 95 percent of average. Precipitation for the basin was about 65 percent of average for the 11 reporting stations. Water year-to-date precipitation is 73 percent of normal. The current water-year-to-date average is about 128 percent of last year at this time. Year to date figures range from 48 to 91 percent of average.

Reservoirs

Current usable storage varies from 40 to 65 percent of average. Boysen Reservoir has a total capacity of 741,594 acre feet at the top of the joint use pool, including179,097 acre feet inactive and 40,084 acre feet dead storage. Reservoir storage above the dead pool is currently 228,200 acre feet (54 percent of average). Boysen Reservoir is currently storing 55 percent of last year's volume and 38 percent of capacity.



Bull Lake has a capacity of 152,459 acre feet, including 722 acre feet dead storage. Reservoir storage above the dead storage is currently 37,700 acre feet (40 percent of average). The reservoir is currently storing 47 percent of last year's volume and 25 percent of capacity.

Pilot Butte Reservoir has a capacity of 33,721 acre feet, including 3,138 acre feet dead storage. Reservoir storage above the dead storage is currently 15,800 acre feet (65 percent of average). Reservoir is currently storing 107 percent of last year's volume and 50 percent of capacity.

Streamflow

Water supply is estimated to be much below normal this year. The following values reflect the 50 percent chance yields for the June through September runoff period. The Wind River above Bull Lake Creek is expected to yield 310,000 acre feet (75 percent of average). Wind River at Riverton will yield about 240,000 acre feet (48 percent of average). Boysen Reservoir inflow will yield about 270,000 acre feet (44 percent of normal). Bull Lake Creek near Lenore is expected to yield about 73,000 acre feet (48 percent of average). Little Popo Agie River near Lander is expected to yield about 17,800 acre feet (49 percent of average). South Fork of Little Wind near Fort Washakie will yield about 39,000 acre feet (60 percent of average). Little Wind River near Riverton will yield about 150,000 acre feet (67 percent of average).

WIND RIVER BASIN
Streamflow Forecasts - June 1, 2002

Forecast Point	Forecast Period	<<====== Drier ====== Future Conditions ======= Wetter =====>> Chance Of Exceeding * 90% (1000AF)	70% (1000AF)	50% (Most Probable) (1000AF)	(% AVG.)	30% (1000AF)	10% (1000AF)	30-Yr Avg. (1000AF)
WIND RIVER abv Bull Lake Cr (2)	JUN-SEP	274	295	310	75	325	346	415
WIND RIVER at Riverton (2)	JUN-SEP	120	191	240	48	289	360	500
BOYSEN RESERVOIR Inflow (2)	JUN-SEP	63	186	270	44	354	477	609
BULL LAKE CR near Lenore (2)	JUN-SEP	58	67	73	48	79	88	152
LT POPO AGIE RIVER nr Lander	JUN-SEP	13.1	15.9	17.8	49	19.7	23	36
SF LT WIND nr Fort Washakie	JUN-SEP	32	36	39	60	42	46	65
LT WIND RIVER nr Riverton	JUN-SEP	112	135	150	67	165	188	225

WIND RIVER BASIN
Reservoir Storage (1000 AF) - End of May

Reservoir	Usable Capacity	*** Usable Storage *** This Year	Last Year	Avg
BULL LAKE	151.8	37.7	79.5	95.3
BOYSEN	596.0	228.2	413.9	485.6
PILOT BUTTE	31.6	15.8	14.7	24.2

WIND RIVER BASIN
Watershed Snowpack Analysis - June 1, 2002

Watershed	Number of Data Sites	This Year as % of Last Yr	Average
WIND RIVER above Dubios	3	0	64
LITTLE WIND	2	0	9
POPO AGIE	4	0	11
WIND above Boysen Resv	7	0	39

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

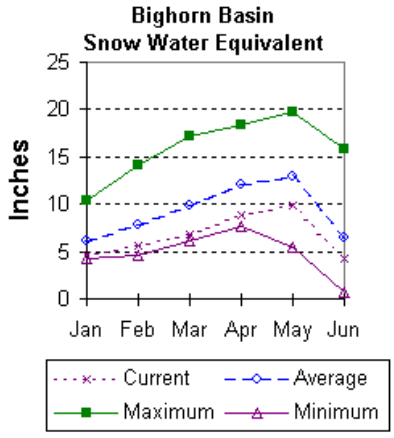
The average is computed for the 1971-2000 base period.

(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 (4)

Snow

Snowpack in this basin is well below average for this time of year. The Nowood and Greybull River are melted out. Shell Creek SWE is 87 percent of average. The basin SWE, as a whole, is currently 66 percent of average. For more information see Basin Summary of Snow Courses at beginning of report.

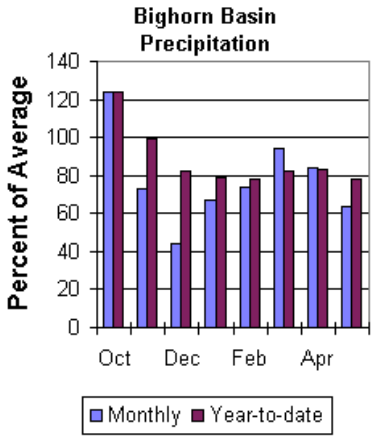


Precipitation

May precipitation was 64 percent of the monthly average (170 percent of last year). Sites ranged from 3 to 100 percent of average for the month. Year-to-date precipitation is 78 percent of normal; that is 125 percent of last year at this time. Year to date percentages, from the 14 reporting stations, range from 59 to 92.

Reservoir

Boysen Reservoir has a capacity of 741,594-acre feet at the top of the joint use pool, including 179,097-acre feet inactive and 40,084-acre feet dead storage. Reservoir storage above the dead storage is currently 228,200-acre feet (47 percent of average). Boysen Reservoir is currently storing 55 percent of last year's volume. Bighorn Lake has a total capacity of 1,356,000-acre feet, including 16,008-acre feet of dead and 477,576-acre feet of inactive storage. Big Horn Lake is currently storing 642,200-acre feet (74 percent of average) above the dead storage pool. Big Horn Lake is currently storing 76 percent of last year's volume.



