

**WATER DISTRIBUTION
OF
BOISE RIVER
DISTRICT 63
1998**

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(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

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SUMMARY

The 1998 water year was a good one that proved to be one of the better runoffs in recent history, that worried many on the river. The 1998 water year proved to be a very good one for the irrigators with plenty of water for all uses in the valley. The system filled and thanks to very good management through the 1998 season, the managers were able to keep water in their canals the full length of the irrigation season.

There was about 3.22 million acre feet of run-off, which is above a normal year. Irrigators and water managers were very excited but again practiced strict water management techniques to stretch their natural flow and storage water. There was approximately 540,234 acre feet left in the upper three storage reservoirs at the end of the 1998 season. This is one of the larger amounts of carry-over that has been left in the system in recent memory. Irrigators and managers learned a lesson during the drought period and are becoming more and more efficient with their water even in years of plenty.

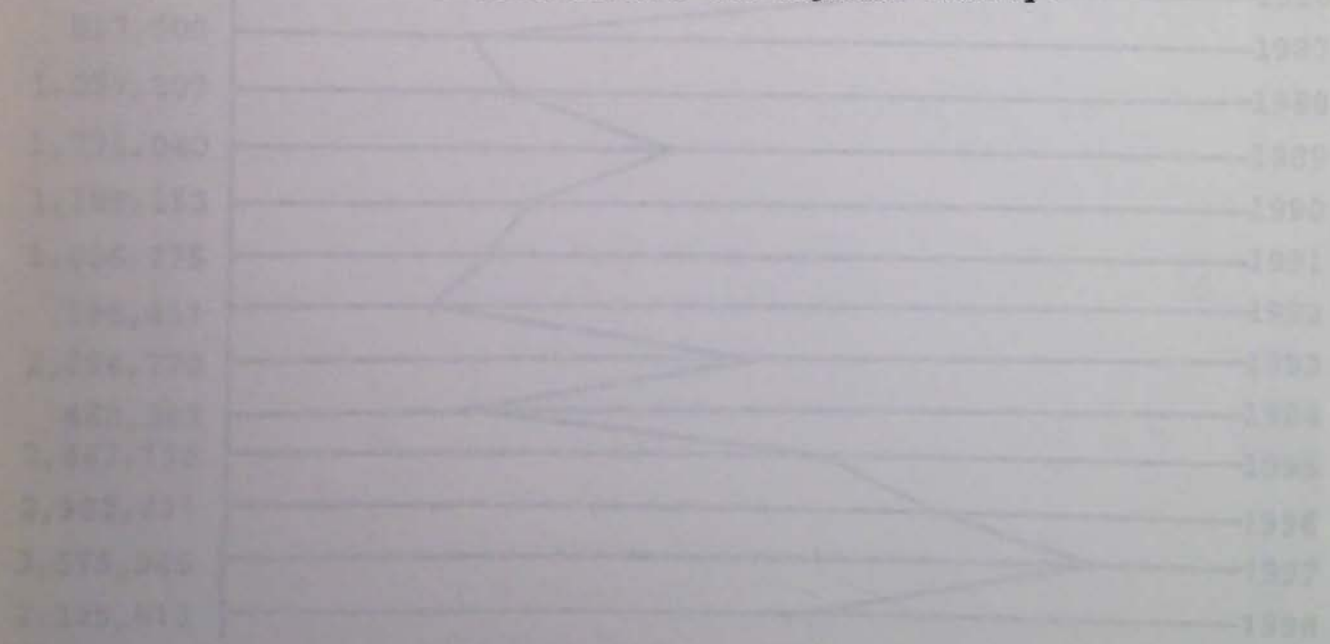
Because of the good water year, the Boise River Water Bank was used very little by the irrigators, but was used to provide water for the salmon recovery effort. There was 41,487 acre feet sold through the bank, only 555 acre feet were used for consumptive use and the remaining 40,932 was earmarked for salmon recovery. With the recent dry cycle, most storage holders are still being very conservative about placing water in the bank, opting to carry it over rather than being caught short the next year.

One other problem that occurred on the river this year is that there was extensive flood control, this lead to some minor flooding due to the channel restrictions. The channel down at the Eagle Island split will not handle normal flood releases

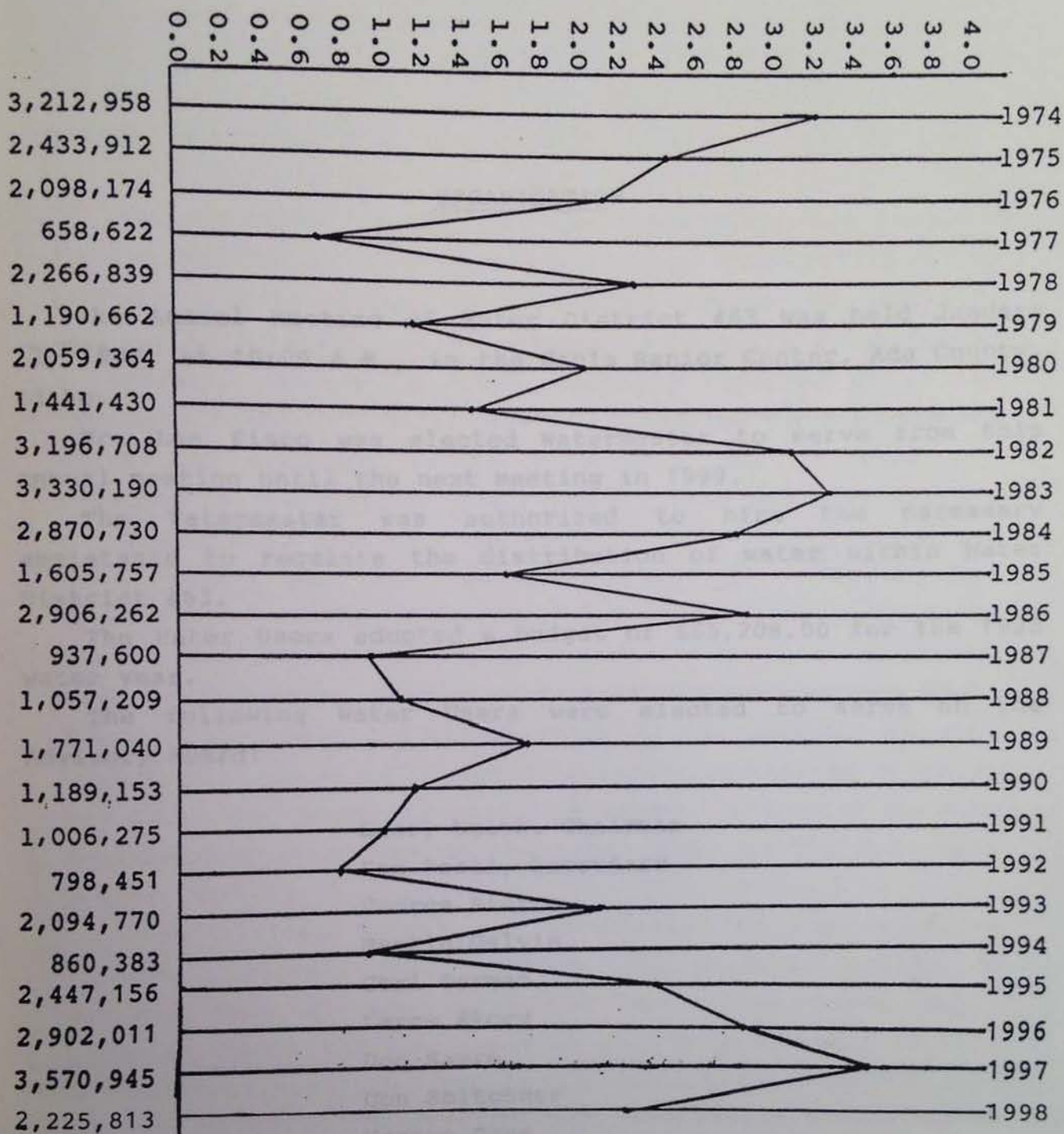
and there were several rather worried home owners and developers. More aggressive river maintenance must take place if the river is to handle the flood control waters, once we again get back to normal water years.

All of the data presented in this report will be based on an Irrigation Year, that being from November 1st to October 31st. Only information concerning the Annual Water Users Meeting or budget matters will be based on a Calendar Year.

We take this opportunity to express our appreciation and gratitude for the assistance of the Department of Water Resources, the Central Snake Project Office of the Bureau of Reclamation and the United States Geological Survey.



RUNOFF IN MILLIONS OF ACRE-FEET



ANNUAL RUNOFF BOISE RIVER

ORGANIZATION

The Annual Meeting of Water District #63 was held January 12, 1998, at 10:00 A.M., in the Eagle Senior Center, Ada County, Idaho.

Mr. Lee Sisco was elected Watermaster to serve from this annual meeting until the next meeting in 1999.

The Watermaster was authorized to hire the necessary assistants to regulate the distribution of water within Water District #63.

The Water Users adopted a budget of \$65,208.00 for the 1998 water year.

The following Water Users were elected to serve on the Advisory Board:

Henry Weick, Chairman
Sam Rosti, Secretary
George Pierce
Martin Galvin
Carl German
Larry Story
Don Sayre
Don Smitchger
Vernon Case
Jerry Gregg

Any other meetings to be held during the year are subject to call by the Chairman of the Advisory Board.

DECREEES

Stewart Decree:

The old water rights from the Boise River are included in the decree in the case of FARMERS COOPERATIVE DITCH COMPANY, a Corporation, vs. RIVERSIDE IRRIGATION DISTRICT, LTD., a Corporation, et al, signed by District Judge George H. Stewart, January 18, 1906, commonly referred to as the "Stewart Decree". This case was appealed to the Supreme Court and affirmed as to priorities and acreage, but remanded to the District Court for the sole and only purpose of determining the duty of water. In 1914 testimony was taken before the Court as to the duty of water and was transcribed, which consists of approximately 2,630 typewritten pages. The final decree of the Court as to the duty of water has never been entered. However, Judge E. L. Bryan, Judge of the District Court of the Seventh Judicial District of the State of Idaho, issued a continuing order on May 31, 1919, which is still in effect, providing for the distribution of waters of the Boise River in the following manner, to-wit:

"The various rights, as adjudicated in the so-called "Stewart Decree", shall receive 100 percent, until the natural flow of the waters of the Boise River shall decrease, until all the rights in said decree cannot receive 100 percent, at which time the various rights as adjudicated in the so-called "Stewart Decree" shall first be cut to 75 percent of the amount of water decreed by the "Stewart Decree" as the natural flow of the Boise River decreases, beginning with the latest right and proceeding to the earliest rights in the order fixed in said "Stewart Decree", and after all of the rights shall have been reduced to 75 percent of the amount fixed in the "Stewart Decree", should the natural flow of the waters in the Boise River decrease

below the amount necessary to supply said 75 percent of the water rights as decreed in said "Stewart Decree", then the various rights beginning with the latest and proceeding to the earliest, as aforesaid, shall be reduced to 60 percent of the amount specified in the "Stewart Decree", and 60 percent of the amount decreed in the "Stewart Decree" is hereby fixed and determined as the highest duty of water for year 1919.

Bryan Decree:

In the SEVENTH JUDICIAL DISTRICT of the State of Idaho, Judge E. L. Bryan signed a decree on February 14, 1929, in the case of PIONEER IRRIGATION DISTRICT vs. AMERICAN DITCH ASSOCIATION, et al, commonly referred to as the "Flood Water Suit", or "Bryan Decree". All rights decreed in this case are made subsequent to the "Stewart Decree. This case was appealed to the Supreme Court where it was upheld as to some of the rights involved but remanded to the District Court for retrial on the question of the duty of water and also for the purpose of determing certain other rights.

On January 30, 1932, Judge A. O. Sutton signed an order temporarily establishing the various rights in the "Flood Water Suit" and providing for a duty of water similar to the "Sliding Scale" in the Stewart Decree. On June 23, 1933, Judge Chas. E. Winstead of the THIRD JUDICIAL DISTRICT, sitting as Judge in the SEVENTH JUDICIAL DISTRICT for the State of Idaho, signed a continuing order making the order of Judge Sutton for 1932 effective for 1933 and continuing. This order has remained in effect since that time.

Chart #1 shows the condensed "Stewart Decree", listing right holders, priority dates and the amount decreed. Chart #2 shows the Intervenorrs in the "Stewart Decree", showing the owner, priority date and amount decreed.

The Stewart and Bryan Decrees are also grouped under the canal name for ease in locating the current right owner, Chart #3.

Chart #4 shows the 60%, 75% and 100% flows required to satisfy the order of Judge Bryan for the Stewart Decree. Also, Chart #5 shows the same thing for the Bryan Decree.

1	Stewart	Stewart Water Right	10.00	500	10-0100
2	Stewart	Stewart Water Right	10.00	500	10-0100
3	Stewart	Stewart & Sons	10.00	500	10-0100
4	Stewart	J. C. Gifford	10.00	500	10-0100
5	Stewart	C. C. Adams	10.00	500	10-0100
6	Stewart	Proctor Water Right Co.	10.00	500	10-0100
7	Stewart	Stewart Water Right Co.	10.00	500	10-0100
8	Stewart	John W. Stewart	10.00	500	10-0100
9	Stewart	J. C. Taylor	10.00	500	10-0100
10	Stewart	Stewart & Adams	10.00	500	10-0100
11	Stewart	Stewart Water Co.	10.00	500	10-0100
12	Stewart	Stewart Water Right Co.	10.00	500	10-0100
13	Stewart	Stewart Water Right Co.	10.00	500	10-0100
14	Stewart	Stewart Water Right Co.	10.00	500	10-0100
15	Stewart	Stewart Water Right Co.	10.00	500	10-0100
16	Stewart	Stewart Water Right Co.	10.00	500	10-0100
17	Stewart	Stewart Water Right Co.	10.00	500	10-0100
18	Stewart	Stewart Water Right Co.	10.00	500	10-0100
19	Stewart	Stewart Water Right Co.	10.00	500	10-0100
20	Stewart	Stewart Water Right Co.	10.00	500	10-0100
21	Stewart	Stewart Water Right Co.	10.00	500	10-0100
22	Stewart	Stewart Water Right Co.	10.00	500	10-0100
23	Stewart	Stewart Water Right Co.	10.00	500	10-0100
24	Stewart	Stewart Water Right Co.	10.00	500	10-0100
25	Stewart	Stewart Water Right Co.	10.00	500	10-0100
26	Stewart	Stewart Water Right Co.	10.00	500	10-0100
27	Stewart	Stewart Water Right Co.	10.00	500	10-0100
28	Stewart	Stewart Water Right Co.	10.00	500	10-0100
29	Stewart	Stewart Water Right Co.	10.00	500	10-0100
30	Stewart	Stewart Water Right Co.	10.00	500	10-0100
31	Stewart	Stewart Water Right Co.	10.00	500	10-0100
32	Stewart	Stewart Water Right Co.	10.00	500	10-0100
33	Stewart	Stewart Water Right Co.	10.00	500	10-0100
34	Stewart	Stewart Water Right Co.	10.00	500	10-0100
35	Stewart	Stewart Water Right Co.	10.00	500	10-0100
36	Stewart	Stewart Water Right Co.	10.00	500	10-0100
37	Stewart	Stewart Water Right Co.	10.00	500	10-0100
38	Stewart	Stewart Water Right Co.	10.00	500	10-0100
39	Stewart	Stewart Water Right Co.	10.00	500	10-0100
40	Stewart	Stewart Water Right Co.	10.00	500	10-0100
41	Stewart	Stewart Water Right Co.	10.00	500	10-0100
42	Stewart	Stewart Water Right Co.	10.00	500	10-0100
43	Stewart	Stewart Water Right Co.	10.00	500	10-0100
44	Stewart	Stewart Water Right Co.	10.00	500	10-0100
45	Stewart	Stewart Water Right Co.	10.00	500	10-0100

STEWART DECREE

CHART NO. 1

BOISE RIVER

NUMBER	DATE	NAME	AMOUNT DECREED		DEPT. OF WATER ADMINISTRATION
			SEC. FT.	INCHES	
1	6-1-1864	THOMAS DAVIS	2.20	110	63-0120
2	6-1-1864	JACOBS CANAL CO.	20.00	1000	63-0123
3	6-1-1864	MIDDLETON MILL DITCH	12.80	640	63-0124
4	6-1-1864	THOMAS ANDREWS	3.30	165	63-0127
5	6-1-1864	CATLIN & MACE	2.86	143	63-0132
6	6-1-1864	T. C. CATLIN	3.30	165	63-0134
7	6-1-1864	C. C. HAVIRD	3.30	165	63-0135
8	9-1-1864	PIONEER DIXIE DITCH CO.	20.00	1000	63-0136
9	6-1-1865	SIEBENBERG DITCH CO.	13.42	671	63-0138
10	6-1-1865	ALLEN V. WEBSTER	1.20	60	63-0139
11	6-1-1865	J. F. YARYAN	.66	33	63-0141
12	6-1-1865	GRAHAM & GILBERT	4.40	220	63-0144
13	6-1-1865	EUREKA WATER CO.	33.32	1666	63-0145
14	6-1-1865	NEW UNION DITCH CO.	13.76	688	63-0146
15	6-1-1865	BOISE VALLEY IRRIGATION DITCH CO.	54.58	2729	63-0147
16	6-1-1865	RIDENBAUGH & ROSSI	9.20	460	63-0148
17	6-1-1865	RIDENBAUGH & ROSSI (POWER)	265.80	13290	63-0149
18	6-1-1865	DENVER & IDAHO LAND CO.	.80	40	63-0150
19	6-1-1865	MARTHA BOWMAN	2.88	144	63-0151
20	6-1-1865	BIRD BOWMAN	6.40	320	63-0152
21	6-1-1865	G. W. GESS	2.90	145	63-0153
22	6-1-1865	ROBERT MCGUIRE	3.20	160	63-0154
23	6-1-1865	C. W. COOPER	3.20	160	63-0155
24	6-1-1865	J. W. ROLAND	2.40	120	63-0156
25	6-1-1865	DRAPER & WELLS	3.94	197	63-0157
26	6-1-1865	THOMAS J. PALMER	1.60	80	63-0158
27	6-1-1865	NOAH W. PALMER	1.58	79	63-0159
28	6-1-1865	J. N. TUCKER	7.00	350	63-0160
29	6-1-1865	THOMAS ANDREWS	6.00	300	63-0128
30	5-1-1866	J. PERRAULT & R. JOHNSON	50.00	2500	63-0161
31	6-1-1866	WILLIAM P. KENNEDY	2.60	130	63-0163
32	6-1-1866	MANVILLE & LEONARD	3.50	175	63-0164
33	6-1-1866	BOISE CITY CANAL CO.	38.06	1903	63-0165
34	7-3-1866	FRANKLIN DITCH CO.	15.40	770	63-0166
35	6-1-1867	CANYON COUNTY WATER CO.	75.80	3790	63-0168
36	6-1-1868	MARTHA E. MCCARTY	14.10	705	63-0169
37	6-1-1868	H. D. & DORA GOODMAN	3.70	185	63-0170
38	6-1-1868	T. T. JOHNSON	3.20	160	63-0171
39	6-1-1868	ROSS, ALLEN, DILLEY & ROSS	8.54	427	63-0172
40	6-1-1868	S. S. GRAY	1.40	70	63-0173
41	6-1-1869	JOHN MAMMON	1.80	90	63-0174
42	6-1-1869	ISAAC BEDAL	1.60	80	63-0176
43	6-1-1869	FREDERICK ODE	3.60	180	63-0177
44	6-1-1869	PRIOR BURNETT	8.50	425	63-0178
45	6-1-1869	PIONEER DIXIE DITCH CO.	35.44	1772	63-0137

STEWART DECREE

CHART NO. 1

BOISE RIVER

NUMBER	DATE	NAME	AMOUNT DECREED		DEPT. OF WATER ADMINISTRATION
			SEC. FT.	INCHES	
46	6-1-1869	MASON CREEK DITCH CO.	37.20	1860	63-0179
47	6-1-1869	T. W. BOONE	3.50	175	63-0180
48	6-1-1870	W. J. HAMMING	2.60	130	63-0182
49	6-1-1870	PIONEER CANAL	25.72	1286	63-0183
50	6-1-1870	BARBER LUMBER CO.	2.24	112	63-0184
51	6-1-1870	THOMAS ANDREWS	1.30	65	63-0129
52	6-1-1871	CATLIN & MACE	7.86	393	63-0133
53	6-1-1871	PETER MEEVES	1.80	90	63-0185
54	6-1-1871	MIDDLETON MILL DITCH CO.	33.70	1685	63-0125
55	6-1-1872	J. F. YARYAN	.70	35	63-0142
56	6-1-1872	J. F. YARYAN	1.40	70	63-0143
57	6-1-1872	MARY C. DAVIS	4.40	220	63-0186
58	6-1-1872	EDWARD N. HART	3.30	165	63-0187
59	6-1-1874	T. W. BOONE	2.20	110	63-0181
60	6-1-1875	FARMERS COOPERATIVE DITCH CO.	10.00	500	63-0188
61	6-1-1876	EDWARD & MARY CLARK	2.30	115	63-0192
62	6-1-1876	JOHN CECIL	.44	22	63-0193
63	6-1-1877	THOMAS AIKENS	5.20	260	63-0194
64	6-1-1877	W. H. CONWAY	.90	45	63-0196
65	6-1-1877	MIDDLETON WATER CO.	114.08	5704	63-0198
66	7-1-1877	PERRAULT & JOHNSON (POWER)	200.00	10000	63-0162
67	5-1-1878	NAMPA MERIDIAN IRRIGATION DISTRICT	170.00	8500	63-0199
68	6-1-1878	JOHN MAMMON	4.20	210	63-0175
69	6-1-1878	JULIA MAMMON	3.36	168	63-0201
70	6-1-1878	CHARLES ALLEN	8.80	440	63-0202
71	6-1-1878	R. H. STOCKTON	4.40	220	63-0203
72	6-1-1879	NEW DRY CREEK DITCH CO.	31.32	1566	63-0205
73	6-1-1879	D. MUMFORD	4.00	200	63-0208
74	6-1-1880	SMITH STOCKTON	1.76	88	63-0209
75	7-1-1880	ISHAM JOPLIN	2.40	120	63-0210
76	10-20-1880	JOSEPH GOBLE	.90	45	63-0211
77	10-29-1880	FRANKLIN DITCH CO.	27.60	1380	63-0167
78	6-1-1882	ALLEN V. WEBSTER	.90	45	63-0140
79	6-1-1882	SUSIE CAMPBELL	.60	30	63-0212
80	6-1-1882	J. T. BARBER	1.60	80	63-0213
81	6-1-1882	SONORA JOPLIN	3.40	170	63-0214
82	6-1-1882	S. W. HUTCHINSON	.44	22	63-0217
83	6-1-1882	JOHNSON	.44	22	63-0218
84	6-1-1882	ANDREW J. JOPLIN	2.86	143	63-0219
85	6-1-1882	JAMES L. GRAHAM	2.20	110	63-0220
86	6-1-1883	FARMERS COOPERATIVE DITCH CO.	20.00	1000	63-0189
87	6-1-1883	FRANCIS M. JOPLIN	.90	45	63-0221
88	6-1-1883	W. A. BLACK	12.00	600	63-0222
89	11-9-1883	EUREKA DITCH CO. NO. 2	21.70	1085	63-0223
90	6-1-1884	PIONEER IRRIGATION DISTRICT	53.10	2655	63-0371

STEWART DECREE

CHART NO. 1

BOISE RIVER

NUMBER	DATE	NAME	AMOUNT DECREED		DEPT. OF WATER ADMINISTRATION
			SEC. FT.	INCHES	
91	6-1-1884	RIVERSIDE IRRIGATION DISTRICT	20.00	1000	63-0226
92	10-17-1884	SETTLERS CANAL CO.	99.06	4953	63-0230
93	6-1-1886	NEW DRY CREEK DITCH	15.22	761	63-0206
94	6-1-1886	THOMAS DAVIS	13.40	670	63-0121
95	1-23-1887	WM. C., L. & E. YOUNG	4.00	200	63-0232
96	10-1-1887	AMERICAN DITCH ASSOCIATION	47.80	2390	63-0233
97	6-1-1888	NEW DRY CREEK DITCH CO.	7.86	393	63-0207
98	6-1-1888	A. V. LINDER	4.00	200	63-0234
99	6-1-1888	LEVI SMITH	1.30	65	63-0235
100	6-1-1888	CHARLOTTE CALHOUN	1.40	70	63-0236
101	6-1-1888	ED. J. LINDER	1.46	73	63-0237
102	6-1-1888	LIZZIE EVERETT	1.20	60	63-0238
103	6-1-1888	JESSE WILSON	1.40	70	63-0239
104	6-1-1888	THOMAS ANDREWS	.90	45	63-0130
105	7-1-1888	FARMERS COOPERATIVE DITCH CO.	50.00	2500	63-0190
106	8-20-1888	NAMPA MERIDIAN IRRIGATION DISTRICT	370.84	18542	63-0200
107	5-1-1889	CHARLES H. MILLER	.06	3	63-0240
108	5-1-1889	LOOMIS L. HOSLEY	.02	1	63-0241
109	5-1-1889	S. J. UTTER & C. B. TAYLOR	2.40	120	63-0242
110	5-1-1889	SOUTH BOISE MUTUAL IRRIGATION CO.	6.00	300	63-0243
111	5-1-1889	ESTATE OF J. H. GALLAGHER	2.94	147	63-0244
112	5-1-1889	ANNIE H. FOGARTY	.05	2.5	63-0245
113	5-1-1889	GRACE CALL	.10	5	63-0246
114	5-1-1889	SAMUEL H. CANFIELD	.03	1.5	63-0247
115	6-1-1889	SONORA JOPLIN	.06	3	63-0215
116	6-1-1889	SONORA JOPLIN	1.20	60	63-0216
117	9-1-1890	PIONEER IRRIGATION DISTRICT	200.00	10000	63-0224
118	6-1-1891	W. H. CONWAY	2.20	110	63-0197
119	6-1-1891	THOMAS DAVIS	.54	27	63-0122
120	6-1-1891	MIDDLETON MILL DITCH CO.	17.00	850	63-0126
121	6-1-1891	THOMAS ANDREWS	3.50	175	63-0131
122	6-1-1891	SETTLERS CANAL CO.	73.44	3672	63-0231
123	6-1-1891	THOMAS AIKEN	.80	40	63-0195
124	5-1-1893	RIVERSIDE IRRIGATION DISTRICT	80.00	4000	63-0227
125	6-1-1894	R. H. STOCKTON	1.76	88	63-0204
126	7-2-1894	FARMERS UNION DITCH CO.	110.00	5500	63-0248
127	5-1-1895	CHARLES REIN & JANE KEOM	1.00	50	63-0249
128	7-1-1895	MATHEW CASEY	.66	33	63-0250
129	7-1-1896	FARMERS COOPERATIVE DITCH CO.	83.50	4175	63-0191
130	10-1-1899	RIVERSIDE IRRIGATION DISTRICT	20.00	1000	63-0228
131	3-23-1900	NEW YORK CANAL CO.	219.10	10955	63-0251
132	5-17-1900	CANYON DITCH CO.	10.00	500	63-0369
133	6-1-1901	RIVERSIDE IRRIGATION DISTRICT	70.00	3500	63-0229
134	10-25-1901	CANYON DITCH CO.	5.54	277	63-0252
135	4-1-1904	PIONEER IRRIGATION DISTRICT	56.34	2817	63-0225

INTERVENORS - STEWART DECREE

CHART NO. 2

BOISE RIVER

NUMBER	DATE	NAME	CANAL	AMOUNT DECREED		DEPT. OF WATER ADMINISTRATION
				SEC. FT.	INCHES	
8-A	4-1-1865	ADOLPH BAHLER	BAHLER	.80	40	63-0278
8-B	4-1-1865	FIRST NAT.BANK OF PUEBLO	BUBB	1.80	90	63-0280
8-C	1865	LOUISE SIMONSON	LEMP DITCH	6.00	300	63-0270
8-D	1865	S. G. HARDIES	BUBB	.50	25	63-0281
31-A	6-1-1866	WM. MUSSER	LAWRENCE & KENNEDY	2.30	115	63-0254
31-B	6-1-1866	MINNIE & JEREMIAH COUZENS	MIDDLETON WATER	.60	30	63-0255
31-C	6-1-1866	ALBERT C. BOWERMAN	LAWRENCE & KENNEDY	1.10	55	63-0001
35-A	6-1-1867	RALPH T. KNIGHT & ORA K. TILLER	CANYON COUNTY WATER Co.	1.76	88	63-0277
47-A	4-1-1870	ADOLPH BAHLER	BAHLER	.80	40	63-0279
50-A	1870	(S. G. HARDIES (AMELIA EISLEY	BUBB	1.00	50	63-0282) 63-0283)
59-A	5-1-1875	KARL F. & OTTO W. ROEDEL	INDIAN CREEK	3.20	160	63-0305
66-A	4-1-1878	J. S. KRAUSS	BALLENTYNE	.80	40	63-0265
66-C	4-1-1878	J. W. KOLANDER	BALLENTYNE	1.40	70	63-0289
66-D	4-1-1878	M. T. GRIFFITH	BALLENTYNE	.80	40	63-0264
71-A	4-1-1879	ISLAND HIGH LINE DITCH	ISLAND HIGH LINE DITCH	3.00	150	63-0291
73-A	4-1-1880	GOBLE & SOMMER	NEW DRY CREEK	.54	27	63-0288
73-B	1880	ALBERT LEMP ET AL	BAXTER DITCH	3.20	160	63-0368
74-A	6-1-1880	C. B. FRANK	NEW DRY CREEK	1.816	90.8	63-0263
77-A	6-1-1881	GUS A. BARTH	PARMA DITCH Co.	1.60	80	63-0272
77-B	6-1-1881	CHARLES JURRIES	PARMA DITCH Co.	.34	17	63-0274
77-C	6-1-1881	JAMES FINLAY	PARMA DITCH Co.	.80	40	63-0275
77-D	6-1-1881	LESTER J. SHIPPY	PARMA DITCH Co.	1.30	65	63-0273
77-E	4-15-1882	ROC HELM	RIVERSIDE IRRIG. DIST.	3.674	183.70	63-0290
85-A	6-1-1882	LEO MARSTERS	WARM SPRINGS SLOUGH	1.76	88	63-0287
85-B	4-1-1883	JACOB BINGMAN	SETTLERS	1.00	50	63-0257
85-C	5-1-1883	WM. HUCKBA	NEW DRY CREEK	.2232	11.16	63-0259
85-D	5-1-1883	C. H. SCHMELZER	BALLENTYNE	.8256	41.28	63-0260
85-E	5-1-1883	C. W. MCCLURG	NEW DRY CREEK	.385	19.25	63-0261
106-A	3-1-1889	AMELIA EISLEY	BUBB	.84	42	63-0284
114-A	5-1-1889	NEIL & PATRICK O'DONNELL	O'DONNELL & BARTH	1.60	80	63-0276
114-B	5-1-1889	GUS A. BARTH	O'DONNELL & BARTH	.80	40	63-0271
116-A	6-1-1890	ANNA SPENCER	RIVERSIDE IRRIG. DIST.	.72	36	63-0266
116-B	6-1-1890	WILLIS B. SPENCER	RIVERSIDE IRRIG. DIST.	.10	5	63-0267
116-C	6-1-1890	REBECCA BELL	RIVERSIDE IRRIG. DIST.	.40	20	63-0268
123-A	4-15-1893	OTTO & MARIE MULLER	MIDDLETON MILL DITCH	1.60	80	63-0370
124-A	5-1-1893	W. D. CHARTERS	NEW DRY CREEK	.825	41.25	63-0258
129-A	4-1-1897	H. E. PLAIN	NEW DRY CREEK	.54	27	63-0286
136	5-1-1906	H. E. WIMER	BALLENTYNE	.392	19.6	63-0285
137	5-1-1909	B. P. WEAVERLING	MACE & MACE	1.76	88	63-0253
137-A	4-1-1910	ISLAND HIGH LINE DITCH	ISLAND HIGH LINE DITCH	7.00	350	63-0292
138	6-14-1912	WESLEY A. MACE	MACE & CATLIN	.44	22	63-0361
139	4-1-1915	ISLAND HIGH LINE DITCH Co.	ISLAND HIGH LINE DITCH	10.00	500	63-0293

STEWART AND BRYAN DECREES GROUPED UNDER CANAL HEADINGS

CHART NO. 3

NAME OF CANAL	CHANGE IN P. OF D.	TRANSFER	PRIORITY NO.	DATE	AMOUNT DECREED			INCHES	TOTAL SEC. FT.
					STEWART DECREE	INTERVENORS STEWART DECREE	BRYAN DECREE		
AIKEN			63	6-1-1877	5.20			260	
			73-A	4-1-1880	.10			5	5.30
ANDREWS DITCH			4	6-1-1864	3.30			165	
			29	6-1-1865	6.00			300	
			44	6-1-1869	8.50			425	
			51	5-1-1870	1.30			65	
			104	6-1-1888	.90			45	
			121	6-1-1891	3.50			175	23.50
BALLENTYNE			98	6-1-1888	4.00			200	
			99	6-1-1888	1.30			65	
			100	6-1-1888	1.40			70	
			101	6-1-1888	1.46			73	
			102	6-1-1888	1.20			60	
			103	6-1-1888	1.40			70	
			123	6-1-1891	.80			40	
			66-A	4-1-1878		.80		40	
			66-C	4-1-1878		1.40		70	
			66-D	4-1-1878		.80		40	
			85-D	5-1-1883		.8256		41.29	
			136	5-1-1906		.392		19.6	
	57		65	6-1-1877	.60			30	
	64*		102	6-1-1888	.20*			10*	
	140*		85-D	5-1-1883		.07*		3.5*	
	151		124-A	5-1-1893		.135		6.75	
	161*		103	6-1-1888	.65*			32.5*	
	174*		103	6-1-1888	.24*			12*	15.3526
BAXTER			73-B	1860				150	
	127		20	6-1-1865	.80	3.20		40	4.00
BOISE CITY			33	6-1-1866	38.06			1903	
		370*	33	6-1-1866	1.124*			56.2*	
		373*	33	6-1-1866	.374*			18.7*	
		1048*	33	6-1-1866	.0875*			4.375*	
		1059*	33	6-1-1866	.10*			5*	
	3559*	3559*	33	6-1-1866	2.025*			101.25*	34.838

*SUBTRACT

STEWART AND BRYAN DECREES GROUPED UNDER CANAL HEADINGS

CHART NO. 3

NAME OF CANAL	CHANGE IN P. OF D.	TRANSFER	PRIORITY		AMOUNT DECREED				TOTAL SEC. FT.
			NO.	DATE	STEWART DECREE	INTERVENORS STEWART DECREE	BRYAN DECREE	INCHES	
BOISE VALLEY LICENSED RIGHT #15242			15	6-1-1865	54.58			2729	
		243		7-19-1921			(1.20)	60	55.78
BOONE DITCH			28	6-1-1865	7.00			350	
			47	6-1-1869	3.50			175	
			59	6-1-1874	2.20			110	12.70
BOWMAN & SWISHER	50		19	6-1-1865	2.88			144	
	51		20	6-1-1865	6.40			320	
	127*		20	6-1-1865	.80*			40*	
	224		89	11-9-1883	.20			45	9.38
			96	10-1-1887	.70				
BUBB (SOUTH BOISE MUTUAL)			107	5-1-1889	.06			3	
			108	5-1-1889	.02			1	
			109	5-1-1889	2.40			120	
			110	5-1-1889	6.00			300	
			111	5-1-1889	2.94			147	
			112	5-1-1889	.05			2.5	
			113	5-1-1889	.10			5	
			114	5-1-1889	.03			1.5	
			8-B	4-1-1865		1.80		90	
			8-D	4-1-1865		.50		25	
			50-A	1870		1.00		50	
			106-A	3-1-1889		.84		42	
				4-1-1905				270	
		4048	101	5-1-1889	.93*		5.40	46.5	20.21

*SUBTRACT

STEWART AND BRYAN DECREES GROUPED UNDER CANAL HEADINGS

CHART NO. 3

NAME OF CANAL	CHANGE IN P. OF D.	TRANSFER	PRIORITY		AMOUNT DECREED				TOTAL SEC. FT.
			NO.	DATE	STEWART DECREE	INTERVENORS		INCHES	
						STEWART DECREE	BRYAN DECREE		
CALDWELL HIGH LINE			34	6-1-1866	15.40			770	
			46	6-1-1869	37.20			1860	
			77	10-29-1880	27.60			1380	
	29*		46	6-1-1869	1.00*			50*	79.20
CAMPBELL (CANYON DITCH CO.)			132	5-17-1900	10.00			500	
			134	10-25-1901	5.54			277	
		38	96	10-1-1887	12.10			605	
		105	9	6-1-1865	.50			25	28.14
CANYON COUNTY			35	6-1-1867	75.80			3790	
			35-A	6-1-1867		1.76		88	
	29		46	6-1-1869	1.00			50	
	36*		35	6-1-1867	.38*			19*	
	54*		35	6-1-1867	1.11*			55.5*	
	59		31	6-1-1866	2.60			130	
	75		35	6-1-1867	.50			25	
	147		35	6-1-1867	.20			10	80.37
CONWAY & HAMMING			48	6-1-1870	2.60			130	
			64	6-1-1877	.90			45	
			118	6-1-1891	2.20			110	5.70
DAVIS (LITTLE DAVIS)			94	6-1-1886	13.40			670	
			119	6-1-1891	.54			27	13.94
EUREKA NO. 1			13	6-1-1865	33.32			1666	33.32

STEWART AND BRYAN DECREES GROUPED UNDER CANAL HEADINGS

CHART NO. 3

NAME OF CANAL	CHANGE IN P. OF D.	TRANSFER	PRIORITY NO.	DATE	AMOUNT DECREED			TOTAL SEC. FT.
					STEWART DECREE	INTERVENORS		
						STEWART DECREE	BRYAN DECREE	
EUREKA No. 2								
	47		89	11-9-1883	21.70			1085
	62		96	10-1-1887	29.50			1475
	71		96	10-1-1887	1.00			50
	85		24	6-1-1865	.80			40
			24	6-1-1865	.50			25
		111*	96	10-1-1887	1.20*			60*
	131*		89	11-9-1883	.70*			35*
	159		24	6-1-1865	.10			5
	175		88	6-1-1883	1.70			85
	224*		89	11-9-1883	.20*			10*
			96	10-1-1887	.70*			35*
	225*		89	11-9-1883	.60*			30*
	287*		89	11-9-1883	1.40*			70*
	289*		89	11-9-1883	.50*			25*
								50.00
FARMERS UNION								
			126	7-2-1894	110.00			5500
		136	2	6-1-1864	20.00			1000
		370	33	6-1-1866	1.124			56.2
		373	33	6-1-1866	.374			18.7
		374	65	6-1-1877	.40			20
		375	65	6-1-1877	.20			10
		384	65	6-1-1877	.40			20
		385	65	6-1-1877	.266			13.3
		386	65	6-1-1877	.40			20
		387	65	6-1-1877	.40			20
		391	31	6-1-1864				
			54)	6-1-1871	.15			7.5
		393	31	6-1-1864				
			54)	6-1-1871	.288			14.4
			120)	6-1-1891				
		395	65	6-1-1877	.50			25
		430*	65	6-1-1877	.25*			12.5*
	84		65	6-1-1877	.80			40
		512	1	6-1-1864	1.00			50
		513	1	6-1-1864	.50			25
		530	1	6-1-1864	.30			15
				7-2-1894			54.46	2723
		1048	33	6-1-1866	.0875			4.375
		1059	33	6-1-1866	.10			5
		1855	32	6-1-1866	1.80			90
								193.2995
GRAHAM & GILBERT								
			12	6-1-1865	2.03			101.5
								2.03

STEWART AND BRYAN DECREES GROUPED UNDER CANAL HEADINGS

CHART NO. 3

NAME OF CANAL	CHANGE IN P. OF D.	TRANSFER	PRIORITY		AMOUNT DECREED				TOTAL SEC. FT.
			NO.	DATE	STEWART DECREE	STEWART DECREE	BRYAN DECREE	INCHES	
HAAS DITCH	176		39	6-1-1868	8.54			427	
			70	6-1-1878	8.80			440	17.34
HART & DAVIS	38*) 39*)		6	6-1-1864	3.30			165	
			57	6-1-1872	4.40			220	
			58	6-1-1872	3.30			165	
			57	6-1-1872	.54*			27*	
			58	6-1-1872	.50*			25*	9.96
ISLAND HIGH LINE			71-A	4-1-1879		3.00		150	
			137-A	4-1-1910		7.00		350	
			139	4-1-1915		10.00		500	20.00
LEMP DITCH			8-C	1865		6.00		300	6.00
LITTLE PIONEER	1575		49	6-1-1870	25.72			1286	
			31-C	6-1-1866		1.10		55	26.82
LOWER CENTER POINT			19	6-1-1865	2.88			144	
			20	6-1-1865	5.40			320	
			21	6-1-1865	2.90			145	
			22	6-1-1865	3.20			160	
			38	6-1-1868	3.20			160	
			43	6-1-1869	3.60			180	
			73	6-1-1879	4.00			200	
			50*	19	6-1-1865	2.88*		144*	
			51*	20	6-1-1865	6.40*		320*	
			131	89	11-9-1883	.70		35	
			245	89	11-9-1883	.60		30	
			287	89	11-9-1883	1.40		70	19.60

*SUBTRACT

STEWART AND BRYAN DECREES GROUPED UNDER CANAL HEADINGS

CHART NO. 3

NAME OF CANAL	CHANGE F. OF D.	TRANSFER	PRIORITY		AMOUNT DECREED			INCHES	TOTAL SEC. FT.
			NO.	DATE	INTERVENORS				
					STEWART DECREE	STEWART DECREE	BRYAN DECREE		
MACE CATLIN			5	6-1-1864	2.86			143	
	179*		52	6-1-1871	7.86			393	
			51	6-1-1864	.168*			8.4	
			521	6-1-1871	.072*			3.6	
			138	6-14-1912		.44		22	10.92
MACE & MACE			137	5-1-1909		1.76		88	
		2996	116	6-1-1889		.80		40	2.56
MAMMON			41	6-1-1869	1.80			90	
			68	6-1-1878	4.20			210	
			69	5-1-1878	3.36			168	
			70	6-1-1878	8.80			440	
	176*		70	6-1-1878	8.80*			440*	9.36
MIDDLETON MILL			3	6-1-1864	12.80			640	
			40	6-1-1868	1.40			70	
			54	6-1-1871	33.70			1685	
			120	6-1-1891	17.00			850	
	54		35	6-1-1867	1.11			55.5	
	75*		35	6-1-1867	.50*			25*	
	147*		35	6-1-1867	.20*			10*	
		300*	31	6-1-1864					
			541	6-1-1871	.35*			17.5*	
			1201	6-1-1891					
		301*	31	6-1-1864					
			541	6-1-1871	1.54*			77*	
			1201	6-1-1891					
		347*	3	6-1-1864	.14*			7*	
		349*	3	6-1-1864	.14*			7*	
		350*	3	6-1-1864	.14*			7*	
		351*	31	6-1-1864					
			541	6-1-1871	.15*			7.5*	
		393*	31	6-1-1864					
			541	6-1-1871	.288*			14.4*	
			1201	6-1-1891					
		754	30	5-1-1866	.40			20	
			123-A	5-15-1893		1.60		80	64.562

*SUBTRACT

STEWART AND BRYAN DECREES GROUPED UNDER CANAL HEADINGS

CHART NO. 3

NAME OF CANAL	CHANGE IN P. OF D.	TRANSFER	PRIORITY		AMOUNT DECREED			INCHES	TOTAL SEC. FT.
			NO.	DATE	STEWART DECREE	INTERVENORS STEWART DECREE	BRYAN DECREE		
MIDDLETON IRRIGATION									
	36		65	6-1-1877	114.08			5704	
	57*		35	6-1-1867	.38			19	
	61		65	5-1-1877	.50*			30*	
	34*		31-B	6-1-1866		.60		30	
	126		65	6-1-1877	.80*			40*	
			31-A	6-1-1866		2.30		115	
		337*	65	6-1-1877	.20*			10	
		374*	65	6-1-1877	.40*			20*	
		375*	65	6-1-1877	.20*			10*	
		384*	65	6-1-1877	.40*			20*	
		385*	65	6-1-1877	.266*			13.3*	
		386*	65	6-1-1877	.40*			20*	
		337*	65	6-1-1877	.40*			20*	
		392*	65	6-1-1877	.40*			20*	
		395*	65	5-1-1877	.50*			25*	112.75*
MISCELLANEOUS									
R. B. BETTY		1009	73-A	4-1-1880		.10		5	.10
CRAWFORTH PUMP	227		114-A	5-1-1889		1.60		80	1.60
BOISE RIVER			80	6-1-1882	1.60			80	1.60
DRAINAGE DISTRICT #4 (MARSTERS DITCH)	83*		85-A	6-1-1882		1.76		88	
			85-A	6-1-1882		.72*		35*	1.04
MANVILLE-LEONARD			32	6-1-1866	3.50			175	
		1855*	32	6-1-1866	1.80*			90*	1.70
MCCURRY PUMP (LICENSED RIGHT #33487)				2-22-1967	(.56)			28	.56
MEEVES			53	6-1-1871	1.80			90	1.80
SURPRISE VALLEY FARMS		1011	30	5-1-1866	3.00			150	3.00
JON WROTEN		3326	12	6-1-1865	2.37			117.5	2.37

* SUBTRACT

STEWART AND BRYAN DECREES GROUPED UNDER CANAL HEADINGS

CHART NO. 9

NAME OF CANAL	CHANGE IN P. OF D.	TRANSFER	AMOUNT DECREED					
			PRIORITY NO.	DATE	INTERVENORS			TOTAL SEC. FT.
					STEWART DECREE	STEWART DECREE	BRYAN DECREE	
NEW DRY CREEK			72	6-1-1879	31.32			1566
			93	6-1-1886	15.22			761
			97	6-1-1888	7.86			393
			129-A	4-1-1897		.54		27
			73-A	4-1-1880		.54		27
			74-A	6-1-1880		1.816		90.8
			85-C	5-1-1883		.2232		11.16
			85-E	5-1-1883		.385		19.25
			124-A	5-1-1893		.825		41.25
		300	3)	6-1-1864				
		300	54)	6-1-1871	.35			17.5
		300	120)	6-1-1891				
		301	3)	6-1-1864				
		301	54)	6-1-1871	1.54			77
		301	120)	6-1-1891				
	64		102	6-1-1888	.20			10
	140		85-D	5-1-1883		.07		3.5
	151*		124-A	5-1-1893		.135*		6.75*
	161		103	6-1-1888	.65			32.5
	174		103	6-1-1888	.24			12
		713	30	5-1-1866	.54			27
	1009*		73-A	4-1-1880		.10*		5* 62.0842
NEW UNION			14	6-1-1865	13.76			688 13.76

STEWART AND BRYAN DECREES GROUPED UNDER CANAL HEADINGS

CHART NO. 3

NAME OF CANAL	CHANGE IN P. OF D.	TRANSFER	AMOUNT DECREED						
			PRIORITY		STEWART DECREE	INTERVENORS		TOTAL SEC. FT.	
			NO.	DATE		STEWART DECREE	BRYAN DECREE		INCHES
NEW DRY CREEK			72	6-1-1879	31.32			1566	
			93	6-1-1886	15.22			761	
			97	6-1-1888	7.86			393	
			129-A	4-1-1897		.54		27	
			73-A	4-1-1880		.54		27	
			74-A	6-1-1880		1.816		90.8	
			85-C	5-1-1883		.2232		11.16	
			85-E	5-1-1883		.385		19.25	
			124-A	5-1-1893		.825		41.25	
		300	3)	6-1-1864					
		300	54)	6-1-1871	.35			17.5	
		300	120)	6-1-1891					
		301	3)	6-1-1864					
		301	54)	6-1-1871	1.54			77	
		301	120)	6-1-1891					
	64		102	6-1-1888	.20			10	
	140		85-D	5-1-1883		.07		3.5	
	151*		124-A	5-1-1893		.135*		6.75*	
	161		103	6-1-1888	.65			32.5	
	174		103	6-1-1888	.24			12	
		713	30	5-1-1866	.54			27	
	1009*		73-A	4-1-1880		.10*		5*	62.0842

STEWART AND BRYAN DECREES GROUPED UNDER CANAL HEADINGS

CHAPT NO. 3

NAME OF CANAL	CHANGE IN P. OF D.	TRANSFER	PRIORITY NO.	DATE	AMOUNT DECREED			TOTAL SEC. FT.
					STEWART DECREE	STEWART DECREE	BRYAN DECREE	
NEW YORK			131	3-23-1900	213.10			10955
				3-23-1900			58.86	2943
				12-14-1903			1354.58	57729
				6-16-1909			926.50	46325
		(790-111)	8	9-1-1864	20.00			1000
			45	6-1-1869	.34			17
		(790-111)	96	10-1-1887	1.20			60
		466	106	8-20-1888	8.90			445
		701	30	5-1-1866	2.00			100
		823	30	5-1-1866	6.00			300
		976	30	5-1-1866	1.50			75
		1007	30	5-1-1866	1.00			50
		1010	30	5-1-1866	2.00			100
		1017	30	5-1-1866	.60			30
		1074	30	5-1-1866	2.00			100
								2604.58
PARMA DITCH			71	6-1-1878	4.40			220
			74	6-1-1880	1.76			88
			125	6-1-1894	1.76			88
			77-A	6-1-1881		1.60		80
			77-E	6-1-1881		.34		17
			77-C	6-1-1881		.80		40
			77-D	6-1-1881		1.30		65
	257		114-B	5-1-1889		.80		40
								12.76
PENITENTIARY	46		50	6-1-1870	2.24			112
								2.24
PHYLISS			90	6-1-1884	53.10			2655
			117	9-1-1890	200.00			10000
			135	4-1-1904	56.34			2817
				4-1-1905			306.56	15328
				4-1-1908			54.50	2725
		1038	30	5-1-1866	21.715			1086
								692.215

