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DEPARTMENT OF
WATER RESOURCES

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Counsel for the United States

**IN THE DISTRICT COURT OF THE FIFTH JUDICIAL DISTRICT OF THE
STATE OF IDAHO, IN AND FOR THE COUNTY OF TWIN FALLS**

In Re SRBA	)	
	)	
Case No. 39576	)	Subcase Nos. 63-3618
	)	
	)	AFFIDAVIT OF MARY MELLEMA
_____	)	
STATE OF IDAHO	)	
	) ss.	
County of Ada	)	

I, MARY MELLEMA, being duly sworn upon oath, state as follows:

1. I am a hydrologist with River and Reservoir Operations Group (RROG), Pacific Northwest Regional Office of the Bureau of Reclamation. I have served as a hydrologist for RROG since 2001. Prior to that I was a service hydrologist with the National Weather Service (NWS) in Boise, Idaho for 10 years. In my current capacity I conduct various studies of reservoir

operations and also make real time decisions of reservoir operations of Federal reservoirs in the Pacific-northwest region.

2. I am knowledgeable about reservoir operations of Arrowrock, Anderson Ranch, and Lucky Peak reservoirs. This knowledge is based on my experience. I have been the Regional Boise River operations contact since 2004. In that capacity I have analyzed historic water supply conditions in the Boise basin and have developed operational tools to plan real-time operations of each of the reservoirs. I have operated the Boise reservoirs during a variety of water supply conditions and have examined the runoff patterns of the basin and how the reservoirs react.

3. One of my primary responsibilities is to provide analyses regarding flood control operations for the three reservoir system consisting of Arrowrock, Anderson Ranch, and Lucky Peak reservoirs. These analyses included forecasting and routing of runoff in the Boise basin and planning reservoir releases. Flood control operations are necessary in many years to avoid potentially damaging floods from impacting the City of Boise and other downstream communities. Flood control operations are carried out jointly by Reclamation and the Army Corps of Engineers pursuant to the criteria set forth in the 1985 Water Control Manual. Pursuant to the Water Control Manual, space in all three reservoirs—Arrowrock, Anderson Ranch, and Lucky Peak—is allocated for flood control. The space allocations for flood control are as follows: Arrowrock (272,000 acre feet), Anderson Ranch (413,000 acre feet), and Lucky Peak (264,000 acre feet).

4. I am familiar with the water right accounting system of the flow for the Boise Project. The “Boise Water Rights Accounting Computer Program” is maintained and operated by the

Idaho Department of Water Resources and is used to account for water that fills the Boise Project storage water rights. After flood control operations have occurred and the reservoirs fill to the maximum reservoir level expected to occur during that irrigation season, IDWR uses the Boise River Storage Program to allocate storage to the various contractors and purposes. At this time any shortages due to flood control operations in the Boise Project that need to be made up to the various Reclamation contractors in Anderson and Arrowrock, pursuant to the 1985 Water Control Manual and contracts, occurs. The storage allocation for each Reclamation contractor is then input into the Accounting model, which is used to account for water used for the rest of the water year.

5. For purposes of this case, I reviewed the flood control releases for the Boise Project reservoirs since the time when Lucky Peak was first brought into operation to the present. I looked specifically for years in which Arrowrock and Anderson Ranch reservoirs did not physically fill due to flood control releases. I conducted my research by looking at the bound books, published by IDWR, entitled "Report on Canal Deliveries from Boise River and Different Features Affecting These Deliveries for the Irrigation Season." This research revealed that Arrowrock and Anderson Ranch reservoirs did not physically fill in the following years due to flood control releases:

Year	Amount of Space Not Filled In Anderson and Arrowrock	Amount of Space in the accounting that filled for Anderson and Arrowrock
1972	22,393 acre-ft	100%
1975	71,448 acre -ft	100%
1976	33,363 acre-ft	100%
1978	96,857 acre ft	100%
1989	126,473 acre-ft	100%
1993	15,372 acre-ft	100%
1999	6,968 acre-ft	100%

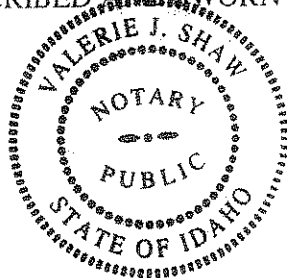
6. For each of those years described in Paragraph 5, above, I was asked to determine how storage water between the three reservoirs—Arrowrock, Anderson Ranch, and Lucky Peak—was accounted for by the watermaster for Water District 63 for purposes of water rights administration. To answer this question, I reviewed the watermaster reports for each of the years identified in Paragraph 5. For each year examined, the watermaster reports show that the storage rights for Arrowrock and Anderson Ranch received their full allocation of storage water under the respective water rights for those reservoirs. This shows that the fact Arrowrock and Anderson Ranch reservoirs did not fill physically in those years because of releases required by flood control operations did not effect the storage allocations for those two reservoirs. The watermaster for Water District 63 allocated full supplies to the Arrowrock and Anderson Ranch storage rights. Attached as Exhibit A are copies of relevant pages of the watermaster reports showing the allocations to Arrowrock and Anderson Ranch for the years indicated above.

Further your affiant sayeth naught.

DATED this 13th Day of November, 2007.

Mary Mellema
Mary Mellema
Hydrologist

SUBSCRIBED AND SWORN to before me this 13th Day of November, 2007.



Notary Public for Idaho Valerie J. Shaw
Residing at: Meridian
My Commission Expires: 6.2.2012

Exhibit 1

REPORT ON
CANAL DELIVERIES FROM
BOISE RIVER
AND
DIFFERENT FEATURES AFFECTING THESE
DELIVERIES FOR THE IRRIGATION SEASON
OF 1972

(DATA FOR THIS REPORT GATHERED BY THE
WRITER WHILE ACTING IN THE CAPACITY OF
WATERMASTER OF THE BOISE RIVER AND
SPECIAL DEPUTY IN CHARGE OF THE DIS-
TRIBUTION OF STORAGE WATER FROM ARROW-
ROCK, ANDERSON RANCH AND LUCKY PEAK
RESERVOIRS)

(COOPERATIVE DATA ALSO FURNISHED BY
THE UNITED STATES BUREAU OF RECLAMATION)

BY

DANIEL L. MUSSELMAN
WATERMASTER, BOISE RIVER

BOISE RIVER STORAGE ACCOUNTS

CANAL COMPANY	ARROWROCK STORAGE	ANDERSON STORAGE	LUCKY PEAK STORAGE	TOTAL AVAILABLE	USED JULY	BALANCE	USED AUGUST	BALA
BALLENTYNE	0	376	1195	1571	0	1571	372	1
BOISE CITY	0	0	919	919	0	919	590	
BOISE VALLEY	0	961	2299	3260	0	3260	764	2
BUBB(SOUTH BOISE MUTUAL)	0	543	460	1003	0	1003	38	
CANYON COUNTY	0	0	5517	5517	0	5517	1122	4
CAPITAL VIEW	0	460	276	736	16	720	124	
DAVIS	0	0	1379	1379	0	1379	158	1
EAGLE ISLAND CANALS	0	0	7034	7034	16	7018	258	6
EUREKA #1	0	0	2575	2575	0	2575	556	2
FARMERS UNION -	2874	5727	9195	17796	306	17490	4614	12
LITTLE PIONEER	0	2174	460	2634	158	2476	1054	1
MIDDLETON	0	0	10114	10114	26	10088	1864	8
NEW DRY CREEK	0	1296	2759	4055	30	4025	730	3
NEW UNION	0	0	1287	1287	0	1287	200	1
NEW YORK	*250293	*353352	0	603645	98126	505519	137718	367
PHYLLIS	21018	25582	14712	61312	6162	55150	15796	35
RIDENBAUGH	**8154	**21001	32183	61338	1596	59742	11344	46
ROSSI MILL	0	0	644	644	0	644	14	
SEBREE	1227	0	0	1227	0	1227	0	1
SETTLERS	***2412	***6528	9195	18135	44	18091	3210	14
THURMAN MILL	0	0	736	736	0	736	14	
BOISE CASCADE	100	0	0	100	0	100	16	
FISH & GAME DEPT.	0	0	45975	45975	0	45975	0	41
KROEGER DITCH	162	0	0	162	32	130	60	
LUCKY PEAK NURSERY	200	0	0	200	****40	160	16	
MEEVES #2	24	0	0	24	8	16	8	
PECORA DITCH	36	0	0	36	12	24	12	
PRODUCERS LUMBER	100	0	0	100	10	90	12	
POWER	0	5200	0	5200	0	5200	0	1
UNCONTRACTED LUCKY PEAK SPACE	0	0	106893	106893	0	106893	0	106
TOTALS	286600	423200	255807	965607	106582	859025	180664	671

