

Water District 1 Report – August 7th, 2024

Over the past week, hot, dry, and windy weather has contributed to the trend of decreasing natural flow and increasing diversions. Forecasts indicate a slight cool-down and a small chance of light precipitation over the weekend.

Above Blackfoot, natural flow has dropped by 150 cfs per day while diversions have increased by 50 cfs per day. This has caused priorities to drop to 6/1/1889, which is projected to receive a partial fill tomorrow. Currently, natural flow arising above Blackfoot is at 6,800 cfs and diversions are at 12,000 cfs.

Below Blackfoot, natural flow has increased by 50 cfs per day while diversions have been steady. The priority deliverable is 10/11/1900 and will remain there until unused natural flow from above Blackfoot becomes available, likely toward the end of the irrigation season. Natural flow arising below Blackfoot is at 2,000 cfs and diversions are at 10,500 cfs.

On the Teton River, the 6/1/1885 priority is partially deliverable, and the Lower North Fork diversions are receiving a partial fill to their 10/17/1885 priority.

System wide, natural flow is at 8,800 cfs and diversions are at 22,500 cfs.

Natural flow above and below Blackfoot continue to closely follow the 2005 irrigation season. A priority comparison with the 2005 irrigation season is attached to this report.

Releases below Milner are scheduled to shut to zero tomorrow. Idaho Power is finishing up running their storage allocation, and the USBR has completed its flow augmentation.

Canals are encouraged to have their watermasters or managers deputized by the Water District 1 watermaster. This provides legal protection through the state for those individuals who are directing flows to end users.

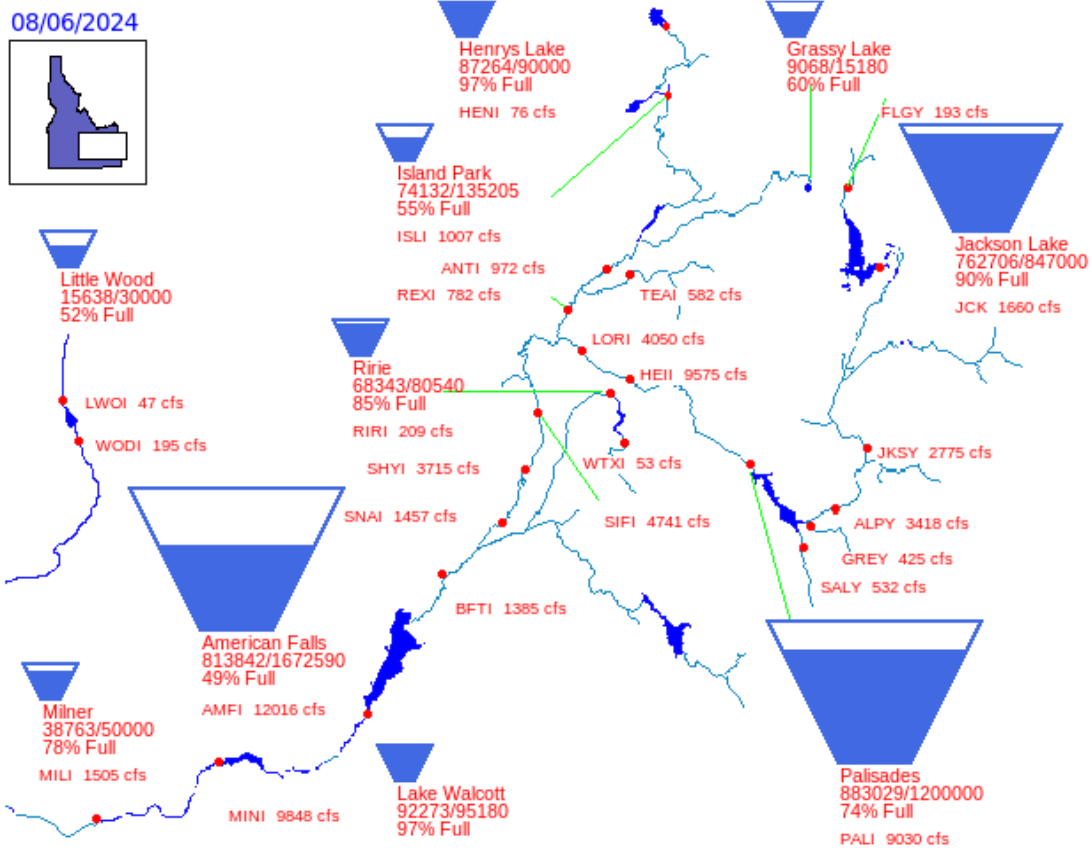
Canal managers above Blackfoot are encouraged to inform WD1 or the USBR of any anticipated changes in diversion rates, as the flow rate in the Snake River at Blackfoot is being managed with very tight margins. Significant changes could cause the river to run dry.

