

Wyoming Basin Outlook Report April 1, 2016

Natural Resources Conservation Service



Cold Springs SNOTEL #405 (Shoshone Forest above Lander, WY) ID O9F25S

Basin Outlook Reports

And

Federal - State - Private Cooperative Snow Surveys

For more water supply and resource management information, contact:

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How forecasts are made

Most of the annual streamflow in the western United States originates as snowfall that has accumulated in the mountains during the winter and early spring. As the snowpack accumulates, hydrologists estimate the runoff that will occur when it melts. Measurements of snow water equivalent at selected manual snow courses and automated SNOTEL sites, along with precipitation, antecedent streamflow, and indices of the El Niño / Southern Oscillation are used in computerized statistical and simulation models to prepare runoff forecasts. 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 above, and a 50% chance that the actual flow will be below, this 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 operational decisions by selecting forecasts corresponding to the level of risk they are willing to assume about the amount of water to be expected. 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

The snow water equivalent (SWE) across Wyoming is at median for Apr. 1st at 100%. Monthly precipitation for the basins was 109-200% of average for an overall average of 150%. The year-to-date precipitation average for Wyoming basins is now at 90% varying from 98-231% of average. Forecasted runoff varies from 60-110% of average across the Wyoming basins for an overall average of 94%. Basin reservoir levels for Wyoming vary from 67-185% of average for an overall average of 121%.

Snowpack

Snow water equivalent (SWE), across Wyoming is at median for April 1^{st} at 100%. SWE in the Cheyenne River Basin of Wyoming is the lowest at 65% of median. While SWE in the South Platte River Basin is the highest at 137% of median. See Appendix A for further information.

Precipitation

Last month's precipitation was way above average across the Wyoming Mountains at 150% of average. The Sweetwater River Basin had the highest precipitation for the month at 200% of average. The Little Cheyenne River Basin had the lowest precipitation amount at 109% of average. The following table displays the major river basins and their departure from average for last month.

	Departure		Departure
Basin	from average		from average
Snake River	+27%	Upper North Platte River	+59%
Madison-Gallatin	+11%	Sweetwater River	+100%
Yellowstone River	+16%	Lower North Platte River	+78%
Wind River	+95%	Laramie River	+80%
Bighorn River	+46%	South Platte River	+82%
Shoshone River	+28%	Little Snake River	+41%
Powder River	+30%	Upper Green River	+37%
Tongue River	+29%	Lower Green River	+54%
Belle Fourche River	+47%	Upper Bear River	+30%
Cheyenne River	+09%		

See Appendix B for further information.

Streams

Stream flow yields for April thru September are below average over Wyoming at 94%. The Snake River, Madison, and Upper Yellowstone River Basins should yield about 96%, 89% and 96% of average, respectively. Yields from the Wind and Bighorn River Basins should be about 110% and 104% of average, respectively. Yields from the Shoshone and Clarks Fork River Basins of Wyoming should be about 103% and 96% of average, respectively. Yields from the Powder & Tongue River Basins should be about 77% and 65% of average, respectively. Yield for the Cheyenne River Basin should be about 60% of average. Yields for the Upper North Platte, Sweetwater, Lower North Platte, and Laramie Rivers of Wyoming should be about 98%, 73%, 98%, and 109% of average, respectively. Yields for the Little Snake, Green River, and Smith's Fork of Wyoming should be 75%, 85%, and 91% of average respectively. See Appendix C for further information.

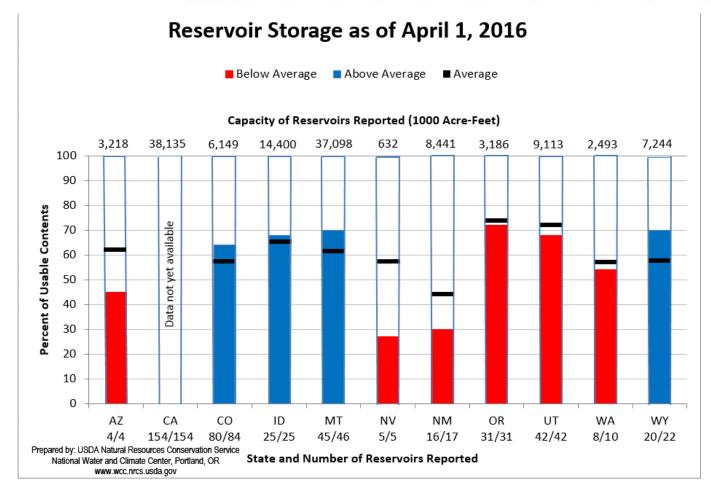
Reservoirs

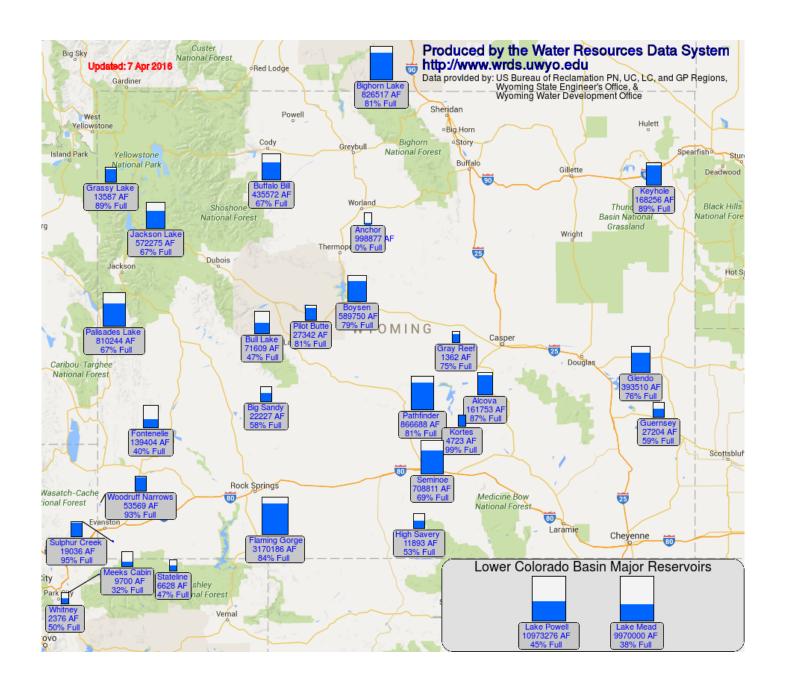
Reservoir storage is above average at 120% for the entire state. Reservoirs in the Snake River Basin are above average at 116%. Reservoirs in the Madison-Gallatin Basin are above average at 107%. Reservoirs in the Wind River Basin are above average at 109%. Reservoirs on the Big Horn are above average at 106%. The Buffalo Bill Reservoir on the Shoshone is above average at 124%. The Tongue River Basin Reservoir is above average at -180%. Reservoirs in the Belle Fourche and Cheyenne River Basins are above average in storage at 127 & 116% respectively. Reservoirs on the Upper and Lower North Platte River are above average at 147% and 122% respectively. Reservoirs on the Laramie and Little Snake River basins are at 138% and 89% respectively. Reservoirs on the Upper Green River

are above average at 113%. Reservoirs on the Lower Green River Basin are above average at 105% Reservoir on the Upper Bear River Basin is above average at 134%. See below & Appendix D for further information.

Wyoming Reservoir Levels for April 4th, 2016

WYOMING		Current	Last Year	Average	Capacity	Current %	Last Year %	Average %	Current %	Last Year %
WYOMING		(KAF)	(KAF)	(KAF)	(KAF)	Capacity	Capacity	Capacity	Average	Average
Alcova		157.1	157.1	155.8	184.3	85%	85%	85%	101%	101%
Bighorn Lake		836.5	887.7	797.1	1356.0	62%	65%	59%	105%	111%
Big Sandy		19.6	21.7	17.7	38.3	51%	57%	46%	11196	123%
Boysen		541.2	627.1	495.8	596.0	91%	105%	83%	109%	126%
Buffalo Bill		428.1	462.3	350.7	646.6	66%	7196	54%	122%	132%
Bull Lake		70.4	105.2	75.4	151.8	46%	69%	50%	93%	140%
Fontenelle		149.0	209.3	127.6	344.8	43%	61%	37%	11796	164%
Glendo		319.1	252.5	342.9	506.4	63%	50%	68%	93%	74%
Grassy Lake		13.3	12.9	12.1	15.2	87%	85%	80%	110%	107%
Guernsey		21.3	24.7	15.2	45.6	47%	54%	33%	140%	162%
High Savery Reservoir		11.0	14.1	12.0	22.4	49%	63%	53%	92%	118%
Jackson Lake		564.7	646.2	434.7	847.0	67%	76%	51%	130%	149%
Kendrick Project			723.4		1201.7		60%			
Keyhole		168.1	173.0	90.6	193.8	87%	89%	47%	185%	191%
Meeks Cabin Reservoir		8.0	23.9	11.9	32.5	25%	73%	37%	67%	201%
North Platte Project			796.1		1062.1		75%			
Pathfinder		865.7	697.3	582.4	1016.5	85%	69%	57%	149%	120%
Pilot Butte		24.8	23.1	23.3	31.6	78%	73%	74%	108%	99%
Seminoe		696.8	713.0	493.1	1016.7	69%	70%	49%	141%	145%
Viva Naughton Res		29.7	29.9	28.8	42.4	70%	7196	68%	103%	104%
Wheatland #2		58.4	76.5	43.9	98.9	59%	77%	44%	133%	174%
Woodruff Narrows Reservoir		42.3	45.1	31.6	57.3	74%	79%	55%	134%	143%
	Basin-wide Total	5025.0	5202.6	4142.6	7244.1	69%	72%	57%	121%	126%
	# of reservoirs	20	20	20	20	20	20	20	20	20

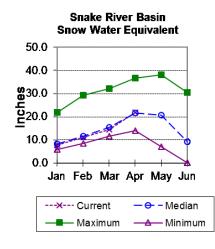




Snake River Basin

Snow

The Snake River Basin SWE above Palisades is 101% of median. SWE in the Snake River Basin above Jackson Lake is 101% of median. Pacific Creek Basin SWE is 107% of median. Buffalo Fork SWE is 110% of median. Gros Ventre River Basin SWE is 100% of median. SWE in the Hoback River drainage is 94% of median. SWE in the Greys River drainage is 109% of median. In the Salt River Basin SWE is 102% of median. See Appendix A at the end of this report for a detailed listing of snow course information.



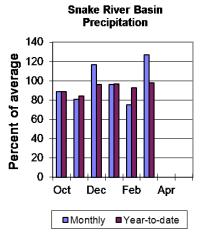
Precipitation

Last month's precipitation for the Snake River Basin was 127% of average (40% last year). Percentages range from 88-180% of average for the 28 reporting stations. Water-year-to-date precipitation is 98% of average for the Snake River Basin (84% last year). Year-to-date percentages range from 87-124% of average.

Reservoirs

Current reservoir storage is 116% of average for the three storage reservoirs in the basin. Grassy Lake storage is about 110% of average (13,500 ac-ft compared to 13,100 last year). Jackson Lake storage is 133% of

average (570,900 ac-ft compared to 646,200 ac-ft last year). Palisades Reservoir storage is about 108% of average (797,100 ac-ft compared to 1,250,200 ac-ft last year). Detailed reservoir data shown on the following page and in Appendix D.



Streamflow

The 50% exceedance forecasts for April through September are slightly below average for this basin. The Snake near Moran yield is 795,000 ac-ft (94% of average). Snake River above Reservoir near Alpine will yield about 2,280,000 ac-ft (91% of average). The Snake near Irwin will yield about 3,360,000 ac-ft (96% of average). The Snake near Heise yield will be about 3,640,000 ac-ft (96% of average). Pacific Creek near Moran Yield will be around 159,000 ac-ft (92% of average). Buffalo Fork above Lava near Moran yield will be around 305,000 ac-ft (95% of average). Greys River above Palisades Reservoir yield will be around 355,000 ac-ft (99% of average). Salt River near Etna yield will be around 375,000 ac-ft (101% of average). See the following page for further information.

Snake River Basin

Streamflow Forecasts - April 1, 2016

		I			abilities for Risume will excee		nt	
SNAKE RIVER BASIN	Forecast Period	90% (KAF)	70% (KAF)	50% (KAF)	% Avg	30% (KAF)	10% (KAF)	30yr Avg (KAF) 765 845 2170 2500 3010 3500 3240 3780
Snake R nr Moran ^{,2}								
	APR-JUL	590	665	720	94%	770	850	
	APR-SEP	645	735	795	94%	860	950	845
Snake R ab Reservoir nr Alpine ^{,2}								
	APR-JUL	1670	1860	1980	91%	2110	2290	2170
	APR-SEP	1910	2130	2280	91%	2430	2650	2500
Snake R nr Irwin ,2								
	APR-JUL	2330	2660	2880	96%	3110	3440	3010
	APR-SEP	2730	3100	3360	96%	3610	3980	3500
Snake R nr Heise ²								
	APR-JUL	2510	2860	3100	96%	3340	3690	3240
	APR-SEP	2980	3370	3640	96%	3910	4300	3780
Pacific Ck at Moran								
	APR-JUL	107	133	150	91%	168	194	164
	APR-SEP	114	141	159	92%	177	205	173
Buffalo Fk ab Lava Ck nr Moran								
	APR-JUL	215	245	270	96%	290	325	280
	APR-SEP	235	275	305	95%	330	370	320
Greys R ab Reservoir nr Alpine								
	APR-JUL	255	285	305	100%	330	360	305
	APR-SEP	295	330	355	99%	385	420	360
Salt R ab Reservoir nr Etna								
	APR-JUL	210	265	305	102%	345	400	300
	APR-SEP	265	330	375	101%	420	485	370

^{1) 90%} and 10% exceedance probabilities are actually 95% and 5%

³⁾ Median value used in place of average

Reservoir Storage End of March, 2016	Current (KAF)	Last Year (KAF)	Average (KAF)	Capacity (KAF)
Grassy Lake	13.5	13.1	12.3	15.2
Jackson Lake	570.9	646.2	430.7	847.0
Palisades Reservoir	979.1	1250.2	902.8	1400.0
Basin-wide Total	1563.5	1909.6	1345.8	2262.2
# of reservoirs	3	3	3	3

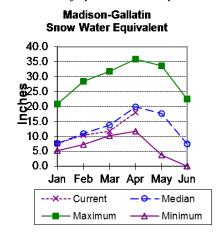
Watershed Snowpack Analysis April 1, 2016	# of Sites	% Median	Last Year % Median
SNAKE above Jackson Lake	9	101%	71%
PACIFIC CREEK	3	107%	86%
BUFFALO FORK	3	110%	90%
GROS VENTRE RIVER	4	100%	91%
HOBACK RIVER	5	94%	92%
GREYS RIVER	5	109%	93%
SALT RIVER	5	102%	74%
SNAKE RIVER BASIN	31	101%	80%

²⁾ Forecasts are for unimpaired flows. Actual flow will be dependent on management of upstream reservoirs and diversions

Madison-Gallatin Rivers Basin

Snow

SWE is 91% of median in the Madison-Gallatin drainage. See Appendix A at the end of this report for a detailed listing of snow course information.



Precipitation

Last month precipitation in the Madison-Gallatin drainage was 111% of average (22% last year). The six reporting stations percentages range from 80-124% of average. Water-year-to-date precipitation is about 88% of average, which was 65% last year. Year to date percentage ranges from 82-96%.

Reservoirs

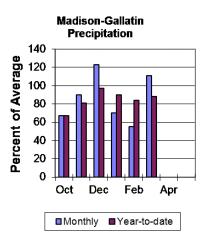
Ennis Lake is storing about 30,700 ac-ft of water (75% of capacity, 104% of average or 97% last year). Hebgen Lake is storing about 291,500 ac-ft of water (77%

of capacity, 108% of average, 138% last year). **Detailed** reservoir data shown below \mathcal{L} in Appendix \mathcal{D} .

Streamflow

The 50% exceedance forecast for April through September is below average for the basin. Hebgen Reservoir inflow is 420,000 ac-ft (89% of average). See below for detailed runoff volumes.





Madison-Gallatin River Basins Streamflow Forecasts - April 1, 2016

MADISON-GALLATIN RIVER BASINS	Forecast Period	90% (KAF)	70% (KAF)	50% (KAF)	% Avg	30% (KAF)	10% (KAF)	30yr Avg (KAF)
Hebgen Reservoir Inflow	APR-JUL	280	310	330	89%	350	380	370
	APR-SEP	360	395	420	89%	445	480	470

- 1) 90% and 10% exceedance probabilities are actually 95% and 5%
- 2) Forecasts are for unimpaired flows. Actual flow will be dependent on management of upstream reservoirs and diversions
- 3) Median value used in place of average

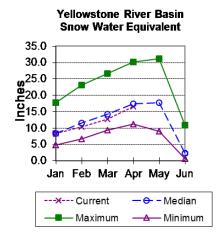
Reservoir Storage	Current	Last Year	Average	Capacity
End of March, 2016	(KAF)	(KAF)	(KAF)	(KAF)
Ennis Lake	30.7	28.5	29.5	41.0
Hebgen Lake	291.5	314.1	270.4	378.8
Basin-wide Total	322.1	342.6	299.9	419.8
#of reservoirs	2	2	2	2

Watershed Snowpack Analysis April 1, 2016	# of Sites	% Median	Last Year % Median
MADISON-GALLATIN RIVER BASINS	8	91%	57%

Yellowstone River Basin

Snow

SWE in the Yellowstone River Basin is 96% of median. SWE in the Yellowstone River Drainage in WY is 97% of median. SWE in the Clarks Fork Drainage of the Yellowstone River



Basin in Wyoming is 96% of median. See Appendix A at the end of this report for a detailed listing of snow course information.

