

2002

WATER MASTER REPORT FOR WATER DISTRICT #11

Herein, tabulation's for the 2002 irrigation season showing:

1 Daily discharge of Bear River gaging stations and irrigation diversions.

2 Stored water releases.

GENERAL NOTES

A Bear Lake Elevations

4-21-2002 5912.20 (Max.elev.)

11-16-2002 5907.58 (Low elev.)

B Outlet Canal Operation

5-28-2002 Commenced irrigation releases

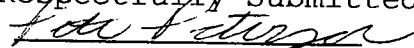
6-25-2002 Max.release (1658 cfs.)

9-18-2002 Outlet Canal shut off

C Bear Lake Storage Release

204,000 AF released

Respectfully Submitted



Pete Peterson

Bear River Water master

NOTE:

Data for river stations are the preliminary data, which are used in the daily natural flow computations. Records for these stations are subject to revision before publication by USGS.

BEAR LAKE/BEAR RIVER SYSTEM SUMMARY OF 2002 OPERATION

BEAR LAKE

- Low elevation, fall of 2001 (10/31/01)5911.15
- High elevation, spring of 2002 (4/21/02) 5912.20
- Elevation, September 30, 20025907.88
- Elevation, November 16, 2002 5907.58
- Remaining capacity at Nov. 16 level340,000 Ac. Ft. (24%)

BEAR LAKE RUNOFF

- Rainbow Inlet canal runoff forecast (April 1, 2002) ...110,000 Ac. Ft. (38%)
- Actual runoff (April-July, 2002)8,000 Ac. Ft. (2.7%)
- Runoff for water year ending Sept. 30,200228,827 Ac. Ft. (10.6)
- Net Runoff for 2002 -18,000 Ac. Ft.
- Net Runoff for 2000,2001,2002 66,000 Ac. Ft. (21% annual ave)

Note: This is the first time in history that negative runoff occurred on consecutive years

BEAR LAKE RELEASES

- 2002 Bear Lake storage allocation 215,000 Ac. Ft. (88%)
- Net storage release 204,000 Ac. Ft.

STATUS OF DREDGING

- Dredging permit application filed - March, 2001
- Dredging permit approved - June, 2002
- Channel intake bottom elevation - August, 2001 - 5908
- Channel intake bottom elevation - July, 2002 - 5905
- Current intake channel freeboard - 2.58 ft.

2003 STORAGE ALLOCATIONS

- Assuming a repeat of 2002177,000 Ac. Ft. (72%)
- Assuming average runoff conditions 210,000 Ac. Ft. (86%)
- Assuming high runoff conditions230,000 Ac. Ft. (94%)

INTERSTATE

- BEAR RIVER FLOW ACCOUNTING - SEP 30, 2002

23-OCT-02

REACH FLOWS IN CFS	ACTUAL DATE	NATURAL FLOW	ACTUAL RMAINING FLOW NAT FLOW	POWER FLOW	STORED FLOW	RESRVOIR EVAP	NATURAL FLOW DIV	TOTAL RCH DIV	REACH GAIN	LAST RIGHT
2 BORDER TO HARER	* SEP 25	5.	0.	0.	0.	0.	5.	5.	5.	18770406
3 HARER TO STEWART DAM	SEP 25	70.	1.	1.	0.	0.	61.	61.	65.	19010514
14 DINGLE INLET	SEP 25	1.	1.	1.	0.	0.	0.	0.	0.	19010514
13 RAINBOW INLET	SEP 25	2.	2.	2.	0.	0.	0.	0.	0.	19010514
4 BEAR LAKE OUTLET	SEP 25	3.	0.	3.	0.	-3.	0.	0.	0.	19010514
5 STEWART DAM TO PESCADERO	* SEP 25	70.	1.	4.	0.	-3.	0.	0.	0.	19010514
6 PESCADERO TO SODA SPRNGS	SEP 26	140.	65.	74.	0.	-9.	0.	0.	70.	19010514
7 SODA TO ALEXANDER	SEP 26	176.	160.	0.	110.	50.	0.	0.	37.	19010514
8 ALEXANDER TO GRACE	* SEP 26	176.	90.	0.	40.	50.	0.	70.	0.	19010514
9 GRACE TO COVE	* SEP 26	198.	112.	0.	62.	50.	0.	0.	22.	19010514
10 COVE TO ONEIDA	SEP 27	259.	173.	0.	123.	50.	0.	0.	61.	19010514
11 ONEIDA TO PRESTON	* SEP 28	256.	166.	114.	0.	52.	0.	6.	-3.	19010514
12 PRESTON TO STATE LINE	SEP 28	250.	163.	108.	0.	55.	0.	0.	-7.	19010514
15 BELOW STATE LINE	* SEP 28	250.	163.	108.	0.	55.	0.	0.	0.	19010514
16 STATE LINE TO COLLINSTON	SEP 29	558.	25.	0.	0.	25.	0.	416.	309.	19010514
17 COLLINSTON TO CORRINNE	SEP 30	774.	183.	216.	0.	-33.	0.	0.	216.	19891020

* - INDICATES FLOW ESTIMATED, NOT MEASURED

TOTALS 558. 582. 774.

