

WATER REPORT – October 3, 2017

Water right priorities are projected to remain at 1909-12-14 for approximately another week before rising to 1921-03-30 as the American Falls Reservoir water right begins to fill. Priorities above Minidoka Dam will remain at 1921-03-30 until the American Falls Reservoir water right has completely filled later this winter/spring. Priorities below Minidoka Dam will rise to 1980-08-25 in the next few weeks when irrigation diversions in the Minidoka-to-Milner reach cease. For the remainder of the fall/winter, the Water Report will be published monthly on the first Tuesday of each month. Weekly publication will resume after irrigation starts next spring.

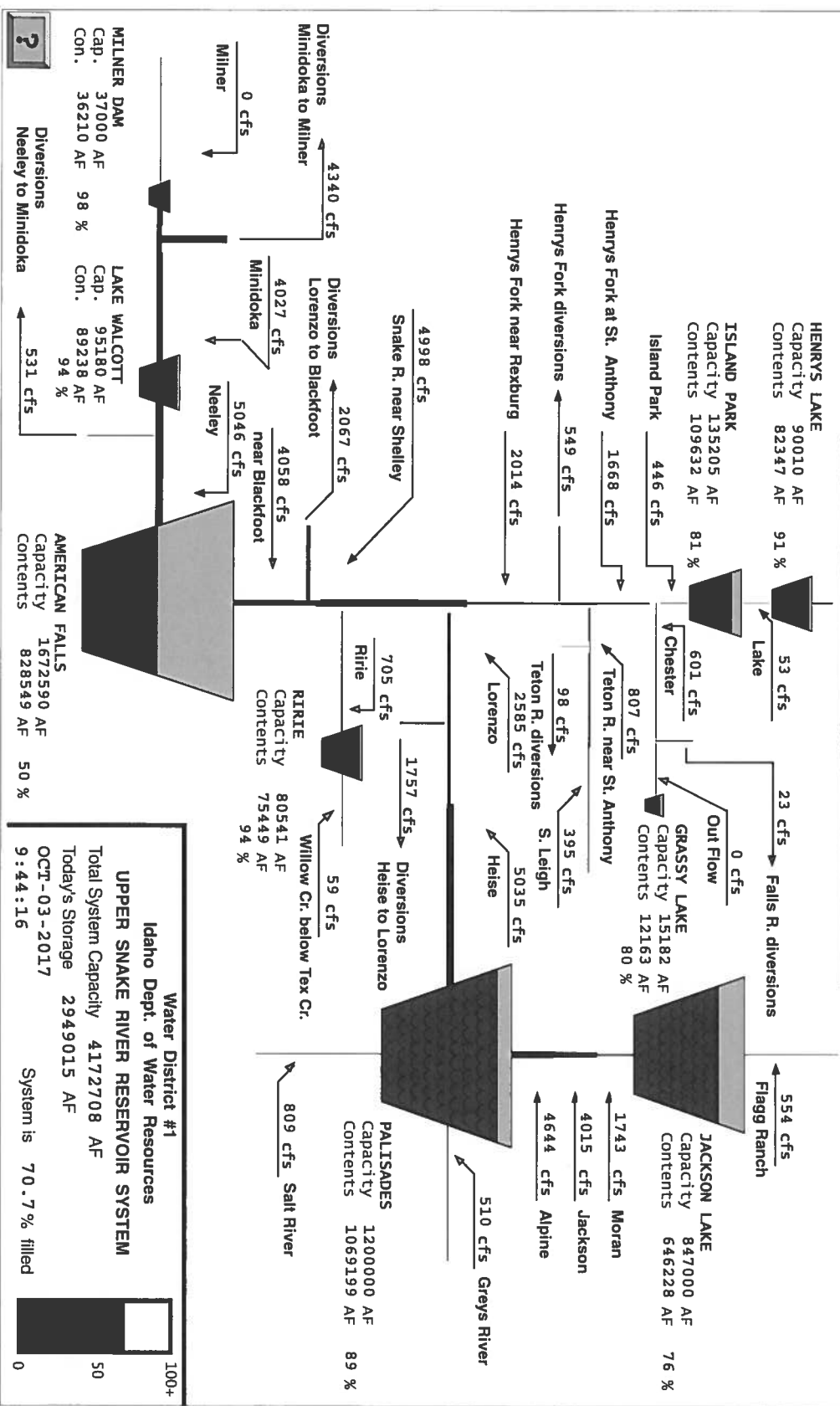
Here are some statistics from the 2017 water year, October 1, 2016 to September 30, 2017:

