

## WATER REPORT – February 5, 2019

Recent snowstorms have increased snow water equivalent (SWE) and precipitation (PRECIP) closer to average values. The Henrys Fork and Upper Snake River Basins are still below average but areas in the Willow/Blackfoot/Portneuf Basins are now above average. The current reservoir system contents are 81% of capacity and zero flow is passing Milner Dam. A comparison of this year and last year's February 5<sup>th</sup> snow water equivalent, precipitation since October 1<sup>st</sup>, and current streamflow and reservoir content is shown below:

	<b>FEBRUARY 5, 2019</b>	<b>FEBRUARY 5, 2018</b>
SWE: Snake River abv Palisades	91%	121%
PRECIP: Snake River abv Palisades	91%	107%
SWE: Henrys Fork/Teton Basins	98%	114%
PRECIP: Henrys Fork/Teton Basins	94%	101%
SWE: Willow/Blackfoot/Portneuf	110%	66%
PRECIP: Willow/Blackfoot/Portneuf	101%	82%
Total reservoir system contents	3,366,800 ac-ft (81%)	3,626,100 ac-ft (87%)
Jackson Reservoir contents	659,800 ac-ft (78%)	658,000 ac-ft (78%)
Snake River near Moran	470 cfs	670 cfs
Palisades Reservoir contents	940,100 ac-ft (78%)	1,153,000 ac-ft (96%)
Snake River near Irwin	880 cfs	3,500 cfs
Henrys Lake contents	84,300 ac-ft (94%)	82,200 ac-ft (91%)
Island Park Reservoir contents	119,900 ac-ft (89%)	118,400 ac-ft (88%)
Henrys Fork near Island Park	560 cfs	500 cfs
Grassy Lake contents	12,800 ac-ft (84%)	13,400 ac-ft (88%)
Ririe Reservoir contents	48,000 ac-ft (60%)	47,200 ac-ft (59%)
Snake River near Blackfoot	2,810 cfs	4,900 cfs
American Falls Reservoir contents	1,395,800 ac-ft (83%)	1,426,000 ac-ft (85%)
Snake River at Neeley	620 cfs	7,300 cfs
Lake Walcott contents	85,700 ac-ft (90%)	93,000 ac-ft (98%)
Lake Milner contents	20,400 ac-ft (55%)	33,400 ac-ft (90%)
Snake River at Milner	0 cfs	7,000 cfs

### CALENDAR

A Committee of Nine Meeting will be held March 4<sup>th</sup> at the Shilo Inn, Idaho Falls, beginning at 2:00 PM.

The Water District #1 Annual Meeting will be held March 5<sup>th</sup> at the Shilo Inn, Idaho Falls, beginning at 9:00 AM.