Precipitation

Last month's precipitation in the Yellowstone River Basin was 116% of average (39% last year). The 16 reporting stations percentages range from 80-270% of average. Water

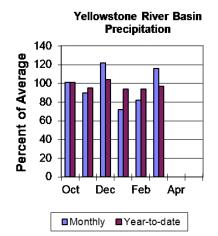
year-to-date precipitation is 97% of average, which was 91% last year. Year to date percentages range from 84-160%.

Reservoirs

No reservoir data

Streamflow

The 50% exceedance forecasts for April through September are slightly below average for the basin. Yellowstone at Lake Outlet will yield around 725,000 ac-ft (94% of average). Yellowstone at Corwin Springs will yield around 1,800,000 ac-ft (96% of average). Yellowstone near Livingston will yield around 2,060,000 ac-ft (96% of



average). Clarks Fork of the Yellowstone near Belfry will yield around 530,000 ac-ft (96% of average). *See the following for further information*.

Data Current as of: 4/6/2016 8:10:31 AM

Yellowstone River Basin Streamflow Forecasts - April 1, 2016

YELLOWSTONE RIVER BASIN	Forecast Period	90% (KAF)	70% (KAF)	50% (KAF)	% Avg	30% (KAF)	10% (KAF)	30yr Avg (KAF)
Yellowstone R at Yellowstone Lake Outlet								
	APR-JUL	450	505	545	95%	585	640	575
	APR-SEP	600	675	725	94%	775	850	770
Yellowstone R at Corwin Springs								
	APR-JUL	1250	1420	1530	96%	1640	1810	1590
	APR-SEP	1450	1660	1800	96%	1940	2150	1880
Yellowstone R at Livingston								
Ç	APR-JUL	1380	1590	1740	97%	1890	2100	1800
	APR-SEP	1630	1890	2060	96%	2230	2490	2140
Clarks Fk Yellowstone R nr Belfry ²								
•	APR-JUL	405	455	490	96%	525	575	510
	APR-SEP	435	490	530	96%	570	625	550

^{1) 90%} and 10% exceedance probabilities are actually 95% and 5%

³⁾ Median value used in place of average

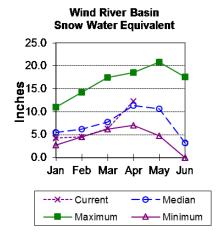
Watershed Snowpack Analysis April 1, 2016	# of Sites	% Median	Last Year % Median
YELLOWSTONE RIVER in WY	8	97%	78%
CLARKS FORK in WY	8	96%	92%

²⁾ Forecasts are for unimpaired flows. Actual flow will be dependent on management of upstream reservoirs and diversions

Wind River Basin

Snow

Wind River Basin above Boysen Reservoir SWE is 108% of median. SWE in the Wind River above Dubois is 93% of median. Little Wind SWE is 116% of median, and Popo Agie drainage SWE is 118% of median. See Appendix A at the end of this report for a detailed listing of snow course information.



Precipitation

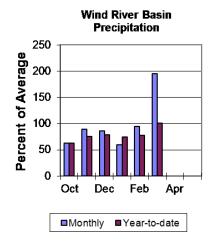
Last month's basin's precipitation varied from 104-317% of average. Precipitation for the basin was 195% of average (40% last year) from the 11 reporting stations. Water year-to-date precipitation is 101% of average and was 79% last year at this time. Year-to-date percentages range from 77-135% of average.

Reservoirs

Current storage in Bull Lake is 70,600 ac-ft (94% of average) (139% last year). Boysen Reservoir is storing (546,000 ac-ft) about 112% of average 127% last year). Pilot Butte is at 100% of average (24,700 ac-ft) (92% last year). Detailed reservoir data shown on the following page and in Appendix D.

Streamflow

The 50% exceedance forecasts for the April through September runoff period are below average. Dinwoody Creek near Burris should yield around 94,000 ac-ft (102% of average). The Wind River above Bull Lake Creek will yield around 500,000 ac-ft (102% of average). Bull Lake Creek near Lenore will yield around 183,000 ac-ft (108% of average). Wind River at Riverton will yield around 560,000 ac-ft 102% of average). Little Popo Agie River near Lander should yield around 55,000 ac-ft (112% of average). South Fork of Little Wind near Fort Washakie will yield around ac-ft (% of average). Little Wind River near Riverton will yield around 340,000 ac-ft (115% of average). Boysen Reservoir inflow will yield around 730,000 ac-ft (110% of average). See the following page for detailed runofl volumes.



Wind River Basin

Streamflow Forecasts - April 1, 2016

Forecast Exceedance Probabilities for Risk Assessment
Chance that actual volume will exceed forecast

WIND RIVER BASIN	Forecast Period	90% (KAF)	70% (KAF)	50% (KAF)	% Avg	30% (KAF)	10% (KAF)	30yr Avg (KAF)
Dinwoody Ck nr Burris								
•	APR-JUL	57	63	67	102%	71	77	66
	APR-SEP	81	89	94	102%	99	107	92
Wind R Ab Bull Lake Ck								
	APR-JUL	375	430	470	103%	510	565	455
	APR-SEP	385	455	500	102%	545	615	490
Bull Lake Ck nr Lenore								
	APR-JUL	115	136	151	109%	166	187	139
	APR-SEP	137	164	183	108%	200	230	169
Wind R at Riverton								
	APR-JUL	355	435	485	102%	535	615	475
	APR-SEP	400	495	560	102%	625	720	550
Little Popo Agie R nr Lander								
-	APR-JUL	35	43	49	117%	55	63	42
	APR-SEP	39	49	55	112%	61	71	49
Little Wind R nr Riverton								
	APR-JUL	180	255	310	115%	365	440	270
	APR-SEP	195	280	340	115%	400	485	295
Boysen Reservoir Inflow								
	APR-JUL	340	540	675	111%	810	1010	610
	APR-SEP	360	580	730	110%	880	1100	665

^{1) 90%} and 10% exceedance probabilities are actually 95% and 5%

³⁾ Median value used in place of average

Reservoir Storage	Current	Last Year	Average	Capacity
End of March, 2016	(KAF)	(KAF)	(KAF)	(KAF)
Bull Lake	70.6	105.1	75.4	151.8
Boysen	546.0	619.7	489.0	596.0
Pilot Butte	24.7	22.9	24.8	31.6
Basin-wide Tota	d 641.3	747.7	589.2	779.4
# of reservoir	s 3	3	3	3

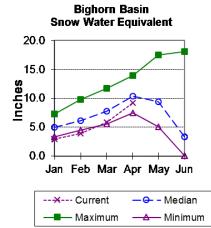
Watershed Snowpack Analysis April 1, 2016	# of Sites	% Median	Last Year % Median
WIND above Dubois	6	93%	97%
LITTLE WIND	2	116%	42%
POPO AGIE	7	118%	61%
WIND RIVER BASIN	17	108%	74%

²⁾ Forecasts are for unimpaired flows. Actual flow will be dependent on management of upstream reservoirs and diversions

Bighorn River Basin

Snow

The Bighorn River Basin SWE above Bighorn Reservoir is 89% of median. The Nowood River is at 91% of median. The Greybull River SWE is at 120% of median. Shell Creek SWE is at 79% of median. See Appendix A at the end of this report for a detailed listing of snow course information.



Precipitation

Last month's precipitation was 146% of average (41% last year). Sites ranged from 84-290% of average for the month. Year-to-date precipitation is 88% of average (91% last year). Year-to-date percentages, from the 19 reporting stations, range from 62-133%.

Reservoirs

Boysen Reservoir is currently storing 546,000 ac-ft (112% of average). Bighorn Lake is now at 813,400 ac-ft (103% of average). Boysen was at 127% of average last year

at this time and Big Horn Lake was at 108% last year. Detailed reservoir data shown below and in Appendix \mathcal{D} .

Streamflow

The 50% exceedance forecasts for the April through September runoffs are about average. Boysen Reservoir inflow should yield 730,000 ac-ft (110% of average); the Greybull River near Meeteetse should yield around 190,000

Precipitation 160 of Average 140 120 100 80 Percent 60 40 20 Dec Oct Feb Apr ■Monthly ■Year-to-date

Bighorn Basin

ac-ft (107% of average); Shell Creek near Shell should yield around 51,000 ac-ft (77% of average) and the Bighorn River at Kane should yield around 940,000 ac-ft (104% of average). See the following for detailed runoff volumes.

Data Current as of: 4/6/2016 8:10:34 AM

Bighorn River Basin Streamflow Forecasts - April 1, 2016

BIGHORN RIVER BASIN		Forecast Exceedance Probabilities for Risk Assessment Chance that actual volume will exceed forecast						
	Forecast Period	90% (KAF)	70% (KAF)	50% (KAF)	% Avg	30% (KAF)	10% (KAF)	30yr Avg (KAF)
Boysen Reservoir Inflow								
	APR-JUL	340	540	675	111%	810	1010	610
	APR-SEP	360	580	730	110%	880	1100	665
Greybull R nr Meeteetse								
•	APR-JUL	96	122	140	107%	158	184	131
	APR-SEP	136	168	190	107%	210	245	177
Shell Ck nr Shell								
	APR-JUL	25	34	40	73%	46	54	55
	APR-SEP	35	45	51	77%	58	68	66
Bighorn R at Kane								
	APR-JUL	350	660	870	104%	1080	1390	840
	APR-SEP	370	710	940	104%	1170	1510	905

^{1) 90%} and 10% exceedance probabilities are actually 95% and 5%

³⁾ Median value used in place of average

Reservoir Storage	Current	Last Year	Average	Capacity
End of March, 2016	(KAF)	(KAF)	(KAF)	(KAF)
Boysen	546.0	619.7	489.0	596.0
Bighorn Lake	813.4	848.6	787.5	1356.0
Basin-wide Total	1359.4	1468.3	1276.5	1952.0
# of reservoirs	2	2	2	2

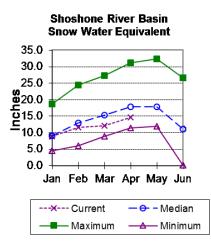
Watershed Snowpack Analysis April 1, 2016	# of Sites	% Median	Last Year % Median
NOWOOD RIVER	7	91%	100%
GREYBULL RIVER	2	120%	89%
SHELL CREEK	4	79%	86%
BIGHORN RIVER BASIN	14	89%	91%

²⁾ Forecasts are for unimpaired flows. Actual flow will be dependent on management of upstream reservoirs and diversions

Shoshone River Basin

Snow

Snowpack in this basin is below median for this time of year. Snow Water Equivalent (SWE) is 95% of median in the Shoshone River Basin. See Appendix A at the end of this report for a detailed listing of snow course information.



Precipitation

Precipitation for last month was 128% of average (39% last year). Monthly percentages range from 29-164% of average. The basin year-to-date precipitation is now 107% of average (93% last year). Year-to-date percentages range from 73-129% of average for the 8 reporting stations.

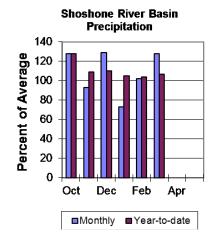
Reservoirs

Current storage in Buffalo Bill Reservoir is about 124% of average (137% last year) - the reservoir is at about 67% of capacity. Currently, about 432,700 ac-ft are stored in the



Streamflow

The 50% exceedance forecasts for the April through September period are above average for the basin. The North Fork Shoshone River at Wapiti will yield around 505,000 ac-ft (98% of average). The South Fork of the



Shoshone River near Valley will yield around 260,000 ac-ft (106% of average), and the South Fork above Buffalo Bill Reservoir runoff will yield around 215,000 ac-ft (108% of average). The Buffalo Bill Reservoir inflow will yield around 770,000 ac-ft (103% of average). See the following for detailed runoff volumes.

Data Current as of: 4/6/2016 8:10:35 AM

Shoshone River Basin

Strea	mflow Forecasts - April 1, 2016
	Forecast Exceedance Probabilities for Risk Assessment

Chance that actual volume will exceed forecast

90% 70% 50% 30% 10% 30yr Avg Forecast SHOSHONE RIVER BASIN % Avg (KAF) Period (KAF) (KAF) (KAF) (KAF) (KAF) NF Shoshone R at Wapiti APR-JUL 375 420 450 98% 480 525 460 APR-SEP 415 470 505 98% 540 590 515 SF Shoshone R nr Valley APR-JUL 105% 188 210 225 240 260 215 APR-SEP 215 106% 280 305 245 240 260 SF Shoshone R ab Buffalo Bill Reservoir APR-JUL 180 205 106% 270 193 APR-SEP 147 215 108% 245 200 Buffalo Bill Reservoir Inflow 565 645 700 104% 755 835 675 APR-JUL 103% 745 APR-SEP 610 705 835 770

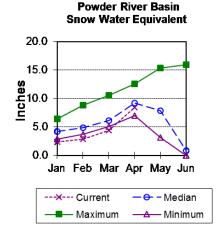
- 1) 90% and 10% exceedance probabilities are actually 95% and 5%
- 2) Forecasts are for unimpaired flows. Actual flow will be dependent on management of upstream reservoirs and diversions
- 3) Median value used in place of average

Reservoir Storage End of March, 2016	Current (KAF)	Last Year (KAF)	Average (KAF)	Capacity (KAF)
Buffalo Bill	432.7	478.2	348.9	646.6
Basin-wide Total	432.7	478.2	348.9	646.6
#of reservoirs	1	1	1	1
Watershed Snowpack Analysis April 1, 2016	# of Sites	% Median	Last Year % Median	
SHOSHONE RIVER BASIN	4	95%	75%	

Powder River Basin

Snow

Powder River SWE is 92% of median. Upper Powder River drainage is 94% of median. SWE in the Clear Creek drainage is 90% of median. Crazy Woman Creek drainage SWE is at 81% of



median. See Appendix A at the end of this report for a detailed listing of snow course information.

Precipitation

Last month's precipitation was 130% of average (33% last year) for the nine reporting stations. Monthly percentages range from 72-160% of average. Year-to-date precipitation is 77% of average in the basin (87% last year). Precipitation for the year ranges from 61-96% of average.

Reservoirs

No reservoir data for the basin.

Streamflow

The 50% exceedance forecasts for the April

through September period are below average for the basin. The Middle Fork of the Powder River near Barnum should yield around 11,200 ac-ft (66% of average). The North Fork of the Powder River near Hazelton should yield around 8,000 ac-ft (81% of average). Rock Creek near Buffalo will yield about 18,500 ac-ft (84% of average), and Piney Creek at Kearny should yield about 39,000 ac-ft (83% of average). The Powder River at Moorhead will yield around 151,000 ac-ft (77% of average). The Powder River near Locate will yield around 170,000 ac-ft (77% of average). See the following for detailed runoff volumes.



Streamflow Forecasts - April 1, 2016

Forecast Exceedance Probabilities for Risk Assessment
Chance that actual volume will exceed forecast

POWDER RIVER BASIN	Forecast Period	90% (KAF)	70% (KAF)	50% (KAF)	% Avg	30% (KAF)	10% (KAF)	30yr Avg (KAF)
MF Powder R nr Barnum								
	APR-JUL	4.8	8.2	10.5	65%	12.8	16.2	16.1
	APR-SEP	5.4	8.9	11.2	66%	13.6	17.1	17
NF Powder R nr Hazelton								
	APR-JUL	5	6.4	7.4	81%	8.4	9.8	9.1
	APR-SEP	5.4	6.9	8	81%	9.1	10.6	9.9
Rock Ck nr Buffalo								
	APR-JUL	8.1	12.4	15.3	82%	18.2	23	18.6
	APR-SEP	10.9	15.4	18.5	84%	22	26	22
Piney Ck at Kearny								
	APR-JUL	16.1	28	36	82%	44	56	44
	APR-SEP	18.4	31	39	83%	47	60	47
Powder R at Moorehead								
	APR-JUL	22	90	137	77%	184	250	177
	APR-SEP	32	103	151	77%	199	270	196
Powder R nr Locate								
	APR-JUL	17.6	100	156	78%	210	295	199

110

170

Powder River Basin

- 1) 90% and 10% exceedance probabilities are actually 95% and 5%
- 2) Forecasts are for unimpaired flows. Actual flow will be dependent on management of upstream reservoirs and diversions
- 3) Median value used in place of average

Watershed Snowpack Analysis April 1, 2016	# of Sites	% Median	Last Year % Median
UPPER POWDER RIVER	5	94%	95%
CLEAR CREEK	3	90%	84%
CRAZY WOMAN CREEK	3	81%	107%
POWDER RIVER BASIN	8	92%	91%

		P		River I	
	140				
g	120				
Percent of Average	100			╗	
₹	80			$-\parallel\parallel$	-
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ĕ	40	╂┰┱╂	$\mathbb{H}\mathbb{H}$	НН	\vdash
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		Oct	Dec	Feb	Apr
		■M	onthly	■Year-	to-date

77%

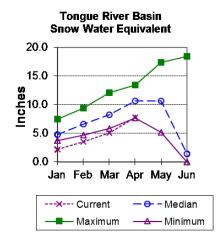
320

220

Tongue River Basin

Snow

Upper Tongue River drainage SWE is at 73% of median. The Goose Creek drainage SWE is at 77% of median. See Appendix A at the end of this report for a detailed listing of snow course information.

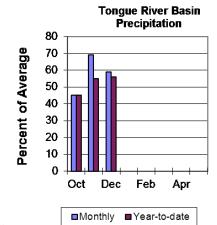


Precipitation

Last month's precipitation was 129% of average (37% last year) for 10 reporting stations. Monthly percentages range from 84-161% of average. Year-to-date precipitation is 79% of average in the basin (87% last year). Precipitation for the year ranges from 63-122% of average.

