

WATER REPORT – April 3, 2018

The snowpack reaches its peak snow water content (SWE) at SNOTEL sites approximately the beginning of April. Lower elevation sites may reach their peaks a little earlier. Higher elevation sites reach their peaks a little later. Therefore, the April 1st runoff forecast based on April 1st SWE has historically been a good indicator of the upcoming irrigation year's water supply. The April 1st through July forecast for Heise, coordinated by Reclamation and USACE, is for 3,700 KAF of runoff (114% of average). SNOTEL sites in the Snake River Basin above Palisades are currently at 123% of their median SWE levels for this date. The Henrys Fork/Teton Basins are currently at 115% of their median SWE values. The Willow/Blackfoot/Portneuf Basins are currently at 84% of their median for this date. This indicates most areas, with the exception of the Willow/Blackfoot/Portneuf Basins, are forecasted to have an above average water supply for this upcoming irrigation season assuming we receive near average precipitation over the next few months.

All storage water rights have completely filled their volumes (except for Grassy Lake) due to the high carryover volumes at the end of the 2017 irrigation year. However, the reservoir system is not completely physically full because of the large amount of storage released during the winter and spilled out the end of the system past Milner Dam. Some reservoirs have been releasing water to maintain streamflow below their dams and some reservoirs have been releasing water for flood control purposes. It remains to be seen whether the reservoirs will completely refill their currently empty space by the Day of Allocation following the upcoming peak runoff. A physically full reservoir system will allow a full allocation to all reservoir spaceholders for the upcoming season.

All water right priorities are currently being filled, and are expected to continue to be filled for at least as long as Milner Spill continues.

Canals beginning to divert water for either recharge or irrigation are asked to call the Water District #1 office (208-525-7161) to notify the district when (and how much water) they plan to divert. Many canal gages are still inoperable because of ice or mechanical issues. Communication between the canal managers and Water District #1 is vital until all gages are capable of reporting accurate information.

CALENDAR

The next Committee of Nine Meeting will be held April 19, 2018 at the Pocatello Airport beginning at 10 AM.

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, April 03, 2018

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
HENRY'S FORK, TETON BASINS							
BLACK BEAR	8170	42.9	36.8	117	40.6	37.0	110
GRAND TARGHEE	9260	45.1	37.2 _R	121	28.5	30.0 _R	95
GRASSY LAKE	7265	31.4	31.6	99	34.2	35.0	98
ISLAND PARK	6290	15.4	14.1	109	18.5	17.7	105
LEWIS LAKE DIVIDE	7850	38.6	29.6	130	-M	34.5	*
PHILLIPS BENCH	8200	28.6	24.6	116	28.1	27.4	103
PINE CREEK PASS	6720	14.7	13.7	107	22.3	20.7	108
WHITE ELEPHANT	7710	29.0	25.7	113	29.6	29.0	102
Basin-wide percent of average		115			103		
SNAKE BASIN ABOVE PALISADES							
BASE CAMP	7030	17.9	15.0	119	20.8	20.4	102
BLIND BULL SUM	8650	33.2	22.8	146	19.6	19.0	103
COTTONWOOD CREEK	7670	22.3	21.3	105	25.4	24.0	106
EAST RIM DIVIDE	7930	12.4	10.1	123	12.3	11.4	108
GRANITE CREEK	6770	18.6	14.8	126	21.5	19.2	112
GRASSY LAKE	7265	31.4	31.6	99	34.2	35.0	98
GROS VENTRE SUMMIT	8750	16.4	13.0	126	15.3	12.5	122
GUNSIGHT PASS	9820	17.3	13.5 _C	128	16.4	13.4 _C	122
LEWIS LAKE DIVIDE	7850	38.6	29.6	130	-M	34.5	*
LOOMIS PARK	8240	18.2	14.1	129	18.5	16.8	110
PHILLIPS BENCH	8200	28.6	24.6	116	28.1	27.4	103
SALT RIVER SUMMIT	7760	10.9	13.0	84	12.7	16.2	78
SNAKE RIVER STATION	6920	18.6	15.2	122	23.1	21.8	106
SPRING CREEK DIVIDE	9000	26.4	22.5	117	24.5	23.2	106
THUMB DIVIDE	7980	19.9	14.8	134	19.0	18.0	106
TOGWOTEE PASS	9580	31.9	21.7	147	32.2	23.6	136
TWO OCEAN PLATEAU	9240	37.2	25.7	145	29.0	26.4	110
WILLOW CREEK	8380	33.8	28.1	120	35.0	32.7	107
Basin-wide percent of average		123			107		
WILLOW, BLACKFOOT, PORTNEUF BASINS							
OXFORD SPRING	6740	1.8	7.4	24	13.1	16.9	78
SEDGWICK PEAK	7850	18.5	19.6	94	20.1	21.1	95
SHEEP MTN.	6570	10.2	11.5	89	14.4	16.1	89
SLUG CREEK DIVIDE	7225	14.7	13.9	106	20.2	20.3	100
SOMSEN RANCH	6800	11.1	11.6	96	17.0	16.1	106
WILDHORSE DIVIDE	6490	10.8	16.3	66	18.1	19.1	95
Basin-wide percent of average		84			94		