Calendar

August 27th & 28th – IWUA Legislative College will take place in Idaho Falls on the 27th and in Bellevue on the 28th. Legislators will meet with water users to discuss current topics and learn more about the water user community. Please visit <https://www.iwua.org/watercollege> for more information.

September 5th – Committee of Nine meeting will take place at 10 am at the Pocatello airport. The agenda 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



PROVISIONAL DATA - Subject to change

Average daily streamflows indicated in cubic feet per second.

Reservoir levels current as of midnight on date indicated.

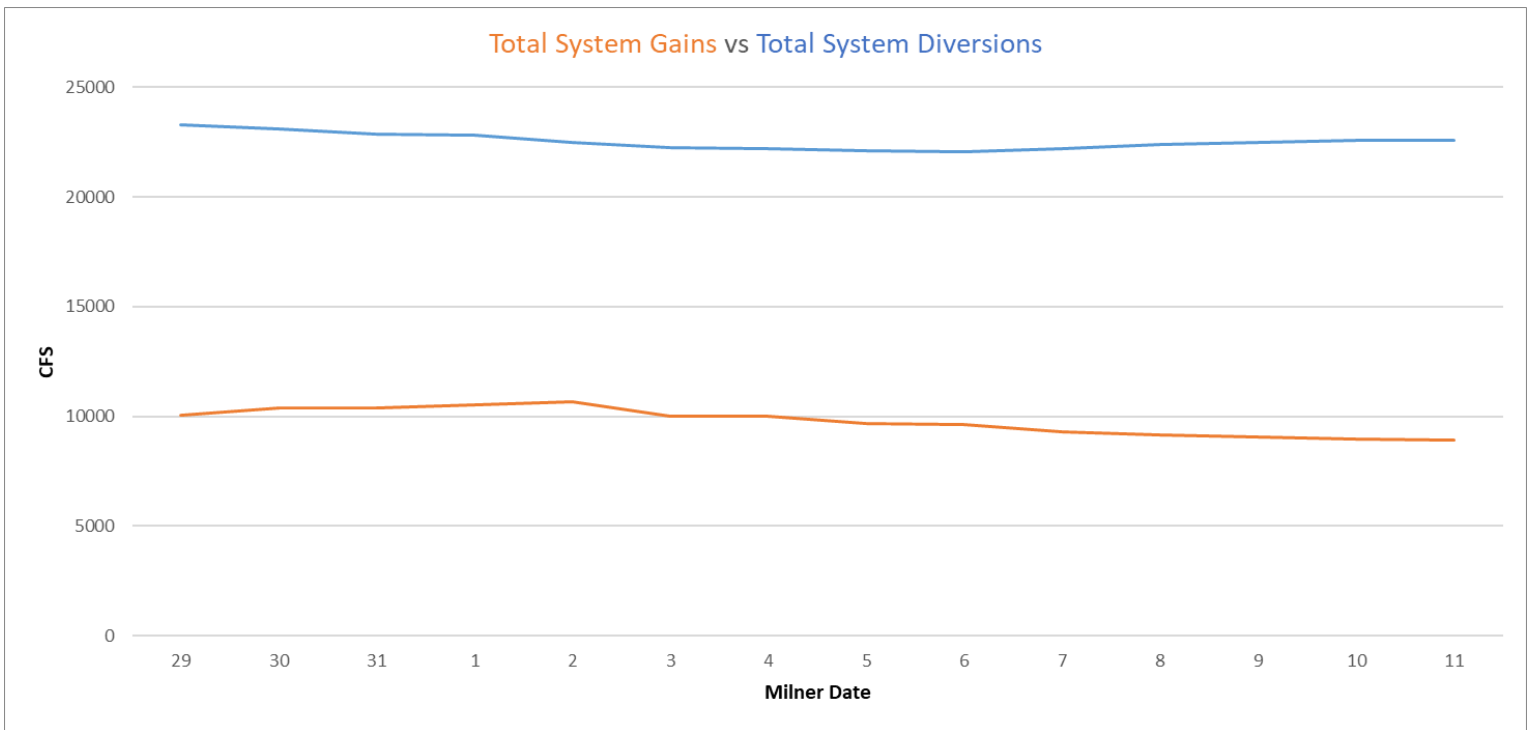
Click on gaging stations (red dots) for streamflow hydrographs.