- * LESS 4322 ACRE FEET OF ARROWROCK STORAGE TRANSFERRED TO RIDENBAUGH AND LESS 634 ACRE FEET OF ARROWROCK STORAGE TO
LESS 5864 ACRE FEET OF ANDERSON STORAGE TRANSFERRED TO RIDENBAUGH AND LESS 718 ACRE FEET OF ANDERSON STORAGE TR
- ** RIDENBAUGH ARROWROCK STORAGE INCREASED BY 4322 ACRE FEET AND RIDENBAUGH ANDERSON STORAGE INCREASED BY 5864 ACRE
- *** SETTLERS ARROWROCK STORAGE INCREASED BY 634 ACRE FEET AND SETTLERS ANDERSON STORAGE INCREASED BY 718 ACRE FEET
- **** LUCKY PEAK NURSERY ACCUMULATED STORAGE USE FOR APRIL, MAY, JUNE & JULY.

FISH AND GAME STORAGE TO BE RUN DURING WINTER MONTHS.

NCE	USED SEPTEMBER	BALANCE	USED OCTOBER	BALANCE	TOTAL USED APRIL THRU OCT. 14-1972	ANDERSON CARRYOVER	LUCKY PEAK CARRYOVER	ARROWROCK BALANCE NO CARRYOVER
199	36	1163	0	1163	408	0	1163	0
329	228	101	0	101	818	0	101	0
496	478	2018	0	2018	1242	0	2018	0
965	16	949	0	949	54	489	460	0
395	576	3819	0	3819	1698	0	3819	0
596	116	480	0	480	256	204	276	0
221	64	1157	0	1157	222	0	1157	0
760	152	6608	0	6608	426	0	6608	0
019	62	1957	0	1957	618	0	1957	0
876	2446	10430	0	10430	7366	1235	9195	0
422	292	1130	0	1130	1504	670	460	0
224	896	7328	0	7328	2786	0	7328	0
295	84	3211	0	3211	844	452	2759	0
087	40	1047	0	1047	240	0	1047	0
801	96784	271017	22130	248887	354758	248887	0	0
354	3064	36290	0	36290	25022	21578	14712	0
398	6264	42134	0	42134	19204	9951	32183	0
630	0	630	0	630	14	0	630	0
227	0	1227	0	1227	0	0	0	1227
881	944	13937	0	13937	4198	4742	9195	0
722	0	722	0	722	14	0	722	0
84	14	70	12	58	42	0	0	58
975	0	45975	0	45975	0	0	45975	0
70	62	8	8	0	162	0	0	0
144	2	142	0	142	58	0	0	142
8	8	0	0	0	24	0	0	0
12	12	0	0	0	36	0	0	0
78	2	76	0	76	24	0	0	76
200	0	5200	0	5200	0	5200	0	0
893	0	106893	0	106893	0	0	106893	0
361	112642	565719	22150	543569	422038	293408	248658	1503

ANSFERRED TO SETTLERS TO IRRIGATE GOVERNMENT LANDS. INCREASED BY 22378 ACRE FEET OF HILLCREST STORAGE.
 NSFERRED TO SETTLERS TO IRRIGATE GOVERNMENT LANDS.
 FEET TO IRRIGATE GOVERNMENT LANDS.
 D IRRIGATE GOVERNMENT LANDS.

STORAGE WATER ALLOCATIONS FOR ARROWROCK AND ANDERSON RESERVOIRS

CHART NO. 11

ARROWROCK

NAME	ACRE FEET OF STORAGE WATER	PERCENT OF SPACE
BOISE PROJECT BOARD OF CONTROL	177,816	62.01
NAMPA & MERIDIAN	55,055	19.25
PIONEER IRRIGATION DISTRICT	21,018	7.33
FARMERS UNION DITCH CO.	2,874	1.000
SETTLERS IRRIGATION DISTRICT	1,778	.62
FARMERS CO-OP CANAL CO.	1,227	.428
RIDENBAUGH CANAL	3,832	1.337
HILLCREST	23,000	8.02
TOTAL	286,600	99.998

ANDERSON

BOISE-KUNA IRRIGATION DISTRICT	112,149	26.83
NEW YORK IRRIGATION DISTRICT	41,006	9.81
WILDER IRRIGATION DISTRICT	125,108	29.93
BIG BEND IRRIGATION DISTRICT	3,887	.93
NAMPA & MERIDIAN	77,784	18.61
TOTAL BOARD OF CONTROL		
RIDENBAUGH	15,137	3.62
PIONEER IRRIGATION DISTRICT	25,582	6.12
FARMERS UNION DITCH CO.	5,727	1.37
NEW DRY CREEK DITCH CO.	1,296	.31
SETTLERS IRRIGATION DISTRICT	5,810	1.39
BOISE VALLEY IRRIGATION DITCH CO.	961	.23
SOUTH BOISE MUTUAL IRRIGATION CO.	543	.13
BALLENTYNE DITCH CO.	376	.09
CAPITOL VIEW IRRIGATION DISTRICT	460	.11
PIONEER DITCH COMPANY	2,174	.52
TOTAL	418,000	100.00
POWER	5,000	

359,934

STORAGE WATER ALLOCATIONS FOR LUCKY PEAK RESERVOIR

CHART NO. 11

NAME	ACRE FEET OF STORAGE WATER	PERCENT OF SPACE
BALLENTYNE	1,300	.467
BOISE CITY	1,000	.360
BOISE VALLEY	2,500	.899
BUBB (SOUTH BOISE MUTUAL)	500	.180
CANYON COUNTY	6,000	2.157
CAPITAL VIEW IRRIG. DIST.	300	.108
DAVIS DITCH (VILLAGE OF GARDEN CITY)	1,500	.539
EAGLE ISLAND WATER CO.	7,650	2.750
EUREKA WATER CO. #1	2,800	1.006
FARMERS UNION	10,000	3.595
LITTLE PIONEER	500	.180
MIDDLETON IRRIG. ASSN.	6,380	2.293
MIDDLETON MILL	4,620	1.661
NEW DRY CREEK	3,000	1.078
NEW UNION	1,400	.503
PHYLLIS (PIONEER IRRIG. DIST.)	16,000	5.751
RIDENBAUGH	35,000	12.580
ROSSI MILL (SOUTH BOISE WATER)	700	.252
SETTLERS	10,000	3.595
THURMAN MILL	800	.288
U. S. FISH & GAME	50,000	17.972
UNCONTRACTED SPACE	116,250	41.786
TOTAL	278,200	100.0

REPORT ON
CANAL DELIVERIES FROM
BOISE RIVER
AND
DIFFERENT FEATURES AFFECTING THESE
DELIVERIES FOR THE IRRIGATION SEASON
OF 1975

(DATA FOR THIS REPORT GATHERED BY THE
WRITER WHILE ACTING IN THE CAPACITY OF
WATERMASTER OF THE BOISE RIVER.)