# USRRS FLOW SCHEMATIC

**HENRYS LAKE**  
Capacity 90010 AF  
Contents 84265 AF 94 %

**ISLAND PARK**  
Capacity 135205 AF  
Contents 119907 AF 89 %

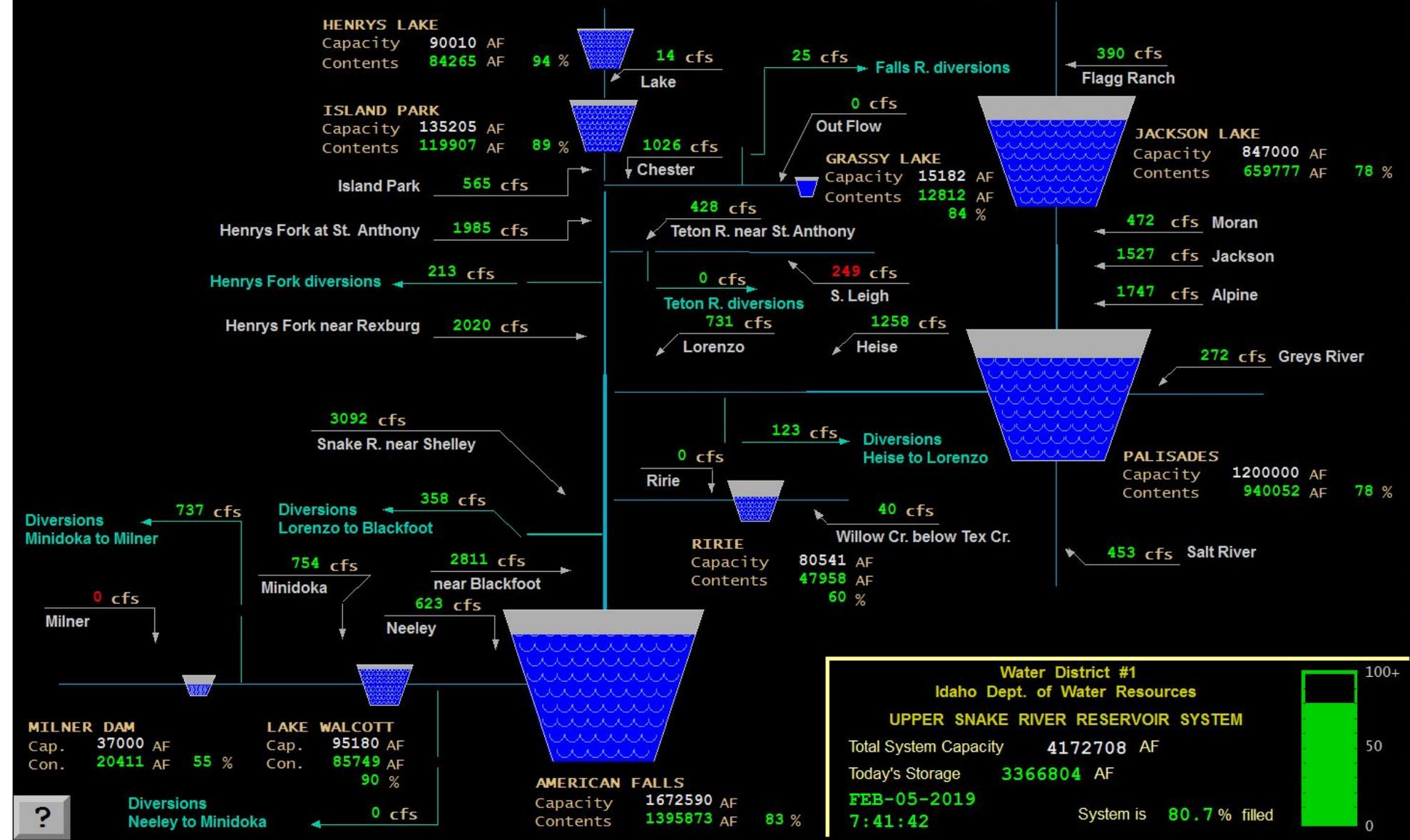
**GRASSY LAKE**  
Capacity 15182 AF  
Contents 12812 AF 84 %

**JACKSON LAKE**  
Capacity 847000 AF  
Contents 659777 AF 78 %

**PALISADES**  
Capacity 1200000 AF  
Contents 940052 AF 78 %

**RIRIE**  
Capacity 80541 AF  
Contents 47958 AF 60 %

**AMERICAN FALLS**  
Capacity 1672590 AF  
Contents 1395873 AF 83 %



Water District #1  
Idaho Dept. of Water Resources

**UPPER SNAKE RIVER RESERVOIR SYSTEM**

Total System Capacity 4172708 AF  
Today's Storage 3366804 AF  
FEB-05-2019 7:41:42  
System is 80.7 % filled

The bar chart shows a green bar representing the current storage level at 80.7% of the total system capacity. The scale ranges from 0 to 100+.



