

Water District 1 Report – September 11th, 2024

Over the past week, natural flow and diversions have remained relatively steady. Water right priorities upstream of Blackfoot have hovered around the 1889 level. System-wide reservoir contents are currently at about 2 million acre-feet, similar to this time last year. Forecasts for the next few days suggest cool temperatures and some precipitation.

Flows and Diversions:

Above Blackfoot:

- Natural flow has been steady at 6,000 cfs.
- Diversions have held steady at 10,200 cfs.
- The priority date is currently at the June 1, 1889 water right, which is expected to receive a partial fill tomorrow. This may increase throughout the week and into the weekend if the upcoming precipitation event boosts natural flow or reduces diversions.

Above Lorenzo:

- We are approaching a split in water right priorities on the Snake River at Lorenzo. This occurs when all available natural flow upstream of Lorenzo is diverted by senior water rights holders. While the forecasted precipitation may delay this split, managers are advised to monitor projected priorities on our website. We expect to have more precise information on the potential split by Friday.

Below Blackfoot:

- Natural flow has been steady with current levels at 2,100 cfs.
- Diversions have decreased by around 700 cfs, now at 8,700 cfs.
- The current priority date is 10/11/1900.

Teton River:

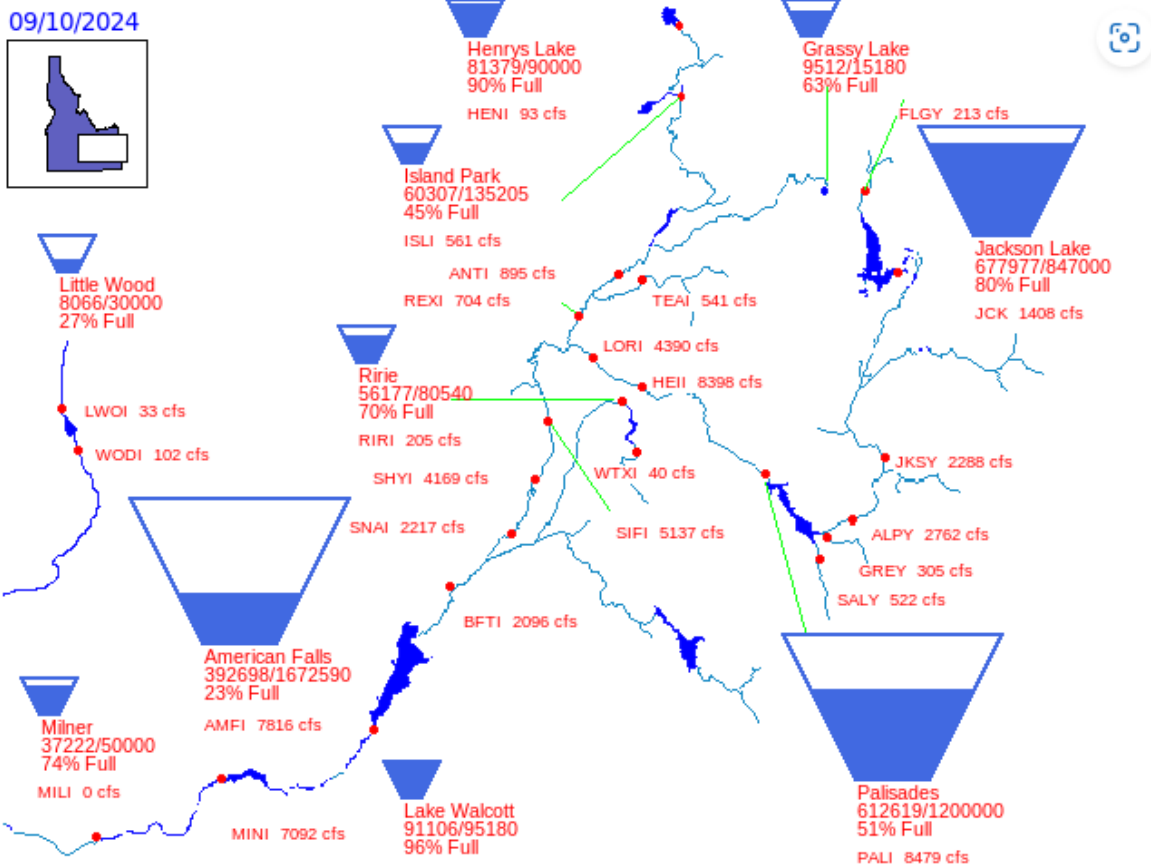
- The 6/1/1885 water right is projected to be partially deliverable.
- The Lower North Fork is projected to receive a partial fill of the 10/17/1885 water right.

