

**WATER DISTRIBUTION
OF
BOISE RIVER
DISTRICT 63
1988**

REPORT ON
CANAL DELIVERIES FROM
BOISE RIVER
AND
DIFFERENT FEATURES AFFECTING THESE
DELIVERIES FOR THE IRRIGATION SEASON
OF 1988

(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
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WATERMASTER, BOISE RIVER

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SUMMARY

Last year I said there was one word that best summarized the 1987 water year and that word was "drought". The 1988 water year is summarized best by saying "two in a row". The unthinkable finally occurred on the Boise River, two drought years in a row.

The 1987 drought left the reservoir system in a sorry state with very little carryover going into 1988. So irrigators, managers and water planners took a close look at the snowpack that was slowly accumulating early in the 1988 water year. Water conservation plans were implemented early and runoff predictions were fine tuned. With everyone working closely together, most irrigators had a good idea of how much water to expect and adjusted crops or irrigation methods accordingly.

The Boise Basin only produced 1.05 million acre feet of runoff, far short of what would be needed to bring the basin back to a normal irrigation year. Irrigation started on the Boise River system on the 1st of April and continued until the 31st of October. With severe belt tightening all canals were able to supply water until at least the 1st of September. September and October were very dry and water was in heavy demand by those who still had natural flow and storage available to them. Again in 1988 as in 1987, the reservoirs were left nearly dry with only 140,000 Ac.Ft. in the upper three.

Because of the second drought year in a row the need for an additional water management tool for the Boise River was recognized, and that tool was a Water Bank. With help from the Bureau of Reclamation, Department of Water Resource and the Water District Advisory Board a Water Bank was formed. The bank allowed for entities with extra storage water to sell that storage through the bank to those canals and irrigators that were faced with the most severe shortages. The bank operated smoothly with over 26,500 Ac.Ft. of storage water sold and transferred. Much needed

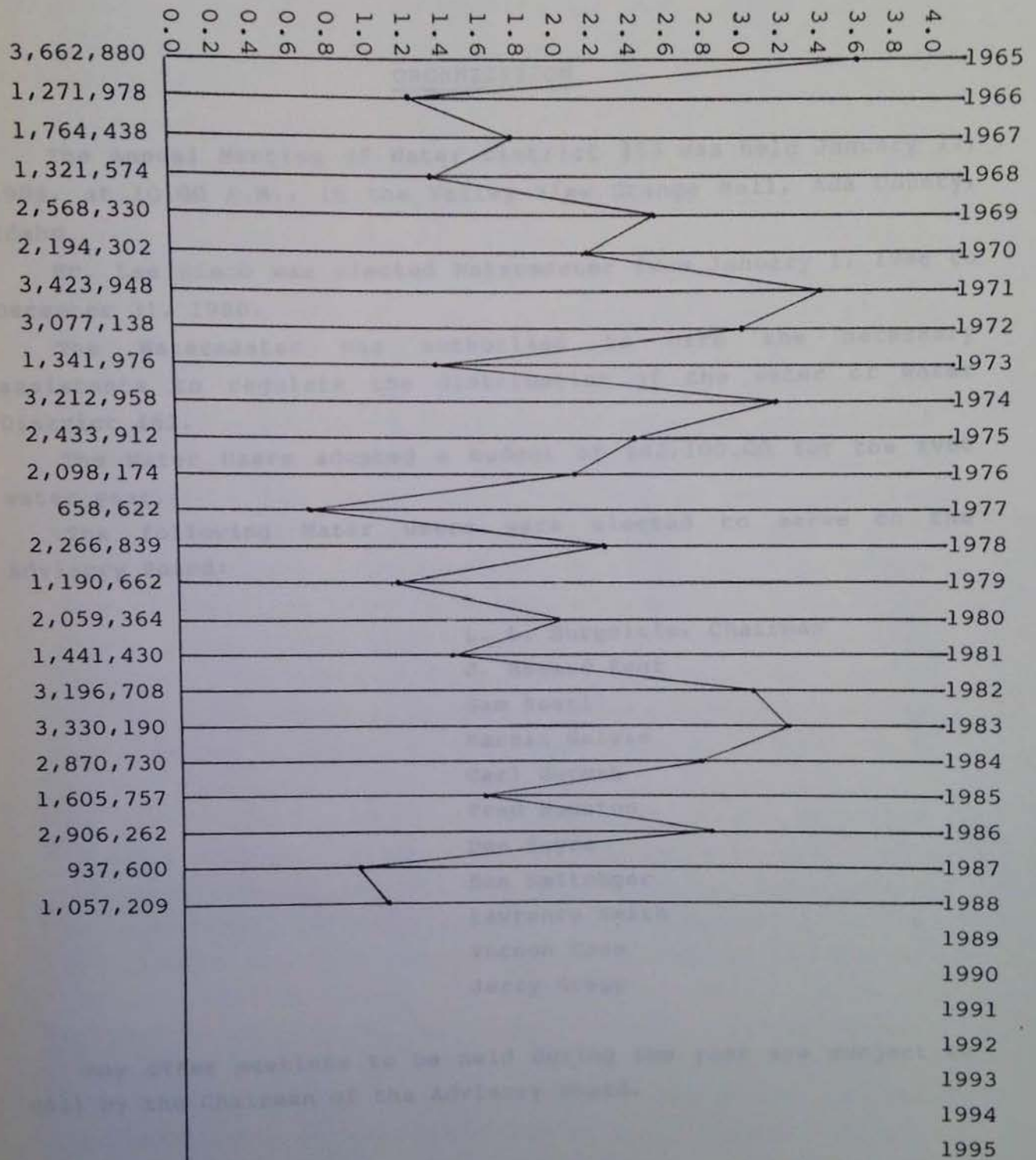
storage water was provided by the bank to several canals and water users, that without the additional water, would have faced being shut off in early August. With the success the bank had in 1988, it will continue to be a valuable tool for the management of the Boise River.

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.

Cooperative assistance is rendered by the Boise Project Board of Control in current meter work for which the proper remuneration is made.

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

RUNOFF IN MILLIONS OF ACRE-FEET



ANNUAL RUNOFF OF BOISE RIVER

ORGANIZATION

The Annual Meeting of Water District #63 was held January 11, 1988, at 10:00 A.M., in the Valley View Grange Hall, Ada County, Idaho.

Mr. Lee Sisco was elected Watermaster from January 1, 1988 to December 31, 1988.

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

The Water Users adopted a budget of \$42,100.00 for the 1988 water year.

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

L. L. Murgoitio, Chairman
J. Howard Kent
Sam Rosti
Martin Galvin
Carl German
Fred Houston
Don Sayre
Don Smitchger
Lawrence Smith
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 determining 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 Intervenor 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	John W. Stewart Co.	100%	100%	05-0119
2	Stewart	John W. Stewart Co.	100%	100%	05-0120
3	Stewart	John W. Stewart Co.	100%	100%	05-0121
4	Stewart	John W. Stewart Co.	100%	100%	05-0122
5	Stewart	John W. Stewart Co.	100%	100%	05-0123
6	Stewart	John W. Stewart Co.	100%	100%	05-0124
7	Stewart	John W. Stewart Co.	100%	100%	05-0125
8	Stewart	John W. Stewart Co.	100%	100%	05-0126
9	Stewart	John W. Stewart Co.	100%	100%	05-0127
10	Stewart	John W. Stewart Co.	100%	100%	05-0128
11	Stewart	John W. Stewart Co.	100%	100%	05-0129
12	Stewart	John W. Stewart Co.	100%	100%	05-0130
13	Stewart	John W. Stewart Co.	100%	100%	05-0131
14	Stewart	John W. Stewart Co.	100%	100%	05-0132
15	Stewart	John W. Stewart Co.	100%	100%	05-0133
16	Stewart	John W. Stewart Co.	100%	100%	05-0134
17	Stewart	John W. Stewart Co.	100%	100%	05-0135
18	Stewart	John W. Stewart Co.	100%	100%	05-0136
19	Stewart	John W. Stewart Co.	100%	100%	05-0137
20	Stewart	John W. Stewart Co.	100%	100%	05-0138
21	Stewart	John W. Stewart Co.	100%	100%	05-0139
22	Stewart	John W. Stewart Co.	100%	100%	05-0140
23	Stewart	John W. Stewart Co.	100%	100%	05-0141
24	Stewart	John W. Stewart Co.	100%	100%	05-0142
25	Stewart	John W. Stewart Co.	100%	100%	05-0143
26	Stewart	John W. Stewart Co.	100%	100%	05-0144
27	Stewart	John W. Stewart Co.	100%	100%	05-0145
28	Stewart	John W. Stewart Co.	100%	100%	05-0146
29	Stewart	John W. Stewart Co.	100%	100%	05-0147
30	Stewart	John W. Stewart Co.	100%	100%	05-0148
31	Stewart	John W. Stewart Co.	100%	100%	05-0149
32	Stewart	John W. Stewart Co.	100%	100%	05-0150
33	Stewart	John W. Stewart Co.	100%	100%	05-0151
34	Stewart	John W. Stewart Co.	100%	100%	05-0152
35	Stewart	John W. Stewart Co.	100%	100%	05-0153
36	Stewart	John W. Stewart Co.	100%	100%	05-0154
37	Stewart	John W. Stewart Co.	100%	100%	05-0155
38	Stewart	John W. Stewart Co.	100%	100%	05-0156
39	Stewart	John W. Stewart Co.	100%	100%	05-0157
40	Stewart	John W. Stewart Co.	100%	100%	05-0158
41	Stewart	John W. Stewart Co.	100%	100%	05-0159
42	Stewart	John W. Stewart Co.	100%	100%	05-0160
43	Stewart	John W. Stewart Co.	100%	100%	05-0161
44	Stewart	John W. Stewart Co.	100%	100%	05-0162
45	Stewart	John W. Stewart Co.	100%	100%	05-0163
46	Stewart	John W. Stewart Co.	100%	100%	05-0164
47	Stewart	John W. Stewart Co.	100%	100%	05-0165
48	Stewart	John W. Stewart Co.	100%	100%	05-0166
49	Stewart	John W. Stewart Co.	100%	100%	05-0167
50	Stewart	John W. Stewart Co.	100%	100%	05-0168
51	Stewart	John W. Stewart Co.	100%	100%	05-0169
52	Stewart	John W. Stewart Co.	100%	100%	05-0170
53	Stewart	John W. Stewart Co.	100%	100%	05-0171
54	Stewart	John W. Stewart Co.	100%	100%	05-0172
55	Stewart	John W. Stewart Co.	100%	100%	05-0173
56	Stewart	John W. Stewart Co.	100%	100%	05-0174
57	Stewart	John W. Stewart Co.	100%	100%	05-0175
58	Stewart	John W. Stewart Co.	100%	100%	05-0176
59	Stewart	John W. Stewart Co.	100%	100%	05-0177
60	Stewart	John W. Stewart Co.	100%	100%	05-0178
61	Stewart	John W. Stewart Co.	100%	100%	05-0179
62	Stewart	John W. Stewart Co.	100%	100%	05-0180
63	Stewart	John W. Stewart Co.	100%	100%	05-0181
64	Stewart	John W. Stewart Co.	100%	100%	05-0182
65	Stewart	John W. Stewart Co.	100%	100%	05-0183
66	Stewart	John W. Stewart Co.	100%	100%	05-0184
67	Stewart	John W. Stewart Co.	100%	100%	05-0185
68	Stewart	John W. Stewart Co.	100%	100%	05-0186
69	Stewart	John W. Stewart Co.	100%	100%	05-0187
70	Stewart	John W. Stewart Co.	100%	100%	05-0188
71	Stewart	John W. Stewart Co.	100%	100%	05-0189
72	Stewart	John W. Stewart Co.	100%	100%	05-0190
73	Stewart	John W. Stewart Co.	100%	100%	05-0191
74	Stewart	John W. Stewart Co.	100%	100%	05-0192
75	Stewart	John W. Stewart Co.	100%	100%	05-0193
76	Stewart	John W. Stewart Co.	100%	100%	05-0194
77	Stewart	John W. Stewart Co.	100%	100%	05-0195
78	Stewart	John W. Stewart Co.	100%	100%	05-0196
79	Stewart	John W. Stewart Co.	100%	100%	05-0197
80	Stewart	John W. Stewart Co.	100%	100%	05-0198
81	Stewart	John W. Stewart Co.	100%	100%	05-0199
82	Stewart	John W. Stewart Co.	100%	100%	05-0200
83	Stewart	John W. Stewart Co.	100%	100%	05-0201
84	Stewart	John W. Stewart Co.	100%	100%	05-0202
85	Stewart	John W. Stewart Co.	100%	100%	05-0203
86	Stewart	John W. Stewart Co.	100%	100%	05-0204
87	Stewart	John W. Stewart Co.	100%	100%	05-0205
88	Stewart	John W. Stewart Co.	100%	100%	05-0206
89	Stewart	John W. Stewart Co.	100%	100%	05-0207
90	Stewart	John W. Stewart Co.	100%	100%	05-0208
91	Stewart	John W. Stewart Co.	100%	100%	05-0209
92	Stewart	John W. Stewart Co.	100%	100%	05-0210
93	Stewart	John W. Stewart Co.	100%	100%	05-0211
94	Stewart	John W. Stewart Co.	100%	100%	05-0212
95	Stewart	John W. Stewart Co.	100%	100%	05-0213
96	Stewart	John W. Stewart Co.	100%	100%	05-0214
97	Stewart	John W. Stewart Co.	100%	100%	05-0215
98	Stewart	John W. Stewart Co.	100%	100%	05-0216
99	Stewart	John W. Stewart Co.	100%	100%	05-0217
100	Stewart	John W. Stewart Co.	100%	100%	05-0218

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	5-1-1889	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. MUSSEY	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 & SONGER	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		AMOUNT DECREED			INCHES	TOTAL SEC. FT.
			NO.	DATE	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	6-1-1870	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		41.28	
			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	1880		3.20		150	
	127		20	6-1-1865	.80			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*	36.3745

*SUBTRACT

STEWART AND BRYAN DECREES GROUPED UNDER CANAL HEADINGS

CHART NO. 9

NAME OF CANAL	CHANGE IN P. OF D.	TRANSFER	PRIORITY NO.	DATE	AMOUNT DECREED			TOTAL SEC. FT.
					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
BOONE DITCH			28	6-1-1865	7.00			350
			47	6-1-1869	3.50			175
			59	6-1-1874	2.20			110
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
			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			5.40	270
								21.14

*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	
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	NO.	PRIORITY DATE	INTERVENORS			INCHES	TOTAL SEC. FT.
					STEWART	STEWART	BRYAN		
					DECREE	DECREE	DECREE		
EUREKA No. 2			89	11-9-1883	21.70			1085	
	47		96	10-1-1887	29.50			1475	
	62		96	10-1-1887	1.00			50	
	71		24	6-1-1865	.80			40	
	85		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	3)	6-1-1864					
			54)	6-1-1871	.15			7.5	
		393	3)	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*	
			65	6-1-1877	.80			40	
	84								
		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

*SUBTRACT

STEWART AND BRYAN DECREES GROUPED UNDER CANAL HEADINGS

CHART NO. 3

NAME OF CANAL	CHANGE IN P. OF D.	TRANSFER	NO.	PRIORITY DATE	AMOUNT DECREED			
					INTERVENORS			TOTAL SEC. FT.
					STEWART DECREE	STEWART DECREE	BRYAN DECREE	
EUREKA No. 2			89	11-9-1883	21.70			1085
	47		96	10-1-1887	29.50			1475
	62		96	10-1-1887	1.00			50
	71		24	6-1-1865	.80			40
	85		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	3)	6-1-1864				
			54)	6-1-1871	.15			7.5
		393	3)	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*
			65	6-1-1877	.80			40
	84		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

*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	INTERVENORS			INCHES	
					STEWART DECREE	STEWART DECREE	BRYAN DECREE		
HAAS DITCH	176		39	6-1-1868	8.54			427	17.34
			70	6-1-1878	8.80			440	
HART & DAVIS			6	6-1-1864	3.30			165	9.96
			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*	
ISLAND HIGH LINE			71-A	4-1-1879		3.00		150	20.00
			137-A	4-1-1910		7.00		350	
			139	4-1-1915		10.00		500	
LEMP DITCH			8-C	1865		6.00		300	6.00
LITTLE PIONEER	1575		49	6-1-1870	25.72			1286	26.82
			31-C	6-1-1866		1.10		55	
LOWER CENTER POINT			19	6-1-1865	2.88			144	19.60
			20	6-1-1865	6.40			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	
			19	6-1-1865	2.88*			144*	
			20	6-1-1865	6.40*			320*	
			89	11-9-1883	.70			35	
			89	11-9-1883	.60			30	
			89	11-9-1883	1.40			70	

*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
HAAS DITCH	176		39	6-1-1868	8.54			427	17.34
			70	6-1-1878	8.80			440	
HART & DAVIS	38*) 39*)		6	6-1-1864	3.30			165	9.96
			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*	
ISLAND HIGH LINE			71-A	4-1-1879		3.00		150	20.00
			137-A	4-1-1910		7.00		350	
			139	4-1-1915		10.00		500	
LEMP DITCH			B-C	1865		6.00		300	6.00
LITTLE PIONEER	1575		49	6-1-1870	25.72			1286	26.82
			31-C	6-1-1866		1.10		55	
LOWER CENTER POINT	50* 51* 131 245 287		19	6-1-1865	2.88			144	19.60
			20	6-1-1865	6.40			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	
			19	6-1-1865	2.88*			144*	
			20	6-1-1865	6.40*			320*	
			89	11-9-1883	.70			35	
			89	11-9-1883	.60			30	
			89	11-9-1883	1.40			70	