*SUBTRACT

STEWART AND BRYAN DECREES GROUPED UNDER CANAL HEADINGS

CHART NO. 3

NAME OF CANAL	CHANGE IN P. OF D.	TRANSFER	PRIORITY		AMOUNT DECREED			INCHES	TOTAL SEC. FT.
			NO.	DATE	STEWART DECREE	STEWART DECREE	BRYAN DECREE		
PIONEER DIXIE			8	9-1-1864	20.00			1000	
			45	6-1-1869	35.44			1772	
	36-A		96	10-1-1887	2.00			100	
	48		96	10-1-1887	4.20			210	
	62*		96	10-1-1887	1.00*			50*	
	(790-111*)		8	9-1-1864	20.00*			1000*	
			45	6-1-1869	.34*			17*	
		608	88	6-1-1883	1.00			50	
		644	88	6-1-1883	.70			35	
		660	88	6-1-1883	.60			30	
	35*		45	6-1-1869	2.00*			100*	
	148*		96	10-1-1887	3.00*			150*	
				7-3-1914			20.90	1045	58.50
	RIDENBAUGH (NAPPA & MERIDIAN)			67	5-1-1878	170.00			8500
			106	8-20-1888	370.84			18542	
		392	65	6-1-1877	.40			20	
152		47-A	4-1-1870			.80	40		
153		127	5-1-1895	1.00			50		
154		8-A	4-1-1865			.80	40		
		466*	106	8-20-1888	8.90*			445*	
		595	1	6-1-1864	.20			10	
		1711*	67	5-1-1878	.40*			20*	534.74
RIVERSIDE				88	6-1-1883	12.00			600
			91	6-1-1884	20.00			1000	
			95	1-23-1887	4.00			200	
			124	5-1-1893	80.00			4000	
			130	10-1-1899	20.00			1000	
			133	6-1-1901	70.00			3500	
		77-E	4-15-1882			3.674	183.7		
		116-A	6-1-1890			.72	36		
		116-E	6-1-1890			.10	5		
		116-C	6-1-1890			.40	20		
			4-1-1910				63.78	3189	
			4-1-1914				17.70	885	
		608*	88*	6-1-1883	1.00*			50*	
		644*	88	6-1-1883	.70*			35*	
		660*	88	6-1-1883	.60*			30*	
	35		45	6-1-1869	2.00			100	
	175*		88	6-1-1883	1.70*			85*	290.374
ROEDEL DITCH		54-A	5-1-1875		3.20		160	3.20	

*SUBTRACT

STEWART AND BRYAN DECREES GROUPED UNDER CANAL HEADINGS

CHART NO. 3

NAME OF CANAL	CHANGE IN P. OF D.	TRANSFER	PRIORITY		AMOUNT DECREED				TOTAL SEC. FT.
			NO.	DATE	STEWART DECREE	INTERVENORS		INCHES	
						STEWART DECREE	BRYAN DECREE		
ROSSI MILL			16	6-1-1865	9.20			460	
			18	6-1-1865	.80			40	
		3918	16	6-1-1865	.02 *			1	9.98
SEBREE (FARMERS CO-OP)			60	6-1-1875	10.00			500	
			86	6-1-1883	20.00			1000	
			105	7-1-1888	50.00			2500	
			129	7-1-1896	83.50			4175	
				4-1-1905			154.45	7722	
		717	9	6-1-1865	.64			32	318.59

STEWART AND BRYAN DECREES GROUPED UNDER CANAL HEADINGS

CHART NO. 3

NAME OF CANAL	CHANGE IN P. OF D.	TRANSFER	PRIORITY		AMOUNT DECREED				TOTAL SEC. FT.
			NO.	DATE	INTERVENORS				
					STEWART DECREE	STEWART DECREE	BRYAN DECREE	INCHES	
SETTLERS			92	10-17-1884	99.06			4953	
			122	6-1-1891	73.44			3672	
		347	3	6-1-1864	.14			7	
		349	3	6-1-1864	.14			7	
		350	3	6-1-1864	.14			7	
		357	65	6-1-1877	.20			10	
		412	81	6-1-1882	.40			20	
	76		85-B	4-1-1883		1.00		50	
	83		85-A	6-1-1882		.72		36	
		430	65	6-1-1877	.25			12.5	
		595	1	6-1-1864	.20			10	
		654	30	5-1-1866	.50			25	
					1.00			50	
					.50			25	
		694	30	5-1-1866	.16			8	
					.12			6	
					.14			7	
					.26			13	
		702	30	5-1-1866	.60			30	
		712	30	5-1-1866	.20			10	
					.20			10	
					.50			25	
		720	30	5-1-1866	1.34			67	
		736	37	6-1-1868	1.00			50	
		737	30	5-1-1866	1.10			55	
		739	30	5-1-1866	.15			7.5	
		753	30	5-1-1866	.46			23	
		829	30	5-1-1866	.48			24	
		871	36	6-1-1868	.285			14.4	
		872	36	6-1-1868	.22			11	
		873	30	5-1-1866	.20			10	
		890	30	5-1-1866	.10			5	
		906	30	5-1-1866	.10			5	
		917	30	5-1-1866	.20			10	
		918	30	5-1-1866	.025			1.25	
		940	30	5-1-1866	.05			2.5	
		977	30	5-1-1866	.20			10	
		979	30	5-1-1866	.10			5	
		980	30	5-1-1866	.12			6	
		989	30	5-1-1866	.20			10	
		990	30	5-1-1866	.03			4	
		991	30	5-1-1866	.16			8	
		1771	67	5-1-1878	.40			20	
SEVEN SUCKERS	38)		57	6-1-1872	.54			27	
	39)		58	6-1-1872	.50			25	
	179		51	6-1-1864	.168			8.4	
			52)	6-1-1871	.072			3.6	1.28

*SUBTRACT

STEWART AND BRYAN DECREES GROUPED UNDER CANAL HEADINGS

CHART NO. 3

NAME OF CANAL	CHANGE IN P. OF D.	TRANSFER	PRIORITY		AMOUNT DECREED			TOTAL	
			NO.	DATE	STEWART DECREE	INTERVENORS		INCHES	SEC. FT.
						STEWART DECREE	BRYAN DECREE		
SIEBENBERG			9	6-1-1865	13.42			671	
		105*	9	6-1-1865	.50*			25*	
		717*	9	6-1-1865	.64*			32*	12.28
THURMAN MILL			7	6-1-1864	3.30			165	
			10	6-1-1865	1.20			60	
			11	6-1-1865	.66			33	
			36	6-1-1868	14.10			705	
			37	6-1-1868	3.70			185	
			42	6-1-1869	1.60			80	
			55	6-1-1872	.70			35	
			56	6-1-1872	1.40			70	
			62	6-1-1876	.44			22	
			75	6-1-1880	2.40			120	
			76	10-20-1880	.90			45	
			78	6-1-1882	.90			45	
			79	6-1-1882	.60			30	
			81	6-1-1882	2.60			130	
			84	6-1-1882	1.50			75	
			87	6-1-1883	.90			45	
			128	7-1-1895	.66			33	
		412*	81	6-1-1882	.40*			20*	
		736*	37	6-1-1868	1.00*			50*	
		871*	36	6-1-1868	.288*			14.4*	
		872*	36	6-1-1868	.22*			11*	
	3373*	3373*	36	6-1-1868	.814*			40.7*	34.838
UPPER CENTER POINT			23	6-1-1865	3.20			160	
			24	6-1-1865	2.40			120	
			25	6-1-1865	3.94			197	
			26	6-1-1865	1.60			80	
			27	6-1-1865	1.58			79	
	71*		24	6-1-1865	.80*			40*	
	85*		24	6-1-1865	.50*			25*	
	148		96	10-1-1887	3.00			150	
	159*		24	6-1-1865	.10*			5*	
	289		89	11-9-1883	.50			25	14.82

*SUBTRACT

STEWART AND BRYAN DECREES GROUPED UNDER CANAL HEADINGS

CHART NO. 3

NAME OF CANAL	CHANGE IN P. OF D.	TRANSFER	PRIORITY NO.	DATE	AMOUNT DECREED				TOTAL SEC. FT.
					STEWART DECREE	INTERVENORS		INCHES	
						STEWART DECREE	BRYAN DECREE		
WARM SPRINGS DITCH			61	6-1-1876	2.30				
			82	6-1-1882	.44				
			83	6-1-1882	.44				
			84	6-1-1882	1.36				
			85	6-1-1882	2.20				
			81	6-1-1882	.80				
			115	6-1-1889	.06				
			116	6-1-1889	1.20				
		2996	116*	6-1-1889	.80*				8.00

TABLE SHOWING PRESENT DIVERSION OF STEWART DECREE
RIGHTS AND FLOW NECESSARY IN SECOND FEET TO FILL
TO 60% - 75% AND 100%

CHART NO. 4

<u>NO.</u>	<u>CANAL</u>	<u>RIVER SECTION</u>	<u>100% OF DECREE</u>	<u>75% OF DECREE</u>	<u>50% OF DECREE</u>	<u>FLOW TO FILL 60%</u>	<u>FLOW TO FILL 75%</u>	<u>FLOW TO FILL 100%</u>
1	FARMERS UNION	1	1.80	1.35	1.08	1.08	1334.0	1650.1
1	RIDENBAUGH	1	.20	.15	.12	1.20	1334.0	1650.2
1	SETTLERS	1	.20	.15	.12	1.32	1334.1	1650.2
2	*FARMERS UNION	1	20.00	20.00	20.00	21.32	1334.1	1650.2
3	MIDDLETON MILL	1	11.04	8.28	6.62	27.94	1335.7	1653.0
3	FARMERS UNION	1	.10	.08	.06	28.00	1335.7	1653.0
3	SETTLERS	1	.42	.32	.25	28.25	1335.8	1653.1
3	NEW DRY CREEK	1	1.25	.94	.75	29.00	1336.0	1653.4
4	ANDREWS	3	3.30	2.48	1.98	29.00	1336.0	1653.4
5	MACE-CATLIN	1	2.69	2.02	1.61	30.61	1336.4	1654.1
5	SEVEN SUCKERS	1	.17	.13	.10	30.71	1336.4	1654.1
6	HART-DAVIS	1	3.30	2.48	1.98	32.69	1336.9	1655.0
7	THURMAN MILL	1	3.30	2.48	1.98	34.67	1337.4	1655.8
8	NEW YORK	1	20.00	15.00	12.20	46.67	1340.4	1660.8
8A	RIDENBAUGH	1	.80	.60	.48	47.45	1340.5	1661.0
8B	BUBB	1	1.80	1.35	1.08	48.23	1340.8	1661.4
8C	LEMP	1	6.00	4.50	3.60	51.83	1341.7	1662.9
8D	BUBB	1	.50	.38	.30	52.13	1341.8	1663.1
9	SIEGENBERG	2	13.42	10.07	8.05	52.13	1341.8	1663.1
9	SEBREE	2	.64	.48	.38	52.13	1341.8	1663.1
9	CAMPBELL	2	.50	.38	.30	52.13	1341.8	1663.1
10	THURMAN MILL	1	1.20	.90	.72	52.85	1342.0	1663.4
11	THURMAN MILL	1	.66	.50	.40	53.25	1342.1	1663.5
12	GRAHAM-GILBERT	1	4.40	3.30	2.64	55.89	1342.7	1664.6
13	EUREKA #1	1	33.32	24.99	19.99	75.98	1347.7	1673.0
14	NEW UNION	1	13.76	10.32	8.27	84.15	1349.8	1676.4
15	BOISE VALLEY	1	54.58	40.94	32.75	116.90	1358.0	1690.0
16	ROSSI MILL	1	9.20	6.90	5.52	122.42	1359.5	1692.5
17	RIDENBAUGH & ROSSI (POWER)	1	265.80	265.80	265.80	122.42	1359.5	1692.5
18	ROSSI MILL	1	.80	.60	.48	122.90	1359.5	1692.5
19	BOWMAN-SWISHER	2	2.88	2.16	1.73	122.90	1359.5	1692.5
20	BOWMAN-SWISHER	2	5.60	4.20	3.36	122.90	1359.5	1692.5
20	BAXTER	3	.80	.60	.48	122.90	1359.5	1692.5
21	LOWER CENTER POINT	2	2.90	2.18	1.74	122.90	1359.5	1692.5
22	LOWER CENTER POINT	2	3.20	2.40	1.92	122.90	1359.5	1692.5
23	UPPER CENTER POINT	2	3.20	2.40	1.92	122.90	1359.5	1692.5
24	UPPER CENTER POINT	2	1.00	.75	.60	122.90	1359.5	1692.5
24	EUREKA #2	2	1.40	1.05	.84	122.90	1359.5	1692.5
25	UPPER CENTER POINT	2	3.94	2.96	2.36	122.90	1359.5	1692.5
26	UPPER CENTER POINT	2	1.60	1.20	.96	122.90	1359.5	1692.5
27	UPPER CENTER POINT	2	1.58	1.19	.95	122.90	1359.5	1692.5
28	BOONE	3	7.00	5.25	4.20	122.90	1359.5	1692.5
29	ANDREWS	3	6.00	4.50	3.60	122.90	1359.5	1692.5
30	*MIDDLETON MILL	1	.40	.40	.40	123.30	1359.5	1692.5
30	*MISCELLANEOUS	1	3.00	3.00	3.00	126.20	1359.5	1692.5
30	*NEW DRY CREEK	1	.54	.54	.54	126.84	1359.5	1692.5

* THESE RIGHTS HAVE BEEN ADJUDICATED BY THE SUPREME COURT AND ARE NOT CUT BELOW 100%

TABLE SHOWING PRESENT DIVERSION OF STEWART DECREE
RIGHTS AND FLOW NECESSARY IN SECOND FEET TO FILL
TO 60% - 75% AND 100%

CHART NO. 4

NC.	CANAL	RIVER SECTION	100% OF DECREE	75% OF DECREE	60% OF DECREE	FLOW TO FILL 60%	FLOW TO FILL 75%	FLOW TO FILL 100%
30	*NEW YORK	1	15.10	15.10	15.10	141.94	1355.5	1692.5
30	*PHYLISS	1	21.72	21.72	21.72	163.66	1359.5	1692.5
30	*SETTLERS	1	9.25	9.25	9.25	172.91	1359.5	1692.5
31	CANYON COUNTY	1	2.60	1.95	1.56	174.47	1359.5	1692.5
31A	MIDDLETON IRRIGATION	1	2.30	1.73	1.38	175.85	1360.2	1693.8
31B	MIDDLETON IRRIGATION	1	.60	.45	.36	176.21	1360.3	1693.9
31C	LITTLE PIONEER	1	1.10	.83	.66	176.87	1360.5	1694.2
32	MISCELLANEOUS	1	1.70	1.28	1.02	177.83	1360.8	1694.6
32	FARMERS UNION	1	1.80	1.35	1.08	178.97	1361.0	1695.1
33	BOISE CITY CANAL	1	36.38	27.23	21.83	200.80	1366.4	1704.2
33	FARMERS UNION	1	1.68	1.26	1.01	201.81	1366.7	1704.6
34	CALDWELL HIGHLINE	1	15.40	11.55	9.24	211.05	1369.0	1708.4
35	CANYON COUNTY	1	75.01	56.26	45.01	256.06	1380.3	1727.2
35	MIDDLETON MILL	1	.41	.31	.25	256.31	1380.3	1727.3
35	MIDDLETON IRRIGATION	1	.38	.29	.23	256.54	1380.4	1727.4
35A	CANYON COUNTY	1	1.76	1.32	1.06	257.60	1380.6	1727.8
36	THURMAN MILL	1	13.59	10.19	8.15	265.75	1382.7	1731.2
36	SETTLERS	1	.51	.38	.31	266.06	1382.7	1731.3
37	THURMAN MILL	1	2.70	2.03	1.62	267.68	1382.2	1732.0
37	SETTLERS	1	1.00	.75	.60	268.28	1383.3	1732.3
38	LOWER CENTER POINT	2	3.20	2.40	1.92	268.28	1383.3	1732.3
39	HAAS	3	8.54	6.41	5.12	268.28	1383.3	1732.3
40	MIDDLETON MILL	1	1.40	1.05	.84	269.12	1383.5	1732.6
41	MAHMON	3	1.80	1.35	1.08	269.12	1383.5	1732.6
42	THURMAN MILL	1	1.60	1.20	.96	270.08	1383.8	1733.0
43	LOWER CENTER POINT	2	3.60	2.70	2.16	270.08	1383.8	1733.0
44	ANDREWS	3	8.50	6.38	5.10	270.08	1383.8	1733.0
45	PIONEER DIXIE	2	33.10	24.83	19.86	270.08	1383.8	1733.0
45	NEW YORK	1	.34	.26	.20	270.28	1383.9	1733.1
45	RIVERSIDE	2	2.00	1.50	1.20	270.28	1383.8	1733.1
46	CALDWELL HIGH LINE	1	36.20	27.15	21.72	292.00	1389.2	1742.2
46	CANYON COUNTY	1	1.00	.75	.60	292.60	1389.4	1742.4
47	BOONE	3	3.50	2.63	2.10	292.60	1389.4	1742.4
47A	RIDENBAUGH	1	.80	.60	.48	293.08	1389.5	1742.6
48	CONWAY HAMMING	1	2.60	1.95	1.56	294.64	1389.9	1743.3
49	LITTLE PIONEER	1	25.72	19.29	15.43	310.07	1393.8	1749.7
50	PENITENTIARY	1	2.24	1.68	1.34	311.41	1394.1	1750.2
50A	BUBB	1	1.00	.75	.60	312.01	1394.2	1750.5
51	ANDREWS	3	1.30	.98	.78	312.01	1394.2	1750.5
52	MACE-CATLIN	1	7.79	5.84	4.67	316.58	1395.4	1752.4
52	SEVEN SUCKERS	1	.07	.05	.04	316.72	1395.4	1752.5
53	MEEVES	1	1.80	1.35	1.08	317.80	1395.7	1752.9
54	MIDDLETON MILL	1	32.43	24.32	19.46	337.26	1400.5	1761.0
54	FARMERS UNION	1	.26	.20	.16	337.42	1400.6	1761.1
54	NEW DRY CREEK	1	1.01	.76	.61	338.03	1400.7	1761.3
55	THURMAN MILL	1	.70	.53	.42	338.45	1400.8	1761.5

*THESE RIGHTS HAVE BEEN ADJUDICATED BY THE SUPREME COURT AND ARE NOT CUT BELOW 100%

TABLE SHOWING PRESENT DIVERSION OF STEWART DECREEED
RIGHTS AND FLOW NECESSARY IN SECOND FEET TO FILL
TO 60% - 75% AND 100%

NO.	CANAL	RIVER SECTION	100% OF DECREE	75% OF DECREE	60% OF DECREE	FLOW TO FILL 60%	FLOW TO FILL 75%	FLOW TO FILL 100%
56	THURMAN MILL	1	1.40	1.05	.84	339.23	1401.1	1761.9
57	HART DAVIS	1	3.86	2.90	2.32	341.61	1401.6	1762.8
57	SEVEN SUCKERS	1	.54	.41	.32	341.93	1401.7	1763.0
58	HART DAVIS	1	2.80	2.10	1.68	343.61	1402.1	1763.7
58	SEVEN SUCKERS	1	.50	.33	.30	343.91	1402.2	1763.8
59	BOONE	3	2.20	1.65	1.32	343.91	1402.2	1763.8
59A	ROEDEL	2	3.20	2.40	1.92	343.91	1402.2	1763.8
60	SEBREE	2	10.00	7.50	6.00	343.91	1402.2	1763.8
61	WARM SPRINGS	1	2.30	1.73	1.38	345.29	1402.6	1764.4
62	THURMAN MILL	1	.44	.33	.26	345.55	1402.6	1764.5
63	AIKEN	1	5.20	3.90	3.12	348.67	1403.4	1765.8
64	CONWAY-HAMMING	1	.90	.68	.54	349.21	1403.5	1766.0
65	MIDDLETON IRRIGATION	1	109.51	82.13	65.71	414.92	1420.0	1793.4
65	BALLENTYNE	1	.60	.45	.36	415.26	1420.1	1793.5
65	FARMEPS UNION	1	3.12	2.34	1.87	417.15	1420.5	1794.3
65	RIDENBAUGH	1	.40	.30	.24	417.39	1420.6	1794.4
65	SETTLERS	1	.45	.34	.27	417.66	1420.6	1794.5
66	FARRAULT & JOHNSON (POWER)	1	200.00	200.00	200.00	417.66	1420.6	1794.5
66A	BALLENTYNE	1	.80	.60	.48	418.14	1420.8	1794.7
66C	BALLENTYNE	1	1.40	1.05	.84	418.98	1421.0	1795.1
66D	BALLENTYNE	1	.80	.60	.48	419.46	1421.1	1795.3
67	RIDENBAUGH	1	169.60	127.20	101.76	521.22	1446.5	1837.7
67	SETTLERS	1	.40	.30	.24	521.46	1446.6	1837.8
68	MAMMON	3	4.20	3.15	2.52	521.46	1446.6	1837.8
69	MAMMON	3	3.36	2.52	2.02	521.46	1446.6	1837.8
70	HAAS	3	8.80	6.60	5.28	521.46	1446.6	1837.8
71	PARMA	3	4.40	3.30	2.64	521.46	1446.6	1837.8
71A	ISLAND HIGH LINE	3	3.00	2.25	1.80	521.46	1446.6	1837.8
72	NEW DRY CREEK	1	31.32	23.49	18.79	540.25	1451.3	1845.6
73	LOWER CENTER POINT	2	4.00	3.00	2.40	540.25	1451.3	1845.6
73A	NEW DRY CREEK	1	.44	.33	.26	540.51	1451.4	1845.7
73A	AIKEN	1	.10	.08	.06	540.57	1451.4	1845.7
73B	BAXTER	3	3.20	2.40	1.92	540.57	1451.4	1845.7
74	PARMA	3	1.76	1.32	1.06	540.57	1451.4	1845.7
74A	NEW DRY CREEK	1	1.82	1.37	1.09	541.66	1451.6	1846.2
75	THURMAN MILL	1	2.40	1.80	1.44	543.10	1452.0	1846.8
76	THURMAN MILL	1	.90	.68	.54	543.64	1452.1	1847.0
77	CALDWELL HIGH LINE	1	27.60	20.70	16.56	560.20	1456.3	1853.9
77A	PARMA	3	1.60	1.20	.96	560.20	1456.3	1853.9
77E	PARMA	3	.34	.26	.20	560.20	1456.3	1853.9
77C	PARMA	3	.80	.60	.48	560.20	1456.3	1853.9
77D	PARMA	3	1.30	.98	.78	560.20	1456.3	1853.9
77E	RIVERSIDE	2	3.67	2.75	2.20	560.20	1456.3	1853.9
78	THURMAN MILL	1	.30	.68	.54	560.74	1456.4	1854.1
79	THURMAN MILL	1	.60	.45	.36	561.10	1456.5	1854.3
80	MISCELLANEOUS	1	1.60	1.20	.96	562.06	1456.7	1854.7

TABLE SHOWING PRESENT DIVERSION OF STEWART DECREE
RIGHTS AND FLOW NECESSARY IN SECOND FEET TO FILL
TO 60% - 75% AND 100%

CHART NO. 4

<u>NO.</u>	<u>CHANEL</u>	<u>RIVER SECTION</u>	<u>100% OF DECREE</u>	<u>75% OF DECREE</u>	<u>60% OF DECREE</u>	<u>FLOW TO FILL 60%</u>	<u>FLOW TO FILL 75%</u>	<u>FLOW TO FILL 100%</u>
81	THURMAN MILL	1	2.20	1.65	1.32	563.33	1457.1	1855.2
81	SETTLERS	1	.40	.30	.24	563.62	1457.1	1855.3
81	WARM SPRINGS	1	.80	.60	.48	564.10	1457.3	1855.5
82	WARM SPRINGS	1	.44	.33	.26	564.36	1457.3	1855.6
83	WARM SPRINGS	1	.44	.33	.26	564.62	1457.4	1855.7
84	THURMAN MILL	1	1.50	1.13	.90	565.32	1457.6	1856.1
84	WARM SPRINGS	1	1.36	1.02	.82	566.34	1457.8	1856.5
85	WARM SPRINGS	1	2.20	1.65	1.32	567.66	1458.1	1857.0
85A	MISCELLANEOUS	1	1.04	.78	.62	568.28	1458.3	1857.3
85A	SETTLERS	1	.72	.54	.43	568.71	1458.4	1857.4
85B	SETTLERS	1	1.00	.75	.60	569.31	1458.6	1857.7
85C	NEW DRY CREEK	1	.22	.17	.13	569.44	1458.6	1857.8
85D	BALLENTYNE	1	.76	.57	.46	569.90	1458.7	1857.9
85D	NEW DRY CREEK	1	.07	.05	.04	569.94	1458.7	1858.0
85E	NEW DRY CREEK	1	.39	.29	.23	570.17	1458.7	1858.1
86	SEBREE	2	20.00	15.00	12.00	570.17	1458.8	1858.1
87	THURMAN MILL	1	.90	.68	.54	570.71	1458.9	1858.3
88	RIVERSIDE	2	8.00	6.00	4.80	570.71	1458.9	1858.3
88	EUREKA #2	2	1.70	1.28	1.02	570.71	1458.9	1858.3
88	PIONEER DIXIE	2	2.30	1.73	1.38	570.71	1458.9	1858.3
89	EUREKA #2	2	18.30	13.73	10.98	570.71	1458.9	1858.3
89	EDMAN-SWISHER	2	.20	.15	.12	570.71	1458.9	1858.3
89	UPPER CENTER POINT	2	.50	.38	.30	570.71	1458.9	1858.3
89	LOWER CENTER POINT	2	2.70	2.03	1.62	570.71	1458.9	1858.3
90	PHYLIS	1	53.10	39.83	31.86	602.57	1466.9	1871.6
91	RIVERSIDE	2	20.00	15.00	12.00	602.57	1466.9	1871.6
92	SETTLERS	1	99.06	74.30	59.44	662.01	1481.7	1896.3
93	NEW DRY CREEK	1	15.22	11.42	9.13	671.14	1484.0	1900.1
94	DAVIS	1	13.40	10.05	8.04	679.18	1486.0	1903.5
95	RIVERSIDE	2	4.00	3.00	2.40	679.18	1486.0	1903.5
96	EDMAN-SWISHER	2	.70	.53	.42	679.18	1486.0	1903.5
96	CAMPBELL	2	12.10	9.08	7.26	679.18	1486.0	1903.5
96	EUREKA #2	2	28.60	21.45	17.16	679.18	1486.0	1903.5
96	NEW YORK	1	1.20	.90	.72	679.90	1486.2	1903.8
96	PIONEER DIXIE	2	2.20	1.65	1.32	679.90	1486.2	1903.8
96	UPPER CENTER POINT	2	3.00	2.25	1.80	679.90	1486.2	1903.8
97	NEW DRY CREEK	1	7.85	5.90	4.72	684.62	1487.4	1905.7
98	BALLENTYNE	1	4.00	3.00	2.40	687.02	1488.0	1906.7
99	BALLENTYNE	1	1.30	.98	.78	687.80	1488.2	1907.1
100	BALLENTYNE	1	1.40	1.05	.84	688.64	1488.4	1907.4
101	BALLENTYNE	1	1.46	1.10	.88	689.52	1488.6	1907.8
102	BALLENTYNE	1	1.00	.75	.60	690.12	1488.8	1908.0
102	NEW DRY CREEK	1	.20	.15	.12	690.24	1488.8	1908.1
103	BALLENTYNE	1	.51	.38	.31	690.55	1488.9	1908.2
103	NEW DRY CREEK	1	.89	.67	.53	691.08	1489.0	1908.4
104	ANDREWS	3	.90	.68	.54	691.08	1489.0	1908.4
105	SEBREE	2	50.00	37.50	30.00	691.08	1489.0	1908.4
106	RIDENBAUGH	1	361.34	271.46	217.16	906.24	1543.3	1998.9
106	NEW YORK	1	8.90	6.68	5.34	913.58	1544.6	2001.2

TABLE SHOWING PRESENT DIVERSION OF STEWART DECREE
RIGHTS AND FLOW NECESSARY IN SECOND FEET TO FILL
TO 60% - 75% AND 100%

CHART NO. 4

NO.	CANAL	RIVER SECTION	100% OF DECREE	75% OF DECREE	60% OF DECREE	FLOW TO FILL 60%	FLOW TO FILL 75%	FLOW TO FILL 100%
106A	BUEB	1	.84	.63	.50	914.03	1544.7	2001.3
107	BUBB	1	.06	.05	.04	914.12	1544.8	2001.4
108	BUBB	1	.02	.02	.01	914.13	1544.8	2001.4
109	BUBB	1	2.40	1.80	1.44	915.57	1545.1	2002.0
110	BUBB	1	6.00	4.50	3.60	919.17	1546.0	2003.5
111	BUBB	1	2.94	2.21	1.76	920.93	1546.5	2004.2
112	BUBB	1	.05	.04	.03	920.96	1546.5	2004.2
113	BUBB	1	.10	.08	.06	921.02	1546.5	2004.2
114	BUBB	1	.03	.02	.02	921.04	1546.5	2004.2
114A	MISCELLANEOUS	3	1.60	1.20	.96	921.04	1546.5	2004.2
114B	PARMA	3	.80	.60	.48	921.04	1546.5	2004.2
115	WARM SPRINGS	1	.06	.05	.04	921.04	1546.5	2004.3
116	WARM SPRINGS	1	1.20	.90	.72	921.80	1546.7	2004.6
116A	RIVERSIDE	2	.72	.54	.43	921.80	1546.7	2004.6
116B	RIVERSIDE	2	.10	.08	.06	921.80	1546.7	2004.6
116C	RIVERSIDE	2	.40	.30	.24	921.80	1546.7	2004.6
117	PHYLISS	1	200.00	150.00	120.00	1041.80	1576.7	2054.6
118	CONWAY-HAMMING	1	2.20	1.65	1.32	1043.12	1577.0	2055.1
119	DAVIS	1	.54	.41	.32	1043.44	1577.1	2055.2
120	MIDDLETON MILL	1	16.44	12.33	9.86	1053.30	1579.6	2059.4
120	FARMERS UNION	1	.08	.06	.05	1053.35	1579.6	2059.4
120	NEW DRY CREEK	1	.48	.36	.29	1053.64	1579.6	2059.5
121	ANDREWS	3	3.50	2.63	2.10	1053.64	1579.6	2059.5
122	SETTLERS	1	73.44	55.08	44.06	1097.70	1590.7	2077.9
123	BALLENTYNE	1	.80	.60	.48	1098.18	1590.8	2078.1
123A	MIDDLETON MILL	1	1.60	1.20	.96	1099.14	1591.0	2078.5
124	RIVERSIDE	3	80.00	60.00	48.00	1099.14	1591.0	2078.5
124A	NEW DRY CREEK	1	.69	.52	.41	1099.55	1591.1	2078.6
124A	BALLENTYNE	1	.14	.11	.08	1099.63	1591.1	2078.7
125	PARMA	3	1.76	1.32	1.06	1099.63	1591.1	2078.7
126	FARMERS UNION	1	110.00	82.50	66.00	1165.63	1607.6	2106.2
127	RIDENBAUGH	1	1.00	.75	.60	1166.23	1607.8	2106.4
128	THURMAN MILL	1	.66	.50	.40	1166.63	1607.9	2106.6
129	SEBREE	2	83.50	62.63	50.10	1166.63	1607.9	2106.6
129A	NEW DRY CREEK	1	.54	.41	.32	1166.95	1608.0	2106.7
130	RIVERSIDE	2	20.00	15.00	12.00	1166.95	1608.0	2106.7
131	NEW YORK	1	219.10	164.33	131.46	1298.41	1640.8	2161.5
132	CAMPBELL	2	10.00	7.50	6.00	1298.41	1640.8	2161.5
133	RIVERSIDE	2	70.00	52.50	42.00	1298.41	1640.8	2161.5
134	CAMPBELL	2	5.54	4.16	3.32	1298.41	1640.8	2161.5
134	CAMPBELL	1	56.34	42.26	33.80	1332.21	1649.3	2175.6
135	PHYLISS	1	.39	.29	.23	1332.44	1649.3	2175.7
136	BALLENTYNE	1	1.76	1.32	1.06	1333.50	1649.6	2176.1
137	MACE-MACE	1	7.00	5.25	4.20	1333.50	1649.6	2176.1
137A	ISLAND HIGH LINE	3	.44	.33	.26	1333.76	1649.7	2176.2
138	MACE-CATLIN	1	10.00	7.50	6.00	1333.76	1649.7	2176.2
139	ISLAND HIGH LINE	3						

TABLE SHOWING DECREED RIGHTS (BRYAN DECREE) & FLOW IN SECOND FEET
AN APPROXIMATE AMOUNT
NECESSARY AT DIVERSION DAM TO FILL SAME

CHART NO. 5

PRIORITY DATE	NAME	100% OF DECREE	75% OF DECREE	60% OF DECREE	FLOW TO FILL 60%	FLOW TO FILL 75%	FLOW TO FILL 100%	DEPT. OF WATER ADMINISTRATION
7-2-1894	FARMERS UNION	54.46	40.85	32.68	2306	4071	4523	63-0297
3-23-1900	NEW YORK IRRIG. DIST. BOISE KUNA IRRIG. DIST.	58.86	44.15	35.32	2341	4079	4538	63-0372
12-14-1903	UNITED STATES OF AMERICA	1354.58	1015.94	812.75	3154	4283	4877	63-0301
4-1-1905	PIONEER IRRIG. DIST.	306.56	229.92	183.94	3338	4329	4953	63-0294
4-1-1905	FARMERS COOP. DITCH CO.	154.45	115.84	92.67	3430	4352	4992	63-0296
4-1-1905	SOUTH BOISE MUTUAL DITCH CO.	5.40	4.05	3.24	3434	4353	4993	63-0298
4-1-1908	PIONEER IRRIG. DIST.	54.50	40.88	32.70	3466	4361	5007	63-0295
4-1-1909	UNITED STATES OF AMERICA	292.50	219.38	175.50				63-0373
6-16-1909	UNITED STATES OF AMERICA	634.00	475.50	380.40	4022	4500	5239	63-0302
6-16-1909	UNITED STATES OF AMERICA	1500.00	(POWER)					63-0367
4-1-1910	**RIVERSIDE IRRIG. DIST.	63.78	47.84	38.27	4060	4509	5255	63-0299
4-1-1910	**MC MANUS TEATER	3.36	2.52	2.02	4062	4510	5255	63-0304
1-13-1911	*UNITED STATES OF AMERICA	8000.00	(ARROWROCK STORAGE)				13255	63-0303
4-1-1914	RIVERSIDE IRRIG. DIST.	17.70	13.28	10.62			13273	63-0300
7-9-1914	**PIONEER DIXIE DITCH CO.	20.90	15.68	12.54			13294	63-0374
8-18-1924	UNITED STATES OF AMERICA	300.00	225.00	180.00			13594	63-2388
6-25-1938	UNITED STATES OF AMERICA	15000.00	(ARROWROCK STORAGE)					63-3613
12-9-1940	UNITED STATES OF AMERICA	493161.00	(ANDERSON STORAGE)					63-3614
4-12-1963	UNITED STATES OF AMERICA	307000.00	(LUCKY PEAK STORAGE)					63-3618

**DELIVERED FROM RETURN FLOW AFTER JULY 15

* FOR FURTHER INFORMATION SEE TEXT OF THIS REPORT, UNDER HEADING, "DECREE".

CLASSIFICATION OF RIVER

The Boise River naturally divides itself into three separate and distinct parts. Section 1 includes the part of the river which lies between the Government Diversion Dam and the Caldwell Highline Canal about a mile below the town of Star. Section 2 includes that section which lies between the Caldwell Highline Canal and the Notus Bridge. Section 3 includes that part of the river between the Notus Bridge and the Snake River.

Section 1

This section is under complete regulation by the watermaster. All water is measured and divided according to the decrees and licenses, which are set by the courts and state law.

Section 2

All water in this section is measured, but operation is more liberal than in Section 1, due to the return flow, so regulation is somewhat relaxed with very little storage water required.

Section 3

This section of the river is operated without any regulation what so ever, but it is measured and recorded the same as Sections 1 and 2. The return flow to Section 3 was sufficient to take care of all rights in this section during most of the season, and therefore no regulations were required. In fact, during all the years on record on the distribution of the waters of the Boise River, beginning with 1914, there has been only one year -1931- during which it was necessary to regulate diversions from this section of the river, and during that year it was not necessary to run water past the Notus Bridge to supply the rights below.

DRAINAGE

As mentioned in the Classification of River section the lower portion of the Boise River diverters depend exclusively upon drainage water to satisfy their water needs. Also, the upper diverters utilize drainage water, but not to the extent the lower users do. From Diversion Dam down stream, there are three active Drainage Districts, No. 2, No. 3 and No. 4. These three Drainage Districts have various court orders dividing up the drainage water (see Chart #6 for the apportioning of this water).

D.D. #2 embraces an area of 29,000 acres situated on the north side of the Boise River, between the City of Boise and the canyon near Caldwell. The major drains that make up D.D. #2 are the Eagle, Hartley, North Middleton, South Middleton Drains and both Hartley Gulch and Willow Creek. Three other drains, that divert into canals within the district, are the Long and Star Feeders, plus the Watts Check.

D.D. #3 is frequently referred to as the "South Boise Drainage District", and is located in the South Boise area. This district, comprising an area of 4,200 acres, has four drainage canals, all emptying into the Boise River. The three major ones in this district are the Ridenbaugh, Booth and Myers Drains.

D.D. #4 is known as the "Thurman Drain", it drains an area of about 2,500 acres and is situated south of the Boise River and opposite the town of Eagle. The District has one drain, the Thurman.

These three Drainage Districts by no means represent the entire Boise River drainage systems. There are several

major drains and many small unmeasured drains that contribute to the return flow supply. See the appendix for the drain discharges that the Boise River Watermaster monitors.

DRAINAGE DISTRICT NO. 2

	PERCENT OF TOTAL		PERCENT OF TOTAL
FRONTIER DRAIN	25.75	BOISE RIVER	12.50
BOISE RIVER	19.07	BOISE RIVER	12.50
BOISE RIVER	9.37	BOISE RIVER	12.50
BOISE RIVER	4.37	BOISE RIVER	12.50
BOISE RIVER	11.00	BOISE RIVER	12.50

THE DRAINAGE DISTRICT NO. 2 DRAINAGE AREA IS 10,000 ACRES.

THE DRAINAGE DISTRICT NO. 2 DRAINAGE AREA IS 10,000 ACRES.

DRAINAGE DISTRICT NO. 3

	PERCENT OF TOTAL		PERCENT OF TOTAL
FRONTIER DRAIN	15.00	BOISE RIVER	12.50
BOISE RIVER	15.00	BOISE RIVER	12.50
BOISE RIVER	15.00	BOISE RIVER	12.50

THE DRAINAGE DISTRICT NO. 3 DRAINAGE AREA IS 10,000 ACRES.

DRAINAGE DISTRICT NO. 4

FRONTIER DRAIN	15.00
BOISE RIVER	15.00
BOISE RIVER	15.00

THE DRAINAGE DISTRICT NO. 4 DRAINAGE AREA IS 10,000 ACRES.

DISTRIBUTION OF DRAINAGE WATER TO VARIOUS CANALS

CHART NO. 6

DRAINAGE DISTRICT NO. 2

	PERCENT OF TOTAL		PERCENT OF TOTAL
FARMERS UNION	20.99	CANYON COUNTY	12.68
BOISE VALLEY	10.03	BALLENTYNE	3.04
NEW DRY CREEK	9.47	BOISE CITY	3.01
NEW UNION	1.21	CONSUMERS	.11
MIDDLETON CANAL	35.00	LITTLE PIONEER	4.46

THE CREDITS GIVEN ABOVE ARE BASED ON A DRAINAGE FLOW OF 100 SECOND FEET.

JUDGE BRINK ORDERS, AUGUST, 1928, GIVES 90 INCHES ADDITIONAL TO FARMERS UNION.

DRAINAGE DISTRICT NO. 3

	PERCENT OF TOTAL		PERCENT OF TOTAL
BOARD OF CONTROL	49.00	ROSSI MILL	10.00
RIDENBAUGH	24.00	MEEVES	2.00
BUBB (SOUTH BOISE MUTUAL)	15.00		

THE CREDITS GIVEN ARE BASED UPON A DRAINAGE DISCHARGE OF 15 SECOND FEET.

DRAINAGE DISTRICT NO. 4

THURMAN MILL	570.98 INCHES
RIDENBAUGH	51.34 "
WARM SPRINGS SLOUGH	127.68 "

THE CREDITS ABOVE ARE BASED ON A DRAINAGE DISCHARGE OF 750 INCHES, AND THE AMOUNTS ARE A DIRECT COURT ORDER.

TRANSFERS

The various water rights on the Boise River, whether they be decree or license, are subject to change. As the rights have new owners or the irrigation practices change, these rights are so modified to fit the new situations. Most changes occur with the filing of a Transfer with the Department of Water Resources; this transfer filing can modify or move the point of diversion, the place of use or change the nature of use of the water within the right. Chart #7 shows all the point of diversion changes that have occurred over the years.

FLOOD CONTROL

With three dams on the river, flood damage should be held to a minimum. There will still be some damage along the river from erosion until such time as protecting levees can be built in certain places on both banks of the river.

An agreement has been entered into between the Army Corps of Engineers, the Bureau of Reclamation and the water users, whereby Arrowrock, Anderson and Lucky Peak Reservoirs will be used jointly for both irrigation and flood control. It is anticipated with this arrangement, the three reservoirs plus irrigation diversions, will control the more frequent floods of 6,500 C.F.S. or less at Boise. However, although major floods will be regulated to a considerable degree, there is insufficient storage to control these more rare floods to river capacity and some flooding downstream will occur.

NO. OF CHANGE OF POINT OF DIVERSION	POINT OF DIVERSION		DEPT. OF WATER ADMINISTRATION	PRIORITY		DATE OF CHANGE	QUANTITY IN CFS	QUANTITY IN INCHES	BY WHOM TRANSFERRED	REMARKS
	FROM	TO		NO.	DATE					
12	SIEBENBERG	CANYON DITCH	63-0138	9	6-1-1865	4-8-1912	.50	25	HENRY MEER	
29	CALDWELL HIGH LINE	CANYON COUNTY	63-0179	46	6-1-1869	8-26-1918	1.00	50	J. C. HUGHES	
32	DAVIS	DAVIS DITCH	63-0122	119	6-1-1891	7-15-1919	.54	27	DAVIS ESTATE	
35	PIONEER DIXIE	RIVERSIDE	63-0136	8	9-1-1864	4-3-1919	.72	36	REBECCA BELL	
			63-0137	45	6-1-1869		1.28	64		
36	CANYON COUNTY	MIDDLETON WATER	63-0168	35	6-1-1867	4-12-1918	.38	19	DRAPER, BOOLE, WATT, SURGEON	FLAKE DITCH
36A	AMERICAN DITCH	PIONEER DIXIE	63-0233	96	10-1-1887	4-19-1909	2.00	100	C. H. ROSENBERGER	
38	HART & DAVIS	SEVEN SUCHERS	63-0186	57	6-1-1872	9-24-1915	1.04	52	SHAFFER, BLAIR, JENKINS, PARROTT	
			63-0187	58	6-1-1872					
39	HART & DAVIS	SEVEN SUCHERS	63-0186	57	6-1-1872	6-12-1918			GEORGE RAMBO	
			63-0187	58	6-1-1872					
47	AMERICAN DITCH	EUREKA NO. 2	63-0233	96	10-1-1887	3-18-1910	23.50	1475	AMERICAN DITCH ASSN.	
48	AMERICAN DITCH	PIONEER DIXIE	63-0233	96	10-1-1887	3-31-1910	4.10	210	NANCY & WILLIAM NICHOLS, C.W. COOPER	
50	LOWER CENTER POINT	BOWMAN & SWISHER	63-0151	19	6-1-1865	3-31-1920	2.88	144	JOHN SWISHER	
51	LOWER CENTER POINT	BOWMAN & SWISHER	63-0152	20	6-1-1865	3-31-1920	6.40	320	BIRD BOWMAN	
54	CANYON COUNTY	MIDDLETON MILL	63-0168	35	6-1-1867	4-24-1920	1.11	55.5	H. G. DUDLEY	FOOTE & WISEMAN
57	MIDDLETON WATER	BALLENTYNE	63-0198	65	6-1-1877	12-2-1920	.60	30	EDWARD MCCLINTOCK	
59	KENNEDY	CANYON COUNTY	63-0163	31	6-1-1866	3-18-1921	2.60	130	DANIEL W. KENNEDY	
61	KENNEDY & LAWRENCE	MIDDLETON WATER	63-0255	318	6-1-1866	6-22-1921	.60	30	MINNIE COUZENS	
62	PIONEER DIXIE	EUREKA NO. 2	63-0233	96	10-1-1887	11-14-1910	1.06	50	J. A. CARTNIGHT	
64	BALLENTYNE	NEW DRY CREEK	63-0238	102	6-1-1888	12-21-1921	.20	10	HARRY SEAVEY	
71	UPPER CENTER POINT	EUREKA NO. 2	63-0156	24	6-1-1865	3-14-1911	.80	40	J. D. ROLAND	
75	MIDDLETON MILL	CANYON COUNTY	63-0168	35	6-1-1867	11-25-1924	.50	25	DE TWEEDE, NORTHWESTERN & PACIFIC HYPOTHECK BANK	
76	THURMAN DRAIN	SETTLERS	63-0257	858	4-1-1883	3-12-1925	1.00	50	JACOB BINDMAN	
77	RUMB	BAHLER	63-0278	84	4-1-1865	4-26-1925	.80	40	ADOLPH BAHLER	
			63-0279	474	4-1-1870		.80	40		
83	WARM SPRINGS DITCH	SETTLERS	63-0287	854	6-1-1882	4-29-1926	.72	36	LEO MARSTERS	
84	MIDDLETON WATER	FARMERS UNION	63-0198	65	6-1-1877	3-9-1926	.80	40	J. C. RALPHS	
85	UPPER CENTER POINT	EUREKA NO. 2	63-0156	24	6-1-1865	5-7-1926	.50	25	J. C. BRUCE	
103	PARMA DITCH	PARMA DITCH	63-0203	71	6-1-1878	10-3-1928	11.96	598	CHARLES JUKIES	NEW DIVERSION POINT
			63-0204	74	6-1-1880					
			63-0272	774	6-1-1888					
			63-0274	778	6-1-1888					
			63-0275	77C	6-1-1888					
			63-0273	770	6-1-1888					
			63-0204	125	6-1-1894					
126	LAWRENCE & KENNEDY	MIDDLETON WATER	63-0254	31A	6-1-1866	3-25-1931	2.30	115	WILLIAM MUSSER	
127	BOWMAN & SWISHER	PARTER DITCH	63-0152	20	6-1-1865	8-15-1930	.80	40	WILLIAM BAXTER	
131	EUREKA NO. 2	LOWER CENTER POINT	63-0223	89	11-9-1865	1-16-1932	.70	35	R. F. MCGUIRE	
140	BALLENTYNE	NEW DRY CREEK	63-0260	850	5-1-1883	4-11-1934	.06	3	CHARLES H. SCHWELZER	
141	FISCHER POWER	FISCHER POWER	63-2093		12-46-1908	12-18-1934	200.00	10000	FISCHER POWER ONLY	BELOW FAIRVIEW BRIDGE
147	MIDDLETON MILL	CANYON COUNTY	63-0168	35	6-1-1867	1-8-1936	.20	10	CONA M. CLIFTON	
148	PIONEER DIXIE	UPPER CENTER POINT	63-0233	96	10-1-1887	4-17-1936	3.00	150	DORA GREER	
151	NEW DRY CREEK	BALLENTYNE	63-0258	124A	5-1-1893	2-18-1937	.135	6.75	J. H. CONE	
152	BAHLER DITCH	RIDENBAUGH	63-0279	476	4-1-1870	5-15-1937	.80	40	ADOLPH BAHLER	
153	HEIN-KEOH-BAHLER	RIDENBAUGH	63-0249	127	5-1-1893	5-15-1937	1.00	50	ADOLPH BAHLER	
154	BAHLER DITCH	RIDENBAUGH	63-0278	85	4-1-1865	5-15-1937	.80	40	ADOLPH BAHLER	
159	UPPER CENTER POINT	EUREKA NO. 2	63-0156	24	5-1-1865	5-27-1939	.10	5	RAYMOND T. BRESNAHAN	
161	BALLENTYNE	NEW DRY CREEK	63-0239	103	6-1-1888	5-5-1940	.65	32.5	SEDMAN I. BARBER	
165	EUREKA NO. 2	PIONEER DIXIE	63-0233	96	10-1-1887	4-21-1941	.80	30	D. W. BALDWIN	
171	EUREKA NO. 2	EUREKA NO. 2	63-0223	89	11-5-1883	2-26-1943	1.70	1085	RAYMOND T. BRESNAHAN	NEW DIVERSION POINT
			63-0233	96	10-1-1887		.30	1475		
			63-0156	24	6-1-1865		.40	65		

