

Water District 1 Report – August 28th, 2024

Cool temperatures have helped maintain steady diversions, as natural flow supply has diminished. Water right priorities above Blackfoot have reverted to 1889 levels. However, forecasts for the coming week indicate a return to warm and dry conditions.

Flows and Diversions:

Above Blackfoot:

- Natural flow has decreased by 100 cfs per day, bringing it to 6,400 cfs.
- Diversions have held steady, now at 10,600 cfs.
- The priority date has dropped to the 7/10/1889 water right, which is expected to receive a partial fill tomorrow.

Below Blackfoot:

- Natural flow has dropped by 40 cfs per day, with current levels at 2,100 cfs.
- Diversions have dropped by 40 cfs per day, now at 9,900 cfs.
- The current priority date is 10/11/1900.

Teton River:

- The Teton River has reconnected its priority with water rights on the Snake River as 24 cfs of unused natural flow is reaching the Snake. However, if this 24 cfs is diverted by senior water rights holders on the Teton, the priority will revert to the 1885 level.
- The 6/1/1885 water right is projected to be partially deliverable.
- The Lower North Fork is projected to receive a partial fill of the 10/17/1885 water right.

Natural flow levels above Blackfoot are closely tracking with those observed in 2005 and 2012, while natural flow levels below Blackfoot are aligning with 2005 and 2022. The report includes a comparison of current water right priorities with those from the 2005 season.

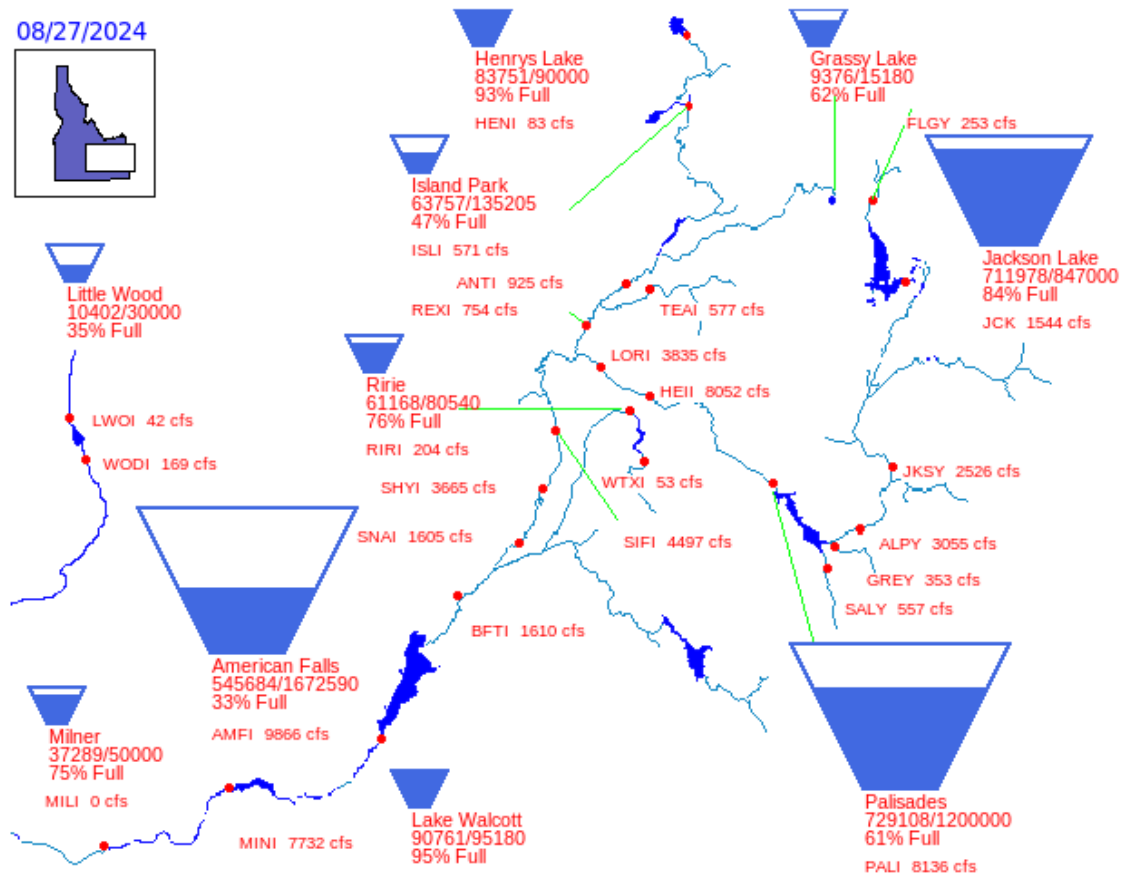
Canal managers above Blackfoot are urged to notify WD1 or the USBR of any expected changes in diversion rates, as the Snake River at Blackfoot is being managed with tight margins. Significant changes could result in the river running dry.