*SUBTRACT

STEWART AND BRYAN DECREES GROUPED UNDER CANAL HEADINGS

CHART NO. 9

NAME OF CANAL	CHANGE P. OF D.	TRANSFER	PRIORITY		AMOUNT DECREED			INCHES	TOTAL SEC. FT.
			NO.	DATE	INTERVENORS		BRYAN DECREE		
					STEWART DECREE	STEWART DECREE			
MACE CATLIN			5	6-1-1864	2.86			143	
			52	6-1-1871	7.86			393	
	179*		51	6-1-1864	.168*			8.4	
			52)	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					
			54)	6-1-1871	.35*			17.5*	
			120)	6-1-1891					
		301*	31	6-1-1864					
			54)	6-1-1871	1.54*			77*	
			120)	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					
			54)	6-1-1871	.15*			7.5*	
		393*	31	6-1-1864					
			54)	6-1-1871	.288*			14.4*	
			120)	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			TOTAL SEC. FT.
			NO.	DATE	STEWART DECREE	INTERVENORS STEWART DECREE	BRYAN DECREE	INCHES
MIDDLETON IRRIGATION			65	6-1-1877	114.08			5704
	36		35	6-1-1867	.38			19
	57*		65	6-1-1877	.50*			30*
	61		31-B	6-1-1866		.60		30
	84*		65	6-1-1877	.80*			40*
	126		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*
		387*	65	6-1-1877	.40*			20"
		392*	65	6-1-1877	.40*			20*
		395*	65	6-1-1877	.50*			25*
								112.794
<u>MISCELLANEOUS</u>								
R. B. BETTY		1009	73-A	4-1-1880		.10		5
CRAWFORTH PUMP	227		114-A	5-1-1889		1.60		80
BOISE RIVER			80	6-1-1882	1.60			80
DRAINAGE DISTRICT #4			85-A	6-1-1882		1.76		88
(MARSTERS DITCH)	83*		85-A	6-1-1882		.72*		36*
MANVILLE-LEONARD			32	6-1-1866	3.50			175
		1855*	32	6-1-1866	1.80*			90*
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	PRIORITY		AMOUNT DECREED			TOTAL SEC. FT.
			NO.	DATE	STEWART DECREE	INTERVENORS 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	90	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	PRIORITY		AMOUNT DECREED			INCHES	TOTAL SEC. FT.
			NO.	DATE	STEWART DECREE	STEWART DECREE	BRYAN DECREE		
NEW YORK			131	3-23-1900	219.10			10955	
				3-23-1900			58.86	2343	
				12-14-1903			1354.58	67729	
				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-B	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	
		1036	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	NO.	PRIORITY DATE	AMOUNT DECREED			INCHES	TOTAL SEC. FT.	
					INTERVENORS		BRYAN DECREE			
					STEWART DECREE	STEWART 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*		
				7-7-1914			20.90	1045	58.50	
	RIDENBAUGH (NANPA & 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-B	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	
			NO.	DATE	STEWART DECREE	INTERVENORS STEWART DECREE	BRYAN DECREE	INCHES	SEC. FT.
ROSSI MILL			16	6-1-1865	9.20			460	
			18	6-1-1865	.80			40	10.00
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	STEWART DECREE	STEWART DECREE	BRYAN DECREE	
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
					1.34			67
			720	30 5-1-1866	1.00			50
			736	37 6-1-1868	1.10			55
			737	30 5-1-1866	.15			7.5
			739	30 5-1-1866	.46			23
			753	30 5-1-1866	.48			24
			829	30 5-1-1866	.288			14.4
			871	36 6-1-1868	.22			11
			872	36 6-1-1868	.20			10
			873	30 5-1-1866	.10			5
			890	30 5-1-1866	.10			5
			906	30 5-1-1866	.20			10
			917	30 5-1-1866	.025			1.25
			918	30 5-1-1866	.05			2.5
			940	30 5-1-1866	.20			10
			977	30 5-1-1866	.10			5
			979	30 5-1-1866	.12			6
			980	30 5-1-1866	.20			10
			989	30 5-1-1866	.03			4
			990	30 5-1-1866	.16			8
			991	30 5-1-1866	.40			20
			1711	67 5-1-1878				
SEVEN SUCKERS			57	6-1-1872	.54			27
	38)		58	6-1-1872	.50			25
	39)		51	6-1-1864	.168			8.4
	179		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 NO.	DATE	AMOUNT DECREED			INCHES	TOTAL SEC. FT.
					STEWART DECREE	INTERVENORS 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*	35.652
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 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 DECREED
RIGHTS AND FLOW NECESSARY IN SECOND FEET TO FILL
TO 60% - 75% AND 100%

CHART NO. 4

NO.	CANAL	RIVER SECTION	100% OF DEGREE	75% OF DEGREE	60% OF DEGREE	FLOW TO FILL 60%	FLOW TO FILL 75%	FLOW TO FILL 100%
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
7	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	75.88	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	.60	.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	BOOIE	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 DECREED
RIGHTS AND FLOW NECESSARY IN SECOND FEET TO FILL
TO 60% - 75% AND 100%

CHART NO. 4

NO.	CANAL	RIVER SECTION	100% OF DEGREE	75% OF DEGREE	60% OF DEGREE	FLOW TO FILL 60%	FLOW TO FILL 75%	FLOW TO FILL 100%
30	*NEW YORK	1	15.10	15.10	15.10	141.94	1359.5	1692.5
30	*MYLISS	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	177.89	1360.8	1694.6
32	FARMERS UNION	1	1.80	1.35	1.08	178.97	1361.0	1695.1
33	JOSE CITY CANAL	1	36.38	27.29	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	HUAS	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	MADISON	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	BOON	1	1.00	.75	.60	312.01	1394.2	1750.3
51	ANDREWS	3	1.30	.98	.78	312.01	1394.2	1750.3
52	NACE-CATLIN	1	7.73	5.84	4.67	316.68	1395.4	1752.4
52	SEVEN SUCKERS	1	.07	.05	.04	316.72	1395.4	1752.5
53	HEEVES	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 DECREE
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	339.29	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	.39	.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	415.28	1420.1	1793.5
65	FARMERS UNION	1	5.12	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	163.60	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	HAYS	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
77B	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	.70	.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

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%
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	565.52	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	BOWMAN-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	BOWMAN-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	.33	.25	.20	691.08	1489.0	1908.4
104	ANDREWS	3	.96	.72	.58	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	908.24	1543.3	1998.3
106	NEW YORK	1	8.90	6.68	5.34	913.58	1544.6	2001.2

TABLE SHOWING PRESENT DIVERSION OF STUART 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	BUBB	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	PHYLLIS	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	SEUREE	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
135	PHYLLIS	1	55.34	42.26	33.80	1332.21	1649.3	2175.6
136	BALLENTYNE	1	.39	.27	.23	1332.44	1649.3	2175.7
137	MACE-MACE	1	1.76	1.32	1.06	1333.50	1649.6	2176.1
137A	ISLAND HIGH LINE	3	7.00	5.25	4.20	1333.50	1649.6	2176.1
138	MACE-CATLIN	1	.14	.33	.26	1333.76	1649.7	2176.2
139	ISLAND HIGH LINE	3	10.00	7.50	6.00	1333.76	1649.7	2176.2

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	**MCMAHUS 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.

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.

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.

TABLE SHOWING CHANGE IN POINT OF DIVERSION OF DECREED RIGHTS ON ROUSE RIVER

NO. OF CHANGE OF POINT OF DIVERSION	POINT OF DIVERSION		DEPT. OF WATER ADMINISTRATION	PRIORITY		DATE OF CHANGE	QUANTITY		BY WHOM TRANSFERRED	REMARKS
	FROM	TO		NO.	DATE		IN CFS	IN INCHES		
	STEEBENBERG	CANYON DITCH	63-0138	9	6-1-1865	4-8-1912	.50	25	HENRY MEER	
12	CALDWELL HIGH LINE	CANYON COUNTY	63-0179	46	6-1-1869	8-26-1918	1.00	50	J. C. HUGHES	
29	DAVIS	DAVIS DITCH	63-0122	119	6-1-1891	7-15-1919	.54	27	DAVIS ESTATE	
32	PIONEER DIXIE	RIVERSIDE	63-0136	8	9-1-1864	4-3-1919	.72	36	REBECCA BELL	
35			63-0137	45	6-1-1869		1.28	64		
			63-0168	35	6-1-1867	4-12-1918	.78	19	DRAPER, BODLE, WATT, SURGEON	FLAKE DITCH
36	CANYON COUNTY	MIDDLETON WATER	63-0233	96	10-1-1887	4-19-1909	2.00	100	C. H. ROSENBERGER	
36A	AMERICAN DITCH	PIONEER DIXIE	63-0186	57	6-1-1872	9-24-1915	1.04	52	SHAFER, BLAIR, JENKINS, PARROTT	
38	HART & DAVIS	SEVEN SUCKERS	63-0187	58	6-1-1872					
			63-0186	57	6-1-1872	6-12-1918			GEORGE RAMBO	
			63-0187	58	6-1-1872					
39	HART & DAVIS	SEVEN SUCKERS	63-0233	96	10-1-1887	3-18-1910	29.50	1475	AMERICAN DITCH ASSN.	
47	AMERICAN DITCH	PIONEER DIXIE	63-0233	96	10-1-1887	3-31-1910	4.10	210	NANCY & WILLIAM NICHOLS, C.W. COOPER	
48			63-0151	19	6-1-1865	3-31-1920	2.88	144	JOHN SWISHER	
50	LOWER CENTER POINT	BONMAN & SWISHER	63-0152	20	6-1-1865	3-31-1920	6.40	320	BIRD BONMAN	
51	LOWER CENTER POINT	BONMAN & SWISHER	63-0158	35	6-1-1867	4-24-1920	1.11	55.5	M. G. DUDLEY	FOOTE & WISEMAN
54	CANYON COUNTY	MIDDLETON MILL	63-0198	65	6-1-1877	12-2-1920	.60	30	EDWARD MCCLINTOCK	
57	MIDDLETON WATER	BALLENTYNE	63-0163	31	6-1-1866	3-18-1921	2.60	130	DANIEL W. KENNEDY	
59	KENNEDY	CANYON COUNTY	63-0235	318	6-1-1866	6-22-1921	.60	30	MINNIE COUZENS	
61	KENNEDY & LAWRENCE	MIDDLETON WATER	63-0233	96	10-1-1887	11-14-1910	1.00	50	J. A. CARTRIGHT	
62	PIONEER DIXIE	EUREKA NO. 2	63-0238	102	6-1-1888	12-21-1921	.20	10	HARRY SEAVEY	
64	BALLENTYNE	NEW DRY CREEK	63-0156	24	6-1-1865	3-14-1911	.80	40	J. D. ROLAND	
71	UPPER CENTER POINT	EUREKA NO. 2	63-0168	35	6-1-1867	11-25-1924	.50	25	DETWEDE, NORTHWESTERN & PACIFIC HYPOTHECK BANK	
75	MIDDLETON MILL	CANYON COUNTY	63-0237	858	4-1-1883	3-12-1925	1.00	50	JACOB BINGMAN	
76	TURNMAN DRAIN	SETTLERS	63-0278	8A	4-1-1865	4-26-1925	.80	40	ADOLPH BAHLER	
77	RUBB	BAHLER	63-0279	47A	4-1-1870		.80	40		
87	WARM SPRINGS DITCH	SETTLERS	63-0287	85A	6-1-1882	4-26-1926	.72	36	LEO MARSTERS	
88	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	PANNA DITCH	PANNA DITCH	63-0203	71	6-1-1878	10-3-1928	11.40	598	CHARLES JUMRIES	NEW DIVERSION POINT
			63-0204	74	6-1-1880					
			63-0272	77A	6-1-1888					
			63-0274	77B	6-1-1888					
			63-0275	77C	6-1-1888					
			63-0273	77D	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	BONMAN & SWISHER	PAXTER DITCH	63-0152	20	6-1-1865	8-15-1930	.80	40	WILLIAM BAXTER	
131	EUREKA NO. 2	LOWER CENTER POINT	63-0223	89	11-9-1863	1-16-1932	.70	35	P. E. MCGUIRE	
140	BALLENTYNE	NEW DRY CREEK	63-0260	850	5-1-1883	4-11-1934	.06	3	CHARLES H. SCHMELZER	
141	FISCHER POWER	FISCHER POWER	63-2053		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	CORA 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	124C	5-1-1893	2-18-1937	.135	6.75	J. H. CONE	
152	BAHLER DITCH	RIDENBAUGH	63-0275	47C	4-1-1870	5-15-1937	.80	40	ADOLPH BAHLER	
153	KEIN-KEON-BAHLER	RIDENBAUGH	63-0245	127	5-1-1893	5-15-1937	1.00	50	ADOLPH BAHLER	
154	BAHLER DITCH	RIDENBAUGH	63-0278	81	4-1-1865	5-15-1937	.80	40	ADOLPH BAHLER	
155	UPPER CENTER POINT	EUREKA NO. 2	63-0156	24	6-1-1865	5-27-1939	.10	5	RAYMOND T. BRESNAHAN	
161	BALLENTYNE	NEW DRY CREEK	63-0236	103	6-1-1888	5-5-1940	.65	32.5	SIDMAN I. BARBER	
161	EUREKA NO. 2	PIONEER DIXIE	63-0233	96	10-1-1887	4-21-1941	.20	30	D. W. BALDWIN	
171	EUREKA NO. 2	EUREKA NO. 2	63-0223	85	11-2-1883	2-26-1943	24.70	1085	RAYMOND T. BRESNAHAN	NEW DIVERSION POINT
			63-0233	96	10-1-1887		74.50	1475		
			63-0156	24	6-1-1865		1.50	65		

TABLE SHOWING CHANGE IN POINT OF DIVERSION OF DECREEED RIGHTS ON BOISE RIVER

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	96	10-1-1887					
			(63-0239	103	6-1-1888	3-28-1944	3.00	150	FRANK M. RAY	
174	BALLENTYNE	NEW RIVER CREEK	63-0222	88	6-1-1883	4-11-1944	.24	12	WILBUR BRESHEARS	
175	RIVERSIDE	EUREKA NO. 2	63-0202	70	6-1-1878	4-18-1944	1.70	85	CHARLOTTIE D. ALLEN	
176	HANNON DITCH	HAAS DITCH	(63-0132	1 5	6-1-1864	3-31-1945	9.80	440	IDaho FISH & GAME DEPT.	
179	MACE CATTLE	SEVEN SUCKERS	(63-0133	1 32	6-1-1871		.168	8.4		
			(63-0223	84	11-9-1883	4-3-1954	.072	3.6	J. E. HOUSTON	
224	EUREKA NO. 2	BONMAN & SWISHER	(63-0223	96	10-1-1887		.70	35		
			(63-0223	96	10-1-1887		.70	10		
227	O'DONNELL	BOISE RIVER	63-0276	1144	5-1-1889	12-17-1954	1.60	80	A. C. CRAWFORTH	PUMPED FROM RIVER
243	BOISE RIVER	BOISE VALLEY	63-2360	LICENSE#15242	7-19-1921	6-30-1958	1.20	60	MARIE ECHEVARRIA & I. N. KESSINGER	FORMERLY DIVERTED FROM A
245	EUREKA NO. 2	LOWER CENTER POINT	63-0223	89	11-9-1883	6-30-1958	.60	30	J. E. EKBERG	SLOUGH
254	ROBIE CREEK	MORES CREEK	63-2036	LICENSE#1908	5-1-1906	12-20-1961	4.00	200	HARVEY BURNETT	
257	O'DONNELL	PARRA DITCH	63-0271	1149	5-1-1889	10-10-1962	.80	40	BERT L. TREDWAY	O'DONNELL DITCH WASHED AWAY
287	EUREKA NO. 2	LOWER CENTER POINT	63-0223	89	11-9-1883	1-18-1966	1.40	70	JOHN E. EKBERG	
289	EUREKA NO. 2	UPPER CENTER POINT	63-0223	89	11-9-1883	3-18-1966	.50	25	EARL GILES	
305	MEEVES NO. 1	MEEVES NO. 2	63-0185	53	6-1-1871	6-10-1968	1.80	90	CHARLES LITTLE	
1575	LAWRENCE & KENNEDY	LITTLE PIONEER	63-0001	310	6-1-1866	9-23-1968	1.10	55	MILTON SPARKS	
1647	THURMAN HILL	BOISE RIVER	63-0213	80	6-1-1882	12-7-1970	1.00	80	CLARENCE T. LAMSON	PUMPED FROM RIVER
1711	KIDENLAUGH	SETTLERS	63-1194	PAUL	5-1-1878	7-7-1975	.41	20	SECI L. A. THOMAS	NEW DIVERSION POINT

TRANSFERS OF DECREE RIGHTS ON BOISE RIVER

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					
	AMERICAN DITCH ASSN.	CANYON DITCH	63-0233	96	10-1-1887	9-1-1909	12.10	605	WM. H. MESSLER	
38	BARBER LUMBER CO.	PENITENTIARY	63-0184	50	6-1-1870	2-4-1910	2.24	112	BARBER LUMBER CO.	
46	SIEMENBERG	CANYON DITCH	63-0138	9	6-1-1865	9-18-1912	.90	25	H. E. MEER	
105	EUREKA NO. 2	HILLCREST	63-0233	96	10-1-1887	11-25-1912	1.20	60	H. L. RANDALL ET AL	
111	PIONEER DIXIE	"	63-0136	8	9-1-1864		20.34	1017		
	"	"	63-0137	45	6-1-1869					
	"	"	63-0123	2	6-1-1864	6-8-1914	20.00	1000	BOISE FRUIT TRACT CO.	LICENSED RIGHT INDIAN CREEK
136	JACOBS	FARMERS UNION				7-15-1918	8.64	432	PIONEER IRRIGATION DISTRICT	
216	PIONEER IRRIGATION DIST.	PIONEER IRRIGATION DIST.				4-20-1921	.35	17.5	EMMA M. FOWLER	
300	MIDDLETON HILL	NEW DRY CREEK	63-0124	3	6-1-1864					
			63-0125	54	6-1-1871					
			63-0126	120	6-1-1891					
301	MIDDLETON HILL	NEW DRY CREEK	63-0124	3	6-1-1864	4-20-1921	1.54	77	JOHN F. GROOM	
			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	NELLIE 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	.266	13.3	MARY F. LEACH	
385	MIDDLETON WATER	FARMERS UNION	63-0198	65	6-1-1877	7-8-1926	.40	20	H. E. MCCOMMELL	
386	MIDDLETON WATER	FARMERS UNION	63-0198	65	6-1-1877	7-8-1926	.40	20	H. W. BARTLETT	
387	MIDDLETON WATER	FARMERS UNION	63-0124	3	6-1-1864	8-13-1926	.15	7.5	E. E. SMITH	
391	MIDDLETON HILL	FARMERS UNION	63-0125	54	6-1-1871				RUSH CHASE	
392	MIDDLETON WATER	RIDENBAUGH	63-0198	65	6-1-1877	8-21-1926	.40	20	FRED EGGERS	
393	MIDDLETON HILL	FARMERS UNION	63-0124	3	6-1-1864	9-15-1926	.288	14.4	A. C. ROVERMAN	
			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	
417	TURNMAN HILL	SETTLERS	63-0214	81	6-1-1882	12-3-1927	.40	20	CHAS. P. RACE	
430	FARMERS UNION	SETTLERS	63-0198	65	6-1-1877	7-2-1928	.25	12.5	G. E. ALLISON	FORMERLY MIDDLETON WATER
466	RIDENBAUGH	NEW YORK	63-0200	106	8-20-1888	7-6-1929	8.90	445	W. H. TULLER	
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	FARMERS UNION	63-0120	1	6-1-1864	5-15-1934	.30	15	A. B. WHITNEY	
505	JACOBS CANAL	NAMPA MERIDIAN	63-0120	1	6-1-1864	9-9-1938	.20	10	BOISE TRUST CO.	SOMERMEIR FALK
	"	SETTLERS					.20	10		
608	RIVERSIDE	PIONEER DIXIE	63-0222	88	6-1-1883	4-29-1940	1.00	50	W. F. TRACY	
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-BUDGE TRACTS
660	RIVERSIDE	PIONEER DIXIE	63-0222	88	6-1-1883	4-11-1944	.60	30	D. W. BALDWIN	
694	CONSUMERS	SETTLERS	63-0161	30	5-1-1866	4-29-1946	.68	34	W. W. HOWELL	EARL-FENKES-STARK-KYLE
701	CONSUMERS	NEW YORK	63-0161	30	5-1-1866	12-20-1946	2.00	100	W. W. HOWELL	REX JENSEN (BOISE-KUNA IRRIG.)
702	CONSUMERS	SETTLERS	63-0161	30	5-1-1866	12-20-1946	.60	30	W. W. HOWELL	MRS. EDITH CURTIS
712	CONSUMERS	SETTLERS	63-0161	30	5-1-1866	6-14-1947	.90	45	W. W. HOWELL	SIMPSON-DEMOND-SIMPSON
713	CONSUMERS	NEW DRY CREEK	63-0161	30	5-1-1866	6-14-1947	.54	27	W. W. HOWELL	J. S. REEBE
717	SIEMENBERG	FARMERS CO-OP.	63-0138	9	6-1-1865	11-25-1947	.84	37	R. H. TUCKER	
720	CONSUMERS	SETTLERS	63-0161	30	5-1-1866	5-4-1948	1.14	57	W. W. HOWELL	DOTY-ERQUIAGA-DOERNOTT-CALDWELL-STEELE-ROYLANCE

