

Water District 1 Report – July 31st, 2024

Over the past week, diversions have decreased more rapidly than the natural flow has receded. Specifically, the natural flow above Blackfoot has diminished by about 100 cubic feet per second (cfs) each day, whereas diversions have reduced by roughly 200 cfs daily. Currently, the natural flow above Blackfoot is approximately 8,000 cfs, while diversions in the same area stand at around 12,000 cfs. Below Blackfoot, both natural flow and diversions have remained relatively stable, with natural flow at around 1,700 cfs and diversions at about 10,000 cfs.

Water right priorities have remained relatively stable, with decreases in diversion demand and a slight amount of precipitation being key drivers. Above Blackfoot, the 1/24/1891 water right is receiving a partial fill. The Teton River has sufficient natural flow to partially fill the 6/1/1885 water right, with some additional fill into the 10/17/1885 water right for the lower North Fork diversions. Below Blackfoot, the 10/11/1900 water right is receiving a partial fill.

Reach gains above and below Blackfoot are following a pattern similar to that observed in 2005. An attached priority comparison provides details on water right priorities and natural flow supply available in August 2005.

The Bureau of Reclamation completed flow augmentation last week, releasing a total of 189,711.9 acre-feet from the Upper Snake. Flows past Milner have now decreased to 1,500 cfs as Idaho Power utilizes their storage allocation for another week.

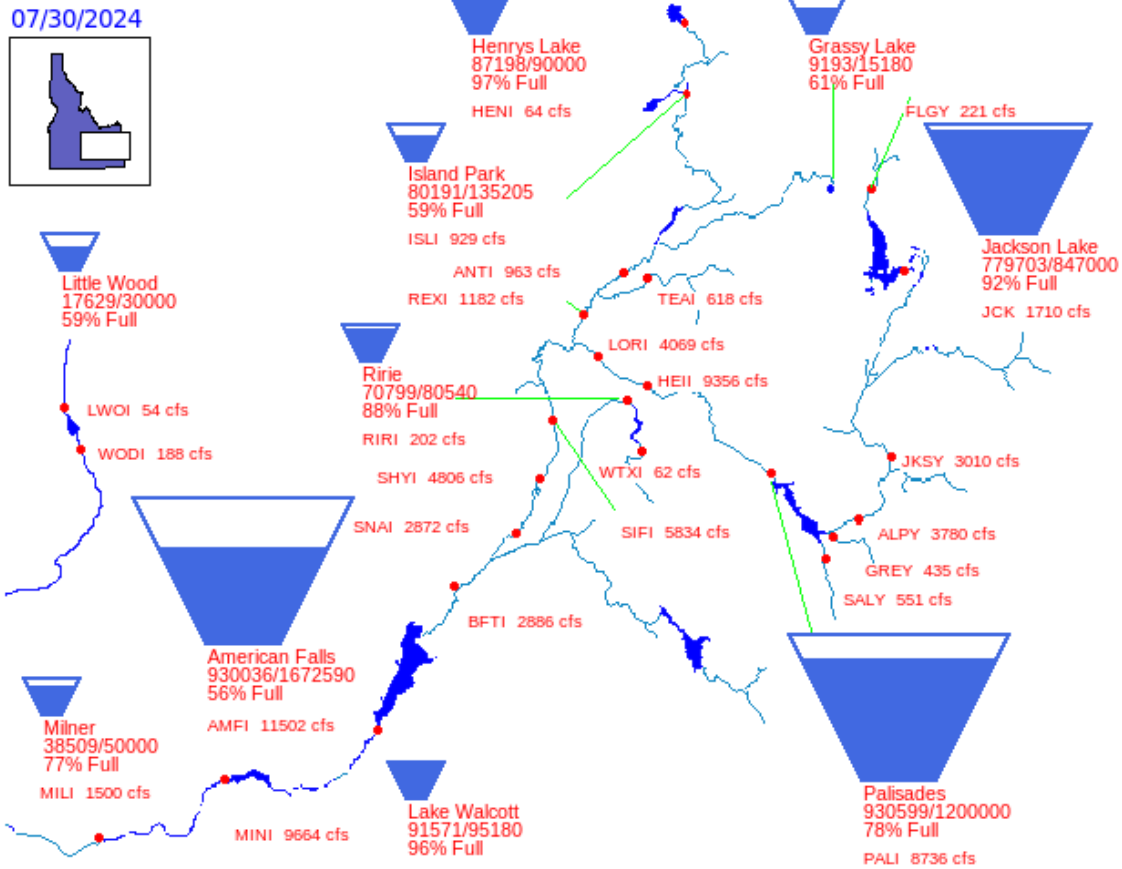
Storage rentals and adjustments have been updated with the latest rentals. A PDF version of the updated spreadsheet is available on our website. This update includes adjustments to Palisades Water User assignments and Fremont Madison Irrigation District assignments.