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.

Parties interested in recharging storage water this fall are encouraged to finalize private leases and assignments as soon as possible to start water delivery early. With limited capacity at some recharge locations, initiating the process sooner will help achieve larger volumes.

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

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.

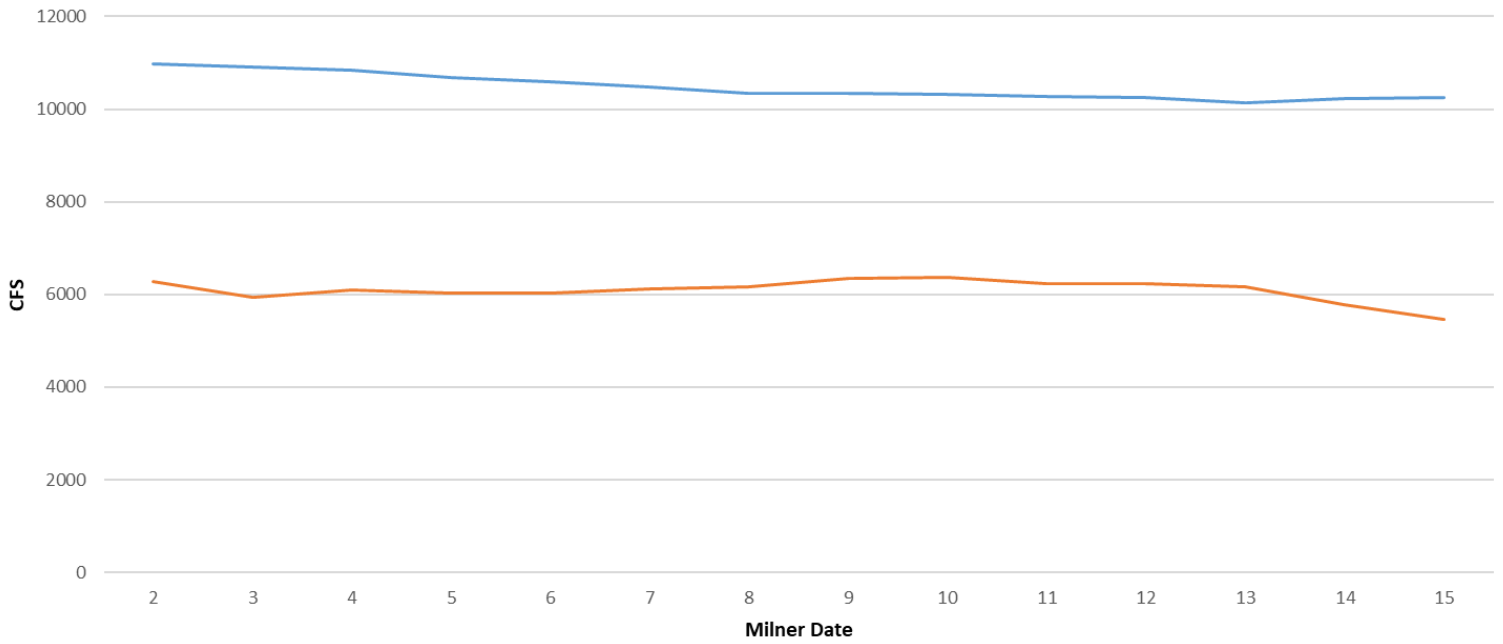
Upper Snake River system is at 47 % of capacity.