Calendar

Committee of Nine meeting on September 5th at 9 am at the Pocatello airport. Agenda, with zoom information, will be posted to the website prior to the meeting.

Bureau of Reclamation, Pacific Northwest Region Major Storage Reservoirs in the Upper Snake River Basin

08/27/2024



PROVISIONAL DATA - Subject to change

Average daily streamflows indicated in cubic feet per second.

Reservoir levels current as of midnight on date indicated.

Click on gaging stations (red dots) for streamflow hydrographs.

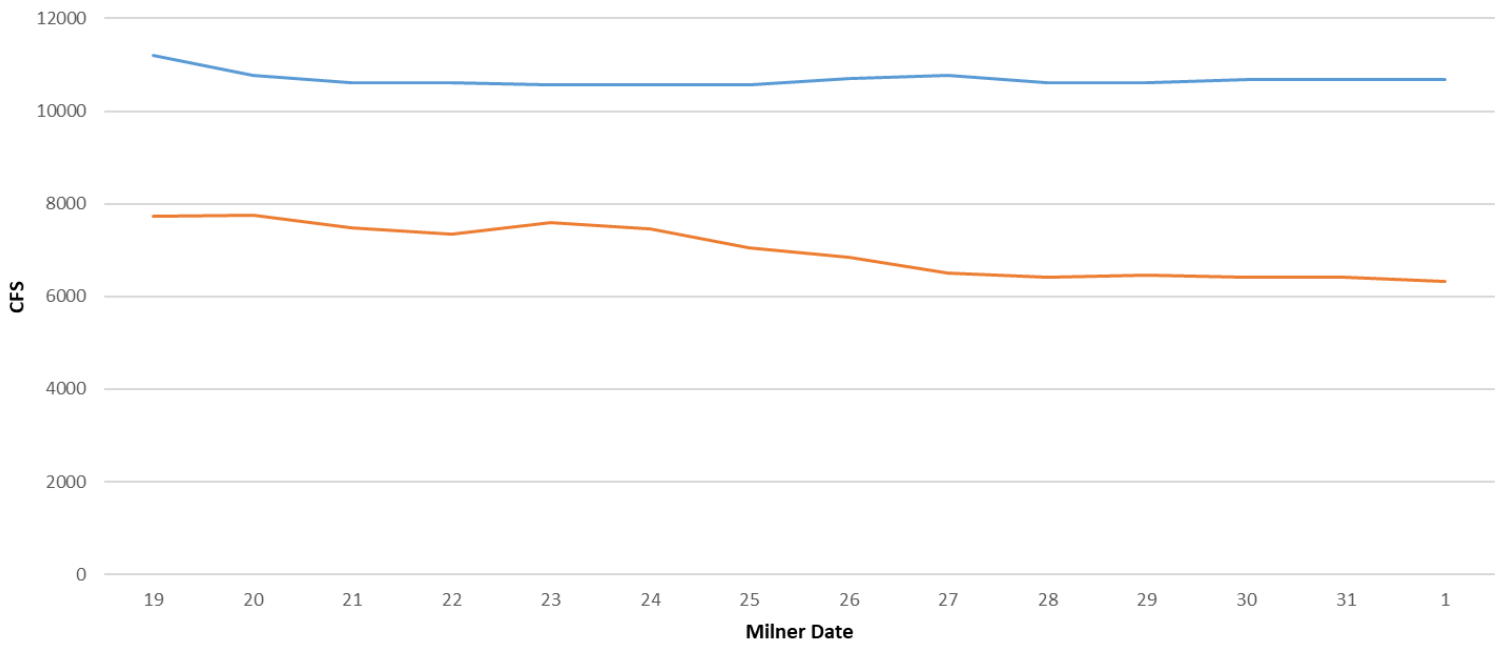
Upper Snake River system is at 55 % of capacity.