Calendar

August 5th - FIFC Nez Perce Subcommittee meeting at 8:30 am at Twin Falls Canal Conference room. An agenda will be posted to the website prior to the meeting.

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.

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



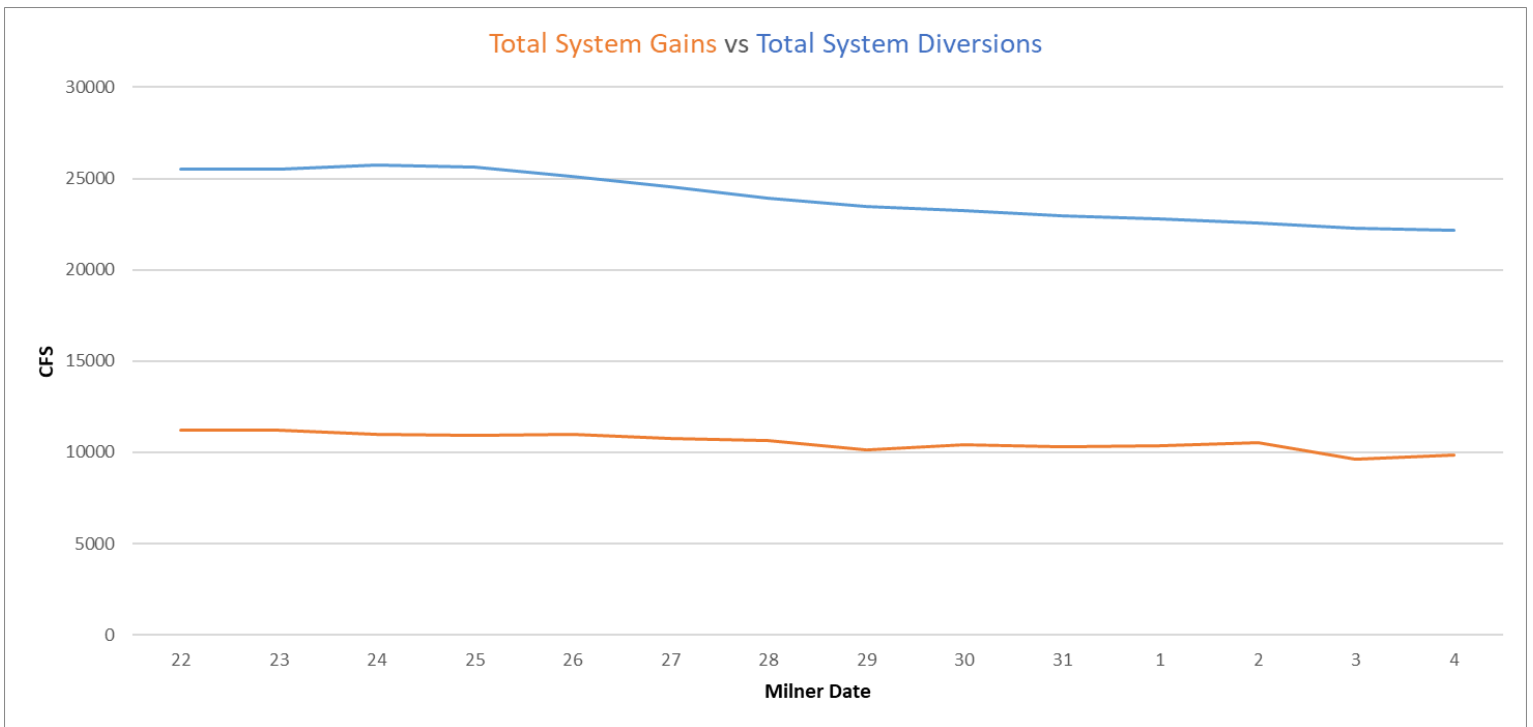
Average daily streamflows indicated in cubic feet per second.
Reservoir levels current as of midnight on date indicated.
Click on gaging stations (red dots) for streamflow hydrographs.