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

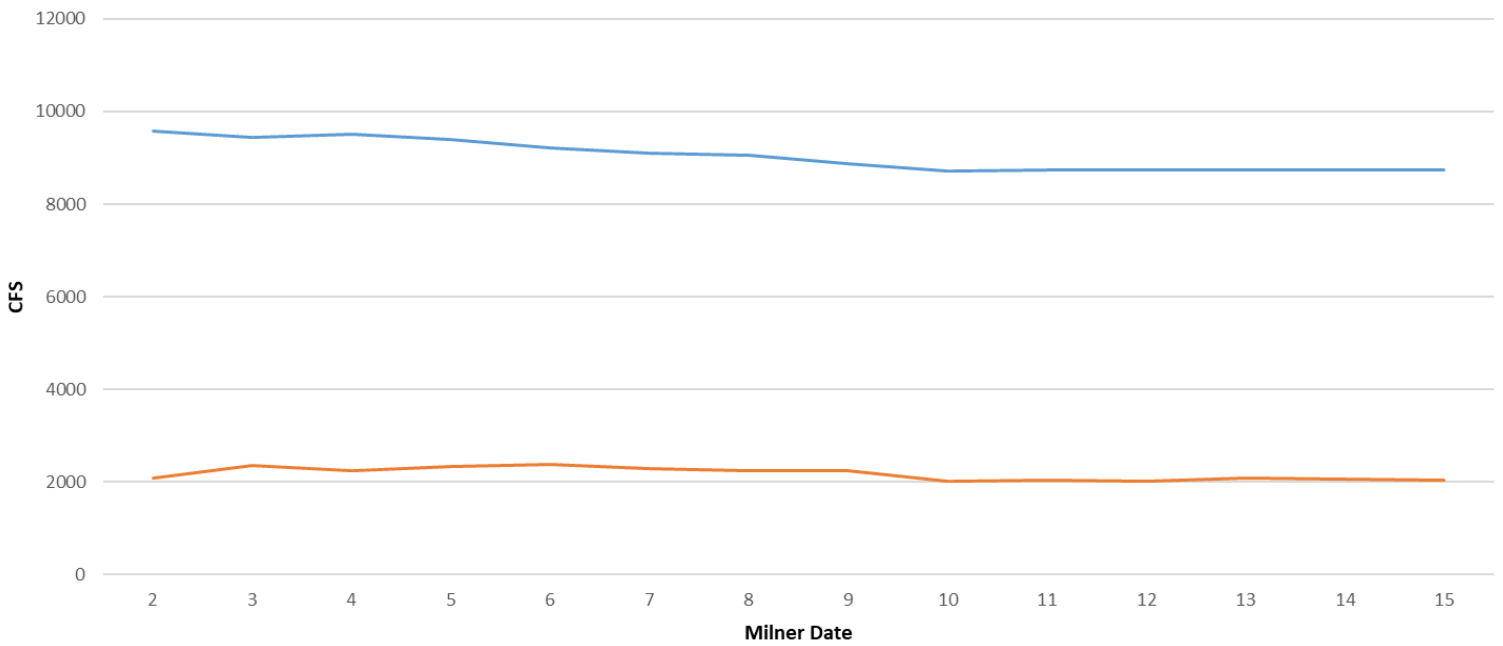
Total space available: 2145299 AF

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
15-Aug	11-Aug	7093	7/10/1889	2329	6409	6/1/1889	2145
16-Aug	12-Aug	7335	6/10/1890	2397	7028	3/1/1890	2191
17-Aug	13-Aug	7178	6/1/1890	2473	6962	3/1/1890	2427
18-Aug	14-Aug	7579	10/16/1890	2535	6876	3/1/1890	2299
19-Aug	15-Aug	7751	1/24/1891	2422	6739	7/10/1889	2209
20-Aug	16-Aug	7801	12/14/1891	2396	6870	7/10/1889	2170
21-Aug	17-Aug	7518	1/24/1891	2282	6901	7/10/1889	2057
22-Aug	18-Aug	7356	1/24/1891	2135	7309	6/10/1890	2103
23-Aug	19-Aug	7606	6/1/1891	2061	8400	12/14/1891	2078
24-Aug	20-Aug	7497	6/1/1891	2120	8772	8/18/1894	1902
25-Aug	21-Aug	7093	7/12/1890	2190	8158	12/14/1891	1754
26-Aug	22-Aug	6896	6/10/1890	2240	7789	1/24/1891	1734
27-Aug	23-Aug	6561	7/10/1889	2121	7236	6/10/1890	1597
28-Aug	24-Aug	6489	7/10/1889	2185	6922	9/26/1889	1555
29-Aug	25-Aug	6516	6/1/1890	2085	6664	7/10/1889	1630
30-Aug	26-Aug	6464	7/10/1889	2164	6753	7/10/1889	1782
31-Aug	27-Aug	6569	6/1/1890	2253	6532	6/1/1889	2014
1-Sep	28-Aug	6373	7/10/1889	2164	6549	7/10/1889	2129
2-Sep	29-Aug	6273	6/1/1889	2097	6245	6/1/1889	2090