- This water year's annual Heise Unregulated volume was the second highest in the 107 years of record (1911-2017) according to the USBR/USGS data. The 7,963,000 ac-ft of Heise Unregulated volume fell short of the highest unregulated volume of 8,603,000 ac-ft recorded during the 1997 water year. The 1986 water year had the 3rd highest unregulated volume of 7,543,000 ac-ft.
- The gain in total natural flow from Heise to Blackfoot (including gains from the Henrys Fork, Falls River, Teton River, and Willow Creek) according to this year's preliminary water right accounting was 2,284,000 ac-ft. This is the 7th highest volume of natural flow arising between Heise and Blackfoot in the past 30 years, falling behind water years (in descending order) 1997, 1999, 1998, 2011, 1995, and 1996. The average annual volume of natural flow arising between Heise and Blackfoot for the 30-year period 1988-2017 is 1,770,000 ac-ft.
- Natural flow arising between Blackfoot and Milner was 15th highest in the past 30 years, totaling 2,280,000 ac-ft in the 2017 preliminary accounting. This year's gain in natural flow from Blackfoot to Milner was below the 1988-2017 annual average of 2,353,000 ac-ft but was the highest since the 2012 water year of 2,398,000 ac-ft. The ten highest annual volumes of natural flow arising between Blackfoot and Milner for the period 1988-2017 all occurred before the year 2001, ranging from 2,496,000 ac-ft up to 3,175,000 ac-ft. The lowest annual volume of 1,901,000 ac-ft occurred in the 2004 water year during the fourth consecutive year of drought.
- The total natural flow arising in Water District #1 upstream from Milner Dam was the 2nd highest annual volume during the 30-year period 1988-2017 according to the preliminary water right accounting, surpassed only by the total volume arising upstream from Milner during the 1997 water year.
- The high amount of natural flow arising upstream from Milner Dam was the primary driver of the high September 30, 2017 total system reservoir contents of 2,931,000 ac-ft. The end-of-year September 30th reservoir system contents this year have only been exceeded at the end of water years 1984, 1982, 1983, and 1997 since Ririe Reservoir was added to the reservoir system in 1977.

CALENDAR

The 34th IWUA Water Law Seminar will be held at the Riverside Hotel in Boise on November 9-10. Registration and Agenda information can be viewed on their website www.iwua.org.

USRRS FLOW SCHEMATIC



Water District #1
Idaho Dept. of Water Resources
UPPER SNAKE RIVER RESERVOIR SYSTEM

Total System Capacity 4172708 AF
 Today's Storage 2949015 AF
 OCT-03-2017
 System is 70.7% filled

0 50 100+



WATER DISTRICT 01 - WEEKLY WATER REPORT 10/03/2017

Reach Name	DIVERSION DATA PRIORITY DATES	Projected Priority Dates For Actual Date 10/04/2017
SNAKE ABV LORENZO	12/14/1909	12/14/1909
HENRYS FORK	12/14/1909	12/14/1909
FALLS RIVER	12/14/1909	12/14/1909
TETON RIVER	12/14/1909	12/14/1909
TETON LOWER N. FORK	12/14/1909	12/14/1909
SNAKE ABV BLCKFOOT	12/14/1909	12/14/1909
SNAKE BLW BLCKFOOT	12/14/1909	12/14/1909