(Jackson Lake, Palisades, Grassy Lake, Island Park, Ririe, American Falls, Lake Walcott)

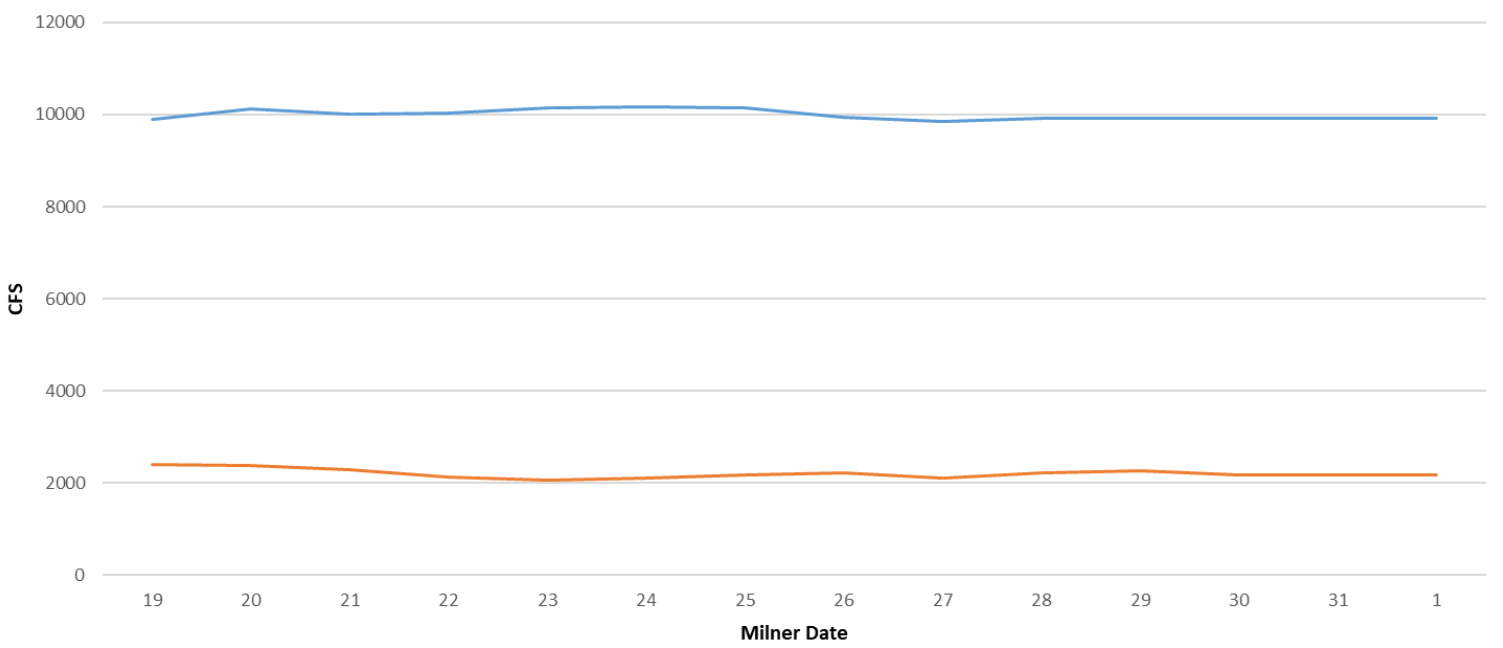
Total space available: 1833863 AF

Total storage capacity: 4045695 AF

Above Blackfoot Gains vs Above Blackfoot Diversions



Below Blackfoot Gains vs Below Blackfoot Diversions



Natural Flow and Priority Comparison

Preliminary Accounting

2024 Irrigation Season

2005 Irrigation Season

MILNER DATE	HEISE DATE	2024 Irrigation Season			2005 Irrigation Season		
		TOTAL NATURAL FLOW ABOVE BLACKFOOT CFS	SNAKE RIVER AT HEISE PARTIALLY FILLED PRIORITY YR-MO-DAY	REACH GAIN BLACKFOOT TO MILNER CFS	TOTAL NATURAL FLOW ABOVE BLACKFOOT CFS	SNAKE RIVER AT HEISE PARTIALLY FILLED PRIORITY YR-MO-DAY	REACH GAIN BLACKFOOT TO MILNER CFS
1-Aug	28-Jul	8330	12/14/1891	2190	8210	6/10/1890	2062
2-Aug	29-Jul	8625	4/28/1892	2101	7995	6/10/1890	2078
3-Aug	30-Jul	7985	1/24/1891	2071	7745	6/1/1890	2098
4-Aug	31-Jul	7977	1/24/1891	2109	7858	6/10/1890	2151
5-Aug	1-Aug	7681	10/16/1890	2030	8041	7/12/1890	2176
6-Aug	2-Aug	7468	7/12/1890	2127	8024	10/16/1890	2239
7-Aug	3-Aug	7287	6/10/1890	1967	8188	1/24/1891	2042
8-Aug	4-Aug	7136	6/1/1890	1837	8055	10/16/1890	1881
9-Aug	5-Aug	7040	7/10/1889	1873	7778	7/12/1890	1886
10-Aug	6-Aug	7028	7/10/1889	1865	7711	6/10/1890	1869
11-Aug	7-Aug	7116	7/10/1889	1983	7546	6/10/1890	1973
12-Aug	8-Aug	7079	7/10/1889	2047	7164	3/1/1890	2030
13-Aug	9-Aug	6895	7/10/1889	2079	6834	6/1/1889	2004
14-Aug	10-Aug	6969	7/10/1889	2242	7059	7/10/1889	2104