TABLE SHOWING CHANGE IN POINT OF DIVERSION OF DECEDENT RIGHTS ON HOISE RIVER

CHART NO. 7

NO. OF CHANGE OF POINT OF DIVERSION	POINT OF DIVERSION		DEPT. OF WATER ADMINISTRATION	PRIORITY		DATE OF CHANGE	QUANTITY IN CFS	QUANTITY IN INCHES	BY WHOM TRANSFERRED	REMARKS
	FROM	TO		NO.	DATE					
172	UPPER CENTER POINT	UPPER CENTER POINT	(63-0155)	1 23	6-1-1865	2-26-1943	12.72	6360	HARRY VAIL	NEW DIVERSION POINT
			(63-0156)	1 24	6-1-1865					
			(63-0157)	1 25	6-1-1865					
			(63-0158)	1 26	6-1-1865					
			(63-0159)	1 27	6-1-1865					
			(63-0233)	1 96	10-1-1887					
174	BALLENTYNE	NEW TINY CREEK	(63-0239)	103	6-1-1888	3-28-1944	3.00	150		
175	RIVERSIDE	EUREKA NO. 2	(63-0222)	88	6-1-1883	4-11-1944	.24	12	FRANK M. RAY	
176	MANHON DITCH	HAAS DITCH	(63-0202)	70	6-1-1878	4-18-1944	1.70	85	WILBUR RHESHEARS	
179	MACE CATLIN	SEVEN SUCKERS	(63-0132)	1 5	6-1-1864	3-31-1945	4.80	440	CHARLOTTIE D. ALLEN	
			(63-0133)	1 52	6-1-1871		.168	8.4	IDAHO FISH & GAME DEPT.	
			(63-0223)	1 84	11-9-1883		.077	3.6		
224	EUREKA NO. 2	BUNMAN & SWISHER	(63-0233)	1 96	10-1-1887	4-3-1954	.70	35	J. E. HOUSTON	
227	O'DONNELL	BOISE RIVER	(63-0276)	114A	5-1-1889	12-17-1954	.20	10		
243	BOISE RIVER	BOISE VALLEY	(63-2360)	LICENSE #15242	7-19-1921	6-30-1958	1.60	80	A. C. CRAWFORTH	PUMPED FROM RIVER
245	EUREKA NO. 2	LOWER CENTER POINT	(63-0223)	89	11-9-1883	6-30-1958	1.20	60	MARIE ECHEVARRIA & I. N. KESSINGER	(FORMERLY DIVERTED FROM A SLOUGH)
254	ROBIE CREEK	MOMES CREEK	(63-2036)	LICENSE #1968	5-1-1906	12-20-1961	.60	30	J. E. EKBERG	
257	O'DONNELL	PARMA DITCH	(63-0271)	114B	5-1-1889	10-10-1962	4.00	200	HARVEY BURNETT	
287	EUREKA NO. 2	LOWER CENTER POINT	(63-0223)	89	11-9-1883	1-18-1966	.80	40	BERT L. TREDWAY	
289	EUREKA NO. 2	UPPER CENTER POINT	(63-0223)	89	11-9-1883	3-18-1966	1.40	70	JOHN E. ENDBERG	O'DONNELL DITCH WASHED AWAY
305	MEVES NO. 1	MEVES NO. 2	(63-0185)	53	6-1-1871	6-10-1968	.50	25	EARL GILES	
1575	LAWRENCE & KENNEDY	LITTLE PIONEER	(63-0001)	31C	6-1-1866	7-23-1968	1.40	90	CHARLES LITTLE	
1647	THURMAN MILL	BOISE RIVER	(63-0213)	80	6-1-1882	12-7-1970	1.10	55	MILTON SPARKS	
1711	KIDENBURGH	SETTLERS	(63-0119) (1941)	57	5-1-1878	7-7-1975	1.60	80	CLARENCE T. LAMSON	PUMPED FROM RIVER
							.4	70	Cecil A. Thomas	NEW DIVERSION POINT

TABLE SHOWING CHANGE IN POINT OF DIVERSION OF DECREEED RIGHTS ON NO. 1 RIVER

CHART NO. 2

NO. OF CHANGE OF POINT OF DIVERSION	POINT OF DIVERSION		DEPT. OF WATER ADMINISTRATION	PRIORITY		DATE OF CHANGE	QUANTITY IN CFS	QUANTITY IN INCHES	BY WHOM TRANSFERRED	REMARKS
	FROM	TO		NO.	DATE					
172	UPPER CENTER POINT	UPPER CENTER POINT	(63-0155	1 23	6-1-1865	2-26-1943	12.72	6360	HARRY VALE	NEW DIVERSION POINT
			(63-0156	1 24	6-1-1865					
			(63-0157	1 25	6-1-1865					
			(63-0158	1 26	6-1-1865					
			(63-0159	1 27	6-1-1865					
			(63-0233	1 96	10-1-1887					
174	BALLENTYNE	NEW IRVY CREEK	63-0239	103	6-1-1888	3-28-1944	3.00	150		
175	RIVERSIDE	EUREKA NO. 2	63-0222	88	6-1-1883	4-18-1944	.24	12	FRANK M. RAY	
176	MANHON DITCH	HAAS DITCH	63-0202	70	6-1-1878	4-18-1944	1.70	85	WILBUR BRESHEARS	
179	MACE CATLIN	SEVEN SUCKERS	(63-0132	1 5	6-1-1864	3-31-1945	4.80	440	CHARLOTTIE D. ALLEN	
			(63-0133	1 52	6-1-1871		.168	8.4	IDAHO FISH & GAME DEPT.	
224	EUREKA NO. 2	BOWMAN & SWISHER	(63-0223	1 89	11-9-1883	4-3-1954	.077	3.6		
			(63-0233	1 96	10-1-1887		.70	35	J. E. HOUSTON	
227	O'DONNELL	BOISE RIVER	63-0276	114A	5-1-1889	12-17-1954	.20	10		
243	BOISE RIVER	BOISE VALLEY	63-2360	LICENSER#15242	7-19-1921	6-30-1958	1.60	80	A. C. CRAWFORTH	PUMPED FROM RIVER
245	EUREKA NO. 2	LOWER CENTER POINT	63-0223	89	11-9-1883	6-30-1958	1.20	60	MARIE ECHEVARRIA & I. N. KESSINGER	(FORMERLY DIVERTED FROM A
254	ROBIE CREEK	MORES CREEK	63-2036	LICENSER#1968	5-1-1906	12-20-1961	.60	30	J. E. ENBERG	SLOUGH)
257	O'DONNELL	PARMA DITCH	63-0271	114B	5-1-1889	10-10-1962	4.00	200	HARVEY BURNETT	
287	EUREKA NO. 2	LOWER CENTER POINT	63-0223	89	11-9-1883	1-18-1966	.80	40	BERT L. TREDWAY	O'DONNELL DITCH WASHED AWAY
289	EUREKA NO. 2	UPPER CENTER POINT	63-0223	89	11-9-1883	3-18-1966	1.40	70	JOHN E. ENBERG	
305	MEVES NO. 1	MEVES NO. 2	63-0185	53	6-1-1871	6-10-1968	.50	25	EARL GILES	
1575	LAWRENCE & KENNEDY	LITTLE PIONEER	63-0001	31C	6-1-1866	7-23-1968	1.40	90	CHARLES LITTLE	
1647	TURNMAN HILL	BOISE RIVER	63-0213	80	6-1-1882	12-7-1970	1.10	55	MILTON SPARKS	
1711	KIDENHUGH	SETTLERS	63-0199 (PARK)	67	5-1-1878	7-7-1975	1.10	80	CLARENCE T. LAMSON	PUMPED FROM RIVER
							.41	70	CICIL A. THOMAS	NEW DIVERSION POINT

NO. OF TRANSFER	POINT OF DIVERSION		DEPT. OF WATER ADMINISTRATION	PRIORITY		DATE OF TRANSFER	QUANTITY IN CFS	QUANTITY IN INCHES	BY WHOM TRANSFERRED	REMARKS
	FROM	TO		NO.	DATE					
38	AMERICAN DITCH ASSN.	CANYON DITCH	63-0233	96	10-1-1887	9-1-1909	12.10	605	WM. M. MESSLER	
46	BARBER LUMBER CO.	PENITENTIARY	63-0184	50	6-1-1870	2-4-1910	2.24	112	BARBER LUMBER CO.	
105	SIEMENBERG	CANYON DITCH	63-0138	9	6-1-1865	9-18-1912	.50	25	M. E. REEK	
111	EUREKA NO. 2	MILLCREST	(63-0233	(96	10-1-1887	11-25-1912	1.20	60	H. L. RANDALL ET AL	
	PIONEER DIXIE	"	(63-0136	(8	9-1-1864		20.34	1017		
	"	"	(63-0137	(45	6-1-1869					
136	JACOBS	FARMERS UNION	63-0123	2	6-1-1864	6-8-1914	20.00	1000	BOISE FRUIT TRACT CO.	
219	PIONEER IRRIGATION DIST.	PIONEER IRRIGATION DIST.				7-15-1918	8.64	432	PIONEER IRRIGATION DISTRICT	LICENSED RIGHT INDIAN CREEK
300	MIDDLETON HILL	NEW DRY CREEK	(63-0124	()	6-1-1864	4-20-1921	.35	17.5	EMMA M. FOWLER	
			(63-0125	(54	6-1-1871					
			(63-0126	(120	6-1-1891					
			(63-0124	()	6-1-1864	4-20-1921	1.54	77	JOHN F. GROOME	
			(63-0125	(54	6-1-1871					
			(63-0126	(120	6-1-1891					
347	MIDDLETON HILL	SETTLERS	63-0124	3	6-1-1864	2-6-1925	.14	7	C. E. WHITE	
349	MIDDLETON HILL	SETTLERS	63-0124	3	6-1-1864	2-6-1925	.14	7	FRANK MEASEL	
350	MIDDLETON HILL	SETTLERS	63-0124	3	6-1-1864	2-6-1925	.14	7	CARL A. GISH	
357	MIDDLETON WATER	SETTLERS	63-0198	65	6-1-1877	5-5-1925	.20	10	MELLIE B. WHITAKER	
370	BOISE CITY	FARMERS UNION	63-0165	33	6-1-1866	3-16-1926	1.125	56.2	HENRY W. BARTLETT	
373	BOISE CITY	FARMERS UNION	63-0165	33	6-1-1866	4-26-1926	.375	18.7	L. A. RICE	
374	MIDDLETON WATER	FARMERS UNION	63-0198	65	6-1-1877	5-6-1926	.40	20	M. D. PARKS	
375	MIDDLETON WATER	FARMERS UNION	63-0198	65	6-1-1877	5-6-1926	.40	20	A. G. WING	
384	MIDDLETON WATER	FARMERS UNION	63-0198	65	6-1-1877	7-8-1926	.40	20	MARY F. LEACH	
385	MIDDLETON WATER	FARMERS UNION	63-0198	65	6-1-1877	7-8-1926	.40	20	M. E. MCCONNELL	
386	MIDDLETON WATER	FARMERS UNION	63-0198	65	6-1-1877	7-8-1926	.40	20	H. W. BARTLETT	
387	MIDDLETON WATER	FARMERS UNION	63-0198	65	6-1-1877	7-8-1926	.40	20	E. E. SMITH	
391	MIDDLETON HILL	FARMERS UNION	(63-0124	()	6-1-1864	8-13-1926	.15	7.5	RUSH CHASE	
			(63-0125	(54	6-1-1871					
392	MIDDLETON WATER	RIDENBAUGH	63-0198	65	6-1-1877	8-21-1926	.40	20	FRED EGGERS	
393	MIDDLETON HILL	FARMERS UNION	(63-0124	()	6-1-1864	9-15-1926	.288	14.4	A. C. BOWERMAN	
			(63-0125	(54	6-1-1871					
			(63-0126	(120	6-1-1891					
395	MIDDLETON WATER	FARMERS UNION	63-0198	65	6-1-1877	11-16-1926	.50	25	G. R. MCGUIRE	
412	THURMAN HILL	SETTLERS	63-0214	81	6-1-1882	12-3-1927	.40	20	CHAS. P. MACE	
430	FARMERS UNION	SETTLERS	63-0198	65	6-1-1877	7-2-1928	.25	12.5	O. E. ALLISON	
466	RIDENBAUGH	NEW YORK	63-0200	106	8-20-1888	7-6-1929	8.90	445	W. H. TULLER	FORMERLY MIDDLETON WATER
512	JACOBS CANAL	FARMERS UNION	63-0120	1	6-1-1864	5-27-1932	1.00	50	W. SCOTT ANDERSON	
513	JACOBS CANAL	FARMERS UNION	63-0120	1	6-1-1864	5-27-1932	.50	25	FARMERS UNION DITCH	
530	JACOBS CANAL	NAMPA MERIDIAN	63-0120	1	6-1-1864	5-15-1934	.30	15	A. B. WHITNEY	
595	"	SETTLERS	63-0120	1	6-1-1864	9-9-1938	.20	10	BOISE TRUST CO.	
608	RIVERSIDE	PIONEER DIXIE	63-0222	88	6-1-1883	4-29-1940	1.00	50	W. F. TRACY	SOMERSET FARM
644	RIVERSIDE	PIONEER DIXIE	63-0222	88	6-1-1883	12-9-1942	.70	35	S. E. SMITH	
654	CONSUMERS	SETTLERS	63-0161	30	5-1-1866	10-18-1943	2.00	100	W. W. HOWELL	LARSON-HAMMING-RUDGE TRACTS
660	RIVERSIDE	PIONEER DIXIE	63-0222	88	6-1-1883	8-11-1944	.60	30	D. W. BALDWIN	
694	CONSUMERS	SETTLERS	63-0161	30	5-1-1866	8-29-1944	.60	30	W. W. HOWELL	EARL-FEWKES-STARK-KYLE
701	CONSUMERS	NEW YORK	63-0161	30	5-1-1866	12-20-1946	2.00	100	W. W. HOWELL	REF. JENSEN (BOISE-KUNA IRRIG.)
707	CONSUMERS	SETTLERS	63-0161	30	5-1-1866	6-18-1947	.90	45	W. W. HOWELL	MRS. EDITH CLINTON
712	CONSUMERS	SETTLERS	63-0161	30	5-1-1866	6-18-1947	.90	45	W. W. HOWELL	SIMPSON-DEMOND-SIMPSON
713	CONSUMERS	NEW DRY CREEK	63-0161	30	5-1-1866	11-25-1947	.64	32	M. M. TUCKER	J. S. REERE
717	SIEMENBERG	FARMERS CO-OP.	63-0138	9	6-1-1865	5-4-1948	1.14	57	N. W. HOWELL	DOTY-ERQUIAGA-ODERNOTT-CALDWELL-STEER-ROYLANCE
720	CONSUMERS	SETTLERS	63-0161	30	5-1-1866					

NO. OF TRANSFER	POINT OF DIVERSION		DEPT. OF WATER ADMINISTRATION	PRIORITY		DATE OF TRANSFER	QUANTITY IN CFS	QUANTITY IN INCHES	BY WHOM TRANSFERRED	REMARKS
	FROM	TO		NO.	DATE					
736	THURMAN HILL	SETTLERS	63-0170	37	6-1-1868	3-9-1949	1.00	30	AIRCRAFT SERVICE CO.	
737	CONSUMERS	SETTLERS	63-0161	30	5-1-1866	3-9-1949	1.10	35	W. W. HOWELL	
739	CONSUMERS	SETTLERS	63-0161	30	5-1-1866	4-2-1949	.15	7.5	W. W. HOWELL	
733	CONSUMERS	SETTLERS	63-0161	30	5-1-1866	4-14-1950	.46	23	J. R. FIELD	8" HAGER TRACT, 15" KIMB
754	CONSUMERS	MIDDLETON HILL	63-0161	30	5-1-1866	4-14-1950	.40	20	J. R. FIELD	BRINK TRACT
790	HILLCREST	NEW YORK	63-0136	1 8	9-1-1864	3-28-1952	21.54	1077	FOREST SOMER	
			63-0137	1 45	6-1-1869					
			63-0233	1 96	10-1-1887					
823	CONSUMERS	NEW YORK	63-0161	30	5-1-1866	7-13-1954	6.00	300	G. S. TAYLOR	BOISE-RUMA IRRIGATION DI
829	CONSUMERS	SETTLERS	63-0161	30	5-1-1866	9-3-1954	.48	24	G. S. TAYLOR	10"-GOLDEN KENT, 14"-EDM
871	THURMAN HILL	SETTLERS	63-0169	36	6-1-1868	10-2-1956	.288	14.4	J. FRANK BNYCE	
872	THURMAN HILL	SETTLERS	63-0169	36	6-1-1868	10-2-1956	.22	11	GEORGE D. KEYSER, JR.	
873	CONSUMERS	SETTLERS	63-0161	30	5-1-1866	10-2-1956	.20	10	G. S. TAYLOR	THEODORE L. JOHNSON TRACT
890	CONSUMERS	SETTLERS	63-0161	30	5-1-1866	7-11-1957	.10	5	FRANCIS H. NEITZEL	R. S. POTTER TRACT
906	CONSUMERS	SETTLERS	63-0161	30	5-1-1866	4-3-1958	.10	5	FRANK NEITZEL	R. W. WHITE TRACT
917	CONSUMERS	SETTLERS	63-0161	30	5-1-1866	12-15-1958	.20	10	FRANCIS H. NEITZEL	NAM-SPRAQUE TRACT
918	CONSUMERS	SETTLERS	63-0161	30	5-1-1866	12-15-1958	.025	1.25	FRANCIS H. NEITZEL	H. P. IRBY TRACT
940	CONSUMERS	SETTLERS	63-0161	30	5-1-1866	2-15-1960	.05	2.5	FRANK NEITZEL	EARL M. & DELLA LUKEHART
976	CONSUMERS	NEW YORK	63-0161	30	5-1-1866	1-17-1962	1.50	75	G. S. TAYLOR	SYMMES FRUIT RANCH, INC.
977	CONSUMERS	SETTLERS	63-0161	30	5-1-1866	1-17-1962	.20	10	G. S. TAYLOR	EVERET RAMBO TRACT
979	CONSUMERS	SETTLERS	63-0161	30	5-1-1866	2-23-1962	.10	5	G. S. TAYLOR	R. E. & DAISY M. THOMPSON
980	CONSUMERS	SETTLERS	63-0161	30	5-1-1866	2-23-1962	.12	6	G. S. TAYLOR	CHESNEY LITTLE TRACT
989	CONSUMERS	SETTLERS	63-0161	30	5-1-1866	5-29-1962	.20	10	G. S. TAYLOR	THELION E. CHRISTENSEN TRACT
990	CONSUMERS	SETTLERS	63-0161	30	5-1-1866	7-5-1962	.08	4	G. S. TAYLOR	LYLE F. THAPP TRACT
991	CONSUMERS	SETTLERS	63-0161	30	5-1-1866	7-5-1962	.16	8	G. S. TAYLOR	CHARLES G. HYDE TRACT
1007	CONSUMERS	NEW YORK	63-0161	30	5-1-1866	4-17-1963	1.00	50	G. S. TAYLOR	GLENN DRAPER
1009	NEW DRY CREEK	DRAIN DITCH	63-0288	73-A	4-1-1880	5-16-1963	.10	5	NEW DRY CREEK	R. B. BETTY
1010	CONSUMERS	NEW YORK	63-0161	30	5-1-1866	6-24-1963	2.00	100	G. S. TAYLOR	JOHN DOBSON
1011	CONSUMERS	RIVER	63-0161	30	5-1-1866	6-3-1963	3.00	150	G. S. TAYLOR	SURPRISE VALLEY FARMS
1017	CONSUMERS	NEW YORK	63-0161	30	5-1-1866	9-28-1963	.60	30	G. S. TAYLOR	FRANCIS HERMAN TRACT
1033	CONSUMERS	MORES CREEK	63-0161	30	5-1-1866	9-4-1964	2.00	100	G. S. TAYLOR	CARL NICHOLSON
1038	CONSUMERS	PHYLLIS	63-0161	30	5-1-1866	10-28-1964	21.715	1085.75	G. S. TAYLOR	PIONEER IRRIGATION DIST.
1048	BOISE CITY	FARMERS UNION	63-0165	33	6-1-1866	5-18-1965	.0875	4.38	BOISE CITY CANAL	LEATHERMAN & BINGMAN
1059	BOISE CITY	FARMERS UNION	63-0165	33	6-1-1866	10-28-1965	.10	5	BOISE CITY CANAL	W. T. & HATTIE M. SPRINGER
1074	MORES CREEK	NEW YORK	63-0161	30	5-1-1866	10-13-1966	2.00	100	CARL NICHOLSON	AYALON ORCHARD TRACTS
1055	MANYVILLE & LEONARD	FARMERS UNION	63-01648	32	6-1-1866	11-17-1973	1.80	90.0	SYRINGA GARDENS	
2996	MARK SPRINGS DITCH	MACE MACE	63-0216	116	6-1-1889	8-5-1984	.80	40.0	L.C. MACE	
3326	GRAHAM GILBERT DITCH	BOISE RIVER	63-0144	12	6-1-1865	8-13-1987	2.37	118.5	JON WROTEN	
3373	THURMAN HILL	BOISE WATER CORP.	63-0169	36	6-1-1868	12-02-1987	.814	40.7	BOISE WATER CORP.	TO RAMNEY COLLECTORS
3559	BOISE CITY CANAL	BOISE WATER CORP.	63-0165	33	6-1-1866	10-12-1988	2.025	101.25	BOISE CITY CANAL	TO RAMNEY COLLECTORS
3918	South Boise Water Co.	Douglas Ladd	63-0148	16	6-1-1865	4-1-1992	.02	1	South Boise Water Co.	To Johnson Creek
4048	South Boise Mutual Irr. Co.	Boise Water Corp.	63-0243	110	5-1-1889	10-28-1992	.93	46.5	South Boise Mutual Irr. Co.	To Ramney Collectors

CANAL REGULATIONS

The first canal diversions occurred on April 5th, and continued until October 31st of this year. As mentioned, this was a very good water year with 2.22 million acre feet of water being produced. There were good spring rains that held up the natural flows and also contributed to the storage system. The summer and fall temperatures were cool with a below average amount of summer and fall rain. Several of the major canals continued to deliver water into the later part of October. Most crops did well with some complaints about the cool temperatures.

The appendix shows the diversions in downstream order, with daily flows in C.F.S. and monthly and yearly totals of both C.F.S. and Acre Feet.

STORAGE WATER

The first storage water used in the system started in the month of July 1998, and continued in varying amounts until the 1st of October 1998. As of the 31st of October 1998, which ends the 1998 irrigation year, there was 333,615 Ac. Ft. left in carryover in Anderson Ranch Reservoir, 1,313 Ac. Ft. in Arrowrock Reservoir carryover and 205,287 Ac. Ft. in the Lucky Peak Reservoir carryover account. The total in the 1998 carryover storage accounts at the end of the irrigation season was 540,235 Ac. Ft., this is an above normal carry over, one of the few that the system has had in recent years.

Chart #8 shows the amount of storage that each of the storage holders are entitled to from the three reservoirs and Charts #9 and #10 are the 1998 storage accounts of the various space holders.

The storage for 1998 was figured using a computerized water right and storage accounting program. The appendix shows the preliminary gauging station and reservoir data used in the accounting program. This data is subject to some later revision, but was the best available at the time the program was run.

MISCELLANEOUS

Chart #11 is general information on the number of acres that are under each canal. These acres represent the best available information at this time, due to the age of the information, caution should be used in its use.

CHART 8 1998 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

8-JAN-99

CHART 9 1998 BOISE RIVER RESERVOIR STORAGE ACCOUNTS. (ACRE-FEET)

NUMBER	USER	ARROWROCK STORAGE	*-----ANDERSON RANCH-----* CARRYOVER	*-----LUCKY PEAK-----* NEW FLL	STORAGE	CARRYOVER	NEW FILL	STORAGE	SUBTOTAL
13189600	TRINITY SPRINGS	0.0	799.8	0.2	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	200.0
13201990	FISH & GAME FLOW	0.0	0.0	0.0	0.0	47402.8	2597.2	50000.0	50000.0
13201991	USBR FLOW	0.0	0.0	0.0	0.0	97247.8	45787.6	143035.4	143035.4
13203000	NEW YORK	254571.0	257285.0	102377.0	359662.0	0.0	0.0	0.0	614233.0
13203527	SURPRIS VY/MICRON	0.0	0.0	3000.0	3000.0	0.0	0.0	0.0	3000.0
13203760	RIDENBAUGH	3832.0	3937.3	11199.7	15137.0	0.0	0.0	0.0	18969.0
13204005	BUBB	0.0	447.3	95.7	543.0	500.0	0.0	500.0	1043.0
13204060	ROSSI MILL	0.0	0.0	0.0	0.0	700.0	0.0	700.0	700.0
13204190	BOISE CITY	0.0	0.0	0.0	0.0	937.7	62.3	1000.0	1000.0
13204200	BOISE WATER CORP	0.0	637.0	363.0	1000.0	0.0	0.0	0.0	1000.0
13205515	SETTLERS	2878.0	4867.5	1214.5	6082.0	10000.0	0.0	10000.0	18960.0
13205517	DAVIS	0.0	0.0	0.0	0.0	1500.0	0.0	1500.0	1500.0
13205622	THURMAN MILL	0.0	0.0	0.0	0.0	800.0	0.0	800.0	800.0
13205640	FARMERS UNION	2874.0	5018.6	708.4	5727.0	10000.0	0.0	10000.0	18601.0
13205641	BOISE VALLEY	0.0	646.0	315.0	961.0	2500.0	0.0	2500.0	3461.0
13205643	CAPITOL VIEW	0.0	0.0	460.0	460.0	172.0	128.0	300.0	760.0
13206090	NEW DRY CREEK	0.0	1296.0	0.0	1296.0	3000.0	0.0	3000.0	4296.0
13206092	NEW UNION	0.0	0.0	0.0	0.0	1379.6	20.4	1400.0	1400.0
13206265	BALLENTYNE	0.0	277.7	98.3	376.0	1300.0	0.0	1300.0	1676.0
13208710	MIDDLETON	0.0	0.0	0.0	0.0	10055.2	944.8	11000.0	11000.0
13209480	PHYLLIS	21018.0	20932.9	4649.1	25582.0	16000.0	0.0	16000.0	62600.0
13209482	EUREKA #1	0.0	0.0	0.0	0.0	2189.8	610.2	2800.0	2800.0
13209630	LITTLE PIONEER	0.0	2065.1	108.9	2174.0	500.0	0.0	500.0	2674.0
13209990	CANYON COUNTY	0.0	0.0	0.0	0.0	5200.8	799.2	6000.0	6000.0
13210992	SEBREE	1227.0	0.0	0.0	0.0	0.0	0.0	0.0	1227.0
99999050	ANDERSON DAM POWER	0.0	400.0	0.0	400.0	0.0	0.0	0.0	400.0
99999080	ANDSN UNCONTRACTED	0.0	41000.0	0.0	41000.0	0.0	0.0	0.0	41000.0
99999100	EAGLE IS CANALS	0.0	0.0	0.0	0.0	1718.0	0.0	1718.0	1718.0
TOTAL		286600.0	339610.2	124589.8	464200.0	213103.7	50949.7	264053.4	1014853.4

8-JAN-99

CHART 10 1998 BOISE RIVER RESERVOIR NET STORAGE BY USER. (ACRE-FEET)

NUMBER	USER	ARROWROCK	ANDERSON	LUCKY PEAK	SUBTOTAL	TRANSFERS	RNT POOL	TOTAL
13189600	TRINITY SPRINGS	0.0	790.1	0.0	790.1	0.0	0.0	790.1
13201050	LUCKY PEAK NURSERY	197.9	0.0	0.0	197.9	0.0	0.0	197.9
13201990	FISH & GAME FLOW	0.0	0.0	49300.4	49300.4	0.0	0.0	49300.4
13201991	USBR FLOW	0.0	0.0	141034.1	141034.1	0.0	-40932.0	100102.1
13203000	NEW YORK	251908.8	355218.8	0.0	607127.5	0.0	-375.0	606752.5
13203527	SURPRIS VY/MICRON	0.0	2962.9	0.0	2962.9	0.0	0.0	2962.9
13203760	RIDENBAUGH	3791.9	14950.0	0.0	18741.9	0.0	0.0	18741.9
13204005	BUBB	0.0	536.3	493.0	1029.3	0.0	0.0	1029.3
13204060	ROSSI MILL	0.0	0.0	690.2	690.2	0.0	0.0	690.2
13204190	BOISE CITY	0.0	0.0	986.0	986.0	0.0	0.0	986.0
13204200	BOISE WATER CORP	0.0	987.6	0.0	987.6	0.0	525.0	1512.6
13205515	SETTLERS	2847.9	6006.9	9860.1	18714.9	0.0	0.0	18714.9
13205517	DAVIS	0.0	0.0	1479.0	1479.0	0.0	0.0	1479.0
13205622	THURMAN MILL	0.0	0.0	788.8	788.8	0.0	0.0	788.8
13205640	FARMERS UNION	2843.9	5656.2	9860.1	18360.3	0.0	0.0	18360.3
13205641	BOISE VALLEY	0.0	949.1	2465.0	3414.1	0.0	0.0	3414.1
13205643	CAPITOL VIEW	0.0	454.3	295.8	750.1	0.0	0.0	750.1
13206090	NEW DRY CREEK	0.0	1280.0	2958.0	4238.0	0.0	0.0	4238.0
13206092	NEW UNION	0.0	0.0	1380.4	1380.4	0.0	0.0	1380.4
13206265	BALLENTYNE	0.0	371.4	1281.8	1653.2	0.0	0.0	1653.2
13208710	MIDDLETON	0.0	0.0	10846.1	10846.1	0.0	0.0	10846.1
13209480	PHYLLIS	20798.2	25266.0	15776.1	61840.3	0.0	0.0	61840.3
13209482	EUREKA #1	0.0	0.0	2760.8	2760.8	0.0	0.0	2760.8
13209630	LITTLE PIONEER	0.0	2147.1	493.0	2640.1	0.0	0.0	2640.1
13209990	CANYON COUNTY	0.0	0.0	5916.1	5916.1	0.0	0.0	5916.1
13210992	SEBREE	1214.2	0.0	0.0	1214.2	0.0	0.0	1214.2
99999050	ANDERSON DAM POWER	0.0	395.1	0.0	395.1	0.0	0.0	395.1
99999080	ANDSN UNCONTRACTED	0.0	40493.5	0.0	40493.5	0.0	0.0	40493.5
99999100	EAGLE IS CANALS	0.0	0.0	1694.0	1694.0	0.0	-180.0	1514.0
99999200	ENDANGERED SPECIES	0.0	0.0	0.0	0.0	0.0	40932.0	40932.0
99999950	BOISE R WATER BANK	0.0	0.0	0.0	0.0	0.0	30.0	30.0
TOTAL		283602.8	458465.3	260358.9	1002427.0	0.0	0.0	1002427.0

BOISE VALLEY CANALS AND ACREAGE

CHART NO. 11

AIKEN	236 ACRES	ISLAND HIGH LINE	945 ACRES
ANDREWS	1068 "	LEMP DITCH	300 "
BALLENTYNE	763 "	LITTLE PIONEER	1336 "
BAXTER	200 "	LOWER CENTER POINT.....	880 "
BOISE CITY	1828 "	MACE & CATLIN	536 "
BOISE PROJECT BOARD OF CONTROL		MACE & MACE	80 "
BIG BEND IRRIG. DIST.....	1724 "	MAMMON	468 "
BOISE-KUNA IRRIG. DIST.....	48,629 "	MCCONNEL ISLAND	1600 "
NAMPA & MERIDIAN IRRIG. DIST....	40,304 "	MCMAHUS & TEATER	168 "
NEW YORK IRRIG. DIST.....	17,728 "	MIDDLETON MILL	4400 "
WILDER IRRIG. DIST.....	56,535 "	MIDDLETON WATER.....	5180 "
TOTAL - BOARD OF CONTROL.....	164,920 "	MISCELLANEOUS	838 "
BOISE VALLEY	2729 "	NEW DRY CREEK	3059 "
BOONE	517 "	NEW UNION	688 "
BOWMAN-SWISHER.....	424 "	PARMA DITCH	602 "
BUBB (SOUTH BOISE MUTUAL).....	1057 "	PENITENTIARY	321 "
*CALDWELL HIGH LINE.....	11,917 "	PIONEER IRRIG. DIST.....	23,974 "
CAMPBELL (CANYON DITCH).....	802 "	PIONEER DIXIE.....	3000 "
CANYON COUNTY	3957 "	RIDENBAUGH	26,877 "
CAPITAL VIEW	600 "	RIVERSIDE IRRIG. DIST.....	10,645 "
CONWAY-HAMMING.....	259 "	ROEDEL	160 "
DAVIS & LITTLE DAVIS	634 "	ROSSI MILL	512 "
EUREKA WATER CO. #1	1300 "	SEBREE.....	15,500 "
EUREKA DITCH CO. #2	2625 "	SEVEN SUCKERS	70 "
FARMERS UNION	8372 "	SETTLERS	12,322 "
GRAHAM-GILBERT	200 "	SIEBENBERG	646 "
HAAS.....	367 "	THURMAN MILL	1719 "
HART-DAVIS	453 "	UPPER CENTER POINT.....	641 "
		WARM SPRINGS DITCH	454 "

TOTAL 324,239 ACRES

DRAINAGE WATER (NOT DIVERTED FROM BOISE RIVER)

BLACK CANYON IRRIGATION DISTRICT	6,894 ACRES
CALDWELL IRRIGATION DISTRICT	755 "
MORELAND & VIAL (DIXIE DRAIN)	640 "
	8,289 ACRES

GRAND TOTAL 332,528 ACRES

THIS ACREAGE IS BASED, IN SOME INSTANCES, UPON ACTUAL SURVEYS, AND IN OTHER CASES UPON THE ACREAGE AS DETERMINED AT THE TIME OF THE STEWART DECREE, AND IS THE BEST INFORMATION AVAILABLE AT THE PRESENT TIME. IT WAS ORIGINALLY COMPUTED FEBRUARY 14, 1941, BUT HAS BEEN REVISED SEVERAL TIMES, PARTICULARLY TO REDUCE RIVER BOTTOM ACREAGES TO CONFORM TO STEWART DECREE ACREAGES AS DETERMINED BY SPECIAL COMMITTEE, AND TO ACCOMMODATE TRANSFERS FROM ONE CANAL OR USER TO ANOTHER.

RIDENBAUGH REPRESENTS OLD LANDS WITHIN THE NAMPA & MERIDIAN IRRIGATION DISTRICT THAT ARE WATERED BY THE OLD RIDENBAUGH RIGHTS IN THE STEWART DECREE. THE BALANCE OF THE NAMPA & MERIDIAN IRRIGATION DISTRICT LANDS ARE INCLUDED UNDER THE BOARD OF CONTROL.

*3960 ACRES ARE WATERED WITH LIVE WATER. THE BALANCE OF THE WATER COMES FROM SEVERAL DRAINS.

APPENDIX

DRAIN DISCHARGES

	TIME
Water Tower	A-5
Water Tower	A-20
Water Tower	A-25
Water Tower	A-30
Water Tower	A-35
Water Tower	A-40
Water Tower	A-45
Water Tower	A-50
Water Tower	A-55
Water Tower	A-60
Water Tower	A-65
Water Tower	A-70
Water Tower	A-75
Water Tower	A-80
Water Tower	A-85
Water Tower	A-90
Water Tower	A-95
Water Tower	A-100
Water Tower	A-105
Water Tower	A-110
Water Tower	A-115
Water Tower	A-120
Water Tower	A-125
Water Tower	A-130
Water Tower	A-135
Water Tower	A-140
Water Tower	A-145
Water Tower	A-150
Water Tower	A-155
Water Tower	A-160
Water Tower	A-165
Water Tower	A-170
Water Tower	A-175
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DRAINS IN ALPHABETICAL ORDER

Drains

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Eagle Drain	A-6
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Long Feeder	A-10
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North Middleton Drain	A-12
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Star Feeder	A-9
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Watts Check	A-11
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13205617 DRAINAGE DISTRICT #3
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1997 TO OCTOBER 1998
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	---	---	---	---	---	8.0	8.0	7.0	7.0	6.0	6.0	6.0
2	---	---	---	---	---	8.0	8.0	7.0	7.0	6.0	6.0	6.0
3	---	---	---	---	---	8.0	8.0	7.0	7.0	6.0	6.0	6.0
4	---	---	---	---	---	8.0	8.0	7.0	7.0	6.0	6.0	6.0
5	---	---	---	---	---	8.0	8.3	7.0	7.0	6.0	6.0	6.0
6	---	---	---	---	---	8.0	8.6	7.0	7.0	6.0	6.0	6.0
7	---	---	---	---	---	8.0	8.9	7.0	7.0	6.0	6.0	6.0
8	---	---	---	---	---	8.0	9.1	7.0	6.7	6.0	6.0	6.0
9	---	---	---	---	---	8.0	9.4	7.0	6.3	6.0	6.0	6.0
10	---	---	---	---	---	8.0	9.7	7.0	6.0	6.0	6.0	6.0
11	---	---	---	---	---	8.0	10	7.0	5.7	6.0	6.0	6.0
12	---	---	---	---	---	8.0	9.7	7.0	5.3	6.0	6.0	6.0
13	---	---	---	---	---	8.0	9.4	7.0	5.0	6.0	6.0	6.0
14	---	---	---	---	---	8.3	9.1	7.0	5.0	6.0	6.0	6.0
15	---	---	---	---	---	8.6	8.9	7.0	5.2	6.0	6.0	6.0
16	---	---	---	---	---	8.9	8.6	7.3	5.3	6.0	6.0	6.0
17	---	---	---	---	---	9.1	8.3	7.6	5.5	6.0	6.0	6.0
18	---	---	---	---	---	9.4	8.0	7.9	5.7	6.0	6.0	6.0
19	---	---	---	---	---	9.7	8.1	8.1	5.8	6.0	6.0	6.0
20	---	---	---	---	---	10	8.3	8.4	6.0	6.0	6.0	6.0
21	---	---	---	---	---	9.7	8.4	8.7	6.0	6.0	6.0	6.0
22	---	---	---	---	---	9.4	8.6	9.0	6.0	6.0	6.0	6.0
23	---	---	---	---	---	9.1	8.7	8.7	6.0	6.0	6.0	6.0
24	---	---	---	---	---	8.9	8.9	8.3	6.0	6.0	6.0	6.0
25	---	---	---	---	---	8.6	9.0	8.0	6.0	6.0	6.0	6.0
26	---	---	---	---	---	8.3	8.7	7.7	6.0	6.0	6.0	6.0
27	---	---	---	---	---	8.0	8.4	7.3	6.0	6.0	6.0	6.0
28	---	---	---	---	---	8.0	8.1	7.0	6.0	6.0	6.0	6.0
29	---	---	---	---	---	8.0	7.9	7.0	6.0	6.0	6.0	6.0
30	---	---	---	---	---	8.0	7.6	7.0	6.0	6.0	6.0	6.0
31	---	---	---	---	---	---	7.3	---	6.0	6.0	6.0	6.0
TOTAL						254	266	223	189	186	180	186
MEAN						8.5	8.6	7.4	6.1	6.0	6.0	6.0
MAX						10	10	9.0	6.0	6.0	6.0	6.0
MIN						8.0	7.3	7.0	5.0	6.0	6.0	6.0
AC-FT						504	528	442	374	369	357	369
IRRIGATION YEAR 1998						TOTAL	1484	MEAN	4	AC-FT	2942	

13206400 EAGLE DRAIN
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1997 TO OCTOBER 1998
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	---	---	---	---	---	38	39	45	35	21	24	36
2	---	---	---	---	---	38	39	45	35	21	23	36
3	---	---	---	---	---	38	39	44	35	20	23	35
4	---	---	---	---	---	38	39	44	34	20	22	35
5	---	---	---	---	---	38	40	43	34	20	22	35
6	---	---	---	---	---	38	41	43	33	21	21	35
7	---	---	---	---	---	38	42	42	33	21	21	36
8	---	---	---	---	---	37	43	42	33	21	22	36
9	---	---	---	---	---	37	44	41	32	22	22	36
10	---	---	---	---	---	36	45	40	32	22	23	36
11	---	---	---	---	---	36	46	39	32	22	24	37
12	---	---	---	---	---	35	47	39	31	22	25	37
13	---	---	---	---	---	35	49	38	31	21	25	36
14	---	---	---	---	---	36	50	37	31	21	26	35
15	---	---	---	---	---	36	51	36	31	21	26	34
16	---	---	---	---	---	37	52	37	30	20	27	34
17	---	---	---	---	---	38	54	37	30	20	27	33
18	---	---	---	---	---	39	55	38	30	20	27	32
19	---	---	---	---	---	39	55	39	29	21	27	31
20	---	---	---	---	---	40	54	40	29	21	28	31
21	---	---	---	---	---	40	54	40	28	22	28	30
22	---	---	---	---	---	39	54	41	28	22	29	30
23	---	---	---	---	---	39	54	40	27	23	30	29
24	---	---	---	---	---	39	53	40	26	23	31	29
25	---	---	---	---	---	39	53	39	25	23	32	28
26	---	---	---	---	---	38	52	38	25	23	33	28
27	---	---	---	---	---	38	51	37	24	23	34	28
28	---	---	---	---	---	38	50	37	24	24	35	28
29	---	---	---	---	---	38	48	36	23	24	36	28
30	---	---	---	---	---	38	47	36	23	24	36	28
31	---	---	---	---	---	---	46	---	22	24	---	28
TOTAL						1134	1485	1193	915	671	809	1010
MEAN						38	48	40	30	22	27	33
MAX						40	55	45	35	24	36	37
MIN						35	39	36	22	20	21	28
AC-FT						2249	2946	2366	1815	1331	1604	2003
IRRIGATION YEAR 1998			TOTAL	7216	MEAN	20	AC-FT	14313				

13209450 THURMAN DRAIN
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1997 TO OCTOBER 1998
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	---	---	---	---	---	23	33	26	25	18	24	25
2	---	---	---	---	---	23	34	26	25	18	24	24
3	---	---	---	---	---	23	35	26	24	18	24	24
4	---	---	---	---	---	23	36	26	24	18	24	24
5	---	---	---	---	---	23	35	26	23	18	24	23
6	---	---	---	---	---	23	35	25	23	18	23	23
7	---	---	---	---	---	23	34	25	23	18	23	23
8	---	---	---	---	---	22	34	25	23	18	23	22
9	---	---	---	---	---	22	33	25	22	18	23	22
10	---	---	---	---	---	22	33	25	22	18	23	22
11	---	---	---	---	---	22	32	25	21	18	23	22
12	---	---	---	---	---	21	33	25	21	18	24	22
13	---	---	---	---	---	21	34	25	20	19	24	22
14	---	---	---	---	---	21	35	25	20	19	24	22
15	---	---	---	---	---	22	35	25	20	19	24	22
16	---	---	---	---	---	22	36	25	21	20	25	22
17	---	---	---	---	---	23	37	25	21	20	25	21
18	---	---	---	---	---	23	38	25	21	---	25	21
19	---	---	---	---	---	24	37	24	22	20	25	20
20	---	---	---	---	---	24	35	24	22	20	25	20
21	---	---	---	---	---	25	34	24	22	21	25	19
22	---	---	---	---	---	25	33	24	21	21	25	19
23	---	---	---	---	---	26	32	24	21	21	25	19
24	---	---	---	---	---	26	30	25	20	22	25	19
25	---	---	---	---	---	27	29	25	20	22	25	18
26	---	---	---	---	---	27	29	25	19	22	25	18
27	---	---	---	---	---	28	28	25	19	23	25	18
28	---	---	---	---	---	29	28	26	19	23	25	18
29	---	---	---	---	---	30	28	26	19	23	25	18
30	---	---	---	---	---	31	27	26	19	23	25	18
31	---	---	---	---	---	---	27	---	19	24	---	18
TOTAL						725	1017	753	659	599	729	648
MEAN						24	33	25	21	20	24	21
MAX						31	38	26	25	24	25	25
MIN						21	27	24	19	18	23	18
AC-FT						1438	2018	1493	1307	1187	1446	1285
IRRIGATION YEAR 1998			TOTAL	5129	MEAN	14	AC-FT	10173				

13210810 FIVEMILE CREEK
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1997 TO OCTOBER 1998
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	---	---	---	---	---	95	182	202	235	146	137	168
2	---	---	---	---	---	95	185	196	231	143	138	170
3	---	---	---	---	---	95	188	202	227	141	139	172
4	---	---	---	---	---	95	191	207	223	139	141	174
5	---	---	---	---	---	95	194	213	219	139	142	175
6	---	---	---	---	---	95	197	218	215	137	143	177
7	---	---	---	---	---	95	200	224	211	135	144	178
8	---	---	---	---	---	97	203	229	211	133	145	179
9	---	---	---	---	---	100	206	235	207	130	146	180
10	---	---	---	---	---	102	209	233	203	128	148	182
11	---	---	---	---	---	104	212	230	199	126	149	183
12	---	---	---	---	---	106	215	228	195	126	150	180
13	---	---	---	---	---	109	221	226	191	127	151	178
14	---	---	---	---	---	111	226	224	187	128	151	175
15	---	---	---	---	---	118	232	221	187	129	150	172
16	---	---	---	---	---	126	238	219	184	129	150	169
17	---	---	---	---	---	133	244	227	181	130	150	167
18	---	---	---	---	---	140	249	234	178	131	150	164
19	---	---	---	---	---	147	255	242	175	121	149	161
20	---	---	---	---	---	155	253	250	172	119	149	161
21	---	---	---	---	---	162	251	258	169	117	151	160
22	---	---	---	---	---	164	249	265	167	116	152	160
23	---	---	---	---	---	165	247	273	164	114	154	159
24	---	---	---	---	---	167	245	268	162	112	156	159
25	---	---	---	---	---	168	243	263	159	110	158	159
26	---	---	---	---	---	170	241	258	157	129	159	159
27	---	---	---	---	---	171	235	254	154	130	161	159
28	---	---	---	---	---	173	228	249	152	132	163	159
29	---	---	---	---	---	176	222	244	152	133	165	159
30	---	---	---	---	---	179	215	239	150	134	167	159
31	---	---	---	---	---	---	209	---	148	136	---	159
TOTAL						3908	6885	7031	5765	3999	4506	5216
MEAN						130	222	234	186	129	150	168
MAX						179	255	273	235	146	167	183
MIN						95	182	196	148	110	137	159
AC-FT						7752	13656	13947	11434	7931	8938	10346
IRRIGATION YEAR 1998			TOTAL	37309	MEAN	102	AC-FT	74002				

13210826 STAR FEEDER
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1997 TO OCTOBER 1998
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	---	---	---	---	---	55	74	76	70	55	60	60
2	---	---	---	---	---	55	74	75	70	53	60	60
3	---	---	---	---	---	55	74	75	70	52	60	60
4	---	---	---	---	---	55	75	75	69	50	60	60
5	---	---	---	---	---	55	75	75	69	50	60	60
6	---	---	---	---	---	55	75	75	69	51	60	60
7	---	---	---	---	---	55	75	75	69	52	61	60
8	---	---	---	---	---	56	75	75	69	53	61	60
9	---	---	---	---	---	56	75	75	68	53	61	60
10	---	---	---	---	---	57	75	76	66	54	62	60
11	---	---	---	---	---	58	75	76	65	55	62	60
12	---	---	---	---	---	59	75	77	63	55	62	60
13	---	---	---	---	---	59	76	78	62	55	63	60
14	---	---	---	---	---	60	76	79	60	55	63	60
15	---	---	---	---	---	61	77	79	60	55	63	60
16	---	---	---	---	---	63	78	80	60	55	64	60
17	---	---	---	---	---	64	79	80	60	55	64	60
18	---	---	---	---	---	65	79	80	60	55	64	59
19	---	---	---	---	---	66	80	80	60	55	65	59
20	---	---	---	---	---	68	80	80	60	56	65	58
21	---	---	---	---	---	69	80	80	60	57	65	57
22	---	---	---	---	---	70	80	80	60	58	64	56
23	---	---	---	---	---	70	80	80	60	58	64	56
24	---	---	---	---	---	71	80	79	60	59	63	55
25	---	---	---	---	---	71	80	77	60	60	63	55
26	---	---	---	---	---	72	80	76	60	60	63	55
27	---	---	---	---	---	72	79	74	60	60	62	55
28	---	---	---	---	---	73	79	73	60	60	62	55
29	---	---	---	---	---	73	78	71	60	60	61	55
30	---	---	---	---	---	74	77	70	58	60	61	55
31	---	---	---	---	---	---	76	---	57	60	---	55
TOTAL						1892	2391	2301	1953	1725	1867	1805
MEAN						63	77	77	63	56	62	58
MAX						74	80	80	70	60	65	60
MIN						55	74	70	57	50	60	55
AC-FT						3753	4743	4563	3873	3422	3704	3581
IRRIGATION YEAR 1998			TOTAL	13934	MEAN	38	AC-FT	27638				

13210828 LONG FEEDER
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1997 TO OCTOBER 1998
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	---	---	---	---	---	12	15	15	12	10	11	11
2	---	---	---	---	---	12	15	15	12	10	11	11
3	---	---	---	---	---	13	15	15	12	10	11	11
4	---	---	---	---	---	13	15	15	12	10	12	11
5	---	---	---	---	---	13	15	15	12	10	12	11
6	---	---	---	---	---	13	15	15	12	10	12	11
7	---	---	---	---	---	14	15	15	12	10	12	11
8	---	---	---	---	---	14	15	15	12	10	12	11
9	---	---	---	---	---	14	15	15	12	10	12	11
10	---	---	---	---	---	14	15	15	11	10	12	11
11	---	---	---	---	---	15	15	14	11	10	12	11
12	---	---	---	---	---	15	15	14	11	10	12	11
13	---	---	---	---	---	15	15	13	10	10	12	11
14	---	---	---	---	---	15	14	13	10	10	12	11
15	---	---	---	---	---	15	14	12	10	10	12	11
16	---	---	---	---	---	15	13	12	10	10	12	11
17	---	---	---	---	---	15	13	12	10	10	12	11
18	---	---	---	---	---	15	12	13	10	10	12	11
19	---	---	---	---	---	15	12	13	10	10	12	10
20	---	---	---	---	---	15	12	14	10	10	12	10
21	---	---	---	---	---	15	13	14	10	10	12	10
22	---	---	---	---	---	15	13	15	10	10	11	10
23	---	---	---	---	---	15	14	15	10	10	11	10
24	---	---	---	---	---	15	14	15	10	10	11	10
25	---	---	---	---	---	15	15	14	10	10	11	10
26	---	---	---	---	---	15	15	14	10	10	11	10
27	---	---	---	---	---	15	15	13	10	10	11	10
28	---	---	---	---	---	15	15	13	10	10	11	10
29	---	---	---	---	---	15	15	12	10	11	11	10
30	---	---	---	---	---	15	15	12	10	11	11	10
31	---	---	---	---	---	---	15	---	10	11	---	10
TOTAL						431	444	417	331	313	346	327
MEAN						14	14	14	11	10	12	11
MAX						15	15	15	12	11	12	11
MIN						12	12	12	10	10	11	10
AC-FT						854	881	827	657	620	687	649
IRRIGATION YEAR 1998			TOTAL	2609	MEAN	7	AC-FT	5174				