Diversion Data

Actual Date	Site	Diversion	CFS DIVN	CFS STOR	AF USED	AF RMNG
Sep 28	13033010	PALISADES CANAL	13	0	80	1014
Sep 28	13037505	ANDERSON CANAL (1A)	83	0	9198	42077
Sep 28	13037975	EAGLE ROCK CAN (1) (1B)	360	0	0	0
Sep 28	13037980	FARMERS FRIEND	53	0	48	11796
Sep 28	13037985	ENTERPRISE CANAL	65	65	8832	30389
Sep 28	13038025	BUTLER ISLAND	16	0	0	246
Sep 28	13038030	ROSS AND RAND	0	0	51	110
Sep 28	13038055	HARRISON CANAL	86	0	2728	43909
Sep 28	13038085	RUDY CANAL	116	0	14663	9585
Sep 28	13038090	LOWDER SLOUGH CANAL	29	0	89	2586
Sep 28	13038098	KITE & NORD CANAL	0	0	194	106
Sep 28	13038110	BURGESS CANAL * (4A)	369	0	8386	42248
Sep 28	13038115	CLARK & EDWARDS * (5A)	45	0	162	671
Sep 28	13038145	CROFT DITCH	0	0	69	207
Sep 28	13038150	EAST LABELLE CANAL	62	0	57	820
Sep 28	13038180	RIGBY CANAL	48	0	0	6276
Sep 28	13038204	DILTS LATERAL (3) (6B)	0	0	0	0
Sep 28	13038205	DILTS CANAL (6A)	0	0	284	2261
Sep 28	13038210	ISLAND CANAL (30A)	84	0	0	4632
Sep 28	13038225	W. LABELLE & L.I. * (7A)	216	0	0	6825
Sep 28	13038305	PARKS & LEWISVILLE	173	0	1	5420
Sep 28	13038315	NORTH RIGBY CANAL	43	0	162	1020
Sep 28	13038340	WHITE DITCH (4) (7B)	0	0	0	0
Sep 28	13038360	BRAMWELL CANAL (8A)	0	0	0	0
Sep 28	13038362	ELLIS CANAL (5) (30B)	0	0	0	0
Sep 28	13038388	MATTSON-CRAIG CANAL	0	0	592	679
Sep 28	13038392	SUNNYDELL CANAL (29A)	37	0	966	9647
Sep 28	13038426	LENROOT CANAL	10	0	4428	12225
Sep 28	13038431	REID CANAL	91	0	799	6227
Sep 28	13038434	TEXAS & LIBERTY	58	0	0	4829
Sep 28	13038435	BANNOCK JIM SLOUGH	0	0	0	1016
Sep 28	13038436	HILL PETTINGER	5	0	379	498
Sep 28	13038437	NELSON COREY CANAL	0	0	0	349
Sep 27	13046310	DEWEY CANAL	3	0	30	550
Sep 27	13047305	YELLOWSTONE CANAL	0	0	347	3150
Sep 27	13047475	MARYSVILLE CANAL * (9A)	15	0	2726	17440
Sep 27	13047575	FARMERS OWN CANAL (11A)	35	0	1458	6431
Sep 27	13047681	CONANT CK CANAL (12A)	0	0	370	1902
Sep 27	13048475	ENTERPRISE CANAL	51	0	7684	18079
Sep 27	13048560	FALL RIVER CANAL (16A)	114	0	0	2101
Sep 27	13048705	CHESTER CANAL	6	0	396	919
Sep 27	13049010	SILKEY CANAL	1	0	0	160
Sep 27	13049015	CURR CANAL	27	0	0	39
Sep 27	13049550	LAST CHANCE CANAL	40	0	3068	8632
Sep 27	13049560	CROSSCUT TO TETN	-1	0	2575	-2575
Sep 27	13049561	XCUT FALL R (6) (16B)	5	0	0	0
Sep 27	13049705	FARMERS FRIEND	45	0	3039	1984
Sep 27	13049710	TWIN GROVES CANAL	43	0	190	4669
Sep 27	13049725	ST ANTHY UNION (17A)	194	0	0	11023
Sep 27	13049805	SALEM UNION CANAL	83	0	117	29426
Sep 27	13050525	EGIN CANAL	127	0	0	9658
Sep 27	13050530	ST ANTHY UNION (7) (17B)	27	0	0	0
Sep 27	13050535	INDEPENDENT CANAL	73	0	5986	26645
Sep 27	13050545	CONSOLIDATED FRMRS	55	0	950	21904
Sep 27	13054515	CANYON CREEK CANAL	0	0	0	1567
Sep 27	13055030	WILFORD CANAL	26	0	0	3647
Sep 27	13055040	TETON IRRIGATION (18A)	19	0	0	1430