-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.

WATER DISTRICT 01 - WEEKLY WATER REPORT 04/03/2018

Reach Name	DIVERSION DATA PRIORITY DATES	Projected Priority Dates For Actual Date 04/04/2018
SNAKE ABV LORENZO	2/11/2015	2/11/2015
HENRYS FORK	2/11/2015	2/11/2015
FALLS RIVER	2/11/2015	2/11/2015
TETON RIVER	2/11/2015	2/11/2015
TETON LOWER N. FORK	2/11/2015	2/11/2015
SNAKE ABV BLCKFOOT	2/11/2015	2/11/2015
SNAKE BLW BLCKFOOT	2/11/2015	2/11/2015

Diversion Data

Actual Date	Site	Diversion	CFS DIVN	CFS STOR	AF USED	AF RMNG
Mar 29	13033010	PALISADES CANAL	0	0	0	0
Mar 29	13037505	ANDERSON CANAL (1A)	0	386	3645	-3645
Mar 29	13037975	EAGLE ROCK CAN (1) (1B)	386	0	0	0
Mar 29	13037980	FARMERS FRIEND	0	0	0	0
Mar 29	13037985	ENTERPRISE CANAL	0	0	0	0
Mar 29	13038025	BUTLER ISLAND	0	0	0	0
Mar 29	13038030	ROSS AND RAND	0	0	0	0
Mar 29	13038055	HARRISON CANAL	94	94	2307	-2307
Mar 29	13038085	RUDY CANAL	69	69	2420	-2420
Mar 29	13038090	LOWDER SLOUGH CANAL	0	0	0	0
Mar 29	13038098	KITE & NORD CANAL	0	0	0	0
Mar 29	13038110	BURGESS CANAL * (4A)	117	117	1397	-1397
Mar 29	13038115	CLARK & EDWARDS * (5A)	23	23	219	-219
Mar 29	13038145	CROFT DITCH	0	0	0	0
Mar 29	13038150	EAST LABELLE CANAL	0	0	0	0
Mar 29	13038180	RIGBY CANAL	29	29	479	-479
Mar 29	13038204	DILTS LATERAL (3) (6B)	0	0	0	0
Mar 29	13038205	DILTS CANAL (6A)	0	0	0	0
Mar 29	13038210	ISLAND CANAL (30A)	0	0	0	0
Mar 29	13038225	W. LABELLE & L.I. * (7A)	38	38	152	-152
Mar 29	13038305	PARKS & LEWISVILLE	64	64	507	-507
Mar 29	13038315	NORTH RIGBY CANAL	0	0	0	0