Upper Snake River system is at 71 % of capacity.

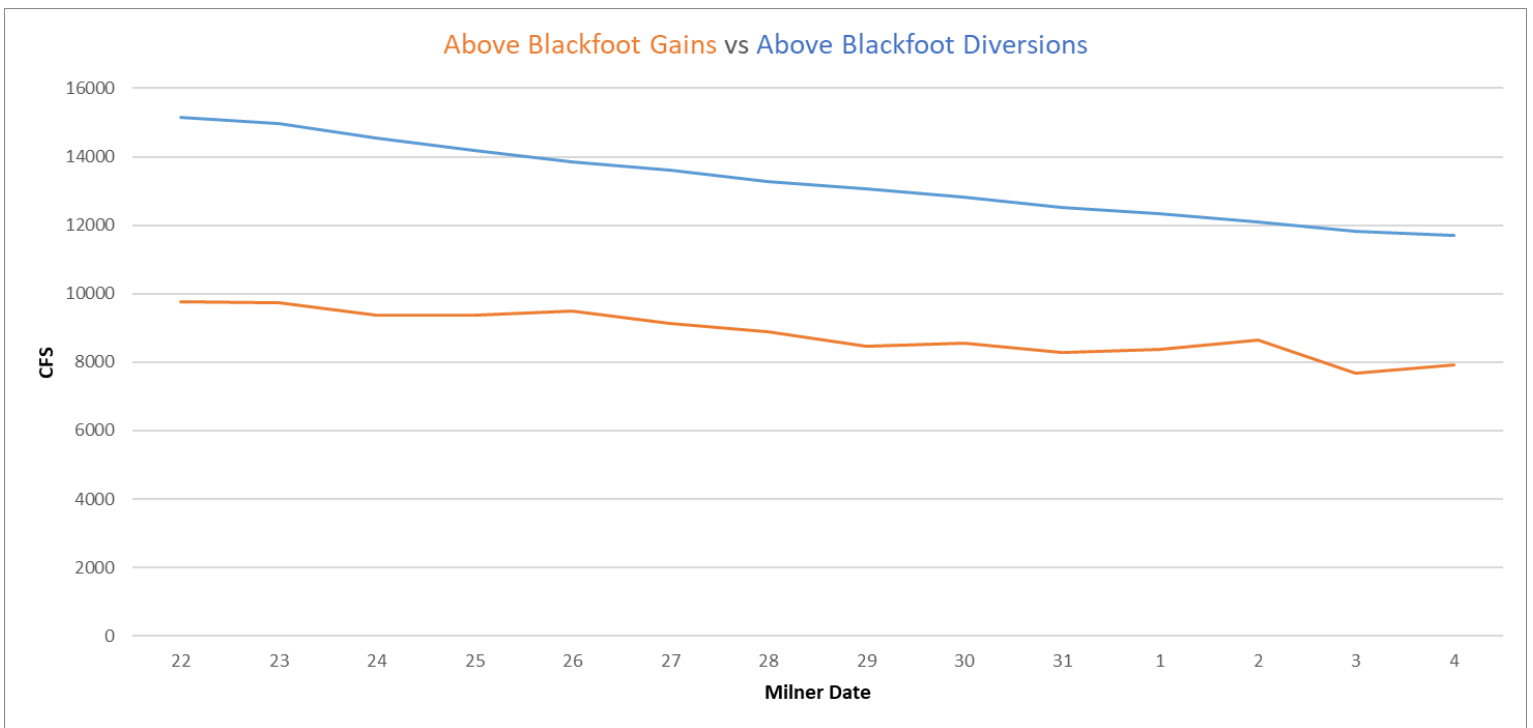
(Jackson Lake, Palisades, Grassy Lake, Island Park, Ririe, American Falls, Lake Walcott)