Streamflow

The 50 percent chance June through September runoff is anticipated to be below normal. The Boysen Reservoir inflow is forecast to yield 270,000 acre feet (44 percent of average); the Greybull River nr Meeteese should yield 45,000 acre feet (28 percent of average); Shell Creek near Shell should yield 34,000 acre feet (65 percent of average) and the Bighorn River at Kane should yield 345,000 acre feet (44 percent of average).

BIGHORN RIVER BASIN
Streamflow Forecasts - June 1, 2002

Forecast Point	Forecast Period	<<====== Drier ====== Future Conditions ======= Wetter =====>> Chance Of Exceeding * 90% (1000AF)	70% (1000AF)	50% (Most Probable) (1000AF)	(% AVG.)	30% (1000AF)	10% (1000AF)	30-Yr Avg. (1000AF)
BOYSEN RESERVOIR Inflow (2)	JUN-SEP	63	186	270	44	354	477	609
GREYBULL RIVER nr Meeteetse	JUN-SEP	34	40	45	28	50	56	163
SHELL CREEK nr Shell	JUN-SEP	24	30	34	65	38	44	52
BIGHORN RIVER at Kane (2)	JUN-SEP	181	278	345	44	496	719	785

BIGHORN RIVER BASIN
Reservoir Storage (1000 AF) - End of May

Reservoir	Usable Capacity	*** Usable Storage *** This Year	Last Year	Avg
BOYSEN	596.0	228.2	413.9	485.6
BIGHORN LAKE	1356.0	642.2	839.7	867.1

BIGHORN RIVER BASIN
Watershed Snowpack Analysis - June 1, 2002

Watershed	Number of Data Sites	This Year as % of Last Yr	Average
NOWOOD RIVER	2	0	0
GREYBULL RIVER	2	0	0
SHELL CREEK	3	3070	87
BIGHORN (Boysen-Bighorn)	7	3070	66

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

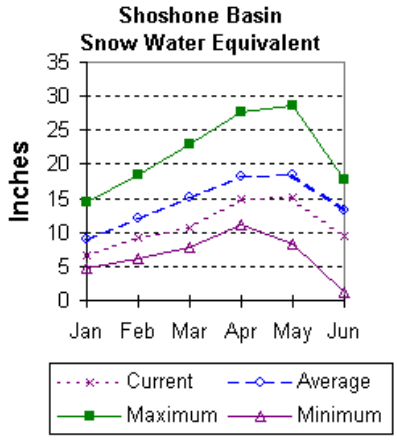
The average is computed for the 1971-2000 base period.

(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 and Clarks Fork River Basin (5)

Snow

Snow Water Equivalent (SWE) is 62 percent of average in the Shoshone River basin. The Clarks Fork River basin SWE is about 80 percent of average. For more information see the Basin Summary of Snow Course Data at the beginning of this report.

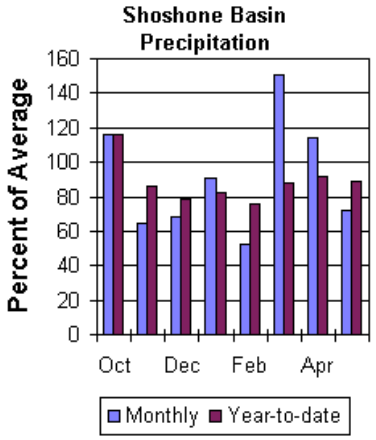


Precipitation

Precipitation for last month was 72 percent of normal (117% of last years amount). Monthly percentages range from 10 to 134 percent of average. The basin year-to-date precipitation is now 89 percent of average (129 percent of last year). Year-to-date percentages range from 58 to 104 percent of average.

Reservoir

Usable reservoir storage in Buffalo Bill Reservoir is about 69 percent of average -- usable reservoir storage is total reservoir storage minus dead storage. Buffalo Bill Reservoir storage is about 42 percent of capacity (about 274,300 acre-feet compared to 406,900 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 (June through September period) for North Fork Shoshone River at Wapiti is expected to be 300,000 acre-feet (82 percent of average). South Fork of the Shoshone River near Valley is estimated to yield of 133,000 acre-feet (63 percent of average), and South Fork above Buffalo Bill Reservoir is expected to be 102,000 acre-feet (59 percent of average). At the Buffalo Bill Reservoir, the fifty percent chance yield for the Shoshone River is expected to be about 415,000 acre-feet (70 percent of average). The fifty-percent chance yield for the Clarks Fork of the Yellowstone near Belfry, Montana is expected to be about 330,000 acre-feet (74 percent of average).

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

Forecast Point	Forecast Period	<<====== Drier ====== Future Conditions ======= Wetter =====>> Chance Of Exceeding * 90% (1000AF)	70% (1000AF)	50% (Most Probable) (1000AF)	(% AVG.)	30% (1000AF)	10% (1000AF)	30-Yr Avg. (1000AF)
NF SHOSHONE RIVER at Wapiti	JUN-SEP	252	280	300	82	320	348	365
SF SHOSHONE RIVER nr Valley	JUN-SEP	61	104	133	63	162	205	210
SF SHOSHONE RIVER abv Buffalo Bill	JUN-SEP	3.0	62	102	59	142	201	174
BUFFALO BILL DAM Inflow (2)	JUN-SEP	327	379	415	70	451	503	595
CLARKS FORK RIVER nr Belfry	JUN-SEP	275	308	330	74	352	385	445