TRANSFERS OF DECREE RIGHTS ON BOISE RIVER

CHART NO. 7

NO. OF TRANSFER	POINT OF DIVERSION		DEPT. OF WATER ADMINISTRATION	PRIORITY NO.	DATE	DATE OF TRANSFER	QUANTITY IN CFS	QUANTITY IN INCHES	BY WHOM TRANSFERRED	REMARKS	
	FROM	TO									
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	BY HAGER TRACT, 15 th KIMBLE TRACT	
734	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 SOWER	
			63-0137	1	45	6-1-1869					
			63-0233	1	96	10-1-1887					
823	CONSUMERS	NEW YORK	63-0161	30	5-1-1866	7-15-1954	6.00	300	G. S. TAYLOR	BOISE-RUMA IRRIGATION DIST.	
829	CONSUMERS	SETTLERS	63-0161	30	5-1-1866	9-3-1954	.48	24	G. S. TAYLOR	10 th -GOLDEN KENT, 14 th -EDMUND BUCKLEY	
871	THURMAN HILL	SETTLERS	63-0169	36	6-1-1868	10-2-1956	.288	14.4	J. FRANK BRYCE		
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	MAW-SPRINGUE 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 LUXEMHART TRACT	
976	CONSUMERS	NEW YORK	63-0161	30	5-1-1866	1-17-1962	1.50	75	G. S. TAYLOR	SHORE 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 TRACT	
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	THELSON E. CHRISTENSEN TRACT	
990	CONSUMERS	SETTLERS	63-0161	30	5-1-1866	7-5-1962	.08	4	G. S. TAYLOR	LYLE F. TRAPP 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	30	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	6-24-1963	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	
1035	CONSUMERS	ROSES CREEK	63-0161	30	5-1-1866	9-4-1964	2.08	100	G. S. TAYLOR	CARL NICHOLSON	
1038	CONSUMERS	PHYLIS	63-0161	30	5-1-1866	10-28-1964	21.775	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	ROSES CREEK	NEW YORK	63-0161	30	5-1-1866	10-13-1966	2.00	100	CARL NICHOLSON	AYALON ORCHARD TRACTS	
1855	MARYVILLE & LEONARD	FARMERS UNION	63-0164B	32	6-1-1866	11-17-1975	1.80	90.0	SYRINGA GARDENS		
2996	MARY SPRINGS DITCH	NACE NACE	63-0216	116	6-1-1889	8-5-1984	.80	40.0	L.C. NACE		
3326	GRAHAM GILBERT DITCH	BOISE RIVER	63-0144	12	6-1-1865	8-13-1987	2.37	118.5	JON WHOTEN		

CANAL REGULATION

Because of the known water shortage in the upper watershed, every effort to trap all water in the reservoirs was made. There were no flood control releases, so as soon as the irrigators called for their water (April 5, 1988) a strict water release program was implemented. Water releases were tightly controlled and monitored on a daily basis throughout the irrigation season.

The summer was extremely hot and dry with very little summer rain to help with the drought situation. The fall also proved to be hot and dry and some canal deliveries continued until the 31st of October 1988.

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 on the 2nd of May 1988, and continued in varying amounts until the 26th of September, 1988. As of the 31st of October 1988, which ends the 1988 irrigation year, there was 97,237 Ac.Ft. left in Anderson Ranch Reservoir, 28,233 Ac.Ft. in Arrowcock Reservoir and 14,638 Ac.Ft. stored in Lucky Peak Reservoir. The total left in storage at the end of the 1988 irrigation year was 140,108 Ac.Ft..

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 1988 storage accounts of the various space holders.

STORAGE WATER ALLOCATIONS FOR ARROWROCK AND ANDERSON RESERVOIRS

CHART NO. 8

ARROWROCK

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

ANDERSON

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

STORAGE WATER ALLOCATIONS FOR LUCKY PEAK RESERVOIR

CHART NO. 8

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

CHART 9. 1988 BOISE RIVER RESERVOIR STORAGE ACCOUNTS. (ACRE-FEET)

NUMBER	USER	ARROWROCK *-----ANDERSON RANCH-----*				*-----LUCKY PEAK-----*				SUBTOTAL	TRANSFERS	WTR BANK	TOTAL
		STORAGE	CARRYOVER	NEW FILL	STORAGE	CARRYOVER	NEW FILL	STORAGE					
13201050	LUCKY PEAK NURSERY	200.0	0.0	0.0	0.0	0.0	0.0	0.0	200.0	0.0	0.0	200.0	
13201990	FISH & GAME FLOW	0.0	0.0	0.0	0.0	22231.0	9311.0	31542.0	31542.0	0.0	0.0	31542.0	
13201991	USBR FLOW	0.0	0.0	0.0	0.0	0.0	19050.3	19050.3	19050.3	15044.0	-10318.0	23776.3	
13203000	NEW YORK	255671.0	21522.0	105914.5	127436.5	0.0	0.0	0.0	383107.5	-20945.3	16070.0	378232.2	
13203760	RIDENBAUGH	3832.0	0.0	4457.6	4457.6	261.0	6517.7	6778.7	15068.3	5825.4	6130.0	27023.7	
13204005	BUBB	0.0	0.0	159.9	159.9	415.0	85.0	500.0	659.9	0.0	0.0	659.9	
13204060	ROSSI MILL	0.0	0.0	0.0	0.0	700.0	0.0	700.0	700.0	0.0	-500.0	200.0	
13204190	BOISE CITY	0.0	0.0	0.0	0.0	816.0	184.0	1000.0	1000.0	0.0	-500.0	500.0	
13205515	SETTLERS	1778.0	0.0	1791.0	1791.0	1812.0	1862.2	3674.2	7243.2	1180.0	2000.0	10423.2	
13205517	DAVIS	0.0	0.0	0.0	0.0	969.0	279.3	1248.3	1248.3	0.0	0.0	1248.3	
13205622	THURMAN MILL	0.0	0.0	0.0	0.0	777.0	23.0	800.0	800.0	0.0	-500.0	300.0	
13205638	BOISE WATER CORP	0.0	0.0	294.5	294.5	0.0	0.0	0.0	294.5	0.0	302.0	596.5	
13205640	FARMERS UNION	2874.0	0.0	1686.5	1686.5	689.0	1862.2	2551.2	7111.7	0.0	2000.0	9111.7	
13205641	BOISE VALLEY	0.0	681.0	280.0	961.0	2500.0	0.0	2500.0	3461.0	0.0	-2500.0	961.0	
13205643	CAPITOL VIEW	0.0	60.0	135.5	195.5	300.0	0.0	300.0	495.5	0.0	-495.0	0.5	
13206090	NEW DRY CREEK	0.0	137.0	381.7	518.7	3000.0	0.0	3000.0	3518.7	0.0	0.0	3518.7	
13206092	NEW UNION	0.0	0.0	0.0	0.0	1033.0	260.7	1293.7	1293.7	0.0	0.0	1293.7	
13206265	BALLENTYNE	0.0	0.0	110.7	110.7	678.0	242.1	920.1	1030.8	0.0	0.0	1030.8	
13208710	MIDDLETON	0.0	0.0	0.0	0.0	8422.0	2048.4	10470.4	10470.4	0.0	-1568.0	8902.4	
13208738	BARBER	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	16.0	16.0	
13209480	PHYLLIS	21018.0	0.0	7533.5	7533.5	15066.0	934.0	16000.0	44551.5	0.0	0.0	44551.5	
13209482	EUREKA #1	0.0	0.0	0.0	0.0	2497.0	303.0	2800.0	2800.0	0.0	0.0	2800.0	
13209630	LITTLE PIONEER	0.0	1102.0	640.2	1742.2	500.0	0.0	500.0	2242.2	0.0	0.0	2242.2	
13209990	CANYON COUNTY	0.0	0.0	0.0	0.0	4695.0	1117.3	5812.3	5812.3	0.0	0.0	5812.3	
13210992	SEBREE	1227.0	0.0	0.0	0.0	0.0	0.0	0.0	1227.0	0.0	-937.0	290.0	
99999050	ANDERSON DAM POWER	0.0	4200.0	0.0	4200.0	0.0	0.0	0.0	4200.0	0.0	-3200.0	1000.0	
99999100	EAGLE IS CANALS	0.0	0.0	0.0	0.0	6191.0	1424.6	7615.6	7615.6	-1105.0	-4000.0	2510.6	
TOTAL		286600.0	27702.0	123385.6	151087.6	73552.0	45504.8	119056.8	556744.0	0.0	0.0	556744.0	

CHART 10. 1988 BOISE RIVER RESERVOIR STORAGE ACCOUNTS - OCTOBER 31. (ACRE-FEET)

NUMBER	USER	BEGINNING STORAGE	STORAGE USED	BALANCE OCT 31	UNUSED TRANSFERS	UNUSED BANK	EXCESS USED	ARROWROCK UNUSED	ANDERSON CARRYOVER	LUCKY PEAK CARRYOVER
13201050	LUCKY PEAK NURSERY	200.0	185.6	14.4	0.0	0.0	0.0	14.4	0.0	0.0
13201990	FISH & GAME FLOW	31542.0	1416.2	30125.8	0.0	0.0	0.0	0.0	0.0	30125.8
13201991	USBR FLOW	23776.3	1618.5	22157.8	3107.5	0.0	0.0	0.0	0.0	22157.8
13203000	NEW YORK	378232.2	352079.2	26153.0	0.0	0.0	0.0	0.0	26153.0	0.0
13203760	RIDENBAUGH	27023.7	27023.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13204005	BUBB	659.9	477.3	182.6	0.0	0.0	0.0	0.0	0.0	182.6
13204060	ROSSI MILL	200.0	0.0	200.0	0.0	0.0	0.0	0.0	0.0	200.0
13204190	BOISE CITY	500.0	25.8	474.2	0.0	0.0	0.0	0.0	0.0	474.2
13205515	SETTLERS	10423.2	10081.1	342.1	0.0	0.0	0.0	0.0	0.0	342.1
13205517	DAVIS	1248.3	586.7	661.6	0.0	0.0	0.0	0.0	0.0	661.6
13205622	THURMAN MILL	300.0	0.0	300.0	0.0	0.0	0.0	0.0	0.0	300.0
13205638	BOISE WATER CORP	596.5	596.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13205640	FARMERS UNION	9111.7	8680.0	431.7	0.0	0.0	0.0	0.0	0.0	431.7
13205641	BOISE VALLEY	961.0	16.4	944.6	0.0	0.0	0.0	0.0	0.0	944.6
13205643	CAPITOL VIEW	0.5	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.5
13206090	NEW DRY CREEK	3518.7	1346.9	2171.8	0.0	0.0	0.0	0.0	0.0	2171.8
13206092	NEW UNION	1293.7	593.6	700.1	0.0	0.0	0.0	0.0	0.0	700.1
13206265	BALLENTYNE	1030.8	590.0	440.8	0.0	0.0	0.0	0.0	0.0	440.8
13206274	EAGLE ISLAND PARK	0.0	100.1	-100.1	0.0	0.0	0.0	0.0	0.0	0.0
13208710	MIDDLETON	8902.4	1174.2	7728.2	0.0	0.0	100.1	0.0	0.0	7728.2
13208738	BARBER	16.0	16.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13209480	PHYLLIS	44551.5	41425.1	3126.4	0.0	0.0	0.0	0.0	0.0	3126.4
13209482	EUREKA #1	2800.0	373.0	2427.0	0.0	0.0	0.0	0.0	0.0	2427.0
13209630	LITTLE PIONEER	2242.2	1855.5	386.7	0.0	0.0	0.0	0.0	0.0	386.7
13209990	CANYON COUNTY	3812.3	1046.5	2765.8	0.0	0.0	0.0	0.0	0.0	2765.8
13210992	SEBREE	290.0	290.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
99999050	ANDERSON DAM POWER	1000.0	0.0	1000.0	0.0	0.0	0.0	0.0	1000.0	0.0
99999100	EAGLE IS CANALS	2510.6	651.1	1859.5	0.0	0.0	0.0	0.0	0.0	1859.5
TOTAL		556744.0	452248.0	104495.5	3107.5	0.0	100.1	14.4	27153.0	77427.2

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 "	McMANUS & 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	494 "
		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.

DEATH RECORDS

APPENDIX

Drainage in the State of Texas

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Drainage Districts	A-57
Drainage Districts	A-58
Drainage Districts	A-59
Drainage Districts	A-60
Drainage Districts	A-61
Drainage Districts	A-62
Drainage Districts	A-63
Drainage Districts	A-64
Drainage Districts	A-65
Drainage Districts	A-66
Drainage Districts	A-67
Drainage Districts	A-68
Drainage Districts	A-69
Drainage Districts	A-70
Drainage Districts	A-71
Drainage Districts	A-72
Drainage Districts	A-73
Drainage Districts	A-74
Drainage Districts	A-75
Drainage Districts	A-76
Drainage Districts	A-77
Drainage Districts	A-78
Drainage Districts	A-79
Drainage Districts	A-80
Drainage Districts	A-81
Drainage Districts	A-82
Drainage Districts	A-83
Drainage Districts	A-84
Drainage Districts	A-85
Drainage Districts	A-86
Drainage Districts	A-87
Drainage Districts	A-88
Drainage Districts	A-89
Drainage Districts	A-90
Drainage Districts	A-91
Drainage Districts	A-92
Drainage Districts	A-93
Drainage Districts	A-94
Drainage Districts	A-95
Drainage Districts	A-96
Drainage Districts	A-97
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DRAINS
IN ALPHABETICAL ORDER

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14-NOV-88

13205617 DRAINAGE DISTRICT #3
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1987 TO OCTOBER 1988
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	---	---	---	---	---	---	7.0	8.7	7.0	6.0	5.0	5.0
2	---	---	---	---	---	---	7.0	8.3	7.0	6.0	5.0	5.0
3	---	---	---	---	---	---	7.0	8.0	7.0	6.0	5.0	5.0
4	---	---	---	---	---	---	6.8	7.7	7.0	6.0	5.0	5.0
5	---	---	---	---	---	---	6.7	7.3	7.0	6.0	5.0	5.0
6	---	---	---	---	---	---	6.5	7.0	7.0	6.0	5.0	5.0
7	---	---	---	---	---	---	6.3	7.0	7.0	6.0	5.0	5.0
8	---	---	---	---	---	---	6.2	7.0	7.0	6.0	5.0	5.0
9	---	---	---	---	---	---	6.0	7.0	7.0	6.0	5.0	5.0
10	---	---	---	---	---	---	6.0	7.0	7.0	6.0	5.0	5.0
11	---	---	---	---	---	---	6.2	7.0	7.0	6.0	5.0	5.0
12	---	---	---	---	---	---	6.3	7.0	7.0	6.0	5.0	5.0
13	---	---	---	---	---	---	6.5	7.0	6.8	6.0	5.0	5.0
14	---	---	---	---	---	---	6.7	7.0	6.7	6.0	5.0	5.0
15	---	---	---	---	---	---	6.8	7.0	6.5	6.0	5.0	5.0
16	---	---	---	---	---	---	7.0	7.0	6.3	6.0	5.0	5.0
17	---	---	---	---	---	---	7.0	7.0	6.2	6.0	5.0	5.0
18	---	---	---	---	---	---	7.0	7.0	6.0	6.0	5.0	5.0
19	---	---	---	---	---	---	5.0	7.0	7.0	6.0	5.0	5.0
20	---	---	---	---	---	---	5.3	7.0	7.0	6.0	5.0	5.0
21	---	---	---	---	---	---	5.7	7.0	7.0	6.0	5.0	5.0
22	---	---	---	---	---	---	6.0	7.0	7.0	6.0	5.0	5.0
23	---	---	---	---	---	---	6.3	7.0	7.0	6.0	5.0	5.0
24	---	---	---	---	---	---	6.7	7.0	7.0	6.0	5.0	5.0
25	---	---	---	---	---	---	7.0	7.3	7.0	6.0	5.9	5.0
26	---	---	---	---	---	---	7.0	7.7	7.0	6.0	5.7	5.0
27	---	---	---	---	---	---	7.0	8.0	7.0	6.0	5.6	5.0
28	---	---	---	---	---	---	7.0	8.3	7.0	6.0	5.4	5.0
29	---	---	---	---	---	---	7.0	8.7	7.0	6.0	5.3	5.0
30	---	---	---	---	---	---	7.0	9.0	7.0	6.0	5.1	5.0
31	---	---	---	---	---	---	9.0	9.0	7.0	6.0	5.0	5.0
TOTAL							77	219	215	201	181	150
MEAN							6.4	7.1	7.2	6.5	5.8	5.0
MAX							7.0	9.0	8.7	7.0	6.0	5.0
MIN							5.0	6.0	7.0	6.0	5.0	5.0
AC-FT							153	434	426	398	359	298
IRRIGATION YEAR 1988												
TOTAL				1198		MEAN	3	AC-FT	2375			
												307