3-Sep	30-Aug	5946	6/1/1889	2360	6157	6/1/1889	2104
4-Sep	31-Aug	6102	6/1/1889	2252	6014	6/1/1889	2128
5-Sep	1-Sep	6027	7/10/1889	2346	5969	6/1/1889	2159
6-Sep	2-Sep	6036	7/10/1889	2384	6159	6/1/1889	2207
7-Sep	3-Sep	6114	7/10/1889	2291	6119	6/1/1889	2344
8-Sep	4-Sep	6170	6/1/1890	2241	6121	6/1/1889	2419
9-Sep	5-Sep	6348	6/1/1890	2250	5998	6/1/1889	2485
10-Sep	6-Sep	6369	6/1/1890	2017	6089	6/1/1889	2462
11-Sep	7-Sep	6228 *	7/10/1889 *		6006	5/11/1889	2488
12-Sep	8-Sep	6223 *	7/10/1889 *		6054	5/11/1889	2438
13-Sep	9-Sep	6165 *	6/1/1889 *		6059	5/11/1889	2432
14-Sep	10-Sep				6051	7/10/1889	2538
15-Sep	11-Sep				6264	10/16/1890	2464
16-Sep	12-Sep		* Projected Data		6573	1/24/1891	2385
17-Sep	13-Sep				6663	1/24/1891	2323
18-Sep	14-Sep				6648	1/24/1891	2247
19-Sep	15-Sep				6665	1/24/1891	2197
20-Sep	16-Sep				6341	10/16/1890	2273
21-Sep	17-Sep				6293	10/16/1890	2323
22-Sep	18-Sep				6495	1/24/1891	2327
23-Sep	19-Sep				6577	1/24/1891	2277
24-Sep	20-Sep				6526	1/24/1891	2272
25-Sep	21-Sep				6736	8/18/1894	2263
26-Sep	22-Sep				6948	2/6/1895	2330
27-Sep	23-Sep				6712	2/6/1895	2455
28-Sep	24-Sep				7156	11/5/1895	2494
29-Sep	25-Sep				7595	3/26/1903	2537