SHOSHONE & CLARKS FORK RIVER BASINS
Reservoir Storage (1000 AF) - End of May

Reservoir	Usable Capacity	*** Usable Storage *** This Year	Last Year	Avg
BUFFALO BILL	646.6	274.3	406.9	395.7

SHOSHONE & CLARKS FORK RIVER BASINS
Watershed Snowpack Analysis - June 1, 2002

Watershed	Number of Data Sites	This Year as % of Last Yr	Average
SHOSHONE RIVER	6	3808	62
CLARKS FORK in WY	7	1385	80

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

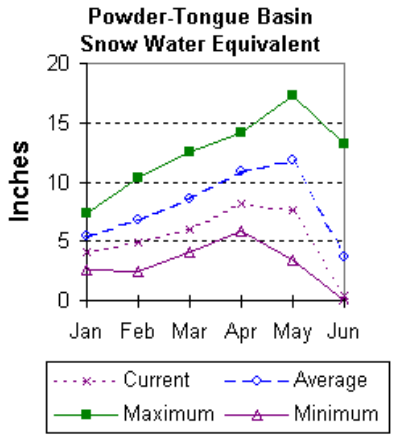
The average is computed for the 1971-2000 base period.

(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 and Tongue River Basins (6)

Snow

Snow water equivalent (SWE) in the Upper Tongue River drainage is 60 percent of normal. The Goose Creek drainage is melted out. Clear Creek drainage is 19 percent of normal SWE. Crazy Woman Creek is melted out. The Upper Powder River drainage is 55 percent of average (106 percent of last year). The Powder River basin snow water equivalent (SWE), in Wyoming, is about 12 percent of average. For more information see Basin Summary of Snow Courses at beginning of report.

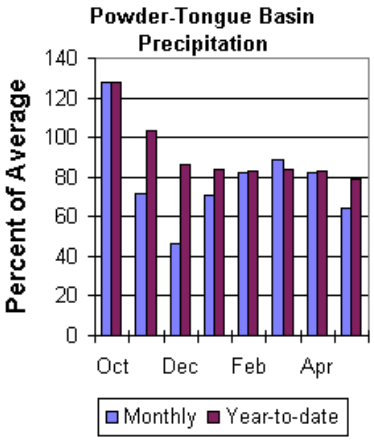


Precipitation

Monthly precipitation was 64 percent of average for the 14 reporting stations. Monthly percentages range from 31 to 100 percent of average. Precipitation for the year ranges from 51 to 87 percent of average at the reporting stations. Year-to-date precipitation is about 79 percent of average in the basin; this is 120 percent of last year at this time.

Reservoir

Usable Tongue River reservoir storage is about 84 percent of average -- usable reservoir storage is total reservoir storage minus dead storage. Tongue River Reservoir is currently storing 51 percent of capacity (40,400-acre feet compared to 45,200-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 following runoff values are for the 50 percent probability during the June through September forecast period. The estimated yield for Tongue River near Dayton is 40,000-acre feet (56 percent of normal). Middle Fork of the Powder River near Barnum is estimated to yield 2,300-acre feet (33 percent of average). The North Fork of the Powder near Hazelton should yield about 4,000 acre-feet (68 percent of normal). The estimated yield for Clear Creek near Buffalo is 19,500 acre-feet (70 percent of average). Rock Creek near Buffalo will yield about 11,500 acre-feet (72 percent of normal), and Piney Creek at Kearny should yield about 19,300 acre-feet (60 percent of average).

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

Forecast Point	Forecast Period	<<====== Drier ====== Future Conditions ======= Wetter =====>> Chance Of Exceeding * 90% (1000AF)	70% (1000AF)	50% (Most Probable) (1000AF)	(% AVG.)	30% (1000AF)	10% (1000AF)	30-Yr Avg. (1000AF)
TONGUE RIVER nr Dayton (2)	JUN-SEP	24	34	40	56	46	56	71
MIDDLE FORK POWDER nr Barnum	JUN-SEP	1.22	1.86	2.30	33	3.62	5.56	6.90
NORTH FORK POWDER nr Hazelton	JUN-SEP	2.51	3.40	4.00	68	4.60	5.49	5.90
CLEAR CREEK nr Buffalo	JUN-SEP	8.6	15.1	19.5	70	24	30	28
ROCK CREEK nr Buffalo	JUN-SEP	7.6	9.9	11.5	72	13.1	15.4	15.9
PINEY CREEK at Kearny	JUN-SEP	10.6	15.8	19.3	60	23	28	32

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

Reservoir	Usable Capacity	*** Usable Storage *** This Year	Last Year	Avg
TONGUE RIVER	79.1	40.4	45.2	48.0

POWDER & TONGUE RIVER BASINS
Watershed Snowpack Analysis - June 1, 2002

Watershed	Number of Data Sites	This Year as % of Last Yr	Average
UPPER TONGUE RIVER	7	0	60
GOOSE CREEK	2	0	0
CLEAR CREEK	2	0	19
CRAZY WOMAN CREEK	1	0	0
UPPER POWDER RIVER	3	0	0
POWDER RIVER in WY	5	0	12

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

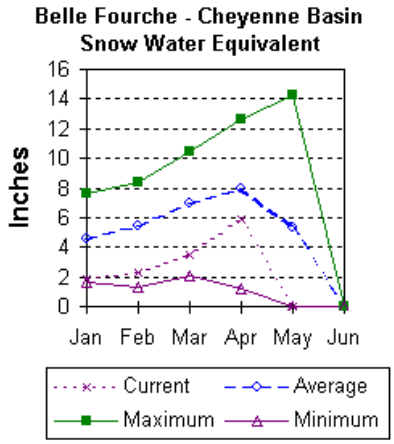
The average is computed for the 1971-2000 base period.