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14-NOV-88

13205642 BOISE SEWER
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1987 TO OCTOBER 1988
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	---	---	---	---	---	26	27	28	28	28	27	25
2	---	---	---	---	---	26	27	28	28	28	27	25
3	---	---	---	---	---	26	27	28	28	28	27	25
4	---	---	---	---	---	26	27	28	28	28	27	25
5	---	---	---	---	---	26	27	28	28	28	27	25
6	---	---	---	---	---	26	27	28	28	28	27	25
7	---	---	---	---	---	26	27	28	28	28	27	25
8	---	---	---	---	---	26	27	28	28	28	27	25
9	---	---	---	---	---	26	27	28	28	28	27	25
10	---	---	---	---	---	26	27	28	28	28	27	25
11	---	---	---	---	---	26	27	28	28	28	27	25
12	---	---	---	---	---	26	27	28	28	28	27	25
13	---	---	---	---	---	26	27	28	28	28	27	25
14	---	---	---	---	---	26	27	28	28	28	27	25
15	---	---	---	---	---	26	27	28	28	28	27	25
16	---	---	---	---	---	26	27	28	28	28	27	25
17	---	---	---	---	---	26	27	28	28	28	27	25
18	---	---	---	---	---	26	27	28	28	28	27	25
19	---	---	---	---	---	26	27	28	28	28	27	25
20	---	---	---	---	---	26	27	28	28	28	27	25
21	---	---	---	---	---	26	27	28	28	28	27	25
22	---	---	---	---	---	26	27	28	28	28	27	25
23	---	---	---	---	---	26	27	28	28	28	27	25
24	---	---	---	---	---	26	27	28	28	28	27	25
25	---	---	---	---	---	26	27	28	28	28	27	25
26	---	---	---	---	---	26	27	28	28	28	27	25
27	---	---	---	---	---	26	27	28	28	28	27	25
28	---	---	---	---	---	26	27	28	28	28	27	25
29	---	---	---	---	---	26	27	28	28	28	27	25
30	---	---	---	---	---	26	27	28	28	28	27	25
31	---	---	---	---	---	26	27	28	28	28	27	25
TOTAL						765	828	852	862	874	816	772
MEAN						26	27	28	28	28	27	25
MAX						26	27	28	28	28	27	25
MIN						26	27	28	28	28	27	25
AC-FT						1517	1642	1690	1709	1734	1619	1531
IRRIGATION YEAR 1988			TOTAL	5769	MEAN	16	AC-FT	11442				

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14-NOV-88

13206400 EAGLE DRAIN
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1987 TO OCTOBER 1988
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	---	---	---	---	---	0.0	30	63	44	59	63	30
2	---	---	---	---	---	0.0	30	61	44	59	62	30
3	---	---	---	---	---	0.0	30	60	43	58	60	29
4	---	---	---	---	---	0.0	30	59	43	58	59	29
5	---	---	---	---	---	0.0	29	57	43	57	58	33
6	---	---	---	---	---	0.0	29	56	45	56	58	36
7	---	---	---	---	---	0.0	29	56	47	56	57	40
8	---	---	---	---	---	0.0	28	55	49	55	56	44
9	---	---	---	---	---	0.0	28	54	51	55	56	47
10	---	---	---	---	---	0.0	28	54	53	56	55	51
11	---	---	---	---	---	0.0	29	53	55	57	54	51
12	---	---	---	---	---	0.0	30	52	55	58	53	50
13	---	---	---	---	---	0.0	31	51	55	58	53	49
14	---	---	---	---	---	0.0	31	51	54	59	50	48
15	---	---	---	---	---	0.0	32	49	54	60	47	47
16	---	---	---	---	---	0.0	33	47	53	60	45	46
17	---	---	---	---	---	0.0	33	45	53	61	42	45
18	---	---	---	---	---	0.0	35	43	52	63	39	44
19	---	---	---	---	---	20	38	41	52	64	36	43
20	---	---	---	---	---	21	40	39	54	65	36	43
21	---	---	---	---	---	22	42	39	55	67	35	42
22	---	---	---	---	---	24	45	40	57	68	35	41
23	---	---	---	---	---	25	47	41	58	68	34	40
24	---	---	---	---	---	26	47	42	60	67	33	39
25	---	---	---	---	---	27	50	43	61	67	33	38
26	---	---	---	---	---	27	53	44	61	66	32	37
27	---	---	---	---	---	28	56	45	61	66	32	37
28	---	---	---	---	---	28	58	45	60	65	32	36
29	---	---	---	---	---	29	61	45	60	65	31	35
30	---	---	---	---	---	29	64	44	60	64	31	34
31	---	---	---	---	---	---	64	---	59	64	---	33
TOTAL						305	1209	1474	1648	1901	1365	1246
MEAN						10	39	49	53	61	46	40
MAX						29	64	63	61	68	63	51
MIN						0.0	28	39	43	55	31	29
AC-FT						604	2397	2923	3269	3770	2707	2470
IRRIGATION YEAR 1988			TOTAL	9146	MEAN	25	AC-FT	18140				

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14-NOV-88

13209450 THURMAN DRAIN
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1987 TO OCTOBER 1988
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	---	---	---	---	---	0.0	12	24	17	17	20	17
2	---	---	---	---	---	0.0	12	23	16	17	19	18
3	---	---	---	---	---	0.0	12	22	16	17	19	18
4	---	---	---	---	---	0.0	12	21	16	18	18	18
5	---	---	---	---	---	0.0	13	20	16	18	18	18
6	---	---	---	---	---	0.0	13	19	16	18	17	19
7	---	---	---	---	---	0.0	13	19	17	19	18	19
8	---	---	---	---	---	0.0	14	18	17	19	18	19
9	---	---	---	---	---	0.0	14	17	17	19	19	20
10	---	---	---	---	---	0.0	14	17	18	19	19	20
11	---	---	---	---	---	0.0	15	16	18	19	20	20
12	---	---	---	---	---	0.0	15	15	18	19	20	21
13	---	---	---	---	---	0.0	16	14	18	19	20	21
14	---	---	---	---	---	0.0	16	14	17	19	19	21
15	---	---	---	---	---	0.0	17	14	17	19	19	22
16	---	---	---	---	---	0.0	17	14	17	19	18	22
17	---	---	---	---	---	0.0	17	14	16	18	17	22
18	---	---	---	---	---	0.0	17	14	16	17	17	22
19	---	---	---	---	---	7.0	17	14	16	16	16	21
20	---	---	---	---	---	7.3	17	14	17	14	16	21
21	---	---	---	---	---	7.7	17	14	17	13	16	21
22	---	---	---	---	---	8.0	17	15	18	12	16	21
23	---	---	---	---	---	8.3	17	15	19	22	16	21
24	---	---	---	---	---	8.7	17	16	19	22	16	20
25	---	---	---	---	---	9.0	18	16	20	21	16	20
26	---	---	---	---	---	9.0	20	17	20	21	16	20
27	---	---	---	---	---	9.5	21	17	20	21	16	20
28	---	---	---	---	---	10	22	17	19	21	16	20
29	---	---	---	---	---	11	24	17	19	20	17	19
30	---	---	---	---	---	11	25	17	18	20	17	19
31	---	---	---	---	---	---	25	---	18	20	---	19
TOTAL						106	514	502	542	573	526	619
MEAN						3.5	17	17	17	18	18	20
MAX						11	25	24	20	22	20	22
MIN						0.0	12	14	16	12	16	17
AC-FT						210	1020	995	1074	1136	1043	1228
IRRIGATION YEAR 1988												
TOTAL				3381		MEAN	9	AC-FT	6705			

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14-NOV-88

13210810 FIVEMILE CREEK
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1987 TO OCTOBER 1988
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	---	---	---	---	---	27	81	163	105	90	80	32
2	---	---	---	---	---	27	78	159	103	90	75	29
3	---	---	---	---	---	27	74	154	101	90	69	26
4	---	---	---	---	---	27	74	150	98	88	63	23
5	---	---	---	---	---	27	78	145	96	86	58	23
6	---	---	---	---	---	28	82	141	96	85	52	24
7	---	---	---	---	---	30	86	136	99	83	52	25
8	---	---	---	---	---	31	90	136	102	81	51	26
9	---	---	---	---	---	32	94	133	105	79	51	27
10	---	---	---	---	---	33	98	130	107	79	50	28
11	---	---	---	---	---	35	98	127	110	78	49	29
12	---	---	---	---	---	36	102	123	113	78	49	29
13	---	---	---	---	---	37	106	120	113	77	48	30
14	---	---	---	---	---	38	110	117	108	76	48	31
15	---	---	---	---	---	39	113	117	102	76	47	32
16	---	---	---	---	---	41	117	118	97	75	46	33
17	---	---	---	---	---	42	121	119	92	75	45	33
18	---	---	---	---	---	43	121	121	86	76	43	32
19	---	---	---	---	---	44	118	122	81	78	42	31
20	---	---	---	---	---	44	116	123	81	79	41	31
21	---	---	---	---	---	53	113	124	82	80	41	30
22	---	---	---	---	---	61	110	124	83	82	41	30
23	---	---	---	---	---	70	108	122	85	83	41	29
24	---	---	---	---	---	79	105	119	86	83	41	29
25	---	---	---	---	---	87	105	117	87	84	40	28
26	---	---	---	---	---	96	115	115	88	84	40	28
27	---	---	---	---	---	96	124	112	88	85	40	27
28	---	---	---	---	---	92	134	110	88	85	40	27
29	---	---	---	---	---	89	144	110	89	86	37	26
30	---	---	---	---	---	85	153	108	89	86	34	26
31	---	---	---	---	---	---	163	---	89	86	---	25
TOTAL						1496	3331	3812	2949	2541	1454	877
MEAN						50	107	127	95	82	48	28
MAX						96	163	163	113	90	80	33
MIN						27	74	108	81	75	34	23
AC-FT						2967	6606	7561	5849	5039	2883	1740
IRRIGATION YEAR 1988			TOTAL	16459	MEAN	45	AC-FT	32645				

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13210824 NORTH MIDDLETON DRAIN
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1987 TO OCTOBER 1988
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	---	---	---	---	---	14	29	69	34	33	32	29
2	---	---	---	---	---	14	28	65	33	32	31	28
3	---	---	---	---	---	14	27	61	32	32	31	27
4	---	---	---	---	---	14	27	58	32	31	31	26
5	---	---	---	---	---	14	26	54	31	29	30	26
6	---	---	---	---	---	15	26	50	31	28	30	27
7	---	---	---	---	---	16	25	46	31	27	30	27
8	---	---	---	---	---	17	24	46	31	25	31	28
9	---	---	---	---	---	18	24	46	31	24	31	28
10	---	---	---	---	---	19	23	45	30	24	32	29
11	---	---	---	---	---	20	23	45	30	25	32	29
12	---	---	---	---	---	21	24	44	30	25	33	29
13	---	---	---	---	---	24	26	44	30	26	33	29
14	---	---	---	---	---	26	27	43	29	26	33	30
15	---	---	---	---	---	29	28	43	28	27	33	30
16	---	---	---	---	---	31	30	43	27	27	32	30
17	---	---	---	---	---	34	31	42	25	27	32	30
18	---	---	---	---	---	36	31	42	24	28	32	29
19	---	---	---	---	---	36	33	41	23	29	31	29
20	---	---	---	---	---	35	35	41	23	31	31	28
21	---	---	---	---	---	35	37	40	26	32	31	28
22	---	---	---	---	---	34	39	40	28	33	31	28
23	---	---	---	---	---	34	41	39	31	34	31	27
24	---	---	---	---	---	33	43	38	34	34	31	27
25	---	---	---	---	---	33	43	38	36	34	31	26
26	---	---	---	---	---	32	47	37	39	33	31	26
27	---	---	---	---	---	32	52	36	39	33	31	26
28	---	---	---	---	---	31	56	35	38	33	31	25
29	---	---	---	---	---	30	60	35	37	32	30	25
30	---	---	---	---	---	30	65	34	36	32	29	24
31	---	---	---	---	---	---	69	---	34	32	---	24
TOTAL						769	1099	1336	961	916	937	851
MEAN						26	35	45	31	30	31	27
MAX						36	69	69	39	34	33	30
MIN						14	23	34	23	24	29	24
AC-FT						1526	2179	2651	1906	1817	1859	1688
IRRIGATION YEAR 1988			TOTAL	6870	MEAN	19	AC-FT	13625				

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14-NOV-88

13210826 STAR FEEDER
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1987 TO OCTOBER 1988
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	---	---	---	---	---	---	41	70	55	45	47	34
2	---	---	---	---	---	---	41	69	56	44	47	35
3	---	---	---	---	---	---	41	68	57	44	47	35
4	---	---	---	---	---	---	41	68	59	44	47	36
5	---	---	---	---	---	---	43	67	60	44	47	36
6	---	---	---	---	---	---	45	66	60	44	47	37
7	---	---	---	---	---	---	47	65	60	44	47	37
8	---	---	---	---	---	---	49	65	60	44	46	38
9	---	---	---	---	---	---	51	64	60	44	45	38
10	---	---	---	---	---	---	53	63	60	44	44	39
11	---	---	---	---	---	---	53	63	60	46	42	39
12	---	---	---	---	---	---	53	62	60	48	41	40
13	---	---	---	---	---	---	53	61	60	50	40	40
14	---	---	---	---	---	---	53	60	59	51	40	41
15	---	---	---	---	---	---	53	60	57	53	40	42
16	---	---	---	---	---	---	53	60	56	55	40	42
17	---	---	---	---	---	---	53	60	55	55	40	42
18	---	---	---	---	---	---	53	60	53	54	40	41
19	---	---	---	---	---	---	54	60	52	53	40	41
20	---	---	---	---	---	27	55	60	52	53	40	40
21	---	---	---	---	---	29	56	60	52	52	40	40
22	---	---	---	---	---	32	56	60	52	51	39	40
23	---	---	---	---	---	34	57	59	52	50	37	39
24	---	---	---	---	---	36	58	57	52	50	36	39
25	---	---	---	---	---	39	58	56	52	50	35	38
26	---	---	---	---	---	41	60	55	52	49	33	38
27	---	---	---	---	---	41	62	53	52	49	32	38
28	---	---	---	---	---	41	64	52	51	48	32	37
29	---	---	---	---	---	41	66	52	49	48	33	37
30	---	---	---	---	---	41	68	53	48	47	33	36
31	---	---	---	---	---	---	70	---	47	47	---	36
TOTAL						402	1660	1827	1709	1498	1217	1190
MEAN						37	54	61	55	48	41	38
MAX						41	70	70	60	55	47	42
MIN						27	41	52	47	44	32	34
AC-FT						797	3292	3624	3391	2971	2413	2360
IRRIGATION YEAR 1988	TOTAL	9503	MEAN	26	AC-FT	18848						

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14-NOV-88

13210828 LONG FEEDER
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1987 TO OCTOBER 1988
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	---	---	---	---	---	---	---	---	---	---	---	---
2	---	---	---	---	---	---	8.0	12	12	10	10	10
3	---	---	---	---	---	---	8.0	12	12	10	10	10
4	---	---	---	---	---	---	8.0	12	12	10	10	10
5	---	---	---	---	---	---	8.0	12	12	10	10	10
6	---	---	---	---	---	---	8.3	12	12	10	10	10
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	8.7	12	12	10	10	10
9	---	---	---	---	---	---	9.0	12	12	10	10	10
10	---	---	---	---	---	---	9.3	12	12	10	10	10
11	---	---	---	---	---	---	9.7	12	12	10	10	10
12	---	---	---	---	---	---	10	12	12	10	10	10
13	---	---	---	---	---	---	10	12	12	10	10	10
14	---	---	---	---	---	---	10	12	12	10	10	10
15	---	---	---	---	---	---	10	12	12	10	10	10
16	---	---	---	---	---	---	10	12	12	10	10	10
17	---	---	---	---	---	---	10	12	11	10	10	10
18	---	---	---	---	---	---	10	12	11	10	10	10
19	---	---	---	---	---	---	10	12	11	10	10	10
20	---	---	---	---	---	---	10	12	10	10	10	10
21	---	---	---	---	---	---	10	12	10	10	10	10
22	---	---	---	---	---	---	11	12	10	10	10	10
23	---	---	---	---	---	---	4.7	12	10	10	10	10
24	---	---	---	---	---	---	5.3	12	10	10	10	10
25	---	---	---	---	---	---	6.0	12	10	10	10	10
26	---	---	---	---	---	---	6.7	12	10	10	10	10
27	---	---	---	---	---	---	7.3	12	10	10	10	10
28	---	---	---	---	---	---	8.0	12	10	10	10	10
29	---	---	---	---	---	---	8.0	12	10	10	10	10
30	---	---	---	---	---	---	8.0	12	10	10	10	10
31	---	---	---	---	---	---	8.0	12	10	10	10	10
TOTAL							12	12	10	10	10	10
MEAN							7.4	318	360	341	310	310
MAX							6.7	10	12	11	10	10
MIN							8.0	12	12	10	10	10
AC-FT							4.0	8.0	12	10	10	10
							147	631	714	676	615	615
IRRIGATION YEAR 1988												
TOTAL												
2013												
MEAN												
6												
AC-FT												
3992												