15-Aug	11-Aug	7177	6/1/1890	2325	6409	6/1/1889	2145
16-Aug	12-Aug	7291	6/10/1890	2412	7028	3/1/1890	2191
17-Aug	13-Aug	7085	6/1/1890	2478	6962	3/1/1890	2427
18-Aug	14-Aug	7522	7/12/1890	2522	6876	3/1/1890	2299
19-Aug	15-Aug	7690	1/24/1891	2409	6739	7/10/1889	2209
20-Aug	16-Aug	7765	12/14/1891	2393	6870	7/10/1889	2170
21-Aug	17-Aug	7476	1/24/1891	2283	6901	7/10/1889	2057
22-Aug	18-Aug	7340	10/16/1890	2135	7309	6/10/1890	2103
23-Aug	19-Aug	7589	6/1/1891	2058	8400	12/14/1891	2078
24-Aug	20-Aug	7469	6/1/1891	2118	8772	8/18/1894	1902
25-Aug	21-Aug	7047	7/12/1890	2188	8158	12/14/1891	1754
26-Aug	22-Aug	6838	6/10/1890	2235	7789	1/24/1891	1734
27-Aug	23-Aug	6505	7/10/1889	2105	7236	6/10/1890	1597
28-Aug	24-Aug	6426 *	7/10/1889 *		6922	9/26/1889	1555
29-Aug	25-Aug	6461 *	7/10/1889 *		6664	7/10/1889	1630
30-Aug	26-Aug	6423 *	7/10/1889 *		6753	7/10/1889	1782
31-Aug	27-Aug	6415 *	7/10/1889 *		6532	6/1/1889	2014
1-Sep	28-Aug	6322 *	7/10/1889 *		6549	7/10/1889	2129
2-Sep	29-Aug				6245	6/1/1889	2090
3-Sep	30-Aug				6157	6/1/1889	2104
4-Sep	31-Aug		* Projected Data		6014	6/1/1889	2128
5-Sep	1-Sep				5969	6/1/1889	2159
6-Sep	2-Sep				6159	6/1/1889	2207
7-Sep	3-Sep				6119	6/1/1889	2344
8-Sep	4-Sep				6121	6/1/1889	2419
9-Sep	5-Sep				5998	6/1/1889	2485
10-Sep	6-Sep				6089	6/1/1889	2462
11-Sep	7-Sep				6006	5/11/1889	2488
12-Sep	8-Sep				6054	5/11/1889	2438
13-Sep	9-Sep				6059	5/11/1889	2432
14-Sep	10-Sep				6051	7/10/1889	2538
15-Sep	11-Sep				6264	10/16/1890	2464