(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 and Cheyenne River Basins (7)

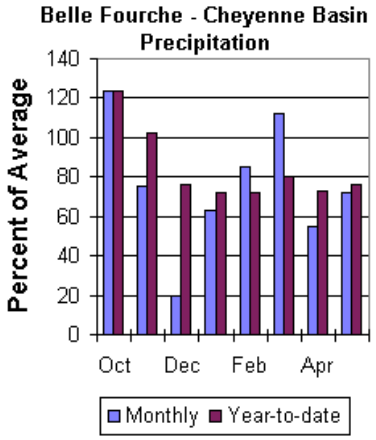
Snow.

The Belle Fourche River Basin is melted out as of June1st. See Basin summary of Snow Course Data at the beginning of this report for a detailed listing.



Precipitation.

Precipitation, for the month of May was 72 percent of average in the Black Hills. Monthly percentages range from 53 to 117 percent. Year-to-date precipitation is 76 percent of average and 94 percent of last year's amount.



Reservoir.

Usable reservoir storage varies from 71 to 132 percent of average -- usable reservoir storage is total reservoir storage minus dead storage. Angostura is currently storing 88 percent of capacity (107,900-acre feet compared to 114,800-acre feet last year) – storage is 92 percent of average. Belle Fourche reservoir storage is about 94 percent of capacity (168,300-acre feet compared to 184,500-acre feet last year) – storage is about 111 percent of average. Deerfield reservoir storage is about 100 percent of capacity (15,200-acre feet compared to 15,100-acre feet last year) – storage is about 112 percent of average. Keyhole reservoir storage is about 81 percent of capacity (156,800-acre feet compared to 169,900-acre feet last year) – storage is about 132 percent of average. Pactola reservoir storage is about 100 percent of capacity (55,000-acre feet compared to 54,300-acre feet last year) – storage is about 113 percent of average. Shadehill reservoir storage is about 60 percent of capacity (48,500 acre feet compared to 77,800 acre feet last year – storage is about 71 percent of average

Streamflow

Water supply is estimated to be below normal this year. The following values reflect the 50 percent chance yields for the June through July runoff period. Deerfield Reservoir inflow is forecast at 1,650 acre feet (92 percent of average). Pactola is forecast at 6,500 acre feet (72 percent of average).

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

Forecast Point	Forecast Period	<<====== Drier ====== Future Conditions ======= Wetter =====>> Chance Of Exceeding * 90% (1000AF)	70% (1000AF)	50% (Most Probable) (1000AF)	(% AVG.)	30% (1000AF)	10% (1000AF)	30-Yr Avg. (1000AF)
DEERFIELD RESERVOIR Inflow	JUN-JUL	0.29	1.10	1.65	92	2.20	3.01	1.80
PACTOLA RESERVOIR Inflow	JUN-JUL	0.26	3.97	6.50	72	10.01	15.17	9.00

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

Reservoir	Usable Capacity	*** Usable Storage *** This Year	Last Year	Avg
ANGOSTURA	122.1	107.9	114.8	117.2
BELLE FOURCHE	178.4	168.3	184.5	152.3
DEERFIELD	15.2	15.2	15.1	13.6
KEYHOLE	193.8	156.8	169.9	118.9
PACTOLA	55.0	55.0	54.3	48.6
SHADEHILL	81.4	48.5	77.8	68.7

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

Watershed	Number of Data Sites	This Year as % of Last Yr	Average
BELLE FOURCHE	1	0	0

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

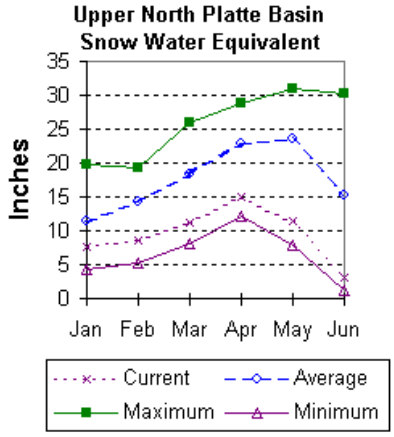
The average is computed for the 1971-2000 base period.

(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 (8)

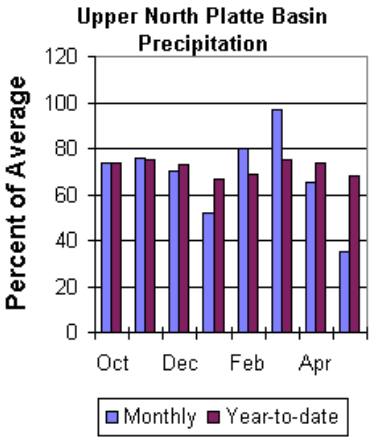
Snow

The snow courses above Seminoe Reservoir have about 20 percent of average snow water equivalent (SWE) recorded for this time of the year (70 percent of last year). SWE in the drainage area above Northgate is about 14 percent of average and 48 percent of last year at this time. SWE in the Encampment River drainage is about 14 percent of normal and 50 percent of last year. Brush Creek SWE for the year is about 29 percent of normal and 107 percent of last year's SWE. Medicine Bow and Rock Creek drainage SWE is about 36 percent of average and 104 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 35 percent of average and about 67 percent of last year's amount. Precipitation varied from 3 to 59 percent of average. Total water-year-to-date precipitation is about 68 percent of average for the basin, which is about 68 percent of last year's amount. Year to date percentage ranges from 50 to 95 percent of average.



Reservoirs

Seminoe Reservoir has a total capacity of 1,016,700 acre feet. Usable reservoir storage is about 57 percent of average -- usable reservoir storage is total reservoir storage minus dead storage. Seminoe Reservoir is currently storing 37 percent of capacity (372,300 acre feet compared to 751,100 acre feet last year)

Streamflow

All the following yields are based on the fifty percent chance June through September yield. Yield for the North Platte River near Northgate is expected to be about 34,000 acre-feet (21 percent of average). Encampment River near Encampment is estimated to yield 26,000 acre-feet (24 percent of normal). Rock Creek near Arlington is estimated to yield 8,800 acre-feet (22 percent of average). Seminoe Reservoir inflow should be about (120,000 acre-feet (24 percent of normal). See the following table for more detailed information on projected runoff.