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14-NOV-88

13210829 WATTS CHECK
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1987 TO OCTOBER 1988
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	---	---	---	---	---	---	---	---	---	---	---	---
2	---	---	---	---	---	---	11	15	11	12	12	10
3	---	---	---	---	---	---	12	15	11	12	11	10
4	---	---	---	---	---	---	13	14	11	12	11	10
5	---	---	---	---	---	---	13	14	12	12	10	10
6	---	---	---	---	---	---	13	13	12	12	9.5	10
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	14	13	12	12	9.0	10
9	---	---	---	---	---	---	14	12	13	12	9.0	10
10	---	---	---	---	---	---	14	12	13	12	9.0	10
11	---	---	---	---	---	---	15	12	14	12	9.0	10
12	---	---	---	---	---	---	15	12	14	12	9.0	10
13	---	---	---	---	---	---	15	12	15	12	9.0	10
14	---	---	---	---	---	---	15	12	15	12	9.0	10
15	---	---	---	---	---	---	15	12	15	12	9.0	10
16	---	---	---	---	---	---	15	12	15	12	9.0	10
17	---	---	---	---	---	---	15	12	14	12	9.2	10
18	---	---	---	---	---	---	15	12	14	12	---	---
19	---	---	---	---	---	---	15	11	13	12	9.3	10
20	---	---	---	---	---	---	15	11	13	12	9.5	10
21	---	---	---	---	---	0.0	15	11	12	12	9.7	10
22	---	---	---	---	---	---	15	10	12	12	9.8	10
23	---	---	---	---	---	1.0	15	---	12	12	10	10
24	---	---	---	---	---	2.0	15	10	12	12	10	10
25	---	---	---	---	---	3.0	15	10	12	12	10	10
26	---	---	---	---	---	4.0	15	10	12	12	10	10
27	---	---	---	---	---	5.0	15	10	12	12	10	10
28	---	---	---	---	---	---	---	---	12	12	10	10
29	---	---	---	---	---	6.0	15	10	12	12	10	10
30	---	---	---	---	---	6.0	15	10	12	12	10	10
31	---	---	---	---	---	7.2	15	10	12	12	10	10
TOTAL	---	---	---	---	---	8.3	15	10	12	12	10	10
MEAN	---	---	---	---	---	9.5	15	10	12	12	10	10
MAX	---	---	---	---	---	---	15	---	12	12	10	10
MIN	---	---	---	---	---	---	---	---	12	12	10	10
AC-FT	---	---	---	---	---	---	15	---	12	12	10	10
IRRIGATION YEAR 1988	---	---	---	---	---	---	---	---	12	12	10	10
TOTAL	---	---	---	---	---	---	---	---	12	12	10	10
2209	---	---	---	---	---	---	---	---	12	12	10	10
MEAN	---	---	---	---	---	---	---	---	12	12	10	10
6	---	---	---	---	---	---	---	---	12	12	10	10
AC-FT	---	---	---	---	---	---	---	---	12	12	10	10
4381	---	---	---	---	---	---	---	---	12	12	10	10
346	---	---	---	---	---	---	---	---	12	12	10	10
12	---	---	---	---	---	---	---	---	12	12	10	10
13	---	---	---	---	---	---	---	---	12	12	10	10
15	---	---	---	---	---	---	---	---	12	12	10	10
10	---	---	---	---	---	---	---	---	12	12	10	10
11	---	---	---	---	---	---	---	---	12	12	10	10
12	---	---	---	---	---	---	---	---	12	12	10	10
13	---	---	---	---	---	---	---	---	12	12	10	10
14	---	---	---	---	---	---	---	---	12	12	10	10
15	---	---	---	---	---	---	---	---	12	12	10	10
16	---	---	---	---	---	---	---	---	12	12	10	10
17	---	---	---	---	---	---	---	---	12	12	10	10
18	---	---	---	---	---	---	---	---	12	12	10	10
19	---	---	---	---	---	---	---	---	12	12	10	10
20	---	---	---	---	---	---	---	---	12	12	10	10
21	---	---	---	---	---	---	---	---	12	12	10	10
22	---	---	---	---	---	---	---	---	12	12	10	10
23	---	---	---	---	---	---	---	---	12	12	10	10
24	---	---	---	---	---	---	---	---	12	12	10	10
25	---	---	---	---	---	---	---	---	12	12	10	10
26	---	---	---	---	---	---	---	---	12	12	10	10
27	---	---	---	---	---	---	---	---	12	12	10	10
28	---	---	---	---	---	---	---	---	12	12	10	10
29	---	---	---	---	---	---	---	---	12	12	10	10
30	---	---	---	---	---	---	---	---	12	12	10	10
31	---	---	---	---	---	---	---	---	12	12	10	10
TOTAL	---	---	---	---	---	---	---	---	12	12	10	10
MEAN	---	---	---	---	---	---	---	---	12	12	10	10
MAX	---	---	---	---	---	---	---	---	12	12	10	10
MIN	---	---	---	---	---	---	---	---	12	12	10	10
AC-FT	---	---	---	---	---	---	---	---	12	12	10	10
IRRIGATION YEAR 1988	---	---	---	---	---	---	---	---	12	12	10	10
TOTAL	---	---	---	---	---	---	---	---	12	12	10	10
2209	---	---	---	---	---	---	---	---	12	12	10	10
MEAN	---	---	---	---	---	---	---	---	12	12	10	10
6	---	---	---	---	---	---	---	---	12	12	10	10
AC-FT	---	---	---	---	---	---	---	---	12	12	10	10
4381	---	---	---	---	---	---	---	---	12	12	10	10
346	---	---	---	---	---	---	---	---	12	12	10	10
12	---	---	---	---	---	---	---	---	12	12	10	10
13	---	---	---	---	---	---	---	---	12	12	10	10
15	---	---	---	---	---	---	---	---	12	12	10	10
10	---	---	---	---	---	---	---	---	12	12	10	10
11	---	---	---	---	---	---	---	---	12	12	10	10
12	---	---	---	---	---	---	---	---	12	12	10	10
13	---	---	---	---	---	---	---	---	12	12	10	10
14	---	---	---	---	---	---	---	---	12	12	10	10
15	---	---	---	---	---	---	---	---	12	12	10	10
16	---	---	---	---	---	---	---	---	12	12	10	10
17	---	---	---	---	---	---	---	---	12	12	10	10
18	---	---	---	---	---	---	---	---	12	12	10	10
19	---	---	---	---	---	---	---	---	12	12	10	10
20	---	---	---	---	---	---	---	---	12	12	10	10
21	---	---	---	---	---	---	---	---	12	12	10	10
22	---	---	---	---	---	---	---	---	12	12	10	10
23	---	---	---	---	---	---	---	---	12	12	10	10
24	---	---	---	---	---	---	---	---	12	12	10	10
25	---	---	---	---	---	---	---	---	12	12	10	10
26	---	---	---	---	---	---	---	---	12	12	10	10
27	---	---	---	---	---	---	---	---	12	12	10	10
28	---	---	---	---	---	---	---	---	12	12	10	10
29	---	---	---	---	---	---	---	---	12	12	10	10
30	---	---	---	---	---	---	---	---	12	12	10	10
31	---	---	---	---	---	---	---	---	12	12	10	10
TOTAL	---	---	---	---	---	---	---	---	12	12	10	10
MEAN	---	---	---	---	---	---	---	---	12	12	10	10
MAX	---	---	---	---	---	---	---	---	12	12	10	10
MIN	---	---	---	---	---	---	---	---	12	12	10	10
AC-FT	---	---	---	---	---	---	---	---	12	12	10	10
IRRIGATION YEAR 1988	---	---	---	---	---	---	---	---	12	12	10	10
TOTAL	---	---	---	---	---	---	---	---	12	12	10	10
2209	---	---	---	---	---	---	---	---	12	12	10	10
MEAN	---	---	---	---	---	---	---	---	12	12	10	10
6	---	---	---	---	---	---	---	---	12	12	10	10
AC-FT	---	---	---	---	---	---	---	---	12	12	10	10
4381	---	---	---	---	---	---	---	---	12	12	10	10
346	---	---	---	---	---	---	---	---	12	12	10	10
12	---	---	---	---	---	---	---	---	12	12	10	10
13	---	---	---	---	---	---	---	---	12	12	10	10
15	---	---	---	---	---	---	---	---	12	12	10	10
10	---	---	---	---	---	---	---	---	12	12	10	10
11	---	---	---	---	---	---	---	---	12	12	10	10
12	---	---	---	---	---	---	---	---	12	12	10	10
13	---	---	---	---	---	---	---	---	12	12	10	10
14	---	---	---	---	---	---	---	---	12	12	10	10
15	---	---	---	---	---	---	---	---	12	12	10	10
16	---	---	---	---	---	---	---	---	12	12	10	10
17	---	---	---	---	---	---	---	---	12	12	10	10
18	---	---	---	---	---	---	---	---	12	12	10	10
19	---	---	---	---	---	---	---	---	12	12	10	10
20	---	---	---	---	---	---	---	---	12	12	10	10
21	---	---	---	---	---	---	---	---	12	12	10	10
22	---	---	---	---	---	---	---	---	12	12	10	10
23	---	---	---	---	---	---	---	---	12	12	10	10
24	---	---	---	---	---	---	---	---	12	12	10	10
25	---	---	---	---	---	---	---	---	12	12	10	10
26	---	---	---	---	---	---	---	---	12	12	10	10
27	---	---	---	---	---	---	---	---	12	12	10	10
28	---	---	---	---	---	---	---	---	12	12	10	10
29	---	---	---	---	---	---	---	---	12	12	10	10
30	---	---	---	---	---	---	---	---	12	12	10	10
31	---	---	---	---	---	---	---	---	12	12	10	10
TOTAL	---	---	---	---	---	---	---	---	12	12	10	10
MEAN	---	---	---	---	---	---	---	---	12	12	10	10
MAX	---	---	---	---	---	---	---	---	12	12	10	10
MIN	---	---	---	---	---	---	---	---	12	12	10	10
AC-FT	---	---	---	---	---	---	---	---	12	12	10	10
IRRIGATION YEAR 1988	---	---	---	---	---	---	---	---	12	12	10	10
TOTAL	---	---	---	---	---	---	---	---	12	12	10	10
2209	---	---	---	---	---	---	---	---	12	12	10	10
MEAN	---	---	---	---	---	---						

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14-NOV-88

13210831 SOUTH MIDDLETON DRAIN
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1987 TO OCTOBER 1988
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	---	---	---	---	---	---	---	---	---	---	---	---
2	---	---	---	---	---	37	70	114	62	60	57	51
3	---	---	---	---	---	37	70	110	63	61	55	51
4	---	---	---	---	---	37	70	107	64	61	54	51
5	---	---	---	---	---	37	70	103	65	60	52	51
6	---	---	---	---	---	37	71	99	66	59	51	51
7	---	---	---	---	---	39	71	96	66	58	49	52
8	---	---	---	---	---	40	72	92	65	57	49	53
9	---	---	---	---	---	42	72	92	64	56	49	54
10	---	---	---	---	---	44	73	90	63	55	48	55
11	---	---	---	---	---	46	73	88	62	55	48	56
12	---	---	---	---	---	47	73	86	61	55	48	57
13	---	---	---	---	---	49	74	83	60	55	47	57
14	---	---	---	---	---	50	75	81	60	55	47	57
15	---	---	---	---	---	50	76	79	58	55	47	56
16	---	---	---	---	---	51	77	79	56	55	49	56
17	---	---	---	---	---	52	78	76	55	55	51	55
18	---	---	---	---	---	52	79	73	53	55	53	55
19	---	---	---	---	---	53	79	71	51	56	55	55
20	---	---	---	---	---	53	80	68	49	56	57	54
21	---	---	---	---	---	56	81	65	49	57	59	54
22	---	---	---	---	---	58	82	62	50	57	59	54
23	---	---	---	---	---	61	84	62	52	58	58	53
24	---	---	---	---	---	63	85	62	53	58	56	53
25	---	---	---	---	---	66	86	61	54	58	55	53
26	---	---	---	---	---	68	87	61	56	58	54	53
27	---	---	---	---	---	71	92	61	57	58	52	52
28	---	---	---	---	---	71	96	60	57	58	51	52
29	---	---	---	---	---	71	101	60	58	58	51	52
30	---	---	---	---	---	71	105	60	58	58	51	52
31	---	---	---	---	---	71	110	61	59	58	51	51
TOTAL						---	114	---	60	58	---	51
MEAN						1579	2524	2361	1805	1772	1562	1655
MAX						53	81	79	58	57	52	53
MIN						71	114	114	66	61	59	57
AC-FT						3132	5005	4683	3581	3514	3097	3283
IRRIGATION YEAR 1988												
TOTAL				13257		MEAN	36	AC-FT	26295			

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14-NOV-88

13210835 WILLOW CREEK
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1987 TO OCTOBER 1988
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	---	---	---	---	---	11	36	59	31	19	29	21
2	---	---	---	---	---	11	38	58	30	18	27	19
3	---	---	---	---	---	11	39	57	29	18	26	16
4	---	---	---	---	---	11	39	56	28	19	25	14
5	---	---	---	---	---	11	37	55	27	20	23	14
6	---	---	---	---	---	12	35	54	27	22	22	14
7	---	---	---	---	---	14	34	53	28	23	22	13
8	---	---	---	---	---	15	32	53	30	24	24	13
9	---	---	---	---	---	17	30	51	31	25	25	13
10	---	---	---	---	---	18	28	49	32	25	27	13
11	---	---	---	---	---	20	28	48	34	25	28	12
12	---	---	---	---	---	21	29	46	35	26	30	12
13	---	---	---	---	---	23	29	44	35	26	31	12
14	---	---	---	---	---	25	30	42	32	26	31	12
15	---	---	---	---	---	27	31	42	30	27	32	11
16	---	---	---	---	---	30	31	39	27	27	33	11
17	---	---	---	---	---	32	32	37	24	27	34	12
18	---	---	---	---	---	34	32	34	22	26	35	12
19	---	---	---	---	---	36	34	31	19	25	36	13
20	---	---	---	---	---	36	35	29	19	25	37	14
21	---	---	---	---	---	35	37	26	20	24	37	14
22	---	---	---	---	---	34	38	26	20	23	36	15
23	---	---	---	---	---	34	40	27	21	22	34	16
24	---	---	---	---	---	33	41	28	22	22	33	16
25	---	---	---	---	---	32	41	30	22	23	31	17
26	---	---	---	---	---	31	44	31	23	25	30	18
27	---	---	---	---	---	31	47	32	23	26	28	18
28	---	---	---	---	---	32	50	33	22	27	28	19
29	---	---	---	---	---	34	53	33	21	29	26	20
30	---	---	---	---	---	35	56	32	21	30	23	20
31	---	---	---	---	---	---	59	---	20	30	---	21
TOTAL						746	1163	1234	805	753	880	464
MEAN						25	38	41	26	24	29	15
MAX						36	59	59	35	30	37	21
MIN						11	28	26	19	18	22	11
AC-FT						1479	2307	2448	1596	1493	1745	920
IRRIGATION YEAR 1988			TOTAL	6044	MEAN	17	AC-FT	11987				

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13210849 MASON CREEK
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1987 TO OCTOBER 1988
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	---	---	---	---	---	8.0	25	39	14	13	21	17
2	---	---	---	---	---	8.0	25	36	14	12	21	17
3	---	---	---	---	---	8.0	25	34	14	12	22	17
4	---	---	---	---	---	8.0	25	31	14	12	22	17
5	---	---	---	---	---	8.0	24	28	14	12	23	17
6	---	---	---	---	---	8.9	24	26	14	12	23	18
7	---	---	---	---	---	9.7	23	23	15	12	23	18
8	---	---	---	---	---	11	22	23	16	12	22	19
9	---	---	---	---	---	11	22	23	17	12	22	20
10	---	---	---	---	---	12	21	22	17	12	21	20
11	---	---	---	---	---	13	21	22	18	13	20	21
12	---	---	---	---	---	14	21	21	19	13	20	21
13	---	---	---	---	---	15	21	21	19	14	19	21
14	---	---	---	---	---	15	21	20	18	15	19	21
15	---	---	---	---	---	16	21	20	17	15	19	20
16	---	---	---	---	---	17	21	20	16	16	19	20
17	---	---	---	---	---	18	21	20	14	16	19	20
18	---	---	---	---	---	18	21	20	13	16	19	20
19	---	---	---	---	---	19	23	20	12	19	19	19
20	---	---	---	---	---	19	25	20	12	21	19	19
21	---	---	---	---	---	20	27	20	13	22	19	19
22	---	---	---	---	---	21	28	20	13	24	19	18
23	---	---	---	---	---	22	30	19	14	25	18	18
24	---	---	---	---	---	23	32	18	15	25	18	18
25	---	---	---	---	---	24	32	17	15	24	18	18
26	---	---	---	---	---	25	33	16	16	23	17	17
27	---	---	---	---	---	25	34	15	16	23	17	17
28	---	---	---	---	---	25	36	14	15	22	17	17
29	---	---	---	---	---	25	37	14	15	21	17	17
30	---	---	---	---	---	25	38	14	14	20	17	17
31	---	---	---	---	---	---	39	---	13	20	17	16
TOTAL						492	817	655	465	528	588	571
MEAN						16	26	22	15	17	20	18
MAX						25	39	39	19	25	23	21
MIN						8.0	21	14	12	12	17	16
AC-FT						976	1621	1298	923	1047	1165	1133
IRRIGATION YEAR 1988						TOTAL	4115	MEAN	11	AC-FT	8162	

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14-NOV-88

13210980 MASON DRAIN
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1987 TO OCTOBER 1988
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	---	---	---	---	---	---	---	---	---	---	---	---
2	---	---	---	---	---	37	104	234	166	106	95	59
3	---	---	---	---	---	37	102	226	167	107	91	57
4	---	---	---	---	---	37	99	218	168	107	88	56
5	---	---	---	---	---	37	97	211	170	109	84	55
6	---	---	---	---	---	37	98	203	171	110	81	55
7	---	---	---	---	---	39	98	195	171	112	77	56
8	---	---	---	---	---	42	99	187	168	113	77	58
9	---	---	---	---	---	44	100	187	164	115	76	59
10	---	---	---	---	---	46	100	184	161	116	75	60
11	---	---	---	---	---	48	101	181	157	116	74	62
12	---	---	---	---	---	51	101	178	154	112	72	63
13	---	---	---	---	---	53	103	175	150	108	71	63
14	---	---	---	---	---	57	105	172	150	104	70	64
15	---	---	---	---	---	60	107	169	141	99	70	64
16	---	---	---	---	---	64	109	169	132	95	69	65
17	---	---	---	---	---	67	111	167	123	91	68	65
18	---	---	---	---	---	71	113	165	114	91	67	65
19	---	---	---	---	---	74	113	163	105	93	66	64
20	---	---	---	---	---	74	117	161	96	94	65	63
21	---	---	---	---	---	80	121	159	96	96	64	63
22	---	---	---	---	---	86	125	157	96	97	64	62
23	---	---	---	---	---	92	128	157	97	99	64	62
24	---	---	---	---	---	98	132	158	97	100	63	61
25	---	---	---	---	---	104	136	159	97	100	63	61
26	---	---	---	---	---	110	136	160	98	100	63	60
27	---	---	---	---	---	116	152	161	98	99	62	60
28	---	---	---	---	---	114	169	162	98	99	62	59
29	---	---	---	---	---	111	185	163	100	99	62	59
30	---	---	---	---	---	109	201	163	101	98	61	58
31	---	---	---	---	---	107	218	164	103	98	60	58
TOTAL						---	234	---	104	98	---	57
MEAN						2100	3914	5308	4010	3177	2122	1871
MAX						70	126	177	129	102	71	60
MIN						116	234	234	171	116	95	65
AC-FT						37	97	157	96	91	60	55
IRRIGATION YEAR 1988						4165	7763	10528	7954	6302	4208	3711
TOTAL						22501	MEAN	61	AC-FT	44630		