Total space available: 1153603 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	9637	6/1/1891	1631	10586	4/28/1892	1533
21-Jul	17-Jul	9338	1/24/1891	1595	10467	6/1/1892	1516
22-Jul	18-Jul	9751	12/14/1891	1439	10303	5/1/1892	1578
23-Jul	19-Jul	9731	12/14/1891	1467	9543	1/24/1891	1635
24-Jul	20-Jul	9379	12/14/1891	1638	9098	10/16/1890	1465
25-Jul	21-Jul	9360	12/14/1891	1576	8452	6/10/1890	1649
26-Jul	22-Jul	9484	12/14/1891	1525	8395	7/12/1890	1734
27-Jul	23-Jul	9120	12/14/1891	1610	8647	10/16/1890	1945
28-Jul	24-Jul	8883	12/14/1891	1795	8522	10/16/1890	1913
29-Jul	25-Jul	8458	1/24/1891	1709	8919	11/24/1890	1868
30-Jul	26-Jul	8559	12/14/1891	1880	8736	10/16/1890	1871
31-Jul	27-Jul	8292 *	6/1/1891 *		8334	6/10/1890	1987
1-Aug	28-Jul	8366 *	12/14/1891 *		8210	6/10/1890	2062
2-Aug	29-Jul	8634 *	4/28/1892 *		7995	6/10/1890	2078
3-Aug	30-Jul	7576 *	7/12/1890 *		7745	6/1/1890	2098
4-Aug	31-Jul	7928 *	1/24/1891 *		7858	6/10/1890	2151
5-Aug	1-Aug				8041	7/12/1890	2176
6-Aug	2-Aug		* Projected Data		8024	10/16/1890	2239
7-Aug	3-Aug				8188	1/24/1891	2042
8-Aug	4-Aug				8055	10/16/1890	1881
9-Aug	5-Aug				7778	7/12/1890	1886
10-Aug	6-Aug				7711	6/10/1890	1869
11-Aug	7-Aug				7546	6/10/1890	1973
12-Aug	8-Aug				7164	3/1/1890	2030
13-Aug	9-Aug				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 07/31/2024

Reach Name	DIVERSION DATA PRIORITY DATES	Projected Priority Dates For Actual Date 08/01/2024
SNAKE ABV LORENZO	12/14/1891	1/24/1891
HENRYS FORK	12/14/1891	1/24/1891
FALLS RIVER	12/14/1891	1/24/1891
TETON RIVER	6/1/1885	6/1/1885
TETON LOWER N. FORK	12/14/1891	10/17/1885
SNAKE ABV BLCKFOOT	12/14/1891	1/24/1891
SNAKE BLW BLCKFOOT	10/11/1900	10/11/1900