COOPERATIVE DATA ALSO FURNISHED BY
THE UNITED STATES BUREAU OF RECLAMATION)

BY

HENRY KOELLING

WATERMASTER, BOISE RIVER

BOISE RIVER STORAGE ACCOUNT

CANAL COMPANY	ARROWROCK STORAGE	ANDERSON STORAGE	LUCKY PEAK STORAGE	TOTAL AVAILABLE	USED JULY	BALANCE	USED AUGUST
BALLENTYNE	0	376	966	1342	16	1326	166
BOISE CITY	0	0	743	743	0	743	208
BOISE VALLEY	0	961	1858	2819	0	2819	204
BURB (SOUTH BOISE MUTUAL)	0	543	372	915	0	915	0
CANYON COUNTY	0	0	4459	4459	14	4445	696
CAPITAL VIEW	0	460	223	683	0	683	56
DAVIS	0	0	1115	1115	0	1115	0
EAGLE ISLAND CANALS	0	0	5685	5685	26	5659	188
EUREKA #1	0	0	2081	2081	0	2081	140
FARMERS UNION	2874	5727	7432	16033	18	16015	2736
LITTLE PIONEER	0	2174	372	2546	176	2546	296
MIDDLETON IRRIGATION	0	0	4741	4741	0	4741	364
MIDDLETON MILL	0	0	3433	3433	0	3433	264
NEW DRY CREEK	0	1296	2230	3526	0	3526	366
NEW UNION	0	0	1040	1040	0	1040	48
NEW YORK	*254128	*359662	0	613790	43056	568734	137658
PHYLLIS	21018	25582	11891	58491	4268	54223	14390
RIDENBAUGH	3832	15137	26011	44980	0	44980	6034
ROSSI MILL	0	0	520	520	0	520	10
SEBREE	1227	0	0	1227	0	1227	0
SETTLERS	**2878	**6082	7432	16392	0	16392	998
THURMAN MILL	0	0	595	595	0	595	12
BOISE CASCADE	100	0	0	100	4	96	12
KROEGER DITCH	134	0	0	134	16	118	52
LUCKY PEAK NURSERY	200	0	0	200	22	178	12
MEEVES #2	26	0	0	26	4	22	10
PECORA DITCH	8	0	0	8	2	6	4
PRODUCERS LUMBER	175	0	0	175	10	165	16
STATE OF IDAHO FISH & GAME	0	0	37159	37159	0	37159	0
ANDERSON DAM POWER	0	5200	0	5200	0	5200	0
UNCONTRACTED LUCKY PEAK SPACE	0	0	86394	86394	0	86394	0
TOTALS	286600	423200	206752	916552	49632	867096	164940

* LESS 1100 ACRE FEET OF ARROWROCK STORAGE TRANSFERRED TO SETTLERS TO IRRIGATE GOVERNMENT LANDS. INCREASED BY 1
LESS 272 ACRE FEET OF ANDERSON STORAGE TRANSFERRED TO SETTLERS TO IRRIGATE GOVERNMENT LANDS.

** INCREASE SETTLERS ARROWROCK STORAGE BY 1100 ACRE FEET TO IRRIGATE GOVERNMENT LANDS. INCREASE SETTLERS ANDERSON

STATE OF IDAHO FISH AND GAME DEPARTMENT STORAGE TO BE RUN DURING WINTER MONTHS.

A PORTION OF THE UNCONTRACTED LUCKY PEAK STORAGE TO BE DISCHARGED DURING THE WINTER MONTHS BY ORDER OF THE BUREAU OF

1975 - IN ACRE FEET

CHART NO. 10

CE	USED SEPTEMBER	BALANCE	USED OCTOBER	BALANCE	TOTAL USED APRIL THRU OCT. 31-1975	ANDERSON CARRYOVER	LUCKY PEAK CARRYOVER	ARROWROCK BALANCE NO. CARRYOVER
60	28	1132	0	1132	210	166	966	
35	298	237	16	221	522	0	221	
15	240	2375	0	2375	444	517	1858	
15	18	897	0	897	18	525	372	
49	856	2893	136	2757	1702	0	2757	
27	60	567	14	553	130	330	223	
15	0	1115	0	1115	0	0	1115	
70	130	5341	32	5309	376	0	5309	
41	210	1731	0	1731	350	0	1731	
79	4310	8969	310	8659	7374	1227	7432	
50	462	1788	154	1634	1088	1086	372	
77	483	3964	5	3959	782	0	3959	
69	299	2870	3	2867	566	0	2867	
60	512	2648	0	2648	878	418	2230	
92	0	992	0	992	48	0	992	
76	120918	310158	49432	260726	353064	260726	0	
33	7558	32275	156	32119	26372	20228	11891	
46	6946	32000	900	31100	13880	5089	26011	
10	88	422	4	418	102	0	418	
27	0	1227	0	1227	0	0	0	1227
94	982	14412	0	14412	1980	6082	7432	898
83	0	583	0	583	12	0	583	
84	12	72	4	68	32	0	0	68
66	56	10	10	0	134	0	0	
66	10	156	2	154	46	0	0	154
12	8	4	4	0	26	0	0	
2	2	0	0	0	8	0	0	
49	24	125	12	113	62	0	0	113
59	0	37159	3200	33959	3200	0	33959	
100	0	5200	0	5200	0	5200	0	
194	0	86394	4800	81594	4800	0	81594	
56	144440	557716	59194	498522	418206	301594	194292	2460

ACRE FEET OF HILLCREST STORAGE.

RAGE 272 ACRE FEET TO IRRIGATE GOVERNMENT LANDS.

AMATION.

STORAGE WATER ALLOCATIONS FOR ARROWROCK AND ANDERSON RESERVOIRS

CHART NO. 11

ARROWROCK

NAME	ACRE FEET OF STORAGE WATER	PERCENT OF SPACE
BOISE PROJECT BOARD OF CONTROL	177,816	62.01 ✓
NAMPA & MERIDIAN	55,055	19.25 ✓
PIONEER IRRIGATION DISTRICT	21,018	7.33
FARMERS UNION DITCH CO.	2,874	1.00
SETTLERS IRRIGATION DISTRICT	1,778	.62
FARMERS CO-OP CANAL CO.	1,227	.428
RIDENBAUGH CANAL	3,832	1.337
HILLCREST	23,000	8.02 ✓
TOTAL	286,600	99.998

ANDERSON

BOISE-KUNA IRRIGATION DISTRICT	112,149	26.83
NEW YORK IRRIGATION DISTRICT	41,006	9.81
WILDER IRRIGATION DISTRICT	125,108	29.93
BIG BEND IRRIGATION DISTRICT	3,887	.93
NAMPA & MERIDIAN	77,784	18.61
TOTAL BOARD OF CONTROL		
RIDENBAUGH	15,137	3.62
PIONEER IRRIGATION DISTRICT	25,582	6.12
FARMERS UNION DITCH CO.	5,727	1.37
NEW DRY CREEK DITCH CO.	1,296	.31
SETTLERS IRRIGATION DISTRICT	5,810	1.39
BOISE VALLEY IRRIGATION DITCH CO.	961	.23
SOUTH BOISE MUTUAL IRRIGATION CO.	543	.13
BALLENTYNE DITCH CO.	376	.09
CAPITOL VIEW IRRIGATION DISTRICT	460	.11
PIONEER DITCH COMPANY	2,174	.52
TOTAL	418,000	100.00
POWER	5,200	