Upper Snake River system is at 67 % of capacity.

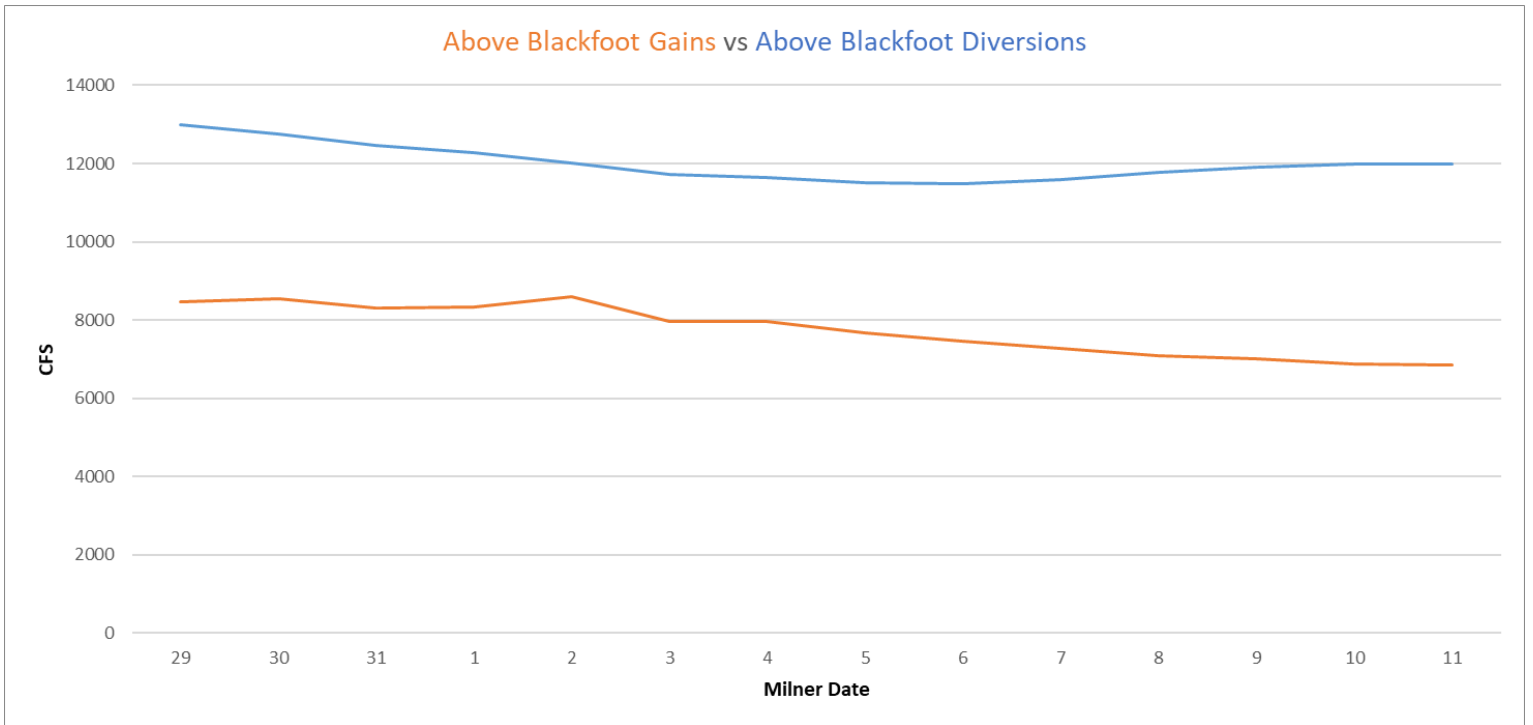
(Jackson Lake, Palisades, Grassy Lake, Island Park, Ririe, American Falls, Lake Walcott)