Reservoirs

The Tongue River Reservoir currently is storing 58,300 ac-ft, while last year's storage was 56,100 ac-ft. The Tongue River Reservoir is at 180% of average for this time of year



or 74% of capacity. Detailed reservoir data shown below and in Appendix \mathcal{D} .

Streamflow

The 50% exceedance forecasts for the April through September period are below average for the basin. The yield for Tongue River near Dayton will be around 63,000 acft (64% of average). Big Goose Creek near Sheridan will

yield around 39,000 ac-ft (72% of average). Little Goose Creek near Bighorn will yield around 27,000 ac-ft (69% of average). The Tongue River Reservoir Inflow will be around 140,000 ac-ft (65% of average). See below for detailed runoff volumes.

Data Current as of: 4/6/2016 8:10:38 AM

Chance that actual volume will exceed forecast

Tongue River Basin

Streamflow Forecasts - April 1, 2016

Forecast Exceedance Probabilities for Risk Assessment

TONGUE RIVER BASIN	Forecast Period	90% (KAF)	70% (KAF)	50% (KAF)	% Avg	30% (KAF)	10% (KAF)	30yr Avg (KAF)
Tongue R nr Dayton								
-	APR-JUL	26	42	53	62%	64	80	86
	APR-SEP	33	51	63	64%	75	93	98
Big Goose Ck nr Sheridan								
· ·	APR-JUL	16.1	26	32	70%	38	48	46
	APR-SEP	23	32	39	72%	46	55	54
Little Goose Ck nr Bighom								
	APR-JUL	10.4	16.3	20	65%	24	30	31
	APR-SEP	16.2	23	27	69%	31	38	39
Tongue River Reservoir Inflow					-310			•••
•	APR-JUL	25	84	124	64%	164	225	193
	APR-SEP	35	98	140	65%	182	245	215

- 1) 90% and 10% exceedance probabilities are actually 95% and 5%
- 2) Forecasts are for unimpaired flows. Actual flow will be dependent on management of upstream reservoirs and diversions
- 3) Median value used in place of average

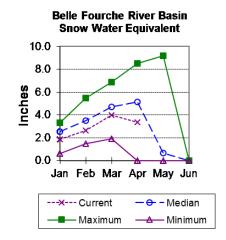
Reservoir Storage End of March, 2016	Current (KAF)	Last Year (KAF)	Average (KAF)	Capacity (KAF)
Tongue River Res	58.3	56.1	32.3	79.1
Basin-wide Total	58.3	56.1	32.3	79.1
# of reservoirs	1	1	1	1
Watershad Sneumaak Analysis			Lost Voor	

Watershed Snowpack Analysis April 1, 2016	# of Sites	% Median	Last Year % Median
GOOSE CREEK	3	77%	81%
TONGUE RIVER BASIN	9	73%	79%

Belle Fourche River Basin

Snow

Belle Fourche River Basin SWE is at 65% of median. See Appendix A at the end of this report for a detailed listing of snow course information.



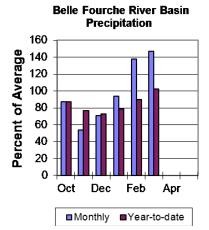
Precipitation

Precipitation for last month was 147% of average (47% last year) in the Black Hills for the four reporting stations. Year-to-date precipitation is 102% of average (83% last year).

Reservoirs

Belle Fourche Reservoir is storing 111% of average (148,700 ac-ft), about 83% of capacity. Keyhole Reservoir is storing 174% of average (168,200 acft), about 87% of capacity. Shadehill Reservoir is

storing 87% of average (51,500 ac-ft), about 63% of capacity. **Detailed reservoir data shown below and in Appendix D.**



Streamflow

There are no streamflow forecast points for the basin.

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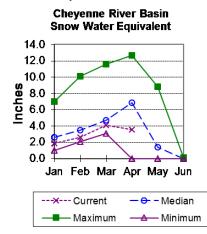
Belle Fourche River Basin - April 1, 2016

Reservoir Storage End of March, 2016	Current (KAF)	Last Year (KAF)	Average (KAF)	Capacity (KAF)
Belle Fourche	148.7	155.8	133.5	178.4
Keyhole	168.2	173.6	96.8	193.8
Shadehill	51.5	61.3	59.0	81.4
Basin-wide Total	368.4	390.6	289.3	453.6
# of reservoirs	3	3	3	3
Watershed Snowpack Analysis April 1, 2016	# of Sites	% Median	Last Year % Median	
BELLE FOURCHE RIVER BASIN	6	65%	12%	
· · · · · · · · · · · · · · · · · · ·	•	•		

Cheyenne River Basin

Snow

Cheyenne River Basin SWE is at 52% of median. See Appendix A at the end of this report for a detailed listing of snow course information.



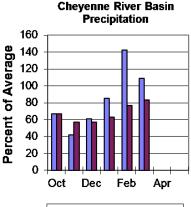
Precipitation

Precipitation for last month was 109% of average (24% last year) in the Black Hills. There were three reporting stations. Year-to-date precipitation is 83% of average (75% last year).

Reservoirs

Angostura is currently storing 118% of average (111,200 ac-ft), about 91% of capacity. Deerfield reservoir is storing 100% of average (14,200 ac-ft), about 93% of capacity. Pactola Reservoir is

storing 116% of average (54,000 ac-ft), about 98% of Detailed reservoir data shown below and in Appendix D.



■Monthly ■Year-to-date

Streamflow

The following runoff values are the 50% exceedance forecasts for the April through July period. The Deerfield Reservoir Inflow yield is around 3,600 ac-ft (69% of average). Pactola Reservoir Inflow yield is around 13,200 ac-ft See the following for detailed runoff volumes. (60% of average).

Data Current as of: 4/6/2016 8:10:41 AM

Cheyenne River Basin

Streamflow Forecasts - April 1, 2016

CHEYENNE RIVER BASIN	Forecast Period	90% (KAF)	70% (KAF)	50% (KAF)	% Avg	30% (KAF)	10% (KAF)	30yr Avg (KAF)
Deerfield Reservoir Inflow	APR-JUL	0.59	2.4	3.6	69%	4.8	6.6	5.2
Pactola Reservoir Inflow	APR-JUL	1	6.4	13.2	60%	20	30	22

- 1) 90% and 10% exceedance probabilities are actually 95% and 5%
- 2) Forecasts are for unimpaired flows. Actual flow will be dependent on management of upstream reservoirs and diversions
- 3) Median value used in place of average

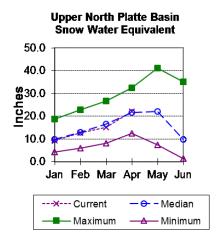
Reservoir Storage	Current	Last Year	Average	Capacity
End of March, 2016	(KAF)	(KAF)	(KAF)	(KAF)
Angostura	111.2	108.6	94.3	122.1
Deerfield	14.2	15.4	14.1	15.2
PactoLa	54.0	52.1	46.4	55.0
Basin-wide Total	179.4	176.2	154.8	192.3
#of reservoirs	3	3	3	3

Watershed Snowpack Analysis April 1, 2016	# of Sites	% Median	Last Year % Median
CHEYENNE RIVER BASIN	7	52%	11%

Upper North Platte River Basin

Snow

The Upper North Platte River Basin above Seminoe Reservoir SWE is 102% of median. North Platte above Northgate SWE is 104% of median. Encampment River SWE is 102% of median.



Brush Creek SWE is 99% of median. Medicine Bow and Rock Creek SWE are 95% of median. See Appendix A at the end of this report for a detailed listing of snow course information.

Precipitation

Nineteen reporting stations show last month's precipitation at 159% of average (72% last year). Precipitation varied from 128-414% of average last month. Total water-year-to-date precipitation is 103% of average for the basin (82% last year). Year-to-date percentages range from 81-174% of average.

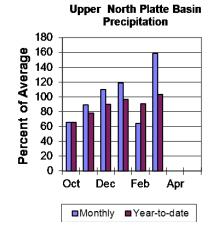
Reservoirs

Seminoe Reservoir is storing 707,000 ac- ft or 70% of

capacity. Seminoe Reservoir is at 147% of average and was at 154% of average last year. Detailed reservoir data shown on the following page and in Appendix \mathcal{D} .

Streamflow

The 50% exceedance forecasts for the April through September period are below average for the Upper North Platte River Basin. The yield for the North Platte River near Northgate will be around 275,000 ac-ft (110% of average). The Encampment River near Encampment yield will be around 130,000 ac-ft (94% of average). Rock Creek near Arlington yield will be around 52,000



ac-ft (100% of average). Sweetwater River near Pathfinder will yield about 47,000 ac-ft (73% of average). Seminoe Reservoir inflow should be around 755,000 ac-ft (98% of average). See the following page for more detailed information on projected runoff.

Upper North Platte River Basin Streamflow Forecasts - April 1, 2016

UPPER NORTH PLATTE RIVER BASIN	Forecast Period	90% (KAF)	70% (KAF)	50% (KAF)	% Avg	30% (KAF)	10% (KAF)	30yr Avg (KAF)
North Platte R nr Northgate								
_	APR-JUL	159	215	250	111%	290	345	225
	APR-SEP	169	230	275	110%	320	380	250
Encampment R nr Encampment ²								
	APR-JUL	86	107	121	94%	135	156	129
	APR-SEP	92	115	130	94%	145	168	138
Rock Ck nr Arlington								
_	APR-JUL	36	44	49	100%	54	62	49
	APR-SEP	38	46	52	100%	58	66	52
Sweetwater R nr Alcova								
	APR-JUL	14.9	32	43	73%	54	71	59
	APR-SEP	16.5	35	47	73%	59	78	64
Seminoe Reservoir Inflow								
	APR-JUL	335	550	695	97%	845	1060	715
	APR-SEP	355	595	755	98%	915	1150	770

^{1) 90%} and 10% exceedance probabilities are actually 95% and 5%

³⁾ Median value used in place of average

	Reservoir Storage	Current	Last Year	Average	Capacity
	End of March, 2016	(KAF)	(KAF)	(KAF)	(KAF)
Seminoe		707.0	743.2	481.2	1016.7
	Basin-wide Total	707.0	743.2	481.2	1016.7
	# of reservoirs	1	1	1	1

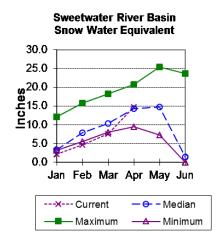
Watershed Snowpack Analysis April 1, 2016	# of Sites	% Median	Last Year % Median
N PLATTE above Northgate	11	104%	74%
ENCAMPMENT RIVER	4	102%	73%
BRUSH CREEK	5	99%	64%
MEDICINE BOW & ROCK CREEKS	3	95%	74%
UPPER NORTH PLATTE RIVER BASIN	24	102%	69%

²⁾ Forecasts are for unimpaired flows. Actual flow will be dependent on management of upstream reservoirs and diversions

Sweetwater River Basin

Snow

Sweetwater River Basin SWE is 103% of median. See Appendix A at the end of this report for a detailed listing of snow course information.



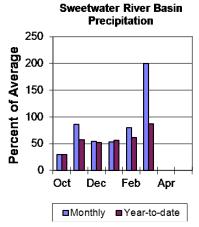
Precipitation

Last month's precipitation was 200% of average (53% last year) for the four reporting stations ranging from 114-230%. The water year-to-date precipitation for the basin is currently 87% of average

(68% last year). Year-todate percentages range from 77-100% of average.

Reservoirs

Reservoir storage is as follows: Pathfinder 865,100 ac-ft (143% of average or 85% of capacity.



Streamflow

The 50% exceedance forecast for the April through September period will be low. The Sweetwater River near Pathfinder will yield about 47,000 ac-ft (73% of See below for detailed information on projected runoff. average).

Data Current as of: 4/6/2016 8:10:44 AM

Sweetwater River Basin Streamflow Forecasts - April 1, 2016

Forecast Exceedance Probabilities for Risk Assessment Chance that actual volume will exceed forecast

SWEETWATER RIVER BASIN	Forecast Period	90% (KAF)	70% (KAF)	50% (KAF)	% Avg	30% (KAF)	10% (KAF)	30yr Avg (KAF)
Sweetwater R nr Alcova								
	APR-JUL	14.9	32	43	73%	54	71	59
	APR-SEP	16.5	35	47	73%	59	78	64

- 1) 90% and 10% exceedance probabilities are actually 95% and 5%
- 2) Forecasts are for unimpaired flows. Actual flow will be dependent on management of upstream reservoirs and diversions

% Median

103%

3) Median value used in place of average

April 1, 2016

SWEETWATER RIVER BASIN

Reservoir Storage End of March, 2016	Current (KAF)	Last Year (KAF)	Average (KAF)	Capacity (KAF)
Pathfinder	865.1	687.0	604.6	1016.5
Basin-wide Total	865.1	687.0	604.6	1016.5
# of reservoirs	1	1	1	1
Watershed Snowpack Analysis	# of Sitos	0/ Madian	Last Year	

of Sites

4

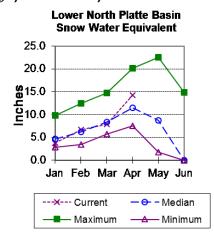
% Median

52%

Lower North Platte River Basin

Snow

Lower North Platte River Basin SWE is 123% of median. See Appendix A at the end of this report for a detailed listing of snow course information.



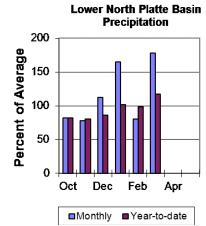
Precipitation

Last month's precipitation was 178% of average (53% last year). For the eight reporting stations percentages for the month range from 114-292%. The water year-to-date precipitation for the basin is currently 117% of average (72% last year). Year-to-date percentages range from 97-173% of average.

Reservoirs

Reservoir storage is as follows: Alcova 157,700 ac-ft (99% of average) (86% of capacity); Glendo 376,500 ac-ft (97% of average) (74% of capacity); Guernsey

25,600 ac-ft (128% of average) (56% of capacity); Pathfinder 865,100 ac-ft (143% of average) (85% of capacity) (143% of average last year). Detailed reservoir data shown on the following page and in Appendix D.



Streamflow

The 50% exceedance forecasts for the April through September period will be below average. North Platte -

Alcova to Orin Gain will yield ---- ac-ft. LaPrele Creek above LaPrele Reservoir should yield around 24,000 ac-ft (121% of average). North Platte River below Glendo Reservoir should yield around 810,000 ac-ft (95% of average), and below Guernsey Reservoir should yield around 835,000 ac-ft (98% of average). See the following for more detailed information on projected runoff.

Data Current as of: 4/6/2016 8:10:46 AM

Lower North Platte River Basin Streamflow Forecasts - April 1, 2016

LOWER NORTH PLATTE RIVER BASIN	Forecast Period	90% (KAF)	70% (KAF)	50% (KAF)	% Avg	30% (KAF)	10% (KAF)	30yr Avg (KAF)
La Prele Ck ab La Prele Reservoir								
	APR-JUL	11.2	18.8	24	121%	29	37	19.9
	APR-SEP	11.1	18.8	24	121%	29	37	19.9
North Platte R bl Glendo Reservoir								
	APR-JUL	520	675	785	96%	890	1050	820
	APR-SEP	530	695	810	95%	920	1090	850
North Platte R bl Guernsey Reservoir								
······································	APR-JUL	470	665	800	98%	930	1130	820
	APR-SEP	495	700	835	98%	975	1180	850

- 1) 90% and 10% exceedance probabilities are actually 95% and 5%
- 2) Forecasts are for unimpaired flows. Actual flow will be dependent on management of upstream reservoirs and diversions
- 3) Median value used in place of average

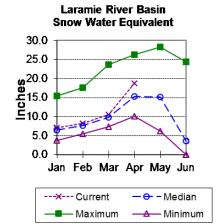
Res	servoir Storage	Current	Last Year	Average	Capacity
End	of March, 2016	(KAF)	(KAF)	(KAF)	(KAF)
Alcova		157.7	158.3	158.5	184.3
Glendo		376.5	308.2	389.4	506.4
Guernsey		25.6	27.2	20.0	45.6
Pathfinder		865.1	687.0	604.6	1016.5
	Basin-wide Total	1424.9	1180.7	1172.5	1752.8
	# of reservoirs	4	4	4	4

Watershed Snowpack Analysis April 1, 2016	# of Sites	% Median	Last Year % Median
DEER & LaPRELE CREEKS	2	118%	67%
LOWER NORTH PLATTE RIVER BASIN	4	123%	58%

Laramie River Basin

Snow

SWE for the entire Laramie River Basin (above mouth entering North Platte) is 123% of median. SWE for the Laramie River above Laramie is 133% of median. SWE for the Little



Laramie River is 114% of median. SWE total for the entire North Platte River Basin above Torrington is 107% of median.

See Appendix A at the end of this report for a detailed listing of snow course information.

Precipitation

Last month's precipitation was 180% of average (55% last year). For the 12 reporting stations percentages for the month range from 47-200%. The water year-to-date precipitation for the basin is currently 108% of average (95% last year). Year- to-date percentages range from 148-302% of average.

Reservoirs

Reservoir storage is as

follows: Wheatland #2 70,300 ac-ft (138% of average) (71% of capacity) was (138% of average last year). **Detailed** reservoir data shown on the following page and in **Appendix D**.

Streamflow

The 50% exceedance forecasts for the April through September period will be above average. Laramie River near Woods Landing should yield around 137,000 ac-ft (109% of average). The Little Laramie near Filmore should produce about 58,000 ac-ft (105% of average). See below for detailed information on projected runoff.