13210829 WATTS CHECK
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1997 TO OCTOBER 1998
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	---	---	---	---	---	0.0	20	19	20	18	19	17
2	---	---	---	---	---	0.0	20	20	20	18	19	16
3	---	---	---	---	---	0.0	20	20	20	18	19	16
4	---	---	---	---	---	0.0	20	20	20	18	19	16
5	---	---	---	---	---	0.0	20	20	20	18	19	16
6	---	---	---	---	---	0.0	19	20	20	18	20	16
7	---	---	---	---	---	0.0	19	20	20	18	20	16
8	---	---	---	---	---	0.0	18	20	20	18	20	16
9	---	---	---	---	---	0.0	17	20	20	18	20	16
10	---	---	---	---	---	0.0	16	20	19	18	20	16
11	---	---	---	---	---	0.0	16	20	19	18	20	16
12	---	---	---	---	---	0.0	15	20	19	18	20	16
13	---	---	---	---	---	0.0	15	20	18	18	20	16
14	---	---	---	---	---	0.0	15	20	18	18	19	16
15	---	---	---	---	---	0.0	15	20	18	18	19	16
16	---	---	---	---	---	0.0	15	20	18	18	19	16
17	---	---	---	---	---	0.0	15	20	18	18	19	16
18	---	---	---	---	---	0.0	15	20	18	18	19	16
19	---	---	---	---	---	0.0	15	20	18	18	19	16
20	---	---	---	---	---	0.0	15	20	18	18	18	16
21	---	---	---	---	---	0.0	15	20	18	18	18	15
22	---	---	---	---	---	2.9	15	20	18	18	18	13
23	---	---	---	---	---	5.7	15	20	18	18	18	12
24	---	---	---	---	---	8.6	15	20	18	18	18	10
25	---	---	---	---	---	11	15	20	18	18	18	8.7
26	---	---	---	---	---	14	15	20	18	18	17	7.3
27	---	---	---	---	---	17	16	20	18	18	17	5.8
28	---	---	---	---	---	20	16	20	18	18	17	4.4
29	---	---	---	---	---	20	17	20	18	18	17	2.9
30	---	---	---	---	---	20	18	20	18	19	17	1.5
31	---	---	---	---	---	---	19	---	18	19	---	0.0
TOTAL						120	516	599	579	560	559	401
MEAN						4.0	17	20	19	18	19	13
MAX						20	20	20	20	19	20	17
MIN						0.0	15	19	18	18	17	0.0
AC-FT						238	1023	1189	1148	1111	1109	795
IRRIGATION YEAR 1998			TOTAL	3334	MEAN	9	AC-FT	6612				

13210824 NORTH MIDDLETON DRAIN
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1997 TO OCTOBER 1998
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	---	---	---	---	---	67	66	64	55	43	47	43
2	---	---	---	---	---	67	67	63	54	43	46	43
3	---	---	---	---	---	67	68	62	53	42	46	43
4	---	---	---	---	---	67	68	61	52	42	45	43
5	---	---	---	---	---	67	69	60	51	42	46	42
6	---	---	---	---	---	67	70	60	50	43	46	42
7	---	---	---	---	---	67	70	59	49	43	47	42
8	---	---	---	---	---	66	71	58	49	44	48	42
9	---	---	---	---	---	66	72	57	48	44	48	42
10	---	---	---	---	---	65	72	57	48	45	49	43
11	---	---	---	---	---	64	73	58	47	45	50	43
12	---	---	---	---	---	63	73	58	46	45	50	43
13	---	---	---	---	---	63	73	58	46	45	51	43
14	---	---	---	---	---	62	73	58	45	44	52	44
15	---	---	---	---	---	63	74	59	45	44	53	44
16	---	---	---	---	---	63	74	59	45	43	53	44
17	---	---	---	---	---	64	74	60	44	43	54	45
18	---	---	---	---	---	65	74	61	44	42	54	45
19	---	---	---	---	---	66	74	62	44	42	54	46
20	---	---	---	---	---	66	73	64	43	42	54	46
21	---	---	---	---	---	67	72	65	43	41	54	47
22	---	---	---	---	---	67	71	66	43	41	55	47
23	---	---	---	---	---	66	71	67	43	41	55	47
24	---	---	---	---	---	66	70	65	43	40	55	46
25	---	---	---	---	---	65	69	64	44	40	55	46
26	---	---	---	---	---	65	68	62	44	50	55	46
27	---	---	---	---	---	64	67	61	44	49	53	46
28	---	---	---	---	---	64	67	59	44	49	50	45
29	---	---	---	---	---	65	66	58	44	48	48	45
30	---	---	---	---	---	65	65	56	44	48	45	45
31	---	---	---	---	---	---	64	---	43	47	---	45
TOTAL						1959	2178	1821	1437	1358	1517	1373
MEAN						65	70	61	46	44	51	44
MAX						67	74	67	55	50	55	47
MIN						62	64	56	43	40	45	42
AC-FT						3886	4320	3611	2850	2693	3010	2723
IRRIGATION YEAR 1998			TOTAL	11643	MEAN	32	AC-FT	23093				

13210831 SOUTH MIDDLETON DRAIN
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1997 TO OCTOBER 1998
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	---	---	---	---	---	74	132	124	121	102	92	105
2	---	---	---	---	---	74	133	123	121	99	93	102
3	---	---	---	---	---	74	135	124	121	96	94	99
4	---	---	---	---	---	74	137	125	122	93	95	97
5	---	---	---	---	---	74	139	126	122	93	97	94
6	---	---	---	---	---	74	139	128	122	92	98	94
7	---	---	---	---	---	74	139	129	122	92	100	93
8	---	---	---	---	---	76	139	130	122	91	101	93
9	---	---	---	---	---	78	138	131	119	90	102	92
10	---	---	---	---	---	80	138	132	117	90	104	92
11	---	---	---	---	---	83	138	133	114	89	105	93
12	---	---	---	---	---	85	138	134	111	89	106	93
13	---	---	---	---	---	87	138	134	109	88	108	94
14	---	---	---	---	---	89	139	135	106	87	109	95
15	---	---	---	---	---	89	139	136	106	86	110	96
16	---	---	---	---	---	89	140	137	108	85	111	96
17	---	---	---	---	---	89	140	136	109	84	112	97
18	---	---	---	---	---	88	141	135	111	83	113	95
19	---	---	---	---	---	88	141	134	112	83	114	93
20	---	---	---	---	---	88	139	132	114	83	115	91
21	---	---	---	---	---	88	138	131	115	84	114	90
22	---	---	---	---	---	93	136	130	114	84	114	88
23	---	---	---	---	---	99	134	129	114	84	113	86
24	---	---	---	---	---	104	132	128	113	85	113	84
25	---	---	---	---	---	110	131	127	112	85	112	84
26	---	---	---	---	---	115	129	126	111	85	112	85
27	---	---	---	---	---	121	128	124	111	86	111	85
28	---	---	---	---	---	126	127	123	110	87	111	85
29	---	---	---	---	---	128	126	122	110	88	110	85
30	---	---	---	---	---	130	126	121	107	90	107	86
31	---	---	---	---	---	---	125	---	104	91	---	86
TOTAL						2741	4195	3879	3529	2743	3195	2848
MEAN						91	135	129	114	88	107	92
MAX						130	141	137	122	102	115	105
MIN						74	125	121	104	83	92	84
AC-FT						5436	8320	7694	7000	5441	6337	5648
IRRIGATION YEAR 1998			TOTAL	23129	MEAN	63	AC-FT	45875				

13210835 WILLOW CREEK
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1997 TO OCTOBER 1998
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	---	---	---	---	---	43	96	76	36	15	10	34
2	---	---	---	---	---	43	97	73	35	14	11	35
3	---	---	---	---	---	43	97	72	35	13	12	35
4	---	---	---	---	---	43	98	71	35	12	13	36
5	---	---	---	---	---	43	98	70	35	12	14	36
6	---	---	---	---	---	43	96	70	34	11	15	33
7	---	---	---	---	---	43	93	69	34	9.7	16	31
8	---	---	---	---	---	45	91	68	34	8.5	17	28
9	---	---	---	---	---	47	89	67	33	7.3	19	26
10	---	---	---	---	---	49	87	65	32	6.2	20	23
11	---	---	---	---	---	51	84	63	31	5.0	21	24
12	---	---	---	---	---	53	82	61	30	5.0	22	24
13	---	---	---	---	---	55	83	60	29	5.3	23	25
14	---	---	---	---	---	57	83	58	28	5.7	24	25
15	---	---	---	---	---	59	84	56	28	6.0	24	26
16	---	---	---	---	---	62	85	54	27	6.3	25	26
17	---	---	---	---	---	64	86	53	26	6.7	25	27
18	---	---	---	---	---	66	86	52	26	7.0	26	26
19	---	---	---	---	---	68	87	51	25	7.0	26	25
20	---	---	---	---	---	71	88	51	24	6.7	27	24
21	---	---	---	---	---	73	89	50	23	6.3	28	23
22	---	---	---	---	---	76	90	49	22	6.0	28	22
23	---	---	---	---	---	79	91	48	22	5.7	29	21
24	---	---	---	---	---	82	92	46	21	5.3	30	20
25	---	---	---	---	---	86	93	45	20	5.0	31	20
26	---	---	---	---	---	89	94	43	19	5.0	31	20
27	---	---	---	---	---	92	91	41	19	5.8	32	20
28	---	---	---	---	---	95	88	39	18	6.5	33	20
29	---	---	---	---	---	95	85	38	18	7.3	33	20
30	---	---	---	---	---	96	82	36	17	8.0	34	20
31	---	---	---	---	---	---	79	---	16	9.0	---	20
TOTAL						1911	2764	1695	832	239	698	795
MEAN						64	89	57	27	7.7	23	26
MAX						96	98	76	36	15	34	36
MIN						43	79	36	16	5.0	10	20
AC-FT						3791	5482	3362	1649	474	1385	1577
IRRIGATION YEAR 1998			TOTAL	8934	MEAN	24	AC-FT	17719				

13210849 MASON CREEK
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1997 TO OCTOBER 1998
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	---	---	---	---	---	19	32	51	43	19	15	32
2	---	---	---	---	---	19	33	51	44	18	16	30
3	---	---	---	---	---	19	34	52	44	17	16	29
4	---	---	---	---	---	19	35	53	45	16	17	28
5	---	---	---	---	---	19	36	53	45	16	18	27
6	---	---	---	---	---	19	37	54	46	16	19	25
7	---	---	---	---	---	19	37	54	46	16	19	24
8	---	---	---	---	---	20	38	55	46	16	20	24
9	---	---	---	---	---	22	39	55	45	15	21	23
10	---	---	---	---	---	23	40	54	43	15	21	23
11	---	---	---	---	---	25	40	53	42	15	22	23
12	---	---	---	---	---	26	41	52	41	15	23	24
13	---	---	---	---	---	28	41	52	39	15	23	24
14	---	---	---	---	---	29	40	51	38	15	24	25
15	---	---	---	---	---	30	40	50	38	15	25	25
16	---	---	---	---	---	32	40	49	36	15	25	26
17	---	---	---	---	---	33	40	49	34	15	26	26
18	---	---	---	---	---	34	39	50	32	15	27	26
19	---	---	---	---	---	35	39	50	30	15	27	27
20	---	---	---	---	---	37	40	51	28	15	28	27
21	---	---	---	---	---	38	41	51	26	16	29	28
22	---	---	---	---	---	37	42	52	25	16	29	28
23	---	---	---	---	---	35	44	52	25	16	30	29
24	---	---	---	---	---	34	45	51	24	17	30	29
25	---	---	---	---	---	33	46	49	23	17	31	29
26	---	---	---	---	---	32	47	48	22	17	31	29
27	---	---	---	---	---	30	48	47	22	16	32	29
28	---	---	---	---	---	29	48	46	21	16	32	29
29	---	---	---	---	---	30	49	44	21	16	33	29
30	---	---	---	---	---	31	50	43	20	16	33	29
31	---	---	---	---	---	---	50	---	19	15	---	29
TOTAL						836	1270	1521	1054	491	740	835
MEAN						28	41	51	34	16	25	27
MAX						38	50	55	46	19	33	32
MIN						19	32	43	19	15	15	23
AC-FT						1658	2520	3016	2090	973	1467	1656

IRRIGATION YEAR 1998 TOTAL 6746 MEAN 18 AC-FT 13379

13210980 MASON DRAIN
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1997 TO OCTOBER 1998
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	---	---	---	---	---	92	220	241	217	162	134	180
2	---	---	---	---	---	92	221	241	215	157	135	184
3	---	---	---	---	---	92	223	242	213	153	135	189
4	---	---	---	---	---	92	224	243	212	148	136	193
5	---	---	---	---	---	92	226	244	210	148	137	191
6	---	---	---	---	---	92	228	244	208	147	137	189
7	---	---	---	---	---	92	231	245	206	146	138	187
8	---	---	---	---	---	98	233	246	206	145	141	184
9	---	---	---	---	---	103	235	247	203	143	145	182
10	---	---	---	---	---	109	237	246	199	142	148	180
11	---	---	---	---	---	114	240	244	196	141	151	179
12	---	---	---	---	---	120	242	243	192	141	154	179
13	---	---	---	---	---	125	243	242	189	141	158	178
14	---	---	---	---	---	131	244	241	185	140	161	178
15	---	---	---	---	---	136	245	239	185	140	162	177
16	---	---	---	---	---	142	245	238	184	140	163	177
17	---	---	---	---	---	147	246	236	183	139	165	176
18	---	---	---	---	---	153	247	234	183	139	166	172
19	---	---	---	---	---	158	248	232	182	139	167	168
20	---	---	---	---	---	164	247	229	181	137	168	164
21	---	---	---	---	---	169	245	227	180	136	169	161
22	---	---	---	---	---	176	244	225	179	134	169	157
23	---	---	---	---	---	182	243	223	179	132	170	153
24	---	---	---	---	---	189	242	222	178	131	171	149
25	---	---	---	---	---	195	240	222	178	129	172	149
26	---	---	---	---	---	202	239	221	177	130	172	149
27	---	---	---	---	---	208	239	221	177	130	173	149
28	---	---	---	---	---	215	240	220	176	131	174	149
29	---	---	---	---	---	217	240	220	176	132	174	149
30	---	---	---	---	---	218	240	219	171	133	175	149
31	---	---	---	---	---	---	240	---	167	133	---	149
TOTAL						4315	7378	7037	5885	4338	4718	5269
MEAN						144	238	235	190	140	157	170
MAX						218	248	247	217	162	175	193
MIN						92	220	219	167	129	134	149
AC-FT						8558	14633	13957	11673	8605	9359	10450
IRRIGATION YEAR 1998			TOTAL	38939	MEAN	107	AC-FT	77235				

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13210986 HARTLEY GULCH
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1997 TO OCTOBER 1998
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	---	---	---	---	---	26	46	36	38	20	19	23
2	---	---	---	---	---	26	47	35	37	19	20	22
3	---	---	---	---	---	26	47	35	36	19	20	22
4	---	---	---	---	---	26	47	36	35	18	21	22
5	---	---	---	---	---	26	47	36	34	18	22	22
6	---	---	---	---	---	26	47	37	33	18	22	21
7	---	---	---	---	---	26	46	37	32	18	23	21
8	---	---	---	---	---	26	46	38	32	18	23	22
9	---	---	---	---	---	26	46	38	31	18	24	24
10	---	---	---	---	---	26	46	37	30	18	24	25
11	---	---	---	---	---	25	45	36	29	18	25	26
12	---	---	---	---	---	25	45	35	28	18	25	28
13	---	---	---	---	---	25	44	35	27	18	25	29
14	---	---	---	---	---	25	43	34	26	17	26	29
15	---	---	---	---	---	26	42	33	26	17	26	30
16	---	---	---	---	---	27	42	32	26	17	26	30
17	---	---	---	---	---	28	41	34	25	16	27	31
18	---	---	---	---	---	28	40	35	25	16	27	31
19	---	---	---	---	---	29	39	37	24	16	28	32
20	---	---	---	---	---	30	39	39	24	17	28	32
21	---	---	---	---	---	31	40	41	23	17	28	31
22	---	---	---	---	---	33	40	42	23	18	29	30
23	---	---	---	---	---	35	40	44	23	18	29	29
24	---	---	---	---	---	37	40	43	23	19	28	29
25	---	---	---	---	---	40	41	43	22	19	27	28
26	---	---	---	---	---	42	41	42	22	19	26	27
27	---	---	---	---	---	44	40	41	22	19	26	26
28	---	---	---	---	---	46	39	40	22	19	25	26
29	---	---	---	---	---	46	38	40	22	19	24	26
30	---	---	---	---	---	46	38	39	21	19	23	26
31	---	---	---	---	---	---	37	---	21	19	---	26
TOTAL						928	1319	1130	841	558	745	826
MEAN						31	43	38	27	18	25	27
MAX						46	47	44	38	20	29	32
MIN						25	37	32	21	16	19	21
AC-FT						1841	2616	2241	1667	1106	1478	1638
IRRIGATION YEAR 1998			TOTAL	6346	MEAN	17	AC-FT	12587				

13210988 HARTLEY DRAIN
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1997 TO OCTOBER 1998
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	---	---	---	---	---	65	77	88	87	71	69	74
2	---	---	---	---	---	65	77	90	88	70	68	74
3	---	---	---	---	---	65	78	90	89	70	67	74
4	---	---	---	---	---	65	78	90	90	69	66	73
5	---	---	---	---	---	65	79	90	91	69	65	73
6	---	---	---	---	---	65	80	89	92	70	64	73
7	---	---	---	---	---	65	81	89	93	70	63	73
8	---	---	---	---	---	66	82	89	93	71	63	74
9	---	---	---	---	---	67	82	89	91	72	63	74
10	---	---	---	---	---	68	83	88	89	72	64	75
11	---	---	---	---	---	70	84	86	88	73	64	75
12	---	---	---	---	---	71	85	85	86	73	64	76
13	---	---	---	---	---	72	85	83	84	72	64	76
14	---	---	---	---	---	73	84	82	82	70	64	75
15	---	---	---	---	---	75	84	80	82	69	64	75
16	---	---	---	---	---	76	84	79	81	68	65	74
17	---	---	---	---	---	78	84	80	80	66	65	73
18	---	---	---	---	---	80	83	81	79	65	65	72
19	---	---	---	---	---	82	83	82	77	65	65	72
20	---	---	---	---	---	83	82	84	76	65	66	71
21	---	---	---	---	---	85	81	85	75	65	67	70
22	---	---	---	---	---	84	80	86	75	65	68	69
23	---	---	---	---	---	82	78	87	74	65	69	68
24	---	---	---	---	---	81	77	87	74	65	70	67
25	---	---	---	---	---	79	76	87	74	65	71	66
26	---	---	---	---	---	78	75	87	74	65	72	65
27	---	---	---	---	---	76	77	86	73	66	72	64
28	---	---	---	---	---	75	79	86	73	66	73	64
29	---	---	---	---	---	76	81	86	73	67	73	64
30	---	---	---	---	---	76	84	86	72	68	74	64
31	---	---	---	---	---	---	86	---	72	68	---	64
TOTAL						2208	2509	2577	2526	2115	2006	2200
MEAN						74	81	86	81	68	67	71
MAX						85	86	90	93	73	74	76
MIN						65	75	79	72	65	63	64
AC-FT						4379	4977	5111	5010	4195	3979	4363
IRRIGATION YEAR 1998			TOTAL	16141	MEAN	44	AC-FT	32014				

13211445 INDIAN CREEK
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1997 TO OCTOBER 1998
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	---	---	---	---	---	63	141	100	88	81	97	80
2	---	---	---	---	---	63	140	94	88	79	95	80
3	---	---	---	---	---	63	140	96	87	78	93	81
4	---	---	---	---	---	63	139	97	87	76	91	81
5	---	---	---	---	---	63	139	99	86	76	88	82
6	---	---	---	---	---	63	141	100	86	78	86	82
7	---	---	---	---	---	63	144	102	85	79	84	83
8	---	---	---	---	---	65	146	103	85	81	85	86
9	---	---	---	---	---	66	149	102	86	82	86	88
10	---	---	---	---	---	68	151	100	86	84	87	91
11	---	---	---	---	---	69	154	99	87	85	88	94
12	---	---	---	---	---	71	156	98	87	85	89	96
13	---	---	---	---	---	72	157	96	88	86	90	99
14	---	---	---	---	---	74	157	95	88	87	91	104
15	---	---	---	---	---	79	158	93	88	89	92	108
16	---	---	---	---	---	83	158	92	86	90	91	113
17	---	---	---	---	---	88	159	92	83	91	89	117
18	---	---	---	---	---	93	159	93	81	92	88	122
19	---	---	---	---	---	98	160	93	79	92	87	126
20	---	---	---	---	---	102	157	94	76	91	86	131
21	---	---	---	---	---	107	153	94	74	90	84	133
22	---	---	---	---	---	112	150	94	76	90	83	134
23	---	---	---	---	---	117	147	95	77	89	83	136
24	---	---	---	---	---	122	144	95	79	88	82	137
25	---	---	---	---	---	127	140	94	80	87	82	139
26	---	---	---	---	---	132	137	93	82	88	81	140
27	---	---	---	---	---	137	131	92	83	90	81	142
28	---	---	---	---	---	142	125	91	85	91	80	142
29	---	---	---	---	---	142	119	90	85	93	80	142
30	---	---	---	---	---	141	112	89	84	94	79	142
31	---	---	---	---	---	---	106	---	82	96	---	142
TOTAL						2748	4469	2863	2592	2675	2596	3473
MEAN						92	144	95	84	86	87	112
MAX						142	160	103	88	96	97	142
MIN						63	106	89	74	76	79	80
AC-FT						5450	8865	5678	5141	5305	5148	6889
IRRIGATION YEAR 1998			TOTAL	21415	MEAN	59	AC-FT	42476				

13212550 CONWAY GULCH
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1997 TO OCTOBER 1998
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	---	---	---	---	---	52	57	86	68	68	55	60
2	---	---	---	---	---	52	61	84	69	67	57	60
3	---	---	---	---	---	52	64	82	69	66	59	61
4	---	---	---	---	---	52	68	79	70	64	61	61
5	---	---	---	---	---	52	71	77	70	63	63	62
6	---	---	---	---	---	52	75	74	71	63	62	62
7	---	---	---	---	---	52	76	72	70	61	61	63
8	---	---	---	---	---	52	77	69	70	59	60	64
9	---	---	---	---	---	52	78	67	72	58	60	64
10	---	---	---	---	---	51	80	64	72	56	59	65
11	---	---	---	---	---	51	81	66	71	54	58	66
12	---	---	---	---	---	50	82	68	71	52	57	67
13	---	---	---	---	---	50	83	70	70	52	56	67
14	---	---	---	---	---	49	83	73	70	52	54	68
15	---	---	---	---	---	49	84	75	69	51	53	68
16	---	---	---	---	---	51	84	77	69	51	51	69
17	---	---	---	---	---	53	84	79	68	51	52	69
18	---	---	---	---	---	55	84	78	68	50	53	70
19	---	---	---	---	---	57	85	77	67	50	54	70
20	---	---	---	---	---	59	85	76	66	50	56	71
21	---	---	---	---	---	61	87	74	66	49	57	71
22	---	---	---	---	---	63	88	73	65	49	58	71
23	---	---	---	---	---	61	90	72	66	48	59	72
24	---	---	---	---	---	59	92	71	67	47	59	72
25	---	---	---	---	---	57	94	71	68	47	59	72
26	---	---	---	---	---	56	95	70	68	46	59	72
27	---	---	---	---	---	54	97	70	69	46	60	73
28	---	---	---	---	---	52	95	69	70	48	60	73
29	---	---	---	---	---	50	93	69	71	50	60	73
30	---	---	---	---	---	54	91	68	71	52	60	73
31	---	---	---	---	---	---	88	---	70	54	---	73
TOTAL						1610	2552	2200	2139	1673	1732	2101
MEAN						54	82	73	69	54	58	68
MAX						63	97	86	72	68	63	73
MIN						49	57	64	65	46	51	60
AC-FT						3193	5062	4364	4242	3318	3436	4168
IRRIGATION YEAR 1998 TOTAL 14007 MEAN 38 AC-FT 27782												

13212890 DIXIE SLOUGH
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1997 TO OCTOBER 1998
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	---	---	---	---	---	220	250	232	275	218	201	262
2	---	---	---	---	---	220	250	239	277	214	202	262
3	---	---	---	---	---	220	250	245	279	210	203	261
4	---	---	---	---	---	220	250	246	281	207	204	261
5	---	---	---	---	---	220	250	246	284	203	205	260
6	---	---	---	---	---	220	250	247	286	203	207	260
7	---	---	---	---	---	220	249	248	288	206	208	259
8	---	---	---	---	---	220	247	249	290	208	209	261
9	---	---	---	---	---	221	246	249	290	211	210	262
10	---	---	---	---	---	223	244	250	283	214	212	264
11	---	---	---	---	---	224	243	251	276	216	214	266
12	---	---	---	---	---	226	241	253	270	219	216	268
13	---	---	---	---	---	227	240	254	263	219	218	269
14	---	---	---	---	---	229	241	256	256	217	222	271
15	---	---	---	---	---	230	243	257	249	215	227	268
16	---	---	---	---	---	233	244	259	240	213	231	266
17	---	---	---	---	---	236	246	260	238	210	234	263
18	---	---	---	---	---	239	247	263	235	208	236	261
19	---	---	---	---	---	241	249	267	233	206	239	258
20	---	---	---	---	---	244	250	270	231	206	241	256
21	---	---	---	---	---	247	243	274	228	204	244	253
22	---	---	---	---	---	250	236	277	226	202	246	252
23	---	---	---	---	---	250	229	281	226	201	249	251
24	---	---	---	---	---	250	221	284	226	199	251	250
25	---	---	---	---	---	250	214	283	226	197	253	249
26	---	---	---	---	---	250	207	281	225	195	255	248
27	---	---	---	---	---	250	200	280	225	195	257	247
28	---	---	---	---	---	250	206	279	225	196	259	246
29	---	---	---	---	---	250	213	278	225	197	261	246
30	---	---	---	---	---	250	219	276	225	199	263	246
31	---	---	---	---	---	---	226	---	221	200	---	246
TOTAL						7030	7344	7834	7606	6406	6876	7992
MEAN						234	237	261	245	207	229	258
MAX						250	250	284	290	219	263	271
MIN						220	200	232	29	195	201	246
AC-FT						13944	14567	15538	15086	12707	13639	15852
IRRIGATION YEAR 1998			TOTAL	51088	MEAN	140	AC-FT	101333				

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TO ANNUAL REPORT

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DIVERSIONS
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13201050 LUCKY PEAK NURSERY
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1997 TO OCTOBER 1998
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	---	---	---	---	---	0.0	0.5	0.5	0.5	0.5	0.5	0.5
2	---	---	---	---	---	0.0	0.5	0.5	0.5	0.5	0.5	0.5
3	---	---	---	---	---	0.0	0.5	0.5	0.5	0.5	0.5	0.5
4	---	---	---	---	---	0.0	0.5	0.5	0.5	0.5	0.5	0.5
5	---	---	---	---	---	0.0	0.5	0.5	0.5	0.5	0.5	0.5
6	---	---	---	---	---	0.0	0.5	0.5	0.5	0.5	0.5	0.5
7	---	---	---	---	---	0.0	0.5	0.5	0.5	0.5	0.5	0.5
8	---	---	---	---	---	0.0	0.5	0.5	0.5	0.5	0.5	0.5
9	---	---	---	---	---	0.0	0.5	0.5	0.5	0.5	0.5	0.5
10	---	---	---	---	---	0.0	0.5	0.5	0.5	0.5	0.5	0.5
11	---	---	---	---	---	0.5	0.5	0.5	0.5	0.5	0.5	0.5
12	---	---	---	---	---	0.5	0.5	0.5	0.5	0.5	0.5	0.5
13	---	---	---	---	---	0.5	0.5	0.5	0.5	0.5	0.5	0.5
14	---	---	---	---	---	0.5	0.5	0.5	0.5	0.5	0.5	0.5
15	---	---	---	---	---	0.5	0.5	0.5	0.5	0.5	0.5	0.5
16	---	---	---	---	---	0.5	0.5	0.5	0.5	0.5	0.5	0.0
17	---	---	---	---	---	0.5	0.5	0.5	0.5	0.5	0.5	0.0
18	---	---	---	---	---	0.5	0.5	0.5	0.5	0.5	0.5	0.0
19	---	---	---	---	---	0.5	0.5	0.5	0.5	0.5	0.5	0.0
20	---	---	---	---	---	0.5	0.5	0.5	0.5	0.5	0.5	0.0
21	---	---	---	---	---	0.5	0.5	0.5	0.5	0.5	0.5	0.0
22	---	---	---	---	---	0.5	0.5	0.5	0.5	0.5	0.5	0.0
23	---	---	---	---	---	0.5	0.5	0.5	0.5	0.5	0.5	0.0
24	---	---	---	---	---	0.5	0.5	0.5	0.5	0.5	0.5	0.0
25	---	---	---	---	---	0.5	0.5	0.5	0.5	0.5	0.5	0.0
26	---	---	---	---	---	0.5	0.5	0.5	0.5	0.5	0.5	0.0
27	---	---	---	---	---	0.5	0.5	0.5	0.5	0.5	0.5	0.0
28	---	---	---	---	---	0.5	0.5	0.5	0.5	0.5	0.5	0.0
29	---	---	---	---	---	0.5	0.5	0.5	0.5	0.5	0.5	0.0
30	---	---	---	---	---	0.5	0.5	0.5	0.5	0.5	0.5	0.0
31	---	---	---	---	---	---	0.5	---	0.5	0.5	---	0.0
TOTAL						10	16	15	16	16	15	8
MEAN						0.3	0.5	0.5	0.5	0.5	0.5	0.2
MAX						0.5	0.5	0.5	0.5	0.5	0.5	0.5
MIN						0.0	0.5	0.5	0.5	0.5	0.5	0.0
AC-FT						20	31	30	31	31	30	15

IRRIGATION YEAR 1998 TOTAL 94 MEAN 0 AC-FT 186

13202995 PENITENTIARY CANAL
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1997 TO OCTOBER 1998
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	---	---	---	---	---	0.0	4.1	3.6	6.0	7.5	6.7	5.7
2	---	---	---	---	---	0.0	4.1	2.1	6.0	7.2	6.5	5.7
3	---	---	---	---	---	0.0	4.2	2.1	6.0	6.9	6.4	5.6
4	---	---	---	---	---	0.0	4.2	2.1	7.3	6.9	6.2	5.6
5	---	---	---	---	---	0.0	4.2	2.1	7.3	6.8	6.0	5.5
6	---	---	---	---	---	0.0	4.9	2.1	7.3	6.6	6.0	5.4
7	---	---	---	---	---	0.0	4.9	2.1	8.2	6.4	5.9	5.4
8	---	---	---	---	---	0.0	4.9	2.1	8.2	6.3	5.9	5.3
9	---	---	---	---	---	0.0	4.9	2.1	9.8	6.2	5.9	5.3
10	---	---	---	---	---	1.9	4.9	2.1	9.8	6.0	5.9	5.2
11	---	---	---	---	---	1.9	4.5	2.1	9.8	9.0	5.8	5.2
12	---	---	---	---	---	1.9	4.5	2.1	9.8	9.0	5.8	5.1
13	---	---	---	---	---	1.9	4.7	2.1	9.8	9.0	5.8	5.1
14	---	---	---	---	---	1.9	4.7	2.1	9.8	9.0	5.8	5.0
15	---	---	---	---	---	1.9	3.6	2.1	9.7	9.0	5.8	0.0
16	---	---	---	---	---	1.9	3.6	2.1	9.6	9.0	5.7	0.0
17	---	---	---	---	---	1.9	3.6	2.1	9.5	9.0	5.7	0.0
18	---	---	---	---	---	1.9	3.6	2.1	9.5	8.0	5.7	0.0
19	---	---	---	---	---	1.9	3.6	2.1	9.4	8.0	5.8	0.0
20	---	---	---	---	---	1.9	3.6	2.1	9.3	8.0	5.8	0.0
21	---	---	---	---	---	1.9	3.6	2.1	9.2	8.0	5.8	0.0
22	---	---	---	---	---	2.2	3.6	3.0	9.1	8.0	5.9	0.0
23	---	---	---	---	---	2.2	3.6	5.2	9.0	8.0	5.9	0.0
24	---	---	---	---	---	2.2	3.6	5.2	9.0	8.0	5.9	0.0
25	---	---	---	---	---	2.2	3.6	5.2	8.9	8.0	6.0	0.0
26	---	---	---	---	---	2.2	3.6	5.2	8.8	7.8	6.0	0.0
27	---	---	---	---	---	2.2	3.6	5.2	8.7	7.6	5.9	0.0
28	---	---	---	---	---	2.0	3.6	5.2	8.7	7.5	5.9	0.0
29	---	---	---	---	---	2.0	3.6	5.2	8.4	7.3	5.8	0.0
30	---	---	---	---	---	2.0	3.6	5.2	8.1	7.1	5.8	0.0
31	---	---	---	---	---	---	3.6	---	7.8	6.9	---	0.0
TOTAL						42	125	90	268	238	178	75
MEAN						1.4	4.0	3.0	8.6	7.7	5.9	2.4
MAX						2.2	4.9	5.2	9.8	9.0	6.7	5.7
MIN						0.0	3.6	2.1	6.0	6.0	5.7	0.0
AC-FT						83	248	179	531	472	353	149

IRRIGATION YEAR 1998 TOTAL 1016 MEAN 3 AC-FT 2015

13203000 NEW YORK CANAL
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1997 TO OCTOBER 1998
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	0.0	0.0	0.0	0.0	0.0	972	1904	1006	2358	2239	2292	1592
2	0.0	0.0	0.0	0.0	0.0	971	1910	1009	2358	2241	2295	1524
3	0.0	0.0	0.0	0.0	0.0	965	1914	1011	2356	2241	2296	1484
4	0.0	0.0	0.0	0.0	0.0	965	1909	1116	2351	2239	2295	1482
5	0.0	0.0	0.0	0.0	0.0	963	1909	1180	2353	2239	2296	1480
6	0.0	0.0	0.0	0.0	0.0	1149	1910	1396	2284	2240	2300	1481
7	0.0	0.0	0.0	0.0	0.0	1317	1909	1546	2242	2241	2300	1484
8	0.0	0.0	0.0	0.0	0.0	1399	1909	1767	2244	2243	2294	1449
9	0.0	0.0	0.0	0.0	0.0	1432	1908	2114	2237	2241	2291	1396
10	0.0	0.0	0.0	0.0	0.0	1495	1856	2306	2231	2242	2251	1413
11	0.0	0.0	0.0	0.0	0.0	1337	1697	2342	2235	2241	2170	1405
12	0.0	0.0	0.0	0.0	0.0	1226	1553	2333	2238	2284	2054	1407
13	0.0	0.0	0.0	0.0	0.0	1122	1564	2330	2238	2295	2006	1373
14	0.0	0.0	0.0	0.0	0.0	996	1553	2346	2237	2295	2003	732
15	0.0	0.0	0.0	0.0	0.0	968	1495	2353	2237	2297	1999	719
16	0.0	0.0	0.0	0.0	0.0	983	1406	2358	2238	2301	1999	687
17	0.0	0.0	0.0	0.0	0.0	1001	1375	2359	2237	2299	1999	686
18	0.0	0.0	0.0	0.0	0.0	1022	1319	2360	2240	2299	2001	685
19	0.0	0.0	0.0	0.0	0.0	1045	1286	2359	2241	2299	2002	419
20	0.0	0.0	0.0	0.0	0.0	1167	1287	2362	2242	2298	2004	0.0
21	0.0	0.0	0.0	0.0	0.0	1419	1679	2363	2241	2298	2004	0.0
22	0.0	0.0	0.0	0.0	0.0	1580	1577	2357	2241	2299	2002	0.0
23	0.0	0.0	0.0	0.0	0.0	526	1765	1282	2356	2242	2300	0.0
24	0.0	0.0	0.0	0.0	0.0	875	1388	1187	2363	2244	2302	0.0
25	0.0	0.0	0.0	0.0	1017	1381	1189	2360	2243	2302	1808	0.0
26	0.0	0.0	0.0	0.0	1007	1362	1191	2350	2243	2292	1675	0.0
27	0.0	0.0	0.0	0.0	1004	1502	1062	2362	2242	2287	1600	0.0
28	0.0	0.0	0.0	0.0	1001	1739	993	2351	2243	2285	1593	0.0
29	0.0	0.0	0.0	---	1000	1862	998	2349	2242	2283	1592	0.0
30	0.0	0.0	0.0	---	984	1894	1002	2352	2242	2288	1593	0.0
31	---	0.0	0.0	---	971	---	1006	---	2240	2291	---	0.0
TOTAL	0	0	0	0	8385	38387	46737	61518	70056	70541	60931	22896
MEAN	0.0	0.0	0.0	0.0	270	1280	1508	2051	2260	2276	2031	739
MAX	0.0	0.0	0.0	0.0	1017	1894	1914	2363	2358	2302	2300	1592
MIN	0.0	0.0	0.0	0.0	0.0	963	993	1006	2231	2239	1592	0.0
AC-FT	0	0	0	0	16631	76141	92702	122020	138956	139918	120857	45415
IRRIGATION YEAR 1998												
TOTAL 379451 MEAN 1040 AC-FT 752640												

13203527 SURPRIS VY/MICRON
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1997 TO OCTOBER 1998
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	---	---	---	---	---	0.1	0.5	0.6	0.7	1.6	2.7	1.0
2	---	---	---	---	---	0.1	0.5	0.6	0.7	1.6	2.7	1.0
3	---	---	---	---	---	0.1	0.5	0.6	0.8	1.6	2.7	1.0
4	---	---	---	---	---	0.1	0.8	0.6	0.8	1.5	2.7	1.0
5	---	---	---	---	---	0.1	0.8	0.6	0.8	1.5	2.7	0.7
6	---	---	---	---	---	0.1	0.8	0.6	0.7	1.5	2.7	0.7
7	---	---	---	---	---	0.1	0.8	0.6	0.7	1.5	2.7	0.7
8	---	---	---	---	---	0.1	0.8	0.6	0.7	1.5	1.8	0.7
9	---	---	---	---	---	0.2	0.8	0.6	0.7	1.5	1.8	0.7
10	---	---	---	---	---	0.2	0.8	0.6	0.8	1.5	1.8	0.7
11	---	---	---	---	---	0.2	0.3	0.6	0.8	1.3	1.8	0.7
12	---	---	---	---	---	0.2	0.3	0.6	0.8	1.3	1.8	0.7
13	---	---	---	---	---	0.3	0.3	0.6	0.8	1.3	1.8	0.7
14	---	---	---	---	---	19	0.3	0.6	1.2	1.3	1.8	0.7
15	---	---	---	---	---	0.4	0.3	0.7	1.2	1.3	2.0	0.7
16	---	---	---	---	---	0.4	0.3	0.7	1.2	1.3	2.0	0.7
17	---	---	---	---	---	0.4	0.3	0.7	1.2	1.3	2.0	0.7
18	---	---	---	---	---	0.4	0.1	0.8	1.2	1.2	2.0	0.7
19	---	---	---	---	---	0.4	0.1	0.8	1.2	1.2	2.0	0.6
20	---	---	---	---	---	0.4	0.1	0.8	1.2	1.2	2.0	1.3
21	---	---	---	---	---	0.4	0.1	0.8	1.2	1.2	2.0	1.3
22	---	---	---	---	---	0.4	0.1	0.8	1.2	1.2	1.4	1.3
23	---	---	---	---	---	0.4	0.1	0.8	1.2	1.2	1.4	1.3
24	---	---	---	---	---	0.4	0.2	0.8	1.2	1.2	1.4	1.3
25	---	---	---	---	---	0.4	0.2	0.8	1.2	1.2	1.4	1.3
26	---	---	---	---	---	0.4	0.2	0.8	1.2	1.4	1.4	1.2
27	---	---	---	---	---	0.4	0.2	0.8	1.2	1.4	1.4	1.2
28	---	---	---	---	---	0.5	0.2	0.8	1.5	1.4	1.4	1.2
29	---	---	---	---	---	0.5	0.2	0.8	1.6	1.4	1.0	1.2
30	---	---	---	---	---	0.5	0.2	0.8	1.6	1.4	1.0	0.7
31	---	---	---	---	---	0.5	0.1	0.8	1.6	1.4	1.0	0.4
TOTAL						---	0.3	---	1.6	2.7	---	0.4
MEAN						28	11	21	33	44	56	27
MAX						0.9	0.4	0.7	1.1	1.4	1.9	0.9
MIN						19	0.8	0.8	1.6	2.7	2.7	1.3
AC-FT						0.1	0.1	0.6	0.7	1.2	1.0	0.4
						55	23	41	66	87	112	54
IRRIGATION YEAR 1998			TOTAL	221	MEAN	1	AC-FT	438				

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13203760 RIDENBAUGH CANAL
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1997 TO OCTOBER 1998
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	---	---	---	---	---	0.0	485	429	494	499	467	371
2	---	---	---	---	---	0.0	491	430	495	493	462	371
3	---	---	---	---	---	0.0	497	434	495	487	457	370
4	---	---	---	---	---	0.0	503	439	496	487	453	370
5	---	---	---	---	---	0.0	503	443	496	487	448	370
6	---	---	---	---	---	40	503	448	497	487	443	370
7	---	---	---	---	---	63	503	452	497	488	439	369
8	---	---	---	---	---	86	504	457	498	488	434	369
9	---	---	---	---	---	109	504	461	499	488	429	150
10	---	---	---	---	---	131	504	466	500	488	425	0.0
11	---	---	---	---	---	154	504	471	501	488	420	0.0
12	---	---	---	---	---	177	506	476	502	488	415	0.0
13	---	---	---	---	---	200	507	481	503	488	411	0.0
14	---	---	---	---	---	229	509	486	503	489	406	0.0
15	---	---	---	---	---	257	510	491	506	489	404	0.0
16	---	---	---	---	---	286	512	490	509	489	402	0.0
17	---	---	---	---	---	315	513	490	512	489	399	0.0
18	---	---	---	---	---	344	515	489	515	489	397	0.0
19	---	---	---	---	---	372	502	489	518	487	395	0.0
20	---	---	---	---	---	401	490	488	521	485	393	0.0
21	---	---	---	---	---	410	477	487	521	483	391	0.0
22	---	---	---	---	---	418	464	487	521	481	389	0.0
23	---	---	---	---	---	427	451	486	521	479	386	0.0
24	---	---	---	---	---	436	439	487	522	477	384	0.0
25	---	---	---	---	---	445	426	488	522	477	382	0.0
26	---	---	---	---	---	453	426	489	522	477	380	0.0
27	---	---	---	---	---	462	427	490	522	477	378	0.0
28	---	---	---	---	---	468	427	491	522	476	375	0.0
29	---	---	---	---	---	474	428	492	516	476	373	0.0
30	---	---	---	---	---	480	428	493	510	476	371	0.0
31	---	---	---	---	---	---	429	---	505	471	---	0.0
TOTAL						7636	14887	14200	15761	15022	12307	3109
MEAN						255	480	473	508	485	410	100
MAX						480	515	493	522	499	467	371
MIN						0.0	426	429	494	471	371	0.0
AC-FT						15146	29529	28166	31262	29796	24412	6167
IRRIGATION YEAR 1998			TOTAL	82923	MEAN	227	AC-FT	164477				

13204005 BUBB CANAL
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1997 TO OCTOBER 1998
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	---	---	---	---	---	0.0	7.6	6.0	7.0	7.0	7.0	7.0
2	---	---	---	---	---	0.0	7.7	6.0	7.0	7.0	7.0	7.0
3	---	---	---	---	---	0.0	7.9	6.0	7.0	7.0	7.0	7.0
4	---	---	---	---	---	0.0	8.0	6.0	7.0	7.0	7.0	7.0
5	---	---	---	---	---	0.0	7.9	6.0	7.0	6.8	7.0	7.0
6	---	---	---	---	---	0.0	7.7	6.0	7.0	6.7	7.0	7.0
7	---	---	---	---	---	0.0	7.6	6.0	7.0	6.5	7.0	7.0
8	---	---	---	---	---	0.0	7.4	6.0	7.0	6.3	7.0	7.0
9	---	---	---	---	---	0.0	7.3	6.1	7.0	6.2	7.0	7.0
10	---	---	---	---	---	0.0	7.1	6.3	7.0	6.0	7.0	7.0
11	---	---	---	---	---	0.0	7.0	6.4	7.0	6.0	7.0	7.0
12	---	---	---	---	---	0.0	7.0	6.6	7.0	6.0	7.0	7.0
13	---	---	---	---	---	0.0	7.0	6.7	7.0	6.0	7.0	7.0
14	---	---	---	---	---	0.0	7.0	6.9	7.0	6.0	7.0	7.0
15	---	---	---	---	---	0.0	7.0	7.0	7.0	6.0	7.0	7.0
16	---	---	---	---	---	0.0	7.0	6.9	7.0	6.0	7.0	0.0
17	---	---	---	---	---	0.0	7.0	6.7	7.0	6.0	7.0	0.0
18	---	---	---	---	---	0.0	7.0	6.6	7.0	6.0	7.0	0.0
19	---	---	---	---	---	0.0	6.9	6.4	7.0	6.2	7.0	0.0
20	---	---	---	---	---	8.0	6.7	6.3	7.0	6.3	7.0	0.0
21	---	---	---	---	---	7.9	6.6	6.1	7.0	6.5	7.0	0.0
22	---	---	---	---	---	7.7	6.4	6.0	7.0	6.7	7.0	0.0
23	---	---	---	---	---	7.6	6.3	6.1	7.0	6.8	7.0	0.0
24	---	---	---	---	---	7.4	6.1	6.3	7.0	7.0	7.0	0.0
25	---	---	---	---	---	7.3	6.0	6.4	7.0	7.0	7.0	0.0
26	---	---	---	---	---	7.1	6.0	6.6	7.0	7.0	7.0	0.0
27	---	---	---	---	---	7.0	6.0	6.7	7.0	7.0	7.0	0.0
28	---	---	---	---	---	7.1	6.0	6.9	7.0	7.0	7.0	0.0
29	---	---	---	---	---	7.3	6.0	7.0	7.0	7.0	7.0	0.0
30	---	---	---	---	---	7.4	6.0	7.0	7.0	7.0	7.0	0.0
31	---	---	---	---	---	---	6.0	---	7.0	7.0	---	0.0
TOTAL						82	213	192	217	203	210	105
MEAN						2.7	6.9	6.4	7.0	6.5	7.0	3.4
MAX						8.0	8.0	7.0	7.0	7.0	7.0	7.0
MIN						0.0	6.0	6.0	7.0	6.0	7.0	0.0
AC-FT						162	423	381	430	403	417	208
IRRIGATION YEAR 1998			TOTAL	1222	MEAN	3	AC-FT	2423				

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13204005 BUBB CANAL
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1997 TO OCTOBER 1998
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	---	---	---	---	---	0.0	7.6	6.0	7.0	7.0	7.0	7.0
2	---	---	---	---	---	0.0	7.7	6.0	7.0	7.0	7.0	7.0
3	---	---	---	---	---	0.0	7.9	6.0	7.0	7.0	7.0	7.0
4	---	---	---	---	---	0.0	8.0	6.0	7.0	7.0	7.0	7.0
5	---	---	---	---	---	0.0	7.9	6.0	7.0	6.8	7.0	7.0
6	---	---	---	---	---	0.0	7.7	6.0	7.0	6.7	7.0	7.0
7	---	---	---	---	---	0.0	7.6	6.0	7.0	6.5	7.0	7.0
8	---	---	---	---	---	0.0	7.4	6.0	7.0	6.3	7.0	7.0
9	---	---	---	---	---	0.0	7.3	6.1	7.0	6.2	7.0	7.0
10	---	---	---	---	---	0.0	7.1	6.3	7.0	6.0	7.0	7.0
11	---	---	---	---	---	0.0	7.0	6.4	7.0	6.0	7.0	7.0
12	---	---	---	---	---	0.0	7.0	6.6	7.0	6.0	7.0	7.0
13	---	---	---	---	---	0.0	7.0	6.7	7.0	6.0	7.0	7.0
14	---	---	---	---	---	0.0	7.0	6.9	7.0	6.0	7.0	7.0
15	---	---	---	---	---	0.0	7.0	7.0	7.0	6.0	7.0	7.0
16	---	---	---	---	---	0.0	7.0	6.9	7.0	6.0	7.0	0.0
17	---	---	---	---	---	0.0	7.0	6.7	7.0	6.0	7.0	0.0
18	---	---	---	---	---	0.0	7.0	6.6	7.0	6.0	7.0	0.0
19	---	---	---	---	---	0.0	6.9	6.4	7.0	6.2	7.0	0.0
20	---	---	---	---	---	8.0	6.7	6.3	7.0	6.3	7.0	0.0
21	---	---	---	---	---	7.9	6.6	6.1	7.0	6.5	7.0	0.0
22	---	---	---	---	---	7.7	6.4	6.0	7.0	6.7	7.0	0.0
23	---	---	---	---	---	7.6	6.3	6.1	7.0	6.8	7.0	0.0
24	---	---	---	---	---	7.4	6.1	6.3	7.0	7.0	7.0	0.0
25	---	---	---	---	---	7.3	6.0	6.4	7.0	7.0	7.0	0.0
26	---	---	---	---	---	7.1	6.0	6.6	7.0	7.0	7.0	0.0
27	---	---	---	---	---	7.0	6.0	6.7	7.0	7.0	7.0	0.0
28	---	---	---	---	---	7.1	6.0	6.9	7.0	7.0	7.0	0.0
29	---	---	---	---	---	7.3	6.0	7.0	7.0	7.0	7.0	0.0
30	---	---	---	---	---	7.4	6.0	7.0	7.0	7.0	7.0	0.0
31	---	---	---	---	---	---	6.0	---	7.0	7.0	---	0.0
TOTAL						82	213	192	217	203	210	105
MEAN						2.7	6.9	6.4	7.0	6.5	7.0	3.4
MAX						8.0	8.0	7.0	7.0	7.0	7.0	7.0
MIN						0.0	6.0	6.0	7.0	6.0	7.0	0.0
AC-FT						162	423	381	430	403	417	208
IRRIGATION YEAR 1998			TOTAL	1222	MEAN	3	AC-FT	2423				