WATER DISTRICT 01 - WEEKLY WATER REPORT 09/11/2024

Reach Name	DIVERSION DATA PRIORITY DATES	Projected Priority Dates For Actual Date 09/12/2024
SNAKE ABV LORENZO	6/1/1890	6/1/1889
HENRYS FORK	6/1/1890	6/1/1889
FALLS RIVER	6/1/1890	6/1/1889
TETON RIVER	6/1/1885	6/1/1885
TETON LOWER N. FORK	10/17/1885	10/17/1885
SNAKE ABV BLCKFOOT	6/1/1890	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
Sep 05	13022450	WY STORAGE USE	0	0	0	0
Sep 06	13033010	PALISADES CANAL	15	5	766	787
Sep 06	13037505	ANDERSON CANAL (1A)	172	0	14062	26268
Sep 06	13037975	EAGLE ROCK CAN (1) (1B)	605	0	0	0
Sep 06	13037980	FARMERS FRIEND	306	0	6073	5394
Sep 06	13037985	ENTERPRISE CANAL	0	0	15144	14358
Sep 06	13038025	BUTLER ISLAND	34	0	119	126
Sep 06	13038030	ROSS AND RAND	4	0	109	51
Sep 06	13038055	HARRISON CANAL	296	226	19638	24977
Sep 06	13038085	RUDY CANAL	220	95	17821	6942
Sep 06	13038090	LOWDER SLOUGH CANAL	24	16	2261	552
Sep 06	13038098	KITE & NORD CANAL	0	0	96	203
Sep 06	13038110	BURGESS CANAL * (4A)	706	304	35112	15598
Sep 06	13038115	CLARK & EDWARDS * (5A)	69	0	158	672
Sep 06	13038145	CROFT DITCH	1	1	48	80
Sep 06	13038150	EAST LABELLE CANAL	90	0	278	596
Sep 06	13038180	RIGBY CANAL	118	0	2077	4110
Sep 06	13038204	DILTS LATERAL (3) (6B)	0	0	0	0
Sep 06	13038205	DILTS CANAL (6A)	12	12	2358	179
Sep 06	13038210	ISLAND CANAL (30A)	98	1	1316	3300
Sep 06	13038225	W. LABELLE & L.I. * (7A)	397	0	500	6024
Sep 06	13038305	PARKS & LEWISVILLE (36A)	270	0	3368	2031
Sep 06	13038315	NORTH RIGBY CANAL	49	0	425	753
Sep 06	13038340	WHITE DITCH (4) (7B)	2	0	0	0
Sep 06	13038360	BRAMWELL CANAL (8A)	0	0	0	0
Sep 06	13038362	ELLIS CANAL (5) (30B)	0	0	0	0
Sep 06	13038388	MATTSON-CRAIG CANAL	9	2	228	1039
Sep 06	13038392	SUNNYDELL CANAL (29A)	106	37	7586	3310
Sep 06	13038426	LENROOT CANAL	52	12	8416	8230
Sep 06	13038431	REID CANAL	115	0	1617	5385
Sep 06	13038434	TEXAS & LIBERTY	150	0	5	4809
Sep 06	13038435	BANNOCK JIM SLOUGH	0	0	59	954
Sep 06	13038436	HILL PETTINGER	0	0	331	543
Sep 06	13038437	NELSON COREY CANAL	0	0	0	348
Sep 05	13046310	DEWEY CANAL	0	0	47	532
Sep 05	13047305	YELLOWSTONE CANAL	3	3	1996	1558
Sep 05	13047475	MARYSVILLE CANAL * (9A)	45	45	13615	6290
Sep 05	13047575	FARMERS OWN CANAL (11A)	0	0	1946	6128
Sep 05	13047681	CONANT CK CANAL (12A)	9	9	1578	845
Sep 05	13048475	ENTERPRISE CANAL	48	48	11043	12928
Sep 05	13048560	FALL RIVER CANAL (16A)	40	0	296	1798
Sep 05	13048705	CHESTER CANAL	5	0	538	764
Sep 05	13049010	SILKEY CANAL	1	0	466	-371
Sep 05	13049015	CURR CANAL	30	0	81	-42
Sep 05	13049550	LAST CHANCE CANAL	51	21	3328	8172
Sep 05	13049560	CROSSCUT TO TETN	94	0	828	-828
Sep 05	13049561	XCUT FALL R (6) (16B)	92	0	0	0
Sep 05	13049705	FARMERS FRIEND	46	13	3059	1800
Sep 05	13049710	TWIN GROVES CANAL	25	25	3697	463
Sep 05	13049725	ST ANTHY UNION (17A)	318	149	3668	17207
Sep 05	13049805	SALEM UNION CANAL	116	116	15180	14043
Sep 05	13050525	EGIN CANAL	193	0	497	9017
Sep 05	13050530	ST ANTHY UNION (7) (17B)	46	0	0	0
Sep 05	13050535	INDEPENDENT CANAL	115	15	4314	27959
Sep 05	13050545	CONSOLIDATED FRMRS	128	103	13830	8663
Sep 05	13054515	CANYON CREEK CANAL	0	0	0	0
Sep 05	13055030	WILFORD CANAL	64	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 09/11/2024