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

Forecast Point	Forecast Period	<<====== Drier ====== Future Conditions ======= Wetter =====>> Chance Of Exceeding * 90% (1000AF)	70% (1000AF)	50% (Most Probable) (1000AF)	(% AVG.)	30% (1000AF)	10% (1000AF)	30-Yr Avg. (1000AF)
North Platte River nr Northgate	JUN-SEP	27	31	34	21	47	67	159
Encampment River nr Encampment	JUN-SEP	18.0	23	26	24	39	57	108
Rock Creek nr Arlington	JUN-SEP	7.0	8.0	8.8	22	9.6	10.8	41
Seminoe Reservoir inflow	JUN-JUL	78	92	102	23	145	208	435
	JUN-SEP	102	113	120	24	151	197	500

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

Reservoir	Usable Capacity	*** Usable Storage *** This Year	Last Year	Avg
SEMINOE	1016.7	372.3	751.1	658.3

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

Watershed	Number of Data Sites	This Year as % of Last Yr	Average
N PLATTE above Northgate	5	48	14
ENCAMPMENT RIVER	3	50	14
BRUSH CREEK	2	107	29
MEDICINE BOW & ROCK CREEK	2	104	36
N PLATTE above Seminoe	13	70	20

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

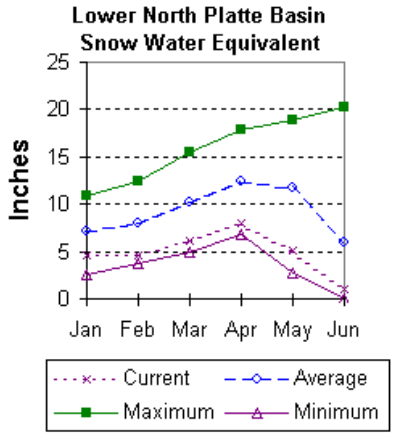
The average is computed for the 1971-2000 base period.

(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 River Basin (9)

Snow

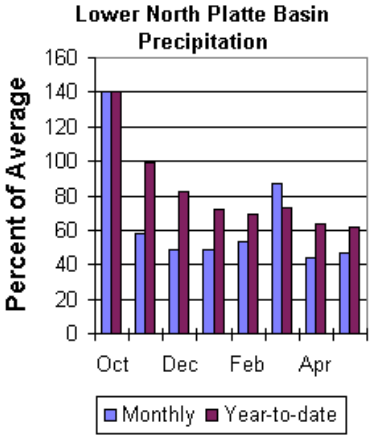
SWE for the North Platte River basin in Wyoming averages 18 percent of normal (66 % of last year). The Sweetwater drainage SWE is currently 13 percent of average. Deer and LaPrele Creek is melted out. SWE for the North Platte above the Laramie River drainage is 19 percent of average (73 % of last year). The Laramie River above the mouth is melted out. The Laramie River above Laramie is melted out. So is the Little Laramie River. For more information see Basin Summary of Snow Courses at beginning of report.



Precipitation

Of the 11 reporting stations, percentages for the month range from 14 to 95. May precipitation for the basin was 47 percent of average (74 percent of last year). The water year-to-date precipitation for the basin is currently 62 percent of average (84 percent of last year). Year to date percentages range from 35 to 77.

Reservoir



Usable reservoir storage varies from 37 to 100 percent of average -- usable reservoir storage is total reservoir storage minus dead storage. Alcova Reservoir is currently storing 97 percent of capacity (179,200 compared to 180,000-acre feet last year) – storage is 100 percent of average. Glendo Reservoir is currently storing 70 percent of capacity (354,200 compared to 444,800-acre feet last year) – storage is 70 percent of average. Guernsey Reservoir is currently storing 62 percent of capacity (28,300 compared to 35,600-acre feet last year) – storage is 78 percent of average. Pathfinder Reservoir is currently storing 51 percent of capacity (519,200 compared to 797,900-acre feet last year) – storage is 67 percent of average. Seminoe Reservoir is currently storing 37 percent of capacity (372,300 compared to 751,100-acre feet last year) – storage is 57 percent of average. Wheatland No. 2 Reservoir is currently storing 22 percent of capacity (22,000 compared to 61,000-acre feet last year) – storage is 37 percent of average. Water allocated to project use is near average with North Platte Project users at 16 percent of average, Kendrick Project users at 66 percent of average, and Glendo Project users at 72 percent of average.

Streamflow

Yields from 0 to 26 percent are expected in the basin during the forecast period. The following yields are based on the fifty percent chance probability runoff for the June through September forecast period. The Sweetwater near Alcova is forecast to yield about 3,000 acre-feet (8 percent of average). Deer Creek at Glenrock is expected to yield about 7 percent of average (500 acre-feet). LaPrele Creek above the reservoir is estimated to yield 12 percent of average (600 acre-feet). The Alcova to Orin gain is expected to yield about 0 percent of average (100 acre-feet). North Platte River below Guernsey Reservoir is expected to yield about 25 percent of normal (125,000 acre-feet), and below Glendo Reservoir is anticipated to yield about 26 percent of average (123,000 acre-feet). Laramie River near Woods should yield about 14 percent of average (12,600 acre-feet). The Little Laramie near Filmore should produce about 11,800 acre-feet (25 percent of average).