Diversion Data

Actual Date	Site	Diversion	CFS DIVN	CFS STOR	AF USED	AF RMNG
Ju1 25	13022450	WY STORAGE USE	0	0	0	0
Ju1 26	13033010	PALISADES CANAL	20	3	461	927
Ju1 26	13037505	ANDERSON CANAL (1A)	245	8	13566	35257
Ju1 26	13037975	EAGLE ROCK CAN (1) (1B)	580	0	0	0
Ju1 26	13037980	FARMERS FRIEND	299	0	6073	5376
Ju1 26	13037985	ENTERPRISE CANAL	137	137	6617	25814
Ju1 26	13038025	BUTLER ISLAND	39	0	125	121
Ju1 26	13038030	ROSS AND RAND	5	0	82	78
Ju1 26	13038055	HARRISON CANAL	265	0	6690	37925
Ju1 26	13038085	RUDY CANAL	257	131	9315	15448
Ju1 26	13038090	LOWDER SLOUGH CANAL	48	22	808	2005
Ju1 26	13038098	KITE & NORD CANAL	7	0	47	251
Ju1 26	13038110	BURGESS CANAL * (4A)	700	57	17771	32940
Ju1 26	13038115	CLARK & EDWARDS * (5A)	70	0	34	796
Ju1 26	13038145	CROFT DITCH	0	0	24	104
Ju1 26	13038150	EAST LABELLE CANAL	121	1	275	599
Ju1 26	13038180	RIGBY CANAL	138	0	2077	4110
Ju1 26	13038204	DILTS LATERAL (3) (6B)	10	0	0	0
Ju1 26	13038205	DILTS CANAL (6A)	12	22	678	1859
Ju1 26	13038210	ISLAND CANAL (30A)	95	0	309	4307
Ju1 26	13038225	W. LABELLE & L.I. * (7A)	383	0	500	6024
Ju1 26	13038305	PARKS & LEWISVILLE (36A)	315	0	3368	2031
Ju1 26	13038315	NORTH RIGBY CANAL	41	0	345	833
Ju1 26	13038340	WHITE DITCH (4) (7B)	2	0	0	0
Ju1 26	13038360	BRAMWELL CANAL (8A)	0	0	0	0
Ju1 26	13038362	ELLIS CANAL (5) (30B)	0	0	0	0
Ju1 26	13038388	MATTSON-CRAIG CANAL	11	4	75	1192
Ju1 26	13038392	SUNNYDELL CANAL (29A)	108	9	3647	7249
Ju1 26	13038426	LENROOT CANAL	114	59	4515	12131
Ju1 26	13038431	REID CANAL	148	0	1357	5645
Ju1 26	13038434	TEXAS & LIBERTY	183	0	9	4804
Ju1 26	13038435	BANNOCK JIM SLOUGH	9	0	47	966
Ju1 26	13038436	HILL PETTINGER	0	0	203	671
Ju1 26	13038437	NELSON COREY CANAL	0	0	1	347
Ju1 25	13046310	DEWEY CANAL	0	0	48	531
Ju1 25	13047305	YELLOWSTONE CANAL	38	38	1445	2109
Ju1 25	13047475	MARYSVILLE CANAL * (9A)	133	133	7607	12347
Ju1 25	13047575	FARMERS OWN CANAL (11A)	34	31	1630	6445
Ju1 25	13047681	CONANT CK CANAL (12A)	16	16	1263	1160
Ju1 25	13048475	ENTERPRISE CANAL	68	68	6052	17918
Ju1 25	13048560	FALL RIVER CANAL (16A)	140	0	143	1951
Ju1 25	13048705	CHESTER CANAL	4	0	326	977
Ju1 25	13049010	SILKEY CANAL	23	4	23	73
Ju1 25	13049015	CURR CANAL	34	0	3	37
Ju1 25	13049550	LAST CHANCE CANAL	55	25	1405	10095
Ju1 25	13049560	CROSSCUT TO TETN	308	0	511	-511
Ju1 25	13049561	XCUT FALL R (6) (16B)	163	0	0	0
Ju1 25	13049705	FARMERS FRIEND	64	32	1958	3147
Ju1 25	13049710	TWIN GROVES CANAL	33	33	1517	2643
Ju1 25	13049725	ST ANTHY UNION (17A)	372	0	826	10049
Ju1 25	13049805	SALEM UNION CANAL	176	176	4501	24722
Ju1 25	13050525	EGIN CANAL	270	0	117	9397
Ju1 25	13050530	ST ANTHY UNION (7) (17B)	57	0	0	0
Ju1 25	13050535	INDEPENDENT CANAL	139	39	2091	30183
Ju1 25	13050545	CONSOLIDATED FRMRS	192	112	4829	17665
Ju1 25	13054515	CANYON CREEK CANAL	0	0	0	0
Ju1 25	13055030	WILFORD CANAL	72	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 07/31/2024