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13204020 MEEVES CANAL
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1997 TO OCTOBER 1998
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	---	---	---	---	---	0.0	0.0	0.0	1.0	0.3	0.0	0.0
2	---	---	---	---	---	0.0	0.0	0.1	1.0	0.2	0.0	0.0
3	---	---	---	---	---	0.0	0.0	0.3	1.0	0.0	0.0	0.0
4	---	---	---	---	---	0.0	0.0	0.4	1.0	1.0	0.0	0.0
5	---	---	---	---	---	0.0	0.0	0.6	1.0	0.8	0.0	0.0
6	---	---	---	---	---	0.0	0.0	0.7	1.0	0.7	0.0	0.0
7	---	---	---	---	---	0.0	0.0	0.9	1.0	0.5	0.0	0.0
8	---	---	---	---	---	0.0	0.0	1.0	1.0	0.3	0.0	0.0
9	---	---	---	---	---	0.0	0.0	0.9	1.0	0.2	0.0	0.0
10	---	---	---	---	---	0.0	0.0	0.7	1.0	0.0	0.0	0.0
11	---	---	---	---	---	0.0	0.0	0.6	1.0	0.0	0.0	0.0
12	---	---	---	---	---	0.0	0.0	0.4	1.0	0.0	0.0	0.0
13	---	---	---	---	---	0.0	0.0	0.3	1.0	0.0	0.0	0.0
14	---	---	---	---	---	0.0	0.0	0.1	1.0	0.0	0.0	0.0
15	---	---	---	---	---	0.0	0.0	0.0	0.8	0.0	0.0	0.0
16	---	---	---	---	---	0.0	0.0	0.1	0.7	0.0	0.0	0.0
17	---	---	---	---	---	0.0	0.0	0.1	0.5	0.0	0.0	0.0
18	---	---	---	---	---	0.0	0.0	0.2	0.3	0.0	0.0	0.0
19	---	---	---	---	---	0.0	0.0	0.3	0.2	0.0	0.0	0.0
20	---	---	---	---	---	0.0	0.0	0.4	0.0	0.0	0.0	0.0
21	---	---	---	---	---	0.0	0.0	0.4	0.1	0.0	0.0	0.0
22	---	---	---	---	---	0.0	0.0	0.5	0.3	0.0	0.0	0.0
23	---	---	---	---	---	0.0	0.0	0.6	0.4	0.0	0.0	0.0
24	---	---	---	---	---	0.0	0.0	0.6	0.6	0.0	0.0	0.0
25	---	---	---	---	---	0.0	0.0	0.7	0.7	0.0	0.0	0.0
26	---	---	---	---	---	0.0	0.0	0.8	0.9	0.0	0.0	0.0
27	---	---	---	---	---	0.0	0.0	0.9	1.0	0.0	0.0	0.0
28	---	---	---	---	---	0.0	0.0	0.9	1.0	0.0	0.0	0.0
29	---	---	---	---	---	0.0	0.0	1.0	0.8	0.0	0.0	0.0
30	---	---	---	---	---	0.0	0.0	1.0	0.7	0.0	0.0	0.0
31	---	---	---	---	---	---	0.0	---	0.5	0.0	---	0.0
TOTAL						0	0	16	24	4	0	0
MEAN						0.0	0.0	0.5	0.8	0.1	0.0	0.0
MAX						0.0	0.0	1.0	1.0	1.0	0.0	0.0
MIN						0.0	0.0	0.0	0.0	0.0	0.0	0.0
AC-FT						0	0	31	47	8	0	0
IRRIGATION YEAR 1998			TOTAL	43	MEAN	0	AC-FT	85				

13204060 ROSSI MILL CANAL
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1997 TO OCTOBER 1998
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	---	---	---	---	---	0.0	6.0	7.0	6.0	6.0	5.5	6.0
2	---	---	---	---	---	0.0	6.0	7.0	6.0	6.0	5.6	6.0
3	---	---	---	---	---	0.0	6.0	7.0	6.0	6.0	5.7	6.0
4	---	---	---	---	---	0.0	6.0	7.0	6.0	6.0	5.8	6.0
5	---	---	---	---	---	0.0	6.0	7.0	6.0	5.9	5.8	6.0
6	---	---	---	---	---	0.0	6.0	7.0	6.0	5.8	5.9	6.0
7	---	---	---	---	---	0.0	6.0	7.0	6.0	5.8	6.0	6.0
8	---	---	---	---	---	0.0	6.0	7.0	6.0	5.7	6.0	6.0
9	---	---	---	---	---	0.0	6.0	7.0	6.0	5.6	6.0	6.0
10	---	---	---	---	---	0.0	6.0	7.0	6.0	5.5	6.0	6.0
11	---	---	---	---	---	0.0	6.0	7.0	6.0	5.0	6.0	6.0
12	---	---	---	---	---	0.0	6.0	7.0	6.0	5.0	6.0	6.0
13	---	---	---	---	---	0.0	6.0	7.0	6.0	5.0	6.0	6.0
14	---	---	---	---	---	0.9	6.0	7.0	6.0	5.0	6.0	6.0
15	---	---	---	---	---	1.7	6.0	7.0	6.0	5.0	6.0	3.0
16	---	---	---	---	---	2.6	6.0	6.9	6.0	5.0	6.0	0.0
17	---	---	---	---	---	3.4	6.0	6.7	6.0	5.0	6.0	0.0
18	---	---	---	---	---	4.3	6.0	6.6	6.0	5.0	6.0	0.0
19	---	---	---	---	---	5.1	6.0	6.4	6.0	5.0	6.0	0.0
20	---	---	---	---	---	6.0	6.0	6.3	6.0	5.0	6.0	0.0
21	---	---	---	---	---	6.0	6.0	6.1	6.0	5.0	6.0	0.0
22	---	---	---	---	---	6.0	6.0	6.0	6.0	5.0	6.0	0.0
23	---	---	---	---	---	6.0	6.0	6.0	6.0	5.0	6.0	0.0
24	---	---	---	---	---	6.0	6.0	6.0	6.0	5.0	6.0	0.0
25	---	---	---	---	---	6.0	6.0	6.0	6.0	5.0	6.0	0.0
26	---	---	---	---	---	6.0	6.1	6.0	6.0	5.1	6.0	0.0
27	---	---	---	---	---	6.0	6.3	6.0	6.0	5.2	6.0	0.0
28	---	---	---	---	---	6.0	6.4	6.0	6.0	5.2	6.0	0.0
29	---	---	---	---	---	6.0	6.6	6.0	6.0	5.3	6.0	0.0
30	---	---	---	---	---	6.0	6.7	6.0	6.0	5.4	6.0	0.0
31	---	---	---	---	---	---	6.9	---	6.0	5.5	---	0.0
TOTAL						84	189	198	186	165	178	87
MEAN						2.8	6.1	6.6	6.0	5.3	5.9	2.8
MAX						6.0	6.9	7.0	6.0	6.0	6.0	6.0
MIN						0.0	6.0	6.0	6.0	5.0	5.5	0.0
AC-FT						167	375	393	369	327	354	173
IRRIGATION YEAR 1998			TOTAL	1087	MEAN	3	AC-FT	2156				

13204070 RIVER RUN
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1997 TO OCTOBER 1998
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	---	---	---	---	---	18	18	18	18	18	18	18
2	---	---	---	---	---	18	18	18	18	18	18	18
3	---	---	---	---	---	18	18	18	18	18	18	18
4	---	---	---	---	---	18	18	18	18	18	18	18
5	---	---	---	---	---	18	18	18	18	18	18	18
6	---	---	---	---	---	18	18	18	18	18	18	18
7	---	---	---	---	---	18	18	18	18	18	18	18
8	---	---	---	---	---	18	18	18	18	18	18	18
9	---	---	---	---	---	18	18	18	18	18	18	18
10	---	---	---	---	---	18	18	18	18	18	18	18
11	---	---	---	---	---	18	18	18	18	18	18	18
12	---	---	---	---	---	18	18	18	18	18	18	18
13	---	---	---	---	---	18	18	18	18	18	18	18
14	---	---	---	---	---	18	18	18	18	18	18	18
15	---	---	---	---	---	18	18	18	18	18	18	18
16	---	---	---	---	---	18	18	18	18	18	18	18
17	---	---	---	---	---	18	18	18	18	18	18	18
18	---	---	---	---	---	18	18	18	18	18	18	18
19	---	---	---	---	---	18	18	18	18	18	18	18
20	---	---	---	---	---	18	18	18	18	18	18	18
21	---	---	---	---	---	18	18	18	18	18	18	18
22	---	---	---	---	---	18	18	18	18	18	18	18
23	---	---	---	---	---	18	18	18	18	18	18	18
24	---	---	---	---	---	18	18	18	18	18	18	18
25	---	---	---	---	---	18	18	18	18	18	18	18
26	---	---	---	---	---	18	18	18	18	18	18	18
27	---	---	---	---	---	18	18	18	18	18	18	18
28	---	---	---	---	---	18	18	18	18	18	18	18
29	---	---	---	---	---	18	18	18	18	18	18	18
30	---	---	---	---	---	18	18	18	18	18	18	18
31	---	---	---	---	---	---	18	---	18	18	---	18
TOTAL						540	558	540	558	558	540	558
MEAN						18	18	18	18	18	18	18
MAX						18	18	18	18	18	18	18
MIN						18	18	18	18	18	18	18
AC-FT						1071	1107	1071	1107	1107	1071	1107
IRRIGATION YEAR 1998			TOTAL	3852	MEAN	11	AC-FT	7640				

13204190 BOISE CITY CANAL
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1997 TO OCTOBER 1998
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	---	---	---	---	---	0.0	27	18	29	25	25	26
2	---	---	---	---	---	0.0	27	18	29	25	25	26
3	---	---	---	---	---	0.0	27	19	28	25	25	26
4	---	---	---	---	---	0.0	28	19	28	25	26	26
5	---	---	---	---	---	0.0	27	20	27	25	26	26
6	---	---	---	---	---	0.0	26	20	27	26	26	25
7	---	---	---	---	---	0.0	25	21	27	26	26	24
8	---	---	---	---	---	0.0	24	21	27	26	26	23
9	---	---	---	---	---	0.0	23	21	27	27	26	22
10	---	---	---	---	---	0.0	22	22	27	27	25	21
11	---	---	---	---	---	0.0	21	22	26	27	25	20
12	---	---	---	---	---	0.0	21	23	26	27	25	19
13	---	---	---	---	---	18	21	23	26	26	24	19
14	---	---	---	---	---	18	20	24	26	26	24	19
15	---	---	---	---	---	19	20	24	27	26	24	19
16	---	---	---	---	---	19	20	25	27	25	25	0.0
17	---	---	---	---	---	20	20	25	28	25	25	0.0
18	---	---	---	---	---	20	20	26	29	25	25	0.0
19	---	---	---	---	---	21	19	26	29	25	25	0.0
20	---	---	---	---	---	21	19	27	30	25	26	0.0
21	---	---	---	---	---	22	19	27	29	25	26	0.0
22	---	---	---	---	---	23	19	28	29	25	26	0.0
23	---	---	---	---	---	24	18	28	28	25	26	0.0
24	---	---	---	---	---	24	18	29	28	25	26	0.0
25	---	---	---	---	---	25	18	29	27	25	26	0.0
26	---	---	---	---	---	26	---	29	26	25	26	0.0
27	---	---	---	---	---	27	23	29	26	25	26	0.0
28	---	---	---	---	---	27	22	30	26	25	26	0.0
29	---	---	---	---	---	27	21	30	26	25	26	0.0
30	---	---	---	---	---	27	20	30	25	25	26	0.0
31	---	---	---	---	---	---	19	---	25	25	26	0.0
TOTAL						407	651	731	845	789	764	341
MEAN						14	22	24	27	25	25	11
MAX						27	28	30	30	27	26	26
MIN						0.0	18	18	25	25	24	0.0
AC-FT						807	1292	1450	1675	1566	1515	676
IRRIGATION YEAR 1998			TOTAL	4528	MEAN	12	AC-FT	8981				

13205515 SETTLERS CANAL
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1997 TO OCTOBER 1998
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	---	---	---	---	---	0.0	169	20	164	173	157	126
2	---	---	---	---	---	0.0	173	88	165	172	157	126
3	---	---	---	---	---	0.0	177	94	167	172	155	125
4	---	---	---	---	---	0.0	181	100	168	172	152	125
5	---	---	---	---	---	0.0	181	106	170	171	150	125
6	---	---	---	---	---	0.0	180	111	171	171	147	125
7	---	---	---	---	---	0.0	180	117	171	170	145	125
8	---	---	---	---	---	0.0	180	123	172	169	142	125
9	---	---	---	---	---	0.0	180	129	174	169	140	125
10	---	---	---	---	---	0.0	179	131	175	168	139	124
11	---	---	---	---	---	0.0	179	134	176	168	137	124
12	---	---	---	---	---	0.0	171	136	178	167	135	124
13	---	---	---	---	---	40	164	138	179	166	133	124
14	---	---	---	---	---	48	156	140	179	165	132	60
15	---	---	---	---	---	56	149	143	179	163	130	0.0
16	---	---	---	---	---	64	141	145	178	162	130	0.0
17	---	---	---	---	---	71	134	151	178	161	130	0.0
18	---	---	---	---	---	79	126	156	177	161	130	0.0
19	---	---	---	---	---	87	124	162	177	161	129	0.0
20	---	---	---	---	---	95	122	168	176	161	129	0.0
21	---	---	---	---	---	103	119	174	176	161	129	0.0
22	---	---	---	---	---	112	117	179	175	160	129	0.0
23	---	---	---	---	---	120	115	185	175	160	128	0.0
24	---	---	---	---	---	128	20	182	175	160	128	0.0
25	---	---	---	---	---	136	20	180	175	160	127	0.0
26	---	---	---	---	---	145	20	177	174	160	127	0.0
27	---	---	---	---	---	153	20	175	174	159	126	0.0
28	---	---	---	---	---	157	20	172	174	159	126	0.0
29	---	---	---	---	---	161	20	169	174	159	126	0.0
30	---	---	---	---	---	165	20	167	173	158	126	0.0
31	---	---	---	---	---	---	20	---	173	158	---	0.0
TOTAL						1920	3757	4252	5391	5094	4069	1682
MEAN						64	121	142	174	164	136	54
MAX						165	181	185	179	173	157	126
MIN						0.0	20	20	164	158	126	0.0
AC-FT						3808	7452	8433	10692	10104	8071	3337
IRRIGATION YEAR 1998			TOTAL	26165	MEAN	72	AC-FT	51897				

13205517 DAVIS CANAL
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1997 TO OCTOBER 1998
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	---	---	---	---	---	0.0	7.1	6.3	7.0	7.0	6.0	6.0
2	---	---	---	---	---	0.0	6.9	6.0	7.0	7.0	6.0	6.0
3	---	---	---	---	---	0.0	6.6	6.1	7.0	7.0	6.0	6.0
4	---	---	---	---	---	0.0	6.3	6.3	7.0	7.0	6.0	6.0
5	---	---	---	---	---	0.0	6.0	6.4	7.0	6.8	6.0	6.0
6	---	---	---	---	---	0.0	6.0	6.6	7.0	6.7	6.0	6.0
7	---	---	---	---	---	0.0	6.0	6.7	7.0	6.5	6.0	6.0
8	---	---	---	---	---	0.0	6.0	6.9	7.0	6.3	6.0	6.0
9	---	---	---	---	---	0.0	6.0	7.0	7.0	6.2	6.0	6.0
10	---	---	---	---	---	0.0	6.0	6.9	7.0	6.0	6.0	6.0
11	---	---	---	---	---	0.0	6.0	6.7	7.0	6.0	6.0	6.0
12	---	---	---	---	---	0.0	6.0	6.6	7.0	6.0	6.0	6.0
13	---	---	---	---	---	0.0	6.3	6.4	7.0	6.0	6.0	0.0
14	---	---	---	---	---	0.0	6.7	6.3	7.0	6.0	6.0	0.0
15	---	---	---	---	---	0.0	7.0	6.1	7.0	6.0	6.0	0.0
16	---	---	---	---	---	1.2	7.3	6.0	7.0	6.0	6.0	0.0
17	---	---	---	---	---	2.4	7.7	6.0	7.0	6.0	6.0	0.0
18	---	---	---	---	---	3.6	8.0	6.0	7.0	6.0	6.0	0.0
19	---	---	---	---	---	4.8	8.0	6.0	7.0	6.0	6.0	0.0
20	---	---	---	---	---	6.0	8.0	6.0	7.0	6.0	6.0	0.0
21	---	---	---	---	---	6.3	8.0	6.0	7.0	6.0	6.0	0.0
22	---	---	---	---	---	6.5	8.0	6.0	7.0	6.0	6.0	0.0
23	---	---	---	---	---	6.8	8.0	6.0	7.0	6.0	6.0	0.0
24	---	---	---	---	---	7.0	8.0	6.1	7.0	6.0	6.0	0.0
25	---	---	---	---	---	7.3	8.0	6.3	7.0	6.0	6.0	0.0
26	---	---	---	---	---	7.5	8.0	6.4	7.0	6.0	6.0	0.0
27	---	---	---	---	---	7.8	7.7	6.6	7.0	6.0	6.0	0.0
28	---	---	---	---	---	8.0	7.4	6.7	7.0	6.0	6.0	0.0
29	---	---	---	---	---	7.7	7.1	6.9	7.0	6.0	6.0	0.0
30	---	---	---	---	---	7.4	6.9	7.0	7.0	6.0	6.0	0.0
31	---	---	---	---	---	---	6.6	---	7.0	6.0	6.0	0.0
TOTAL						90	218	191	217	193	180	72
MEAN						3.0	7.0	6.4	7.0	6.2	6.0	2.3
MAX						8.0	8.0	7.0	7.0	7.0	6.0	6.0
MIN						0.0	6.0	6.0	7.0	6.0	6.0	0.0
AC-FT						179	432	379	430	382	357	143
IRRIGATION YEAR 1998			TOTAL	1161	MEAN	3	AC-FT	2302				

13205613 BOISE CITY PARKS
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1997 TO OCTOBER 1998
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	---	---	---	---	---	0.0	0.2	0.2	0.2	0.2	0.2	0.3
2	---	---	---	---	---	0.0	0.2	0.2	0.2	0.2	0.2	0.3
3	---	---	---	---	---	0.0	0.2	0.2	0.2	0.2	0.2	0.3
4	---	---	---	---	---	0.0	0.2	0.2	0.2	0.2	0.2	0.3
5	---	---	---	---	---	0.0	0.2	0.2	0.2	0.2	0.2	0.3
6	---	---	---	---	---	0.0	0.2	0.2	0.2	0.2	0.2	0.3
7	---	---	---	---	---	0.0	0.2	0.2	0.2	0.2	0.2	0.3
8	---	---	---	---	---	0.0	0.2	0.2	0.2	0.2	0.2	0.3
9	---	---	---	---	---	0.0	0.2	0.2	0.2	0.2	0.2	0.3
10	---	---	---	---	---	0.0	0.2	0.2	0.2	0.2	0.2	0.3
11	---	---	---	---	---	0.0	0.2	0.2	0.2	0.2	0.2	0.3
12	---	---	---	---	---	0.0	0.2	0.2	0.2	0.2	0.2	0.3
13	---	---	---	---	---	0.0	0.2	0.2	0.2	0.2	0.2	0.3
14	---	---	---	---	---	0.0	0.2	0.2	0.2	0.2	0.2	0.0
15	---	---	---	---	---	0.0	0.2	0.2	0.2	0.2	0.2	0.0
16	---	---	---	---	---	0.0	0.2	0.2	0.2	0.2	0.2	0.0
17	---	---	---	---	---	0.0	0.2	0.2	0.2	0.2	0.2	0.0
18	---	---	---	---	---	0.3	0.2	0.2	0.2	0.2	0.2	0.0
19	---	---	---	---	---	0.3	0.2	0.2	0.2	0.2	0.2	0.0
20	---	---	---	---	---	0.3	0.2	0.2	0.2	0.2	0.2	0.0
21	---	---	---	---	---	0.3	0.2	0.2	0.2	0.2	0.2	0.0
22	---	---	---	---	---	0.3	0.2	0.2	0.2	0.2	0.2	0.0
23	---	---	---	---	---	0.3	0.2	0.2	0.2	0.2	0.2	0.0
24	---	---	---	---	---	0.3	0.2	0.2	0.2	0.2	0.2	0.0
25	---	---	---	---	---	0.3	0.2	0.2	0.2	0.2	0.2	0.0
26	---	---	---	---	---	0.3	0.2	0.2	0.2	0.2	0.2	0.0
27	---	---	---	---	---	0.3	0.2	0.2	0.2	0.2	0.2	0.0
28	---	---	---	---	---	0.3	0.2	0.2	0.2	0.2	0.2	0.0
29	---	---	---	---	---	0.3	0.2	0.2	0.2	0.2	0.2	0.0
30	---	---	---	---	---	0.3	0.2	0.2	0.2	0.2	0.2	0.0
31	---	---	---	---	---	---	0.2	---	0.2	0.2	---	0.0
TOTAL						4	6	6	6	6	6	4
MEAN						0.1	0.2	0.2	0.2	0.2	0.2	0.1
MAX						0.3	0.2	0.2	0.2	0.2	0.2	0.3
MIN						0.0	0.2	0.2	0.2	0.2	0.2	0.0
AC-FT						8	12	12	12	12	12	8

IRRIGATION YEAR 1998

TOTAL

38

MEAN

0

AC-FT

76

A-37

13205613 BOISE CITY PARKS
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1997 TO OCTOBER 1998
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	---	---	---	---	---	0.0	0.2	0.2	0.2	0.2	0.2	0.3
2	---	---	---	---	---	0.0	0.2	0.2	0.2	0.2	0.2	0.3
3	---	---	---	---	---	0.0	0.2	0.2	0.2	0.2	0.2	0.3
4	---	---	---	---	---	0.0	0.2	0.2	0.2	0.2	0.2	0.3
5	---	---	---	---	---	0.0	0.2	0.2	0.2	0.2	0.2	0.3
6	---	---	---	---	---	0.0	0.2	0.2	0.2	0.2	0.2	0.3
7	---	---	---	---	---	0.0	0.2	0.2	0.2	0.2	0.2	0.3
8	---	---	---	---	---	0.0	0.2	0.2	0.2	0.2	0.2	0.3
9	---	---	---	---	---	0.0	0.2	0.2	0.2	0.2	0.2	0.3
10	---	---	---	---	---	0.0	0.2	0.2	0.2	0.2	0.2	0.3
11	---	---	---	---	---	0.0	0.2	0.2	0.2	0.2	0.2	0.3
12	---	---	---	---	---	0.0	0.2	0.2	0.2	0.2	0.2	0.3
13	---	---	---	---	---	0.0	0.2	0.2	0.2	0.2	0.2	0.3
14	---	---	---	---	---	0.0	0.2	0.2	0.2	0.2	0.2	0.0
15	---	---	---	---	---	0.0	0.2	0.2	0.2	0.2	0.2	0.0
16	---	---	---	---	---	0.0	0.2	0.2	0.2	0.2	0.2	0.0
17	---	---	---	---	---	0.0	0.2	0.2	0.2	0.2	0.2	0.0
18	---	---	---	---	---	0.3	0.2	0.2	0.2	0.2	0.2	0.0
19	---	---	---	---	---	0.3	0.2	0.2	0.2	0.2	0.2	0.0
20	---	---	---	---	---	0.3	0.2	0.2	0.2	0.2	0.2	0.0
21	---	---	---	---	---	0.3	0.2	0.2	0.2	0.2	0.2	0.0
22	---	---	---	---	---	0.3	0.2	0.2	0.2	0.2	0.2	0.0
23	---	---	---	---	---	0.3	0.2	0.2	0.2	0.2	0.2	0.0
24	---	---	---	---	---	0.3	0.2	0.2	0.2	0.2	0.2	0.0
25	---	---	---	---	---	0.3	0.2	0.2	0.2	0.2	0.2	0.0
26	---	---	---	---	---	0.3	0.2	0.2	0.2	0.2	0.2	0.0
27	---	---	---	---	---	0.3	0.2	0.2	0.2	0.2	0.2	0.0
28	---	---	---	---	---	0.3	0.2	0.2	0.2	0.2	0.2	0.0
29	---	---	---	---	---	0.3	0.2	0.2	0.2	0.2	0.2	0.0
30	---	---	---	---	---	0.3	0.2	0.2	0.2	0.2	0.2	0.0
31	---	---	---	---	---	---	0.2	---	0.2	0.2	---	0.0
TOTAL						4	6	6	6	6	6	4
MEAN						0.1	0.2	0.2	0.2	0.2	0.2	0.1
MAX						0.3	0.2	0.2	0.2	0.2	0.2	0.3
MIN						0.0	0.2	0.2	0.2	0.2	0.2	0.0
AC-FT						8	12	12	12	12	12	8

IRRIGATION YEAR 1998

TOTAL

38

MEAN

0

AC-FT

76

A-37

13205622 THURMAN MILL CANAL
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1997 TO OCTOBER 1998
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	---	---	---	---	---	0.0	18	20	21	25	23	22
2	---	---	---	---	---	0.0	17	20	21	26	23	22
3	---	---	---	---	---	0.0	16	20	22	26	23	22
4	---	---	---	---	---	0.0	15	20	22	26	23	22
5	---	---	---	---	---	0.0	15	21	23	26	23	22
6	---	---	---	---	---	0.0	16	21	23	26	23	22
7	---	---	---	---	---	3.1	16	21	23	26	23	22
8	---	---	---	---	---	6.3	17	21	24	26	23	21
9	---	---	---	---	---	9.4	17	21	24	26	23	21
10	---	---	---	---	---	13	18	22	25	26	24	21
11	---	---	---	---	---	16	18	22	25	26	24	21
12	---	---	---	---	---	19	18	22	26	26	24	21
13	---	---	---	---	---	22	17	22	26	25	24	20
14	---	---	---	---	---	22	17	23	26	25	24	20
15	---	---	---	---	---	23	15	23	26	25	24	20
16	---	---	---	---	---	23	15	22	26	24	24	0.0
17	---	---	---	---	---	24	15	21	26	24	24	0.0
18	---	---	---	---	---	24	16	20	25	24	24	0.0
19	---	---	---	---	---	25	16	18	25	24	24	0.0
20	---	---	---	---	---	25	16	17	25	24	24	0.0
21	---	---	---	---	---	25	17	16	25	24	23	0.0
22	---	---	---	---	---	24	17	15	25	24	23	0.0
23	---	---	---	---	---	24	17	16	25	24	23	0.0
24	---	---	---	---	---	23	18	16	24	24	23	0.0
25	---	---	---	---	---	23	18	17	24	24	23	0.0
26	---	---	---	---	---	22	18	18	24	24	23	0.0
27	---	---	---	---	---	22	18	19	24	24	23	0.0
28	---	---	---	---	---	21	19	19	24	24	23	0.0
29	---	---	---	---	---	20	19	20	24	24	23	0.0
30	---	---	---	---	---	19	19	20	25	24	23	0.0
31	---	---	---	---	---	---	20	---	25	24	---	0.0
TOTAL						477	527	593	751	768	700	320
MEAN						16	17	20	24	25	23	10
MAX						25	20	23	26	26	24	22
MIN						0.0	15	15	21	24	23	0.0
AC-FT						946	1045	1177	1489	1523	1387	635
IRRIGATION YEAR 1998			TOTAL	4136	MEAN	11	AC-FT	8202				

13204200 BOISE WATER CORP
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1997 TO OCTOBER 1998
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	---	---	---	---	---	2.6	1.5	1.3	4.0	7.0	0.0	1.8
2	---	---	---	---	---	2.6	1.5	1.3	6.0	7.0	7.0	1.8
3	---	---	---	---	---	2.6	1.5	1.3	5.0	7.0	7.0	1.8
4	---	---	---	---	---	2.6	1.5	1.3	6.0	7.0	7.0	1.8
5	---	---	---	---	---	2.6	1.5	1.3	5.0	7.0	7.0	1.8
6	---	---	---	---	---	2.6	1.5	1.3	0.0	7.0	7.0	1.8
7	---	---	---	---	---	2.6	1.5	1.3	7.0	7.0	7.0	1.8
8	---	---	---	---	---	2.6	1.5	1.3	5.0	7.0	7.0	1.8
9	---	---	---	---	---	2.6	1.5	1.3	7.0	7.0	7.0	1.8
10	---	---	---	---	---	2.6	1.5	1.3	8.0	7.0	2.2	1.8
11	---	---	---	---	---	2.6	1.5	1.3	8.0	8.0	2.2	1.8
12	---	---	---	---	---	2.6	1.5	1.3	8.0	8.0	2.2	1.8
13	---	---	---	---	---	2.6	1.5	1.3	8.0	8.0	2.2	1.8
14	---	---	---	---	---	2.6	1.5	1.3	1.0	8.0	2.2	1.8
15	---	---	---	---	---	2.6	1.5	1.3	7.0	8.0	2.2	1.8
16	---	---	---	---	---	2.6	1.5	1.3	8.0	8.0	2.2	1.8
17	---	---	---	---	---	2.6	1.5	1.3	8.0	8.0	2.2	1.8
18	---	---	---	---	---	2.6	1.5	1.3	8.0	8.0	2.2	0.0
19	---	---	---	---	---	2.6	1.5	1.3	8.0	8.0	2.2	0.0
20	---	---	---	---	---	2.6	1.5	1.3	8.0	8.0	2.2	0.0
21	---	---	---	---	---	2.6	1.5	1.3	8.0	8.0	2.2	0.0
22	---	---	---	---	---	2.6	1.5	1.3	8.0	8.0	2.2	0.0
23	---	---	---	---	---	2.6	1.5	1.3	8.0	8.0	2.2	0.0
24	---	---	---	---	---	2.6	1.5	1.3	9.0	8.0	2.2	0.0
25	---	---	---	---	---	2.6	1.5	1.3	9.0	8.0	2.2	0.0
26	---	---	---	---	---	2.6	1.5	1.3	8.0	0.0	2.2	0.0
27	---	---	---	---	---	2.6	1.5	1.3	8.0	0.0	2.2	0.0
28	---	---	---	---	---	2.6	1.5	1.3	8.0	0.0	2.2	0.0
29	---	---	---	---	---	2.6	1.5	1.3	8.0	0.0	2.2	0.0
30	---	---	---	---	---	2.6	1.5	1.3	8.0	0.0	2.2	0.0
31	---	---	---	---	---	---	1.5	---	8.0	0.0	---	0.0
TOTAL						78	47	39	215	182	102	31
MEAN						2.6	1.5	1.3	6.9	5.9	3.4	1.0
MAX						2.6	1.5	1.3	9.0	8.0	7.0	1.8
MIN						2.6	1.5	1.3	0.0	0.0	0.0	0.0
AC-FT						155	92	77	426	361	203	61
IRRIGATION YEAR 1998						TOTAL	693	MEAN	2	AC-FT	1375	

13205640 FARMERS UNION CANAL
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1997 TO OCTOBER 1998
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	---	---	---	---	---	0.0	165	111	182	212	183	137
2	---	---	---	---	---	0.0	172	107	186	209	183	137
3	---	---	---	---	---	0.0	178	113	190	206	181	137
4	---	---	---	---	---	40	184	118	194	206	178	137
5	---	---	---	---	---	42	180	124	199	206	176	137
6	---	---	---	---	---	44	175	130	203	205	173	137
7	---	---	---	---	---	47	171	135	203	205	171	137
8	---	---	---	---	---	49	166	141	208	204	168	136
9	---	---	---	---	---	51	162	147	212	204	166	136
10	---	---	---	---	---	53	157	154	217	203	163	136
11	---	---	---	---	---	56	153	160	221	203	161	136
12	---	---	---	---	---	58	148	167	226	202	158	136
13	---	---	---	---	---	60	144	173	230	202	156	136
14	---	---	---	---	---	69	146	180	230	201	154	60
15	---	---	---	---	---	78	148	186	230	200	151	0.0
16	---	---	---	---	---	87	150	186	229	200	151	0.0
17	---	---	---	---	---	96	152	187	229	199	151	0.0
18	---	---	---	---	---	104	154	187	228	199	152	0.0
19	---	---	---	---	---	113	156	187	228	198	152	0.0
20	---	---	---	---	---	122	154	187	227	197	152	0.0
21	---	---	---	---	---	131	151	188	227	196	152	0.0
22	---	---	---	---	---	140	149	188	226	194	153	0.0
23	---	---	---	---	---	142	146	188	226	193	153	0.0
24	---	---	---	---	---	144	144	186	226	192	153	0.0
25	---	---	---	---	---	146	141	183	226	186	150	0.0
26	---	---	---	---	---	147	137	181	225	186	148	0.0
27	---	---	---	---	---	149	133	178	225	185	145	0.0
28	---	---	---	---	---	151	128	176	225	185	142	0.0
29	---	---	---	---	---	153	124	173	222	185	140	0.0
30	---	---	---	---	---	159	120	177	219	184	137	0.0
31	---	---	---	---	---	---	116	---	216	184	---	0.0
TOTAL						2631	4701	4896	6732	6129	4752	1834
MEAN						88	152	163	217	198	158	59
MAX						159	184	188	230	212	183	137
MIN						0.0	116	107	182	184	137	0.0
AC-FT						5219	9325	9712	13353	12156	9426	3638
IRRIGATION YEAR 1998			TOTAL	31676	MEAN	87	AC-FT	62829				

13205641 BOISE VALLEY CANAL (INCLUDED IN FARMERS UNION)
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1997 TO OCTOBER 1998
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	---	---	---	---	---	0.0	56	56	56	57	39	37
2	---	---	---	---	---	0.0	56	54	56	57	38	37
3	---	---	---	---	---	0.0	56	51	56	57	38	37
4	---	---	---	---	---	0.0	56	49	56	57	38	37
5	---	---	---	---	---	0.0	51	47	56	57	38	37
6	---	---	---	---	---	0.0	47	45	56	56	38	37
7	---	---	---	---	---	0.0	42	42	56	56	38	37
8	---	---	---	---	---	0.0	37	40	56	55	38	37
9	---	---	---	---	---	0.0	32	42	56	55	38	37
10	---	---	---	---	---	0.0	28	43	56	54	38	37
11	---	---	---	---	---	0.0	23	45	56	42	38	37
12	---	---	---	---	---	0.0	26	46	56	42	37	37
13	---	---	---	---	---	0.0	28	48	56	42	37	0.0
14	---	---	---	---	---	20	31	49	56	42	37	0.0
15	---	---	---	---	---	24	33	51	56	42	37	0.0
16	---	---	---	---	---	28	36	52	55	42	37	0.0
17	---	---	---	---	---	31	38	51	55	42	37	0.0
18	---	---	---	---	---	35	41	50	54	42	37	0.0
19	---	---	---	---	---	39	42	49	54	42	37	0.0
20	---	---	---	---	---	43	44	47	53	42	37	0.0
21	---	---	---	---	---	46	45	46	54	42	37	0.0
22	---	---	---	---	---	50	47	45	54	42	37	0.0
23	---	---	---	---	---	54	48	47	55	42	37	0.0
24	---	---	---	---	---	55	50	48	55	42	37	0.0
25	---	---	---	---	---	55	51	50	56	42	37	0.0
26	---	---	---	---	---	56	52	51	56	42	37	0.0
27	---	---	---	---	---	56	52	53	57	41	37	0.0
28	---	---	---	---	---	56	53	54	57	41	37	0.0
29	---	---	---	---	---	56	54	56	57	40	37	0.0
30	---	---	---	---	---	56	55	56	57	40	37	0.0
31	---	---	---	---	---	---	55	---	57	39	---	0.0
TOTAL						759	1365	1461	1725	1431	1121	444
MEAN						25	44	49	56	46	37	14
MAX						56	56	56	57	57	39	37
MIN						0.0	23	40	53	39	37	0.0
AC-FT						1505	2707	2897	3421	2838	2224	881
IRRIGATION YEAR 1998			TOTAL	8305	MEAN	23	AC-FT	16472				

13205643 CAPITOL VIEW PUMP (INCLUDED IN FARMERS UNION)
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1997 TO OCTOBER 1998
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	---	---	---	---	---	0.0	7.0	7.0	7.0	7.0	7.0	7.0
2	---	---	---	---	---	0.0	7.0	7.0	7.0	7.0	7.0	7.0
3	---	---	---	---	---	0.0	7.0	7.0	7.0	7.0	7.0	7.0
4	---	---	---	---	---	0.0	7.0	7.0	7.0	7.0	7.0	7.0
5	---	---	---	---	---	0.0	7.0	7.0	7.0	7.0	7.0	7.0
6	---	---	---	---	---	0.0	7.0	7.0	7.0	7.0	7.0	7.0
7	---	---	---	---	---	0.0	7.0	7.0	7.0	7.0	7.0	7.0
8	---	---	---	---	---	0.0	7.0	7.0	7.0	7.0	7.0	7.0
9	---	---	---	---	---	0.0	7.0	7.0	7.0	7.0	7.0	7.0
10	---	---	---	---	---	0.0	7.0	7.0	7.0	7.0	7.0	7.0
11	---	---	---	---	---	0.0	7.0	7.0	7.0	7.0	7.0	7.0
12	---	---	---	---	---	0.0	7.0	7.0	7.0	7.0	7.0	7.0
13	---	---	---	---	---	0.0	7.0	7.0	7.0	7.0	7.0	7.0
14	---	---	---	---	---	0.0	7.0	7.0	7.0	7.0	7.0	0.0
15	---	---	---	---	---	0.0	7.0	7.0	7.0	7.0	7.0	0.0
16	---	---	---	---	---	0.0	7.0	7.0	7.0	7.0	7.0	0.0
17	---	---	---	---	---	7.0	7.0	7.0	7.0	7.0	7.0	0.0
18	---	---	---	---	---	7.0	7.0	7.0	7.0	7.0	7.0	0.0
19	---	---	---	---	---	7.0	7.0	7.0	7.0	7.0	7.0	0.0
20	---	---	---	---	---	7.0	7.0	7.0	7.0	7.0	7.0	0.0
21	---	---	---	---	---	7.0	7.0	7.0	7.0	7.0	7.0	0.0
22	---	---	---	---	---	7.0	7.0	7.0	7.0	7.0	7.0	0.0
23	---	---	---	---	---	7.0	7.0	7.0	7.0	7.0	7.0	0.0
24	---	---	---	---	---	7.0	7.0	7.0	7.0	7.0	7.0	0.0
25	---	---	---	---	---	7.0	7.0	7.0	7.0	7.0	7.0	0.0
26	---	---	---	---	---	7.0	7.0	7.0	7.0	7.0	7.0	0.0
27	---	---	---	---	---	7.0	7.0	7.0	7.0	7.0	7.0	0.0
28	---	---	---	---	---	7.0	7.0	7.0	7.0	7.0	7.0	0.0
29	---	---	---	---	---	7.0	7.0	7.0	7.0	7.0	7.0	0.0
30	---	---	---	---	---	7.0	7.0	7.0	7.0	7.0	7.0	0.0
31	---	---	---	---	---	7.0	7.0	7.0	7.0	7.0	7.0	0.0
TOTAL						105	217	210	217	217	210	84
MEAN						3.5	7.0	7.0	7.0	7.0	7.0	2.7
MAX						7.0	7.0	7.0	7.0	7.0	7.0	7.0
MIN						0.0	7.0	7.0	7.0	7.0	7.0	0.0
AC-FT						208	430	417	430	430	417	167
IRRIGATION YEAR 1998			TOTAL	1260	MEAN	3	AC-FT	2499				

13206090 NEW DRY CREEK CANAL
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1997 TO OCTOBER 1998
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	---	---	---	---	---	0.0	48	42	52	38	50	30
2	---	---	---	---	---	0.0	51	42	52	38	47	30
3	---	---	---	---	---	0.0	54	42	52	38	47	30
4	---	---	---	---	---	0.0	57	42	52	31	47	30
5	---	---	---	---	---	0.0	57	42	52	33	47	30
6	---	---	---	---	---	0.0	50	42	52	35	47	30
7	---	---	---	---	---	0.0	43	42	52	38	47	30
8	---	---	---	---	---	0.0	37	42	50	40	47	30
9	---	---	---	---	---	0.0	30	46	49	42	47	30
10	---	---	---	---	---	0.0	23	50	47	44	47	30
11	---	---	---	---	---	0.0	26	54	45	44	47	28
12	---	---	---	---	---	0.0	25	58	44	44	47	26
13	---	---	---	---	---	0.0	24	62	42	45	47	24
14	---	---	---	---	---	3.4	23	66	42	45	47	22
15	---	---	---	---	---	6.9	23	70	43	45	46	0.0
16	---	---	---	---	---	10	22	70	43	46	45	0.0
17	---	---	---	---	---	14	21	69	44	46	44	0.0
18	---	---	---	---	---	17	20	69	45	46	43	0.0
19	---	---	---	---	---	21	20	68	45	47	43	0.0
20	---	---	---	---	---	24	20	68	46	47	42	0.0
21	---	---	---	---	---	26	20	67	44	48	41	0.0
22	---	---	---	---	---	27	20	67	42	49	40	0.0
23	---	---	---	---	---	29	20	68	40	49	39	0.0
24	---	---	---	---	---	30	20	69	37	50	38	0.0
25	---	---	---	---	---	32	20	70	35	34	37	0.0
26	---	---	---	---	---	33	20	70	33	37	35	0.0
27	---	---	---	---	---	35	20	71	31	39	34	0.0
28	---	---	---	---	---	38	20	72	38	42	33	0.0
29	---	---	---	---	---	41	21	73	38	45	31	0.0
30	---	---	---	---	---	44	21	72	38	47	30	0.0
31	---	---	---	---	---	---	21	---	38	50	---	0.0
TOTAL						432	896	1785	1363	1322	1282	400
MEAN						14	29	59	44	43	43	13
MAX						44	57	73	52	50	50	30
MIN						0.0	20	42	31	31	30	0.0
AC-FT						856	1778	3540	2704	2621	2542	793
IRRIGATION YEAR 1998			TOTAL	7479	MEAN	20	AC-FT	14834				

13206092 NEW UNION CANAL (INCLUDED IN NEW DRY CREEK)
 DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1997 TO OCTOBER 1998
 MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	---	---	---	---	---	0.0	15	13	13	11	8.0	8.0
2	---	---	---	---	---	0.0	15	13	13	11	8.0	8.0
3	---	---	---	---	---	0.0	15	13	13	11	8.0	8.0
4	---	---	---	---	---	0.0	15	13	13	8.0	8.0	8.0
5	---	---	---	---	---	0.0	15	13	13	8.0	8.0	8.0
6	---	---	---	---	---	0.0	15	13	13	8.0	8.0	8.0
7	---	---	---	---	---	0.0	13	13	13	8.0	8.0	8.0
8	---	---	---	---	---	0.0	13	13	13	8.0	8.0	8.0
9	---	---	---	---	---	0.0	13	13	13	8.0	8.0	8.0
10	---	---	---	---	---	0.0	13	13	13	8.0	8.0	8.0
11	---	---	---	---	---	0.0	13	13	13	8.0	8.0	8.0
12	---	---	---	---	---	0.0	13	13	13	8.0	8.0	8.0
13	---	---	---	---	---	0.0	13	13	13	8.0	8.0	8.0
14	---	---	---	---	---	0.0	13	13	13	8.0	8.0	8.0
15	---	---	---	---	---	0.0	13	13	13	8.0	8.0	8.0
16	---	---	---	---	---	0.0	13	13	12	8.0	8.0	0.0
17	---	---	---	---	---	0.0	13	13	12	8.0	8.0	0.0
18	---	---	---	---	---	0.0	13	13	12	8.0	8.0	0.0
19	---	---	---	---	---	0.0	13	13	12	8.0	8.0	0.0
20	---	---	---	---	---	0.0	13	13	11	8.0	8.0	0.0
21	---	---	---	---	---	14	13	13	11	8.0	8.0	0.0
22	---	---	---	---	---	14	13	13	11	8.0	8.0	0.0
23	---	---	---	---	---	13	13	13	11	8.0	8.0	0.0
24	---	---	---	---	---	13	13	13	11	8.0	8.0	0.0
25	---	---	---	---	---	13	13	13	11	8.0	8.0	0.0
26	---	---	---	---	---	13	13	13	11	8.0	8.0	0.0
27	---	---	---	---	---	13	13	13	11	8.0	8.0	0.0
28	---	---	---	---	---	13	13	13	11	8.0	8.0	0.0
29	---	---	---	---	---	15	13	13	11	8.0	8.0	0.0
30	---	---	---	---	---	15	13	13	11	8.0	8.0	0.0
31	---	---	---	---	---	15	13	13	11	8.0	8.0	0.0
TOTAL						---	13	---	11	8.0	---	0.0
MEAN						151	401	378	367	257	240	112
MAX						5.0	13	13	12	8.3	8.0	3.6
MIN						15	13	13	13	11	8.0	8.0
AC-FT						0.0	13	13	11	8.0	8.0	0.0
						299	796	750	729	510	476	222
IRRIGATION YEAR 1998			TOTAL	1906	MEAN	5	AC-FT	3780				

13206205 LEMP CANAL
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1997 TO OCTOBER 1998
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	---	---	---	---	---	0.0	3.0	0.0	3.0	3.0	3.0	3.0
2	---	---	---	---	---	0.0	3.0	0.0	3.0	3.0	3.0	3.0
3	---	---	---	---	---	0.0	3.0	0.0	3.0	3.0	3.0	3.0
4	---	---	---	---	---	0.0	3.0	0.0	3.0	3.0	3.0	3.0
5	---	---	---	---	---	0.0	3.0	0.0	3.0	3.0	3.0	3.0
6	---	---	---	---	---	0.0	0.0	0.0	3.0	3.0	3.0	3.0
7	---	---	---	---	---	0.0	0.0	0.0	3.0	3.0	3.0	3.0
8	---	---	---	---	---	0.0	0.0	0.0	3.0	3.0	3.0	3.0
9	---	---	---	---	---	0.0	0.0	0.0	3.0	3.0	3.0	3.0
10	---	---	---	---	---	0.0	0.0	0.4	3.0	3.0	3.0	3.0
11	---	---	---	---	---	0.0	0.0	0.9	3.0	3.0	3.0	3.0
12	---	---	---	---	---	0.0	0.0	1.3	3.0	3.0	3.0	3.0
13	---	---	---	---	---	0.0	0.0	1.7	3.0	3.0	3.0	3.0
14	---	---	---	---	---	0.0	0.0	2.1	3.0	3.0	3.0	3.0
15	---	---	---	---	---	0.4	0.0	2.6	3.0	3.0	3.0	3.0
16	---	---	---	---	---	0.9	0.0	3.0	3.0	3.0	3.0	3.0
17	---	---	---	---	---	1.3	0.0	2.6	3.0	3.0	3.0	0.0
18	---	---	---	---	---	1.7	0.0	2.1	3.0	3.0	3.0	0.0
19	---	---	---	---	---	2.1	0.0	1.7	3.0	3.0	3.0	0.0
20	---	---	---	---	---	2.6	0.0	1.3	3.0	3.0	3.0	0.0
21	---	---	---	---	---	3.0	0.0	0.9	3.0	3.0	3.0	0.0
22	---	---	---	---	---	3.0	0.0	0.4	3.0	3.0	3.0	0.0
23	---	---	---	---	---	3.0	0.0	0.0	3.0	3.0	3.0	0.0
24	---	---	---	---	---	3.0	0.0	0.4	3.0	3.0	3.0	0.0
25	---	---	---	---	---	3.0	0.0	0.9	3.0	3.0	3.0	0.0
26	---	---	---	---	---	3.0	0.0	1.3	3.0	3.0	3.0	0.0
27	---	---	---	---	---	3.0	0.0	1.7	3.0	3.0	3.0	0.0
28	---	---	---	---	---	3.0	0.0	2.1	3.0	3.0	3.0	0.0
29	---	---	---	---	---	3.0	0.0	2.6	3.0	3.0	3.0	0.0
30	---	---	---	---	---	3.0	0.0	3.0	3.0	3.0	3.0	0.0
31	---	---	---	---	---	3.0	0.0	3.0	3.0	3.0	3.0	0.0
TOTAL						---	0.0	---	3.0	3.0	---	0.0
MEAN						42	12	36	93	93	90	45
MAX						1.4	0.4	1.2	3.0	3.0	3.0	1.5
MIN						3.0	3.0	3.0	3.0	3.0	3.0	3.0
AC-FT						0.0	0.0	0.0	3.0	3.0	3.0	0.0
						83	24	71	184	184	179	89
IRRIGATION YEAR 1998			TOTAL	411	MEAN	1	AC-FT	815				