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

Forecast Point	Forecast Period	<<====== Drier ====== Future Conditions ======= Wetter =====>> Chance Of Exceeding * 90% (1000AF)	70% (1000AF)	50% (Most Probable) (1000AF)	(% AVG.)	30% (1000AF)	10% (1000AF)	30-Yr Avg. (1000AF)
Sweetwater River nr Alcova	JUN-JUL	1.2	1.5	1.7	5	5.8	11.7	33
	JUN-SEP	2.3	2.7	3.0	8	6.3	11.1	39
Deer Creek at Glenrock	JUN-SEP	0.01	0.15	0.50	7	1.07	2.28	6.90
La Prele Creek ab La Prele Reservoir	JUN-SEP	0.04	0.26	0.60	12	1.15	2.46	5.20
Alcova to Orin Gain	JUN-JUL			0.1	0	8.8	22	25
	JUN-SEP			0.1	0	9.5	23	33
North Platte River blw Glendo Reserv	JUN-JUL	77	93	104	24	149	216	440
	JUN-SEP	92	111	123	26	171	241	470
North Platte River blw Guernsey Resv	JUN-JUL	74	93	106	24	160	240	450
	JUN-SEP	88	110	125	25	184	272	500
Laramie River nr Woods	JUN-SEP	8.5	10.9	12.6	14	24	42	89
Little Laramie River nr Filmore	JUN-SEP	9.6	10.9	11.8	25	15.3	21	47

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

Reservoir	Usable Capacity	*** Usable Storage *** This Year	Last Year	Avg
ALCOVA	184.3	179.2	180.0	178.8
GLENDO	506.4	354.2	444.8	503.4
GUERNSEY	45.6	28.3	35.6	36.2
PATHFINDER	1016.5	519.2	797.9	775.1
SEMINOE	1016.7	372.3	751.1	658.3
WHEATLAND #2	98.9	22.0	61.0	59.0
NORTH PLATTE PROJ	1062.1	171.8	897.2	909.8
KENDRICK PROJECT	1201.7	798.9	943.3	844.4
GLENDO PROJECT USERS	183.2	131.6	172.2	149.7

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

Watershed	Number of Data Sites	This Year as % of Last Yr	Average
SWEETWATER	2	0	13
DEER & LaPRELE CREEKS	2	0	0
N PLATTE abv Laramie R.	17	73	19
LARAMIE RIVER abv Laramie	3	0	0
LITTLE LARAMIE RIVER	1	0	0
LARAMIE RIVER above mouth	4	0	0
NORTH PLATTE	17	66	18

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

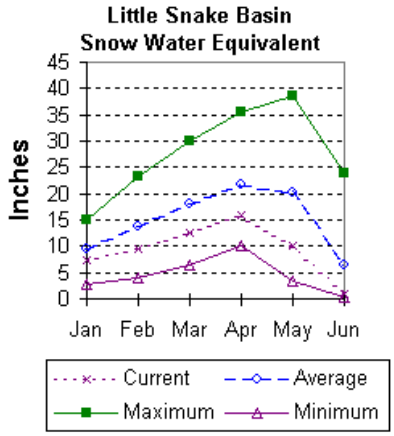
The average is computed for the 1971-2000 base period.

(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 (10)

Snow

Snowfall has been below average across the basin this year. Currently, snow water equivalent (SWE) in the Little Snake River drainage is 14 percent of average (50 percent of last year at this time). For more information see Basin Summary of Snow Courses at beginning of this report.

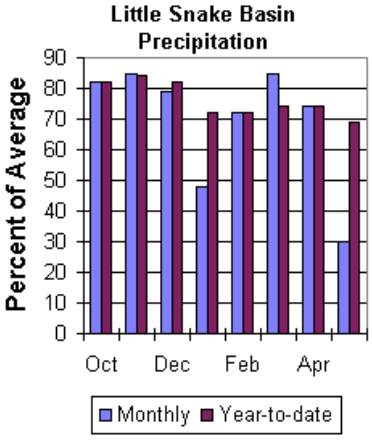


Precipitation

Precipitation across the basin was below average this past month. May precipitation was 30 percent of average (88 percent of last year) for the 5 reporting stations. Monthly precipitation ranged from 18 to 59 percent of average. The Little Snake River basin water-year-to-date precipitation is currently 69 percent of average (87 percent of last year). Year-to-date percentages range from 64 to 82 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 55,000 acre-feet (35 percent of normal). Little Snake River near Dixon is estimated to yield 105,000 acre-feet (32 percent of normal).



LITTLE SNAKE RIVER BASIN
Streamflow Forecasts - June 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	30	44	55	35	67	87	159
LITTLE SNAKE R nr Dixon	APR-JUL	70	91	105	32	147	209	330

LITTLE SNAKE RIVER BASIN
Reservoir Storage (1000 AF) - End of May

Reservoir	Usable Capacity	*** Usable Storage *** This Year	Last Year	Avg

LITTLE SNAKE RIVER BASIN
Watershed Snowpack Analysis - June 1, 2002

Watershed	Number of Data Sites	This Year as % of Last Yr	Average
LITTLE SNAKE RIVER	6	50	14

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

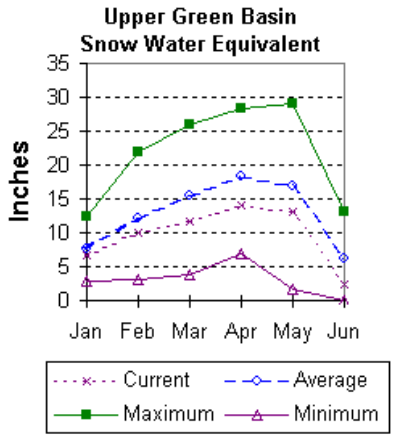
The average is computed for the 1971-2000 base period.

(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 (11)

Snow

The Upper Green River Basin snow water equivalent (SWE), above Fontenelle Reservoir, is 39 percent of average. SNOTEL sites in the Green River basin SWE above Warren Bridge have melted out. SWE on the west side of the Upper Green River basin is about 47 percent of normal. SNOTEL sites on Newfork River and Big Sandy-Eden Valley have melted out. For more information see the Basin Summary of Snow Courses at the beginning of this report.