Mar 29	13038340	WHITE DITCH (4) (7B)	0	0	0	0
Mar 29	13038360	BRAMWELL CANAL (8A)	0	0	0	0
Mar 29	13038362	ELLIS CANAL (5) (30B)	0	0	0	0
Mar 29	13038388	MATTSON-CRAIG CANAL	0	0	0	0
Mar 29	13038392	SUNNYDELL CANAL (29A)	0	0	0	0
Mar 29	13038426	LENROOT CANAL	0	0	0	0
Mar 29	13038431	REID CANAL	0	0	1327	-1327
Mar 29	13038434	TEXAS & LIBERTY	0	0	5530	-5530
Mar 29	13038435	BANNOCK JIM SLOUGH	0	0	0	0
Mar 29	13038436	HILL PETTINGER	0	0	0	0
Mar 29	13038437	NELSON COREY CANAL	0	0	0	0
Mar 28	13046310	DEWEY CANAL	0	0	0	0
Mar 28	13047305	YELLOWSTONE CANAL	0	0	0	0
Mar 28	13047475	MARYSVILLE CANAL * (9A)	16	16	313	-313
Mar 28	13047575	FARMERS DWN CANAL (11A)	0	0	0	0
Mar 28	13047681	CONANT CK CANAL (12A)	0	0	0	0
Mar 28	13048475	ENTERPRISE CANAL	0	0	0	0
Mar 28	13048560	FALL RIVER CANAL (16A)	15	0	0	0
Mar 28	13048705	CHESTER CANAL	0	0	0	0
Mar 28	13049010	SILKEY CANAL	0	0	0	0
Mar 28	13049015	CURR CANAL	0	0	0	0
Mar 28	13049550	LAST CHANCE CANAL	19	0	0	0
Mar 28	13049560	CROSSCUT TO TETN	0	0	0	0
Mar 28	13049561	X CUT FALL R (6) (16B)	0	0	0	0
Mar 28	13049705	FARMERS FRIEND	0	0	0	0
Mar 28	13049710	TWIN GROVES CANAL	15	0	0	0
Mar 28	13049725	ST ANTHY UNION (17A)	129	0	0	0
Mar 28	13049805	SALEM UNION CANAL	79	0	0	0
Mar 28	13050525	EGIN CANAL	0	0	0	0
Mar 28	13050530	ST ANTHY UNION (7) (17B)	29	0	0	0
Mar 28	13050535	INDEPENDENT CANAL	51	0	0	0
Mar 28	13050545	CONSOLIDATED FRMRS	36	0	0	0
Mar 28	13054515	CANYON CREEK CANAL	0	0	0	0
Mar 28	13055030	WILFORD CANAL	0	0	0	0
Mar 28	13055040	TETON IRRIGATION (18A)	0	0	0	0

FOOTNOTES: (#) STORAGE DIVERSION COMBINED WITH (#A)