Total space available: 1342302 AF

Total storage capacity: 4045695 AF



- Soft indicator for whether reservoir water rights are on with the system filling, or reservoir water rights are cut with the system drafting. Cuts into irrigation water rights occur when diversions exceed gains.



- Soft indicator for when priorities at Blackfoot split. A split typically occurs when diversions above Blackfoot exceed gains above Blackfoot.

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
15-Jul	11-Jul	10645	8/15/1893	1397	12185	2/6/1895	1533
16-Jul	12-Jul	10261	6/1/1892	1514	12017	2/6/1895	1624
17-Jul	13-Jul	10203	4/28/1892	1571	11631	2/6/1895	1510
18-Jul	14-Jul	9759	12/14/1891	1656	10777	6/1/1892	1540
19-Jul	15-Jul	9916	12/14/1891	1639	10580	4/28/1892	1502
20-Jul	16-Jul	9669	12/14/1891	1560	10586	4/28/1892	1533
21-Jul	17-Jul	9355	1/24/1891	1505	10467	6/1/1892	1516
22-Jul	18-Jul	9741	12/14/1891	1377	10303	5/1/1892	1578
23-Jul	19-Jul	9712	12/14/1891	1373	9543	1/24/1891	1635
24-Jul	20-Jul	9366	12/14/1891	1525	9098	10/16/1890	1465
25-Jul	21-Jul	9366	12/14/1891	1487	8452	6/10/1890	1649
26-Jul	22-Jul	9465	4/28/1892	1417	8395	7/12/1890	1734
27-Jul	23-Jul	9102	12/14/1891	1528	8647	10/16/1890	1945
28-Jul	24-Jul	8849	12/14/1891	1715	8522	10/16/1890	1913
29-Jul	25-Jul	8458	1/24/1891	1613	8919	11/24/1890	1868
30-Jul	26-Jul	8548	12/14/1891	1817	8736	10/16/1890	1871
31-Jul	27-Jul	8292	6/1/1891	2099	8334	6/10/1890	1987
1-Aug	28-Jul	8342	12/14/1891	2175	8210	6/10/1890	2062
2-Aug	29-Jul	8596	4/28/1892	2082	7995	6/10/1890	2078
3-Aug	30-Jul	7970	1/24/1891	2037	7745	6/1/1890	2098
4-Aug	31-Jul	7951	1/24/1891	2072	7858	6/10/1890	2151
5-Aug	1-Aug	7672	10/16/1890	2011	8041	7/12/1890	2176
6-Aug	2-Aug	7451	7/12/1890	2160	8024	10/16/1890	2239
7-Aug	3-Aug	7267 *	6/10/1890 *		8188	1/24/1891	2042
8-Aug	4-Aug	7097 *	6/1/1890 *		8055	10/16/1890	1881
9-Aug	5-Aug	7001 *	7/10/1889 *		7778	7/12/1890	1886
10-Aug	6-Aug	6862 *	7/10/1889 *		7711	6/10/1890	1869
11-Aug	7-Aug	6844 *	6/1/1890 *		7546	6/10/1890	1973
12-Aug	8-Aug				7164	3/1/1890	2030
13-Aug	9-Aug		* Projected Data		6834	6/1/1889	2004
14-Aug	10-Aug				7059	7/10/1889	2104
15-Aug	11-Aug				6409	6/1/1889	2145
16-Aug	12-Aug				7028	3/1/1890	2191
17-Aug	13-Aug				6962	3/1/1890	2427
18-Aug	14-Aug				6876	3/1/1890	2299
19-Aug	15-Aug				6739	7/10/1889	2209
20-Aug	16-Aug				6870	7/10/1889	2170
21-Aug	17-Aug				6901	7/10/1889	2057
22-Aug	18-Aug				7309	6/10/1890	2103
23-Aug	19-Aug				8400	12/14/1891	2078
24-Aug	20-Aug				8772	8/18/1894	1902
25-Aug	21-Aug				8158	12/14/1891	1754
26-Aug	22-Aug				7789	1/24/1891	1734
27-Aug	23-Aug				7236	6/10/1890	1597
28-Aug	24-Aug				6922	9/26/1889	1555
29-Aug	25-Aug				6664	7/10/1889	1630
30-Aug	26-Aug				6753	7/10/1889	1782
31-Aug	27-Aug				6532	6/1/1889	2014