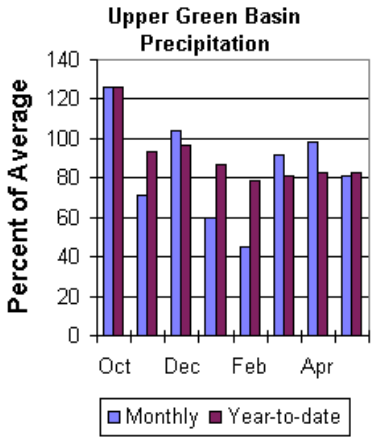


Precipitation

The 11 reporting precipitation sites in the basin were 81 percent of average (168 percent of last year's amount) . Precipitation varied from 53 to 99 percent of average. Water year-to-date precipitation is about 83 percent of average (123 percent of last year). Year to date percentage of average ranges from 74 to 89 percent for the reporting stations.

Reservoir

Usable reservoir storage varies from 7 to 74 percent of average -- usable reservoir storage is total reservoir storage minus dead storage. Current usable storage in Big Sandy Reservoir is about 13,500 acre feet (46 percent of average) -- 69 percent of last year and 35 percent of capacity. Current usable storage in Eden Reservoir is about 500 acre feet (7 percent of average) and 4 percent of capacity). Fontenelle Reservoir is storing 134,500 acre-feet (74 percent of average and 39 percent of the total capacity). Flaming Gorge Reservoir is currently storing 2,768,358. 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 Aril 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 175,000 acre-feet (66 percent of normal). Pine Creek above Fremont Lake is expected to yield 68,000 acre-feet (65 percent of normal). New Fork River near Big Piney is expected to yield about 190,000 acre-feet (48 percent of normal). Fontenelle Reservoir Inflow is estimated to be 350,000 acre-feet (41 percent of average), and Big Sandy near Farson is expected to be about 34,000 acre-feet (59 percent of normal).

UPPER GREEN RIVER BASIN
Streamflow Forecasts - June 1, 2002

Forecast Point	Forecast Period	<<====== Drier ====== Future Conditions ======= Wetter =====>> Chance Of Exceeding * 90% (1000AF)	70% (1000AF)	50% (Most Probable) (1000AF)	(% AVG.)	30% (1000AF)	10% (1000AF)	30-Yr Avg. (1000AF)
Green River at Warren Bridge	APR-JUL	140	161	175	66	189	210	265
Pine Creek abv Fremont Lake	APR-JUL	55	63	68	65	73	81	104
	JUN-JUL	38	48	54	66	61	70	82
New Fork River nr Big Piney	APR-JUL	171	182	190	48	216	255	395
Fontenelle Reservoir Inflow	APR-JUL	273	318	350	41	384	437	860
Big Sandy River nr Farson	APR-JUL	26	31	34	59	37	42	58

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

Reservoir	Usable Capacity	*** Usable Storage *** This Year	Last Year	Avg
BIG SANDY	38.3	13.5	19.6	29.4
EDEN	11.8	0.5	2.8	7.1
FLAMING GORGE		NO REPORT		
FONTENELLE	344.8	134.5	158.5	181.9

UPPER GREEN RIVER BASIN
Watershed Snowpack Analysis - June 1, 2002

Watershed	Number of Data Sites	This Year as % of Last Yr	Average
GREEN above Warren Bridge	4	0	0
UPPER GREEN (West Side)	5	0	47
NEWFORK RIVER	2	0	0
BIG SANDY/EDEN VALLEY	1	0	0
GREEN above Fontenelle	11	0	39

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

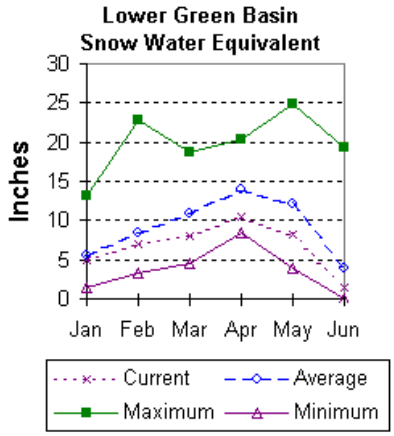
The average is computed for the 1971-2000 base period.

(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 (12)

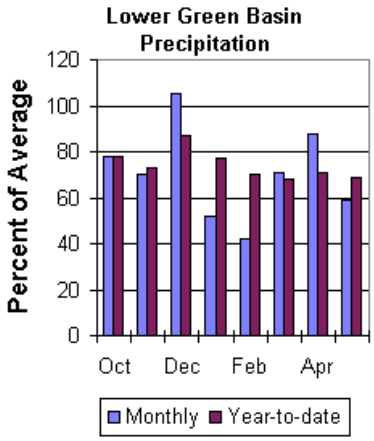
Snow

SWE in the Hams Fork is currently 34 percent of average. Blacks Fork SWE is currently 27 percent of average. The Henry's Fork is melted out as of June 1. The basin, as a whole, is 36 percent of average. For more information see Basin Summary of Snow Courses at beginning of this report.



Precipitation

Precipitation was below average for the month (59 percent) for the 4 reporting stations. Precipitation ranged from 15 to 87 percent of average for the month. The basin year-to-date precipitation is currently 69 percent of average (116 percent of last year). Year to date percentages range from 38 to 76.



Reservoir

Usable reservoir storage varies from 74 to 98 percent of average -- usable reservoir storage is total reservoir storage minus dead storage. Fontenelle is currently storing 39 percent of capacity (134,500-acre feet compared to 158,500-acre feet last year) – storage is 74 percent of average. Flaming Gorge did not report this month. Viva Naughton is currently storing 91 percent of capacity (38,400-acre feet compared to 42,900-acre feet last year) – storage is 98 percent of average.