Based on Mountain Data from NRCS SNOTEL Sites

\*\*Provisional data, subject to revision\*\*

Data based on the first reading of the day (typically 00:00) for Tuesday, February 05, 2019

Basin Site Name	Elev (ft)	Snow Water Equivalent			Year-to-Date Precipitation		
		Current (in)	Median (in)	Pct of Median	Current (in)	Average (in)	Pct of Avg
<b>HENRY'S FORK, TETON BASINS</b>							
BLACK BEAR	8170	21.5	23.7	91	22.6	25.5	89
GRAND TARGHEE	9260	28.8	24.1 <sub>R</sub>	120	22.6	21.3 <sub>R</sub>	106
GRASSY LAKE	7265	17.4	21.0	83	21.1	24.6	86
ISLAND PARK	6290	11.3	10.2	111	13.3	12.7	105
LEWIS LAKE DIVIDE	7850	16.9	20.4	83	20.7	23.7	87
PHILLIPS BENCH	8200	15.7	16.1	98	18.7	18.7	100
PINE CREEK PASS	6720	10.9	9.6	114	13.9	14.8	94
WHITE ELEPHANT	7710	16.4	16.4	100	18.0	19.5	92
<b>Basin-wide percent of average</b>		<b>98</b>			<b>94</b>		
<b>SNAKE BASIN ABOVE PALISADES</b>							
BASE CAMP	7030	10.6	11.0	96	12.6	14.4	88
BLIND BULL SUM	8650	12.5	14.5	86	10.5	13.2	80
COTTONWOOD CREEK	7670	13.5	13.6	99	16.2	16.3	99
EAST RIM DIVIDE	7930	6.4	6.9	93	6.8	7.9	86
GRANITE CREEK	6770	10.7	11.0	97	12.4	14.0	89
GRASSY LAKE	7265	17.4	21.0	83	21.1	24.6	86
GROS VENTRE SUMMIT	8750	5.5	8.6	64	6.5	8.4	77
GUNSIGHT PASS	9820	7.6	8.5 <sub>C</sub>	89	9.8	9.2 <sub>C</sub>	107
LEWIS LAKE DIVIDE	7850	16.9	20.4	83	20.7	23.7	87
LOOMIS PARK	8240	9.0	9.8	92	10.3	11.6	89
PHILLIPS BENCH	8200	15.7	16.1	98	18.7	18.7	100
SALT RIVER SUMMIT	7760	8.0	8.2	98	10.1	10.9	93
SNAKE RIVER STATION	6920	10.8	11.4	95	15.4	15.9	97
SPRING CREEK DIVIDE	9000	14.2	15.1	94	15.6	15.9	98
THUMB DIVIDE	7980	8.6	9.6	90	10.5	12.4	85
TOGWOTEE PASS	9580	14.8	15.3	97	15.6	16.2	96
TWO OCEAN PLATEAU	9240	16.9	18.3	92	14.2	17.7	80
WILLOW CREEK	8380	16.2	17.8	91	20.5	22.2	92
<b>Basin-wide percent of average</b>		<b>91</b>			<b>91</b>		
<b>WILLOW, BLACKFOOT, PORTNEUF BASINS</b>							
OXFORD SPRING	6740	-M	7.3	*	11.3	11.4	99
SEDGWICK PEAK	7850	12.6	12.8	98	13.9	14.1	99
SHEEP MTN.	6570	10.2	9.0	113	10.9	11.1	98
SLUG CREEK DIVIDE	7225	10.6	9.2	115	13.2	13.8	96
SOMSEN RANCH	6800	9.6	9.1	105	11.9	11.4	104
WILDHORSE DIVIDE	6490	11.5	9.4	122	14.6	12.9	113
<b>Basin-wide percent of average</b>		<b>110</b>			<b>101</b>		

-M = Missing data.

N/A = Not available.

\* = Analysis may not provide a valid measure of conditions.

C = Conditional, only 10-19 years of data available.

R = Rough, less than 10 years of data available.

Reference period for median and average conditions is 1981-2010.