Laramie River Basin

Streamflow Forecasts - April 1, 2016

Forecast Exceedance Probabilities for Risk Assessment
Chance that actual volume will exceed forecast

LARAMIE RIVER BASIN	Forecast Period	90% (KAF)	70% (KAF)	50% (KAF)	% Avg	30% (KAF)	10% (KAF)	30yr Avg (KAF)
Laramie R nr Woods								
	APR-JUL	86	109	125	109%	141	164	115
	APR-SEP	94	120	137	109%	155	181	126
Little Laramie R nr Filmore								
	APR-JUL	37	46	53	104%	60	69	51
	APR-SEP	39	50	58	105%	66	77	55

- 1) 90% and 10% exceedance probabilities are actually 95% and 5%
- 2) Forecasts are for unimpaired flows. Actual flow will be dependent on management of upstream reservoirs and diversions
- 3) Median value used in place of average

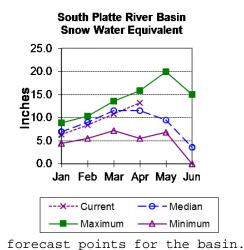
Reservoir Storage	Current	Last Year	Average	Capacity
End of March, 2016	(KAF)	(KAF)	(KAF)	(KAF)
Wheatland #2	70.3	79.5	51.0	98.9
Basin-wide Tot	al 70.3	79.5	51.0	98.9
# of reservoi	rs 1	1	1	1

Watershed Snowpack Analysis April 1, 2016	# of Sites	% Median	Last Year % Median
LARAMIE RIVER abv Laramie	7	133%	71%
LITTLE LARAMIE RIVER	5	114%	82%
LARAMIE RIVER BASIN	13	123%	75%
NORTH PLATTE TOTAL RIVER BASIN	39	107%	68%

South Platte River Basin (WY)

Snow

South Platte River Basin SWE in WY is 114% of median. See Appendix A at the end of this report for a detailed listing of snow course information.



Precipitation

Last month's precipitation was 182% of average (58% last year) for the six reporting stations. The water year-to-date

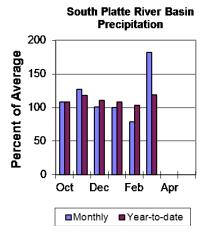
precipitation for the basin is currently 119% of average (97% last year). Year-to-date percentages range from 102-194% of average.

Reservoirs

No reservoir data for the basin.

Streamflow

There are no streamflow



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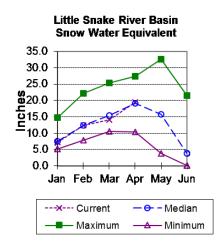
South Platte River Basin - April 1, 2016

Watershed Snowpack Analysis April 1, 2016	# of Sites	% Median	Last Year % Median
SOUTH PLATTE RIVER BASIN	8	114%	82%

Little Snake River Basin

Snow

Little Snake River drainage SWE is 102% of median. See *Appendix A* at the end of this report for a detailed listing of snow course information.

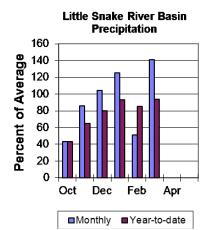


Precipitation

Precipitation across the basin was 141% of average (77% last year) for the eight reporting stations. Last month's precipitation ranged from 81-203% of average. The Little Snake River Basin water-year-to-date precipitation is currently 94% of average (70% last year). Year-to-date percentages range from 65-108% of average.

Reservoirs

High Savery Dam - 11,600 acft (89% of average) (52% of capacity) (115% last year's average). See below for detailed information on reservoirs and in Appendix 20



Streamflow

The 50% exceedance forecasts for the April through July period will be low. The Little Snake River near Slater should yield around 125,000 ac-ft (80% of average). The Little Snake River near Dixon should yield around 260,000 ac-ft (75% of average). See below for detailed information on projected runoff.

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Little Snake River Basin Streamflow Forecasts - April 1, 2016

LITTLE SNAKE RIVER BASIN	Forecast Period	90% (KAF)	70% (KAF)	50% (KAF)	% Avg	30% (KAF)	10% (KAF)	30yr Avg (KAF)
Little Snake R nr Slater ²								
Little Snake R nr Dixon ²	APR-JUL	89	110	125	80%	142	168	156
Ende Shake IV III DIXOII	APR-JUL	143	210	260	75%	315	415	345

- 1) 90% and 10% exceedance probabilities are actually 95% and 5%
- 2) Forecasts are for unimpaired flows. Actual flow will be dependent on management of upstream reservoirs and diversions
- 3) Median value used in place of average

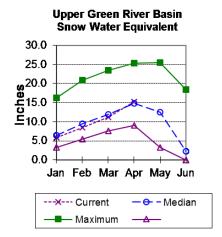
Reservoir Storage End of March, 2016	Current (KAF)	Last Year (KAF)	Average (KAF)	Capacity (KAF)
High Savery Reservoir	11.6	15.0	13.1	22.4
Basin-wide Total	11.6	15.0	13.1	22.4
# of reservoirs	1	1	1	1

Watershed Snowpack Analysis April 1, 2016	# of Sites	% Median	Last Year % Median
LITTLE SNAKE RIVER BASIN	10	102%	54%
			•

Upper Green River Basin

Snow

Upper Green River Basin above Fontenelle Reservoir SWE is 103% of median. Green River Basin above Warren Bridge SWE is 97% of median. West Side of Upper Green



River Basin SWE is 114% of median. New Fork River SWE is 83% of median. Big Sandy-Eden Valley Basin SWE is 85% of median. See Appendix A at the end of this report for a detailed listing of snow course information.

Precipitation

The 15 reporting precipitation sites in the basin were 137% of average last month (43% last year). Last month's precipitation varied from 90-236% of average. Water year-to-date precipitation is 98% of average (89% last year). Year to date percentages of average range from 66-121%.

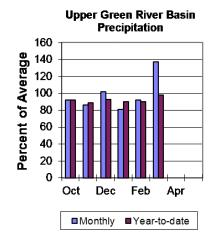
Reservoir

Storage in Big Sandy Reservoir is 21,100 ac-ft or 55% of capacity (106% of average) (118% last

year). Fontenelle Reservoir is 139,200 ac-ft (40% of capacity) (114% of average) (165% last year). **Detailed** reservoir data shown on the following page and in **Appendix D**.

Streamflow

The 50% exceedance forecasts for the April through July period will be below average. The yield on the Green River at Warren Bridge is about 215,000 ac-ft (88% of average). Pine Creek above Fremont Lake yield will be about 85,000 ac-ft (87% of average). New Fork River



near Big Piney yield will be about 285,000 ac-ft (80% of average). Fontenelle Reservoir Inflow is estimated to be around 580,000 ac-ft (80% of average), and Big Sandy near Farson yield will be around 40,000 ac-ft (77% of average). See the following for a more detailed forecast.

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Upper Green River Basin

Streamflow Forecasts - April 1, 2016

Chance that actual volume will exceed forecast

Forecast 90% 70% 30% 10% 30yr Avg 50% **UPPER GREEN RIVER BASIN** % Avg (KAF) (KAF) (KAF) (KAF) (KAF) Period (KAF) Green R at Warren Bridge APR-JUL 195 215 88% 270 245 166 235 Pine Creek ab Fremont Lake APR-JUL 72 80 85 87% 90 99 98 New Fork R nr Big Piney 285 APR-JUL 240 80% 355 183 330 410 Fontenelle Reservoir Inflow APR-JUL 355 485 580 80% 685 860 725 Big Sandy R nr Farson 40 57 52

- 1) 90% and 10% exceedance probabilities are actually 95% and 5%
- 2) Forecasts are for unimpaired flows. Actual flow will be dependent on management of upstream reservoirs and diversions
- 3) Median value used in place of average

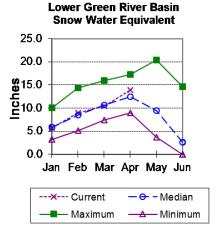
Reservoir Storage	Current	Last Year	Average	Capacity
End of March, 2016	(KAF)	(KAF)	(KAF)	(KAF)
Big Sandy	21.1	23.4	19.9	38.3
Fontenelle	139.2	200.6	121.7	344.8
Basin-wide Total	160.3	224.0	141.6	383.1
# of recentain	2	0	2	2

Watershed Snowpack Analysis April 1, 2016	# of Sites	% Median	Last Year % Median
GREEN above Warren Bridge	5	97%	84%
UPPER GREEN - West Side	5	114%	99%
NEWFORK RIVER	2	83%	82%
BIG SANDY-EDEN VALLEY	2	85%	53%
GREEN above Fontenelle	14	103%	90%

Lower Green River Basin

Snow

Lower Green River Basin SWE is 111% of median. Hams Fork drainage SWE is 99% of median. Blacks Fork drainage SWE is 112% of median. Henrys Fork SWE is 154% of median. SWE for



the entire Green River Basin (above Flaming Gorge) is 106% of median. See Appendix A at the end of this report for a detailed listing of snow course information.

Precipitation

Precipitation for the 10 reporting stations during last month was 154% of average (49% last year). Precipitation ranged from 133-297% of average for the month. The basin year-to- date precipitation is currently 104% of average (73% last year). Year-to-date percentages range from 72-179% of average.

Reservoirs

Fontenelle Reservoir is currently storing 139,200 ac-ft; this is 114% of

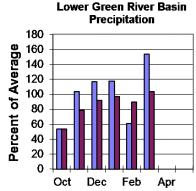
average (165% last year) (40% of capacity). Flaming Gorge is currently storing 3,166,500 ac-ft; this is 105% of average (105% last year) (84% of capacity). Viva Naughton is currently storing 31,100 ac-ft; this is 114% of average (125% last year) (73% of capacity). Detailed reservoir data shown on the following page and in Appendix D.

Streamflow

The 50% exceedance forecasts for the April through July

period will be below average. The Green River near Green River will yield about 590,000

ac-ft (81% of average). The Blacks Fork near Robertson will yield about 85,000 ac-ft (96% of average). East Fork of Smiths Fork near Robertson will yield around 26,000 ac-ft (96% of average). Hams Fork below Pole Creek near Frontier will yield around 40,000 ac-ft (74% of average). The Hams Fork Inflow to Viva Naughton Reservoir will yield about 53,000 ac-ft (72% of average). The Flaming Gorge Reservoir inflow will be about 830,000 ac-ft (85% of average). See the following page for more detailed information on projected runoff.



Lower Green River Basin Streamflow Forecasts - April 1, 2016

LOWER GREEN RIVER BASIN	Forecast Period	90% (KAF)	70% (KAF)	50% (KAF)	% Avg	30% (KAF)	10% (KAF)	30yr Avg (KAF)
Green R nr Green River, WY ²								
Blacks Fk nr Robertson	APR-JUL	365	495	590	81%	695	865	730
DIACKS FK III RODEITSOII	APR-JUL	62	75	85	96%	95	112	89
EF of Smiths Fork nr Robertson ²								
Hams Fk bl Pole Ck nr Frontier	APR-JUL	17.8	23	26	96%	30	36	27
Harris FK bi Pole CK III Frontiel	APR-JUL	26	34	40	74%	47	58	54
Viva Naughton Reservoir Inflow								
5 1	APR-JUL	31	43	53	72%	63	81	74
Flaming Gorge Reservoir Inflow ²	APR-JUL	495	685	830	85%	990	1250	980

^{1) 90%} and 10% exceedance probabilities are actually 95% and 5%

³⁾ Median value used in place of average

Reservoir Storage	Current	Last Year	Average	Capacity
End of March, 2016	(KAF)	(KAF)	(KAF)	(KAF)
Fontenelle	139.2	200.6	121.7	344.8
Flaming Gorge Reservoir	3166.5	3165.7	3020.0	3749.0
Viva Naughton Res	31.1	34.1	27.2	42.4
Basin-wide Total	3336.8	3400.4	3168.9	4136.2
# of reservoirs	3	3	3	3

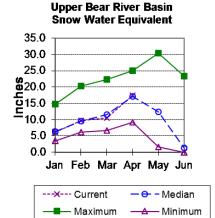
Watershed Snowpack Analysis April 1, 2016	# of Sites	% Median	Last Year % Median
HAMS FORK RIVER	3	99%	76%
BLACKS FORK	2	112%	52%
HENRYS FORK	2	154%	7%
LOWER GREEN RIVER BASIN	7	111%	59%
GREEN above FLAMING GORGE	20	106%	80%

²⁾ Forecasts are for unimpaired flows. Actual flow will be dependent on management of upstream reservoirs and diversions

Upper Bear River Basin

Snow

Upper Bear River Basin in Utah SWE is 102% of median. SWE in the Wyoming portion of the Bear River drainage (Smiths and Thomas Forks) is 101% of median. Bear River Basin SWE,



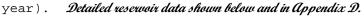
above the Idaho State line, is 99% of median. See Appendix A at the end of this report for a detailed listing of snow course information.

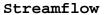
Precipitation

Precipitation for last month was 130% of average for the 8 reporting stations; this was 46% last year. The year-to-date precipitation for the basin is 97% of average; this was 68% last year. Year-to-date percentages range from 79-117% of average.

Reservoirs

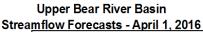
Storage in Woodruff Narrows Reservoir was 51,600 ac-ft about 90% of capacity (134% of average) (133% last





The following 50% exceedance forecasts for the April through September period will be below average. The Bear River near the Utah-Wyoming State Line should yield about 101,000 ac-ft (82% of average). The Bear River above Reservoir near Woodruff should yield around 95,000 ac-ft (74% of average). The Smiths Fork River near Border Jct. will yield around 95,000 ac-ft (91% of



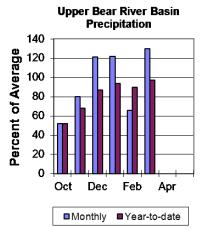


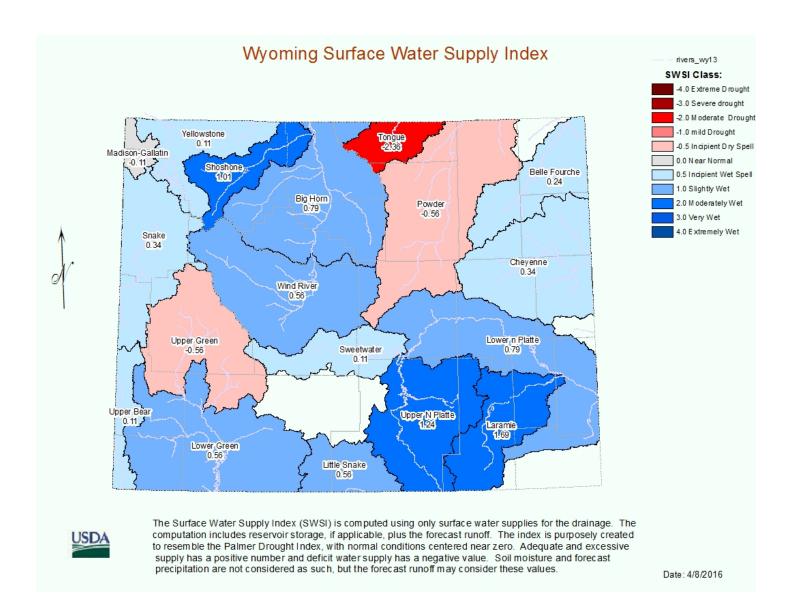
UPPER BEAR RIVER BASIN	Forecast Period	90% (KAF)	70% (KAF)	50% (KAF)	% Avg	30% (KAF)	10% (KAF)	30yr Avg (KAF)
Bear R nr UT-WY State Line								
	APR-JUL	62	80	91	81%	103	121	112
	APR-SEP	69	88	101	82%	114	133	123
Bear R ab Resv nr Woodruff								
	APR-JUL	50	75	92	76%	109	134	121
	APR-SEP	52	78	95	74%	112	138	128
Smiths Fk nr Border								
	APR-JUL	60	73	82	92%	91	104	89
	APR-SEP	70	85	95	91%	105	120	104

- 1) 90% and 10% exceedance probabilities are actually 95% and 5%
- 2) Forecasts are for unimpaired flows. Actual flow will be dependent on management of upstream reservoirs and diversions
- 3) Median value used in place of average

Reservoir Storage	Current	Last Year	Average	Capacity
End of March, 2016	(KAF)	(KAF)	(KAF)	(KAF)
Woodruff Narrows Reservoir	51.6	50.9	38.4	57.3
Basin-wide Total	51.6	50.9	38.4	57.3
# of reservoirs	1	1	1	1

Watershed Snowpack Analysis April 1, 2016	# of Sites	% Median	Last Year % Median
UPPER BEAR RIVER in Utah	3	99%	33%
SMITHS & THOMAS FORKS	3	101%	78%
UPPER BEAR RIVER BASIN	8	102%	55%