13206220 WARM SPRINGS CANAL
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1997 TO OCTOBER 1998
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	---	---	---	---	---	0.0	0.0	4.0	5.3	4.0	4.0	3.0
2	---	---	---	---	---	0.0	0.0	4.1	4.0	4.0	4.0	3.0
3	---	---	---	---	---	0.0	0.0	4.3	4.0	4.0	4.0	3.0
4	---	---	---	---	---	0.0	0.0	4.4	4.0	4.0	4.0	3.0
5	---	---	---	---	---	0.0	0.0	4.6	4.0	4.0	4.0	3.0
6	---	---	---	---	---	0.0	0.0	4.7	4.0	4.0	4.0	3.0
7	---	---	---	---	---	0.0	0.0	4.9	4.0	4.0	4.0	3.0
8	---	---	---	---	---	0.0	0.0	5.0	4.0	4.0	4.0	3.0
9	---	---	---	---	---	0.0	0.0	4.3	4.0	4.0	4.0	3.0
10	---	---	---	---	---	0.0	0.0	3.6	4.0	4.0	4.0	3.0
11	---	---	---	---	---	0.0	0.0	2.9	4.0	4.0	4.0	3.0
12	---	---	---	---	---	0.0	0.0	2.1	4.0	4.0	4.0	3.0
13	---	---	---	---	---	0.0	0.0	1.4	4.0	4.0	4.0	3.0
14	---	---	---	---	---	0.0	0.0	0.7	4.0	4.0	4.0	3.0
15	---	---	---	---	---	0.0	0.0	0.0	4.0	4.0	4.0	3.0
16	---	---	---	---	---	0.0	0.0	0.0	4.0	4.0	4.0	0.0
17	---	---	---	---	---	0.0	0.0	0.0	4.0	4.0	4.0	0.0
18	---	---	---	---	---	0.0	0.0	0.0	4.0	4.0	4.0	0.0
19	---	---	---	---	---	0.0	0.0	0.0	4.0	4.0	4.0	0.0
20	---	---	---	---	---	0.0	0.0	0.0	4.0	4.0	4.0	0.0
21	---	---	---	---	---	0.0	0.0	0.0	4.0	4.0	4.0	0.0
22	---	---	---	---	---	0.0	0.0	0.0	4.0	4.0	4.0	0.0
23	---	---	---	---	---	0.0	0.0	0.0	4.0	4.0	4.0	0.0
24	---	---	---	---	---	0.0	0.0	0.7	4.0	4.0	4.0	0.0
25	---	---	---	---	---	0.0	0.0	1.4	4.0	4.0	4.0	0.0
26	---	---	---	---	---	0.0	0.0	2.1	4.0	4.0	4.0	0.0
27	---	---	---	---	---	0.0	0.0	2.9	4.0	4.0	4.0	0.0
28	---	---	---	---	---	0.0	0.0	3.6	4.0	4.0	4.0	0.0
29	---	---	---	---	---	0.0	0.0	4.3	4.0	4.0	4.0	0.0
30	---	---	---	---	---	0.0	0.0	5.0	4.0	4.0	4.0	0.0
31	---	---	---	---	---	0.0	0.0	5.1	4.0	4.0	4.0	0.0
TOTAL						0	0	76	125	124	120	45
MEAN						0.0	0.0	2.5	4.0	4.0	4.0	1.5
MAX						0.0	0.0	5.1	5.3	4.0	4.0	3.0
MIN						0.0	0.0	0.0	4.0	4.0	4.0	0.0
AC-FT						0	0	151	249	246	238	89
IRRIGATION YEAR 1998			TOTAL	490	MEAN	1	AC-FT	972				

13206260 GRAHAM-GILBERT CANAL
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1997 TO OCTOBER 1998
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	---	---	---	---	---	0.0	0.8	1.0	1.0	1.0	1.0	1.0
2	---	---	---	---	---	0.0	0.8	1.0	1.0	1.0	1.0	1.0
3	---	---	---	---	---	0.0	0.9	1.0	1.0	1.0	1.0	1.0
4	---	---	---	---	---	0.0	1.0	1.0	1.0	1.0	1.0	1.0
5	---	---	---	---	---	0.0	1.0	1.0	1.0	1.0	1.0	1.0
6	---	---	---	---	---	0.0	1.0	1.0	1.0	1.0	1.0	1.0
7	---	---	---	---	---	0.0	1.0	1.0	1.0	1.0	1.0	1.0
8	---	---	---	---	---	0.0	1.0	1.0	1.0	1.0	1.0	1.0
9	---	---	---	---	---	0.0	1.0	1.0	1.0	1.0	1.0	1.0
10	---	---	---	---	---	0.0	1.0	0.7	1.0	1.0	1.0	1.0
11	---	---	---	---	---	0.0	1.0	0.6	1.0	1.0	1.0	1.0
12	---	---	---	---	---	0.0	0.9	0.4	1.0	1.0	1.0	1.0
13	---	---	---	---	---	0.0	0.7	0.3	1.0	1.0	1.0	1.0
14	---	---	---	---	---	0.0	0.6	0.1	1.0	1.0	1.0	1.0
15	---	---	---	---	---	0.0	0.4	0.0	1.0	1.0	1.0	1.0
16	---	---	---	---	---	0.0	0.3	0.0	1.0	1.0	1.0	0.0
17	---	---	---	---	---	0.0	0.1	0.0	1.0	1.0	1.0	0.0
18	---	---	---	---	---	0.0	0.0	0.0	1.0	1.0	1.0	0.0
19	---	---	---	---	---	0.0	0.0	0.0	1.0	1.0	1.0	0.0
20	---	---	---	---	---	0.0	0.0	0.0	1.0	1.0	1.0	0.0
21	---	---	---	---	---	0.0	0.0	0.0	1.0	1.0	1.0	0.0
22	---	---	---	---	---	0.0	0.0	0.0	1.0	1.0	1.0	0.0
23	---	---	---	---	---	0.1	0.0	0.0	1.0	1.0	1.0	0.0
24	---	---	---	---	---	0.2	0.0	0.1	1.0	1.0	1.0	0.0
25	---	---	---	---	---	0.2	0.0	0.3	1.0	1.0	1.0	0.0
26	---	---	---	---	---	0.3	0.0	0.4	1.0	1.0	1.0	0.0
27	---	---	---	---	---	0.4	0.1	0.6	1.0	1.0	1.0	0.0
28	---	---	---	---	---	0.5	0.3	0.7	1.0	1.0	1.0	0.0
29	---	---	---	---	---	0.5	0.4	0.9	1.0	1.0	1.0	0.0
30	---	---	---	---	---	0.6	0.6	1.0	1.0	1.0	1.0	0.0
31	---	---	---	---	---	0.7	0.7	1.0	1.0	1.0	1.0	0.0
TOTAL						---	0.9	---	1.0	1.0	---	0.0
MEAN						4	17	16	31	31	30	15
MAX						0.1	0.5	0.5	1.0	1.0	1.0	0.5
MIN						0.7	1.0	1.0	1.0	1.0	1.0	1.0
AC-FT						0.0	0.0	0.0	1.0	1.0	1.0	0.0
						7	33	32	61	61	60	30
IRRIGATION YEAR 1998						TOTAL	143	MEAN	0	AC-FT	283	

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13206265 BALLENTYNE CANAL
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1997 TO OCTOBER 1998
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	---	---	---	---	---	0.0	15	15	17	15	13	11
2	---	---	---	---	---	0.0	15	15	17	15	12	11
3	---	---	---	---	---	0.0	15	15	17	15	12	10
4	---	---	---	---	---	0.0	14	15	16	15	12	10
5	---	---	---	---	---	0.0	14	15	16	15	12	10
6	---	---	---	---	---	0.0	13	16	16	15	12	10
7	---	---	---	---	---	0.0	11	16	16	15	12	10
8	---	---	---	---	---	0.0	10	16	16	15	12	10
9	---	---	---	---	---	0.0	8.9	16	16	15	12	10
10	---	---	---	---	---	0.0	7.6	16	16	15	12	10
11	---	---	---	---	---	0.0	6.3	15	15	15	12	10
12	---	---	---	---	---	0.0	5.0	15	15	15	12	10
13	---	---	---	---	---	0.0	5.0	15	15	14	12	10
14	---	---	---	---	---	0.0	5.0	14	15	14	12	10
15	---	---	---	---	---	0.0	5.0	14	15	14	12	10
16	---	---	---	---	---	0.0	5.0	14	15	14	12	10
17	---	---	---	---	---	0.0	5.0	14	15	13	12	10
18	---	---	---	---	---	0.0	5.0	14	15	13	12	10
19	---	---	---	---	---	0.0	5.0	14	15	13	11	10
20	---	---	---	---	---	0.0	5.0	15	15	13	11	10
21	---	---	---	---	---	0.0	6.4	15	15	13	11	8.6
22	---	---	---	---	---	0.0	7.9	15	15	13	11	7.1
23	---	---	---	---	---	2.3	9.3	15	15	13	11	5.7
24	---	---	---	---	---	4.6	11	15	15	13	11	4.3
25	---	---	---	---	---	6.9	12	15	15	13	11	2.9
26	---	---	---	---	---	9.1	14	16	15	13	11	1.4
27	---	---	---	---	---	11	15	16	15	13	11	0.0
28	---	---	---	---	---	14	15	16	15	13	11	0.0
29	---	---	---	---	---	16	15	16	15	13	11	0.0
30	---	---	---	---	---	16	15	17	15	13	11	0.0
31	---	---	---	---	---	15	15	17	15	13	11	0.0
TOTAL						---	15	---	15	13	---	0.0
MEAN						95	320	458	477	428	349	222
MAX						3.2	10	15	15	14	12	7.2
MIN						16	15	17	17	15	13	11
AC-FT						0.0	5.0	14	15	13	11	0.0
						189	635	908	946	850	691	440
IRRIGATION YEAR 1998			TOTAL	2348	MEAN	6	AC-FT	4657				

13206270 CONWAY-HAMMING CANAL
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1997 TO OCTOBER 1998
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	---	---	---	---	---	0.0	3.0	3.0	3.0	3.0	3.0	1.0
2	---	---	---	---	---	0.0	3.0	2.6	3.0	3.0	3.0	1.5
3	---	---	---	---	---	0.0	3.0	2.1	3.0	3.0	3.0	2.0
4	---	---	---	---	---	0.0	3.0	1.7	3.0	3.0	3.0	2.5
5	---	---	---	---	---	0.0	3.0	1.3	3.0	3.0	3.0	3.0
6	---	---	---	---	---	0.0	2.6	0.9	3.0	3.0	3.0	3.0
7	---	---	---	---	---	0.0	2.1	0.4	3.0	3.0	3.0	3.0
8	---	---	---	---	---	0.0	1.7	0.0	3.0	3.0	3.0	3.0
9	---	---	---	---	---	0.0	1.3	0.0	3.0	3.0	3.0	3.0
10	---	---	---	---	---	0.0	0.9	0.0	3.0	3.0	3.0	3.0
11	---	---	---	---	---	0.0	0.4	0.0	3.0	3.0	3.0	3.0
12	---	---	---	---	---	0.0	0.0	0.0	3.0	3.0	3.0	3.0
13	---	---	---	---	---	0.0	0.0	0.2	3.0	3.0	3.0	3.0
14	---	---	---	---	---	0.0	0.0	0.4	3.0	3.0	3.0	3.0
15	---	---	---	---	---	0.0	0.0	0.6	3.0	3.0	2.6	3.0
16	---	---	---	---	---	0.0	0.0	0.9	3.0	3.0	2.1	3.0
17	---	---	---	---	---	0.0	0.0	1.1	3.0	3.0	1.7	3.0
18	---	---	---	---	---	0.0	0.0	1.3	3.0	3.0	1.3	3.0
19	---	---	---	---	---	0.0	0.0	1.5	3.0	3.0	0.9	3.0
20	---	---	---	---	---	0.0	0.4	1.7	3.0	3.0	0.4	2.6
21	---	---	---	---	---	0.4	0.9	1.9	3.0	3.0	0.0	2.1
22	---	---	---	---	---	0.8	1.3	2.1	3.0	3.0	0.0	1.7
23	---	---	---	---	---	1.1	1.7	2.4	3.0	3.0	0.0	1.3
24	---	---	---	---	---	1.5	2.1	2.6	3.0	3.0	0.0	0.9
25	---	---	---	---	---	1.9	2.6	2.8	3.0	3.0	0.0	0.4
26	---	---	---	---	---	2.3	3.0	3.0	3.0	3.0	0.0	0.0
27	---	---	---	---	---	2.6	3.0	3.0	3.0	3.0	0.0	0.0
28	---	---	---	---	---	3.0	3.0	3.0	3.0	3.0	0.0	0.0
29	---	---	---	---	---	3.0	3.0	3.0	3.0	3.0	0.0	0.0
30	---	---	---	---	---	3.0	3.0	3.0	3.0	3.0	0.5	0.0
31	---	---	---	---	---	---	3.0	---	3.0	3.0	---	0.0
TOTAL						20	51	47	93	93	52	61
MEAN						0.7	1.6	1.5	3.0	3.0	1.7	2.0
MAX						3.0	3.0	3.0	3.0	3.0	3.0	3.0
MIN						0.0	0.0	0.0	3.0	3.0	0.0	0.0
AC-FT						39	101	92	184	184	102	121

IRRIGATION YEAR 1998 TOTAL 416 MEAN 1 AC-FT 824

13206274 EAGLE ISLAND PARK
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1997 TO OCTOBER 1998
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	---	---	---	---	---	0.0	0.3	0.3	0.3	0.2	0.2	0.2
2	---	---	---	---	---	0.0	0.3	0.3	0.3	0.2	0.2	0.2
3	---	---	---	---	---	0.0	0.3	0.3	0.3	0.2	0.2	0.2
4	---	---	---	---	---	0.0	0.3	0.3	0.3	0.2	0.2	0.2
5	---	---	---	---	---	0.0	0.3	0.3	0.3	0.2	0.2	0.2
6	---	---	---	---	---	0.0	0.3	0.3	0.3	0.2	0.2	0.2
7	---	---	---	---	---	0.0	0.3	0.3	0.3	0.2	0.2	0.2
8	---	---	---	---	---	0.0	0.3	0.3	0.3	0.2	0.2	0.2
9	---	---	---	---	---	0.0	0.3	0.3	0.3	0.2	0.2	0.2
10	---	---	---	---	---	0.0	0.3	0.3	0.3	0.2	0.2	0.2
11	---	---	---	---	---	0.0	0.3	0.3	0.3	0.2	0.2	0.2
12	---	---	---	---	---	0.0	0.3	0.3	0.3	0.2	0.2	0.2
13	---	---	---	---	---	0.0	0.3	0.3	0.3	0.2	0.2	0.2
14	---	---	---	---	---	0.0	0.3	0.3	0.3	0.2	0.2	0.2
15	---	---	---	---	---	0.0	0.3	0.3	0.3	0.2	0.2	0.2
16	---	---	---	---	---	0.3	0.3	0.3	0.3	0.2	0.2	0.0
17	---	---	---	---	---	0.3	0.3	0.3	0.3	0.2	0.2	0.0
18	---	---	---	---	---	0.3	0.3	0.3	0.3	0.2	0.2	0.0
19	---	---	---	---	---	0.3	0.3	0.3	0.3	0.2	0.2	0.0
20	---	---	---	---	---	0.3	0.3	0.3	0.3	0.2	0.2	0.0
21	---	---	---	---	---	0.3	0.3	0.3	0.3	0.2	0.2	0.0
22	---	---	---	---	---	0.3	0.3	0.3	0.3	0.2	0.2	0.0
23	---	---	---	---	---	0.3	0.3	0.3	0.3	0.2	0.2	0.0
24	---	---	---	---	---	0.3	0.3	0.3	0.3	0.2	0.2	0.0
25	---	---	---	---	---	0.3	0.3	0.3	0.3	0.2	0.2	0.0
26	---	---	---	---	---	0.3	0.3	0.3	0.3	0.2	0.2	0.0
27	---	---	---	---	---	0.3	0.3	0.3	0.3	0.2	0.2	0.0
28	---	---	---	---	---	0.3	0.3	0.3	0.3	0.2	0.2	0.0
29	---	---	---	---	---	0.3	0.3	0.3	0.3	0.2	0.2	0.0
30	---	---	---	---	---	0.3	0.3	0.3	0.3	0.2	0.2	0.0
31	---	---	---	---	---	---	0.3	---	0.3	0.2	0.2	0.0
TOTAL						5	9	9	9	6	6	3
MEAN						0.2	0.3	0.3	0.3	0.2	0.2	0.1
MAX						0.3	0.3	0.3	0.3	0.2	0.2	0.2
MIN						0.0	0.3	0.3	0.3	0.2	0.2	0.0
AC-FT						9	18	18	18	12	12	6
IRRIGATION YEAR 1998			TOTAL	47	MEAN	0	AC-FT	93				

13206290 THOMAS AIKEN CANAL
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1997 TO OCTOBER 1998
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	---	---	---	---	---	0.0	3.0	3.0	4.0	3.0	3.0	3.0
2	---	---	---	---	---	0.0	3.0	2.7	4.0	3.0	3.0	3.0
3	---	---	---	---	---	0.0	3.0	2.5	4.0	3.0	3.0	3.0
4	---	---	---	---	---	0.0	3.0	2.2	4.0	3.0	3.0	3.0
5	---	---	---	---	---	0.0	3.0	1.9	4.0	3.0	3.0	3.0
6	---	---	---	---	---	0.0	2.6	1.6	4.0	3.0	3.0	3.0
7	---	---	---	---	---	0.0	2.1	1.4	4.0	3.0	3.0	3.0
8	---	---	---	---	---	0.0	1.7	1.1	4.0	3.0	3.0	3.0
9	---	---	---	---	---	0.0	1.3	0.8	4.0	3.0	3.0	3.0
10	---	---	---	---	---	0.0	0.9	0.5	4.0	3.0	3.0	3.0
11	---	---	---	---	---	0.0	0.4	0.3	4.0	3.0	3.0	3.0
12	---	---	---	---	---	0.0	0.0	0.0	4.0	3.0	3.0	3.0
13	---	---	---	---	---	0.0	0.7	0.0	4.0	3.0	3.0	3.0
14	---	---	---	---	---	0.0	1.4	0.0	4.0	3.0	3.0	3.0
15	---	---	---	---	---	0.0	2.1	0.0	4.0	3.0	3.0	3.0
16	---	---	---	---	---	0.0	2.9	0.0	4.0	3.0	3.0	3.0
17	---	---	---	---	---	0.0	3.6	0.0	4.0	3.0	3.0	3.0
18	---	---	---	---	---	0.0	4.3	0.0	4.0	3.0	3.0	3.0
19	---	---	---	---	---	0.0	5.0	0.0	4.0	3.0	3.0	3.0
20	---	---	---	---	---	0.0	4.7	0.0	4.0	3.0	3.0	3.0
21	---	---	---	---	---	0.0	4.4	1.3	3.9	3.0	3.0	3.0
22	---	---	---	---	---	0.4	4.1	2.7	3.7	3.0	3.0	3.0
23	---	---	---	---	---	0.9	3.9	4.0	3.6	3.0	3.0	3.0
24	---	---	---	---	---	1.3	3.6	4.0	3.4	3.0	3.0	0.0
25	---	---	---	---	---	1.7	3.3	4.0	3.3	3.0	3.0	0.0
26	---	---	---	---	---	2.1	3.0	4.0	3.1	3.0	3.0	0.0
27	---	---	---	---	---	2.6	3.0	4.0	3.0	3.0	3.0	0.0
28	---	---	---	---	---	3.0	3.0	4.0	3.0	3.0	3.0	0.0
29	---	---	---	---	---	3.0	3.0	4.0	3.0	3.0	3.0	0.0
30	---	---	---	---	---	3.0	3.0	4.0	3.0	3.0	3.0	0.0
31	---	---	---	---	---	---	3.0	---	3.0	3.0	---	0.0
TOTAL						18	86	54	116	93	90	69
MEAN						0.6	2.8	1.8	3.7	3.0	3.0	2.2
MAX						3.0	5.0	4.0	4.0	3.0	3.0	3.0
MIN						0.0	0.0	0.0	3.0	3.0	3.0	0.0
AC-FT						36	171	107	230	184	179	137
IRRIGATION YEAR 1998			TOTAL	526	MEAN	1	AC-FT	1043				

13206292 MACE-CATLIN CANAL
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1997 TO OCTOBER 1998
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	---	---	---	---	---	0.0	6.7	7.0	7.0	6.0	4.8	4.0
2	---	---	---	---	---	0.0	6.8	6.7	7.0	6.0	4.7	4.0
3	---	---	---	---	---	0.0	7.0	6.4	7.0	6.0	4.5	4.0
4	---	---	---	---	---	0.0	6.8	6.1	7.0	6.0	4.3	4.0
5	---	---	---	---	---	0.0	6.5	5.9	7.0	5.7	4.2	4.0
6	---	---	---	---	---	0.0	6.3	5.6	7.0	5.3	4.0	4.0
7	---	---	---	---	---	0.0	6.0	5.3	7.0	5.0	4.1	4.0
8	---	---	---	---	---	0.0	5.8	5.0	7.0	4.7	4.2	4.0
9	---	---	---	---	---	0.0	5.5	5.0	7.0	4.3	4.2	4.0
10	---	---	---	---	---	0.0	5.3	5.0	7.0	4.0	4.3	4.0
11	---	---	---	---	---	0.0	5.0	5.0	7.0	4.0	4.4	4.0
12	---	---	---	---	---	0.0	5.3	5.0	7.0	4.2	4.5	4.0
13	---	---	---	---	---	0.0	5.6	5.0	7.0	4.3	4.5	4.0
14	---	---	---	---	---	0.7	5.9	5.0	7.0	4.5	4.6	4.0
15	---	---	---	---	---	1.4	6.1	5.0	7.0	4.7	4.7	4.0
16	---	---	---	---	---	2.1	6.4	5.0	7.0	4.8	4.8	4.0
17	---	---	---	---	---	2.9	6.7	5.0	7.0	5.0	4.8	4.0
18	---	---	---	---	---	3.6	7.0	5.0	7.0	5.0	4.9	4.0
19	---	---	---	---	---	4.3	6.7	5.0	7.0	5.2	5.0	4.0
20	---	---	---	---	---	5.0	6.4	5.0	7.0	5.3	4.9	0.0
21	---	---	---	---	---	5.1	6.1	5.0	6.9	5.5	4.7	0.0
22	---	---	---	---	---	5.3	5.9	5.0	6.7	5.7	4.6	0.0
23	---	---	---	---	---	5.4	5.6	5.3	6.6	5.8	4.4	0.0
24	---	---	---	---	---	5.6	5.3	5.6	6.4	6.0	4.3	0.0
25	---	---	---	---	---	5.7	5.0	5.9	6.3	6.0	4.1	0.0
26	---	---	---	---	---	5.9	5.3	6.1	6.1	5.8	4.0	0.0
27	---	---	---	---	---	6.0	5.6	6.4	6.0	5.7	4.0	0.0
28	---	---	---	---	---	6.2	5.9	6.7	6.0	5.5	4.0	0.0
29	---	---	---	---	---	6.3	6.1	7.0	6.0	5.3	4.0	0.0
30	---	---	---	---	---	6.5	6.4	7.0	6.0	5.2	4.0	0.0
31	---	---	---	---	---	---	6.7	---	6.0	5.0	---	0.0
TOTAL						78	188	168	209	162	133	76
MEAN						2.6	6.1	5.6	6.7	5.2	4.4	2.5
MAX						6.5	7.0	7.0	7.0	6.0	5.0	4.0
MIN						0.0	5.0	5.0	6.0	4.0	4.0	0.0
AC-FT						155	372	333	415	320	263	151
IRRIGATION YEAR 1998			TOTAL	1013	MEAN	3	AC-FT	2008				

13206295 RACE-MADE CANAL
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1997 TO OCTOBER 1998
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	---	---	---	---	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2	---	---	---	---	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	---	---	---	---	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4	---	---	---	---	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	---	---	---	---	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6	---	---	---	---	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	---	---	---	---	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8	---	---	---	---	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9	---	---	---	---	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	---	---	---	---	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11	---	---	---	---	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12	---	---	---	---	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13	---	---	---	---	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14	---	---	---	---	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15	---	---	---	---	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16	---	---	---	---	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17	---	---	---	---	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18	---	---	---	---	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19	---	---	---	---	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20	---	---	---	---	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21	---	---	---	---	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22	---	---	---	---	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23	---	---	---	---	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24	---	---	---	---	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25	---	---	---	---	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26	---	---	---	---	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27	---	---	---	---	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28	---	---	---	---	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29	---	---	---	---	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30	---	---	---	---	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31	---	---	---	---	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TOTAL						0	0	0	0	0	0	0
MEAN						0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAX						0.0	0.0	0.0	0.0	0.0	0.0	0.0
MIN						0.0	0.0	0.0	0.0	0.0	0.0	0.0
AC-FT						0	0	0	0	0	0	0
			TOTAL	0	MEAN	0	AC-FT	0				
			IRRIGATION YEAR 1998									

B-JAN-99

13206308 WROTEN PUMP
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1997 TO OCTOBER 1998
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	---	---	---	---	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2	---	---	---	---	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	---	---	---	---	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4	---	---	---	---	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	---	---	---	---	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6	---	---	---	---	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	---	---	---	---	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8	---	---	---	---	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9	---	---	---	---	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	---	---	---	---	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11	---	---	---	---	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12	---	---	---	---	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13	---	---	---	---	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14	---	---	---	---	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15	---	---	---	---	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16	---	---	---	---	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17	---	---	---	---	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18	---	---	---	---	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19	---	---	---	---	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20	---	---	---	---	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21	---	---	---	---	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22	---	---	---	---	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23	---	---	---	---	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24	---	---	---	---	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25	---	---	---	---	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26	---	---	---	---	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27	---	---	---	---	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28	---	---	---	---	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29	---	---	---	---	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30	---	---	---	---	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31	---	---	---	---	---	---	0.0	---	0.0	0.0	0.0	0.0
TOTAL						0	0	0	0	0	0	0
MEAN						0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAX						0.0	0.0	0.0	0.0	0.0	0.0	0.0
MIN						0.0	0.0	0.0	0.0	0.0	0.0	0.0
AC-FT						0	0	0	0	0	0	0
IRRIGATION YEAR 1998	TOTAL 0 MEAN 0 AC-FT 0											

A-54

8-JAN-99

13208450 HART-DAVIS CANAL
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1997 TO OCTOBER 1998
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	---	---	---	---	---	0.0	7.9	9.0	7.3	8.0	7.0	7.0
2	---	---	---	---	---	0.0	8.1	9.0	7.7	8.0	7.0	7.0
3	---	---	---	---	---	0.0	8.4	9.0	8.0	8.0	7.0	7.0
4	---	---	---	---	---	0.0	8.7	9.0	8.3	8.0	7.0	7.0
5	---	---	---	---	---	0.0	9.0	9.0	8.7	7.8	7.0	7.0
6	---	---	---	---	---	0.0	8.6	9.0	9.0	7.7	7.0	7.0
7	---	---	---	---	---	0.0	8.1	9.0	9.0	7.5	7.0	7.0
8	---	---	---	---	---	0.0	7.7	8.9	9.0	7.3	7.0	7.0
9	---	---	---	---	---	0.0	7.3	8.8	9.0	7.2	7.0	7.0
10	---	---	---	---	---	0.0	6.9	8.7	9.0	7.0	7.0	7.0
11	---	---	---	---	---	0.0	6.4	8.6	9.0	7.0	7.0	7.0
12	---	---	---	---	---	0.0	6.0	8.4	9.0	7.0	7.0	7.0
13	---	---	---	---	---	0.0	6.0	8.3	9.0	7.0	7.0	6.0
14	---	---	---	---	---	0.0	6.0	8.2	9.0	7.0	7.0	5.0
15	---	---	---	---	---	1.0	6.0	8.1	8.8	7.0	7.0	4.0
16	---	---	---	---	---	2.0	6.0	8.0	8.7	7.0	7.0	3.0
17	---	---	---	---	---	3.0	6.0	7.8	8.5	7.0	7.0	2.0
18	---	---	---	---	---	4.0	6.0	7.5	8.3	7.0	7.0	1.0
19	---	---	---	---	---	5.0	6.0	7.3	8.2	7.0	7.0	0.0
20	---	---	---	---	---	6.0	6.0	7.0	8.0	7.0	7.0	0.0
21	---	---	---	---	---	7.0	6.6	6.8	8.0	7.0	7.0	0.0
22	---	---	---	---	---	7.0	7.2	6.5	8.0	7.0	7.0	0.0
23	---	---	---	---	---	7.0	7.8	6.3	8.0	7.0	7.0	0.0
24	---	---	---	---	---	7.0	8.4	6.0	8.0	7.0	7.0	0.0
25	---	---	---	---	---	7.0	9.0	6.2	8.0	7.0	7.0	0.0
26	---	---	---	---	---	7.0	9.0	6.3	8.0	7.0	7.0	0.0
27	---	---	---	---	---	7.0	9.0	6.5	8.0	7.0	7.0	0.0
28	---	---	---	---	---	7.0	9.0	6.7	8.0	7.0	7.0	0.0
29	---	---	---	---	---	7.3	9.0	6.8	8.0	7.0	7.0	0.0
30	---	---	---	---	---	7.6	9.0	7.0	8.0	7.0	7.0	0.0
31	---	---	---	---	---	---	9.0	---	8.0	7.0	---	0.0
TOTAL						92	234	234	260	224	210	105
MEAN						3.1	7.6	7.8	8.4	7.2	7.0	3.4
MAX						7.6	9.0	9.0	9.0	8.0	7.0	7.0
MIN						0.0	6.0	6.0	7.3	7.0	7.0	0.0
AC-FT						182	464	464	515	443	417	208
IRRIGATION YEAR 1998			TOTAL	1358	MEAN	4	AC-FT	2692				

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B-JAN-99

13208710 MIDDLETON CANAL
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1997 TO OCTOBER 1998
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	---	---	---	---	---	0.0	145	110	153	165	113	90
2	---	---	---	---	---	0.0	144	109	155	165	111	90
3	---	---	---	---	---	0.0	143	108	157	165	109	90
4	---	---	---	---	---	0.0	142	109	159	165	108	90
5	---	---	---	---	---	0.0	141	111	160	153	106	89
6	---	---	---	---	---	0.0	140	112	162	153	105	89
7	---	---	---	---	---	0.0	138	113	164	153	104	89
8	---	---	---	---	---	0.0	137	114	164	153	102	89
9	---	---	---	---	---	0.0	136	116	164	153	101	89
10	---	---	---	---	---	0.0	135	117	165	153	100	84
11	---	---	---	---	---	0.0	133	118	165	153	99	80
12	---	---	---	---	---	0.0	132	120	165	153	99	75
13	---	---	---	---	---	0.0	131	121	166	150	98	70
14	---	---	---	---	---	83	129	122	166	147	97	65
15	---	---	---	---	---	88	128	123	166	145	96	61
16	---	---	---	---	---	92	127	125	166	142	95	56
17	---	---	---	---	---	97	126	126	167	139	95	51
18	---	---	---	---	---	102	124	131	167	136	94	51
19	---	---	---	---	---	106	123	136	167	136	93	51
20	---	---	---	---	---	111	122	141	168	134	92	51
21	---	---	---	---	---	116	121	146	168	132	91	50
22	---	---	---	---	---	120	120	151	167	131	91	50
23	---	---	---	---	---	125	119	156	167	129	90	50
24	---	---	---	---	---	129	118	161	166	127	89	50
25	---	---	---	---	---	134	117	160	166	125	89	47
26	---	---	---	---	---	139	116	159	165	125	89	43
27	---	---	---	---	---	143	115	158	165	123	90	40
28	---	---	---	---	---	148	114	156	164	121	90	37
29	---	---	---	---	---	147	113	155	164	119	90	33
30	---	---	---	---	---	146	112	154	164	117	90	30
31	---	---	---	---	---	---	111	---	164	115	---	0.0
TOTAL						2026	3952	3938	5086	4375	2916	1929
MEAN						68	127	131	164	141	97	62
MAX						148	145	161	168	165	113	90
MIN						0.0	111	108	153	115	89	0.0
AC-FT						4018	7839	7811	10088	8678	5784	3826
IRRIGATION YEAR 1998			TOTAL	24221	MEAN	66	AC-FT	48042				

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13208738 BARBER PUMPS
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1997 TO OCTOBER 1998
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	---	---	---	---	---	0.0	0.0	0.0	0.0	0.7	0.0	0.0
2	---	---	---	---	---	0.0	0.0	0.0	0.0	0.7	0.0	0.0
3	---	---	---	---	---	0.0	0.0	0.0	0.0	0.7	0.0	0.0
4	---	---	---	---	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	---	---	---	---	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6	---	---	---	---	---	0.0	0.0	0.0	0.0	0.7	0.0	0.0
7	---	---	---	---	---	0.0	0.0	0.0	0.0	0.7	0.0	0.0
8	---	---	---	---	---	0.0	0.0	0.0	0.0	0.7	0.0	0.0
9	---	---	---	---	---	0.0	0.0	0.0	0.7	0.7	0.0	0.0
10	---	---	---	---	---	0.0	0.0	0.0	0.7	0.7	0.0	0.0
11	---	---	---	---	---	0.0	0.0	0.0	0.7	0.0	0.0	0.0
12	---	---	---	---	---	0.0	0.0	0.0	0.7	0.0	0.0	0.0
13	---	---	---	---	---	0.0	0.0	0.0	0.7	0.7	0.0	0.0
14	---	---	---	---	---	0.0	0.0	0.0	0.0	0.7	0.0	0.0
15	---	---	---	---	---	0.0	0.0	0.0	0.0	0.7	0.0	0.0
16	---	---	---	---	---	0.0	0.0	0.0	0.7	0.7	0.0	0.0
17	---	---	---	---	---	0.0	0.0	0.0	0.7	0.7	0.0	0.0
18	---	---	---	---	---	0.0	0.0	0.0	0.7	0.0	0.0	0.0
19	---	---	---	---	---	0.0	0.0	0.0	0.7	0.0	0.0	0.0
20	---	---	---	---	---	0.0	0.0	0.0	0.7	0.7	0.0	0.0
21	---	---	---	---	---	0.0	0.0	0.0	0.0	0.7	0.0	0.0
22	---	---	---	---	---	0.0	0.0	0.0	0.0	0.7	0.0	0.0
23	---	---	---	---	---	0.0	0.0	0.0	0.7	0.7	0.0	0.0
24	---	---	---	---	---	0.0	0.0	0.0	0.7	0.7	0.0	0.0
25	---	---	---	---	---	0.0	0.0	0.0	0.7	0.0	0.0	0.0
26	---	---	---	---	---	0.0	0.0	0.0	0.7	0.0	0.0	0.0
27	---	---	---	---	---	0.0	0.0	0.0	0.7	0.0	0.0	0.0
28	---	---	---	---	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29	---	---	---	---	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30	---	---	---	---	---	0.0	0.0	0.0	0.7	0.0	0.0	0.0
31	---	---	---	---	---	---	0.0	---	0.7	0.0	---	0.0
TOTAL						0	0	0	12	13	0	0
MEAN						0.0	0.0	0.0	0.4	0.4	0.0	0.0
MAX						0.0	0.0	0.0	0.7	0.7	0.0	0.0
MIN						0.0	0.0	0.0	0.0	0.0	0.0	0.0
AC-FT						0	0	0	24	25	0	0
IRRIGATION YEAR 1998			TOTAL	24	MEAN	0	AC-FT	48				

13208740 SEVEN SUCKERS CANAL
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1997 TO OCTOBER 1998
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	1.0	1.0	1.0	1.0	1.0	0.0	1.2	1.2	1.2	1.2	1.0	1.0
2	1.0	1.0	1.0	1.0	1.0	0.0	1.2	1.2	1.2	1.2	1.0	1.0
3	1.0	1.0	1.0	1.0	1.0	0.0	1.2	1.2	1.2	1.2	1.0	1.0
4	1.0	1.0	1.0	1.0	1.0	0.0	1.2	1.2	1.2	1.2	1.0	1.0
5	1.0	1.0	1.0	1.0	1.0	0.0	1.2	1.2	1.2	1.2	1.0	1.0
6	1.0	1.0	1.0	1.0	1.0	0.0	1.2	1.2	1.2	1.2	1.0	1.0
7	1.0	1.0	1.0	1.0	1.0	0.0	1.2	1.2	1.2	1.2	1.0	1.0
8	1.0	1.0	1.0	1.0	1.0	0.0	1.2	1.2	1.2	1.2	1.0	1.0
9	1.0	1.0	1.0	1.0	1.0	0.0	1.2	1.2	1.2	1.2	1.0	1.0
10	1.0	1.0	1.0	1.0	1.0	0.0	1.2	1.2	1.2	1.2	1.0	1.0
11	1.0	1.0	1.0	1.0	1.0	0.0	1.2	1.2	1.2	1.2	1.0	1.0
12	1.0	1.0	1.0	1.0	1.0	0.0	1.2	1.2	1.2	1.2	1.0	1.0
13	1.0	1.0	1.0	1.0	1.0	0.0	1.2	1.2	1.2	1.2	1.0	1.0
14	1.0	1.0	1.0	1.0	1.0	0.0	1.2	1.2	1.2	1.2	1.0	1.0
15	1.0	1.0	1.0	1.0	1.0	0.0	1.2	1.2	1.2	1.2	1.0	1.0
16	1.0	1.0	1.0	1.0	1.0	0.0	1.2	1.2	1.2	1.2	1.0	0.0
17	1.0	1.0	1.0	1.0	1.0	0.0	1.2	1.2	1.2	1.2	1.0	0.0
18	1.0	1.0	1.0	1.0	1.0	0.0	1.2	1.2	1.2	1.2	1.0	0.0
19	1.0	1.0	1.0	1.0	1.0	0.0	1.2	1.2	1.2	1.2	1.0	0.0
20	1.0	1.0	1.0	1.0	1.0	0.0	1.2	1.2	1.2	1.2	1.0	0.0
21	1.0	1.0	1.0	1.0	1.0	0.0	1.2	1.2	1.2	1.2	1.0	0.0
22	1.0	1.0	1.0	1.0	1.0	0.0	1.2	1.2	1.2	1.2	1.0	0.0
23	1.0	1.0	1.0	1.0	1.0	0.0	1.2	1.2	1.2	1.2	1.0	0.0
24	1.0	1.0	1.0	1.0	1.0	0.0	1.2	1.2	1.2	1.2	1.0	0.0
25	1.0	1.0	1.0	1.0	1.0	0.0	1.2	1.2	1.2	1.2	1.0	0.0
26	1.0	1.0	1.0	1.0	1.0	0.0	1.2	1.2	1.2	1.2	1.0	0.0
27	1.0	1.0	1.0	1.0	1.0	0.0	1.2	1.2	1.2	1.2	1.0	0.0
28	1.0	1.0	1.0	1.0	1.0	1.2	1.2	1.2	1.2	1.1	1.0	0.0
29	1.0	1.0	1.0	---	1.0	1.2	1.2	1.2	1.2	1.1	1.0	0.0
30	1.0	1.0	1.0	---	1.0	1.2	1.2	1.2	1.2	1.1	1.0	0.0
31	---	1.0	1.0	---	1.0	---	1.2	1.2	1.2	1.1	1.0	0.0
TOTAL	30	31	31	28	31	4	37	36	37	37	30	15
MEAN	1.0	1.0	1.0	1.0	1.0	0.1	1.2	1.2	1.2	1.2	1.0	0.5
MAX	1.0	1.0	1.0	1.0	1.0	1.2	1.2	1.2	1.2	1.2	1.0	1.0
MIN	1.0	1.0	1.0	1.0	1.0	0.0	1.2	1.2	1.2	1.2	1.0	0.0
AC-FT	60	61	61	56	61	7	74	71	74	73	60	30
IRRIGATION YEAR 1998	TOTAL		347		MEAN		1	AC-FT		687		

Must be an error

13209480 PHYLLIS CANAL
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1997 TO OCTOBER 1998
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	---	---	---	---	---	0.0	439	226	419	495	422	286
2	---	---	---	---	---	0.0	447	205	423	493	416	286
3	---	---	---	---	---	0.0	455	184	426	492	410	286
4	---	---	---	---	---	0.0	463	213	430	491	407	286
5	---	---	---	---	---	0.0	471	241	434	491	404	285
6	---	---	---	---	---	0.0	468	270	437	487	402	285
7	---	---	---	---	---	0.0	466	299	441	482	399	285
8	---	---	---	---	---	200	463	327	441	478	396	285
9	---	---	---	---	---	211	461	356	451	473	393	285
10	---	---	---	---	---	221	458	355	462	469	384	100
11	---	---	---	---	---	232	456	354	472	464	375	0.0
12	---	---	---	---	---	243	453	353	482	464	367	0.0
13	---	---	---	---	---	253	448	353	493	462	358	0.0
14	---	---	---	---	---	264	442	352	503	459	349	0.0
15	---	---	---	---	---	274	437	351	503	457	345	0.0
16	---	---	---	---	---	285	431	350	501	454	341	0.0
17	---	---	---	---	---	296	426	349	500	452	337	0.0
18	---	---	---	---	---	306	420	364	498	449	333	0.0
19	---	---	---	---	---	317	415	380	496	449	330	0.0
20	---	---	---	---	---	327	406	395	495	450	326	0.0
21	---	---	---	---	---	338	397	410	493	452	322	0.0
22	---	---	---	---	---	349	388	425	494	453	318	0.0
23	---	---	---	---	---	359	379	441	494	454	314	0.0
24	---	---	---	---	---	370	370	456	495	456	310	0.0
25	---	---	---	---	---	381	361	457	496	457	305	0.0
26	---	---	---	---	---	391	352	458	497	457	300	0.0
27	---	---	---	---	---	402	331	460	497	451	296	0.0
28	---	---	---	---	---	412	310	461	498	445	291	0.0
29	---	---	---	---	---	423	289	462	498	439	286	0.0
30	---	---	---	---	---	431	268	463	497	434	286	0.0
31	---	---	---	---	---	---	247	---	496	428	---	0.0
TOTAL						7284	12617	10769	14762	14334	10521	2669
MEAN						243	407	359	476	462	351	86
MAX						431	471	463	503	495	422	286
MIN						0.0	247	184	419	428	286	0.0
AC-FT						14448	25026	21361	29279	28431	20868	5293
IRRIGATION YEAR 1998			TOTAL	72955	MEAN	200	AC-FT	144705				

13209482 EUREKA #1 CANAL (INCLUDED IN PHYLIS)
 DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1997 TO OCTOBER 1998
 MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	---	---	---	---	---	0.0	21	27	28	32	25	19
2	---	---	---	---	---	0.0	21	27	29	31	25	19
3	---	---	---	---	---	0.0	21	27	29	31	24	19
4	---	---	---	---	---	0.0	20	27	30	31	24	19
5	---	---	---	---	---	0.0	20	27	30	31	24	19
6	---	---	---	---	---	0.0	21	27	31	31	24	19
7	---	---	---	---	---	0.0	21	27	31	30	24	19
8	---	---	---	---	---	0.0	22	27	31	30	24	19
9	---	---	---	---	---	0.0	22	26	31	30	24	0.0
10	---	---	---	---	---	0.0	23	26	30	29	24	0.0
11	---	---	---	---	---	0.0	23	26	30	29	24	0.0
12	---	---	---	---	---	0.0	24	26	29	29	24	0.0
13	---	---	---	---	---	0.0	24	26	29	29	24	0.0
14	---	---	---	---	---	0.0	25	26	28	28	24	0.0
15	---	---	---	---	---	0.0	26	26	28	28	24	0.0
16	---	---	---	---	---	0.0	26	26	29	28	23	0.0
17	---	---	---	---	---	0.0	26	27	29	27	23	0.0
18	---	---	---	---	---	0.0	26	27	30	27	23	0.0
19	---	---	---	---	---	0.0	26	28	31	27	23	0.0
20	---	---	---	---	---	0.0	26	29	31	27	23	0.0
21	---	---	---	---	---	2.4	26	29	32	26	23	0.0
22	---	---	---	---	---	4.9	26	30	32	26	23	0.0
23	---	---	---	---	---	7.3	27	30	32	26	21	0.0
24	---	---	---	---	---	9.8	27	31	32	25	19	0.0
25	---	---	---	---	---	12	27	31	32	25	19	0.0
26	---	---	---	---	---	15	27	30	32	25	19	0.0
27	---	---	---	---	---	17	27	30	32	25	19	0.0
28	---	---	---	---	---	20	27	29	32	25	19	0.0
29	---	---	---	---	---	22	27	29	32	25	19	0.0
30	---	---	---	---	---	22	27	28	32	25	19	0.0
31	---	---	---	---	---	---	27	---	32	25	---	0.0
TOTAL						132	757	831	943	862	677	152
MEAN						4.4	24	28	30	28	23	4.9
MAX						22	27	31	32	32	25	19
MIN						0.0	20	26	28	25	19	0.0
AC-FT						261	1502	1649	1869	1709	1342	301
IRRIGATION YEAR 1998			TOTAL	4353	MEAN	12	AC-FT	8634				

8-JAN-99

13209630 LITTLE PIONEER CANAL
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1997 TO OCTOBER 1998
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	---	---	---	---	---	0.0	16	20	21	24	19	19
2	---	---	---	---	---	0.0	17	20	21	23	19	19
3	---	---	---	---	---	0.0	17	20	21	23	19	19
4	---	---	---	---	---	0.0	18	19	20	22	19	19
5	---	---	---	---	---	0.0	18	19	20	22	19	19
6	---	---	---	---	---	0.0	18	19	20	22	19	19
7	---	---	---	---	---	0.0	17	19	20	22	19	19
8	---	---	---	---	---	0.0	17	18	20	22	19	19
9	---	---	---	---	---	0.0	16	18	21	21	19	19
10	---	---	---	---	---	0.0	16	18	23	21	19	19
11	---	---	---	---	---	0.0	15	18	24	21	19	19
12	---	---	---	---	---	0.0	15	18	25	21	19	19
13	---	---	---	---	---	0.0	15	18	27	21	19	0.0
14	---	---	---	---	---	0.0	15	18	28	20	19	0.0
15	---	---	---	---	---	0.0	15	18	28	20	19	0.0
16	---	---	---	---	---	0.0	15	18	28	20	19	0.0
17	---	---	---	---	---	0.0	15	18	27	19	19	0.0
18	---	---	---	---	---	0.0	15	19	27	19	19	0.0
19	---	---	---	---	---	0.0	15	19	27	19	19	0.0
20	---	---	---	---	---	0.0	16	20	26	19	19	0.0
21	---	---	---	---	---	0.0	16	20	26	19	19	0.0
22	---	---	---	---	---	2.1	17	21	26	19	19	0.0
23	---	---	---	---	---	4.3	18	21	26	19	19	0.0
24	---	---	---	---	---	6.4	19	21	26	19	19	0.0
25	---	---	---	---	---	8.6	19	21	25	19	19	0.0
26	---	---	---	---	---	11	20	21	25	19	19	0.0
27	---	---	---	---	---	13	20	21	25	19	19	0.0
28	---	---	---	---	---	15	20	21	25	19	19	0.0
29	---	---	---	---	---	15	20	21	25	19	19	0.0
30	---	---	---	---	---	16	20	21	25	19	19	0.0
31	---	---	---	---	---	---	20	---	24	19	---	0.0
TOTAL						91	530	583	752	629	570	228
MEAN						3.0	17	19	24	20	19	7.4
MAX						16	20	21	28	24	19	19
MIN						0.0	15	18	20	19	19	0.0
AC-FT						181	1051	1156	1491	1247	1131	452

IRRIGATION YEAR 1998 TOTAL 3382 MEAN 9 AC-FT 6708

13209990 CANYON COUNTY CANAL
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1997 TO OCTOBER 1998
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	---	---	---	---	---	0.0	59	51	43	75	56	50
2	---	---	---	---	---	0.0	63	53	45	74	56	50
3	---	---	---	---	---	0.0	66	52	48	73	56	49
4	---	---	---	---	---	0.0	70	51	50	72	56	48
5	---	---	---	---	---	0.0	73	50	52	72	56	48
6	---	---	---	---	---	0.0	71	49	55	71	56	47
7	---	---	---	---	---	0.0	69	48	57	70	55	47
8	---	---	---	---	---	0.0	67	47	57	70	55	46
9	---	---	---	---	---	0.0	66	46	60	69	55	46
10	---	---	---	---	---	0.0	64	45	63	68	54	45
11	---	---	---	---	---	0.0	62	46	66	67	54	45
12	---	---	---	---	---	0.0	60	47	69	63	53	44
13	---	---	---	---	---	0.0	59	48	72	62	53	44
14	---	---	---	---	---	0.0	58	49	75	62	53	43
15	---	---	---	---	---	0.0	57	50	75	61	53	43
16	---	---	---	---	---	0.0	56	51	75	60	54	43
17	---	---	---	---	---	0.0	55	50	74	60	54	43
18	---	---	---	---	---	0.0	54	49	74	59	54	43
19	---	---	---	---	---	0.0	53	48	73	59	54	43
20	---	---	---	---	---	0.0	51	48	73	59	54	42
21	---	---	---	---	---	40	50	47	72	58	55	42
22	---	---	---	---	---	42	48	46	73	58	55	42
23	---	---	---	---	---	43	46	45	74	58	55	42
24	---	---	---	---	---	45	44	45	75	57	54	42
25	---	---	---	---	---	46	43	45	75	57	54	42
26	---	---	---	---	---	48	41	44	76	57	53	42
27	---	---	---	---	---	49	43	44	77	57	53	41
28	---	---	---	---	---	51	44	44	78	57	52	41
29	---	---	---	---	---	52	46	44	78	57	51	41
30	---	---	---	---	---	56	48	43	77	57	51	41
31	---	---	---	---	---	---	50	---	76	57	---	0.0
TOTAL						470	1735	1425	2086	1954	1624	1323
MEAN						16	56	47	67	63	54	43
MAX						56	73	53	78	75	56	50
MIN						0.0	41	43	43	57	51	0.0
AC-FT						931	3441	2825	4137	3876	3222	2625