Actual Date	Site	Diversion	CFS DIVN	CFS STOR	AF USED	AF RMNG
Ju1 25	13055040	TETON IRRIGATION (18A)	45	0	0	1508
Ju1 25	13055050	PIONEER CANAL	8	0	1	141
Ju1 25	13055060	STEWART CANAL	3	0	0	461
Ju1 25	13055205	PINCOCK-BYINGTON	7	0	30	255
Ju1 25	13055209	Teton Island RCHG Pit	0	0	0	0
Ju1 25	13055210	TETON ISLND FEEDER (35A)	277	69	1269	7716
Ju1 25	13055245	SALEM UNION B	0	0	0	0
Ju1 25	13055275	ROXANA CANAL	25	9	186	641
Ju1 25	13055280	ISLAND WARD CANAL	37	37	950	2168
Ju1 25	13055295	SAUREY CANAL	8	0	0	160
Ju1 25	13055315	WOODMANSEE-JOHNSON (19A)	6	6	314	872
Ju1 25	13055323	CITY OF REXBURG (34A)	8	0	0	0
Ju1 25	13055334	REXBURG IRRIGATION	125	0	642	3717
Ju1 26	13057025	BUTTE & MARKET * (20A)	189	0	0	50443
Ju1 26	13057030	BEAR TRAP CANAL	2	0	206	1218
Ju1 26	13057125	OSGOOD CANAL	93	72	2833	8704
Ju1 26	13057126	CLEMENTS CANAL	0	0	0	768
Ju1 26	13057130	KENNEDY CANAL	2	0	0	540
Ju1 26	13057135	GREAT WESTERN (21A)	286	0	3704	76408
Ju1 26	13057145	IDAHO CANAL (33A)	805	0	2080	81757
Ju1 26	13057250	PORTER CANAL (9) (21B)	210	0	0	0
Ju1 26	13058125	FERGUSON CANAL	0	0	0	0
Ju1 26	13058290	ORVAL AVERY CNL	9	0	0	0
Ju1 26	13058310	ROY AVERY CANAL	25	0	0	0
Ju1 26	13058370	R COOPER SAND CR	11	0	0	0
Ju1 26	13058380	R COOPER WLLW CK	10	0	0	0
Ju1 26	13058510	PROGRESSIVE SAND	393	0	0	0
Ju1 26	13058514	W & O COOPER	9	0	0	0
Ju1 26	13058515	IDAHO FR SAND CK	0	0	0	0
Ju1 26	13058530	PROGRESSIVE WILL	116	0	1337	-1337
Ju1 26	13059505	WOODVILLE CANAL (22A)	52	68	2052	12776
Ju1 26	13059520	WOODVILLE SIPHON (22B)	16	0	0	0
Ju1 26	13059525	SNAKE RIVER VLLY * (23A)	460	260	12585	71739
Ju1 27	13060500	RESERVATION CANAL	313	313	5980	-5980
Ju1 27	13060501	X RESERVATION	83	0	10	-10
Ju1 27	13061430	BLACKFOOT CANAL	326	0	0	23110
Ju1 27	13061520	NEW LAVA SIDE * (24A)	102	0	0	11207
Ju1 27	13061525	PEOPLES CANAL * (25A)	261	237	8476	64098
Ju1 27	13061610	ABERDEEN CANAL	957	957	50256	207778
Ju1 27	13061650	CORBETT CANAL	116	0	20	10629
Ju1 27	13061670	NIELSON-HANSEN	0	0	0	0
Ju1 27	13061705	RIVERSIDE CANAL * (26A)	102	0	567	1018
Ju1 27	13061995	DANSKIN CANAL	160	0	14	1899
Ju1 27	13062050	TREGO CANAL	48	0	0	5158
Ju1 27	13062051	JENSEN GROVE	0	0	0	525
Ju1 27	13062503	WEARYRICK CANAL	34	0	1	438
Ju1 27	13062506	WATSON CANAL	81	0	12	1957
Ju1 27	13062507	PARSONS CANAL	25	0	3	873
Ju1 28	13069569	J RANDALL	0	0	0	0
Ju1 28	13075800	PORTNEUF RENTAL	0	0	0	0
Ju1 28	13075900	FT HALL MICHAUD	126	126	10864	117655
Ju1 28	13076400	FALLS IRRIG PUMP	85	85	8890	53807
Ju1 29	13080000	MINIDOKA NSIDE * (27A)	774	1616	128179	214509
Ju1 29	13080500	MINIDOKA SSIDE (10) (27B)	842	0	0	227698
Ju1 30	13085500	A & B IRRIGATION	202	202	19388	115548
Ju1 30	13085800	PA LATRL PUMP (11) (28B)	44	0	0	0
Ju1 30	13086000	MILNER IRRIGATION	210	210	17899	72206
Ju1 30	13086520	NSIDE XCT GDNG (11) (28E)	743	0	0	0
Ju1 30	13086530	RES DIST #2 CANAL	1533	1533	112590	278703
Ju1 30	13087000	N SIDE TWIN FALLS (28A)	2473	3039	222860	625839
Ju1 30	13087500	TWIN FALLS S SIDE	3287	1629	121586	116323

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