Appendix A In Word double click the object below to view entire document

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	Basinwide Summary: April 1, 2016 Snowpack Summary for April 1, 20 Snowpack Summary for April 1, 20							016
SNAKE above Jackson Lake	Network	Elevation			Median	% Madies		Last Year
Anton County	SC	(ft) 7750	(in) 64	(in) 23.0	(in) 25.7	Median 89%	3WE (In)	% Median 56%
Aster Creek Glade Creek	SC	7040	60				16.5	78%
Grassy Lake	SNOTEL	7265	83	30.4	31.6		23.7	75%
Huckleberry Divide	SC	7300	57	19.2		104%	13.5	73%
Lewis Lake Divide	SNOTEL	7850	80	29.8	29.5		19.9	67%
Moran	SC	6750	39	12.0	10.6		6.3	59%
Snake River Station	SNOTEL	6920	50		15.5		11.7	75%
Thumb Divide	SNOTEL	7980	47	14.3	14.9	96%	6.4	43%
Two Ocean Plateau	SNOTEL	9240	79	26.3	25.6	103%	23.9	93%
Basin Index						101%		71%
# of sites						9		9
		Florentine.	D#	CIME	Madia	0/	I 1 V	LastVasa
PACIFIC CREEK	Network	Elevation (ft)	(in)	(in)	Median (in)	% Median		Last Year % Median
Base Camp	SNOTEL	7030	49	16.2	14.8		13.8	93%
Moran	SC	6750	39	12.0	10.6	113%	6.3	59%
Two Ocean Plateau	SNOTEL	9240	79	26.3	25.6	103%	23.9	93%
Basin Index						107%		86%
# of sites						3		3
BUFFALO FORK	Network	Elevation	Depth	SWE	Median	%	Last Year	Last Year
BUFFALOFORK	Network	(ft)	(in)	(in)	(in)	Median	SWE (in)	% Median
Four Mile	SC	6900	29	8.4	7.0	120%	2.4	34%
Togwotee Pass	SNOTEL	9580	71	21.3	21.6	99%	21.5	100%
Turpin Meadows	SC	6900	36	11.8	9.0	131%	9.8	109%
Younts Peak	SNOTEL	8350	42	14.1	14.1	100%		
Basin Index						110%		90%
# of sites						3		3
GROS VENTRE RIVER	Network	Elevation			Median	%		Last Year
File Devel	00	(ft)	(in)	(in)	(in)			% Median
Elbo Ranch	SC	7100	41	12.0	10.2		10.6	104%
Gros Ventre Summit	SNOTEL	8750 9820	43 47	11.3 13.7	12.9 13.4		9.1 11.4	71% 85%
Gunsight Pass Togwotee Pass	SNOTEL	9580	71	21.3		99%	21.5	100%
Basin Index	SNOTEL	8000	/1	21.3	21.0	100%		91%
# of sites						4		4
0. 3.63								
		Elevation	Depth	SWF	Median	%	Last Year	Last Year
HOBACK RIVER	Network	(ft)	(in)	(in)	(in)			% Median
Blind Bull Sum	SNOTEL	8650	76	25.0	22.4		22.9	102%
East Rim Divide	SNOTEL	7930	38	11.1	10.0			91%
Granite Creek	SNOTEL	6770	42					95%
Hoback GS	SC	6664	24				7.1	84%
Snow King Mountain	SC	7660	42				10.0	77%
Basin Index						94%		92%
# of sites						5		5
GREYS RIVER	Network	Elevation	Depth	SWE	Median	%	Last Year	Last Year
OKE 13 KIVEK	MEMOIR	(ft)	(in)	(in)	(in)	Median	SWE (in)	% Median

${\bf Appendix} \ {\bf B}$ In Word double click the object below to view entire document