WATER DISTRICT 01 - WEEKLY WATER REPORT 08/07/2024

Reach Name	DIVERSION DATA PRIORITY DATES	Projected Priority Dates For Actual Date 08/08/2024
SNAKE ABV LORENZO	7/12/1890	6/1/1889
HENRYS FORK	7/12/1890	6/1/1889
FALLS RIVER	7/12/1890	6/1/1889
TETON RIVER	7/12/1890	6/1/1885
TETON LOWER N. FORK	7/12/1890	10/17/1885
SNAKE ABV BLCKFOOT	7/12/1890	6/1/1889
SNAKE BLW BLCKFOOT	10/11/1900	10/11/1900

Diversion Data

Actual Date	Site	Diversion	CFS DIVN	CFS STOR	AF USED	AF RMNG
Aug 01	13022450	WY STORAGE USE	0	0	0	0
Aug 02	13033010	PALISADES CANAL	33	16	542	1011
Aug 02	13037505	ANDERSON CANAL (1A)	207	0	13567	35512
Aug 02	13037975	EAGLE ROCK CAN (1) (1B)	580	0	0	0
Aug 02	13037980	FARMERS FRIEND	275	0	6073	5391
Aug 02	13037985	ENTERPRISE CANAL	118	118	8368	22207
Aug 02	13038025	BUTLER ISLAND	41	0	123	123
Aug 02	13038030	ROSS AND RAND	0	0	82	78
Aug 02	13038055	HARRISON CANAL	293	185	7051	37564
Aug 02	13038085	RUDY CANAL	235	110	11115	13647
Aug 02	13038090	LOWDER SLOUGH CANAL	24	0	886	1927
Aug 02	13038098	KITE & NORD CANAL	11	4	69	230
Aug 02	13038110	BURGESS CANAL * (4A)	701	58	18601	32109
Aug 02	13038115	CLARK & EDWARDS * (5A)	71	1	42	788
Aug 02	13038145	CROFT DITCH	1	1	34	94
Aug 02	13038150	EAST LABELLE CANAL	121	0	277	597
Aug 02	13038180	RIGBY CANAL	144	0	2077	4110
Aug 02	13038204	DILTS LATERAL (3) (6B)	0	0	0	0
Aug 02	13038205	DILTS CANAL (6A)	19	19	927	1610
Aug 02	13038210	ISLAND CANAL (30A)	97	1	306	4310
Aug 02	13038225	W. LABELLE & L.I. * (7A)	411	0	500	6024
Aug 02	13038305	PARKS & LEWISVILLE (36A)	288	0	3368	2031
Aug 02	13038315	NORTH RIGBY CANAL	46	0	345	833
Aug 02	13038340	WHITE DITCH (4) (7B)	1	0	0	0