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14-NOV-88

13210986 HARTLEY GULCH
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1987 TO OCTOBER 1988
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	---	---	---	---	---	16	19	38	20	16	20	24
2	---	---	---	---	---	16	18	37	20	15	20	23
3	---	---	---	---	---	16	18	36	20	15	20	23
4	---	---	---	---	---	16	18	36	21	16	20	22
5	---	---	---	---	---	16	18	35	21	17	20	22
6	---	---	---	---	---	16	18	34	21	18	20	21
7	---	---	---	---	---	17	18	33	21	19	20	19
8	---	---	---	---	---	17	18	33	20	20	21	18
9	---	---	---	---	---	18	18	31	20	21	21	17
10	---	---	---	---	---	18	18	29	19	21	22	15
11	---	---	---	---	---	19	18	27	19	21	22	14
12	---	---	---	---	---	19	18	25	18	20	23	14
13	---	---	---	---	---	19	17	23	18	20	23	14
14	---	---	---	---	---	18	17	21	17	19	23	13
15	---	---	---	---	---	18	17	21	16	19	24	13
16	---	---	---	---	---	18	16	21	16	18	24	12
17	---	---	---	---	---	18	16	20	15	18	25	12
18	---	---	---	---	---	17	16	20	14	18	26	12
19	---	---	---	---	---	17	18	20	13	18	26	13
20	---	---	---	---	---	18	19	19	13	18	27	13
21	---	---	---	---	---	18	21	19	14	18	27	13
22	---	---	---	---	---	19	22	19	15	18	27	13
23	---	---	---	---	---	19	24	19	16	18	27	13
24	---	---	---	---	---	19	25	19	17	18	27	14
25	---	---	---	---	---	20	25	19	18	18	26	14
26	---	---	---	---	---	20	27	19	19	19	26	14
27	---	---	---	---	---	20	29	19	19	19	26	14
28	---	---	---	---	---	20	32	19	18	19	26	14
29	---	---	---	---	---	19	34	19	18	19	26	14
30	---	---	---	---	---	19	36	19	17	20	25	15
31	---	---	---	---	---	19	38	---	16	20	25	15
TOTAL						540	664	749	547	572	707	487
MEAN						18	21	25	18	18	24	16
MAX						20	38	38	21	21	27	24
MIN						16	16	19	13	15	20	12
AC-FT						1071	1317	1485	1085	1135	1402	966
IRRIGATION YEAR 1988						TOTAL	4266	MEAN	12	AC-FT	8461	

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14-NOV-88

13210988 HARTLEY DRAIN
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1987 TO OCTOBER 1988
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	---	---	---	---	---	40	48	64	51	37	37	39
2	---	---	---	---	---	40	47	63	53	37	36	38
3	---	---	---	---	---	40	46	62	55	37	35	38
4	---	---	---	---	---	40	46	61	57	36	34	37
5	---	---	---	---	---	40	48	60	59	36	33	37
6	---	---	---	---	---	40	49	59	59	35	32	38
7	---	---	---	---	---	41	51	58	59	34	32	39
8	---	---	---	---	---	41	53	58	59	34	33	40
9	---	---	---	---	---	41	54	58	60	33	33	41
10	---	---	---	---	---	41	56	57	60	33	34	42
11	---	---	---	---	---	42	56	57	60	33	35	43
12	---	---	---	---	---	42	55	56	60	32	35	43
13	---	---	---	---	---	41	55	56	60	32	36	40
14	---	---	---	---	---	40	54	55	59	32	36	38
15	---	---	---	---	---	39	53	55	57	31	37	35
16	---	---	---	---	---	39	53	55	56	31	38	32
17	---	---	---	---	---	38	52	54	54	31	40	32
18	---	---	---	---	---	37	52	54	53	33	41	33
19	---	---	---	---	---	36	53	54	51	34	42	33
20	---	---	---	---	---	36	53	53	51	36	43	33
21	---	---	---	---	---	39	54	53	49	37	43	34
22	---	---	---	---	---	41	54	53	47	39	43	34
23	---	---	---	---	---	44	55	52	45	40	42	34
24	---	---	---	---	---	46	55	51	43	40	42	35
25	---	---	---	---	---	49	55	50	41	40	41	35
26	---	---	---	---	---	51	57	49	39	39	41	35
27	---	---	---	---	---	51	58	48	39	39	41	35
28	---	---	---	---	---	50	60	47	39	39	40	36
29	---	---	---	---	---	49	61	47	38	38	40	36
30	---	---	---	---	---	49	63	49	38	38	40	36
31	---	---	---	---	---	---	64	---	38	38	39	37
TOTAL						1262	1667	1647	1587	1103	1131	1139
MEAN						42	54	55	51	36	38	37
MAX						51	64	64	60	40	43	43
MIN						36	46	47	38	31	32	32
AC-FT						2502	3306	3266	3147	2187	2242	2258
IRRIGATION YEAR 1988												
TOTAL						9533	MEAN	26	AC-FT	18908		

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13211445 INDIAN CREEK
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1987 TO OCTOBER 1988
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	---	---	---	---	---	4.0	13	43	26	11	37	30
2	---	---	---	---	---	4.0	8.8	42	24	12	38	29
3	---	---	---	---	---	4.0	5.0	41	22	12	40	27
4	---	---	---	---	---	4.0	5.0	41	21	14	41	26
5	---	---	---	---	---	4.0	8.3	40	19	15	42	26
6	---	---	---	---	---	4.0	12	39	19	17	43	33
7	---	---	---	---	---	4.0	15	38	17	18	43	39
8	---	---	---	---	---	4.0	18	38	15	20	44	46
9	---	---	---	---	---	4.0	22	36	14	21	45	52
10	---	---	---	---	---	4.0	25	34	12	21	46	59
11	---	---	---	---	---	4.0	25	32	9.8	22	46	65
12	---	---	---	---	---	4.0	23	30	8.0	22	47	65
13	---	---	---	---	---	4.0	22	28	8.0	23	48	67
14	---	---	---	---	---	4.0	20	26	7.0	24	48	69
15	---	---	---	---	---	4.0	18	26	6.0	24	48	71
16	---	---	---	---	---	4.0	17	23	5.0	25	47	73
17	---	---	---	---	---	4.0	15	19	4.0	25	47	72
18	---	---	---	---	---	4.0	15	16	3.0	25	46	72
19	---	---	---	---	---	4.0	16	13	2.0	26	46	71
20	---	---	---	---	---	4.0	17	9.3	2.0	26	45	70
21	---	---	---	---	---	8.0	19	6.0	2.5	26	45	69
22	---	---	---	---	---	12	20	6.0	3.0	27	43	69
23	---	---	---	---	---	16	21	9.8	3.5	27	41	68
24	---	---	---	---	---	20	22	14	4.0	27	40	67
25	---	---	---	---	---	24	22	18	4.5	29	38	66
26	---	---	---	---	---	28	26	21	5.0	30	36	66
27	---	---	---	---	---	28	29	25	5.0	32	34	65
28	---	---	---	---	---	24	33	29	6.2	33	34	64
29	---	---	---	---	---	20	36	29	7.3	35	33	64
30	---	---	---	---	---	17	40	27	8.5	36	31	63
31	---	---	---	---	---	---	43	---	9.7	36	---	62
TOTAL						277	629	798	302	738	1259	1782
MEAN						9.2	20	27	9.8	24	42	57
MAX						28	43	43	26	36	48	73
MIN						4.0	5.0	6.0	2.0	11	31	26
AC-FT						549	1247	1583	600	1463	2497	3536
IRRIGATION YEAR 1988			TOTAL	5786	MEAN	16	AC-FT	11475				

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13212550 CONWAY GULCH
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1987 TO OCTOBER 1988
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	---	---	---	---	---	26	51	71	41	39	64	68
2	---	---	---	---	---	26	53	71	42	40	63	67
3	---	---	---	---	---	26	56	70	43	41	63	66
4	---	---	---	---	---	26	59	69	44	41	62	64
5	---	---	---	---	---	26	59	68	45	43	61	63
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	26	58	67	46	44	61	63
8	---	---	---	---	---	28	56	66	46	46	60	60
9	---	---	---	---	---	29	55	65	47	47	60	57
10	---	---	---	---	---	31	53	65	47	49	61	54
11	---	---	---	---	---	32	52	63	48	50	63	50
12	---	---	---	---	---	34	50	60	48	50	64	47
13	---	---	---	---	---	35	50	58	49	50	65	44
14	---	---	---	---	---	37	52	56	49	50	67	42
15	---	---	---	---	---	37	53	53	49	50	68	39
16	---	---	---	---	---	38	55	51	47	50	68	37
17	---	---	---	---	---	---	---	---	---	---	---	---
18	---	---	---	---	---	38	56	51	44	50	69	37
19	---	---	---	---	---	38	58	50	42	50	71	38
20	---	---	---	---	---	39	59	48	39	50	72	39
21	---	---	---	---	---	39	58	47	37	52	73	39
22	---	---	---	---	---	---	---	46	34	53	75	40
23	---	---	---	---	---	39	57	44	34	55	76	41
24	---	---	---	---	---	40	56	43	34	56	76	42
25	---	---	---	---	---	40	54	43	35	58	75	43
26	---	---	---	---	---	41	53	43	35	59	74	43
27	---	---	---	---	---	41	52	42	35	59	74	44
28	---	---	---	---	---	42	52	42	36	60	73	45
29	---	---	---	---	---	42	55	41	36	61	72	46
30	---	---	---	---	---	42	58	41	36	62	71	47
31	---	---	---	---	---	45	62	40	37	62	71	47
TOTAL	---	---	---	---	---	48	65	40	38	63	70	48
MEAN	---	---	---	---	---	---	68	---	39	64	---	49
MAX	---	---	---	---	---	1067	1730	1613	1278	1601	2041	1509
MIN	---	---	---	---	---	36	56	54	41	52	68	49
AC-FT	---	---	---	---	---	48	68	71	49	64	76	68
IRRIGATION YEAR 1988	---	---	---	---	---	26	50	40	34	39	60	37
TOTAL	---	---	---	---	---	2116	3431	3198	2535	3176	4049	2993
MEAN	---	---	---	---	---	30	---	---	---	---	---	---
AC-FT	---	---	---	---	---	---	21498	---	---	---	---	---

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13212890 DIXIE SLOUGH
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1987 TO OCTOBER 1988
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	---	---	---	---	0.0	139	182	287	154	123	178	207
2	---	---	---	---	0.0	139	173	287	151	125	175	202
3	---	---	---	---	0.0	139	165	282	149	127	173	197
4	---	---	---	---	0.0	139	156	278	147	127	170	191
5	---	---	---	---	0.0	139	156	273	144	132	167	186
6	---	---	---	---	0.0	139	161	268	142	138	165	186
7	---	---	---	---	0.0	143	165	264	142	143	162	186
8	---	---	---	---	0.0	148	170	259	145	148	162	187
9	---	---	---	---	0.0	152	174	259	148	154	164	187
10	---	---	---	---	0.0	156	179	241	152	159	166	187
11	---	---	---	---	0.0	160	183	223	155	159	168	188
12	---	---	---	---	0.0	165	183	206	158	159	170	188
13	---	---	---	---	0.0	169	181	188	161	159	172	186
14	---	---	---	---	0.0	170	179	170	161	159	174	185
15	---	---	---	---	0.0	171	178	152	157	159	174	183
16	---	---	---	---	0.0	172	176	152	154	159	179	183
17	---	---	---	---	0.0	173	174	148	150	159	185	182
18	---	---	---	---	0.0	174	172	144	146	159	190	181
19	---	---	---	---	0.0	175	172	141	143	163	195	180
20	---	---	---	---	0.0	176	178	137	139	167	201	179
21	---	---	---	---	0.0	176	185	133	139	171	206	178
22	---	---	---	---	0.0	181	191	129	135	174	206	177
23	---	---	---	---	0.0	186	197	129	131	178	208	177
24	---	---	---	---	0.0	192	204	134	127	182	210	176
25	---	---	---	---	0.0	197	210	138	123	182	212	175
26	---	---	---	---	0.0	202	210	143	119	181	214	174
27	---	---	---	---	0.0	207	223	147	115	181	216	173
28	---	---	---	---	0.0	207	236	152	115	180	218	172
29	---	---	---	---	0.0	199	249	156	117	179	218	171
30	---	---	---	---	0.0	190	261	156	119	179	213	170
31	---	---	---	---	0.0	---	274	---	121	178	---	169
TOTAL					0	5074	5894	5774	4359	4943	5611	5662
MEAN					0.0	169	190	192	141	159	187	183
MAX					0.0	207	274	287	161	182	218	207
MIN					0.0	139	156	129	115	123	162	169
AC-FT					0	10064	11690	11452	8645	9803	11129	11231
IRRIGATION YEAR 1988						TOTAL	37315	MEAN	102	AC-FT	74014	

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CANAL DIVERSIONS

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DIVERSIONS
IN ALPHABETICAL ORDER

CANALS

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DIVERSIONS
IN ALPHABETICAL ORDER

CANALS

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13201050 LUCKY PEAK NURSERY
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1987 TO OCTOBER 1988
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	0.5
17	---	---	---	---	---	0.5	0.5	0.5	0.5	0.5	0.5	---
18	---	---	---	---	---	0.5	0.5	0.5	0.5	0.5	0.5	---
19	---	---	---	---	---	0.5	0.5	0.5	0.5	0.5	0.5	---
20	---	---	---	---	---	0.5	0.5	0.5	0.5	0.5	0.5	---
21	---	---	---	---	---	0.5	0.5	0.5	0.5	0.5	0.5	---
22	---	---	---	---	---	0.5	0.5	0.5	0.5	0.5	0.5	---
23	---	---	---	---	---	0.5	0.5	0.5	0.5	0.5	0.5	---
24	---	---	---	---	---	0.5	0.5	0.5	0.5	0.5	0.5	---
25	---	---	---	---	---	0.5	0.5	0.5	0.5	0.5	0.5	---
26	---	---	---	---	---	0.5	0.5	0.5	0.5	0.5	0.5	---
27	---	---	---	---	---	0.5	0.5	0.5	0.5	0.5	0.5	---
28	---	---	---	---	---	0.5	0.5	0.5	0.5	0.5	0.5	---
29	---	---	---	---	---	0.5	0.5	0.5	0.5	0.5	0.5	---
30	---	---	---	---	---	0.5	0.5	0.5	0.5	0.5	0.5	---
31	---	---	---	---	---	0.5	0.5	0.5	0.5	0.5	0.5	---
TOTAL						10	16	15	16	16	15	8
MEAN						0.3	0.5	0.5	0.5	0.5	0.5	0.5
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	0.5
AC-FT						20	31	30	31	31	30	15
IRRIGATION YEAR 1988												
TOTAL					94	MEAN	0	AC-FT	186			

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13202995 PENITENTIARY CANAL
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1987 TO OCTOBER 1988
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	---	---	---	---	---	0.0	0.0	5.6	4.7	3.0	2.7	0.0
2	---	---	---	---	---	0.0	0.0	5.7	6.2	3.0	2.7	0.0
3	---	---	---	---	---	0.0	0.0	5.6	6.2	2.8	2.6	0.0
4	---	---	---	---	---	0.0	0.0	5.6	6.2	2.8	2.6	0.0
5	---	---	---	---	---	0.0	0.0	5.6	6.2	2.8	2.6	0.0
6	---	---	---	---	---	0.0	0.0	5.6	6.2	2.8	2.6	0.0
7	---	---	---	---	---	0.0	0.0	5.6	6.3	2.8	2.6	0.0
8	---	---	---	---	---	0.0	0.0	5.6	6.3	2.8	2.6	0.0
9	---	---	---	---	---	0.0	0.0	5.7	5.6	2.8	2.6	0.0
10	---	---	---	---	---	0.0	0.0	3.8	5.7	2.8	2.7	0.0
11	---	---	---	---	---	0.0	0.0	3.8	5.6	2.9	4.5	0.0
12	---	---	---	---	---	0.0	0.0	3.8	4.2	2.8	4.2	0.0
13	---	---	---	---	---	0.0	0.0	3.8	4.2	2.8	2.6	0.0
14	---	---	---	---	---	0.0	0.0	4.7	4.2	2.8	2.6	0.0
15	---	---	---	---	---	0.0	0.0	4.7	4.2	2.8	1.8	0.0
16	---	---	---	---	---	0.0	0.0	4.7	5.2	2.8	1.8	0.0
17	---	---	---	---	---	0.0	0.0	4.7	5.3	2.8	1.8	---
18	---	---	---	---	---	0.0	0.9	4.7	5.3	3.6	1.8	---
19	---	---	---	---	---	0.0	1.5	4.7	6.0	2.8	1.8	---
20	---	---	---	---	---	0.0	4.9	4.7	5.4	2.8	1.8	---
21	---	---	---	---	---	0.0	5.4	6.0	4.0	2.8	1.8	---
22	---	---	---	---	---	0.0	5.6	4.7	4.9	2.8	1.8	---
23	---	---	---	---	---	0.0	5.6	4.7	4.9	2.8	1.8	---
24	---	---	---	---	---	0.0	6.7	4.7	4.9	2.8	0.0	---
25	---	---	---	---	---	0.0	5.6	4.7	4.9	2.8	0.0	---
26	---	---	---	---	---	0.0	5.6	4.7	4.9	2.8	0.0	---
27	---	---	---	---	---	0.0	5.7	4.7	4.9	2.8	0.0	---
28	---	---	---	---	---	0.0	5.7	4.7	4.9	2.8	0.0	---
29	---	---	---	---	---	0.0	5.6	4.7	4.9	2.8	0.0	---
30	---	---	---	---	---	0.0	5.7	4.7	4.7	2.8	0.0	---
31	---	---	---	---	---	0.0	5.6	4.7	3.1	2.8	0.0	---
TOTAL							5.6	---	3.1	2.8	0.0	---
MEAN						0	76	146	3.1	3.6	---	---
MAX						0.0	2.4	4.9	155	89	52	0
MIN						0.0	6.7	6.0	5.0	2.9	1.7	0.0
AC-FT						0.0	0.0	3.8	6.3	3.6	4.5	0.0
						0	150	290	3.1	2.8	0.0	0.0
IRRIGATION YEAR 1988									308	176	103	0
TOTAL				518	MEAN	1	AC-FT	1027				