Report Created: 4/6/2016 8:08:46 AM												
Basinwide Summary: A (Averages/Medians based on 1981-		ice period)	Mont	hly Total	Precipitati	on for Marc	h 2016	Water Year to Date Precipitation through March 2016				
SNAKE above Jackson Lake	Network	Elevation (ft)	Current (in)	Average (in)	% Average	Last Year (in)	Last Year % Avg	Current (in)	Average (in)	% Average	Last Year (in)	Last Year % Avg
Grassy Lake	SNOTEL	7265	6.3	5.2		1.7	33%	34.8	34.6	101%	26.6	77%
Lewis Lake Divide	SNOTEL	7850	5.9	5.3	111%	1.9	36%	31.8	34.1	93%	25.1	74%
Snake River Station Thumb Divide	SNOTEL	6920 7980	4.1 3.4	3 3.2	137% 108%	0.8 1.2	27% 38%	22.9 15	21.6	106% 84%	17.5	81% 62%
Two Ocean Plateau	SNOTEL	9240	5.1	3.2 4.6	111%	1.2	43%	24.6	17.8 26.2	94%	11.1 21.9	84%
Basin Index	SNOTEL	0240	3.1	7.0	116%		36%	24.0	20.2	96%	21.0	76%
# of sites					5		5			5		5
PACIFIC CREEK	Network	Elevation (ft)	Current (in)	Average (in)	% Average	Last Year (in)	Last Year % Avg	Current (in)	Average (in)	% Average	Last Year (in)	Last Year % Avg
Base Camp	SNOTEL	7030	3.5	3	117%	1.2	40%	19.8	20.2	98%	16.9	84%
Two Ocean Plateau	SNOTEL	9240	5.1	4.6	111%	2	43%	24.6	26.2	94%	21.9	84%
Basin Index # of sites					113% 2		42% 2			96% 2		84% 2
BUFFALO FORK	Network	Elevation (ft)	Current (in)	Average (in)	% Average	Last Year (in)	Last Year % Avg	Current (in)	Average (in)	% Average	Last Year (in)	Last Year % Avg
Togwotee Pass	SNOTEL	9580	(in) 4.7	(In) 3.9	121%	(in) 2	76 AVg	(In) 24 1	(in) 23.3	103%	(in) 23.5	% AVg
Younts Peak	SNOTEL	8350	3.1	2.6		-	0170	13.2	15.2	87%	20.0	10170
Basin Index					121%		51%			103%		101%
# of sites					1		1			1		1
GROS VENTRE RIVER	Network	Elevation (ft)	Current (in)	Average (in)	% Average	Last Year (in)	Last Year % Avg	Current (in)	Average (in)	% Average	Last Year (in)	Last Year % Avg
Gros Ventre Summit	SNOTEL	8750	2.6	2.3	113%	0.7	30%	10.8	12.4	87%	9.2	74%
Gunsight Pass	SNOTEL	9820	3.3	2.3	143%	1	43%	14.3	13.2	108%	11.8	89%
Togwotee Pass	SNOTEL	9580	4.7	3.9		2	51%	24.1	23.3	103%	23.5	101%
Basin Index					125%		44%			101%		91%
# of sites					3					3		
HOBACK RIVER	Network	Elevation		Average		Last Year		Current	Average	%	Last Year	Last Year % Avg
Blind Bull Sum	SNOTEL	(ft) 8650	(in) 3.9	(in) 2.8	Average 139%	(in) 1.3	% Avg 46%	(in) 16.5	(in) 18.8	Average 88%	(in) 15.7	% AVg 84%
East Rim Divide	SNOTEL	7930	2.4	1.7	141%	0.7	41%	10.8	11.3	96%	10.6	94%
Granite Creek	SNOTEL	6770	2.3	2.6		0.8	31%	16.9	19.1	88%	16.4	86%
Basin Index					121%		39%			90%		87%
# of sites					3		3			3		3
		Elevation	Current	Average		Last Year		Current	Average		Last Year	
# of sites	Network	Elevation (ft)	Current (in)	Average (in)	% Average	Last Year (in)		Current (in)	Average (in)	% Average	Last Year (in)	
	SNOTEL				% Average		Last Year % Avg 46%	(in) 16.5		% Average 88%	(in) 15.7	Last Year % Avg 84%
GREYS RIVER Blind Bull Sum Cottonwood Creek	SNOTEL SNOTEL	(ft) 8650 7670	(in) 3.9 5.7	(in) 2.8 4.1	% Average 139% 139%	(in) 1.3 2	Last Year % Avg 48% 49%	(in) 16.5 25.5	(in) 18.8 23.7	% Average 88% 108%	(in) 15.7 24.1	Last Year % Avg 84% 102%
GREYS RIVER Blind Bull Sum Cottonwood Creek Spring Creek Divide	SNOTEL SNOTEL SNOTEL	(ft) 8650 7670 9000	(in) 3.9 5.7 4.9	(in) 2.8 4.1 3.6	% Average 139% 139% 136%	(in) 1.3 2 1.9	Last Year % Avg 46% 49% 53%	(in) 16.5 25.5 23.3	(in) 18.8 23.7 22.9	% Average 88% 108% 102%	(in) 15.7 24.1 22.9	Last Year % Avg 84% 102% 100%
GREYS RIVER Blind Bull Sum Cottonwood Creek Spring Creek Divide Triple Peak	SNOTEL SNOTEL SNOTEL SNOTEL	(ft) 8650 7670 9000 8500	(in) 3.9 5.7 4.9 6.2	(in) 2.8 4.1 3.6 4.2	% Average 139% 139% 136% 148%	(in) 1.3 2 1.9 2.2	Last Year % Avg 46% 49% 53% 52%	(in) 16.5 25.5 23.3 26.9	(in) 18.8 23.7 22.9 24.4	% Average 88% 108% 102% 110%	(in) 15.7 24.1 22.9 24.6	Last Year % Avg 84% 102% 100% 101%
GREYS RIVER Blind Bull Sum Cottonwood Creek Spring Creek Divide Triple Peak Willow Creek	SNOTEL SNOTEL SNOTEL	(ft) 8650 7670 9000	(in) 3.9 5.7 4.9	(in) 2.8 4.1 3.6	% Average 139% 139% 136% 148% 128%	(in) 1.3 2 1.9	Last Year % Avg 48% 49% 53% 52% 41%	(in) 16.5 25.5 23.3	(in) 18.8 23.7 22.9	% Average 88% 108% 102% 110% 98%	(in) 15.7 24.1 22.9	Last Year % Avg 84% 102% 100% 101% 82%
GREYS RIVER Blind Bull Sum Cottonwood Creek Spring Creek Divide Triple Peak	SNOTEL SNOTEL SNOTEL SNOTEL	(ft) 8650 7670 9000 8500	(in) 3.9 5.7 4.9 6.2	(in) 2.8 4.1 3.6 4.2	% Average 139% 139% 136% 148%	(in) 1.3 2 1.9 2.2	Last Year % Avg 46% 49% 53% 52%	(in) 16.5 25.5 23.3 26.9	(in) 18.8 23.7 22.9 24.4	% Average 88% 108% 102% 110%	(in) 15.7 24.1 22.9 24.6	Last Year % Avg 84% 102% 100% 101%
GREYS RIVER Blind Bull Sum Cottonwood Creek Spring Creek Divide Triple Peak Willow Creek Basin Index	SNOTEL SNOTEL SNOTEL SNOTEL	(ft) 8850 7670 9000 8500 8380	(in) 3.9 5.7 4.9 6.2 6.9	(in) 2.8 4.1 3.6 4.2 5.4	% Average 139% 139% 136% 148% 128% 5	(in) 1.3 2 1.9 2.2 2.2	Last Year % Avg 48% 49% 53% 52% 41% 5 Last Year	(in) 18.5 25.5 23.3 26.9 31.6	(in) 18.8 23.7 22.9 24.4 32.2	% Average 88% 108% 102% 110% 98% 101% 5	(in) 15.7 24.1 22.9 24.6 26.4 Last Year	Last Year % Avg 84% 102% 100% 101% 82% 93% 5
GREYS RIVER Blind Bull Sum Cottonwood Creek Spring Creek Divide Triple Peak Willow Creek Basin Index # of sites	SNOTEL SNOTEL SNOTEL SNOTEL SNOTEL	(ft) 8650 7670 9000 8500 8380	(in) 3.9 5.7 4.9 6.2 6.9	(in) 2.8 4.1 3.6 4.2 5.4	% Average 139% 139% 136% 148% 128% 5	(in) 1.3 2 1.9 2.2 2.2	Last Year % Avg 48% 49% 53% 52% 41% 48%	(in) 16.5 25.5 23.3 26.9 31.6	(in) 18.8 23.7 22.9 24.4 32.2	% Average 88% 108% 102% 110% 98% 101%	(in) 15.7 24.1 22.9 24.6 28.4	Last Year % Avg 84% 102% 100% 101% 82% 93%
GREYS RIVER Blind Bull Sum Cottonwood Creek Spring Creek Divide Triple Peak Willow Creek Basin Index # of sites SALT RIVER	SNOTEL SNOTEL SNOTEL SNOTEL SNOTEL	(ft) 8650 7670 9000 8500 8380 Elevation (ft)	(in) 3.9 5.7 4.9 6.2 6.9 Current (in)	(in) 2.8 4.1 3.6 4.2 5.4 Average (in)	% Average 139% 139% 136% 148% 128% 5 % Average	(in) 1.3 2 1.9 2.2 2.2 Last Year (in)	Last Year % Avg 48% 49% 53% 52% 41% 48% 5 Last Year % Avg	(in) 18.5 25.5 23.3 26.9 31.6 Current (in)	(in) 18.8 23.7 22.9 24.4 32.2 Average (in)	% Average 88% 108% 102% 110% 98% 101% 5	(in) 15.7 24.1 22.9 24.6 26.4 Last Year (in)	Last Year % Avg 84% 102% 100% 101% 82% 93% 5 Last Year % Avg
GREYS RIVER Blind Bull Sum Cottonwood Creek Spring Creek Divide Triple Peak Willow Creek Basin Index # of sites SALT RIVER Cottonwood Creek Salt River Summit Willow Creek	SNOTEL SNOTEL SNOTEL SNOTEL SNOTEL	(ft) 8650 7670 9000 8500 8380 Elevation (ft) 7670	(in) 3.9 5.7 4.9 6.2 6.9 Current (in) 5.7	(in) 2.8 4.1 3.6 4.2 5.4 Average (in)	% Average 139% 139% 138% 148% 128% 5 5 % Average 139% 162% 128%	(in) 1.3 2 1.9 2.2 2.2 Last Year (in) 2	Last Year % Avg 46% 53% 52% 41% 48% 5 5 Last Year % Avg 46% 46% 41%	(in) 18.5 25.5 23.3 26.9 31.8 Current (in) 25.5	(in) 18.8 23.7 22.9 24.4 32.2 Average (in) 23.7	% Average 88% 108% 102% 110% 98% 101% 5 % Average 108% 98% 98%	(in) 15.7 24.1 22.9 24.6 26.4 Last Year (in) 24.1	Last Year % Avg 84% 102% 100% 101% 82% 93% 5 Last Year % Avg 112% 81% 82%
GREYS RIVER Blind Bull Sum Cottonwood Creek Spring Creek Divide Triple Peak Willow Creek Basin Index # of sites SALT RIVER Cottonwood Creek Salt River Summit Willow Creek Basin Index	SNOTEL SNOTEL SNOTEL SNOTEL SNOTEL Network	(ft) 8650 7670 9000 8500 8380 Elevation (ft) 7670 7780	(in) 3.9 5.7 4.9 6.2 6.9 Current (in) 5.7 4.2	(in) 2.8 4.1 3.6 4.2 5.4 Average (in) 4.1 2.6	% Average 139% 139% 136% 148% 128% 5 Average 139% 162% 128% 139%	(in) 1.3 2 1.9 2.2 2.2 Last Year (in) 2 1.2	Last Year % Avg 46% 49% 53% 52% 41% 48% 5 Last Year % Avg 46% 41% 45% 45%	(in) 18.5 25.5 23.3 26.9 31.6 Current (in) 25.5 15.3	(in) 18.8 23.7 22.9 24.4 32.2 Average (in) 23.7 16	% Average 88% 108% 102% 110% 98% 401% 5 Average 108% 90% 90% 101%	(in) 15.7 24.1 22.9 24.6 26.4 Last Year (in) 24.1 12.9	Last Year % Avg 84% 102% 100% 101% 82% 55 Last Year % Avg 102% 81% 82% 88% 88%
GREYS RIVER Blind Bull Sum Cottonwood Creek Spring Creek Divide Triple Peak Willow Creek Basin Index # of sites SALT RIVER Cottonwood Creek Salt River Summit Willow Creek	SNOTEL SNOTEL SNOTEL SNOTEL SNOTEL Network	(ft) 8850 7670 9000 8500 8380 Elevation (ft) 7670 7760 8380	(in) 3.9 5.7 4.9 6.2 6.9 Current (in) 5.7 4.2 6.9	(in) 2.8 4.1 3.6 4.2 5.4 Average (in) 4.1 2.6 5.4	% Average 139% 136% 148% 128% 137% 5 % Average 139% 162% 139% 3	(in) 1.3 2 1.9 2.2 2.2 2.2 Last Year (in) 2 1.2 2.2	Last Year % Avg 46% 49% 52% 41% 48% 5 5 Last Year % Avg 49% 41% 48% 3	(in) 16.5 25.5 23.3 26.9 31.6 Current (in) 25.5 15.3 31.6	(in) 18.8 23.7 22.9 24.4 32.2 Average (in) 23.7 16 32.2	% Average 88% 108% 102% 110% 98% 101% 5 Average 108% 98% 33	(in) 15.7 24.1 22.9 24.6 26.4 Last Year (in) 24.1 12.9 26.4	Last Year % Avg 84% 102% 100% 101% 82% 93% 5 Last Year % Avg 102% 81% 82% 88% 3
GREYS RIVER Blind Bull Sum Cottonwood Creek Spring Creek Divide Triple Peak Willow Creek Basin Index # of sites SALT RIVER Cottonwood Creek Salt River Summit Willow Creek Basin Index	SNOTEL SNOTEL SNOTEL SNOTEL SNOTEL Network	(ft) 8850 7670 9000 8500 8380 Elevation (ft) 7670 7760 8380	(in) 3.9 5.7 4.9 6.2 6.9 Current (in) 5.7 4.2 6.9 Current	(in) 2.8 4.1 3.6 4.2 5.4 Average (in) 4.1 2.6 5.4 Average	% Average 139% 136% 138% 148% 128% 137% 5 % Average 139% 128% 139% 3	(in) 1.3 2 1.9 2.2 2.2 Last Year (in) 2 1.2 2.2 Last Year	Last Year % Avg 48% 53% 52% 41% 48% 5 Last Year % Avg 49% 45% 3 Last Year 3 Last Year 3 Last Year 45% 3 Last Year 45% 45% 3 Last Year 45% 45% 45% 3 Last Year 45% 45% 45% 45% 3 Last Year 45% 45% 45% 45% 45% 45% 45% 45% 45% 45%	(in) 18.5 25.5 23.3 28.9 31.6 Current (in) 25.5 15.3 31.6 Current	(in) 18.8 23.7 22.9 24.4 32.2 Average (in) 23.7 16 32.2	% Average 88% 108% 102% 110% 98% 101% 5 Average 108% 98% 101% 3	(in) 15.7 24.1 22.9 24.6 26.4 Last Year (in) 24.1 12.9 26.4 Last Year	Last Year % Avg 84% 102% 100% 101% 82% 93% 53% 102% 81% 82% 33% 3 Last Year
GREYS RIVER Blind Bull Sum Cottonwood Creek Spring Creek Divide Triple Peak Willow Creek Basin Index # of sites SALT RIVER Cottonwood Creek Salt River Summit Willow Creek Basin Index # of sites	SNOTEL SNOTEL SNOTEL SNOTEL SNOTEL SNOTEL SNOTEL SNOTEL SNOTEL	(ft) 8850 7670 9000 8500 8380 Elevation (ft) 68380	(in) 3.9 5.7 4.9 6.2 6.9 Current (in) 5.7 4.2 6.9 Current (in)	(in) 2.8 4.1 3.6 4.2 5.4 Average (in) 4.1 2.6 5.4 Average (in)	% Average 139% 136% 136% 148% 128% 137% 5 % Average 139% 128% 139% 3 % Average	(in) 1.3 2 1.9 2.2 2.2 Last Year (in) 2 1.2 2.2 Last Year (in)	Last Year % Avg 46% 49% 52% 41% 48% 52% Avg 49% 40% 41% 45% 3 Last Year % Avg 45% Avg 45% Avg 45% Avg 45% Avg 45% Avg	(in) 10.5 25.5 23.3 20.9 31.6 Current (in) 25.5 15.3 31.6 Current (in)	(in) 18.8 23.7 22.9 24.4 32.2 Average (in) 23.7 16 32.2 Average (in)	% Average 88% 108% 1108% 1109% 1109% 989% 4019% 5 Average 1099% 989% 4019% Average	(in) 15.7 24.1 22.9 24.6 26.4 Last Year (in) 24.1 12.9 26.4 Last Year (in)	Last Year % Avg 84% 102% 101% 82% 5 Last Year % Avg 102% 88% 88% Last Year % Avg
GREYS RIVER Blind Bull Sum Cottonwood Creek Spring Creek Divide Triple Peak Willow Creek Basin Index # of sites SALT RIVER Cottonwood Creek Salt River Summit Willow Creek Basin Index # of sites	SNOTEL SNOTEL SNOTEL SNOTEL SNOTEL SNOTEL SNOTEL SNOTEL SNOTEL	(ft) 8850 7670 9000 8500 8380 Elevation (ft) 7670 7760 8380	(in) 3.9 5.7 4.9 6.2 6.9 Current (in) 5.7 4.2 6.9 Current	(in) 2.8 4.1 3.6 4.2 5.4 Average (in) 4.1 2.6 5.4 Average	% Average 139% 136% 138% 148% 128% 137% 5 % Average 139% 128% 139% 3	(in) 1.3 2 1.9 2.2 2.2 Last Year (in) 2 1.2 2.2 Last Year	Last Year % Avg 48% 53% 52% 41% 48% 5 Last Year % Avg 49% 45% 3 Last Year 3 Last Year 3 Last Year 45% 3 Last Year 45% 45% 3 Last Year 45% 45% 45% 3 Last Year 45% 45% 45% 45% 3 Last Year 45% 45% 45% 45% 45% 45% 45% 45% 45% 45%	(in) 18.5 25.5 23.3 28.9 31.6 Current (in) 25.5 15.3 31.6 Current	(in) 18.8 23.7 22.9 24.4 32.2 Average (in) 23.7 16 32.2	% Average 88% 108% 102% 110% 98% 101% 5 Average 108% 98% 101% 3	(in) 15.7 24.1 22.9 24.6 26.4 Last Year (in) 24.1 12.9 26.4 Last Year	Last Year % Avg 84% 102% 100% 101% 82% 93% 53% 102% 81% 82% 33% 3 Last Year
GREYS RIVER Blind Bull Sum Cottonwood Creek Spring Creek Divide Triple Peak Willow Creek Basin Index # of sites SALT RIVER Cottonwood Creek Salt River Summit Willow Creek Basin Index # of sites SNAKE RIVER BASIN Afton	SNOTEL SN	(ft) 8850 7670 9000 8500 8380 Elevation (ft) 7670 8380 Elevation (ft) 6210	(in) 3.9 5.7 4.9 6.2 6.9 Current (in) 5.7 4.2 0.9 Current (in) 2.11	(in) 2.8 4.1 3.6 4.2 5.4 Average (in) 4.1 2.6 5.4 Average (in) 1.4	% Average 139% 130% 130% 130% 148% 128% 137% 5 % Average 139% 128% 139% 3 % Average 151%	(in) 1.3 2 1.9 2.2 2.2 Last Year (in) 2 1.2 2.2 Last Year (in) 0.62	Last Year % Avg 46% 49% 53% 52% 41% 48% 5 Last Year % Avg 45% 3 Last Year % Avg 44% 44%	(in) 18.5 25.5 23.3 28.9 31.6 Current (in) 25.5 15.3 31.6 Current (in) 7.49	(in) 18.8 23.7 22.9 24.4 32.2 Average (in) 23.7 16 32.2 Average (in) 8.25 12.74 20.2	% Average 88% 108% 102% 110% 98% 101% Average 108% 98% 4 Average 101% Average 91%	(in) 15.7 24.1 22.9 24.6 26.4 Last Year (in) 24.1 12.9 26.4 Last Year (in) 5.77	Last Year % Avg 84% 102% 101% 52% 33% 5 Last Year % Avg 102% 81% 32 42% 70% 74% 449 70% 74% 84%
GREYS RIVER Blind Bull Sum Cottonwood Creek Spring Creek Divide Triple Peak Willow Creek Basin Index # of sites SALT RIVER Cottonwood Creek Salt River Summit Willow Creek Basin Index # of sites SNAKE RIVER BASIN Afton Alta 1 NW Base Camp Bedford 3 SE	SNOTEL SN	(ft) 8850 7670 9000 8500 8500 8580 Elevation (ft) 7670 7760 8380 Elevation (ft) 6210 6430 7030 6430	(in) 3.9 5.7 4.9 6.2 6.9 Current (in) 5.7 4.2 6.9 Current (in) 2.11 3.05 3.5	Average (in) 2.8 4.1 3.6 4.2 5.4 Average (in) 4.1 2.6 5.4 Average (in) 1.4 1.91 3 1.68	% Average 139% 138% 148% 128% 137% 5 % Average 139% 128% 139% 3 4 Average 151% 160% 117%	(in) 1.3 2 1.9 2.2 2.2 Last Year (in) 2 2.2 Last Year (in) 0.62 0.58 1.2 1.01	Last Year % Avg 48% 53% 41% 45% 41% 45% 40% 41% 45% 33 Last Year % Avg 49% 40% 41% 30% 40% 60%	(in) 18.5 25.5 23.3 28.9 31.6 Current (in) 25.5 15.3 31.6 Current (in) 7.49 13.55 19.8	(in) 18.8 23.7 22.9 24.4 32.2 Average (in) 23.7 16 32.2 Average (in) 8.25 12.74 20.2 11.19	% Average 88% 108% 102% 110% 98% 401% 5 Average 108% 98% 08% 101% 3 Average 91% 98%	(in) 15.7 24.1 22.9 24.6 26.4 Last Year (in) 24.1 12.9 26.4 Last Year (in) 5.77 9.44 16.9 10.78	Last Year % Avg 84% 102% 101% 101% 82% 88% 3 Last Year % Avg 77% 84% 84% 84% 84% 84%
GREYS RIVER Blind Bull Sum Cottonwood Creek Spring Creek Divide Triple Peak Willow Creek Basin Index # of sites SALT RIVER Cottonwood Creek Salt River Summit Willow Creek Basin Index # of sites SNAKE RIVER BASIN Afton Alta 1 NW Base Camp Bedford 3 SE Black Bear	SNOTEL COOP SNOTEL COOP SNOTEL	(ft) 8650 7670 9000 8500 8500 8380 Elevation (ft) 7670 7780 8380 Elevation (ft) 6210 6430 7030 6430 8170	(in) 3.9 5.7 4.9 6.2 6.9 Current (in) 5.7 4.2 6.9 Current (in) 2.111 3.05 3.5	Average (in) Average (in) Average (in) 1.44 Average (in) 1.45 Average (in) 5.4	% Average 139% 1399 1399 1489 1289 1379 5 Average 1399 1629 1299 1799 4 Average 15197 1179 12496	(in) 1.3 2 1.9 2.2 2.2 Last Year (in) 2 1.2 2.2 Last Year (in) 0.62 0.58 1.2 1.01 1.7	Last Year % Avg 46% 49% 52% 41% 45% 49% 41% 45% 3 3 Last Year % Avg 49% 40% 60% 29%	(in) 16.5 25.5 23.3 26.9 31.6 Current (in) 25.5 15.3 31.6 Current (in) 7.49 13.55 19.8	(in) 18.8 23.7 22.9 24.4 32.2 Average (in) 23.7 18 32.2 Average (in) 8.25 12.74 20.2 11.19 38.8	% Average 88% 108% 109% 110% 98% 101% 5 % Average 108% 98% 101% 3 % Average 91% 108% 98%	(in) 15.7 24.1 22.9 24.6 26.4 Last Year (in) 24.1 12.9 26.4 Last Year (in) 5.77 9.44 16.9 10.76 25.1	Last Year % Avg 84% 100% 1011% 82% 5 5 Last Year % Avg 102% 82% 88% 3 Last Year % Avg 70% 74% 84% 84% 96% 69% 69%
GREYS RIVER Blind Bull Sum Cottonwood Creek Spring Creek Divide Triple Peak Willow Creek Basin Index # of sites SALT RIVER Cottonwood Creek Salt River Summit Willow Creek Basin Index # of sites SNAKE RIVER BASIN Afton Alta 1 NW Base Camp Bedford 3 SE Black Bear Blind Bull Sum	NOTEL SNOTEL SNOTEL SNOTEL SNOTEL SNOTEL SNOTEL SNOTEL SNOTEL SNOTEL COOP SNOTEL COOP SNOTEL SNOTEL SNOTEL SNOTEL SNOTEL	(ft) 8850 7670 9000 8500 8500 8580 Elevation (ft) 7670 7760 8380 Elevation (ft) 6210 6430 8170 9850	(in) 3.9 5.7 4.9 6.2 6.9 Current (in) 5.7 4.2 6.9 Current (in) 2.11 3.05 3.5 7.2 3.9	Average (in) 4.1 Average (in) 4.1 2.6 5.4 Average (in) 1.4 1.91 1.68 5.8 2.8	% Average 139% 138% 148% 128% 137% 5 % Average 139% 128% 128% 139% 3 % Average 151% 160% 117% 124% 139%	(in) 1.3 2 1.9 1.9 2.2 2.2 2.2 Last Year (in) 2 1.2 2.2 Last Year (in) 0.62 0.58 1.2 1.01 1.7 1.3	Last Year % Avg 48% 52% 41% 55% 48% 5 Last Year % Avg 46% 45% 3 Last Year % Avg 49% 60% 60% 60% 60% 49%	(in) 16.5 25.5 23.3 26.9 31.6 Current (in) 25.5 15.3 31.6 Current (in) 7.49 13.55 19.8 33.7 10.5	(in) 18.8 23.7 22.9 24.4 32.2 Average (in) 23.7 16 32.2 Average (in) 8.25 12.74 20.2 11.19 36.6 18.8	% Average 88% 108% 102% 110% 98% 401% 5 % Average 108% 90% 404 Average 91% 101% 3 % 404 408 408 408 408 408 408 408 408 408	(in) 15.7 24.1 22.9 24.6 26.4 Last Year (in) 24.1 12.9 26.4 Last Year (in) 5.77 9.44 16.9 10.76 25.1	Last Year % Avg 84% 102% 100% 101% 82% 88% 3 Last Year % Avg 70% 74% 86% 96% 96% 84%
GREYS RIVER Blind Bull Sum Cottonwood Creek Spring Creek Divide Triple Peak Willow Creek Basin Index # of sites SALT RIVER Cottonwood Creek Salt River Summit Willow Creek Basin Index # of sites SNAKE RIVER BASIN Afton Alta 1 NW Base Camp Bedford 3 SE Black Bear Blind Bull Sum Bondurant	Notel SNOTEL SNO	(ft) 8850 7670 9000 8500 8380 Elevation (ft) 7670 7760 8380 Elevation (ft) 6430 7030 8170 8650 6620	(in) 3.9 5.7 4.9 6.2 6.9 Current (in) 2.11 3.05 3.5 7.2 3.9 2.11	Average (in) 4.1 2.8 4.1.1 3.6 4.2 5.4 Average (in) 4.1 2.6 5.4 Average (in) 1.4 1.91 3.8 1.88 2.8 1.41	% Average 139% 138% 138% 138% 128% 6 Average 139% 128% 128% 139% 149% 150%	(in) 1.3 2 1.9 2.2 2.2 Last Year (in) 2 1.2 2.2 Last Year (in) 0.62 0.58 1.2 1.01 1.7 1.3 0.6	Last Year % Avg 40% 53% 52% 41% 45% 33 Last Year % Avg 45% 30% 60% 20% 60% 20% 43%	(in) 10.5 25.5 23.3 26.9 31.6 Current (in) 25.5 15.3 31.6 Current (in) 7.49 13.55 19.8	Average (in) 8.25 12.74 20.2 11.19 38.6 18.8 10.67	% Average 88% 108% 102% 110% 5 101% 5 Average 108% 98% 101% 3 % Average 91% 106% 98% 88% 98%	(in) 15.7 24.1 22.9 24.6 26.4 Last Year (in) 24.1 12.9 26.4 Last Year (in) 5.77 9.44 16.9 10.76 25.1 15.7 9.96	Last Year % Avg 94% 101% 101% 101% 22% 33% 5 Last Year % Avg 102% Avg 102% 40% 40% 40% 60% 84% 60% 84% 93%