359,934

STORAGE WATER ALLOCATIONS FOR LUCKY PEAK RESERVOIR

CHART NO. 11

NAME	ACRE FEET OF STORAGE WATER	PERCENT OF SPACE
BALLENTYNE	1,300	.467
BOISE CITY	1,000	.360
BOISE VALLEY	2,500	.899
BUBB (SOUTH BOISE MUTUAL)	500	.180
CANYON COUNTY	6,000	2.157
CAPITAL VIEW IRRIG. DIST.	300	.108
DAVIS DITCH (VILLAGE OF GARDEN CITY)	1,500	.539
EAGLE ISLAND WATER CO.	7,650	2.750
EUREKA WATER CO. #1	2,800	1.006
FARMERS UNION	10,000	3.595
LITTLE PIONEER	500	.180
MIDDLETON IRRIG. ASSN.	6,380	2.293
MIDDLETON MILL	4,620	1.661
NEW DRY CREEK	3,000	1.078
NEW UNION	1,400	.503
PHYLLIS (PIONEER IRRIG. DIST.)	16,000	5.751
RIDENBAUGH	35,000	12.580
ROSSI MILL (SOUTH BOISE WATER)	700	.252
SETTLERS	10,000	3.595
THURMAN MILL	800	.288
IDAHO FISH & GAME	50,000	17.972
UNCONTRACTED SPACE	116,250	41.786
TOTAL	278,200	100.0

REPORT ON
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(COOPERATIVE DATA ALSO FURNISHED BY
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BY

HENRY KOELLING

WATERMASTER, BOISE RIVER

BOISE RIVER STORAGE ACCO

CANAL COMPANY	ARROWROCK STORAGE	ANDERSON STORAGE	LUCKY PEAK STORAGE	TOTAL AVAILABLE	USED JUNE	BALANCE	USED JULY	BALANCE
BALLENTYNE		376	1144	1520		1520	74	1446
BOISE CITY			880	880		880	90	790
BOISE VALLEY		961	2200	3161		3161	140	3021
BUBB (SOUTH BOISE MUTUAL)		543	440	983		983	12	971
CANYON COUNTY			5280	5280		5280	198	5082
CAPITAL VIEW		460	264	724		724	52	672
DAVIS			1320	1320		1320		1320
EAGLE ISLAND CANALS			6733	6733		6733	60	6673
EUREKA #1			2464	2464		2464		2464
FARMERS UNION	2874	5727	8801	17402		17402	1542	15860
LITTLE PIONEER		2174	440	2614	14	2600	438	2162
MIDDLETON IRRIGATION			5615	5615	10	5605	302	5303
MIDDLETON MILL			4066	4066	14	4052	418	3634
NEW DRY CREEK		1296	2640	3936		3936	192	3744
NEW UNION			1232	1232		1232	30	1202
NEW YORK	*254127	*359662		613789	13646	600143	134614	465529
PHYLLIS	21018	25582	14081	60681		60681	11722	48959
RIDENBAUGH	3832	15137	30803	49772		49772	2578	47194
ROSSI MILL			616	616		616		616
SEBREE	1227			1227		1227		1227
SETTLERS	**2878	**6082	8801	17761		17761	914	16847
THURMAN MILL			704	704		704	10	694
BOISE CASCADE	100			100		100	30	70
KROGER DITCH	134			134		134	42	92
LUCKY PEAK NURSERY	200			200		200	28	172
NEEVES #2	27			27		27	8	19
PECORA DITCH	8			8		8	2	6
PRODUCERS LUMBER	175			175		175	30	145
STATE OF IDAHO FISH & GAME			44004	44004		44004		44004
ANDERSON DAM POWER		5200		5200		5200		5200
UNCONTRACTED LUCKY PEAK SPACE			102,309	102,309		102,309		102,309
TOTALS	286,600	423,200	244,837	954,637	13,684	940,953	153,526	787,427

- * LESS 1100 ACRE FEET OF ARROWROCK STORAGE TRANSFERRED TO SETTLERS TO IRRIGATE GOVERNMENT LANDS. INCREASED BY 22;
 LESS 272 ACRE FEET OF ANDERSON STORAGE TRANSFERRED TO IRRIGATE GOVERNMENT LANDS.
 ** INCREASE SETTLERS ARROWROCK STORAGE BY 1100 ACRE FEET TO IRRIGATE GOVERNMENT LANDS. INCREASE SETTLERS ANDERSON

STATE OF IDAHO FISH AND GAME DEPARTMENT STORAGE TO BE RUN DURING WINTER MONTHS.

A PORTION OF THE UNCONTRACTED LUCKY PEAK STORAGE TO BE DISCHARGED DURING THE WINTER MONTHS BY ORDER OF THE BUREAU OF

- 1976 - IN ACRE FEET

CHART NO. 10

USED AUGUST	BALANCE	USED SEPTEMBER	BALANCE	USED OCTOBER	BALANCE	TOTAL 1976 STORAGE USED	ANDERSON CARRYOVER	LUCKY PEAK CARRYOVER	ARROWROCK BALANCE NO CARRYOVER
220	1226	40	1186		1186	334	42	1144	
356	434	186	248		248	632		248	
266	2755	302	2453		2453	708	253	2200	
18	953	12	941		941	42	501	440	
440	4642	372	4270		4270	1010		4270	
62	610	24	586		586	138	322	264	
	1320		1320		1320	0		1320	
114	6559	116	6443		6443	290		6443	
	2464		2464		2464	0		2464	
1422	13438	2064	11374		11374	6028	2573	8801	
358	1804	140	1664		1664	950	1224	440	
135	5168	105	5063		5063	552		5063	
187	3447	145	3302		3302	764		3302	
294	3450	466	2984		2984	952	344	2640	
6	1196		1196		1196	36		1196	
576	321953	103568	218385	39292	179093	434696	179093		
532	37427	3928	33499		33499	27182	19418	14081	
272	39922	4134	35788		35788	13984	4985	30803	
14	602		602		602	14		602	
	1227		1227		1227	0			1227
432	15415	1234	14181		14181	3580	5380	8801	
12	682		682		682	22		682	
30	40	30	10	10	0	100			
42	50	42	8	8	0	134			
28	144	4	140		140	60			140
8	11	8	3	2	1	26			1
2	4	2	2	2		8			
30	115	14	101		101	74			101
	44004		44004	3520	40484	3520		40484	
	5200		5200		5200	0	5200		
	102,309		102,309	4480	97829	4480		97829	
856	618,571	116,936	501,635	47,314	454,321	500,316	219,335	233,517	1469

IE FEET OF HILLCREST STORAGE.

IE 272 ACRE FEET TO IRRIGATE GOVERNMENT LANDS.

ATION.

STORAGE WATER ALLOCATIONS FOR ARROWROCK AND ANDERSON RESERVOIRS

CHART NO. 11

ARROWROCK

NAME	ACRE FEET OF STORAGE WATER	PERCENT OF SPACE
BOISE PROJECT BOARD OF CONTROL	177,816	62.01
NAMPA & MERIDIAN	55,055	19.25
PIONEER IRRIGATION DISTRICT	21,018	7.333
FARMERS UNION DITCH CO.	2,874	1.000
SETTLERS IRRIGATION DISTRICT	1,778	.62
FARMERS CO-OP CANAL CO.	1,227	.428
RIDENBAUGH CANAL	3,832	1.337
HILLCREST	23,000	8.02
TOTAL	286,600	99.998

ANDERSON

BOISE-KUNA IRRIGATION DISTRICT	112,149	26.83
NEW YORK IRRIGATION DISTRICT	41,006	9.81
WILDER IRRIGATION DISTRICT	125,108	29.93
BIG BEND IRRIGATION DISTRICT	3,887	.93
NAMPA & MERIDIAN	77,784	18.61
TOTAL BOARD OF CONTROL	359,934	
RIDENBAUGH	15,137	3.62
PIONEER IRRIGATION DISTRICT	25,582	6.12
FARMERS UNION DITCH CO.	5,727	1.37
NEW DRY CREEK DITCH CO.	1,296	.31
SETTLERS IRRIGATION DISTRICT	5,810	1.39
BOISE VALLEY IRRIGATION DITCH CO.	961	.23
SOUTH BOISE MUTUAL IRRIGATION CO.	543	.13
BALLENTYNE DITCH CO.	376	.09
CAPITOL VIEW IRRIGATION DISTRICT	460	.11
PIONEER DITCH COMPANY	2,174	.52
TOTAL	418,000	100.00
POWER	5,200	