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13203000 NEW YORK CANAL
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1987 TO OCTOBER 1988
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	---	---	---	---	0.0	442	1268	1782	1838	2021	1431	0.0
2	---	---	---	---	0.0	403	1260	1726	1840	2026	1410	0.0
3	---	---	---	---	0.0	403	1296	1680	1841	2020	1393	0.0
4	---	---	---	---	200	403	1311	1664	1838	2015	1387	0.0
5	---	---	---	---	200	403	1315	1666	1867	2004	1357	0.0
6	---	---	---	---	217	368	1273	1696	1882	2002	1309	0.0
7	---	---	---	---	347	372	1272	1744	1879	2003	1276	0.0
8	---	---	---	---	411	455	1273	1797	1940	2005	1264	0.0
9	---	---	---	---	415	497	1306	1811	1957	2006	1304	0.0
10	---	---	---	---	420	497	1348	1788	1957	1992	1316	0.0
11	---	---	---	---	419	600	1388	1791	1958	1983	1314	0.0
12	---	---	---	---	419	691	1431	1790	1989	1962	1422	0.0
13	---	---	---	---	418	863	1564	1786	2004	1925	1543	0.0
14	---	---	---	---	419	987	1600	1806	2006	1906	1597	0.0
15	---	---	---	---	419	1056	1601	1850	2003	1908	1617	0.0
16	---	---	---	---	418	1138	1644	1860	1999	1904	1667	---
17	---	---	---	---	418	1165	1728	1870	2000	1904	1675	---
18	---	---	---	---	553	1190	1771	1894	1999	1906	1669	---
19	---	---	---	---	676	1264	1793	1889	2013	1861	1673	---
20	---	---	---	---	676	1302	1782	1920	2024	1825	1678	---
21	---	---	---	---	679	1300	1782	1968	2026	1815	1674	---
22	---	---	---	---	679	1427	1782	2021	2048	1810	1390	---
23	---	---	---	---	682	1430	1815	2046	2047	1798	800	---
24	---	---	---	---	683	1431	1860	2088	2046	1788	0.0	---
25	---	---	---	---	685	1357	1901	2105	2045	1785	0.0	---
26	---	---	---	---	690	1285	1923	2109	2049	1766	0.0	---
27	---	---	---	---	704	1280	1901	2084	2050	1741	0.0	---
28	---	---	---	---	709	1280	1894	2022	2051	1731	0.0	---
29	---	---	---	---	574	1259	1898	1971	2016	1708	0.0	---
30	---	---	---	---	540	1264	1869	1939	2013	1573	0.0	---
31	---	---	---	---	522	---	1828	---	2014	1465	---	---
TOTAL					14192	27811	49675	56164	61240	58155	33163	0
MEAN					458	927	1602	1872	1975	2026	1678	0.0
MAX					709	1431	1923	2109	2051	2026	1678	0.0
MIN					0.0	368	1260	1664	1838	1465	0.0	0.0
AC-FT					28150	55164	98531	111402	121469	115350	65779	0
IRRIGATION YEAR 1988					TOTAL	300400	MEAN	821	AC-FT	595844		

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13203527 SURPRISE VLY FARMS
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1987 TO OCTOBER 1988
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	---	---	---	---	---	0.0	3.0	0.5	3.0	3.0	3.0	0.0
2	---	---	---	---	---	0.0	3.0	1.0	3.0	3.0	3.0	0.0
3	---	---	---	---	---	0.0	3.0	1.5	3.0	3.0	3.0	0.0
4	---	---	---	---	---	0.0	3.0	2.0	3.0	3.0	3.0	0.0
5	---	---	---	---	---	0.0	3.0	2.5	3.0	3.0	3.0	0.0
6	---	---	---	---	---	0.0	3.0	3.0	3.0	3.0	3.0	0.0
7	---	---	---	---	---	0.0	3.0	3.0	3.0	3.0	3.0	0.0
8	---	---	---	---	---	0.0	3.0	3.0	3.0	3.0	3.0	0.0
9	---	---	---	---	---	0.0	3.0	3.0	3.0	3.0	3.0	0.0
10	---	---	---	---	---	0.0	3.0	3.0	3.0	3.0	3.0	0.0
11	---	---	---	---	---	0.0	3.0	3.0	3.0	3.0	3.0	0.0
12	---	---	---	---	---	0.0	2.5	3.0	3.0	3.0	3.0	0.0
13	---	---	---	---	---	0.0	2.0	3.0	3.0	3.0	3.0	0.0
14	---	---	---	---	---	0.0	1.5	3.0	3.0	3.0	3.0	0.0
15	---	---	---	---	---	0.0	1.0	3.0	3.0	3.0	2.5	0.0
16	---	---	---	---	---	0.0	0.5	3.0	3.0	3.0	2.0	0.0
17	---	---	---	---	---	0.0	0.0	3.0	3.0	3.0	1.5	0.0
18	---	---	---	---	---	0.0	3.0	3.0	3.0	3.0	1.0	0.0
19	---	---	---	---	---	0.0	3.0	3.0	3.0	3.0	0.5	0.0
20	---	---	---	---	---	3.0	3.0	3.0	3.0	3.0	0.0	0.0
21	---	---	---	---	---	3.0	3.0	3.0	3.0	3.0	0.0	0.0
22	---	---	---	---	---	3.0	3.0	3.0	3.0	3.0	0.0	0.0
23	---	---	---	---	---	3.0	3.0	3.0	3.0	3.0	0.0	0.0
24	---	---	---	---	---	3.0	3.0	3.0	3.0	3.0	0.0	0.0
25	---	---	---	---	---	3.0	3.0	3.0	3.0	3.0	0.0	0.0
26	---	---	---	---	---	3.0	2.5	3.0	3.0	3.0	0.0	0.0
27	---	---	---	---	---	3.0	2.0	3.0	3.0	3.0	0.0	0.0
28	---	---	---	---	---	3.0	1.5	3.0	3.0	3.0	0.0	0.0
29	---	---	---	---	---	3.0	1.0	3.0	3.0	3.0	0.0	0.0
30	---	---	---	---	---	3.0	0.5	3.0	3.0	3.0	0.0	0.0
31	---	---	---	---	---	3.0	0.0	3.0	3.0	3.0	0.0	0.0
TOTAL						---	0.0	---	3.0	3.0	0.0	0.0
MEAN						36	69	83	93	93	47	0
MAX						1.2	2.2	2.8	3.0	3.0	1.5	0.0
MIN						3.0	3.0	3.0	3.0	3.0	3.0	0.0
AC-FT						0.0	0.0	0.5	3.0	3.0	0.0	0.0
						71	137	164	184	184	92	0
IRRIGATION YEAR 1988												
TOTAL				420		MEAN	1	AC-FT	833			

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13203760 RIDENBAUGH CANAL
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1987 TO OCTOBER 1988
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	---	---	---	---	---	0.0	486	526	509	328	0.0	0.0
2	---	---	---	---	---	0.0	507	526	501	328	0.0	0.0
3	---	---	---	---	---	0.0	507	527	493	328	0.0	0.0
4	---	---	---	---	---	0.0	510	527	485	328	0.0	0.0
5	---	---	---	---	---	0.0	513	527	482	329	0.0	0.0
6	---	---	---	---	---	0.0	516	529	418	329	0.0	0.0
7	---	---	---	---	---	0.0	519	534	399	329	0.0	0.0
8	---	---	---	---	---	0.0	522	536	398	329	0.0	0.0
9	---	---	---	---	---	0.0	525	536	398	328	0.0	0.0
10	---	---	---	---	---	0.0	525	536	397	328	0.0	0.0
11	---	---	---	---	---	0.0	525	536	368	328	0.0	0.0
12	---	---	---	---	---	0.0	539	536	339	328	0.0	0.0
13	---	---	---	---	---	0.0	539	536	339	328	0.0	0.0
14	---	---	---	---	---	75	539	536	338	328	0.0	0.0
15	---	---	---	---	---	145	539	536	338	328	0.0	0.0
16	---	---	---	---	---	173	539	536	338	328	0.0	---
17	---	---	---	---	---	173	538	536	337	328	0.0	---
18	---	---	---	---	---	192	538	536	337	329	0.0	---
19	---	---	---	---	---	236	538	536	334	329	0.0	---
20	---	---	---	---	---	254	538	536	330	329	0.0	---
21	---	---	---	---	---	255	538	536	330	330	0.0	---
22	---	---	---	---	---	287	538	535	330	330	0.0	---
23	---	---	---	---	---	330	538	535	331	330	0.0	---
24	---	---	---	---	---	350	538	534	331	330	0.0	---
25	---	---	---	---	---	382	538	533	331	330	0.0	---
26	---	---	---	---	---	382	538	533	331	330	0.0	---
27	---	---	---	---	---	403	538	532	331	330	0.0	---
28	---	---	---	---	---	424	537	532	330	330	0.0	---
29	---	---	---	---	---	445	537	524	330	330	0.0	---
30	---	---	---	---	---	465	537	516	329	108	0.0	---
31	---	---	---	---	---	---	528	---	329	0.0	---	---
TOTAL						4970	16407	15974	11509	9645	0	0
MEAN						166	529	532	371	311	0.0	0.0
MAX						465	539	536	509	330	0.0	0.0
MIN						0.0	486	516	329	0.0	0.0	0.0
AC-FT						9859	32543	31685	22827	19130	0	0
IRRIGATION YEAR 1988	TOTAL			58504	MEAN	160	AC-FT	116042				

13204005 BUSS CANAL
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1987 TO OCTOBER 1988
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	---	---	---	---	---	0.0	8.0	10	9.5	8.0	2.0	2.0
2	---	---	---	---	---	0.0	8.0	10	9.3	8.0	2.0	2.0
3	---	---	---	---	---	0.0	8.0	10	9.2	8.0	2.0	2.0
4	---	---	---	---	---	0.0	8.3	10	9.0	8.0	2.0	2.0
5	---	---	---	---	---	0.0	8.7	10	9.0	8.0	2.0	2.0
6	---	---	---	---	---	0.0	9.0	10	9.0	8.0	2.0	2.0
7	---	---	---	---	---	0.0	9.3	10	9.0	8.0	2.0	2.0
8	---	---	---	---	---	0.0	9.7	9.8	9.0	8.0	2.0	2.0
9	---	---	---	---	---	0.0	10	9.7	9.0	8.0	2.0	2.0
10	---	---	---	---	---	0.0	10	9.5	9.0	7.7	2.0	2.0
11	---	---	---	---	---	0.0	9.7	9.3	9.0	7.3	6.0	2.0
12	---	---	---	---	---	0.0	9.3	9.2	9.0	7.0	2.0	2.0
13	---	---	---	---	---	0.0	9.0	9.0	8.8	6.7	2.0	0.0
14	---	---	---	---	---	0.0	8.7	9.0	8.7	6.3	2.0	0.0
15	---	---	---	---	---	4.0	8.3	9.2	8.5	6.0	2.0	0.0
16	---	---	---	---	---	5.0	8.0	9.3	8.3	6.0	2.0	0.0
17	---	---	---	---	---	6.0	8.0	9.5	8.2	6.0	2.0	0.0
18	---	---	---	---	---	7.0	8.0	9.7	8.0	6.0	2.0	0.0
19	---	---	---	---	---	7.0	8.0	9.8	8.0	6.0	2.0	0.0
20	---	---	---	---	---	7.2	8.0	10	8.0	6.0	2.0	0.0
21	---	---	---	---	---	7.3	8.0	10	8.0	6.0	2.0	0.0
22	---	---	---	---	---	7.5	8.0	10	8.0	6.0	2.0	0.0
23	---	---	---	---	---	7.7	8.0	10	8.0	6.0	2.0	0.0
24	---	---	---	---	---	7.8	10	10	8.0	6.0	2.0	0.0
25	---	---	---	---	---	8.0	10	10	8.0	6.0	2.0	0.0
26	---	---	---	---	---	8.0	10	10	8.0	6.0	2.0	0.0
27	---	---	---	---	---	8.0	10	10	8.0	6.0	2.0	0.0
28	---	---	---	---	---	8.0	10	10	8.0	6.0	2.0	0.0
29	---	---	---	---	---	8.0	10	10	8.0	6.0	2.0	0.0
30	---	---	---	---	---	8.0	10	9.8	8.0	6.0	2.0	0.0
31	---	---	---	---	---	8.0	10	9.7	8.0	6.0	2.0	0.0
TOTAL						115	278	293	264	209	64	24
MEAN						3.8	9.0	9.8	8.5	6.7	2.1	0.8
MAX						8.0	10	10	9.5	8.0	6.0	2.0
MIN						0.0	8.0	9.0	8.0	6.0	2.0	0.0
AC-FT						227	551	580	523	415	127	48
IRRIGATION YEAR 1988												
TOTAL 1246 MEAN 3 AC-FT 2470												

13204020 MEEVES CANAL
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1987 TO OCTOBER 1988
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	---	---	---	---	---	0.0	0.0	1.0	1.0	1.0	1.0	0.0
2	---	---	---	---	---	0.0	0.0	1.0	1.0	1.0	1.0	0.0
3	---	---	---	---	---	0.0	0.0	1.0	1.0	1.0	1.0	0.0
4	---	---	---	---	---	0.0	0.0	1.0	1.0	1.0	1.0	1.0
5	---	---	---	---	---	0.0	0.0	1.0	1.0	1.0	1.0	1.0
6	---	---	---	---	---	0.0	0.0	1.0	1.0	1.0	1.0	1.0
7	---	---	---	---	---	0.0	0.0	1.0	1.0	1.0	1.0	1.0
8	---	---	---	---	---	0.0	0.0	0.8	1.0	1.0	1.0	1.0
9	---	---	---	---	---	0.0	0.0	0.7	1.0	1.0	1.0	1.0
10	---	---	---	---	---	0.0	0.0	0.5	1.0	1.0	1.0	1.0
11	---	---	---	---	---	0.0	0.2	0.3	1.0	1.0	1.0	1.0
12	---	---	---	---	---	0.0	0.3	0.2	1.0	1.0	1.0	0.8
13	---	---	---	---	---	0.0	0.5	0.0	1.0	1.0	1.0	0.5
14	---	---	---	---	---	0.0	0.7	0.0	1.0	1.0	0.8	0.3
15	---	---	---	---	---	0.0	0.8	0.2	1.0	1.0	0.7	0.0
16	---	---	---	---	---	0.0	1.0	0.3	1.0	1.0	0.5	0.0
17	---	---	---	---	---	0.0	1.0	0.5	1.0	1.0	0.3	0.0
18	---	---	---	---	---	0.0	1.0	0.7	1.0	1.0	0.2	0.0
19	---	---	---	---	---	0.0	1.0	0.8	1.0	1.0	0.0	0.0
20	---	---	---	---	---	0.0	1.0	1.0	0.8	1.0	0.0	0.0
21	---	---	---	---	---	0.0	1.0	1.0	0.7	1.0	0.0	0.0
22	---	---	---	---	---	0.0	1.0	1.0	0.5	1.0	0.0	0.0
23	---	---	---	---	---	0.0	1.0	1.0	0.3	1.0	0.0	0.0
24	---	---	---	---	---	0.0	1.0	1.0	0.2	1.0	0.0	0.0
25	---	---	---	---	---	0.0	1.0	1.0	0.0	1.0	0.0	0.0
26	---	---	---	---	---	0.0	1.0	1.0	0.0	1.0	0.0	0.0
27	---	---	---	---	---	0.0	1.0	1.0	0.0	1.0	0.0	0.0
28	---	---	---	---	---	0.0	1.0	1.0	0.2	1.0	0.0	0.0
29	---	---	---	---	---	0.0	1.0	1.0	0.3	1.0	0.0	0.0
30	---	---	---	---	---	0.0	1.0	1.0	0.5	1.0	0.0	0.0
31	---	---	---	---	---	0.0	1.0	1.0	0.7	1.0	0.0	0.0
TOTAL						0	19	23	24	31	16	10
MEAN						0.0	0.6	0.8	0.8	1.0	0.5	0.3
MAX						0.0	1.0	1.0	1.0	1.0	1.0	1.0
MIN						0.0	0.0	0.0	0.0	1.0	0.0	0.0
AC-FT						0	37	46	48	61	31	19
IRRIGATION YEAR 1988												
TOTAL				122		MEAN	0	AC-FT	241			

13204060 ROSSI MILL CANAL
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1987 TO OCTOBER 1988
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	---	---	---	---	---	0.0	6.0	6.0	6.0	6.0	6.0	6.0
2	---	---	---	---	---	0.0	6.0	6.0	6.0	6.0	6.0	6.0
3	---	---	---	---	---	0.0	6.0	6.0	6.0	6.0	6.0	6.0
4	---	---	---	---	---	0.0	6.0	6.0	6.0	6.0	6.0	6.0
5	---	---	---	---	---	0.0	6.0	6.0	6.0	6.0	6.0	6.0
6	---	---	---	---	---	0.0	6.0	6.0	6.0	6.0	6.0	6.0
7	---	---	---	---	---	0.0	6.0	6.0	6.0	6.0	6.0	6.0
8	---	---	---	---	---	0.0	6.0	6.0	6.0	6.0	6.0	6.0
9	---	---	---	---	---	0.0	6.0	6.0	6.0	6.0	6.0	6.0
10	---	---	---	---	---	0.0	6.0	6.0	6.0	6.0	6.0	6.0
11	---	---	---	---	---	0.0	6.0	6.0	6.0	6.0	6.0	6.0
12	---	---	---	---	---	0.0	6.0	6.0	6.0	6.0	6.0	6.0
13	---	---	---	---	---	0.9	6.0	6.0	6.0	6.0	6.0	6.0
14	---	---	---	---	---	1.7	6.0	6.0	6.0	6.0	6.0	6.0
15	---	---	---	---	---	2.6	6.0	6.0	6.0	6.0	6.0	6.0
16	---	---	---	---	---	3.4	6.0	6.0	6.0	6.0	6.0	2.0
17	---	---	---	---	---	4.3	6.0	6.0	6.0	6.0	6.0	0.0
18	---	---	---	---	---	5.1	6.0	6.0	6.0	6.0	6.0	0.0
19	---	---	---	---	---	6.0	6.0	6.0	6.0	6.0	6.0	0.0
20	---	---	---	---	---	6.0	6.0	6.0	6.0	6.0	6.0	0.0
21	---	---	---	---	---	6.0	6.0	6.0	6.0	6.0	6.0	0.0
22	---	---	---	---	---	6.0	6.0	6.0	6.0	6.0	6.0	0.0
23	---	---	---	---	---	6.0	6.0	6.0	6.0	6.0	6.0	0.0
24	---	---	---	---	---	6.0	6.0	6.0	6.0	6.0	6.0	0.0
25	---	---	---	---	---	6.0	6.0	6.0	6.0	6.0	6.0	0.0
26	---	---	---	---	---	6.0	6.0	6.0	6.0	6.0	6.0	0.0
27	---	---	---	---	---	6.0	6.0	6.0	6.0	6.0	6.0	0.0
28	---	---	---	---	---	6.0	6.0	6.0	6.0	6.0	6.0	0.0
29	---	---	---	---	---	6.0	6.0	6.0	6.0	6.0	6.0	0.0
30	---	---	---	---	---	6.0	6.0	6.0	6.0	6.0	6.0	0.0
31	---	---	---	---	---	6.0	6.0	6.0	6.0	6.0	6.0	0.0
TOTAL						96	186	180	186	186	180	86
MEAN						3.2	6.0	6.0	6.0	6.0	6.0	2.8
MAX						6.0	6.0	6.0	6.0	6.0	6.0	6.0
MIN						0.0	6.0	6.0	6.0	6.0	6.0	0.0
AC-FT						190	369	357	369	369	357	171
IRRIGATION YEAR 1988			TOTAL	1100	MEAN	3	AC-FT	2181				