RESERVOIR	PREV CONT (AF)	CURR CONT (AF)	CHNG CONT (CFS)	ACCR STOR (CFS)	TOTL STOR (AF)	TOTL EV (AF)	PRIORITY	RESERVOIR	RIGHT (AF)	STORED (AF)
1 BEAR LAKE	365100.0	363850.0	-630.2	0.0	630312.6	0.0	1	BEAR LAKE	1421000.0	630312.6
2 SODA	13835.0	13725.0	-55.5	0.0	0.0	0.0	2	SODA	0.0	0.0
3 ONEIDA	10468.0	10468.0	0.0	0.0	0.0	0.0	3	ONEIDA	0.0	0.0
4 CUTLER	14141.0	14141.0	0.0	0.0	0.0	0.0	4	CUTLER	75000.0	0.0
TOTAL	403544.0	402184.0	-685.7	0.0	630312.6	0.0		TOTAL	1421000.0	630312.6
	CHANGE IN CONTENT	STORAGE USED	CUTLER STORED	BEAR L STORED	HYDRO STORED	STORED LOSSES	TOTAL EARLY SEASON FILL -			0.0
YEAR-TO-DATE AF	-267637.0	182559.0	14109.6	53.6	2383.5	7482.4				

DIVERSION	CFS DIVN	CFS STOR	AF USED	AF RMNG	DIVERSION	CFS DIVN	CFS STOR	AF USED	AF RMNG	DIVERSION	CFS DIVN	CFS STOR	AF USED	AF RMNG
1 MILLER	2	0	0	0	57 HOFFMAN #2 (5A)	0	0	0	0	113 RUSS SEAMONS	0	0	0	0
2 RIGBY	0	0	0	0	58 PAUL THAIN (6)	0	0	114	-114	114 ALLEN WHEELER	0	0	142	-142
3 NUFFER	3	0	0	0	59 MUNK,TARBET,FISC	0	0	101	-101	115 CECIL ARCHIBALD	0	0	107	-107
4 SORESENSEN	0	0	0	0	60 REESE-BALLARD PU	0	0	91	-91	116 MARK RIGBY	0	0	71	-71
5 JENSEN	0	0	0	0	61 JOHN ALLEN	0	0	159	-159	117 STEWART	0	0	173	-173
6 LLOYD	0	0	0	0	62 BALLARD PUMP	0	0	78	-78	118 LEROY SPACKMAN	0	0	0	0
7 DINGLE	20	0	0	0	63 LANDELL BALLARD	0	0	4	-4	119 PRSTN-SNDRS-JOHN	0	0	0	0
8 REAM-CROCKETT	9	0	0	0	64 BENSON-BEAR L IR	0	0	518	-518	120 BILL LINDLEY #2	0	0	0	0
9 BLACK OTTER	10	0	0	0	65 LEE JOHNSON	0	0	0	0	121 GARTH BENSON	0	0	0	0
10 PRESTON-MONTEPELI	15	0	0	0	66 W D JOHNSON	0	0	14	-14	122 LEE REESE #1	0	0	0	0
11 LAROCO-KENT	0	0	0	0	67 JIM WATTERSON	0	0	18	-18	123 LEE REESE #2	0	0	0	0
12 PUGMIRE	0	0	0	0	68 SAM HILTON	0	0	18	-18	124 TOM REESE	0	0	0	0
13 WEST FORK	7	0	0	0	69 KING IRR CO	0	0	516	-516	125 ROBT GRIFFITHS	0	0	91	-91
14 WAYNE KUNZ	0	0	0	0	70 SPACKMAN PUMP	0	0	118	-118	126 DARRELL KUNZLER	0	0	0	0
15 HARDCASTLE	0	0	0	0	71 SIMMONDS-CHAMBER	0	0	144	-144	127 GORDON RICKS #1	0	0	2	-2
16 L STEVENS	0	0	0	0	72 LARRY PITCHER #1	0	0	49	-49	128 HYER-JORGENSEN	0	0	48	-48
17 CHARLES KUNZ	0	0	0	0	73 LARRY FALSEV #1	0	0	60	-60	129 WILLIAM HARRIS	0	0	0	0
18 S & R KUNZ	0	0	0	0	74 LARRY FALSEV #2	0	0	28	-28	130 SKIDMORE	0	0	4	-4