GREYS RIVER Blind Bull Sum Cottonwood Creek Spring Creek Divide Triple Peak Willow Creek Basin Index # of sites SALT RIVER Cottonwood Creek Salt River Summit Willow Creek Basin Index # of sites SNAKE RIVER BASIN Afton Alta 1 NW Base Camp Bedford 3 SE Black Bear Blind Bull Sum Bondurant Cottonwood Creek Cottonwood Creek	NOTEL SNOTEL COOP SNOTEL	(ft) 8650 7670 9000 8500 8500 8580 Elevation (ft) 7670 7780 8380 Elevation (ft) 6210 6430 6430 6430 6430 6430 6430 6430 643	(in) 3.9 5.7 4.9 6.2 6.9 Current (in) 5.7 4.2 6.9 Current (in) 2.11 3.05 3.5 7.2 3.9 2.11 5.7	Average (in) 4.1 Average (in) 4.1 Average (in) 1.4 1.91 1.8 5.8 2.8 1.41 4.1	% Average 139% 139% 139% 136% 1489% 1289% 137% 5 Average 139% 139% 3 Average 1519% 160% 1179% 1399%	(in) 1.3 2 1.9 2.2 2.2 2.2 Last Year (in) 2 1.2 2.2 Last Year (in) 0.62 0.62 0.62 1.01 1.77 1.3 0.6 2	Last Year % Avg 40% 45% 41% 45% Avg 49% 45% 33 Last Year % Avg 44% 30% 60% 29% 46% 46% 45% 43% 49% 49% 49% 49% 49% 49% 49% 49% 49% 49	(in) 16.5 25.5 23.3 26.99 31.6 Current (in) 25.5 15.3 31.6 Current (in) 7.49 13.56 19.8 33.7 16.5 9.98	(in) 18.8 23.7 22.9 24.4 32.2 Average (in) 23.7 8.25 12.74 20.2 11.19 36.6 18.8 10.67 23.7	% Average 88% 108% 110% 98% 1110% 5 % Average 108% 98% 101% % Average 91% 108% 98% 404% 98%	(in) 15.7 24.1 22.9 24.6 26.4 Last Year (in) 24.1 12.9 20.4 Last Year (in) 5.77 9.44 16.9 10.76 25.1 15.7 9.96 24.1	Last Year % Avg 84% 102% 5100% 1011% 52% 53% 5 Last Year % Avg 102% 88% 3 Last Year % Avg 90% 64% 96% 84% 96% 84% 93% 102%
GREYS RIVER Blind Bull Sum Cottonwood Creek Spring Creek Divide Triple Peak Willow Creek Basin Index # of sites SALT RIVER Cottonwood Creek Salt River Summit Willow Creek Basin Index # of sites SNAKE RIVER BASIN Afton Alta 1 NW Base Camp Bedford 3 SE Black Bear Blind Bull Sum Bondurant	SNOTEL COOP SNOTEL SNOTEL COOP	(ft) 8850 7670 9000 8500 8380 Elevation (ft) 7670 7760 8380 Elevation (ft) 6430 7030 8170 8650 6620	(in) 3.9 5.7 4.9 6.2 6.9 Current (in) 2.11 3.05 3.5 7.2 3.9 2.11	(in) 2.8.8 4.1.1 3.8.4 4.2.5 4.4 Average (in) 4.1.1 2.6 5.4 Average (in) 1.4.1 1.91 3.8.8 5.8.8 1.41 4.1.1 1.22	% Average 139% 138% 138% 138% 128% 6 Average 139% 128% 128% 139% 149% 150%	(in) 1.3 2 1.9 2.2 2.2 Last Year (in) 2 1.2 2.2 Last Year (in) 0.62 0.58 1.2 1.01 1.7 1.3 0.6	Last Year % Avg 40% 53% 52% 41% 45% 33 Last Year % Avg 45% 30% 60% 20% 60% 20% 43%	(in) 16.5 25.5 23.3 26.9 31.6 Current (in) 25.5 15.3 31.6 Current (in) 7.49 13.55 19.8 33.7 16.5 9.98 25.5 6.39	Average (in) Average (in) 23.7 24.4 32.2 Average (in) 23.7 10 32.2 Average (in) 8.25 12.74 20.2 11.19 30.0 18.88 10.67 23.7 6.911	% Average 88% 108% 102% 110% 5 101% 5 Average 108% 98% 101% 3 % Average 91% 106% 98% 88% 98%	(in) 15.7 24.1 22.9 24.6 26.4 Last Year (in) 24.1 12.9 26.4 Last Year (in) 5.77 9.44 16.9 10.76 25.1 15.7 9.96 24.1	Last Year % Avg 94% 101% 101% 101% 22% 33% 5 Last Year % Avg 102% Avg 102% 40% 40% 40% 60% 84% 60% 84% 93%
GREYS RIVER Blind Bull Sum Cottonwood Creek Spring Creek Divide Triple Peak Willow Creek Basin Index # of sites SALT RIVER Cottonwood Creek Salt River Summit Willow Creek Basin Index # of sites SNAKE RIVER BASIN Afton Alta 1 NW Base Camp Beefford 3 SE Black Bear Blind Bull Sum Bondurant Cottonwood Creek Darwin Ranch	NOTEL SNOTEL COOP SNOTEL	(ft) 88550 7670 9000 8500 8380 Elevation (ft) 7670 7760 8380 Elevation (ft) 6210 6430 7630 8650 6620 7670 8160	(in) 3.9 5.7 4.9 6.2 6.9 Current (in) 5.7 4.2 6.9 Current (in) 2.11 3.05 3.5 7.2 3.9 2.11 5.7 1.38	Average (in) 4.1 Average (in) 4.1 Average (in) 1.4 1.91 1.8 5.8 2.8 1.41 4.1	% Average 139% 139% 136% 148% 137% 5 % Average 139% 128% 139% 128% 139% 128% 139% 110% 110%	(in) 1.3 2 1.9 2.2 2.2 Last Year (in) 2 1.2 2.2 Last Year (in) 0.62 0.58 1.2 1.01 1.7 1.3 0.6 2 0.21	Last Year % Avg 49% 53% 52% 41% 48% 5 Last Year % Avg 49% 40% 45% 3 Last Year % Avg 49% 43% 49% 49% 49% 17% 60% 17%	(in) 16.5 25.5 23.3 26.99 31.6 Current (in) 25.5 15.3 31.6 Current (in) 7.49 13.56 19.8 33.7 16.5 9.98	(in) 18.8 23.7 22.9 24.4 32.2 Average (in) 23.7 8.25 12.74 20.2 11.19 36.6 18.8 10.67 23.7	% Average 88% 108% 102% 110% 5 101% 5 Average 108% 90% 98% 401% 3 Average 91% 98% 98% 98% 98% 98% 98% 98%	(in) 15.7 24.1 22.9 24.6 26.4 Last Year (in) 24.1 12.9 20.4 Last Year (in) 5.77 9.44 16.9 10.76 25.1 15.7 9.96 24.1	Last Year % Avg 84% 102% 101% 25% 53% 55 Last Year % Avg 70% 70% 70% 74% 84% 96% 96% 84% 93% 102% 82% 85% 96% 84% 93% 102% 82%
GREYS RIVER Blind Bull Sum Cottonwood Creek Spring Creek Divide Triple Peak Willow Creek Basin Index # of sites SALT RIVER Cottonwood Creek Salt River Summit Willow Creek Basin Index # of sites SNAKE RIVER BASIN Afton Alta 1 NW Base Camp Bedford 3 SE Black Bear Blind Bull Sum Bondurant Cottonwood Creek Darwin Ranch East Rim Divide Grand Targhee Grante Creek	Network Network Network Network Notel N	(ft) 8850 7670 9000 8500 8380 Elevation (ft) 7670 7760 8380 Elevation (ft) 6210 6430 7030 8170 8850 6620 7670 8160 7930 9280 9280 6770	(in) 3.9 5.7 4.9 6.2 6.9 Current (in) 5.7 4.2 6.9 Current (in) 2.11 3.05 3.5 7.2 3.9 2.11 5.7 1.38 2.4 6.1 2.3	(in) 2.8. 4.1. 3.8. 4.2. 5.4 Average (in) 4.1. 2.6. 5.4 Average (in) 1.4. 1.91 1.88 2.8. 1.41 4.1. 2.2. 2.6. 2.6. 2.6.	% Average 139% 139% 139% 148% 128% 137% 5 Average 1399% 162% 128% 179% 139% 150% 117% 144% 139% 139% 139% 141% 133% 888%	(in) 1.3 2 1.9 2.2 2.2 Last Year (in) 2.2.2 Last Year (in) 0.62 0.58 1.2 1.01 1.7 1.3 0.6 2 0.21 0.7 1.9 0.88	Last Year % Avg 40% 53% 52% 41% 48% 55 Last Year % Avg 40% 40% 40% 40% 40% 40% 17% 40% 40% 17% 41% 31%	(in) 16.5 25.5 23.3 26.9 31.6 Current (in) 25.5 15.3 31.6 Current (in) 7.49 13.55 19.8 33.7 16.5 6.39 10.8 29.9 10.8	Average (in) Average (in) 8.25 Average (in) 8.25 12.74 20.2 11.19 36.6 18.8 10.67 23.7 6.91 11.3 29.4	% Average 88% 108% 102% 110% 68% 88% 401% 89% 89% 101% 3 % Average 91% 98% 98% 98% 98% 98% 98% 98% 98% 98% 98	(in) 15.7 24.1 22.9 24.6 26.4 Last Year (in) 24.1 12.9 26.4 Last Year (in) 5.77 9.44 16.9 25.1 15.7 9.96 24.1 15.64 10.8 27.8	Last Year % Avg 94% 101% 101% 101% 105% 101% 105% 105% 105
GREYS RIVER Blind Bull Sum Cottonwood Creek Spring Creek Divide Triple Peak Willow Creek Basin Index # of sites SALT RIVER Cottonwood Creek Salt River Summit Willow Creek Basin Index # of sites SNAKE RIVER BASIN Afton Alta 1 NW Base Camp Bedford 3 SE Black Bear Blind Bull Sum Bondurant Cottonwood Creek Darwin Ranch East Rim Divide Grand Targhee Gransey Lake	Network Network Notel SNOTEL	(ft) 8650 7670 9000 8500 8500 8580 Elevation (ft) 7670 7760 8380 Elevation (ft) 6210 6430 6430 6430 6430 6430 6430 6700 8160 7930 9260 6770 8760 77265	(in) 3.9 5.7 4.9 6.22 6.9 Current (in) 5.7 4.2 6.9 Current (in) 2.11 3.05 7.2 3.9 2.11 5.7 1.38 2.4 6.1 2.3 6.3	(in) 2.8 4.1 3.6 4.2 5.4 4.2 5.4 4.2 6.4 4.2 6.4 4.1 4.1 4.1 4.1 4.1 4.1 4.1 4.1 4.1 4	% Average 139% 139% 139% 139% 148% 128% 137% 5 Average 139% 139% 139% 139% 139% 139% 117% 150% 1179% 139% 139% 139% 139% 139% 124% 139% 139% 124% 139% 124% 139% 124% 139% 124% 139% 124% 139% 124% 139% 124% 139% 124% 139% 124% 139% 124% 139% 124% 139% 124% 139% 124% 139% 124% 124% 124% 124% 124% 124% 124% 124	(in) 1.3 2 1.9 2.2 2.2 2.2 Last Year (in) 2 1.2 2.2 2.2 Last Year (in) 0.62 0.58 1.2 1.01 1.7 1.3 0.6 2 0.21 0.7 1.9 0.82	Last Year % Avg 40% 49% 45% 41% 45% 30% 40% 45% 45% 30% 45% 45% 45% 45% 45% 45% 45% 45% 45% 45	(in) 16.5 25.5 23.3 26.9 31.6 Current (in) 25.5 15.3 31.6 Current (in) 7.49 13.55 9.98 25.5 6.39 10.88 29.9 10.89 34.8	(in) 18.8 23.7 22.9 24.4 32.2 Average (in) 23.7 6.91 11.3 29.4 19.1 34.6	% Average 88% 108% 101% 5 108% Average 108% 98% 4011% 3 3 % Average 91% 106% 98% 94% 101% 98% 98% 94% 108% 98% 102% 88% 102% 101% 102% 102% 102% 102% 102% 102	(in) 15.7 24.1 22.9 24.6 26.4 Last Year (in) 24.1 12.9 26.4 Last Year (in) 5.77 9.44 16.9 10.76 25.1 15.7 9.96 24.1 10.86 27.6 10.84 20.6	Last Year % Avg 84% 102% 55 88% 88% 69% 69% 69% 69% 69% 69% 69% 69% 69% 69
GREYS RIVER Blind Bull Sum Cottonwood Creek Spring Creek Divide Triple Peak Willow Creek Basin Index # of sites SALT RIVER Cottonwood Creek Salt River Summit Willow Creek Basin Index # of sites SNAKE RIVER BASIN Afton Alta 1 NW Base Camp Bedford 3 SE Black Bear Blind Bull Sum Bondurant Cottonwood Creek Darwin Ranch East Rim Divide Grand Targhee Grandie Creek Gransy Lake Gross Ventre Summit	NOTEL SNOTEL SNO	(ft) 88550 76770 9000 8500 8380 Elevation (ft) 7670 7760 8380 Elevation (ft) 6210 6430 7630 6430 8170 88550 8620 76770 7265 8750	(in) 3.9 5.7 4.9 6.2 6.2 6.9 Current (in) 5.7 4.2 6.9 Current (in) 2.11 3.05 3.5 7.2 3.9 2.11 1.38 2.4 6.1 2.3 6.3 6.3 6.3	(in) 2.8. 4.1. 3.0. 4.2. 5.4 Average (in) 4.1. 2.0. 5.4 Average (in) 1.4 1.9 1.4 1.9 1.8 5.8 5.8 1.4 4.1 4.1 1.2 2.0 5.2 2.3	% Average 139% 139% 139% 148% 137% 5 % Average 139% 128% 139% 128% 139% 139% 110% 1113% 139% 129% 1139% 1139% 1139% 1139%	(in) 1.3 2 1.9 2.2 2.2 2.2 Last Year (in) 2 1.2 2.2 Last Year (in) 0.62 0.58 1.2 1.01 1.7 1.3 0.6 0.6 0.7 1.9 0.8 1.7 0.7 1.9 0.8	Last Year % Avg 46% 45% 45% 45% 45% 45% 46% 41% 46% 44% 46% 44% 46% 46% 46% 46% 46% 46	(in) 16.5 25.5 23.3 26.9 31.6 Current (in) 25.5 15.3 31.6 Current (in) 7.49 13.55 19.88 33.7 10.5 9.98 25.5 6.39 10.8 29.99 16.9 34.8 10.8	(in) 18.8 23.7 22.9 24.4 32.2 Average (in) 23.7 16 32.2 Average (in) 8.25 12.74 20.2 11.19 36.6 18.8 10.67 23.7 6.91 11.3 29.4 19.1 34.6 12.4	% Average 88% 108% 98% 98% 98% 98% 98% 98% 98% 98% 98% 9	(in) 15.7 24.1 22.9 24.6 26.4 Last Year (in) 24.1 12.9 26.4 Last Year (in) 5.77 9.44 16.9 10.76 25.1 15.7 9.96 24.1 15.64 10.6 27.6 16.4 26.6	Last Year % Avg 84% 102% 101% 82% 88% 33 Last Year % Avg 70% 96% 96% 96% 96% 96% 96% 96% 96% 96% 96
GREYS RIVER Blind Bull Sum Cottonwood Creek Spring Creek Divide Triple Peak Willow Creek Basin Index # of sites SALT RIVER Cottonwood Creek Salt River Summit Willow Creek Basin Index # of sites SNAKE RIVER BASIN Afton Alta 1 NW Base Camp Bedford 3 SE Black Bear Blind Bull Sum Bondurant Cottonwood Creek Darwin Ranch East Rim Divide Grand Targhee Grante Creek Grassy Lake Gross Ventre Summit Gunsight Pass	Network Network Network Notel SNOTEL	(ft) 8650 7670 9000 8500 8500 8500 8380 Elevation (ft) 7670 7760 8380 Elevation (ft) 6210 6430 7030 6430 7030 6430 7030 6430 7030 6430 6770 8760 8760 8760 8760 8760 8760 876	(in) 3.9 5.7 4.9 6.2 6.9 Current (in) 5.7 4.2 6.9 Current (in) 2.11 3.06 3.5 7.2 3.9 2.11 5.7 1.38 2.4 6.1 2.3 6.3 2.6 3.3	(in) 2.8 4.1 3.0 4.1 3.0 4.2 5.4 Average (in) 4.1 2.0 5.4 Average (in) 1.4 1.9 1.9 1.8 2.8 1.1 2.2 1.7 4.0 2.8 2.3 2.3 2.3	% Average 139% 138% 138% 138% 128% 128% 128% 162% 162% 162% 139% 162% 139% 160% 117% 124% 139% 139% 1139% 141% 133% 888% 121% 113%	(in) 1.3 2 1.9 2.2 2.2 2.2 Last Year (in) 2 1.2 2.2 Last Year (in) 0.62 0.58 1.2 1.01 1.7 1.3 0.6 2 0.21 0.7 1.9 0.88 1.7 0.7 1.9 1.8	Last Year % Avg 49% 52% 41% 45% 33 Last Year % Avg 45% 40% 41% 45% 30% 49% 49% 41% 45% 33% 49% 49% 43% 49% 43% 43% 43% 43%	(in) 16.5 25.5 23.3 26.9 31.6 Current (in) 25.5 25.3 31.6 Current (in) 7.49 13.55 19.8 33.7 16.5 9.98 25.5 6.39 10.8 29.9 34.8 10.8 14.3	(in) 18.8 23.7 22.9 24.4 32.2 Average (in) 23.7 18.8 2.2 Average (in) 8.25 12.74 20.2 11.19 36.6 18.8 10.67 23.7 6.91 11.3 29.4 19.1 34.6 12.4 13.2	% Average 88% 108% 102% 110% 98% 101% 5 Average 108% 98% 101% 3 % Average 91% 106% 98% 108% 98% 109% 109% 109% 109% 109% 109% 109% 109	(in) 15.7 24.1 22.9 24.6 26.4 Last Year (in) 26.4 Last Year (in) 5.77 9.44 16.9 25.1 15.7 9.96 24.1 5.04 10.6 27.6 10.4 26.6 9.2 11.8	Last Year % Avg 102% 101% 101% 25% 53% 5 Last Year % Avg 102% 81% 82% 60% 84% 96% 96% 94% 94% 94% 94% 94% 94% 98% 77% 74% 98%
GREYS RIVER Blind Bull Sum Cottonwood Creek Spring Creek Divide Triple Peak Willow Creek Basin Index # of sites SALT RIVER Cottonwood Creek Salt River Summit Willow Creek Basin Index # of sites SNAKE RIVER BASIN Afton Alta 1 NW Base Camp Bedford 3 SE Black Bear Blind Bull Sum Bondurant Cottonwood Creek Darwin Ranch East Rim Divide Grand Targhee Grand Targhee Gransy Lake Gros Ventre Summit Gunsight Pass Jackson	Network Network Notel SNOTEL	(ft) 8850 7670 9000 8500 8500 8580 Elevation (ft) 7670 7760 8380 Elevation (ft) 6210 6430 8170 9850 6620 7930 6430 8170 8160 7930 6770 8160 7930 6770 8160 7930 6770 8160 67930 6770 8160 67930 6770 8160 67930 6770 8160 67930 67930 67930 67930 67930 67930 67930 67930 67930 67930 67930 67930 67930	(in) 3.9 5.7 4.9 6.22 6.9 6.22 6.9 Current (in) 5.7 4.2 6.9 Current (in) 2.11 3.05 3.5 7.2 3.9 2.11 5.7 1.38 2.4 6.1 2.3 6.3 2.6 3.3 2.6 3.3 2.23	(in) 2.8 4.1. 3.0. 4.2. 5.4 Average (in) 4.1. 2.0. 5.4 Average (in) 1.4 1.91 1.2 1.7 4.0 2.0 2.0 2.3 2.3 1.24	% Average 139% 139% 139% 136% 148% 137% 5 % Average 139% 139% 139% 139% 1139% 117% 117% 1139%	(in) 1.3 2 1.9 2.2 2.2 2.2 Last Year (in) 2 1.2 2 2.2 Last Year (in) 0.62 0.58 1.2 1.01 1.7 1.3 0.6 2 0.21 0.7 1.9 0.8 1.7 0.7 1.9 0.8	Last Year % Avg 46% 45% 55% 441% 46% 45% 30% 40% 45% 333% 30% 43% 40% 40% 45% 45% 45% 45% 45% 45% 45% 45% 45% 45	(in) 16.5 25.5 23.3 26.99 31.6 Current (in) 25.5 15.3 31.6 Current (in) 7.49 13.55 19.88 25.5 6.39 10.8 20.99 10.8 14.3 8.1	(in) 18.8 23.7 22.9 24.4 32.2 24.4 32.2 24.1 32.2 Average (in) 8.25 12.74 20.2 11.19 36.6 18.8 10.67 23.7 6.91 11.3 29.4 19.1 34.6 12.4 13.2 7.88	% Average 88% 102% 102% 105% 105% 105% 105% 105% 105% 105% 105	(in) 15.7 24.1 22.9 24.6 28.4 28.4 Last Year (in) 24.1 12.9 28.4 Last Year (in) 5.77 9.44 18.9 10.76 25.1 15.7 9.96 24.1 16.9 24.1 18.9 26.4 18.6 27.6 18.4 28.6 8.9 11.8	Last Year % Avg 84% 102% 1101% 125% 125% 125% 125% 125% 125% 125% 12
GREYS RIVER Bind Bull Sum Cottonwood Creek Spring Creek Divide Triple Peak Willow Creek Basin Index # of sites SALT RIVER Cottonwood Creek Salt River Summit Willow Creek Basin Index # of sites SNAKE RIVER BASIN Afton Aft 1 NW Base Camp Bedford 3 SE Black Bear Blind Bull Sum Bondurant Cottonwood Creek Darwin Ranch East Rim Divide Grand Targhee Grante Creek Grassy Lake Gros Ventre Summit Gunsight Pass Jackson Lewis Lake Divide	Network Network Network Network Notel N	(ft) 8850 7670 9000 8500 8580 Elevation (ft) 7670 7760 8380 Elevation (ft) 6210 6430 7030 6430 8170 8850 6620 7670 7265 8750 9820 6230 6230 6230 6230 6270 7265	(in) 3.9 5.7 4.9 6.2 6.9 Current (in) 5.7 4.2 6.9 Current (in) 2.11 3.05 3.5 7.2 3.9 2.11 5.7 1.38 2.4 6.1 2.3 6.3 2.6 3.3 2.23 5.9	(in) 2.8. 4.1. 3.8. 4.2. 5.4 Average (in) 4.1. 2.0. 5.4 Average (in) 1.4 1.99 3 1.68 5.8. 1.41 4.1. 2.2. 1.7 4.8. 5.2. 2.3 2.3 1.24 5.3	% Average 139% 139% 139% 148% 137% 5 Average 139% 162% 162% 162% 133% 160% 111%	(in) 1.3 2 1.9 2.2 2.2 Last Year (in) 2.2 2.2 Last Year (in) 0.62 0.58 1.2 1.01 1.7 1.3 0.6 2 0.21 0.7 1.9 0.8 1.7 0.7 1.9 0.8 1.7 0.7 1.9 0.8 1.7 0.7 1.9 0.8 1.7 0.7 1.9 0.8 1.7 0.7 1.9 0.8 1.7 0.7 0.7 1.9 0.8 1.7 0.7 0.7 1.9 0.8 1.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0	Last Year % Avg 49% 52% 41% 45% Avg 49% 45% 33 Last Year % Avg 44% 41% 45% 30% 49% 17% 41% 41% 41% 33% 33% 33% 33% 33% 33% 33% 33% 33% 3	(in) 16.5 25.5 23.3 26.9 31.6 Current (in) 25.5 15.3 31.6 Current (in) 7.49 13.55 19.8 33.7 16.5 6.39 10.8 29.9 10.9 34.8 10.8 11.3 8.1	(in) 18.8 23.7 22.9 24.4 32.2 Average (in) 23.7 16 32.2 Average (in) 8.25 12.74 20.2 211.19 36.6 18.88 10.67 23.7 6.911 11.3 29.4 19.1 34.6 12.4 13.2 7.88 34.1	% Average 88% 108% 102% 110% 98% 98% 101% 3 4 Average 108% 98% 98% 98% 101% 98% 98% 98% 98% 98% 98% 98% 98% 98% 98	(in) 15.7 24.1 22.9 24.6 26.4 Last Year (in) 24.1 12.9 26.4 Last Year (in) 5.77 9.44 16.9 10.76 25.1 15.7 9.96 24.1 15.64 27.6 16.4 20.6 9.2 11.8 6.91 25.1	Last Year % Avg 94% 101% 105% 101% 105% 105% 105% 105% 105
GREYS RIVER Bind Bull Sum Cottonwood Creek Spring Creek Divide Triple Peak Willow Creek Basin Index # of sites SALT RIVER Cottonwood Creek Salt River Summit Willow Creek Basin Index # of sites SNAKE RIVER BASIN Afton Afta 1 NW Base Camp Bedford 3 SE Black Bear Blind Bull Sum Bondurant Cottonwood Creek Darwin Ranch East Rim Divide Grand Targhee Grante Creek Grassy Lake Gros Ventre Summit Gunsight Pass Jackson	Network Network Notel SNOTEL	(ft) 8850 7670 9000 8500 8500 8580 Elevation (ft) 7670 7760 8380 Elevation (ft) 6210 6430 8170 9850 6620 7930 6430 8170 8160 7930 6770 8160 7930 6770 8160 7930 6770 8160 67930 6770 8160 67930 6770 8160 67930 6770 8160 67930 67930 67930 67930 67930 67930 67930 67930 67930 67930 67930 67930 67930	(in) 3.9 5.7 4.9 6.22 6.9 6.22 6.9 Current (in) 5.7 4.2 6.9 Current (in) 2.11 3.05 3.5 7.2 3.9 2.11 5.7 1.38 2.4 6.1 2.3 6.3 2.6 3.3 2.6 3.3 2.23	(in) 2.8 4.1. 3.0. 4.2. 5.4 Average (in) 4.1. 2.0. 5.4 Average (in) 1.4 1.91 1.2 1.7 4.0 2.0 2.0 2.3 2.3 1.24	% Average 139% 139% 139% 139% 148% 128% 137% 5 Average 139% 139% 139% 139% 139% 117% 150% 1173% 141% 143% 1413% 1413% 1413% 1418 1413% 1419% 1139% 1141% 1149%	(in) 1.3 2 1.9 2.2 2.2 2.2 Last Year (in) 2 1.2 2 2.2 Last Year (in) 0.62 0.58 1.2 1.01 1.7 1.3 0.6 2 0.21 0.7 1.9 0.8 1.7 0.7 1.9 0.8	Last Year % Avg 46% 45% 55% 441% 46% 45% 30% 40% 45% 333% 30% 43% 40% 40% 45% 45% 45% 45% 45% 45% 45% 45% 45% 45	(in) 16.5 25.5 23.3 26.99 31.6 Current (in) 25.5 15.3 31.6 Current (in) 7.49 13.55 19.88 25.5 6.39 10.8 20.99 10.8 14.3 8.1	(in) 18.8 23.7 22.9 24.4 32.2 24.4 32.2 24.1 32.2 Average (in) 8.25 12.74 20.2 11.19 36.6 18.8 10.67 23.7 6.91 11.3 29.4 19.1 34.6 12.4 13.2 7.88	% Average 88% 102% 102% 105% 105% 105% 105% 105% 105% 105% 105	(in) 15.7 24.1 22.9 24.6 28.4 28.4 Last Year (in) 24.1 12.9 28.4 Last Year (in) 5.77 9.44 18.9 10.76 25.1 15.7 9.96 24.1 16.9 24.1 18.9 26.4 18.6 27.6 18.4 28.6 8.9 11.8	Last Year % Avg 84% 102% 1101% 125% 125% 125% 125% 125% 125% 125% 12