Streamflow

Expected yields vary from 33 to 47 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 355,000-acre feet (41 percent of average). Blacks Fork near Robertson is forecast to yield 45,000-acre feet (47 percent of average). East Fork of Smiths Fork near Robertson is estimated to yield 14,500 acre-feet (47 percent of average). The estimated yield for Hams Fork near Frontier is 28,000-acre feet (43 percent of average). Viva Naughton Reservoir inflow will be about 34,000-acre feet (38 percent of average). Flaming Gorge Reservoir inflow will be about 390,000-acre feet (33 percent of average).

LOWER GREEN RIVER BASIN
Streamflow Forecasts - June 1, 2002

Forecast Point	Forecast Period	<<====== Drier ====== Future Conditions ======= Wetter =====>> Chance Of Exceeding * 90% (1000AF)	70% (1000AF)	50% (Most Probable) (1000AF)	(% AVG.)	30% (1000AF)	10% (1000AF)	30-Yr Avg. (1000AF)
Green River nr Green River, WY	APR-JUL	319	340	355	41	411	493	875
Blacks Fork nr Robertson	APR-JUL	40	43	45	47	50	57	95
EF of Smiths Fork nr Robertson	APR-JUL	13.0	13.9	14.5	47	16.1	18.3	31
Hams Fk blw Pole Ck nr Frontier	APR-JUL	19.3	24	28	43	32	38	65
Hams Fk Inflow to Viva Naughton Res	APR-JUL	28	32	34	38	42	53	89
Flaming Gorge Reservoir Inflow	APR-JUL	348	373	390	33	467	580	1190

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

Reservoir	Usable Capacity	*** Usable Storage *** This Year	Last Year	Avg
FONTENELLE	344.8	134.5	158.5	181.9
FLAMING GORGE		NO REPORT		
VIVA NAUGHTON RES	42.4	38.4	42.9	39.0

LOWER GREEN RIVER BASIN
Watershed Snowpack Analysis - June 1, 2002

Watershed	Number of Data Sites	This Year as % of Last Yr	Average
HAMS FORK RIVER	3	0	34
BLACKS FORK	2	680	27
HENRYS FORK	2	0	0
GREEN above Flaming Gorge	18	5560	36

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

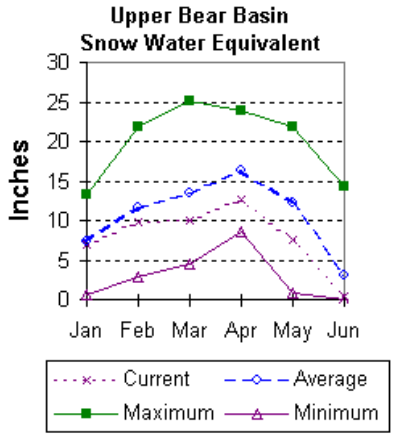
The average is computed for the 1971-2000 base period.

(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 (13)

Snow

Snow water equivalent (SWE), at snow courses in the Bear River above the Idaho State line, is 16 percent of average. The Bear River in Utah is melted out at this time. SWE in the Wyoming portion of the Bear River drainage (Smiths and Thomas Forks) is estimated at 34 percent of average. See the Basin Summary of Snow Course Data at the beginning of this report for more detailed information.

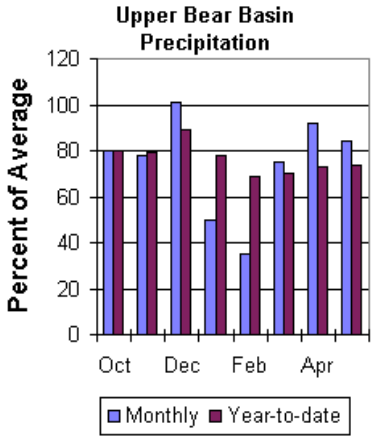


Precipitation

Precipitation for last month was 84 percent of average for the 2 reporting stations, 287 percent of last year's amount. The year-to-date precipitation, for the basin, is 74 percent of average; this is 124 percent of last year's amount.

Reservoir

Woodruff Narrows did not report this month.



Streamflow

The following is based on the 50 percent chance stream flow yields are for the April through July period. Smiths Fork near Border is estimated to yield 45,000 acre-feet (41 percent of normal. Bear River near the Utah-Wyoming State Line is expected to yield about 27,000 acre feet (33 percent of average), The Bear River near Woodruff is expected to yield about 25,000 acre-feet (about 33 percent of normal).

UPPER BEAR RIVER **BASIN**

Streamflow Forecasts - June 1, 2002

Forecast Point	Forecast Period	<<====== Drier ====== Future Conditions ======= Wetter =====>> Chance Of Exceeding * 90% (1000AF)	70% (1000AF)	50% (Most Probable) (1000AF)	(% AVG.)	30% (1000AF)	10% (1000AF)	30-Yr Avg. (1000AF)
SMITHS FK nr Border, WY	MAY-SEP	36	41	45	41	50	57	109
Bear R nr UT-WY State Line	APR-SEP	44	48	50	40	52	56	125
	JUN-SEP	21	24	27	33	30	36	82
BEAR R nr Woodruff, UT	APR-SEP	43	53	62	40	72	90	154
	JUN-SEP	14.1	19.8	25	33	32	44	77

UPPER BEAR RIVER BASIN

Reservoir Storage (1000 AF) - End of May

Reservoir	Usable Capacity	*** Usable Storage *** This Year	Last Year	Avg
WOODRUFF NARROWS		NO REPORT		

UPPER BEAR RIVER BASIN

Watershed Snowpack Analysis - June 1, 2002

Watershed	Number of Data Sites	This Year as % of Last Yr	Average
UPPER BEAR RIVER in Utah	5	0	0
SMITHS & THOMAS FORKS	3	0	34
BEAR RIVER abv ID line	6	0	16
NORTHWEST	47	2255	61
NORTHEST	11	2250	48
SOUTHEAST	20	55	12
SOUTHWEST	25	205	20

*** 90%, 70%, 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.