Aug 02	13038360	BRAMWELL CANAL (8A)	0	0	0	0
Aug 02	13038362	ELLIS CANAL (5) (30B)	0	0	0	0
Aug 02	13038388	MATTSON-CRAIG CANAL	6	0	100	1167
Aug 02	13038392	SUNNYDELL CANAL (29A)	97	27	3849	7047
Aug 02	13038426	LENROOT CANAL	83	43	5148	11498
Aug 02	13038431	REID CANAL	153	5	1364	5638
Aug 02	13038434	TEXAS & LIBERTY	182	0	4	4809
Aug 02	13038435	BANNOCK JIM SLOUGH	7	0	35	978
Aug 02	13038436	HILL PETTINGER	0	0	203	671
Aug 02	13038437	NELSON COREY CANAL	3	0	1	347
Aug 01	13046310	DEWEY CANAL	0	0	48	531
Aug 01	13047305	YELLOWSTONE CANAL	14	14	1600	1954
Aug 01	13047475	MARYSVILLE CANAL * (9A)	112	112	9175	10778
Aug 01	13047575	FARMERS OWN CANAL (11A)	1	0	1946	6128
Aug 01	13047681	CONANT CK CANAL (12A)	7	7	1291	1132
Aug 01	13048475	ENTERPRISE CANAL	76	76	7226	16744
Aug 01	13048560	FALL RIVER CANAL (16A)	129	0	143	1951
Aug 01	13048705	CHESTER CANAL	6	1	340	962
Aug 01	13049010	SILKEY CANAL	19	4	142	-47
Aug 01	13049015	CURR CANAL	31	0	6	33
Aug 01	13049550	LAST CHANCE CANAL	52	22	1742	9759
Aug 01	13049560	CROSSCUT TO TETN	186	4	697	-697
Aug 01	13049561	XCUT FALL R (6) (16B)	125	0	0	0
Aug 01	13049705	FARMERS FRIEND	51	19	2260	2845
Aug 01	13049710	TWIN GROVES CANAL	30	30	1864	2296
Aug 01	13049725	ST ANTHY UNION (17A)	327	0	826	10049
Aug 01	13049805	SALEM UNION CANAL	129	129	6228	22995
Aug 01	13050525	EGIN CANAL	237	0	117	9397
Aug 01	13050530	ST ANTHY UNION (7) (17B)	46	0	0	0
Aug 01	13050535	INDEPENDENT CANAL	135	35	2606	29667
Aug 01	13050545	CONSOLIDATED FRMRS	160	80	5893	16600
Aug 01	13054515	CANYON CREEK CANAL	0	0	0	0
Aug 01	13055030	WILFORD CANAL	54	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 08/07/2024