STORAGE WATER ALLOCATIONS FOR LUCKY PEAK RESERVOIR

CHART NO. 11

NAME	ACRE FEET OF STORAGE WATER	PERCENT OF SPACE
BALLENTYNE	1,300	.467
BOISE CITY	1,000	.360
BOISE VALLEY	2,500	.899
BUBB (SOUTH BOISE MUTUAL)	500	.180
CANYON COUNTY	6,000	2.157
CAPITAL VIEW IRRIG. DIST.	300	.108
DAVIS DITCH (VILLAGE OF GARDEN CITY)	1,500	.539
EAGLE ISLAND WATER CO.	7,650	2.750
EUREKA WATER CO. #1	2,800	1.006
FARMERS UNION	10,000	3.595
LITTLE PIONEER	500	.180
MIDDLETON IRRIG. ASSN.	6,380	2.293
MIDDLETON MILL	4,620	1.661
NEW DRY CREEK	3,000	1.078
NEW UNION	1,400	.503
PHYLLIS (PIONEER IRRIG. DIST.)	16,000	5.751
RIDENBAUGH	35,000	12.580
ROSSI MILL (SOUTH BOISE WATER)	700	.252
SETTLERS	10,000	3.595
THURMAN MILL	800	.288
IDAHO FISH & GAME	50,000	17.972
UNCONTRACTED SPACE	116,250	41.786
TOTAL	278,200	100.0

REPORT ON
CANAL DELIVERIES FROM
BOISE RIVER
AND
DIFFERENT FEATURES AFFECTING THESE
DELIVERIES FOR THE IRRIGATION SEASON
OF 1978

(DATA FOR THIS REPORT GATHERED BY THE
WRITER WHILE ACTING IN THE CAPACITY OF
WATERMASTER OF THE BOISE RIVER.)

(COOPERATIVE DATA ALSO FURNISHED BY
THE UNITED STATES BUREAU OF RECLAMATION.)

BY
HENRY KOELLING
WATERMASTER, BOISE RIVER

BOISE RIVER STORAGE ACCOUNTS - 1978 - IN ACRE FEET

CANAL COMPANY	ARROWROCK STORAGE	ANDERSON STORAGE	LUCKY PEAK STORAGE	TOTAL AVAILABLE INCLUDING TRANSFERS	JULY USE	BALANCE 1 AUG.	AUG. USE	BALANCE 1 SEPT.	SEPT. USE	BALANCE 1 OCT.	OCT. USE	BALANCE 15 OCTOBER	TOTAL 1978 STORAGE USED	ANDERSON CARRYOVER	LUCKY PEAK CONTRACTED CARRYOVER	ARROWROCK UNUSED NO CARRYOVER
SALLENTORE		376	1300	1676	14	1662	204	1458	16	1442	0	1442	224	142	1300	
BOISE CITY			1000	1000		1000	420	580	36	544	0	544	456		544	
BOISE VALLEY		961	2500	3461		3461	600	2861	104	2757	0	2757	704	257	2500	
NUBB (SOUTH BOISE MUTUAL)		543	500	1043		1043	144	899	8	891	0	891	152	391	500	
CANYON COUNTY			6000	6000		6000	1360	4640	208	4432	132	4300	1700		4300	
CAPITAL VIEW		460	300	760		760	30	730	30	700	0	700	60	400	300	
DAVIS			1500	1500		1500	42	1458	0	1458	0	1458	42		1458	
EAGLE ISLAND CANALS			7650	7650	14	7636	412	7224	40	7184	0	7184	466		7184	
EUREKA #1		2800	2800	2800		2800	0	2800	0	2800	0	2800	0		2800	
FARMERS UNION	2874	5727	10,000	18,601		18,601	4156	14,445	1122	13,323	0	13,323	5278	3323	10,000	0
LITTLE PIONEER		2174	500	2674	96	2578	890	1688	140	1548	90	1458	1216	958	500	
HIDOLETON IRRIGATION			6380	6380		6380	485	5895	0	5895	0	5895	485		5895	
MIDDLETON HILL			4620	4620		4620	351	4269	0	4269	0	4269	351		4269	
NEW DRY CREEK		1256	3000	4256		4256	356	3900	8	3892	0	3892	364	932	3000	
NEW UNION			1400	1400		1400	80	1320	0	1320	0	1320	80		1320	
NEW YORK*	254,471	397,662	560,873	614,133	53,260	560,873	156,676	404,197	94,640	309,557	36,534	273,023	341,110	273,023	0	0
PHYLISS	21,018	25,582	57,894	62,600	4706	57,894	16,248	41,646	1306	40,340	0	40,340	22,350	24,250	16,000	
RIDENBAUGH	3032	15,157	53,969	53,969		53,969	12,534	41,435	2245	39,189	518	38,671	15,398	3571	35,000	
ROSSI MILL			700	700		700	70	630	36	594	0	594	106		594	
SEBEE	1227		1827	1227		1827	0	1827	0	1827	0	1827	0			1227
SETTLERS**			10,000	18,960	40	18,920	4340	14,580	994	13,586	0	13,586	5374	3586	10,000	
THURMAN MILL		6082	800	800		800	0	800	0	800	0	800	0		800	
WIDGER			100	100		100	52	48	48	0	0	0	100			
STATE FISH & GAME			50,000	50,000		50,000	0	50,000	0	50,000	4800	45,200	4800		45,200	
LUCKY PEAK NURSERY	200			200	24	176	38	138	20	118	0	118	82			118
LUCKY PEAK UNCONTRACTED			19,393	19,393		19,393	0	19,393	0	19,393	0	19,393	0		19,393	
ANDERSON DAM POWER		5200	5200	5200		5200	0	5200	0	5200	0	5200	0	5200		
TOTALS	286,600	423,200	181,343	891,143	58,154	832,989	199,438	633,551	101,102	532,449	42,074	490,235	400,908	316,033	172,857	1345

*LESS 1100 ACRE FEET OF ARROWROCK STORAGE TRANSFERRED TO SETTLERS TO IRRIGATE GOVERNMENT LANDS. INCREASED BY 22,700 ACRE FEET WILLCEST STORAGE.
LESS 272 ACRE FEET ANDERSON STORAGE TRANSFERRED TO SETTLERS TO IRRIGATE GOVERNMENT LANDS.

**INCREASE SETTLERS ARROWROCK STORAGE 1100 ACRE FEET TO IRRIGATE GOVERNMENT LANDS.
STATE OF IDAHO FISH AND GAME DEPARTMENT STORAGE TO BE RUN DURING WINTER MONTHS.
UNCONTRACTED LUCKY PEAK STORAGE TO BE RELEASED BY ORDER OF BUREAU OF RECLAMATION.