IRRIGATION YEAR 1998 TOTAL 10616 MEAN 29 AC-FT 21056

13210005 CALDWELL HIGHLINE CANAL
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1997 TO OCTOBER 1998
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	---	---	---	---	---	0.0	64	64	63	55	46	46
2	---	---	---	---	---	0.0	64	64	63	53	46	46
3	---	---	---	---	---	0.0	64	64	64	52	46	46
4	---	---	---	---	---	0.0	64	64	64	50	46	46
5	---	---	---	---	---	0.0	63	65	64	50	46	46
6	---	---	---	---	---	0.0	63	65	64	50	46	46
7	---	---	---	---	---	0.0	63	66	64	50	46	46
8	---	---	---	---	---	30	63	67	64	50	46	10
9	---	---	---	---	---	37	63	67	65	50	46	0.0
10	---	---	---	---	---	44	63	68	65	50	46	0.0
11	---	---	---	---	---	50	63	68	66	46	46	0.0
12	---	---	---	---	---	57	63	68	66	46	46	0.0
13	---	---	---	---	---	64	63	68	67	46	46	0.0
14	---	---	---	---	---	63	63	68	67	46	46	0.0
15	---	---	---	---	---	62	64	68	67	46	46	0.0
16	---	---	---	---	---	61	64	68	67	46	46	0.0
17	---	---	---	---	---	61	64	68	67	46	46	0.0
18	---	---	---	---	---	60	64	68	67	46	46	0.0
19	---	---	---	---	---	59	65	68	67	46	46	0.0
20	---	---	---	---	---	58	65	67	67	46	46	0.0
21	---	---	---	---	---	59	65	67	67	46	46	0.0
22	---	---	---	---	---	60	65	67	66	46	46	0.0
23	---	---	---	---	---	60	65	66	65	46	46	0.0
24	---	---	---	---	---	61	65	66	64	46	46	0.0
25	---	---	---	---	---	62	65	65	63	46	46	0.0
26	---	---	---	---	---	63	65	65	62	46	46	0.0
27	---	---	---	---	---	63	65	64	61	46	46	0.0
28	---	---	---	---	---	64	65	64	60	46	46	0.0
29	---	---	---	---	---	65	65	63	60	46	46	0.0
30	---	---	---	---	---	65	65	63	58	46	46	0.0
31	---	---	---	---	---	---	65	---	57	46	---	0.0
TOTAL						1328	1986	1984	1989	1476	1380	378
MEAN						44	64	66	64	48	46	12
MAX						65	65	68	67	55	46	46
MIN						0.0	63	63	57	46	46	0.0
AC-FT						2633	3939	3935	3945	2928	2737	750
IRRIGATION YEAR 1998			TOTAL	10521	MEAN	29	AC-FT	20867				

13210984 RIVERSIDE CANAL
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1997 TO OCTOBER 1998
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1						0.0	203	232	248	221	211	218
2						0.0	206	232	247	219	210	218
3						0.0	209	233	246	217	211	217
4						0.0	213	234	245	215	211	216
5						0.0	216	234	243	215	212	216
6						0.0	217	235	242	214	213	215
7						0.0	217	236	241	213	213	215
8						0.0	218	236	241	213	214	216
9						0.0	218	237	241	212	214	216
10						0.0	219	238	240	211	215	217
11						0.0	219	238	240	210	215	217
12						0.0	220	239	240	210	216	218
13						0.0	220	239	239	210	216	218
14						21	221	240	239	209	216	217
15						43	221	241	239	209	217	216
16						64	222	241	238	209	217	215
17						85	222	242	236	208	217	215
18						106	223	240	235	208	218	214
19						128	224	239	233	208	218	213
20						149	224	237	232	209	218	212
21						170	225	236	230	210	218	182
22						173	225	234	229	212	219	151
23						177	226	233	229	213	219	121
24						180	227	231	228	214	219	91
25						183	227	233	228	215	219	61
26						186	228	236	227	215	220	30
27						190	229	238	227	214	220	0.0
28						193	229	241	226	214	220	0.0
29						196	230	243	226	213	219	0.0
30						200	230	246	224	212	219	0.0
31						---	231	---	222	211	---	0.0
TOTAL						2443	6858	7114	7300	6581	6483	4954
MEAN						81	221	237	235	212	216	160
MAX						200	231	246	248	221	220	218
MIN						0.0	203	231	222	208	210	0.0
AC-FT						4846	13602	14110	14479	13054	12860	9827

IRRIGATION YEAR 1998 TOTAL 58848 MEAN 161 AC-FT 116725

13210992 SEBREE CANAL
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1997 TO OCTOBER 1998
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	---	---	---	---	---	0.0	216	122	235	225	224	124
2	---	---	---	---	---	0.0	220	121	235	223	225	124
3	---	---	---	---	---	0.0	224	120	236	222	226	123
4	---	---	---	---	---	0.0	227	127	236	220	222	122
5	---	---	---	---	---	0.0	231	134	236	220	218	120
6	---	---	---	---	---	0.0	224	141	237	220	214	119
7	---	---	---	---	---	0.0	218	148	237	219	210	118
8	---	---	---	---	---	0.0	211	155	237	219	206	118
9	---	---	---	---	---	0.0	204	162	238	218	203	117
10	---	---	---	---	---	0.0	198	170	238	218	199	117
11	---	---	---	---	---	0.0	191	177	239	217	195	117
12	---	---	---	---	---	0.0	184	184	239	217	191	117
13	---	---	---	---	---	0.0	178	191	240	218	187	116
14	---	---	---	---	---	0.0	171	198	240	218	183	116
15	---	---	---	---	---	23	164	205	240	219	179	115
16	---	---	---	---	---	46	158	212	239	219	175	114
17	---	---	---	---	---	69	151	219	239	220	172	113
18	---	---	---	---	---	92	144	224	238	220	169	112
19	---	---	---	---	---	114	138	228	237	220	166	111
20	---	---	---	---	---	137	131	233	237	220	162	110
21	---	---	---	---	---	160	130	237	236	219	159	0.0
22	---	---	---	---	---	183	129	242	235	219	156	0.0
23	---	---	---	---	---	187	129	246	234	219	153	0.0
24	---	---	---	---	---	190	128	251	233	218	149	0.0
25	---	---	---	---	---	194	127	249	233	218	145	0.0
26	---	---	---	---	---	198	126	246	232	218	141	0.0
27	---	---	---	---	---	202	126	244	231	219	136	0.0
28	---	---	---	---	---	205	125	242	230	220	132	0.0
29	---	---	---	---	---	209	124	240	229	221	128	0.0
30	---	---	---	---	---	213	123	237	228	222	124	0.0
31	---	---	---	---	---	---	122	---	226	223	---	0.0
TOTAL						2421	5172	5904	7298	6804	5348	2343
MEAN						81	167	197	235	219	178	76
MAX						213	231	251	240	225	226	124
MIN						0.0	122	120	226	217	124	0.0
AC-FT						4801	10259	11710	14475	13496	10608	4647

IRRIGATION YEAR 1998 TOTAL 35289 MEAN 97 AC-FT 69996

13210993 CAMPBELL CANAL
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1997 TO OCTOBER 1998
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	---	---	---	---	---	0.0	23	24	15	13	13	12
2	---	---	---	---	---	0.0	23	25	16	13	12	12
3	---	---	---	---	---	0.0	23	25	16	13	12	12
4	---	---	---	---	---	0.0	23	25	17	13	12	12
5	---	---	---	---	---	0.0	23	23	17	13	12	12
6	---	---	---	---	---	0.0	23	22	18	13	12	12
7	---	---	---	---	---	0.0	21	20	18	13	12	12
8	---	---	---	---	---	0.0	19	18	18	13	12	12
9	---	---	---	---	---	0.0	17	17	18	12	11	12
10	---	---	---	---	---	0.0	16	15	17	12	11	12
11	---	---	---	---	---	0.0	14	13	17	12	11	12
12	---	---	---	---	---	0.0	12	12	16	12	11	12
13	---	---	---	---	---	0.0	10	10	16	12	11	11
14	---	---	---	---	---	0.0	8.6	8.8	15	12	11	11
15	---	---	---	---	---	0.0	7.1	7.5	15	12	11	11
16	---	---	---	---	---	0.0	5.7	6.3	15	12	11	11
17	---	---	---	---	---	0.0	4.3	5.0	15	12	11	11
18	---	---	---	---	---	0.0	2.9	7.9	15	12	11	11
19	---	---	---	---	---	0.0	1.4	11	14	12	11	11
20	---	---	---	---	---	0.0	0.0	14	14	12	11	11
21	---	---	---	---	---	0.0	3.3	16	14	13	11	0.0
22	---	---	---	---	---	2.9	6.6	19	14	13	11	0.0
23	---	---	---	---	---	5.8	9.9	22	14	13	11	0.0
24	---	---	---	---	---	8.6	13	25	14	14	11	0.0
25	---	---	---	---	---	12	16	24	13	14	12	0.0
26	---	---	---	---	---	14	20	22	13	14	12	0.0
27	---	---	---	---	---	17	23	21	13	14	12	0.0
28	---	---	---	---	---	20	23	19	13	14	12	0.0
29	---	---	---	---	---	23	24	18	13	13	12	0.0
30	---	---	---	---	---	23	24	16	13	13	12	0.0
31	---	---	---	---	---	---	24	---	13	13	---	0.0
TOTAL						127	464	511	466	395	345	232
MEAN						4.2	15	17	15	13	12	7.5
MAX						23	24	25	18	14	13	12
MIN						0.0	0.0	5.0	13	12	11	0.0
AC-FT						251	920	1014	923	783	684	460

IRRIGATION YEAR 1998 TOTAL 2539 MEAN 7 AC-FT 5035

13210994 SIEBENBERG CANAL
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1997 TO OCTOBER 1998
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	---	---	---	---	---	0.0	9.2	8.6	8.0	6.3	6.5	6.9
2	---	---	---	---	---	0.0	9.4	8.3	8.0	6.5	6.4	6.8
3	---	---	---	---	---	0.0	9.5	8.0	8.0	6.7	6.3	6.8
4	---	---	---	---	---	0.0	9.7	8.0	8.0	6.8	6.2	6.7
5	---	---	---	---	---	0.0	9.8	8.0	8.0	7.0	6.1	6.7
6	---	---	---	---	---	0.0	10	8.0	8.0	7.0	6.0	6.6
7	---	---	---	---	---	0.0	9.3	8.0	8.0	7.0	6.0	6.6
8	---	---	---	---	---	0.0	8.6	8.0	8.0	7.0	6.0	6.5
9	---	---	---	---	---	0.0	7.9	8.0	8.0	7.0	6.0	6.5
10	---	---	---	---	---	0.0	7.1	8.0	8.0	7.0	6.0	6.5
11	---	---	---	---	---	0.0	6.4	8.3	8.0	7.0	6.0	6.4
12	---	---	---	---	---	0.0	5.7	8.6	8.0	7.0	6.0	6.4
13	---	---	---	---	---	0.0	5.0	8.9	8.0	7.0	6.0	6.3
14	---	---	---	---	---	0.0	4.3	9.1	8.0	7.0	6.0	6.3
15	---	---	---	---	---	0.0	3.6	9.4	8.0	7.0	6.0	6.2
16	---	---	---	---	---	0.0	2.9	9.7	8.0	7.0	6.0	6.2
17	---	---	---	---	---	0.0	2.1	10	7.7	7.0	6.0	6.1
18	---	---	---	---	---	0.0	1.4	8.0	7.3	7.0	6.1	6.1
19	---	---	---	---	---	0.0	0.7	8.0	7.0	7.0	6.2	6.0
20	---	---	---	---	---	0.0	0.0	8.0	6.7	7.0	6.3	6.0
21	---	---	---	---	---	0.0	1.4	8.0	6.3	7.0	6.4	0.0
22	---	---	---	---	---	0.0	2.9	8.0	6.0	7.0	6.5	0.0
23	---	---	---	---	---	8.0	4.3	8.0	6.0	7.0	6.5	0.0
24	---	---	---	---	---	8.2	5.7	8.0	6.0	7.0	6.6	0.0
25	---	---	---	---	---	8.3	7.1	8.0	6.0	7.0	6.7	0.0
26	---	---	---	---	---	8.5	8.6	8.0	6.0	7.0	6.8	0.0
27	---	---	---	---	---	8.6	10	8.0	6.0	7.0	6.9	0.0
28	---	---	---	---	---	8.8	9.7	8.0	6.0	6.9	7.0	0.0
29	---	---	---	---	---	8.9	9.4	8.0	6.0	6.8	7.0	0.0
30	---	---	---	---	---	9.1	9.1	8.0	6.0	6.7	6.9	0.0
31	---	---	---	---	---	---	8.9	---	6.2	6.6	---	0.0
TOTAL						68	200	249	223	214	189	129
MEAN						2.3	6.4	8.3	7.2	6.9	6.3	4.1
MAX						9.1	10	10	8.0	7.0	7.0	6.9
MIN						0.0	0.0	8.0	6.0	6.3	6.0	0.0
AC-FT						136	396	494	443	425	376	255

IRRIGATION YEAR 1998 TOTAL 1273 MEAN 3 AC-FT 2524

13211001 SHIPLEY PUMPS
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1997 TO OCTOBER 1998
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	---	---	---	---	---	0.2	0.2	0.2	0.2	0.2	0.2	0.2
2	---	---	---	---	---	0.2	0.2	0.2	0.2	0.2	0.2	0.2
3	---	---	---	---	---	0.2	0.2	0.2	0.2	0.2	0.2	0.2
4	---	---	---	---	---	0.2	0.2	0.2	0.2	0.2	0.2	0.2
5	---	---	---	---	---	0.2	0.2	0.2	0.2	0.2	0.2	0.2
6	---	---	---	---	---	0.2	0.2	0.2	0.2	0.2	0.2	0.2
7	---	---	---	---	---	0.2	0.2	0.2	0.2	0.2	0.2	0.2
8	---	---	---	---	---	0.2	0.2	0.2	0.2	0.2	0.2	0.2
9	---	---	---	---	---	0.2	0.2	0.2	0.2	0.2	0.2	0.2
10	---	---	---	---	---	0.2	0.2	0.2	0.2	0.2	0.2	0.2
11	---	---	---	---	---	0.2	0.2	0.2	0.2	0.2	0.2	0.2
12	---	---	---	---	---	0.2	0.2	0.2	0.2	0.2	0.2	0.2
13	---	---	---	---	---	0.2	0.2	0.2	0.2	0.2	0.2	0.2
14	---	---	---	---	---	0.2	0.2	0.2	0.2	0.2	0.2	0.2
15	---	---	---	---	---	0.2	0.2	0.2	0.2	0.2	0.2	0.2
16	---	---	---	---	---	0.2	0.2	0.2	0.2	0.2	0.2	0.0
17	---	---	---	---	---	0.2	0.2	0.2	0.2	0.2	0.2	0.0
18	---	---	---	---	---	0.2	0.2	0.2	0.2	0.2	0.2	0.0
19	---	---	---	---	---	0.2	0.2	0.2	0.2	0.2	0.2	0.0
20	---	---	---	---	---	0.2	0.2	0.2	0.2	0.2	0.2	0.0
21	---	---	---	---	---	0.2	0.2	0.2	0.2	0.2	0.2	0.0
22	---	---	---	---	---	0.2	0.2	0.2	0.2	0.2	0.2	0.0
23	---	---	---	---	---	0.2	0.2	0.2	0.2	0.2	0.2	0.0
24	---	---	---	---	---	0.2	0.2	0.2	0.2	0.2	0.2	0.0
25	---	---	---	---	---	0.2	0.2	0.2	0.2	0.2	0.2	0.0
26	---	---	---	---	---	0.2	0.2	0.2	0.2	0.2	0.2	0.0
27	---	---	---	---	---	0.2	0.2	0.2	0.2	0.2	0.2	0.0
28	---	---	---	---	---	0.2	0.2	0.2	0.2	0.2	0.2	0.0
29	---	---	---	---	---	0.2	0.2	0.2	0.2	0.2	0.2	0.0
30	---	---	---	---	---	0.2	0.2	0.2	0.2	0.2	0.2	0.0
31	---	---	---	---	---	---	0.2	---	0.2	0.2	---	0.0
TOTAL						6	6	6	6	6	6	3
MEAN						0.2	0.2	0.2	0.2	0.2	0.2	0.1
MAX						0.2	0.2	0.2	0.2	0.2	0.2	0.2
MIN						0.2	0.2	0.2	0.2	0.2	0.2	0.0
AC-FT						12	12	12	12	12	12	6

IRRIGATION YEAR 1998 TOTAL

40

MEAN

0

AC-FT

78

13211003 WAGNER PUMPS
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1997 TO OCTOBER 1998
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	---	---	---	---	---	0.0	0.4	0.4	0.4	0.4	0.4	0.4
2	---	---	---	---	---	0.0	0.4	0.4	0.4	0.4	0.4	0.4
3	---	---	---	---	---	0.0	0.4	0.4	0.4	0.4	0.4	0.4
4	---	---	---	---	---	0.0	0.4	0.4	0.4	0.4	0.4	0.4
5	---	---	---	---	---	0.0	0.4	0.4	0.4	0.4	0.4	0.4
6	---	---	---	---	---	0.0	0.4	0.4	0.4	0.4	0.4	0.4
7	---	---	---	---	---	0.0	0.4	0.4	0.4	0.4	0.4	0.4
8	---	---	---	---	---	0.0	0.4	0.4	0.4	0.4	0.4	0.4
9	---	---	---	---	---	0.0	0.4	0.4	0.4	0.4	0.4	0.4
10	---	---	---	---	---	0.0	0.4	0.4	0.4	0.4	0.4	0.4
11	---	---	---	---	---	0.0	0.4	0.4	0.4	0.4	0.4	0.4
12	---	---	---	---	---	0.0	0.4	0.4	0.4	0.4	0.4	0.4
13	---	---	---	---	---	0.0	0.4	0.4	0.4	0.4	0.4	0.4
14	---	---	---	---	---	0.0	0.4	0.4	0.4	0.4	0.4	0.4
15	---	---	---	---	---	0.4	0.4	0.4	0.4	0.4	0.4	0.0
16	---	---	---	---	---	0.4	0.4	0.4	0.4	0.4	0.4	0.0
17	---	---	---	---	---	0.4	0.4	0.4	0.4	0.4	0.4	0.0
18	---	---	---	---	---	0.4	0.4	0.4	0.4	0.4	0.4	0.0
19	---	---	---	---	---	0.4	0.4	0.4	0.4	0.4	0.4	0.0
20	---	---	---	---	---	0.4	0.4	0.4	0.4	0.4	0.4	0.0
21	---	---	---	---	---	0.4	0.4	0.4	0.4	0.4	0.4	0.0
22	---	---	---	---	---	0.4	0.4	0.4	0.4	0.4	0.4	0.0
23	---	---	---	---	---	0.4	0.4	0.4	0.4	0.4	0.4	0.0
24	---	---	---	---	---	0.4	0.4	0.4	0.4	0.4	0.4	0.0
25	---	---	---	---	---	0.4	0.4	0.4	0.4	0.4	0.4	0.0
26	---	---	---	---	---	0.4	0.4	0.4	0.4	0.4	0.4	0.0
27	---	---	---	---	---	0.4	0.4	0.4	0.4	0.4	0.4	0.0
28	---	---	---	---	---	0.4	0.4	0.4	0.4	0.4	0.4	0.0
29	---	---	---	---	---	0.4	0.4	0.4	0.4	0.4	0.4	0.0
30	---	---	---	---	---	---	0.4	---	0.4	0.4	---	0.0
31	---	---	---	---	---	---	---	---	0.4	0.4	---	0.0
TOTAL						6	12	12	12	12	12	6
MEAN						0.2	0.4	0.4	0.4	0.4	0.4	0.2
MAX						0.4	0.4	0.4	0.4	0.4	0.4	0.4
MIN						0.0	0.4	0.4	0.4	0.4	0.4	0.0
AC-FT						12	25	24	25	25	24	12

IRRIGATION YEAR 1998 TOTAL 73 MEAN 0 AC-FT 145

8-JAN-99

13211603 SIMPLOT PUMPS
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1997 TO OCTOBER 1998
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	---	---	---	---	---	0.6	0.6	0.6	0.6	0.6	0.6	0.6
2	---	---	---	---	---	0.6	0.6	0.6	0.6	0.6	0.6	0.6
3	---	---	---	---	---	0.6	0.6	0.6	0.6	0.6	0.6	0.6
4	---	---	---	---	---	0.6	0.6	0.6	0.6	0.6	0.6	0.6
5	---	---	---	---	---	0.6	0.6	0.6	0.6	0.6	0.6	0.6
6	---	---	---	---	---	0.6	0.6	0.6	0.6	0.6	0.6	0.6
7	---	---	---	---	---	0.6	0.6	0.6	0.6	0.6	0.6	0.6
8	---	---	---	---	---	0.6	0.6	0.6	0.6	0.6	0.6	0.6
9	---	---	---	---	---	0.6	0.6	0.6	0.6	0.6	0.6	0.6
10	---	---	---	---	---	0.6	0.6	0.6	0.6	0.6	0.6	0.6
11	---	---	---	---	---	0.6	0.6	0.6	0.6	0.6	0.6	0.6
12	---	---	---	---	---	0.6	0.6	0.6	0.6	0.6	0.6	0.6
13	---	---	---	---	---	0.6	0.6	0.6	0.6	0.6	0.6	0.6
14	---	---	---	---	---	0.6	0.6	0.6	0.6	0.6	0.6	0.6
15	---	---	---	---	---	0.6	0.6	0.6	0.6	0.6	0.6	0.6
16	---	---	---	---	---	0.6	0.6	0.6	0.6	0.6	0.6	0.0
17	---	---	---	---	---	0.6	0.6	0.6	0.6	0.6	0.6	0.0
18	---	---	---	---	---	0.6	0.6	0.6	0.6	0.6	0.6	0.0
19	---	---	---	---	---	0.6	0.6	0.6	0.6	0.6	0.6	0.0
20	---	---	---	---	---	0.6	0.6	0.6	0.6	0.6	0.6	0.0
21	---	---	---	---	---	0.6	0.6	0.6	0.6	0.6	0.6	0.0
22	---	---	---	---	---	0.6	0.6	0.6	0.6	0.6	0.6	0.0
23	---	---	---	---	---	0.6	0.6	0.6	0.6	0.6	0.6	0.0
24	---	---	---	---	---	0.6	0.6	0.6	0.6	0.6	0.6	0.0
25	---	---	---	---	---	0.6	0.6	0.6	0.6	0.6	0.6	0.0
26	---	---	---	---	---	0.6	0.6	0.6	0.6	0.6	0.6	0.0
27	---	---	---	---	---	0.6	0.6	0.6	0.6	0.6	0.6	0.0
28	---	---	---	---	---	0.6	0.6	0.6	0.6	0.6	0.6	0.0
29	---	---	---	---	---	0.6	0.6	0.6	0.6	0.6	0.6	0.0
30	---	---	---	---	---	---	0.6	---	0.6	0.6	---	0.0
31	---	---	---	---	---	---	---	---	---	---	---	---
TOTAL						18	19	18	19	19	18	9
MEAN						0.6	0.6	0.6	0.6	0.6	0.6	0.3
MAX						0.6	0.6	0.6	0.6	0.6	0.6	0.6
MIN						0.6	0.6	0.6	0.6	0.6	0.6	0.0
AC-FT						36	37	36	37	37	36	18

IRRIGATION YEAR 1998 TOTAL 119 MEAN 0 AC-FT 235

2-JAN-99

13211725 EUREKA #2
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1997 TO OCTOBER 1998
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	---	---	---	---	---	0.0	73	84	101	62	65	63
2	---	---	---	---	---	0.0	74	84	102	65	65	63
3	---	---	---	---	---	0.0	74	83	103	68	65	64
4	---	---	---	---	---	0.0	74	83	105	70	65	64
5	---	---	---	---	---	0.0	74	85	106	73	65	64
6	---	---	---	---	---	0.0	75	87	107	70	64	64
7	---	---	---	---	---	0.0	75	89	109	68	64	64
8	---	---	---	---	---	0.0	74	91	110	65	63	64
9	---	---	---	---	---	0.0	73	93	110	63	63	64
10	---	---	---	---	---	0.0	72	95	107	60	62	65
11	---	---	---	---	---	0.0	71	95	103	58	62	65
12	---	---	---	---	---	0.0	70	95	100	55	61	65
13	---	---	---	---	---	0.0	69	95	96	55	61	65
14	---	---	---	---	---	0.0	68	95	93	56	60	65
15	---	---	---	---	---	0.0	69	95	89	57	60	65
16	---	---	---	---	---	0.0	70	95	89	58	61	65
17	---	---	---	---	---	0.0	71	95	86	58	61	65
18	---	---	---	---	---	0.0	72	95	82	59	61	65
19	---	---	---	---	---	14	73	96	79	60	61	64
20	---	---	---	---	---	28	74	96	76	60	62	64
21	---	---	---	---	---	42	75	97	72	61	62	64
22	---	---	---	---	---	56	77	97	69	61	62	64
23	---	---	---	---	---	70	78	97	67	62	62	64
24	---	---	---	---	---	70	80	98	66	63	62	56
25	---	---	---	---	---	71	81	98	64	63	62	48
26	---	---	---	---	---	71	83	99	62	64	63	40
27	---	---	---	---	---	72	84	99	60	64	63	32
28	---	---	---	---	---	72	86	100	59	64	63	24
29	---	---	---	---	---	73	86	100	57	64	63	16
30	---	---	---	---	---	73	85	101	57	64	63	8.0
31	---	---	---	---	---	---	85	---	60	64	---	0.0
TOTAL						712	2344	2812	2645	1935	1874	1702
MEAN						24	76	94	85	62	62	55
MAX						73	86	101	110	73	65	65
MIN						0.0	68	83	57	55	60	0.0
AC-FT						1412	4650	5577	5246	3838	3718	3377

IRRIGATION YEAR 1998 TOTAL 14024 MEAN 38 AC-FT 27817

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13211735 UPPER CENTER POINT CANAL
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1997 TO OCTOBER 1998
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	---	---	---	---	---	0.0	15	21	20	20	20	18
2	---	---	---	---	---	0.0	15	21	20	21	20	18
3	---	---	---	---	---	0.0	15	21	21	21	20	18
4	---	---	---	---	---	0.0	15	21	21	21	20	18
5	---	---	---	---	---	0.0	15	21	22	21	20	18
6	---	---	---	---	---	0.0	15	21	22	21	20	18
7	---	---	---	---	---	0.0	16	21	23	21	20	18
8	---	---	---	---	---	0.0	16	21	23	20	20	18
9	---	---	---	---	---	0.0	17	21	23	20	19	18
10	---	---	---	---	---	0.0	17	21	23	20	19	18
11	---	---	---	---	---	0.0	18	21	22	19	19	18
12	---	---	---	---	---	0.0	18	20	22	19	19	18
13	---	---	---	---	---	0.0	18	20	22	19	19	18
14	---	---	---	---	---	0.0	17	20	21	19	19	18
15	---	---	---	---	---	0.0	17	19	21	19	19	18
16	---	---	---	---	---	0.0	16	19	21	19	19	18
17	---	---	---	---	---	0.0	16	18	21	19	19	18
18	---	---	---	---	---	0.0	15	18	21	19	18	18
19	---	---	---	---	---	0.0	15	18	21	19	18	18
20	---	---	---	---	---	0.0	16	18	21	19	18	18
21	---	---	---	---	---	0.0	17	17	21	19	18	15
22	---	---	---	---	---	2.1	18	17	21	20	18	13
23	---	---	---	---	---	4.3	19	17	21	20	18	10
24	---	---	---	---	---	6.4	19	17	21	20	18	7.7
25	---	---	---	---	---	8.6	20	18	20	20	18	5.1
26	---	---	---	---	---	11	20	18	20	20	18	2.6
27	---	---	---	---	---	13	20	19	20	20	18	0.0
28	---	---	---	---	---	15	20	19	20	20	18	0.0
29	---	---	---	---	---	15	21	20	20	20	18	0.0
30	---	---	---	---	---	---	21	---	20	20	---	0.0
31	---	---	---	---	---	---	---	---	---	---	---	---
TOTAL						75	531	580	656	613	567	432
MEAN						2.5	17	19	21	20	19	14
MAX						15	21	21	23	21	20	18
MIN						0.0	15	17	20	19	18	0.0
AC-FT						149	1054	1150	1302	1215	1125	857

IRRIGATION YEAR 1998 TOTAL 3454 MEAN 9 AC-FT 6851

B-JAN-99

13211745 MCMANUS AND TEATER CANAL
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1997 TO OCTOBER 1998
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	---	---	---	---	---	0.0	4.5	5.0	6.9	6.0	6.0	6.8
2	---	---	---	---	---	0.0	5.0	5.0	7.0	6.0	6.0	6.6
3	---	---	---	---	---	0.0	5.5	5.0	6.8	6.0	6.0	6.5
4	---	---	---	---	---	0.0	6.0	5.3	6.7	6.0	6.0	6.4
5	---	---	---	---	---	0.0	6.5	5.5	6.5	6.0	6.0	6.3
6	---	---	---	---	---	0.0	7.0	5.8	6.3	7.0	6.0	6.1
7	---	---	---	---	---	0.0	6.2	6.0	6.2	7.0	6.0	6.0
8	---	---	---	---	---	0.0	5.4	6.3	6.0	7.0	6.0	6.0
9	---	---	---	---	---	0.0	4.7	6.5	6.0	7.0	6.0	6.0
10	---	---	---	---	---	0.0	3.9	6.8	5.7	7.0	6.0	6.0
11	---	---	---	---	---	0.0	3.1	7.0	5.3	7.0	6.0	6.0
12	---	---	---	---	---	0.0	2.3	6.0	5.0	7.0	6.0	6.0
13	---	---	---	---	---	0.0	1.6	5.0	4.7	7.0	6.0	6.0
14	---	---	---	---	---	0.0	0.8	4.0	4.3	7.0	6.0	6.0
15	---	---	---	---	---	0.0	0.0	3.0	4.0	7.0	6.0	6.0
16	---	---	---	---	---	0.0	0.0	2.0	4.0	7.0	6.0	6.0
17	---	---	---	---	---	0.0	0.0	1.0	4.3	7.0	6.0	6.0
18	---	---	---	---	---	0.0	0.0	0.0	4.7	7.0	6.0	6.0
19	---	---	---	---	---	0.0	0.0	0.9	5.0	7.0	6.0	6.0
20	---	---	---	---	---	0.0	0.0	1.7	5.3	7.0	6.0	6.0
21	---	---	---	---	---	0.0	0.0	2.6	5.7	6.8	6.0	6.0
22	---	---	---	---	---	0.0	0.0	3.4	6.0	6.7	6.0	5.0
23	---	---	---	---	---	0.5	0.8	4.3	6.0	6.5	6.1	4.0
24	---	---	---	---	---	1.0	1.7	5.1	6.0	6.3	6.3	3.0
25	---	---	---	---	---	1.5	2.5	6.0	6.0	6.2	6.4	2.0
26	---	---	---	---	---	2.0	3.3	6.1	6.0	6.0	6.6	1.0
27	---	---	---	---	---	2.5	4.2	6.3	6.0	6.0	6.7	0.0
28	---	---	---	---	---	3.0	5.0	6.4	6.0	6.0	6.9	0.0
29	---	---	---	---	---	3.5	5.0	6.6	6.0	6.0	7.0	0.0
30	---	---	---	---	---	4.0	5.0	6.7	6.0	6.0	6.9	0.0
31	---	---	---	---	---	---	5.0	---	6.0	6.0	---	0.0
TOTAL						18	95	141	176	204	185	144
MEAN						0.6	3.1	4.7	5.7	6.6	6.2	4.6
MAX						4.0	7.0	7.0	7.0	7.0	7.0	6.8
MIN						0.0	0.0	0.0	4.0	6.0	6.0	0.0
AC-FT						36	188	280	350	404	367	285

IRRIGATION YEAR 1998 TOTAL 963 MEAN 3 AC-FT 1909

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8-JAN-99

13211747 ATWELL
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1997 TO OCTOBER 1998
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	---	---	---	---	---	0.0	0.0	0.0	0.0	5.0	0.0	0.0
2	---	---	---	---	---	0.0	0.0	0.0	0.0	5.0	0.0	0.0
3	---	---	---	---	---	0.0	0.0	0.0	0.0	5.0	0.0	0.0
4	---	---	---	---	---	0.0	0.0	0.0	0.0	5.0	0.0	0.0
5	---	---	---	---	---	0.0	0.0	0.0	0.0	5.0	0.0	0.0
6	---	---	---	---	---	0.0	0.0	0.0	0.0	5.0	0.0	0.0
7	---	---	---	---	---	0.0	0.0	0.0	0.0	5.0	0.0	0.0
8	---	---	---	---	---	0.0	0.0	0.0	0.0	5.0	0.0	0.0
9	---	---	---	---	---	0.0	0.0	0.0	0.0	5.0	0.0	0.0
10	---	---	---	---	---	0.0	0.0	0.0	0.0	5.0	0.0	0.0
11	---	---	---	---	---	0.0	0.0	0.0	0.0	5.0	0.0	0.0
12	---	---	---	---	---	0.0	0.0	0.0	0.0	5.0	0.0	0.0
13	---	---	---	---	---	0.0	0.0	0.0	0.0	5.0	0.0	0.0
14	---	---	---	---	---	0.0	0.0	0.0	0.0	5.0	0.0	0.0
15	---	---	---	---	---	0.0	0.0	0.0	0.0	5.0	0.0	0.0
16	---	---	---	---	---	0.0	0.0	0.0	4.0	0.0	0.0	0.0
17	---	---	---	---	---	0.0	0.0	0.0	4.2	0.0	0.0	0.0
18	---	---	---	---	---	0.0	0.0	0.0	4.3	0.0	0.0	0.0
19	---	---	---	---	---	0.0	0.0	0.0	4.5	0.0	0.0	0.0
20	---	---	---	---	---	0.0	0.0	0.0	4.7	0.0	0.0	0.0
21	---	---	---	---	---	0.0	0.0	0.0	4.8	0.0	0.0	0.0
22	---	---	---	---	---	0.0	0.0	0.0	5.0	0.0	0.0	0.0
23	---	---	---	---	---	0.0	0.0	0.0	5.0	0.0	0.0	0.0
24	---	---	---	---	---	0.0	0.0	0.0	5.0	0.0	0.0	0.0
25	---	---	---	---	---	0.0	0.0	0.0	5.0	0.0	0.0	0.0
26	---	---	---	---	---	0.0	0.0	0.0	5.0	0.0	0.0	0.0
27	---	---	---	---	---	0.0	0.0	0.0	5.0	0.0	0.0	0.0
28	---	---	---	---	---	0.0	0.0	0.0	5.0	0.0	0.0	0.0
29	---	---	---	---	---	0.0	0.0	0.0	5.0	0.0	0.0	0.0
30	---	---	---	---	---	0.0	0.0	0.0	5.0	0.0	0.0	0.0
31	---	---	---	---	---	---	0.0	---	5.0	0.0	---	0.0
TOTAL						0	0	0	77	60	0	0
MEAN						0.0	0.0	0.0	2.5	1.9	0.0	0.0
MAX						0.0	0.0	0.0	5.0	5.0	0.0	0.0
MIN						0.0	0.0	0.0	0.0	0.0	0.0	0.0
AC-FT						0	0	0	152	119	0	0

IRRIGATION YEAR 1998 TOTAL 137 MEAN 0 AC-FT 270

8-JAN-99

13211825 LOWER CENTER POINT CANAL
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1997 TO OCTOBER 1998
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	---	---	---	---	---	0.0	17	29	33	27	21	23
2	---	---	---	---	---	0.0	18	30	32	27	21	22
3	---	---	---	---	---	0.0	18	31	32	27	21	22
4	---	---	---	---	---	0.0	19	30	32	27	21	22
5	---	---	---	---	---	0.0	20	29	31	27	21	22
6	---	---	---	---	---	0.0	21	28	31	27	21	22
7	---	---	---	---	---	0.0	21	27	30	26	20	22
8	---	---	---	---	---	0.0	20	26	30	26	20	22
9	---	---	---	---	---	0.0	20	25	30	25	20	22
10	---	---	---	---	---	0.0	19	25	30	24	20	22
11	---	---	---	---	---	0.0	19	26	30	24	20	22
12	---	---	---	---	---	0.0	18	26	30	23	21	22
13	---	---	---	---	---	0.0	18	26	29	23	21	22
14	---	---	---	---	---	0.0	19	26	29	23	21	22
15	---	---	---	---	---	0.0	19	27	29	23	22	0.0
16	---	---	---	---	---	0.0	20	27	29	23	22	0.0
17	---	---	---	---	---	0.0	21	28	28	23	22	0.0
18	---	---	---	---	---	0.0	22	28	28	23	22	0.0
19	---	---	---	---	---	0.0	22	29	27	23	23	0.0
20	---	---	---	---	---	0.0	23	29	26	23	23	0.0
21	---	---	---	---	---	0.0	23	30	26	23	23	0.0
22	---	---	---	---	---	0.0	24	30	25	23	23	0.0
23	---	---	---	---	---	2.1	24	31	25	23	23	0.0
24	---	---	---	---	---	4.3	24	31	26	22	23	0.0
25	---	---	---	---	---	6.4	24	32	26	22	23	0.0
26	---	---	---	---	---	8.6	25	32	26	22	23	0.0
27	---	---	---	---	---	11	25	32	26	22	23	0.0
28	---	---	---	---	---	13	26	32	27	22	23	0.0
29	---	---	---	---	---	15	27	33	27	22	23	0.0
30	---	---	---	---	---	16	28	33	27	22	23	0.0
31	---	---	---	---	---	---	28	---	27	21	---	0.0
TOTAL						76	672	868	883	737	650	310
MEAN						2.5	22	29	28	24	22	10
MAX						16	28	33	33	27	23	23
MIN						0.0	17	25	25	21	20	0.0
AC-FT						151	1332	1722	1752	1462	1290	615

IRRIGATION YEAR 1998 TOTAL 4197 MEAN 11 AC-FT 8324

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8-JAN-99

13212548 BOWMAN AND SWISHER CANAL
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1997 TO OCTOBER 1998
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	---	---	---	---	---	0.0	15	15	16	15	11	11
2	---	---	---	---	---	0.0	15	15	16	15	11	10
3	---	---	---	---	---	0.0	15	15	16	14	10	10
4	---	---	---	---	---	0.0	15	15	16	14	10	10
5	---	---	---	---	---	0.0	15	15	16	14	10	10
6	---	---	---	---	---	0.0	15	16	16	14	10	10
7	---	---	---	---	---	0.0	15	16	16	14	11	10
8	---	---	---	---	---	0.0	15	17	16	14	11	10
9	---	---	---	---	---	0.0	16	17	16	14	11	10
10	---	---	---	---	---	0.0	16	18	16	14	11	10
11	---	---	---	---	---	0.0	17	18	16	14	11	10
12	---	---	---	---	---	0.0	17	18	16	14	12	10
13	---	---	---	---	---	0.0	18	19	16	14	12	10
14	---	---	---	---	---	0.0	18	19	16	14	12	11
15	---	---	---	---	---	0.0	18	19	16	13	12	11
16	---	---	---	---	---	0.0	18	19	16	13	12	11
17	---	---	---	---	---	0.0	18	20	16	13	12	11
18	---	---	---	---	---	0.0	18	20	16	12	12	11
19	---	---	---	---	---	0.0	18	19	16	12	12	11
20	---	---	---	---	---	0.0	18	19	15	12	11	11
21	---	---	---	---	---	0.0	18	18	15	12	11	11
22	---	---	---	---	---	0.0	18	17	15	12	11	0.0
23	---	---	---	---	---	0.0	18	16	15	12	11	0.0
24	---	---	---	---	---	2.1	17	16	15	12	11	0.0
25	---	---	---	---	---	4.3	17	15	15	12	11	0.0
26	---	---	---	---	---	6.4	17	15	15	12	11	0.0
27	---	---	---	---	---	8.6	16	15	15	12	11	0.0
28	---	---	---	---	---	11	16	16	15	12	11	0.0
29	---	---	---	---	---	13	16	16	15	12	11	0.0
30	---	---	---	---	---	15	16	16	15	11	11	0.0
31	---	---	---	---	---	---	16	---	15	11	---	0.0
TOTAL						60	514	509	483	403	331	219
MEAN						2.0	17	17	16	13	11	7.1
MAX						15	18	20	16	15	12	11
MIN						0.0	15	15	15	11	10	0.0
AC-FT						119	1020	1010	959	798	657	435
IRRIGATION YEAR 1998			TOTAL	2520	MEAN	7	AC-FT	4997				

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8-JAN-99

13212645 BAXTER CANAL
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1997 TO OCTOBER 1998
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	---	---	---	---	---	0.0	9.6	13	14	11	10	10
2	---	---	---	---	---	0.0	9.4	14	14	12	10	10
3	---	---	---	---	---	0.0	9.3	14	14	12	10	10
4	---	---	---	---	---	0.0	9.1	14	14	12	10	10
5	---	---	---	---	---	0.0	9.0	14	14	12	10	10
6	---	---	---	---	---	0.0	9.3	14	14	12	10	10
7	---	---	---	---	---	0.0	9.6	14	14	12	10	10
8	---	---	---	---	---	0.0	9.9	15	14	12	10	10
9	---	---	---	---	---	0.0	10	15	10	12	10	10
10	---	---	---	---	---	0.0	10	15	10	12	10	10
11	---	---	---	---	---	0.0	11	15	10	12	10	10
12	---	---	---	---	---	0.0	11	14	10	12	10	10
13	---	---	---	---	---	0.0	11	14	10	12	10	10
14	---	---	---	---	---	0.0	12	13	10	12	10	10
15	---	---	---	---	---	0.0	12	12	10	11	10	10
16	---	---	---	---	---	0.0	12	11	10	11	10	10
17	---	---	---	---	---	0.0	12	11	10	11	10	10
18	---	---	---	---	---	0.0	13	10	11	10	10	10
19	---	---	---	---	---	0.0	13	11	11	10	10	10
20	---	---	---	---	---	0.0	13	11	11	10	10	10
21	---	---	---	---	---	0.0	13	12	11	10	10	10
22	---	---	---	---	---	1.4	13	12	11	10	10	8.6
23	---	---	---	---	---	2.9	13	13	11	10	10	7.1
24	---	---	---	---	---	4.3	12	13	11	10	10	5.7
25	---	---	---	---	---	5.7	12	14	11	10	10	4.3
26	---	---	---	---	---	7.1	12	14	11	10	10	2.9
27	---	---	---	---	---	8.6	12	14	11	10	10	1.4
28	---	---	---	---	---	10	12	14	11	10	10	0.0
29	---	---	---	---	---	9.9	13	14	11	10	10	0.0
30	---	---	---	---	---	9.7	13	14	11	10	10	0.0
31	---	---	---	---	---	---	13	---	11	10	---	0.0
TOTAL						60	352	398	356	339	300	240
MEAN						2.0	11	13	11	11	10	7.7
MAX						10	13	15	14	12	10	10
MIN						0.0	9.0	10	10	10	10	0.0
AC-FT						118	698	789	706	673	595	476

IRRIGATION YEAR 1998 TOTAL 2044 MEAN 6 AC-FT 4054

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8-JAN-99

13212832 ANDREWS CANAL
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1997 TO OCTOBER 1998
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	---	---	---	---	---	0.0	16	13	15	14	14	13
2	---	---	---	---	---	0.0	15	13	15	15	14	13
3	---	---	---	---	---	0.0	15	14	15	15	14	13
4	---	---	---	---	---	0.0	15	14	15	15	14	13
5	---	---	---	---	---	0.0	15	14	16	15	14	13
6	---	---	---	---	---	0.0	14	13	16	15	14	13
7	---	---	---	---	---	0.0	14	11	16	15	14	13
8	---	---	---	---	---	0.0	12	9.5	16	15	14	13
9	---	---	---	---	---	0.0	10	8.0	16	15	14	13
10	---	---	---	---	---	0.0	8.0	6.5	16	14	14	13
11	---	---	---	---	---	0.0	6.0	5.0	16	14	14	13
12	---	---	---	---	---	0.0	4.0	5.3	16	14	14	13
13	---	---	---	---	---	0.0	2.0	5.6	16	14	14	13
14	---	---	---	---	---	0.0	0.0	5.9	16	14	14	13
15	---	---	---	---	---	0.0	1.6	6.1	16	14	14	13
16	---	---	---	---	---	0.0	3.1	6.4	16	14	14	13
17	---	---	---	---	---	0.0	4.7	6.7	16	14	13	13
18	---	---	---	---	---	0.0	6.3	7.0	15	14	13	13
19	---	---	---	---	---	0.0	7.9	7.6	15	14	13	13
20	---	---	---	---	---	0.0	9.4	8.1	15	14	13	13
21	---	---	---	---	---	0.0	11	8.7	14	14	13	13
22	---	---	---	---	---	0.0	11	9.3	14	14	13	0.0
23	---	---	---	---	---	0.0	11	9.9	14	14	13	0.0
24	---	---	---	---	---	0.0	11	10	14	13	13	0.0
25	---	---	---	---	---	0.0	12	11	14	13	13	0.0
26	---	---	---	---	---	0.0	12	12	14	13	13	0.0
27	---	---	---	---	---	4.0	12	12	14	13	13	0.0
28	---	---	---	---	---	8.0	12	13	14	13	13	0.0
29	---	---	---	---	---	12	12	14	14	13	13	0.0
30	---	---	---	---	---	16	13	14	14	14	13	0.0
31	---	---	---	---	---	---	13	---	14	14	---	0.0
TOTAL						40	309	293	467	434	405	273
MEAN						1.3	10.0	9.8	15	14	13	8.8
MAX						16	16	14	16	15	14	13
MIN						0.0	0.0	5.0	14	13	13	0.0
AC-FT						79	612	581	927	861	803	541

IRRIGATION YEAR 1998 TOTAL 2221 MEAN 6 AC-FT 4405

8-JAN-99

13212896 MAMMON PUMPS
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1997 TO OCTOBER 1998
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	---	---	---	---	---	0.0	0.0	7.0	2.9	7.0	7.0	7.0
2	---	---	---	---	---	0.0	0.0	7.0	3.5	7.0	7.0	7.0
3	---	---	---	---	---	0.0	0.0	7.0	4.1	7.0	7.0	7.0
4	---	---	---	---	---	0.0	0.0	6.0	4.7	7.0	7.0	7.0
5	---	---	---	---	---	0.0	0.0	5.0	5.3	7.0	7.0	7.0
6	---	---	---	---	---	0.0	0.0	4.0	5.8	7.0	7.0	7.0
7	---	---	---	---	---	0.0	0.0	3.0	6.4	7.0	7.0	7.0
8	---	---	---	---	---	0.0	0.0	2.0	7.0	7.0	7.0	6.0
9	---	---	---	---	---	0.0	0.0	1.0	7.0	7.0	7.0	5.0
10	---	---	---	---	---	0.0	0.0	0.0	7.0	7.0	7.0	4.0
11	---	---	---	---	---	0.0	0.0	0.9	7.0	7.0	7.0	3.0
12	---	---	---	---	---	0.0	0.0	1.8	7.0	7.0	7.0	2.0
13	---	---	---	---	---	0.0	0.0	2.6	7.0	7.0	7.0	1.0
14	---	---	---	---	---	0.0	0.0	3.5	7.0	7.0	7.0	0.0
15	---	---	---	---	---	0.0	0.0	4.4	7.0	7.0	7.0	0.0
16	---	---	---	---	---	0.0	0.0	5.3	7.0	7.0	7.0	0.0
17	---	---	---	---	---	0.0	0.0	6.1	7.0	7.0	7.0	0.0
18	---	---	---	---	---	0.0	0.0	7.0	7.0	7.0	7.0	0.0
19	---	---	---	---	---	0.0	0.0	6.1	7.0	7.0	7.0	0.0
20	---	---	---	---	---	0.0	0.0	5.3	7.0	7.0	7.0	0.0
21	---	---	---	---	---	0.0	0.0	4.4	7.0	7.0	7.0	0.0
22	---	---	---	---	---	0.0	1.2	3.5	7.0	7.0	7.0	0.0
23	---	---	---	---	---	0.0	2.3	2.6	7.0	7.0	7.0	0.0
24	---	---	---	---	---	0.0	3.5	1.8	7.0	7.0	7.0	0.0
25	---	---	---	---	---	0.0	4.7	0.9	7.0	7.0	7.0	0.0
26	---	---	---	---	---	0.0	5.8	0.0	7.0	7.0	7.0	0.0
27	---	---	---	---	---	0.0	7.0	0.6	7.0	7.0	7.0	0.0
28	---	---	---	---	---	0.0	7.0	1.2	7.0	7.0	7.0	0.0
29	---	---	---	---	---	0.0	7.0	1.8	7.0	7.0	7.0	0.0
30	---	---	---	---	---	0.0	7.0	2.3	7.0	7.0	7.0	0.0
31	---	---	---	---	---	---	7.0	---	7.0	7.0	---	0.0
TOTAL						0	53	104	201	217	210	70
MEAN						0.0	1.7	3.5	6.5	7.0	7.0	2.3
MAX						0.0	7.0	7.0	7.0	7.0	7.0	7.0
MIN						0.0	0.0	0.0	2.9	7.0	7.0	0.0
AC-FT						0	104	206	398	430	417	139
IRRIGATION YEAR 1998												
TOTAL						854	MEAN	2	AC-FT	1694		