Appendix C In Word double click the object below to view entire document

Report Created: 4/6/2016 8:08:58 AM									
Basinwide Summary: April 1, 2016			Rese	rvoir Stora	ge Summar	y for the end	of March 201	16	
(averages based on 1981-2010 reference period)									
SNAKE RIVER BASIN	Current (KAF)	Last Year (KAF)	Average (KAF)	Capacity (KAF)	Current % Capacity	Last Year % Capacity	Average % Capacity	Current % Average	Last Year % Average
Grassy Lake	13.5		12.3	15.2		86%	81%	110%	107%
Jackson Lake	570.9			847.0	67%	76%	51%	133%	150%
Palisades Reservoir Basin-wide Total	979.1 1563.5	1250.2 1909.6	902.8	1400.0 2262.2	70% 69%	89% 84%	64% 59%	108% 116%	138% 142%
# of reservoirs			3	3	3	3	3	3	3
MADISON-GALLATIN RIVER BASINS	Current (KAF)	Last Year (KAF)	Average (KAF)	Capacity (KAF)	Current % Capacity	Last Year % Capacity	Average % Capacity	Current % Average	Last Year % Average
Ennis Lake	30.7	28.5	29.5	41.0	75%	70%	72%	104%	97%
Hebgen Lake	291.5		270.4	378.8	77%	83%	71%	108%	116%
Basin-wide Total # of reservoirs		342.6 2	299.9 2	419.8 2	77% 2	82% 2	71% 2	107% 2	114% 2
WIND RIVER BASIN	Current (KAF)	Last Year (KAF)	Average (KAF)	Capacity (KAF)	Current % Capacity	Last Year % Capacity	Average % Capacity	Current % Average	Last Year % Average
Bull Lake	70.6		75.4	151.8	47%	69%	50%	94%	139%
Boysen	546.0	619.7	489.0	596.0	92%	104%	82%	112%	127%
Pilot Butte	24.7	22.9	24.8	31.6	78%	73%	78%	100%	92%
Basin-wide Total # of reservoirs			589.2 3	779.4 3	82% 3	96% 3	76% 3	109%	127% 3
# or reservoirs		_			_		_	_	
BIGHORN RIVER BASIN	(KAF)	(KAF)	(KAF)	(KAF)	Capacity	Last Year % Capacity	Capacity	Average	Average
Boysen	546.0	, ,	489.0	596.0	92%	104%	82%	112%	127%
Bighorn Lake	813.4		787.5	1356.0	60%	63%	58%	103%	108%
Basin-wide Total # of reservoirs			1276.5 2	1952.0 2	70% 2	75% 2	65% 2	106% 2	115% 2
SHOSHONE RIVER BASIN	Current (KAF)	Last Year (KAF)	Average (KAF)	Capacity (KAF)	Current %	Last Year % Capacity	Average % Capacity	Current % Average	Last Year % Average
Buffalo Bill	432.7	478.2	348.9	646.6	67%	74%	54%	124%	137%
Basin-wide Total		478.2		646.6	67%	74%	54%	124%	137%
# of reservoirs	1	1	1	1	1	1	1	1	1
TONGUE RIVER BASIN						Last Year %			
	(KAF)	(KAF)	(KAF)	(KAF)	Capacity	Capacity	Capacity	Average	Average
Tongue River Res Basin-wide Total	58.3 58.3		32.3 32.3	79.1 79.1	74% 74%	71% 71%	41% 41%	180% 180%	174% 174%
# of reservoirs			1	1	1	1	1	1	1
BELLE FOURCHE RIVER BASIN						Last Year %			
	(KAF)	(KAF)	(KAF)	(KAF)	Capacity	Capacity	Capacity	Average	Average
Belle Fourche	148.7 168.2	155.8	133.5 96.8	178.4	83% 87%	87% 90%	75% 50%	111%	117% 179%
Keyhole Shadehill	168.2 51.5		96.8 59.0	193.8 81.4	87% 63%	90% 75%	50% 72%	174% 87%	1/9% 104%
Basin-wide Total			289.3	453.6	81%	86%	64%	127%	135%
# of reservoirs	3	_	3	3	_		_	3	3
CHEYENNE RIVER BASIN	(KAF)	(KAF)	(KAF)	(KAF)	Capacity	Last Year % Capacity	Capacity	Average	Average
Angostura	111.2		94.3	122.1	91%	89%	77%	118%	115% 109%
Deerfield PactoLa	14.2 54.0		14.1 48.4	15.2 55.0	93% 98%	102% 95%	93% 84%	100% 116%	109% 112%
Basin-wide Total				192.3	93%	92%		116%	114%
# of reservoirs									
UPPER NORTH PLATTE RIVER BASIN	Current (KAF)	Last Year (KAF)	Average (KAF)	Capacity (KAF)	Current % Capacity	Last Year % Capacity	Average % Capacity		Last Year % Average
Seminoe	707.0			1016.7	70%	73%	47%	147%	154%
Basin-wide Total # of reservoirs					70% 1	73% 1		147% 1	154% 1
SWEETWATER RIVER BASIN	Current (KAF)	Last Year (KAF)	Average (KAF)	Capacity (KAF)	Current % Capacity	Last Year % Capacity	Average % Capacity		Last Year % Average
Pathfinder	865.1	687.0				68%	59%	143%	114%
Basin-wide Total # of reservoirs	865.1	687.0	604.6	1016.5		68% 1	59%	143% 1	114% 1

${\bf Appendix} \ {\bf D}$ In Word double click the object below to view entire document

Report Created: 4/6/2016 8:09:31 AM		Streamflow Forecast Summary: April 1, 2016 (averages based on 1981-2010 reference period)						
4/0/2010 6.08.31 AM			, ,		abilities for Ris		nt	1
			30yr Avg					
	Forecast	Chance that actual volume will exceed forecast 90% 70% 50% 30% 10%						
SNAKE RIVER BASIN	Period	(KAF)	(KAF)	(KAF)	% Avg	(KAF)	(KAF)	(KAF)
Snake R nr Moran*		()	V/	V/		, ,	,,	(/
	APR-JUL	590	665	720	94%	770	850	765
	APR-SEP	645	735	795	94%	860	950	845
Snake R ab Reservoir nr	Alpine ²							
	APR-JUL	1670	1860	1980	91%	2110	2290	2170
	APR-SEP	1910	2130	2280	91%	2430	2650	2500
Snake R nr Irwin ²								
	APR-JUL	2330	2660	2880	96%	3110	3440	3010
	APR-SEP	2730	3100	3360	96%	3610	3980	3500
Snake R nr Heise ²								
	APR-JUL	2510	2860	3100	96%	3340	3690	3240
	APR-SEP	2980	3370	3640	96%	3910	4300	3780
Pacific Ck at Moran								
	APR-JUL	107	133	150	91%	168	194	164
	APR-SEP	114	141	159	92%	177	205	173
Buffalo Fk ab Lava Ck nr	Moran							
	APR-JUL	215	245	270	96%	290	325	280
	APR-SEP	235	275	305	95%	330	370	320
Greys R ab Reservoir nr	•							
	APR-JUL	255	285	305	100%	330	360	305
	APR-SEP	295	330	355	99%	385	420	360
Salt R ab Reservoir nr Et								
	APR-JUL	210	265	305	102%	345	400	300
	APR-SEP	265	330	375	101%	420	485	370

^{1) 90%} and 10% exceedance probabilities are actually 95% and 5%

³⁾ Median value used in place of average

		F	Forecast Exceedance Probabilities for Risk Assessment Chance that actual volume will exceed forecast						
MADISON-GALLATIN RIVER BASINS	Forecast Period	90% (KAF)	70% (KAF)	50% (KAF)	% Avg	30% (KAF)	10% (KAF)	30yr Avg (KAF)	
Hebgen Reservoir Inflow									
	APR-JUL	280	310	330	89%	350	380	370	
	APR-SEP	360	395	420	89%	445	480	470	

^{1) 90%} and 10% exceedance probabilities are actually 95% and 5%

³⁾ Median value used in place of average

	[F	Forecast Exceedance Probabilities for Risk Assessment Chance that actual volume will exceed forecast						
YELLOWSTONE RIVER BASIN	Forecast Period	90% (KAF)	70% (KAF)	50% (KAF)	% Avg	30% (KAF)	10% (KAF)	30yr Avg (KAF)	
Yellowstone R at Yellow	stone Lake Out	let							
	APR-JUL	450	505	545	95%	585	640	575	
	APR-SEP	600	675	725	94%	775	850	770	
Yellowstone R at Corwin	n Springs								
	APR-JUL	1250	1420	1530	96%	1640	1810	1590	
	APR-SEP	1450	1660	1800	96%	1940	2150	1880	
Yellowstone R at Livings	ston								
_	APR-JUL	1380	1590	1740	97%	1890	2100	1800	
	APR-SEP	1630	1890	2060	96%	2230	2490	2140	

²⁾ Forecasts are for unimpaired flows. Actual flow will be dependent on management of upstream reservoirs and diversions

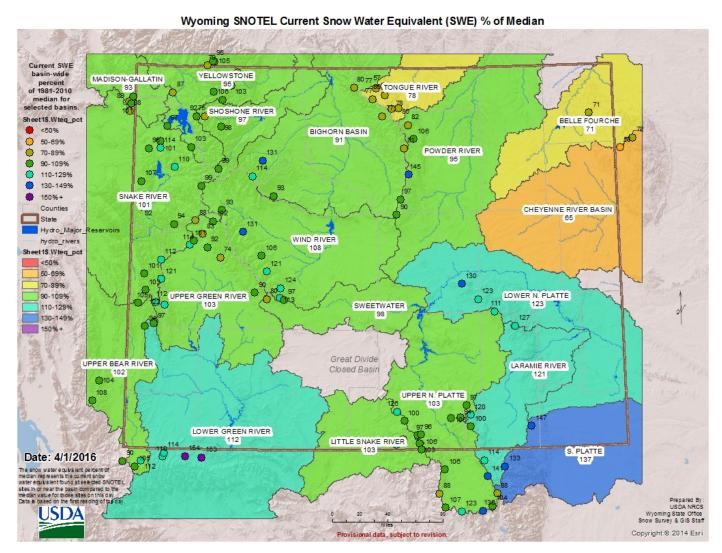
²⁾ Forecasts are for unimpaired flows. Actual flow will be dependent on management of upstream reservoirs and diversions

Issued by Released by

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April 1, 2016 Statewide SWE @ 100% of median



The above map is only for SNOTELS and does not include snow courses. The Outlook Report includes the snow courses.

The Following Agencies and Organizations Cooperate with the Natural 1	Resources
Conservation Service on the Snow Survey Work.	

FEDERAL:
United States Department of the Interior (National Park Service) United States Department of Agriculture
(Forest Service)
United States Department of the Interior (Bureau of Reclamation)
United States Department of Commerce NOAA (National Weather Service)
State:
The Wyoming State Engineer's Office
The University of Wyoming
Local:
The City of Cheyenne
The City of Rawlins



Wyoming Basin Outlook Report Natural Resources Conservation Service Casper, WY





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