Actual Date	Site	Diversion	CFS DIVN	CFS STOR	AF USED	AF RMNG
Sep 05	13055040	TETON IRRIGATION (18A)	27	0	0	1508
Sep 05	13055050	PIONEER CANAL	0	0	15	127
Sep 05	13055060	STEWART CANAL	4	0	0	461
Sep 05	13055205	PINCOCK-BYINGTON	3	0	6	279
Sep 05	13055209	Teton Island RCHG Pit	0	0	0	0
Sep 05	13055210	TETON ISLND FEEDER (35A)	197	29	3951	4665
Sep 05	13055245	SALEM UNION B	0	0	0	0
Sep 05	13055275	ROXANA CANAL	0	0	2	826
Sep 05	13055280	ISLAND WARD CANAL	0	0	742	2377
Sep 05	13055295	SAUREY CANAL	9	0	14	146
Sep 05	13055315	WOODMANSEE-JOHNSON (19A)	0	0	396	790
Sep 05	13055323	CITY OF REXBURG (34A)	14	0	12	-12
Sep 05	13055334	REXBURG IRRIGATION	95	0	642	3428
Sep 06	13057025	BUTTE & MARKET * (20A)	113	111	8672	41771
Sep 06	13057030	BEAR TRAP CANAL	17	14	521	903
Sep 06	13057125	OSGOOD CANAL	28	18	4551	6986
Sep 06	13057126	CLEMENTS CANAL	0	0	0	768
Sep 06	13057130	KENNEDY CANAL	13	0	17	523
Sep 06	13057135	GREAT WESTERN (21A)	279	231	20001	60114
Sep 06	13057145	IDAHO CANAL (33A)	712	0	2080	81757
Sep 06	13057250	PORTER CANAL (9) (21B)	169	0	0	0
Sep 06	13058125	FERGUSON CANAL	0	0	0	0
Sep 06	13058290	ORVAL AVERY CNL	3	0	0	0
Sep 06	13058310	ROY AVERY CANAL	20	0	0	0
Sep 06	13058370	R COOPER SAND CR	9	0	0	0
Sep 06	13058380	R COOPER WLLW CK	9	0	0	0
Sep 06	13058510	PROGRESSIVE SAND	332	0	0	0
Sep 06	13058514	W & O COOPER	0	0	0	0
Sep 06	13058515	IDAHO FR SAND CK	0	0	0	0
Sep 06	13058530	PROGRESSIVE WILL	134	0	1896	-1896
Sep 06	13059505	WOODVILLE CANAL (22A)	47	59	6697	8172
Sep 06	13059520	WOODVILLE SIPHON (22B)	11	0	0	0
Sep 06	13059525	SNAKE RIVER VLLY * (23A)	368	168	28393	55931
Sep 07	13060500	RESERVATION CANAL	370	370	34378	-34378
Sep 07	13060501	X RESERVATION	0	0	275	-275
Sep 07	13061430	BLACKFOOT CANAL	249	0	4382	18729
Sep 07	13061520	NEW LAVA SIDE * (24A)	80	0	445	10783
Sep 07	13061525	PEOPLES CANAL * (25A)	230	206	26864	45710
Sep 07	13061610	ABERDEEN CANAL	854	854	127977	130058
Sep 07	13061650	CORBETT CANAL	100	0	43	10605
Sep 07	13061670	NIELSON-HANSEN	0	0	0	0
Sep 07	13061705	RIVERSIDE CANAL * (26A)	91	0	967	618
Sep 07	13061995	DANSKIN CANAL	133	0	14	1899
Sep 07	13062050	TREGO CANAL	45	25	1732	3426
Sep 07	13062051	JENSEN GROVE	0	0	0	525
Sep 07	13062503	WEARYRICK CANAL	21	0	50	390
Sep 07	13062506	WATSON CANAL	77	0	12	1957
Sep 07	13062507	PARSONS CANAL	22	0	3	873
Sep 08	13069569	J RANDALL	0	0	0	100
Sep 08	13075800	PORTNEUF RENTAL	0	0	0	0
Sep 08	13075900	FT HALL MICHAUD	126	126	21793	106726
Sep 08	13076400	FALLS IRRIG PUMP	48	48	14589	48109
Sep 09	13080000	MINIDOKA NSIDE * (27A)	689	1350	266374	75898
Sep 09	13080500	MINIDOKA SSIDE (10) (27B)	661	0	0	227698
Sep 10	13085500	A & B IRRIGATION	135	135	35166	99770
Sep 10	13085800	PA LATRL PUMP (11) (28B)	35	0	0	0
Sep 10	13086000	MILNER IRRIGATION	191	191	35863	54342
Sep 10	13086520	NSIDE XCT GDNG (11) (28E)	752	0	0	0
Sep 10	13086530	RES DIST #2 CANAL	1335	1335	235178	156116
Sep 10	13087000	N SIDE TWIN FALLS (28A)	1817	2366	454304	394574
Sep 10	13087500	TWIN FALLS S SIDE	2878	1098	229684	8225

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