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8-JAN-99

13212938 HAAS CANAL
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1997 TO OCTOBER 1998
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	---	---	---	---	---	0.0	7.0	5.8	6.0	6.0	7.0	6.0
2	---	---	---	---	---	0.0	7.0	5.5	6.1	6.0	7.0	6.0
3	---	---	---	---	---	0.0	7.0	5.3	6.3	6.0	7.0	6.0
4	---	---	---	---	---	0.0	7.0	5.0	6.4	6.0	7.0	6.0
5	---	---	---	---	---	0.0	7.0	5.5	6.6	6.0	7.0	6.0
6	---	---	---	---	---	0.0	7.0	6.0	6.7	6.0	7.0	6.0
7	---	---	---	---	---	0.0	6.0	6.5	6.9	6.0	7.0	6.0
8	---	---	---	---	---	0.0	5.0	7.0	7.0	6.0	7.0	6.0
9	---	---	---	---	---	0.0	4.0	7.5	7.0	6.0	7.0	6.0
10	---	---	---	---	---	0.0	3.0	8.0	6.8	6.0	7.0	6.0
11	---	---	---	---	---	0.0	2.0	7.6	6.7	6.0	7.0	6.0
12	---	---	---	---	---	0.0	1.0	7.1	6.5	6.0	7.0	6.0
13	---	---	---	---	---	0.0	0.0	6.7	6.3	6.0	7.0	6.0
14	---	---	---	---	---	0.0	0.0	6.3	6.2	6.2	6.9	6.0
15	---	---	---	---	---	0.0	0.0	5.9	6.0	6.3	6.8	6.0
16	---	---	---	---	---	0.0	0.0	5.4	6.0	6.5	6.7	0.0
17	---	---	---	---	---	0.0	0.0	5.0	6.0	6.7	6.6	0.0
18	---	---	---	---	---	0.0	0.0	4.3	6.0	6.8	6.4	0.0
19	---	---	---	---	---	0.0	0.0	3.6	6.0	7.0	6.3	0.0
20	---	---	---	---	---	0.0	0.0	2.9	6.0	7.0	6.2	0.0
21	---	---	---	---	---	0.0	1.0	2.1	6.0	7.0	6.1	0.0
22	---	---	---	---	---	0.0	2.0	1.4	6.0	7.0	6.0	0.0
23	---	---	---	---	---	1.0	3.0	0.7	6.0	7.0	6.0	0.0
24	---	---	---	---	---	2.0	4.0	0.0	6.0	7.0	6.0	0.0
25	---	---	---	---	---	3.0	5.0	0.9	6.0	7.0	6.0	0.0
26	---	---	---	---	---	4.0	6.0	1.7	6.0	7.0	6.0	0.0
27	---	---	---	---	---	5.0	7.0	2.6	6.0	7.0	6.0	0.0
28	---	---	---	---	---	6.0	6.8	3.4	6.0	7.0	6.0	0.0
29	---	---	---	---	---	7.0	6.5	4.3	6.0	7.0	6.0	0.0
30	---	---	---	---	---	7.0	6.3	5.1	6.0	7.0	6.0	0.0
31	---	---	---	---	---	---	6.0	---	6.0	7.0	---	0.0
TOTAL						35	117	139	194	202	197	90
MEAN						1.2	3.8	4.6	6.2	6.5	6.6	2.9
MAX						7.0	7.0	8.0	7.0	7.0	7.0	6.0
MIN						0.0	0.0	0.0	6.0	6.0	6.0	0.0
AC-FT						69	231	276	384	400	391	179

IRRIGATION YEAR 1998 TOTAL 973 MEAN 3 AC-FT 1929

8-JAN-99

13212954 PARMA CANAL
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1997 TO OCTOBER 1998
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	---	---	---	---	---	0.0	20	23	21	18	18	17
2	---	---	---	---	---	0.0	22	23	21	18	18	17
3	---	---	---	---	---	0.0	23	22	21	18	18	17
4	---	---	---	---	---	0.0	24	22	21	17	18	16
5	---	---	---	---	---	0.0	25	22	22	17	18	16
6	---	---	---	---	---	0.0	26	23	22	17	18	16
7	---	---	---	---	---	0.0	25	23	22	17	18	16
8	---	---	---	---	---	0.0	25	23	22	17	18	16
9	---	---	---	---	---	0.0	24	24	22	17	18	16
10	---	---	---	---	---	0.0	24	24	22	17	18	16
11	---	---	---	---	---	0.0	23	24	22	17	18	15
12	---	---	---	---	---	0.0	23	23	22	17	18	15
13	---	---	---	---	---	0.0	22	23	21	17	19	15
14	---	---	---	---	---	0.0	22	23	21	17	19	15
15	---	---	---	---	---	0.0	23	23	21	17	19	0.0
16	---	---	---	---	---	0.0	23	22	21	18	19	0.0
17	---	---	---	---	---	0.0	23	22	21	18	19	0.0
18	---	---	---	---	---	0.0	23	22	20	18	19	0.0
19	---	---	---	---	---	0.0	24	22	20	18	19	0.0
20	---	---	---	---	---	0.0	24	22	20	18	19	0.0
21	---	---	---	---	---	0.0	24	21	19	18	19	0.0
22	---	---	---	---	---	0.0	24	21	19	18	18	0.0
23	---	---	---	---	---	2.8	24	21	19	18	18	0.0
24	---	---	---	---	---	5.7	24	21	19	18	18	0.0
25	---	---	---	---	---	8.5	24	21	19	18	18	0.0
26	---	---	---	---	---	11	24	21	19	18	18	0.0
27	---	---	---	---	---	14	24	21	19	18	18	0.0
28	---	---	---	---	---	17	24	21	19	18	18	0.0
29	---	---	---	---	---	18	24	21	19	18	17	0.0
30	---	---	---	---	---	19	23	21	19	18	17	0.0
31	---	---	---	---	---	---	23	---	19	18	---	0.0
TOTAL						97	729	665	633	546	546	222
MEAN						3.2	24	22	20	18	18	7.2
MAX						19	26	24	22	18	19	17
MIN						0.0	20	21	19	17	17	0.0
AC-FT						192	1446	1318	1256	1083	1083	441
IRRIGATION YEAR 1998			TOTAL	3438	MEAN	9	AC-FT	6818				

A-81

8-JAN-99

13212966 ISLAND HIGHLINE CANAL
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1997 TO OCTOBER 1998
MEAN VALUES

A-82

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	---	---	---	---	---	0.0	20	35	42	45	36	34
2	---	---	---	---	---	0.0	21	35	41	45	36	34
3	---	---	---	---	---	0.0	22	36	41	44	36	34
4	---	---	---	---	---	0.0	23	36	40	43	35	34
5	---	---	---	---	---	0.0	24	36	40	42	35	34
6	---	---	---	---	---	0.0	25	36	39	42	35	34
7	---	---	---	---	---	0.0	25	35	39	42	35	34
8	---	---	---	---	---	0.0	26	35	38	41	35	34
9	---	---	---	---	---	0.0	26	35	38	41	35	34
10	---	---	---	---	---	0.0	26	35	39	40	35	34
11	---	---	---	---	---	0.0	26	35	39	40	35	34
12	---	---	---	---	---	0.0	27	35	40	40	36	35
13	---	---	---	---	---	0.0	27	35	41	40	36	35
14	---	---	---	---	---	0.0	28	35	41	39	36	35
15	---	---	---	---	---	0.0	28	35	42	38	36	35
16	---	---	---	---	---	0.0	29	35	42	38	36	35
17	---	---	---	---	---	0.0	29	35	42	37	36	0.0
18	---	---	---	---	---	0.0	30	36	42	36	36	0.0
19	---	---	---	---	---	0.0	30	36	42	35	36	0.0
20	---	---	---	---	---	0.0	31	37	41	35	36	0.0
21	---	---	---	---	---	0.0	31	37	41	35	36	0.0
22	---	---	---	---	---	0.0	31	38	41	36	35	0.0
23	---	---	---	---	---	2.6	31	38	42	36	35	0.0
24	---	---	---	---	---	5.1	31	39	43	36	35	0.0
25	---	---	---	---	---	7.7	31	39	44	37	35	0.0
26	---	---	---	---	---	10	31	40	44	37	35	0.0
27	---	---	---	---	---	13	31	40	45	37	34	0.0
28	---	---	---	---	---	15	32	41	46	37	34	0.0
29	---	---	---	---	---	18	32	41	47	37	34	0.0
30	---	---	---	---	---	19	33	42	47	36	34	0.0
31	---	---	---	---	---	---	34	---	46	36	---	0.0
TOTAL						91	871	1103	1295	1202	1058	549
MEAN						3.0	28	37	42	39	35	18
MAX						19	34	42	47	45	36	35
MIN						0.0	20	35	38	35	34	0.0
AC-FT						180	1728	2188	2568	2384	2098	1089
IRRIGATION YEAR 1998	TOTAL		6168	MEAN		17	AC-FT		12234			

8-JAN-99

13212992 CRAWFORTH PUMPS
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1997 TO OCTOBER 1998
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	---	---	---	---	---	0.0	0.8	0.8	0.8	0.8	0.8	0.0
2	---	---	---	---	---	0.0	0.8	0.8	0.8	0.8	0.8	0.0
3	---	---	---	---	---	0.0	0.8	0.8	0.8	0.8	0.8	0.0
4	---	---	---	---	---	0.0	0.8	0.8	0.8	0.8	0.8	0.0
5	---	---	---	---	---	0.0	0.8	0.8	0.8	0.8	0.8	0.0
6	---	---	---	---	---	0.0	0.8	0.8	0.8	0.8	0.8	0.0
7	---	---	---	---	---	0.0	0.8	0.8	0.8	0.8	0.8	0.0
8	---	---	---	---	---	0.0	0.8	0.8	0.8	0.8	0.8	0.0
9	---	---	---	---	---	0.0	0.8	0.8	0.8	0.8	0.8	0.0
10	---	---	---	---	---	0.0	0.8	0.8	0.8	0.8	0.8	0.0
11	---	---	---	---	---	0.0	0.8	0.8	0.8	0.8	0.8	0.0
12	---	---	---	---	---	0.0	0.8	0.8	0.8	0.8	0.8	0.0
13	---	---	---	---	---	0.0	0.8	0.8	0.8	0.8	0.8	0.0
14	---	---	---	---	---	0.0	0.8	0.8	0.8	0.8	0.8	0.0
15	---	---	---	---	---	0.0	0.8	0.8	0.8	0.8	0.8	0.0
16	---	---	---	---	---	0.0	0.8	0.8	0.8	0.8	0.8	0.0
17	---	---	---	---	---	0.0	0.8	0.8	0.8	0.8	0.8	0.0
18	---	---	---	---	---	0.0	0.8	0.8	0.8	0.8	0.8	0.0
19	---	---	---	---	---	0.0	0.8	0.8	0.8	0.8	0.8	0.0
20	---	---	---	---	---	0.0	0.8	0.8	0.8	0.8	0.8	0.0
21	---	---	---	---	---	0.0	0.8	0.8	0.8	0.8	0.8	0.0
22	---	---	---	---	---	0.0	0.8	0.8	0.8	0.8	0.8	0.0
23	---	---	---	---	---	0.0	0.8	0.8	0.8	0.8	0.8	0.0
24	---	---	---	---	---	0.0	0.8	0.8	0.8	0.8	0.8	0.0
25	---	---	---	---	---	0.0	0.8	0.8	0.8	0.8	0.8	0.0
26	---	---	---	---	---	0.0	0.8	0.8	0.8	0.8	0.8	0.0
27	---	---	---	---	---	0.0	0.8	0.8	0.8	0.8	0.8	0.0
28	---	---	---	---	---	0.0	0.8	0.8	0.8	0.8	0.8	0.0
29	---	---	---	---	---	0.0	0.8	0.8	0.8	0.8	0.8	0.0
30	---	---	---	---	---	0.0	0.8	0.8	0.8	0.8	0.8	0.0
31	---	---	---	---	---	---	0.8	---	0.8	0.8	---	0.0
TOTAL						0	25	24	25	25	24	0
MEAN						0.0	0.8	0.8	0.8	0.8	0.8	0.0
MAX						0.0	0.8	0.8	0.8	0.8	0.8	0.0
MIN						0.0	0.8	0.8	0.8	0.8	0.8	0.0
AC-FT						0	49	48	49	49	48	0

IRRIGATION YEAR 1998 TOTAL 122 MEAN 0 AC-FT 242

8-JAN-99

13212994 MCCONNEL ISLAND CANAL
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1997 TO OCTOBER 1998
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	---	---	---	---	---	0.0	40	46	43	43	40	36
2	---	---	---	---	---	0.0	39	46	42	43	40	36
3	---	---	---	---	---	0.0	38	47	42	43	40	37
4	---	---	---	---	---	0.0	38	47	41	44	39	37
5	---	---	---	---	---	0.0	37	47	41	44	39	38
6	---	---	---	---	---	0.0	37	46	40	44	39	38
7	---	---	---	---	---	0.0	36	45	40	43	39	38
8	---	---	---	---	---	0.0	35	44	39	42	38	38
9	---	---	---	---	---	0.0	35	43	39	41	38	38
10	---	---	---	---	---	0.0	34	42	40	40	38	38
11	---	---	---	---	---	0.0	33	41	40	39	38	38
12	---	---	---	---	---	0.0	32	42	41	38	38	38
13	---	---	---	---	---	0.0	32	43	42	38	38	38
14	---	---	---	---	---	0.0	31	44	42	38	38	38
15	---	---	---	---	---	0.0	30	46	43	37	37	37
16	---	---	---	---	---	0.0	31	47	43	37	37	36
17	---	---	---	---	---	0.0	31	48	43	37	37	35
18	---	---	---	---	---	0.0	32	49	42	36	37	35
19	---	---	---	---	---	0.0	32	49	42	36	37	34
20	---	---	---	---	---	0.0	33	48	41	36	37	33
21	---	---	---	---	---	6.0	33	48	41	37	37	32
22	---	---	---	---	---	12	35	47	40	38	36	27
23	---	---	---	---	---	18	36	47	40	39	36	23
24	---	---	---	---	---	24	38	46	41	39	36	18
25	---	---	---	---	---	30	40	46	41	40	36	14
26	---	---	---	---	---	36	42	45	41	41	36	9.1
27	---	---	---	---	---	42	43	45	41	41	35	4.6
28	---	---	---	---	---	41	45	44	42	41	35	0.0
29	---	---	---	---	---	41	45	44	42	41	35	0.0
30	---	---	---	---	---	40	46	43	42	40	35	0.0
31	---	---	---	---	---	---	46	---	42	40	---	0.0
TOTAL						290	1132	1362	1276	1235	1121	864
MEAN						9.7	37	45	41	40	37	28
MAX						42	46	49	43	44	40	38
MIN						0.0	30	41	39	36	35	0.0
AC-FT						576	2245	2701	2531	2450	2224	1713

IRRIGATION YEAR 1998 TOTAL 7279 MEAN 20 AC-FT 14438

STREAM FLOW MEASURING STATIONS

PRELIMINARY DATA

13185000 BOISE RIVER NEAR TWIN SPRINGS
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1997 TO OCTOBER 1998
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	732	494	447	422	518	1325	3852	3751	3343	874	491	438
2	624	437	502	436	514	1308	4184	3847	3261	797	455	464
3	583	360	503	452	519	1407	4513	3881	3107	746	443	476
4	561	375	482	521	489	1415	4429	3948	3033	713	439	454
5	544	434	459	575	483	1376	4203	3741	2839	689	438	449
6	536	471	420	531	495	1337	4130	3419	2542	667	459	445
7	540	537	450	530	464	1300	4417	3240	2336	652	502	442
8	568	537	453	577	489	1261	4797	3286	2211	638	478	434
9	534	481	393	574	499	1249	5038	3238	2075	625	540	432
10	523	393	426	505	497	1258	5265	3142	2084	622	635	430
11	506	364	563	505	502	1367	5044	3332	2020	606	545	439
12	488	368	476	477	564	1399	4705	4317	1827	594	526	435
13	475	400	464	473	720	1362	4358	4200	1669	586	555	429
14	469	475	491	453	905	1308	4075	4028	1568	577	508	428
15	452	612	507	464	1058	1210	3726	3767	1459	571	481	429
16	459	502	435	447	1002	1176	3391	3324	1368	564	468	429
17	504	496	487	433	1084	1161	3311	2832	1289	558	461	425
18	495	490	453	445	976	1167	3133	2688	1230	557	458	426
19	502	415	488	430	905	1270	3018	2931	1179	550	455	424
20	518	367	472	438	933	1366	2937	2751	1117	546	461	422
21	498	446	451	459	1082	1699	3301	2581	1056	535	471	420
22	473	354	439	479	1387	2209	3380	2598	1002	528	485	419
23	470	356	432	449	2833	3139	3434	2756	956	524	469	433
24	499	454	434	514	3118	4017	3442	3106	924	525	458	427
25	509	367	434	501	2851	3445	3481	4038	895	519	456	421
26	486	355	432	513	2579	2919	4913	4541	867	511	497	417
27	504	380	438	476	2189	2687	5918	3653	849	516	484	415
28	491	498	439	464	1816	2783	5075	3076	932	506	463	418
29	474	560	437	---	1581	3063	4605	2939	823	498	451	426
30	489	490	447	---	1407	3441	4370	3101	831	490	442	413
31	---	433	440	---	1346	---	4014	---	808	491	---	405
TOTAL	15505	13699	14194	13540	35801	55423	128457	102056	51499	18374	14473	13363
MEAN	517	442	458	484	1155	1847	4144	3402	1661	593	482	431
MAX	732	612	563	577	3118	4017	5918	4541	3343	874	635	476
MIN	452	354	393	422	464	1161	2937	2581	808	490	438	405
AC-FT	30755	27171	28154	26857	71011	109931	254794	202427	102148	36445	28707	26506

IRRIGATION YEAR 1998 TOTAL 476383 MEAN 1305 AC-FT 944906

PRELIMINARY DATA

8-DEC-98

13186000 SOUTH FORK BOISE RIVER NR FEATHERVILLE
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1997 TO OCTOBER 1998
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	415	289	229	219	229	603	2494	2604	2217	551	258	253
2	360	232	267	234	259	622	2703	2840	2175	508	255	281
3	343	173	292	277	259	686	2931	2938	2138	479	251	285
4	335	180	278	272	224	709	2938	2957	2054	457	246	267
5	326	291	247	276	209	678	2817	2815	1847	437	244	263
6	321	255	199	262	224	649	2773	2610	1698	429	256	263
7	326	309	213	267	223	616	2947	2500	1562	421	273	260
8	331	309	253	274	220	603	3210	2596	1460	404	271	255
9	320	271	216	267	229	603	3521	2588	1381	398	297	253
10	315	211	208	239	251	615	3746	2501	1363	410	345	254
11	310	213	254	253	248	671	3766	2794	1329	388	328	257
12	290	205	272	244	263	693	3465	3219	1197	374	318	256
13	280	210	268	255	293	681	3435	3329	1092	364	343	252
14	275	231	275	244	334	645	3345	3372	1050	355	304	250
15	253	347	280	242	374	604	3022	3220	953	348	284	252
16	238	290	258	250	375	600	2801	2887	887	343	274	253
17	315	292	260	233	409	602	2803	2508	833	337	272	252
18	314	284	266	248	389	610	2538	2326	789	332	266	252
19	324	237	284	225	381	668	2416	2425	747	322	261	251
20	326	194	276	241	400	731	2372	2322	706	315	265	249
21	311	248	261	260	445	921	2609	2253	664	304	273	247
22	267	212	249	245	552	1211	2538	2253	629	296	280	247
23	288	201	254	229	904	1670	2426	2217	606	291	276	260
24	321	232	257	249	1065	2254	2379	2247	600	288	268	254
25	314	229	255	231	1079	1963	2390	2662	596	283	263	249
26	296	220	252	216	1026	1684	3194	2791	575	275	284	246
27	309	235	261	212	897	1585	3524	2274	558	281	282	244
28	290	229	251	208	770	1705	3145	2057	580	276	269	242
29	260	285	235	---	682	1917	2964	2023	556	270	260	245
30	267	273	251	---	619	2200	2836	2101	561	265	255	242
31	---	233	241	---	606	---	2657	---	533	263	---	238
TOTAL	9236	7618	7862	6871	14437	29997	90703	78230	33934	11063	8321	7872
MEAN	308	246	254	245	466	1000	2926	2608	1095	357	277	254
MAX	415	347	292	277	1079	2254	3766	3372	2217	551	345	285
MIN	238	173	199	208	209	600	2372	2023	533	263	244	238
AC-FT	18320	15109	15595	13628	28636	59498	179909	155169	67308	21944	16505	15615
IRRIGATION YEAR 1998 TOTAL 306144 MEAN 839 AC-FT 607235												

8-DEC-98

PRELIMINARY DATA

13190500 SOUTH FORK BOISE RIVER AT ANDERSON RANCH DAM
 DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1997 TO OCTOBER 1998
 MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	300	303	308	301	807	1606	1423	3261	2299	1605	597	298
2	300	302	313	301	806	1624	1409	3207	2301	1569	590	298
3	299	300	308	301	813	1622	1414	3211	2321	1505	590	299
4	299	295	309	582	1178	1624	1419	3203	2316	1480	591	300
5	301	299	306	603	1597	1623	1248	3324	2176	1444	591	300
6	301	300	308	602	1601	1628	1223	3394	1972	1574	593	299
7	301	298	303	611	1587	1614	1211	3403	1895	1637	593	300
8	302	298	305	613	1597	1613	1212	3275	1708	1631	595	303
9	304	299	306	614	1620	1600	1211	3202	1591	1617	597	306
10	304	301	307	613	1618	1596	1212	3198	1608	1601	601	306
11	303	304	307	609	1613	1599	1139	3209	1620	1583	600	306
12	304	302	306	780	1606	1603	1111	3393	1600	1611	601	304
13	304	302	305	802	1610	1604	1114	3746	1581	1613	602	299
14	305	301	303	806	1611	1767	1120	3806	1539	1602	603	296
15	303	314	302	807	1610	1773	1125	3810	1518	1624	592	296
16	304	305	308	807	1611	1768	1480	3801	1502	1631	474	294
17	303	302	306	806	1611	1770	1522	3534	1452	1416	305	296
18	302	301	305	807	1611	1769	2012	3041	1468	1213	291	295
19	305	306	305	805	1609	1768	2802	2797	1482	1021	297	299
20	307	303	305	805	1604	1765	3044	2796	1480	809	303	299
21	305	305	304	808	1602	1760	3335	2609	1486	612	298	300
22	306	306	304	807	1613	1759	3631	2493	1467	614	274	297
23	307	307	305	810	1614	1760	3531	2485	1428	616	271	300
24	307	308	305	810	1615	1767	3412	2505	1475	607	301	298
25	307	310	304	807	1616	1771	3271	2494	1495	609	302	298
26	307	311	301	806	1614	1774	3218	2843	1475	600	301	299
27	301	305	303	806	1611	1773	3939	2876	1486	560	303	302
28	303	305	301	807	1614	1772	4408	2784	1497	603	300	307
29	301	304	301	---	1611	1772	4385	2476	1521	603	307	304
30	302	304	303	---	1612	1758	4167	2292	1541	603	303	303
31	---	305	301	---	1606	---	3570	---	1575	603	---	302
TOTAL	9096	9404	9453	19432	47048	51000	70319	92466	51875	36413	13567	9301
MEAN	303	303	305	694	1518	1700	2268	3082	1673	1175	452	300
MAX	307	314	313	810	1620	1774	4408	3810	2321	1637	603	307
MIN	299	295	301	301	806	1596	1111	2292	1428	560	271	294
AC-FT	18043	18653	18751	38544	93320	101159	139478	183405	102893	72226	26910	18449

IRRIGATION YEAR 1998 TOTAL 419375 MEAN 1149 AC-FT 831830

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PRELIMINARY DATA

8-DEC-98

13194100 BOISE RIVER AT ARROWROCK DAM
 DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1997 TO OCTOBER 1998
 MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	0.0	0.0	123	137	1507	3630	6901	7918	5502	4411	3965	0.0
2	0.0	0.0	123	138	1505	3630	6901	7992	5502	4411	3882	0.0
3	0.0	0.0	124	139	1505	3693	6901	9003	5502	4305	4119	0.0
4	0.0	0.0	124	140	1505	3693	7213	7802	5502	4214	3931	0.0
5	0.0	0.0	125	846	1508	3693	7044	7802	5502	4177	3744	0.0
6	0.0	0.0	125	1200	1516	3693	6888	7802	5000	4177	3556	542
7	0.0	0.0	126	1201	1516	3567	6868	7802	4727	4179	1667	1000
8	0.0	0.0	126	1202	1516	3504	6868	7535	4534	4179	641	1000
9	0.0	0.0	127	1583	1514	3567	6868	7489	4462	4179	472	1000
10	0.0	0.0	127	2286	1510	3567	6868	6842	4304	4200	157	1000
11	0.0	0.0	127	2495	1508	3567	6663	6838	4304	4184	0.0	1000
12	0.0	0.0	128	2497	1513	3567	6247	7973	4304	4191	0.0	1000
13	0.0	0.0	128	2488	1519	3630	6473	7973	4213	4195	0.0	1000
14	0.0	0.0	129	2488	1524	3692	6435	7973	4198	4195	0.0	1000
15	0.0	0.0	129	2488	1529	3693	6209	8351	4181	4134	0.0	1000
16	0.0	0.0	129	2488	1510	3567	6209	8157	4218	4134	0.0	1000
17	0.0	0.0	130	2495	1499	3567	6209	7026	4218	4134	0.0	1000
18	0.0	70	130	1839	1506	3567	6209	6203	4218	4200	0.0	1000
19	0.0	121	131	1509	1513	3567	6510	6191	4218	4235	0.0	575
20	0.0	121	132	1509	1529	3693	7529	6191	4208	4318	0.0	150
21	0.0	121	133	1509	1529	4008	8038	6191	4238	4318	0.0	150
22	0.0	120	133	1509	1529	4674	8038	6003	4419	4251	0.0	150
23	0.0	120	134	1509	2198	5364	8038	5998	4352	4251	0.0	150
24	0.0	120	134	1509	3166	5364	8038	5998	4409	4265	0.0	150
25	0.0	120	134	1508	4409	5364	8038	5975	4409	4232	0.0	150
26	0.0	120	135	1508	3299	5364	7461	6741	4409	4207	0.0	150
27	0.0	120	136	1507	4272	5502	8335	7151	4411	4027	0.0	150
28	0.0	120	136	1507	4272	5502	10485	6890	4403	3847	0.0	175
29	0.0	120	136	---	4272	5796	10848	6158	4417	3666	0.0	200
30	0.0	123	137	---	3882	6264	10576	5970	4398	3486	0.0	200
31	---	123	137	---	3693	---	8041	---	4411	3753	---	200
TOTAL	0	1638	4028	43230	66772	125549	229943	213933	141093	128654	26133	15092
MEAN	0.0	53	130	1544	2154	4185	7418	7131	4551	4150	871	487
MAX	0.0	123	137	2497	4409	6264	10848	9003	5502	4411	4119	1000
MIN	0.0	0.0	123	137	1499	3504	6209	5970	4181	3486	0.0	0.0
AC-FT	0	3250	7989	85746	132441	249026	456092	424337	279858	255185	51834	29935

IRRIGATION YEAR 1998 TOTAL 996064 MEAN 2729 AC-FT 1975693

8-DEC-98

PRELIMINARY DATA

13200000 MORES CREEK ABOVE ROBIE CREEK
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1997 TO OCTOBER 1998
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	123	95	192	125	167	532	814	1208	341	125	42	62
2	107	73	205	143	160	525	822	1121	323	110	44	66
3	99	70	217	182	171	539	830	1033	308	99	44	69
4	95	108	198	217	154	540	860	961	295	92	43	69
5	92	144	200	197	139	538	816	901	278	86	42	69
6	90	178	207	178	151	552	816	840	260	79	47	69
7	93	122	234	196	132	530	930	788	248	76	57	68
8	110	120	236	261	145	532	877	753	236	72	56	66
9	101	100	174	239	145	520	997	725	227	71	72	64
10	96	70	296	192	145	529	1098	686	221	69	91	65
11	93	70	494	198	156	570	1125	664	215	66	75	67
12	90	84	348	172	190	566	1035	673	203	63	70	67
13	83	113	317	170	246	538	1000	643	191	61	67	67
14	80	182	260	159	314	518	955	606	181	59	63	69
15	74	158	244	163	371	494	929	578	171	56	59	70
16	82	123	171	152	385	465	882	563	162	55	57	70
17	94	120	336	147	420	452	953	527	154	54	55	69
18	89	119	202	151	373	445	869	491	146	54	54	69
19	99	113	226	144	353	451	821	476	139	54	54	70
20	114	123	177	147	368	472	788	455	133	53	58	70
21	109	180	149	175	410	531	930	428	128	50	60	70
22	100	211	135	199	542	616	1038	407	122	49	67	70
23	98	232	128	169	1134	777	1087	394	116	49	64	70
24	101	295	128	186	1177	955	1134	388	112	49	62	70
25	110	363	128	160	1118	873	1113	512	109	48	61	70
26	112	404	127	172	1030	743	1530	594	104	47	80	70
27	107	408	137	140	858	678	1993	470	100	49	78	70
28	103	374	137	138	706	686	1926	415	106	47	71	71
29	98	252	129	---	599	730	1759	382	94	45	66	73
30	97	222	151	---	542	778	1564	361	95	43	63	73
31	---	203	141	---	520	---	1358	---	112	43	---	71
TOTAL	2939	5427	6423	4873	13321	17675	33648	19041	5626	1973	1822	2136
MEAN	98	175	207	174	430	589	1085	635	181	64	61	69
MAX	123	408	494	261	1177	955	1993	1208	341	125	91	73
MIN	74	70	127	125	132	445	788	361	94	43	42	62
AC-FT	5829	10764	12740	9666	26422	35059	66741	37767	11159	3913	3614	4236
IRRIGATION YEAR 1998 TOTAL 114903 MEAN 315 AC-FT 227909												

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B-DEC-98

PRELIMINARY DATA

13202000 BOISE RIVER AT LUCKY PEAK DAM
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1997 TO OCTOBER 1998
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	150	215	247	244	1797	2996	5375	9927	6009	4535	4056	2932
2	151	249	243	244	1799	3001	5837	9925	6002	4532	4057	2857
3	141	251	244	243	1802	3000	5999	9932	5875	4525	4042	2839
4	147	250	242	249	1807	3005	6008	10026	5799	4509	3992	2822
5	157	250	243	244	1799	2999	5998	10080	5799	4498	3979	2796
6	156	250	246	243	1801	3196	6010	10302	5608	4499	3979	2820
7	157	250	247	244	1804	3297	6009	10421	5375	4505	3980	2823
8	156	249	244	243	1802	3302	6006	10564	5175	4518	3925	2586
9	157	248	246	538	1803	3417	6005	10301	4854	4504	3867	2354
10	156	248	243	802	1803	3515	5995	9642	4641	4508	3716	1885
11	156	248	242	1103	1798	3326	6317	8892	4602	4504	3564	1854
12	156	247	242	1403	1802	3229	6834	8150	4609	4512	3424	1856
13	156	248	242	1702	1801	3221	7578	7411	4604	4508	3374	1823
14	156	246	244	1800	1801	3153	8336	6653	4604	4498	3341	1252
15	156	245	245	1800	1805	3125	8837	6405	4601	4496	3312	1133
16	155	245	246	1804	1804	3126	8997	6342	4605	4502	3303	1078
17	155	244	246	1805	1807	3124	9004	6296	4603	4483	3305	1077
18	156	244	245	1805	1807	3124	9007	6305	4605	4480	3297	1079
19	157	244	244	1802	1798	3124	9006	6298	4601	4461	3303	591
20	155	245	245	1803	1806	3305	9000	6171	4600	4450	3306	302
21	154	244	243	1803	1801	3588	9003	5974	4602	4445	3304	299
22	155	245	244	1801	1799	3780	9008	5843	4606	4446	3303	301
23	157	243	247	1803	2175	3982	8770	5811	4600	4455	3302	261
24	156	244	244	1804	2669	4052	8602	5800	4598	4453	3306	242
25	156	243	241	1803	2807	4052	8609	6132	4599	4455	3250	242
26	154	245	243	1808	2798	4052	8600	7451	4606	4318	3047	241
27	155	245	243	1803	2801	4323	8679	7780	4593	4156	2955	175
28	155	243	244	1804	2803	4617	8881	7499	4607	4069	2940	345
29	156	243	244	---	2800	4752	9185	6926	4584	4052	2928	241
30	154	245	244	---	2903	5000	9743	6174	4578	4055	2936	241
31	---	246	243	---	2952	---	9933	---	4545	4053	---	242
TOTAL	4634	7598	7566	34548	64355	105784	241168	235432	151685	136982	104389	41586
MEAN	154	245	244	1234	2076	3526	7780	7848	4893	4419	3480	1341
MAX	157	251	247	1808	2952	5000	9933	10564	6009	4535	4057	2932
MIN	141	215	241	243	1797	2996	5375	5800	4545	4052	2928	175
AC-FT	9192	15071	15007	68525	127649	209823	478356	466980	300866	271703	207055	82486

IRRIGATION YEAR 1998 TOTAL 1135726 MEAN 3112 AC-FT 2252712

8-DEC-98

PRELIMINARY DATA

13206000 BOISE RIVER AT GLENWOOD BRIDGE
 DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1997 TO OCTOBER 1998
 MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	267	198	265	272	1937	1966	2188	8235	3105	1319	969	713
2	261	272	273	273	1938	1950	2594	8226	2868	1299	1068	708
3	257	262	269	270	1962	2009	2927	8257	2733	1308	1103	723
4	244	257	265	273	1946	1987	3001	8239	2649	1297	1092	719
5	256	263	255	276	1921	1968	2903	8215	2629	1300	1094	699
6	252	264	276	272	1933	1932	3047	8207	2477	1289	1134	697
7	266	267	232	268	1917	1855	3084	8199	2139	1277	1162	718
8	255	309	255	273	1919	1770	3075	8143	1884	1276	1165	739
9	253	270	250	278	1918	1795	2992	7751	1582	1293	1198	767
10	211	260	257	473	1929	1869	2875	6990	1452	1292	1084	435
11	179	260	286	1023	1916	1861	3233	6230	1351	1302	1013	286
12	176	260	280	1377	1921	1878	3914	5563	1338	1287	1018	342
13	178	261	286	1731	1917	1925	4597	4858	1331	1274	1035	377
14	178	264	274	1913	1914	1990	5371	4147	1329	1287	1038	425
15	177	266	293	1942	1929	1934	5801	3765	1331	1293	1022	346
16	176	268	276	1943	1949	1938	6143	3699	1313	1303	1018	296
17	179	270	323	1930	1922	1912	6287	3623	1312	1326	1044	297
18	179	266	288	1990	1919	1889	6281	3618	1305	1328	923	294
19	189	265	334	1936	1914	1866	6309	3615	1294	1336	799	446
20	196	257	300	1933	1913	1901	6288	3502	1296	1349	806	588
21	184	259	285	1965	1915	1978	6412	3287	1305	1205	808	332
22	178	258	279	1956	1936	1960	6670	3103	1295	1137	807	320
23	179	290	274	1946	1918	1936	6917	3050	1295	1149	807	298
24	182	234	277	1975	1881	1956	6842	3052	1291	1159	815	257
25	186	264	275	1982	1899	1880	6852	3449	1299	1179	792	255
26	184	267	272	1934	1903	1836	7047	4466	1299	1286	774	256
27	181	268	274	1915	1892	1883	7165	5708	1307	1104	693	258
28	178	270	275	1972	1894	1864	7384	5302	1302	988	695	266
29	176	264	275	---	1881	1754	7514	4915	1317	969	701	264
30	176	268	286	---	1862	1834	7958	3686	1328	973	711	266
31	---	266	274	---	1930	---	8260	---	1372	965	---	262
TOTAL	6131	8164	8582	36288	59441	57076	161928	163099	51126	38149	28385	13645
MEAN	204	263	277	1296	1917	1903	5223	5437	1649	1231	946	440
MAX	267	309	334	1990	1962	2009	8260	8257	3105	1349	1198	767
MIN	176	198	232	268	1862	1754	2188	3050	1291	965	693	255
AC-FT	12161	16193	17022	71977	117901	113210	321184	323506	101409	75668	56302	27065
IRRIGATION YEAR 1998	TOTAL		632014	MEAN	1732	AC-FT 1253599						

8-DEC-98

PRELIMINARY DATA

13213000 BOISE RIVER PARMA
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1997 TO OCTOBER 1998
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	1082	888	865	950	2417	2280	1367	10061	3419	1300	1136	1348
2	1019	919	873	950	2426	2307	1698	10037	3101	1300	1116	1377
3	1012	964	892	945	2561	2248	2071	9926	3000	1300	1121	1374
4	1004	945	873	955	2491	2296	2212	9686	2888	1297	1132	1351
5	989	931	860	953	2465	2349	2256	9709	2878	1294	1122	1347
6	993	944	846	900	2444	2302	2299	9504	2850	1281	1179	1337
7	999	960	885	895	2418	2191	2344	9364	2449	1314	1228	1379
8	1018	1033	871	901	2425	2110	2357	9208	2167	1293	1271	1380
9	987	1049	864	897	2426	2039	2605	8956	1960	1312	1383	1359
10	979	977	878	904	2419	2107	2773	8360	1709	1332	1614	1322
11	992	932	901	1243	2408	2128	3336	7241	1573	1310	1542	1108
12	984	891	943	1698	2408	2124	3971	6297	1546	1244	1432	936
13	976	883	1001	2018	2406	2096	4609	5634	1558	1048	1385	949
14	962	886	988	2308	2397	2243	5209	4765	1512	1015	1392	947
15	939	888	1107	2420	2405	2217	5809	4030	1446	1058	1305	977
16	932	904	1066	2429	2410	2106	6334	3887	1456	1097	1236	870
17	942	905	1138	2417	2400	2025	6791	3751	1384	1123	1198	792
18	939	900	1188	2390	2389	1982	7881	3520	1334	1125	1174	753
19	947	881	1169	2383	2398	1908	7785	3374	1307	1128	1187	742
20	952	872	1255	2380	2379	1816	7829	3336	1333	1124	1208	926
21	939	877	1099	2394	2375	1667	7861	3080	1250	1109	1247	1048
22	923	868	1065	2479	2393	1510	8639	2870	1235	1154	1224	946
23	920	865	1026	2424	2483	1421	8697	2694	1226	1165	1209	957
24	916	889	1002	2501	2433	1495	8562	2638	1248	1240	1222	956
25	968	844	1010	2480	2408	1481	8436	3019	1300	1331	1256	927
26	931	849	984	2440	2414	1411	8648	4217	1300	1285	1552	914
27	929	854	982	2431	2376	1387	9523	5352	1300	1188	1516	900
28	905	851	979	2418	2386	1376	9545	5375	1300	1221	1430	907
29	898	857	972	---	2370	1285	9363	5120	1300	1250	1408	901
30	894	865	980	---	2261	1213	9436	4271	1300	1154	1360	908
31	---	865	973	---	2283	---	9742	---	1300	1099	---	928
TOTAL	28871	28036	30533	50499	74670	57116	179985	179280	54929	37490	38783	32863
MEAN	962	904	985	1804	2409	1904	5806	5976	1772	1209	1293	1060
MAX	1082	1049	1255	2501	2561	2349	9742	10061	3419	1332	1614	1380
MIN	894	844	846	895	2261	1213	1367	2638	1226	1015	1116	742
AC-FT	57265	55609	60562	100164	148108	113290	357001	355602	108952	74361	76927	65185

IRRIGATION YEAR 1998 TOTAL 793056 MEAN 2173 AC-FT 1573025

RESERVOIRS

8-DEC-98

PRELIMINARY DATA

13190000 ANDERSON RANCH RESERVOIR
 CONTENTS IN ACRE FEET, IRRIGATION YEAR NOVEMBER 1997 TO OCTOBER 1998

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	382488	386698	386563	390805	372799	327514	325868	423178	423419	390805	347300	341870
2	382714	386657	386657	391024	372019	326426	330176	423846	423660	388730	346719	342031
3	382806	386470	386874	391160	371278	325593	334922	424701	423605	386791	346214	342116
4	383115	386335	386968	390711	369667	325035	339847	425698	423320	384812	345681	342031
5	383341	386470	386874	390441	367232	324147	344719	425983	423134	382889	345138	342116
6	383609	386429	386740	390037	364805	323076	349345	425698	422894	380666	344557	342192
7	383835	386740	386791	389715	362433	321882	354474	424986	422524	378667	344138	342192
8	384010	386874	386874	389404	360026	320771	360588	424843	422284	376450	343642	342192
9	384144	387061	386740	388948	357605	319733	367401	424942	422143	374427	343357	342154
10	384411	386874	387009	388461	355354	318895	375044	424602	421805	372189	343062	342239
11	384452	386833	387776	388098	352994	318228	382621	424898	421478	370007	342646	342192
12	384545	386657	388139	387331	350726	317516	389311	425512	420868	367789	342277	342239
13	384545	386470	388326	386470	348548	316659	396218	425610	420062	365541	341993	342362
14	384545	386605	388678	385707	346471	314222	402931	425840	419115	363340	341492	342324
15	384452	386833	388948	385079	344519	312737	408798	425698	418169	361022	341123	342324
16	384503	386968	389135	384010	342523	311323	413657	425040	417044	358795	340915	342362
17	384730	387237	389497	383156	340839	309891	418494	423747	415961	356844	341000	342362
18	384863	387372	389632	382354	338939	308533	421435	423276	414695	355402	340915	342447
19	385131	387331	389715	381329	337015	307370	422470	423178	413334	354174	341038	342447
20	385532	387144	390037	380533	335175	306363	422992	422851	411882	353294	341123	342485
21	385625	387103	390078	379911	333506	306477	423561	422753	410290	352868	341331	342570
22	385532	387009	390213	379105	332323	306980	423276	422949	408659	352404	341416	342646
23	385799	386833	390254	378269	332249	308613	422894	422992	407091	351862	341539	342693
24	385974	386698	390348	377463	332491	311717	422524	423178	405417	351350	341539	342769
25	386026	386605	390306	376632	332817	313828	422328	424372	403758	350813	341577	342769
26	386159	386470	390805	375530	332975	315235	424799	424986	402010	350304	341662	342816
27	386335	386377	390617	374609	332770	316263	425895	424372	400208	349892	341823	342854
28	386563	386294	390576	373678	332081	317642	425325	423517	398508	349392	341823	342939
29	386512	386470	390617	---	331028	319496	424273	423090	396682	348846	341870	342939
30	386563	386563	390752	---	329936	322037	423419	423090	394526	348346	341823	342939
31	---	386470	390752	---	328605	---	423036	---	392801	347838	---	343024
MAX	386563	387372	390805	391160	372799	327514	425895	425983	423660	390805	347300	343024
MIN	382488	386294	386563	373678	328605	306363	325868	422753	392801	347838	340915	341870
CHNG		-93	4282	-17074	-45073	-6568	100999	54	-30289	-44963	-6015	1201

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PRELIMINARY DATA

13194000 ARROWROCK RESERVOIR
 CONTENTS IN ACRE FEET, IRRIGATION YEAR NOVEMBER 1997 TO OCTOBER 1998

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	84789	140481	182922	229157	223907	275187	278277	288243	287558	216836	62345	78000
2	86964	142079	184234	230667	223852	275156	278579	288462	287344	213049	56974	79695
3	88994	143441	185566	232952	223724	275277	278997	288642	287372	209175	50898	81436
4	90976	144838	186786	236413	224007	275335	278997	288429	287251	205348	44327	83124
5	92999	146900	187938	238152	224970	275277	278579	288117	286846	201378	38158	84836
6	94972	148581	188970	238777	226169	275187	278425	287651	286474	197467	32880	85044
7	96993	150535	190149	239557	227260	275097	279478	287065	286009	193557	31279	83961
8	99000	152511	191275	240501	228377	275039	280288	286534	285358	189571	31700	82922
9	100922	154170	192235	240334	229572	275007	280680	285730	284183	185750	32725	81946
10	102776	155658	193507	238700	230694	275007	281067	285916	283171	181543	34600	80971
11	104577	157023	195476	236778	231967	275129	282031	286627	281941	177220	39180	80145
12	106311	158388	197107	234927	233395	275156	283718	287837	280526	172940	41900	79381
13	108002	159903	198500	233135	235165	275097	284336	288182	278875	168673	44591	78571
14	109750	161540	199989	231264	237377	275246	284210	288024	276986	164417	47129	77835
15	111405	163453	201449	229522	239895	275129	283718	287624	274738	160301	49529	77069
16	113116	165236	202824	227702	242603	275097	283592	286813	272313	156228	51821	76393
17	114904	167022	205173	225672	245373	275039	283565	286693	269552	151691	53753	75748
18	116754	168474	207002	224970	247956	275039	283565	287186	266674	146608	55437	75133
19	118629	169550	209424	224842	250220	275129	284429	287684	263741	142144	57158	75555
20	120624	170519	211224	224737	252543	275246	282270	287717	260667	137681	58926	77069
21	122485	171576	212774	224815	255189	275669	280977	287218	257476	130208	60681	78524
22	124252	172411	214209	224892	258957	276240	280346	286600	253970	122734	62448	79950
23	125980	173205	215666	224842	264875	277468	279748	286255	250250	115261	64126	81436
24	127799	174305	217096	224842	270632	278669	278907	286288	246467	107788	65791	82954
25	129782	175205	218471	224764	273422	278066	277886	288303	242686	101329	67484	84371
26	131619	176047	219928	224609	275785	277410	281968	289453	238987	94683	69319	85813
27	133439	177016	221513	224372	276298	277076	287651	289234	235371	88244	71134	87203
28	135258	178232	223072	224035	275997	277166	288736	288708	231862	82488	72856	88483
29	137001	179515	224582	---	275611	277526	288336	287963	228067	77475	74522	89667
30	138720	180737	226220	---	275335	278039	287279	287531	224427	73178	76244	90804
31	---	181844	227757	---	275219	---	287717	---	220474	67969	---	91979
MAX	138720	181844	227757	240501	276298	278669	288736	289453	287558	216836	76244	91979
MIN	84789	140481	182922	224035	223724	275007	277886	285730	220474	67969	31279	75133
CHNG		43124	45913	-3722	51184	2820	9678	-186	-67057	-152505	8275	15735

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PRELIMINARY DATA

13201500 LUCKY PEAK RESERVOIR
 CONTENTS IN ACRE FEET, IRRIGATION YEAR NOVEMBER 1997 TO OCTOBER 1998

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	85485	83761	82895	96143	130285	165150	219864	257178	263494	264398	260735	109705
2	85468	83495	83228	96583	130305	166716	221976	256176	263878	264646	259972	104385
3	85401	83162	83511	97202	130305	168355	224755	255233	264481	264728	259782	99027
4	85183	82845	83744	97767	130285	170022	227807	253806	265031	264674	260163	93747
5	85284	82579	84044	99738	130206	171855	230313	252090	265114	264536	260027	88581
6	85200	82265	84244	102340	130146	173224	232111	249445	264700	264343	259455	84764
7	85049	82100	84528	104911	130066	174101	233658	246126	264069	264179	255502	82100
8	85015	82001	84831	107656	130007	174980	236065	242461	263522	264042	249739	79811
9	84998	81836	84982	110632	129947	175545	239788	239214	263440	263768	243513	77934
10	84932	81538	85351	114244	129868	175794	244462	235727	263878	263768	236870	76946
11	84881	81224	85905	117674	129888	176630	247584	233555	264234	263796	230236	75929
12	84797	81059	86428	120314	129927	177812	248034	234020	264371	263823	223744	74854
13	84713	80779	86867	122477	130066	178858	247451	237103	264343	263851	217363	73816
14	84646	80500	87273	124343	130365	180160	245464	241988	264288	263796	211071	73832
15	84512	80271	87781	126239	130744	181349	242067	247027	264206	263741	204814	74054
16	84394	80172	88172	128087	131202	182406	237884	251902	264124	263412	198554	74309
17	84344	79959	88887	129908	131620	183394	233917	254937	264014	263249	192314	74549
18	84277	80024	89466	130525	132039	184272	229494	255987	263960	263139	186029	74757
19	84277	80271	90290	130425	132399	185312	225721	256636	263823	263221	179840	74950
20	84311	80385	90805	130365	132800	186192	225009	257692	263686	263522	173584	74725
21	84244	80615	91304	130425	133261	187098	225543	258965	263549	263796	167379	74485
22	84261	80828	91753	130525	134244	188541	226432	260217	263494	263988	161207	74246
23	84177	80976	92237	130544	137054	191844	227782	261606	263549	263796	154987	74150
24	84127	81125	92583	130485	139723	197741	229520	262947	263659	263878	148790	73975
25	84144	81290	93016	130485	144152	203507	231084	263851	263714	263933	142704	73911
26	84078	81472	93486	130485	147950	207760	232806	264508	263714	264151	137114	73848
27	84078	81604	93921	130425	152278	210456	236948	264014	263768	264343	131620	73768
28	84044	81852	94373	130305	156146	212375	244910	263029	263686	264097	126160	73784
29	83978	82150	94758	---	159274	214552	252143	262510	263796	263194	120681	73959
30	83894	82431	95266	---	161600	217163	257258	262865	264014	261661	115207	74086
31	---	82679	95757	---	163458	---	258098	---	264097	260953	---	74246
MAX	85485	83761	95757	130544	163458	217163	258098	264508	265114	264728	260735	109705
MIN	83894	79959	82895	96143	129868	165150	219864	233555	263440	260953	115207	73768
CHNG		-1215	13078	34548	33153	53705	40935	4767	1232	-3144	-145746	-40961

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