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 10/03/2017

Actual Date	Site	Diversion	CFS DIVN	CFS STOR	AF USED	AF RMNG
Sep 27	13055050	PIONEER CANAL	2	0	46	96
Sep 27	13055060	STEWART CANAL	0	0	0	462
Sep 27	13055205	PINCOCK-BYINGTON	6	0	0	298
Sep 27	13055210	TETON ISLND FEEDER	86	0	0	9001
Sep 27	13055245	SALEM UNION B	0	0	196	-196
Sep 27	13055275	ROXANA CANAL	0	0	2	835
Sep 27	13055280	ISLAND WARD CANAL	0	0	432	2737
Sep 27	13055295	SAUREY CANAL	0	0	10	149
Sep 27	13055315	WOODMANSEE-JOHNSON (19A)	0	0	0	1232
Sep 27	13055323	CITY OF REXBURG	12	0	13	-13
Sep 27	13055334	REXBURG IRRIGATION	42	0	20	4257
Sep 28	13057025	BUTTE & MARKET * (20A)	74	0	0	50565
Sep 28	13057030	BEAR TRAP CANAL	0	0	97	1332
Sep 28	13057125	OSGOOD CANAL	0	0	566	10966
Sep 28	13057126	CLEMENTS CANAL	0	0	0	771
Sep 28	13057130	KENNEDY CANAL	0	0	0	394
Sep 28	13057135	GREAT WESTERN (21A)	188	0	0	87455
Sep 28	13057145	IDAHO CANAL (33A)	325	0	0	103206
Sep 28	13057250	PORTER CANAL (9) (21B)	147	0	0	0
Sep 28	13058125	FERGUSON CANAL	0	0	0	0
Sep 28	13058290	ORVAL AVERY CNL	1	0	0	0
Sep 28	13058310	ROY AVERY CANAL	0	0	0	0
Sep 28	13058370	R COOPER SAND CR	0	0	0	0
Sep 28	13058380	R COOPER WLLW CK	0	0	0	0
Sep 28	13058510	PROGRESSIVE SAND	179	0	0	0
Sep 28	13058514	W & O COOPER	0	0	0	0
Sep 28	13058515	IDAHO FR SAND CK	0	0	0	0
Sep 28	13058530	PROGRESSIVE WILL	78	0	6	-6
Sep 28	13059505	WOODVILLE CANAL (22A)	17	0	529	14229
Sep 28	13059520	WOODVILLE SIPHON (22D)	15	0	0	0
Sep 28	13059525	SNAKE RIVER VLLY * (23A)	193	0	12737	77867
Sep 29	13060500	RESERVATION CANAL	0	0	0	0
Sep 29	13060501	X RESERVATION	14	0	0	0
Sep 29	13061430	BLACKFOOT CANAL	95	0	0	23636
Sep 29	13061520	NEW LAVA SIDE * (24A)	61	0	0	11580
Sep 29	13061525	PEOPLES CANAL * (25A)	137	0	4445	70886
Sep 29	13061610	ABERDEEN CANAL	559	0	43208	219191
Sep 29	13061650	CORBETT CANAL	66	0	7	11429
Sep 29	13061670	NIELSON-HANSEN	3	0	47	-47
Sep 29	13061705	RIVERSIDE CANAL * (26A)	59	0	1326	153
Sep 29	13061995	DANSKIN CANAL	60	0	0	2316
Sep 29	13062050	TREGO CANAL	43	0	1	5174
Sep 29	13062051	JENSEN GROVE	26	0	1843	-1301
Sep 29	13062503	WEARYRICK CANAL	22	0	0	591
Sep 29	13062506	WATSON CANAL	57	0	0	2026
Sep 29	13062507	PARSONS CANAL	40	7	53	927
Sep 30	13075900	FT HALL MICHAUD	50	50	16386	67556
Sep 30	13076400	FALLS IRRIG PUMP	0	0	10060	52843
Oct 01	13080000	MINIDOKA NSIDE * (27A)	271	0	160589	180670
Oct 01	13080500	MINIDOKA SSIDE (10) (27B)	296	0	0	223216
Oct 02	13085500	A & B IRRIGATION	63	63	27156	108482
Oct 02	13085800	PA LATRL PUMP (11) (28B)	25	0	0	0
Oct 02	13086000	MILNER IRRIGATION	49	49	27618	61678
Oct 02	13086520	NSIDE XCT GDNG (11) (28E)	918	0	0	0
Oct 02	13086530	RES DIST #2 CANAL	1004	1004	210322	187544
Oct 02	13087000	N SIDE TWIN FALLS (28A)	599	0	332316	516761
Oct 02	13087500	TWIN FALLS S SIDE	1918	0	76765	167230

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