STORAGE WATER ALLOCATIONS FOR ARROWROCK AND ANDERSON RESERVOIRS

CHART NO. 11

ARROWROCK

NAME	ACRE FEET OF STORAGE WATER	PERCENT OF SPACE
BOISE PROJECT BOARD OF CONTROL	177,816	62.01
NAMPA & MERIDIAN	55,055	19.25
PIONEER IRRIGATION DISTRICT	21,018	7.333
FARMERS UNION DITCH CO.	2,874	1.000
SETTLERS IRRIGATION DISTRICT	1,778	.62
FARMERS CO-OP CANAL CO. ...	1,227	.428
RIDENBAUGH CANAL	3,832	1.337
HILLCREST	23,000	8.02
TOTAL	286,600	99.998

ANDERSON

BOISE-KUNA IRRIGATION DISTRICT	112,149	26.83
NEW YORK IRRIGATION DISTRICT	41,006	9.81
WILDER IRRIGATION DISTRICT	125,108	29.93
BIG BEND IRRIGATION DISTRICT	3,887	.93
NAMPA & MERIDIAN	77,784	18.61
TOTAL BOARD OF CONTROL		
RIDENBAUGH	15,137	3.62
PIONEER IRRIGATION DISTRICT	25,582	6.12
FARMERS UNION DITCH CO.	5,727	1.37
NEW DRY CREEK DITCH CO.	1,296	.31
SETTLERS IRRIGATION DISTRICT	5,810	1.39
BOISE VALLEY IRRIGATION DITCH CO.	961	.23
SOUTH BOISE MUTUAL IRRIGATION CO.	543	.13
BALLENTYNE DITCH CO.	376	.09
CAPITOL VIEW IRRIGATION DISTRICT	460	.11
PIONEER DITCH COMPANY	2,174	.52
TOTAL	418,000	100.00
POWER	5,200	

359,934

STORAGE WATER ALLOCATIONS FOR LUCKY PEAK RESERVOIR

CHART NO. 11

NAME	ACRE FEET OF STORAGE WATER	PERCENT OF SPACE
BALLENTYNE	1,300	.467
BOISE CITY	1,000	.360
BOISE VALLEY	2,500	.899
BUBB (SOUTH BOISE MUTUAL)	500	.180
CANYON COUNTY	6,000	2.157
CAPITAL VIEW IRRIG. DIST.	300	.108
DAVIS DITCH (VILLAGE OF GARDEN CITY)	1,500	.539
EAGLE ISLAND WATER CO.	7,650	2.750
EUREKA WATER CO. #1	2,800	1.006
FARMERS UNION	10,000	3.595
LITTLE PIONEER	500	.180
MIDDLETON IRRIG. ASSN.	6,380	2.293
MIDDLETON MILL	4,620	1.661
NEW DRY CREEK	3,000	1.078
NEW UNION	1,400	.503
PHYLLIS (PIONEER IRRIG. DIST.)	16,000	5.751
RIDENBAUGH	35,000	12.580
ROSSI MILL (SOUTH BOISE WATER)	700	.252
SETTLERS	10,000	3.595
THURMAN MILL	800	.288
IDAH0 FISH & GAME	50,000	17.972
UNCONTRACTED SPACE	116,250	41.786
TOTAL	278,200	100.0

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BY
LEE SISCO
WATERMASTER, BOISE RIVER

CHART 9. 1989 BOISE RIVER RESERVOIR STORAGE ACCOUNTS. (ACRE-FEET)

NUMBER	USER	*-----ANDERSON RANCH-----*				*-----LUCKY PEAK-----*				SUBTOTAL	TRANSFERS	WTR	BANK	TOTAL
		STORAGE	CARRYOVER	NEW FILL	STORAGE	STORAGE	CARRYOVER	NEW FILL	STORAGE					
13201050	LUCKY PEAK NURSERY	200.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	200.0	0.0	0.0	0.0	200.0
13201990	FISH & GAME FLOW	0.0	0.0	0.0	0.0	0.0	0.0	33727.6	33727.6	33727.6	0.0	0.0	0.0	33727.6
13201991	USBR FLOW	0.0	0.0	0.0	0.0	0.0	0.0	28533.5	28533.5	28533.5	0.0	0.0	0.0	28533.5
254571.0	NEW YORK	0.0	0.0	359662.0	359662.0	0.0	0.0	0.0	0.0	614233.0	2408.2	94.0	616735.2	
13203000	RIDENBAUGH	3832.0	0.0	15137.0	15137.0	0.0	0.0	23609.3	23609.3	42578.3	0.0	0.0	0.0	42578.3
13204005	BUBB	0.0	0.0	543.0	543.0	0.0	0.0	337.3	337.3	880.3	0.0	0.0	0.0	880.3
13204060	ROSSI MILL	0.0	0.0	0.0	0.0	0.0	0.0	472.2	472.2	472.2	0.0	0.0	0.0	472.2
13204190	BOISE CITY	0.0	0.0	0.0	0.0	0.0	0.0	674.6	674.6	674.6	0.0	0.0	0.0	674.6
13205515	SETTLERS	2878.0	0.0	6082.0	6082.0	0.0	0.0	6745.5	6745.5	15705.5	0.0	0.0	0.0	15705.5
13205517	DAVIS	0.0	0.0	0.0	0.0	0.0	0.0	1011.8	1011.8	1011.8	0.0	0.0	0.0	1011.8
13205517	THURMAN MILL	0.0	0.0	0.0	0.0	0.0	0.0	539.6	539.6	539.6	0.0	0.0	0.0	539.6
13205622	BOISE WATER CORP	0.0	0.0	1000.0	1000.0	0.0	0.0	0.0	0.0	1000.0	0.0	0.0	0.0	1000.0
13205638	FARMERS UNION	2874.0	0.0	5727.0	5727.0	0.0	0.0	6745.5	6745.5	15346.5	0.0	0.0	0.0	15346.5
13205640	BOISE VALLEY	0.0	0.0	961.0	961.0	0.0	0.0	1686.4	1686.4	2647.4	0.0	0.0	0.0	2647.4
13205641	CAPITOL VIEW	0.0	0.0	460.0	460.0	0.0	0.0	202.4	202.4	662.4	0.0	0.0	0.0	662.4
13205643	NEW DRY CREEK	0.0	0.0	1296.0	1296.0	0.0	0.0	2023.7	2023.7	3319.7	0.0	0.0	0.0	3319.7
13206090	NEW UNION	0.0	0.0	0.0	0.0	0.0	0.0	944.4	944.4	944.4	0.0	0.0	0.0	944.4
13206092	BALLENTYNE	0.0	0.0	376.0	376.0	0.0	0.0	876.9	876.9	1252.9	0.0	0.0	0.0	1252.9
13206265	MIDDLETON	0.0	0.0	0.0	0.0	0.0	0.0	7420.1	7420.1	7420.1	0.0	0.0	0.0	7420.1
13208710	PHYLIS	21018.0	0.0	25582.0	25582.0	0.0	0.0	10792.8	10792.8	57392.8	-2408.2	0.0	0.0	54984.6
13209480	EUREKA #1	0.0	0.0	0.0	0.0	0.0	0.0	1888.7	1888.7	1888.7	0.0	0.0	0.0	1888.7
13209482	LITTLE PIONEER	0.0	0.0	2174.0	2174.0	0.0	0.0	337.3	337.3	2511.3	0.0	0.0	0.0	2511.3
13209630	CANYON COUNTY	0.0	0.0	0.0	0.0	0.0	0.0	4047.3	4047.3	4047.3	0.0	0.0	0.0	4047.3
13209990	SEBREE	1227.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1227.0	0.0	-161.0	0.0	1066.0
13210992	ANDERSON DAM POWER	0.0	0.0	4200.0	4200.0	0.0	0.0	0.0	0.0	4200.0	0.0	0.0	0.0	4200.0
99999050	EAGLE IS CANALS	0.0	0.0	0.0	0.0	0.0	0.0	5160.3	5160.3	5160.3	0.0	0.0	0.0	5160.3
99999100	BOISE R WATER BANK	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	67.0	0.0	67.0
99999950	TOTAL	286600.0	0.0	423200.0	423200.0	0.0	0.0	137777.2	137777.2	847577.2	0.0	0.0	0.0	847577.2

CHART 8. 1989 BOISE RIVER RESERVOIR SPACE BY USER. (ACRE-FEET)