19 D KUNZ	0	0	0	0	75 RULON FALSEV	0	0	173	-173	131 H ANDERSON	0	0	28	-28
20 PAUL KUNZ #1	0	0	0	0	76 HILL IRRIG	0	0	206	-206	132 GORDON WEBB	0	0	18	-18
21 PAUL KUNZ #2	0	0	0	0	77 SMTHFLD W BENCH	0	0	115	-115	133 RUDY SERRANO	0	0	0	0
22 L ALLEMAN	0	0	0	0	78 W A HANSEN	0	0	15	-15	134 W D C I	0	0	0	0
23 ALAN PHELPS	0	0	0	0	79 COE LARKIN	0	0	0	0	135 GEDDES #1	0	0	0	0
24 BUDGE	0	0	1031	-1031	80 MARCHANT	0	0	126	-126	136 GEDDES #2	0	0	0	0
25 SODA GOLF	0	0	210	-210	81 LARRY FALSEV #3	0	0	30	-30	137 PIERSON	0	0	0	0
26 LAST CHANCE	40	0	31914	3736	82 LA RON FALSEV	0	0	29	-29	138 HOBBS	0	0	0	0
27 BENCH "B" (1)	30	0	0	0	83 LDS-LARSEN #2	0	0	155	-155	139 GARY ALLEN	0	0	0	0
28 GENTILE VALLEY	0	0	3759	-3759	84 WALTER WOOD	0	0	159	-159	140 RICKS PUMP	0	0	0	0
29 HOGAN	0	0	0	0	85 WOOD IRR	0	0	34	-34	141 GORDON RICKS #2	0	0	0	0
30 WANLASS	0	0	300	-300	86 WHEELER PUMP	0	0	69	-69	142 COWLEY PUMP	0	0	0	0
31 DAVID SKAEBLAND	0	0	0	0	87 HAROLD FALSEV	0	0	34	-34	143 LEE REESE #3	0	0	0	0
32 L WHITE	0	0	159	-159	88 BOB MUNK #1	0	0	0	0	144 BECKSTEAD	0	0	11	-11
33 R PANTER	0	0	0	0	89 REGAN WHEELER	0	0	84	-84	145 BOYD LARSEN	0	0	0	0
34 SMITH-BOSEN	0	0	0	0	90 J L WATTERSON	0	0	104	-104	146 GENE LARSEN	0	0	0	0
35 TWIN LAKES PUMPS	0	0	0	0	91 WILLIAM RIGBY	0	0	101	-101	147 RICHARD HANSEN	0	0	14	-14
36 W SMITH	0	0	0	0	92 MURRAY RIGBY	0	0	131	-131	148 EAST WHEELON CAN	85	0	0	0
37 NELSON	2	0	0	0	93 LARRY FALSEV #4	0	0	44	-44	149 WEST WHEELON CAN	355	24	97019	7681
38 RVRDL-PRES UPPER	0	0	16	-16	94 HAROLD FALSEV #2	0	0	42	-42	150 FRIDAL	0	0	0	0
39 RIVERDALE IRR	4	0	81	-81	95 J GOLDEN RIGBY	0	0	111	-111	151 SELMAN	0	0	0	0
40 RVDL-PR PMPS (2)	0	0	637	-637	96 NORVAL JONES	0	0	52	-52	152 MC MURDIE	0	0	0	0
41 R HENDERSON	0	0	50	-50	97 BULLEN FARMS #1	0	0	31	-31	153 WORWOOD	0	0	0	0
42 WEST CACHE	0	0	25169	131	98 L R-BLKSMTN FK	0	0	0	0	154 ANDERSON	0	0	0	0
43 B JOHNSON	0	0	0	0	99 REESE-CLARK	0	0	65	-65	155 RICHARDS	0	0	0	0
44 HODGES	0	0	0	0	100 WAYNE WATTERSON	0	0	43	-43	156 HANSEN	0	0	0	0
45 FLOYD JENSEN	0	0	135	-135	101 DON SPACKMAN	0	0	16	-16	157 PETERSEN	0	0	0	0
46 S BOBKA	0	0	0	0	102 L PITCHER #2	0	0	41	-41	158 THOMPSON	0	0	0	0
47 TERRY PORTER	0	0	0	0	103 JOE COWLEY	0	0	23	-23	159 BANGERTER	0	0	0	0
48 INGLET-LAMONT	0	0	147	-147	104 BULLEN FARMS #2	0	0	116	-116	160 M THOMPSON	0	0	0	0
49 ALEX INGLET	0	0	0	0	105 FLOYD DORIUS	0	0	74	-74	161 GILBERT	0	0	0	0
50 CUB RIVER PUMPS	0	0	15832	268	106 WEEKS & TAGGERT	0	0	14	-14	162 HOLMGREN/ANDERSO	0	0	0	0
51 C WHITNEY	0	0	182	-182	107 DUANE GRIFFIN	0	0	11	-11	163 BARKER/HANSEN	0	0	0	0
52 GOODWIN	0	0	2	-2	108 DALE BENSON	0	0	0	0	164 HATCH	0	0	0	0
53 MUNK-JORGENSON	0	0	214	-214	109 RICH PUMP	0	0	446	-446	165 CDN GOOSE CLUB	0	0	0	0
54 L LARSON #1 (3)	0	0	0	0	110 MAX RASMUSSEN	0	0	0	0	166 NEWELL CUTLER	0	0	0	0
55 WEST CACHE (4)	0	0	0	0	111 BILL LINDLEY #1	0	0	0	0	167 SHERIE RAE GORIN	0	0	0	0
56 HOFFMAN #1 (5)	0	0	89	-89	112 BOB MUNK #2	0	0	180	-180					

TOTAL IDAHO SMALL IRRIGATORS 6497 ACFT