TOTAL DIVERSION AND STORAGE USE DOES NOT INCLUDE ADDITIONAL PUMP DIVERSIONS (NOT SHOWN) ADDED AT THE END OF THE YEAR

WATER DISTRICT 01 - WEEKLY WATER REPORT 04/03/2018

Actual Date	Site	Diversion	CFS DIVN	CFS STOR	AF USED	AF RMNG
Mar 28	13055050	PIONEER CANAL	0	0	0	0
Mar 28	13055060	STEWART CANAL	0	0	0	0
Mar 28	13055205	PINCOCK-BYINGTON	0	0	0	0
Mar 28	13055210	TETON ISLND FEEDER	0	0	0	0
Mar 28	13055245	SALEM UNION B	0	0	0	0
Mar 28	13055275	ROXANA CANAL	2	0	0	0
Mar 28	13055280	ISLAND WARD CANAL	0	0	0	0
Mar 28	13055295	SAUREY CANAL	0	0	0	0
Mar 28	13055315	WOODMANSEE=JOHNSON (19A)	0	0	0	0
Mar 28	13055323	CITY OF REXBURG	0	0	0	0
Mar 28	13055334	REXBURG IRRIGATION	0	0	0	0
Mar 29	13057025	BUTTE & MARKET * (20A)	0	0	0	0
Mar 29	13057030	BEAR TRAP CANAL	0	0	0	0
Mar 29	13057125	OSGOOD CANAL	0	0	0	0
Mar 29	13057126	CLEMENTS CANAL	0	0	0	0
Mar 29	13057130	KENNEDY CANAL	0	0	0	0
Mar 29	13057135	GREAT WESTERN (21A)	0	81	321	-321
Mar 29	13057145	IDAHO CANAL (33A)	0	0	0	0
Mar 29	13057250	PORTER CANAL (9) (21B)	81	0	0	0
Mar 29	13058125	FERGUSON CANAL	0	0	0	0
Mar 29	13058290	ORVAL AVERY CNL	0	0	0	0
Mar 29	13058310	ROY AVERY CANAL	0	0	0	0
Mar 29	13058370	R COOPER SAND CR	0	0	0	0
Mar 29	13058380	R COOPER WLLW CK	0	0	0	0
Mar 29	13058510	PROGRESSIVE SAND	0	0	0	0
Mar 29	13058514	W & O COOPER	0	0	0	0
Mar 29	13058515	IDAHO FR SAND CK	0	0	0	0
Mar 29	13058530	PROGRESSIVE WILL	0	0	0	0
Mar 29	13059505	WOODVILLE CANAL (22A)	0	0	0	0
Mar 29	13059520	WOODVILLE SIPHON (22D)	0	0	0	0
Mar 29	13059525	SNAKE RIVER VLLY * (23A)	0	0	0	0
Mar 30	13060500	RESERVATION CANAL	0	0	0	0
Mar 30	13060501	X RESERVATION	0	0	0	0
Mar 30	13061430	BLACKFOOT CANAL	0	0	0	0
Mar 30	13061520	NEW LAVA SIDE * (24A)	13	0	0	0
Mar 30	13061525	PEOPLES CANAL * (25A)	46	0	0	0
Mar 30	13061610	ABERDEEN CANAL	0	0	0	0
Mar 30	13061650	CORBETT CANAL	0	0	555	-555
Mar 30	13061670	NIELSON-HANSEN	0	0	0	0
Mar 30	13061705	RIVERSIDE CANAL * (26A)	0	0	0	0
Mar 30	13061995	DANSKIN CANAL	9	9	87	-87
Mar 30	13062050	TREGO CANAL	0	0	0	0
Mar 30	13062051	JENSEN GROVE	36	36	2986	-2986
Mar 30	13062503	WEARYRICK CANAL	0	0	0	0
Mar 30	13062506	WATSON CANAL	0	0	0	0
Mar 30	13062507	PARSONS CANAL	0	0	0	0
Mar 31	13075900	FT HALL MICHAUD	0	0	0	0
Mar 31	13076400	FALLS IRRIG PUMP	0	0	0	0
Apr 01	13080000	MINIDOKA NSIDE * (27A)	0	0	0	0
Apr 01	13080500	MINIDOKA SSIDE (10) (27B)	0	0	0	0
Apr 02	13085500	A & B IRRIGATION	0	0	0	0
Apr 02	13085800	PA LATRL PUMP (11) (28B)	0	0	0	0
Apr 02	13086000	MILNER IRRIGATION	0	0	0	0
Apr 02	13086520	NSIDE XCT GDNG (11) (28E)	625	0	0	0
Apr 02	13086530	RES DIST #2 CANAL	982	0	121237	-121237
Apr 02	13087000	N SIDE TWIN FALLS (28A)	458	0	5127	-5127
Apr 02	13087500	TWIN FALLS S SIDE	490	0	13501	-13501

FOOTNOTES: (#) STORAGE DIVERSION COMBINED WITH (#A)
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04/02/2018