NUMBER	USER	ARROWROCK	ANDERSON LUCKY PEAK	TOTAL
13201050	LUCKY PEAK NURSERY	200.0	0.0	200.0
13201990	FISH & GAME FLOW	0.0	0.0	50000.0
13201991	USBR FLOW	0.0	0.0	102300.0
13203000	NEW YORK	254571.0	359662.0	614233.0
13203760	RIDENBAUGH	3832.0	15137.0	53969.0
13204005	HUBB	0.0	543.0	1043.0
13204060	ROSSI MILL	0.0	0.0	700.0
13204190	BOISE CITY	0.0	0.0	1000.0
13205515	SETTLERS	2878.0	6082.0	18960.0
13205517	DAVIS	0.0	0.0	1500.0
13205622	THURMAN MILL	0.0	0.0	800.0
13205638	BOISE WATER CORP	0.0	1000.0	1000.0
13205640	FARMERS UNION	2874.0	5727.0	18601.0
13205641	BOISE VALLEY	0.0	961.0	3461.0
13205643	CAPITOL VIEW	0.0	450.0	760.0
13206090	NEW DRY CREEK	0.0	1296.0	4296.0
13206092	NEW UNION	0.0	0.0	1400.0
13206265	BALLENTINE	0.0	376.0	1676.0
13208710	MIDDLETON	0.0	0.0	11000.0
13209480	PHILLIS	21018.0	25582.0	62600.0
13209482	EUREKA #1	0.0	0.0	2800.0
13209630	LITTLE PIONEER	0.0	2174.0	2674.0
13209990	CANYON COUNTY	0.0	0.0	6000.0
13210992	SEBREE	1227.0	0.0	1227.0
99999050	ANDERSON DAM POWER	0.0	4200.0	4200.0
99999100	EAGLE IS CANALS	0.0	0.0	7650.0
TOTAL		286600.0	423200.0	974050.0

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BY
LEE SISCO
WATERMASTER, BOISE RIVER

CHART 8. 1993 BOISE RIVER RESERVOIR SPACE BY USER. (ACRE-FEET)

NUMBER	USER	ARROWROCK	ANDERSON	LUCKY PEAK	TOTAL
13189600	TRINITY SPRINGS	0.0	800.0	0.0	800.0
13201050	LUCKY PEAK NURSERY	200.0	0.0	0.0	200.0
13201990	FISH & GAME FLOW	0.0	0.0	50000.0	50000.0
13201991	USBR FLOW	0.0	0.0	102300.0	102300.0
13203000	NEW YORK	254571.0	359662.0	0.0	614233.0
13203760	RIDENBAUGH	3832.0	15137.0	35000.0	53969.0
13204005	BURB	0.0	543.0	500.0	1043.0
13204060	KOSKI MILL	0.0	0.0	700.0	700.0
13204190	BOISE CITY	0.0	0.0	1000.0	1000.0
13205515	SETTLERS	2878.0	6082.0	10000.0	18960.0
13205517	DAVIS	0.0	0.0	1500.0	1500.0
13205622	THURMAN MILL	0.0	0.0	800.0	800.0
13205638	BOISE WATER CORP	0.0	1000.0	0.0	1000.0
13205640	FARMERS UNION	2874.0	5727.0	10000.0	18601.0
13205641	BOISE VALLEY	0.0	961.0	2500.0	3461.0
13205643	CAPITOL VIEW	0.0	460.0	300.0	760.0
13206090	NEW DRY CREEK	0.0	1296.0	3000.0	4296.0
13206092	NEW UNION	0.0	0.0	1400.0	1400.0
13206265	BALLENTRYNE	0.0	376.0	1300.0	1676.0
13208710	MIDDLETON	0.0	0.0	11000.0	11000.0
13209480	PHYLLIS	21018.0	25582.0	16000.0	62600.0
13209482	EUREKA #1	0.0	0.0	2800.0	2800.0
13209630	LITTLE PIONEER	0.0	2174.0	500.0	2674.0
13209990	CANYON COUNTY	0.0	0.0	6000.0	6000.0
13210992	SEBREE	1227.0	0.0	0.0	1227.0
99999050	ANDERSON DAM POWER	0.0	3400.0	0.0	3400.0
99999080	ANDSN UNCONTRACTED	0.0	41000.0	0.0	41000.0
99999100	EAGLE IS CANALS	0.0	0.0	7650.0	7650.0
TOTAL		286600.0	464200.0	264250.0	1015050.0

CHART 9. 1993 BOISE RIVER RESERVOIR STORAGE ACCOUNTS. (ACRE-FEET)

NUMBER	USER	ARROWROCK STORAGE	CARRYOVER	NEW FILL	STORAGE	*****	LUCKY PEAK CARRYOVER	NEW FILL	STORAGE	SUBTOTAL	TRANSFERS	WTR	BANK	TOTAL
13189600	TRINITY SPRINGS	0.0	0.0	800.0	800.0	0.0	0.0	0.0	0.0	800.0	0.0	0.0	0.0	800.0
13201050	LUCKY PEAK NURSERY	200.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	200.0	0.0	0.0	0.0	200.0
13201990	FISH & GAME FLOW	0.0	0.0	0.0	0.0	0.0	645.0	49355.0	50000.0	50000.0	0.0	0.0	0.0	50000.0
13201991	USBR FLOW	0.0	0.0	0.0	0.0	0.0	19799.2	67129.4	86928.6	86928.6	0.0	0.0	0.0	86928.6
13203000	NEW YORK	254571.0	1203.5	358458.5	359662.0	0.0	0.0	0.0	0.0	614233.0	10450.1	0.0	0.0	624683.1
13203760	RIDENBAUGH	3832.0	0.0	15137.0	15137.0	0.0	2264.2	32735.8	35000.0	53969.0	0.0	0.0	0.0	53969.0
13204005	BUBB	0.0	0.0	543.0	543.0	0.0	0.0	500.0	500.0	1043.0	0.0	0.0	0.0	1043.0
13204060	ROSSI MILL	0.0	0.0	0.0	0.0	0.0	645.5	54.5	700.0	700.0	0.0	0.0	0.0	700.0
13204190	BOISE CITY	0.0	0.0	0.0	0.0	0.0	351.8	648.2	1000.0	1000.0	0.0	0.0	0.0	1000.0
13205515	SETTLERS	2878.0	0.0	6082.0	6082.0	0.0	290.5	9709.5	10000.0	18960.0	0.0	0.0	0.0	18960.0
13205517	DAVIS	0.0	0.0	0.0	0.0	0.0	328.4	1171.6	1500.0	1500.0	0.0	0.0	0.0	1500.0
13205622	THURMAN MILL	0.0	0.0	0.0	0.0	0.0	569.5	230.5	800.0	800.0	0.0	0.0	0.0	800.0
13205638	BOISE WATER CORP	0.0	197.3	802.7	1000.0	0.0	0.0	0.0	0.0	1000.0	0.0	0.0	0.0	1000.0
13205640	FARMERS UNION	2874.0	0.0	5727.0	5727.0	0.0	1164.6	8835.4	10000.0	18601.0	0.0	0.0	0.0	18601.0
13205641	BOISE VALLEY	0.0	0.0	961.0	961.0	0.0	0.0	2500.0	2500.0	3461.0	0.0	0.0	0.0	3461.0
13205643	CAPITOL VIEW	0.0	16.0	444.0	460.0	0.0	62.4	237.6	300.0	760.0	0.0	0.0	0.0	760.0
13206090	NEW DRY CREEK	0.0	0.0	1296.0	1296.0	0.0	890.3	2109.7	3000.0	4296.0	0.0	0.0	0.0	4296.0
13206092	NEW UNION	0.0	0.0	0.0	0.0	0.0	871.8	528.2	1400.0	1400.0	0.0	0.0	0.0	1400.0
13206265	BALLEN TYNE	0.0	0.0	376.0	376.0	0.0	49.2	1250.8	1300.0	1676.0	0.0	0.0	0.0	1676.0
13208710	MIDDLETON	0.0	0.0	0.0	0.0	0.0	1287.2	9712.8	11000.0	11000.0	0.0	0.0	0.0	11000.0
13209480	PHYLLIS	21018.0	0.0	25382.0	25382.0	0.0	519.4	15480.6	16000.0	62600.0	0.0	0.0	0.0	62600.0
13209482	EUREKA #1	0.0	0.0	0.0	0.0	0.0	1367.4	1432.6	2800.0	2800.0	0.0	0.0	0.0	2800.0
13209630	LITTLE PIONEER	0.0	0.0	2174.0	2174.0	0.0	18.1	481.9	500.0	2674.0	0.0	0.0	0.0	2674.0
13209990	CANYON COUNTY	0.0	0.0	0.0	0.0	0.0	1697.4	4302.6	6000.0	6000.0	0.0	0.0	0.0	6000.0
13210992	SEBREE	1227.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1227.0	0.0	0.0	-39.0	1188.0
99999050	ANDERSON DAM POWER	0.0	328.5	3071.5	3400.0	0.0	0.0	0.0	0.0	3400.0	-400.0	-3000.0	0.0	0.0
99999080	ANDSN UNCONTRACTED	0.0	41000.0	0.0	41000.0	0.0	0.0	0.0	0.0	41000.0	-10050.1	-20000.0	0.0	10949.9
99999100	EAGLE IS CANALS	0.0	0.0	0.0	0.0	0.0	1756.0	5894.0	7650.0	7650.0	0.0	0.0	0.0	7650.0
99999200	ENDANGERED SPECIES	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	23000.0	0.0	23000.0
99999950	BOISE R WATER BANK	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	39.0	0.0	39.0
TOTAL		286600.0	42745.3	421454.7	464200.0	34577.9	214300.7	248878.6	999678.6	0.0	0.0	0.0	0.0	999678.6