WATER DISTRICT 01 - WEEKLY WATER REPORT 08/28/2024

Reach Name	DIVERSION DATA		Projected Priority Dates	
	PRIORITY DATES		For Actual Date 08/29/2024	
SNAKE ABV LORENZO	7/10/1889		7/10/1889	
HENRYS FORK	7/10/1889		7/10/1889	
FALLS RIVER	7/10/1889		7/10/1889	
TETON RIVER	7/10/1889		6/1/1885	
TETON LOWER N. FORK	7/10/1889		10/17/1885	
SNAKE ABV BLCKFOOT	7/10/1889		7/10/1889	
SNAKE BLW BLCKFOOT	10/11/1900		10/11/1900	

Diversion Data

Actual Date	Site	Diversion	CFS DIVN	CFS STOR	AF USED	AF RMNG
Aug 22	13022450	WY STORAGE USE	0	0	0	0
Aug 23	13033010	PALISADES CANAL	14	3	711	842
Aug 23	13037505	ANDERSON CANAL (1A)	176	14	13785	36418
Aug 23	13037975	EAGLE ROCK CAN (1) (1B)	656	0	0	0
Aug 23	13037980	FARMERS FRIEND	267	0	6073	5394
Aug 23	13037985	ENTERPRISE CANAL	138	138	12942	16689
Aug 23	13038025	BUTLER ISLAND	30	0	119	127
Aug 23	13038030	ROSS AND RAND	4	0	110	50
Aug 23	13038055	HARRISON CANAL	307	236	13274	31341
Aug 23	13038085	RUDY CANAL	217	93	14942	9820
Aug 23	13038090	LOWDER SLOUGH CANAL	30	30	1610	1203
Aug 23	13038098	KITE & NORD CANAL	0	0	96	202
Aug 23	13038110	BURGESS CANAL * (4A)	710	307	26672	24038
Aug 23	13038115	CLARK & EDWARDS * (5A)	67	0	131	699
Aug 23	13038145	CROFT DITCH	0	0	37	91
Aug 23	13038150	EAST LABELLE CANAL	110	0	278	596
Aug 23	13038180	RIGBY CANAL	140	0	2077	4110
Aug 23	13038204	DILTS LATERAL (3) (6B)	7	0	0	0
Aug 23	13038205	DILTS CANAL (6A)	23	31	1997	539
Aug 23	13038210	ISLAND CANAL (30A)	97	1	903	3712
Aug 23	13038225	W. LABELLE & L.I. * (7A)	343	0	500	6024
Aug 23	13038305	PARKS & LEWISVILLE (36A)	241	0	3368	2031
Aug 23	13038315	NORTH RIGBY CANAL	49	0	408	771