Actual Date	Site	Diversion	CFS DIVN	CFS STOR	AF USED	AF RMNG
Aug 01	13055040	TETON IRRIGATION (18A)	28	0	0	1508
Aug 01	13055050	PIONEER CANAL	5	0	5	137
Aug 01	13055060	STEWART CANAL	2	0	0	461
Aug 01	13055205	PINCOCK-BYINGTON	4	0	6	279
Aug 01	13055209	Teton Island RCHG Pit	0	0	0	0
Aug 01	13055210	TETON ISLND FEEDER (35A)	209	0	1242	7743
Aug 01	13055245	SALEM UNION B	0	0	0	0
Aug 01	13055275	ROXANA CANAL	10	0	2	826
Aug 01	13055280	ISLAND WARD CANAL	0	0	749	2369
Aug 01	13055295	SAUREY CANAL	17	0	7	153
Aug 01	13055315	WOODMANSEE-JOHNSON (19A)	6	0	365	820
Aug 01	13055323	CITY OF REXBURG (34A)	13	0	1	-1
Aug 01	13055334	REXBURG IRRIGATION	96	0	642	3717
Aug 02	13057025	BUTTE & MARKET * (20A)	117	115	371	50072
Aug 02	13057030	BEAR TRAP CANAL	1	0	206	1218
Aug 02	13057125	OSGOOD CANAL	49	39	3321	8215
Aug 02	13057126	CLEMENTS CANAL	0	0	0	768
Aug 02	13057130	KENNEDY CANAL	2	0	0	540
Aug 02	13057135	GREAT WESTERN (21A)	258	202	4678	75434
Aug 02	13057145	IDAHO CANAL (33A)	748	0	2080	81757
Aug 02	13057250	PORTER CANAL (9) (21B)	162	0	0	0
Aug 02	13058125	FERGUSON CANAL	0	0	0	0
Aug 02	13058290	ORVAL AVERY CNL	13	0	0	0
Aug 02	13058310	ROY AVERY CANAL	15	0	0	0
Aug 02	13058370	R COOPER SAND CR	9	0	0	0
Aug 02	13058380	R COOPER WLLW CK	8	0	0	0
Aug 02	13058510	PROGRESSIVE SAND	383	0	0	0
Aug 02	13058514	W & O COOPER	7	0	0	0
Aug 02	13058515	IDAHO FR SAND CK	0	0	0	0
Aug 02	13058530	PROGRESSIVE WILL	124	0	1156	-1156
Aug 02	13059505	WOODVILLE CANAL (22A)	44	61	2955	11873
Aug 02	13059520	WOODVILLE SIPHON (22B)	16	0	0	0
Aug 02	13059525	SNAKE RIVER VLLY * (23A)	411	211	15615	68708
Aug 03	13060500	RESERVATION CANAL	332	332	8861	-8861
Aug 03	13060501	X RESERVATION	1	0	0	0
Aug 03	13061430	BLACKFOOT CANAL	281	0	0	23110
Aug 03	13061520	NEW LAVA SIDE * (24A)	94	15	55	11152
Aug 03	13061525	PEOPLES CANAL * (25A)	252	228	11658	60916
Aug 03	13061610	ABERDEEN CANAL	893	893	63111	194923
Aug 03	13061650	CORBETT CANAL	110	0	18	10631
Aug 03	13061670	NIELSON-HANSEN	0	0	0	0
Aug 03	13061705	RIVERSIDE CANAL * (26A)	101	0	567	1018
Aug 03	13061995	DANSKIN CANAL	165	0	14	1899
Aug 03	13062050	TREGO CANAL	48	0	0	5158
Aug 03	13062051	JENSEN GROVE	0	0	0	525
Aug 03	13062503	WEARYRICK CANAL	30	0	1	438
Aug 03	13062506	WATSON CANAL	79	0	12	1957
Aug 03	13062507	PARSONS CANAL	22	0	3	873
Aug 04	13069569	J RANDALL	0	0	0	0
Aug 04	13075800	PORTNEUF RENTAL	0	0	0	0
Aug 04	13075900	FT HALL MICHAUD	126	126	12726	115793
Aug 04	13076400	FALLS IRRIG PUMP	61	61	9979	52718
Aug 05	13080000	MINIDOKA NSIDE * (27A)	843	1860	153568	189120
Aug 05	13080500	MINIDOKA SSIDE (10) (27B)	1017	0	0	227698
Aug 06	13085500	A & B IRRIGATION	196	196	22024	112912
Aug 06	13085800	PA LATRL PUMP (11) (28B)	42	0	0	0
Aug 06	13086000	MILNER IRRIGATION	229	229	20913	69291
Aug 06	13086520	NSIDE XCT GDNG (11) (28E)	746	0	0	0
Aug 06	13086530	RES DIST #2 CANAL	1502	1502	133486	257807
Aug 06	13087000	N SIDE TWIN FALLS (28A)	2429	2961	261724	586975
Aug 06	13087500	TWIN FALLS S SIDE	3300	1380	143349	94561

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