REPORT ON
CANAL DELIVERIES FROM
BOISE RIVER
AND
DIFFERENT FEATURES AFFECTING THESE
DELIVERIES FOR THE IRRIGATION SEASON
OF 1999

(DATA FOR THIS REPORT GATHERED BY THE
WRITER WHILE ACTING IN THE CAPACITY OF
WATERMASTER OF THE BOISE RIVER.)

(COOPERATIVE DATA ALSO FURNISHED BY
THE UNITED STATES BUREAU OF RECLAMATION.)

BY
LEE SISCO
WATERMASTER, BOISE RIVER

CHART 8 BOISE RIVER RESERVOIR SPACE BY USER. (ACRE-FEET)

NUMBER	USER	ARROWROCK	ANDERSON	LUCKY PEAK	TOTAL
13189600	TRINITY SPRINGS	0.0	800.0	0.0	800.0
13201050	LUCKY PEAK NURSERY	200.0	0.0	0.0	200.0
13201990	FISH & GAME FLOW	0.0	0.0	50000.0	50000.0
13201991	USBR FLOW	0.0	0.0	143352.0	143352.0
13203000	NEW YORK	254571.0	359662.0	0.0	614233.0
13203527	SURPRIS VY/MICRON	0.0	3000.0	0.0	3000.0
13203760	RIDENBAUGH	3832.0	15137.0	0.0	18969.0
13204005	BUBB	0.0	543.0	500.0	1043.0
13204060	ROSSI MILL	0.0	0.0	700.0	700.0
13204190	BOISE CITY	0.0	0.0	1000.0	1000.0
13204200	BOISE WATER CORP	0.0	1000.0	0.0	1000.0
13205515	SETTLERS	2878.0	6082.0	10000.0	18960.0
13205517	DAVIS	0.0	0.0	1500.0	1500.0
13205622	THURMAN MILL	0.0	0.0	800.0	800.0
13205640	FARMERS UNION	2874.0	5727.0	10000.0	18601.0
13205641	BOISE VALLEY	0.0	961.0	2500.0	3461.0
13205643	CAPITOL VIEW	0.0	460.0	300.0	760.0
13206090	NEW DRY CREEK	0.0	1296.0	3000.0	4296.0
13206092	NEW UNION	0.0	0.0	1400.0	1400.0
13206265	BALLENTYNE	0.0	376.0	1300.0	1676.0
13208710	MIDDLETON	0.0	0.0	11000.0	11000.0
13209480	PHYLLIS	21018.0	25582.0	16000.0	62600.0
13209482	EUREKA #1	0.0	0.0	2800.0	2800.0
13209630	LITTLE PIONEER	0.0	2174.0	500.0	2674.0
13209990	CANYON COUNTY	0.0	0.0	6000.0	6000.0
13210992	SEBREE	1227.0	0.0	0.0	1227.0
99999050	ANDERSON DAM POWER	0.0	400.0	0.0	400.0
99999080	ANDSN UNCONTRACTED	0.0	41000.0	0.0	41000.0
99999100	EAGLE IS CANALS	0.0	0.0	1718.0	1718.0
TOTAL		286600.0	464200.0	264370.0	1015170.0

CHART 9 1999 BOISE RIVER RESERVOIR STORAGE ACCOUNTS. (ACRE-FEET)

NUMBER	USER	ARROWROCK STORAGE	*-----ANDERSON RANCH-----*	*-----LUCKY PEAK-----*	SUBTOTAL
13189600	TRINITY SPRINGS	0.0	799.8	0.0	0.0
13201050	LUCKY PEAK MURSERY	200.0	0.0	0.0	0.0
13201990	FISH & GAME FLOW	0.0	0.0	0.0	0.0
13201991	USBR FLOW	0.0	0.0	0.0	0.0
13203000	NEW YORK	254571.0	257285.0	102377.0	359662.0
13203527	SURPRIS VY/MICRON	0.0	0.0	3000.0	3000.0
13203760	RIDENBAUGH	3832.0	3937.3	11199.7	15137.0
13204005	BUBB	0.0	447.3	95.7	543.0
13204060	ROSSI MILL	0.0	0.0	0.0	0.0
13204190	BOISE CITY	0.0	0.0	0.0	0.0
13204200	BOISE WATER CORP	0.0	637.0	363.0	1000.0
13205515	SETTLERS	2878.0	4867.5	1214.5	6082.0
13205517	DAVIS	0.0	0.0	0.0	0.0
13205622	THURMAN MILL	0.0	0.0	0.0	0.0
13205640	FARMERS UNION	2874.0	5018.6	708.4	5727.0
13205641	BOISE VALLEY	0.0	646.0	315.0	961.0
13205643	CAPITOL VIEW	0.0	0.0	460.0	460.0
13206090	NEW DRY CREEK	0.0	1296.0	0.0	1296.0
13206092	NEW UNION	0.0	0.0	0.0	0.0
13206265	BALLETYNNE	0.0	277.7	98.3	376.0
13208710	MIDDLETON	0.0	0.0	0.0	0.0
13209480	PHYLLIS	21018.0	20932.9	4649.1	25582.0
13209482	EUREKA #1	0.0	0.0	0.0	0.0
13209630	LITTLE PIONEER	0.0	2065.1	108.9	2174.0
13209990	CANYON COUNTY	0.0	0.0	0.0	0.0
13210992	SEBREE	1227.0	0.0	0.0	0.0
99999050	ANDERSON DAM POWER	0.0	400.0	0.0	400.0
99999080	ANDSN UNCONTRACTED	0.0	41000.0	0.0	41000.0
99999100	EAGLE IS CANALS	0.0	0.0	0.0	0.0
TOTAL		286600.0	339610.2	124589.8	464200.0
			213103.7	44298.3	257402.0
					01008202.0