Aug 23	13038340	WHITE DITCH (4) (7B)	1	0	0	0
Aug 23	13038360	BRAMWELL CANAL (8A)	0	0	0	0
Aug 23	13038362	ELLIS CANAL (5) (30B)	0	0	0	0
Aug 23	13038388	MATTSON-CRAIG CANAL	7	0	185	1082
Aug 23	13038392	SUNNYDELL CANAL (29A)	106	37	5918	4978
Aug 23	13038426	LENROOT CANAL	105	65	7756	8890
Aug 23	13038431	REID CANAL	124	0	1418	5584
Aug 23	13038434	TEXAS & LIBERTY	113	0	4	4810
Aug 23	13038435	BANNOCK JIM SLOUGH	6	0	39	973
Aug 23	13038436	HILL PETTINGER	1	0	331	543
Aug 23	13038437	NELSON COREY CANAL	2	0	0	348
Aug 22	13046310	DEWEY CANAL	0	0	47	532
Aug 22	13047305	YELLOWSTONE CANAL	0	0	1933	1620
Aug 22	13047475	MARYSVILLE CANAL * (9A)	38	38	12500	7454
Aug 22	13047575	FARMERS OWN CANAL (11A)	0	0	1946	6129
Aug 22	13047681	CONANT CK CANAL (12A)	2	2	1437	985
Aug 22	13048475	ENTERPRISE CANAL	47	47	9712	14259
Aug 22	13048560	FALL RIVER CANAL (16A)	95	0	143	1951
Aug 22	13048705	CHESTER CANAL	9	8	454	848
Aug 22	13049010	SILKEY CANAL	13	13	347	-251
Aug 22	13049015	CURR CANAL	18	0	73	-33
Aug 22	13049550	LAST CHANCE CANAL	53	23	2760	8741
Aug 22	13049560	CROSSCUT TO TETN	77	0	777	-777
Aug 22	13049561	XCUT FALL R (6) (16B)	117	0	0	0
Aug 22	13049705	FARMERS FRIEND	42	9	2654	2451
Aug 22	13049710	TWIN GROVES CANAL	29	29	3059	1101
Aug 22	13049725	ST ANTHY UNION (17A)	320	0	826	10049
Aug 22	13049805	SALEM UNION CANAL	126	126	11948	17274
Aug 22	13050525	EGIN CANAL	184	0	428	9086
Aug 22	13050530	ST ANTHY UNION (7) (17B)	50	0	0	0
Aug 22	13050535	INDEPENDENT CANAL	118	18	3845	28428
Aug 22	13050545	CONSOLIDATED FRMRS	154	154	10444	12050
Aug 22	13054515	CANYON CREEK CANAL	0	0	0	0
Aug 22	13055030	WILFORD CANAL	55	0	197	3374

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 08/28/2024

Actual Date	Site	Diversion	CFS DIVN	CFS STOR	AF USED	AF RMNG
Aug 22	13055040	TETON IRRIGATION (18A)	27	0	0	1508
Aug 22	13055050	PIONEER CANAL	0	0	17	126
Aug 22	13055060	STEWART CANAL	1	0	0	461
Aug 22	13055205	PINCOCK-BYINGTON	4	0	6	279
Aug 22	13055209	Teton Island RCHG Pit	0	0	0	0
Aug 22	13055210	TETON ISLND FEEDER (35A)	216	0	3152	5833
Aug 22	13055245	SALEM UNION B	0	0	0	0
Aug 22	13055275	ROXANA CANAL	6	0	2	826
Aug 22	13055280	ISLAND WARD CANAL	0	0	742	2377
Aug 22	13055295	SAUREY CANAL	13	0	14	146
Aug 22	13055315	WOODMANSEE-JOHNSON (19A)	17	17	396	790
Aug 22	13055323	CITY OF REXBURG (34A)	9	0	0	0
Aug 22	13055334	REXBURG IRRIGATION	92	0	642	3717
Aug 23	13057025	BUTTE & MARKET * (20A)	64	62	5194	45249
Aug 23	13057030	BEAR TRAP CANAL	3	0	283	1141
Aug 23	13057125	OSGOOD CANAL	27	19	3945	7592
Aug 23	13057126	CLEMENTS CANAL	0	0	0	768
Aug 23	13057130	KENNEDY CANAL	1	0	0	540
Aug 23	13057135	GREAT WESTERN (21A)	283	249	12993	67119
Aug 23	13057145	IDAHO CANAL (33A)	831	0	2080	81757
Aug 23	13057250	PORTER CANAL (9) (21B)	171	0	0	0
Aug 23	13058125	FERGUSON CANAL	0	0	0	0
Aug 23	13058290	ORVAL AVERY CNL	8	0	0	0
Aug 23	13058310	ROY AVERY CANAL	7	0	0	0
Aug 23	13058370	R COOPER SAND CR	9	0	0	0
Aug 23	13058380	R COOPER WLLW CK	7	0	0	0
Aug 23	13058510	PROGRESSIVE SAND	384	0	0	0
Aug 23	13058514	W & O COOPER	0	0	0	0
Aug 23	13058515	IDAHO FR SAND CK	0	0	0	0
Aug 23	13058530	PROGRESSIVE WILL	131	0	2138	-2138
Aug 23	13059505	WOODVILLE CANAL (22A)	33	49	5306	9563
Aug 23	13059520	WOODVILLE SIPHON (22B)	16	0	0	0
Aug 23	13059525	SNAKE RIVER VLLY * (23A)	372	172	23804	60519
Aug 24	13060500	RESERVATION CANAL	368	368	24221	-24221
Aug 24	13060501	X RESERVATION	0	0	274	-274
Aug 24	13061430	BLACKFOOT CANAL	240	65	1227	21884
Aug 24	13061520	NEW LAVA SIDE * (24A)	82	3	384	10843
Aug 24	13061525	PEOPLES CANAL * (25A)	247	223	20995	51579
Aug 24	13061610	ABERDEEN CANAL	924	924	102702	155332
Aug 24	13061650	CORBETT CANAL	101	0	37	10611
Aug 24	13061670	NIELSON-HANSEN	0	0	0	0
Aug 24	13061705	RIVERSIDE CANAL * (26A)	42	0	635	950
Aug 24	13061995	DANSKIN CANAL	144	0	14	1899
Aug 24	13062050	TREGO CANAL	45	45	804	4355
Aug 24	13062051	JENSEN GROVE	0	0	0	525
Aug 24	13062503	WEARYRICK CANAL	41	0	1	438
Aug 24	13062506	WATSON CANAL	84	0	12	1957
Aug 24	13062507	PARSONS CANAL	21	0	3	873
Aug 25	13069569	J RANDALL	0	0	0	100
Aug 25	13075800	PORTNEUF RENTAL	0	0	0	0
Aug 25	13075900	FT HALL MICHAUD	126	126	18246	110273
Aug 25	13076400	FALLS IRRIG PUMP	66	66	13048	49650
Aug 26	13080000	MINIDOKA NSIDE * (27A)	716	1524	225364	116908
Aug 26	13080500	MINIDOKA SSIDE (10) (27B)	808	0	0	227698
Aug 27	13085500	A & B IRRIGATION	209	209	30710	104226
Aug 27	13085800	PA LATRL PUMP (11) (28B)	35	0	0	0
Aug 27	13086000	MILNER IRRIGATION	195	195	30303	59902
Aug 27	13086520	NSIDE XCT GDNG (11) (28E)	745	0	0	0
Aug 27	13086530	RES DIST #2 CANAL	1459	1459	195494	195800
Aug 27	13087000	N SIDE TWIN FALLS (28A)	2199	2730	381316	467561
Aug 27	13087500	TWIN FALLS S SIDE	3248	1382	199347	38562

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