13204070 RIVER RUN
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1987 TO OCTOBER 1988
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	---	---	---	---	---	0.0	18	18	18	18	18	18
2	---	---	---	---	---	0.0	18	18	18	18	18	18
3	---	---	---	---	---	0.0	18	18	18	18	18	18
4	---	---	---	---	---	0.0	18	18	18	18	18	18
5	---	---	---	---	---	0.0	18	18	18	18	18	18
6	---	---	---	---	---	0.0	18	18	18	18	18	18
7	---	---	---	---	---	0.0	18	18	18	18	18	18
8	---	---	---	---	---	0.0	18	18	18	18	18	18
9	---	---	---	---	---	0.0	18	18	18	18	18	18
10	---	---	---	---	---	0.0	18	18	18	18	18	18
11	---	---	---	---	---	0.0	18	18	18	18	18	18
12	---	---	---	---	---	0.0	18	18	18	18	18	18
13	---	---	---	---	---	0.0	18	18	18	18	18	18
14	---	---	---	---	---	0.0	18	18	18	18	18	18
15	---	---	---	---	---	0.0	18	18	18	18	18	18
16	---	---	---	---	---	0.0	18	18	18	18	18	18
17	---	---	---	---	---	0.0	18	18	18	18	18	18
18	---	---	---	---	---	0.0	18	18	18	18	18	18
19	---	---	---	---	---	0.0	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	18	18	18
TOTAL						---	18	---	18	18	18	18
MEAN						216	558	540	558	551	540	558
MAX						7.2	18	18	18	18	18	18
MIN						0.0	18	18	18	18	18	18
AC-FT						428	1107	1071	1107	1093	1071	1107
IRRIGATION YEAR 1988												
TOTAL						3521	MEAN	10	AC-FT	6983		

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13204190 BOISE CITY CANAL
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1987 TO OCTOBER 1988
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	---	---	---	---	---	0.0	27	31	26	26	23	23
2	---	---	---	---	---	0.0	27	31	25	26	23	23
3	---	---	---	---	---	0.0	27	30	24	26	22	23
4	---	---	---	---	---	0.0	27	29	23	25	22	23
5	---	---	---	---	---	0.0	27	29	23	25	21	23
6	---	---	---	---	---	0.0	27	29	23	25	21	23
7	---	---	---	---	---	0.0	12	28	23	25	21	23
8	---	---	---	---	---	0.0	14	28	23	24	22	23
9	---	---	---	---	---	0.0	27	28	24	24	22	23
10	---	---	---	---	---	0.0	27	28	24	24	23	23
11	---	---	---	---	---	0.0	27	29	24	24	23	23
12	---	---	---	---	---	0.0	28	29	24	24	23	23
13	---	---	---	---	---	0.0	29	29	20	24	24	8.0
14	---	---	---	---	---	0.0	30	29	21	24	24	0.0
15	---	---	---	---	---	0.0	30	29	21	24	24	0.0
16	---	---	---	---	---	5.0	31	29	22	24	24	0.0
17	---	---	---	---	---	11	32	29	23	24	24	0.0
18	---	---	---	---	---	17	32	29	23	24	24	0.0
19	---	---	---	---	---	23	32	29	24	23	23	0.0
20	---	---	---	---	---	0.0	32	29	24	23	23	0.0
21	---	---	---	---	---	0.0	32	29	24	23	23	0.0
22	---	---	---	---	---	23	31	29	24	22	23	0.0
23	---	---	---	---	---	24	31	29	24	22	23	0.0
24	---	---	---	---	---	25	31	29	24	22	23	0.0
25	---	---	---	---	---	26	31	29	24	22	23	0.0
26	---	---	---	---	---	27	31	28	24	22	22	0.0
27	---	---	---	---	---	27	31	28	24	23	22	0.0
28	---	---	---	---	---	27	31	28	24	23	22	0.0
29	---	---	---	---	---	27	31	28	24	23	22	0.0
30	---	---	---	---	---	27	15	28	24	23	22	0.0
31	---	---	---	---	---	27	10	28	25	23	22	0.0
TOTAL						---	32	26	25	24	22	0.0
MEAN						316	855	862	733	738	680	238
MAX						11	28	29	24	24	23	7.7
MIN						27	32	31	26	26	24	23
AC-FT						0.0	10	26	20	22	21	0.0
IRRIGATION YEAR 1988						627	1696	1709	1453	1464	1348	471
TOTAL						4420	MEAN	12	AC-FT	8767		

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13205515 SETTLERS CANAL
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1987 TO OCTOBER 1988
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	---	---	---	---	---	0.0	117	177	168	110	30	0.0
2	---	---	---	---	---	0.0	126	177	163	110	0.0	0.0
3	---	---	---	---	---	0.0	126	176	159	106	0.0	0.0
4	---	---	---	---	---	0.0	133	175	154	103	0.0	0.0
5	---	---	---	---	---	0.0	140	175	154	108	0.0	0.0
6	---	---	---	---	---	0.0	148	174	153	108	0.0	0.0
7	---	---	---	---	---	0.0	155	174	151	90	0.0	0.0
8	---	---	---	---	---	0.0	162	175	150	86	0.0	0.0
9	---	---	---	---	---	0.0	169	176	149	86	0.0	0.0
10	---	---	---	---	---	0.0	169	178	147	87	0.0	0.0
11	---	---	---	---	---	0.0	172	179	146	88	0.0	0.0
12	---	---	---	---	---	0.0	175	180	146	89	0.0	0.0
13	---	---	---	---	---	0.0	178	172	140	89	0.0	0.0
14	---	---	---	---	---	0.0	180	170	135	90	0.0	0.0
15	---	---	---	---	---	0.0	183	171	129	91	0.0	0.0
16	---	---	---	---	---	11	186	172	123	91	0.0	0.0
17	---	---	---	---	---	23	186	173	120	91	0.0	0.0
18	---	---	---	---	---	34	186	174	117	91	0.0	0.0
19	---	---	---	---	---	34	186	175	117	91	0.0	0.0
20	---	---	---	---	---	40	186	176	116	91	0.0	0.0
21	---	---	---	---	---	46	186	176	115	91	0.0	0.0
22	---	---	---	---	---	52	186	177	114	91	0.0	0.0
23	---	---	---	---	---	57	186	178	113	91	0.0	0.0
24	---	---	---	---	---	63	186	179	112	91	0.0	0.0
25	---	---	---	---	---	69	185	180	111	91	0.0	0.0
26	---	---	---	---	---	69	183	181	111	91	0.0	0.0
27	---	---	---	---	---	79	182	182	111	91	0.0	0.0
28	---	---	---	---	---	88	181	182	111	91	0.0	0.0
29	---	---	---	---	---	98	179	177	111	91	0.0	0.0
30	---	---	---	---	---	107	178	173	110	91	0.0	0.0
31	---	---	---	---	---	---	178	---	110	91	0.0	0.0
TOTAL						869	5272	5284	4065	2897	---	0.0
MEAN						29	170	176	131	93	1.0	0
MAX						107	186	182	168	110	30	0.0
MIN						0.0	117	170	110	86	0.0	0.0
AC-FT						1723	10456	10481	8063	5745	60	0
IRRIGATION YEAR 1988			TOTAL	18416	MEAN	50	AC-FT	36527				

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13205517 DAVIS CANAL
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1987 TO OCTOBER 1988
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	---	---	---	---	---	0.0	1.2	7.8	4.5	6.0	6.0	0.0
2	---	---	---	---	---	0.0	0.0	7.7	4.7	6.0	3.0	0.0
3	---	---	---	---	---	0.0	0.0	7.5	4.8	6.0	0.0	0.0
4	---	---	---	---	---	0.0	0.5	7.3	5.0	6.0	0.0	0.0
5	---	---	---	---	---	0.0	1.0	7.2	5.0	6.0	0.0	0.0
6	---	---	---	---	---	0.0	1.5	7.0	5.5	6.0	0.0	0.0
7	---	---	---	---	---	0.0	2.0	7.0	6.0	6.0	0.0	0.0
8	---	---	---	---	---	0.0	2.5	7.0	6.5	6.0	0.0	0.0
9	---	---	---	---	---	0.0	3.0	7.0	7.0	6.0	0.0	0.0
10	---	---	---	---	---	0.0	3.0	7.0	7.5	6.0	0.0	0.0
11	---	---	---	---	---	0.0	4.0	7.0	8.0	6.0	0.0	0.0
12	---	---	---	---	---	0.0	5.0	7.0	8.0	6.0	0.0	0.0
13	---	---	---	---	---	0.0	6.0	7.0	8.0	6.0	0.0	0.0
14	---	---	---	---	---	0.0	7.0	3.0	8.0	6.0	0.0	0.0
15	---	---	---	---	---	0.0	8.0	0.0	8.0	6.0	0.0	0.0
16	---	---	---	---	---	0.0	9.0	0.0	8.0	6.0	0.0	0.0
17	---	---	---	---	---	0.0	9.0	0.0	8.0	6.0	0.0	0.0
18	---	---	---	---	---	0.0	8.8	3.0	8.0	6.0	0.0	0.0
19	---	---	---	---	---	0.0	8.7	7.0	8.0	6.0	0.0	0.0
20	---	---	---	---	---	1.2	8.5	7.0	7.8	6.0	0.0	0.0
21	---	---	---	---	---	2.3	8.3	7.0	7.7	6.0	0.0	0.0
22	---	---	---	---	---	3.5	8.2	6.5	7.5	6.0	0.0	0.0
23	---	---	---	---	---	4.7	8.0	6.0	7.3	6.0	0.0	0.0
24	---	---	---	---	---	5.8	8.0	5.5	7.2	6.0	0.0	0.0
25	---	---	---	---	---	7.0	8.0	5.0	7.0	6.0	0.0	0.0
26	---	---	---	---	---	7.0	8.0	4.5	7.0	6.0	0.0	0.0
27	---	---	---	---	---	5.8	8.0	4.0	6.8	6.0	0.0	0.0
28	---	---	---	---	---	4.7	8.0	4.0	6.7	6.0	0.0	0.0
29	---	---	---	---	---	3.5	8.0	4.2	6.5	6.0	0.0	0.0
30	---	---	---	---	---	2.3	8.0	4.3	6.3	6.0	0.0	0.0
31	---	---	---	---	---	---	8.0	---	6.2	6.0	0.0	0.0
TOTAL						48	177	165	213	186	9	0
MEAN						1.6	5.7	5.5	6.9	6.0	0.3	0.0
MAX						7.0	9.0	7.8	8.0	6.0	6.0	0.0
MIN						0.0	0.0	0.0	4.5	6.0	0.0	0.0
AC-FT						95	351	326	421	369	18	0
IRRIGATION YEAR 1988			TOTAL	797	MEAN	2	AC-FT	1580				

13205613 BOISE CITY PARKS
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1987 TO OCTOBER 1988
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	0.3
15	---	---	---	---	---	0.0	0.2	0.2	0.2	0.2	0.2	0.3
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	---	---	---	---	---	0.0	0.2	0.2	0.2	0.2	0.2	---
19	---	---	---	---	---	0.3	0.2	0.2	0.2	0.2	0.2	---
20	---	---	---	---	---	0.3	0.2	0.2	0.2	0.2	0.2	---
21	---	---	---	---	---	0.3	0.2	0.2	0.2	0.2	0.2	---
22	---	---	---	---	---	0.3	0.2	0.2	0.2	0.2	0.2	---
23	---	---	---	---	---	0.3	0.2	0.2	0.2	0.2	0.2	---
24	---	---	---	---	---	0.3	0.2	0.2	0.2	0.2	0.2	---
25	---	---	---	---	---	0.3	0.2	0.2	0.2	0.2	0.2	---
26	---	---	---	---	---	0.3	0.2	0.2	0.2	0.2	0.2	---
27	---	---	---	---	---	0.3	0.2	0.2	0.2	0.2	0.2	---
28	---	---	---	---	---	0.3	0.2	0.2	0.2	0.2	0.2	---
29	---	---	---	---	---	0.3	0.2	0.2	0.2	0.2	0.2	---
30	---	---	---	---	---	0.3	0.2	0.2	0.2	0.2	0.2	---
31	---	---	---	---	---	0.3	0.2	0.2	0.2	0.2	0.2	---
TOTAL						---	0.2	---	0.2	0.2	0.2	---
MEAN						4	6			0.2	---	---
MAX						0.1	0.2	6	6	6	6	4
MIN						0.3	0.2	0.2	0.2	0.2	0.2	0.3
AC-FT						0.0	0.2	0.2	0.2	0.2	0.2	0.0
						8	12	12	12	12	12	8
IRRIGATION YEAR 1988												
TOTAL						38	MEAN	0	AC-FT	76		

13205622 THURMAN MILL CANAL
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1987 TO OCTOBER 1988
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	---	---	---	---	---	0.0	23	28	30	22	18	15
2	---	---	---	---	---	0.0	22	27	29	22	18	14
3	---	---	---	---	---	0.0	22	27	29	22	17	14
4	---	---	---	---	---	0.0	23	27	29	23	17	14
5	---	---	---	---	---	0.0	23	26	29	23	17	14
6	---	---	---	---	---	0.0	23	26	29	23	17	14
7	---	---	---	---	---	0.0	24	26	29	23	17	14
8	---	---	---	---	---	0.0	24	26	29	24	18	14
9	---	---	---	---	---	0.0	25	26	29	24	18	14
10	---	---	---	---	---	0.0	25	26	29	24	19	14
11	---	---	---	---	---	0.0	25	26	29	24	19	14
12	---	---	---	---	---	0.0	25	26	29	24	19	14
13	---	---	---	---	---	0.0	25	26	29	23	20	14
14	---	---	---	---	---	0.0	25	26	29	23	20	14
15	---	---	---	---	---	0.0	25	26	28	23	20	14
16	---	---	---	---	---	0.0	25	26	27	22	19	14
17	---	---	---	---	---	0.0	25	27	26	22	19	4.0
18	---	---	---	---	---	10	25	27	25	22	18	0.0
19	---	---	---	---	---	16	25	28	24	22	17	0.0
20	---	---	---	---	---	22	26	28	23	21	17	0.0
21	---	---	---	---	---	22	26	29	23	21	16	0.0
22	---	---	---	---	---	23	27	29	23	21	16	0.0
23	---	---	---	---	---	24	27	29	23	21	16	0.0
24	---	---	---	---	---	25	28	29	22	20	16	0.0
25	---	---	---	---	---	25	28	29	22	20	16	0.0
26	---	---	---	---	---	26	28	30	21	20	16	0.0
27	---	---	---	---	---	27	28	30	21	20	16	0.0
28	---	---	---	---	---	27	28	30	20	19	16	0.0
29	---	---	---	---	---	26	28	30	20	19	16	0.0
30	---	---	---	---	---	25	28	30	20	19	16	0.0
31	---	---	---	---	---	25	28	30	21	19	16	0.0
TOTAL						24	28	30	21	19	16	0.0
MEAN						---	28	---	22	18	15	0.0
MAX						346	794	832	778	661	517	201
MIN						12	26	28	25	21	17	6.5
AC-FT						27	28	30	30	24	20	15
IRRIGATION YEAR 1988						0.0	22	26	20	18	15	0.0
TOTAL						687	1575	1649	1542	1311	1024	399
MEAN						11	AC-FT	8186				

13205638 BOISE WATER CORP
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1987 TO OCTOBER 1988
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	---	---	---	---	---	2.0	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
3	---	---	---	---	---	2.0	2.0	2.0	2.0	2.0	2.0	2.0
4	---	---	---	---	---	2.0	2.0	2.0	2.0	2.0	2.0	2.0
5	---	---	---	---	---	2.0	2.0	2.0	2.0	2.0	2.0	2.0
6	---	---	---	---	---	2.0	2.0	2.0	2.0	2.0	2.0	2.0
7	---	---	---	---	---	2.0	2.0	2.0	2.0	2.0	2.0	2.0
8	---	---	---	---	---	2.0	2.0	2.0	2.0	2.0	2.0	2.0
9	---	---	---	---	---	2.0	2.0	2.0	2.0	2.0	2.0	2.0
10	---	---	---	---	---	2.0	2.0	2.0	2.0	2.0	2.0	2.0
11	---	---	---	---	---	2.0	2.0	2.0	2.0	2.0	2.0	2.0
12	---	---	---	---	---	2.0	2.0	2.0	2.0	2.0	2.0	2.0
13	---	---	---	---	---	2.0	2.0	2.0	2.0	2.0	2.0	2.0
14	---	---	---	---	---	2.0	2.0	2.0	2.0	2.0	2.0	2.0
15	---	---	---	---	---	2.0	2.0	2.0	2.0	2.0	2.0	2.0
16	---	---	---	---	---	2.0	2.0	2.0	2.0	2.0	2.0	2.0
17	---	---	---	---	---	2.0	2.0	2.0	2.0	2.0	2.0	2.0
18	---	---	---	---	---	2.0	2.0	2.0	2.0	2.0	2.0	0.0
19	---	---	---	---	---	2.0	2.0	2.0	2.0	2.0	2.0	0.0
20	---	---	---	---	---	2.0	2.0	2.0	2.0	2.0	2.0	0.0
21	---	---	---	---	---	2.0	2.0	2.0	2.0	2.0	2.0	0.0
22	---	---	---	---	---	2.0	2.0	2.0	2.0	2.0	2.0	0.0
23	---	---	---	---	---	2.0	2.0	2.0	2.0	2.0	2.0	0.0
24	---	---	---	---	---	2.0	2.0	2.0	2.0	2.0	2.0	0.0
25	---	---	---	---	---	2.0	2.0	2.0	2.0	2.0	2.0	0.0
26	---	---	---	---	---	2.0	2.0	2.0	2.0	2.0	2.0	0.0
27	---	---	---	---	---	2.0	2.0	2.0	2.0	2.0	2.0	0.0
28	---	---	---	---	---	2.0	2.0	2.0	2.0	2.0	2.0	0.0
29	---	---	---	---	---	2.0	2.0	2.0	2.0	2.0	2.0	0.0
30	---	---	---	---	---	2.0	2.0	2.0	2.0	2.0	2.0	0.0
31	---	---	---	---	---	2.0	2.0	2.0	2.0	2.0	2.0	0.0
TOTAL						---	2.0	---	2.0	2.0	2.0	0.0
MEAN						60	62	60	62	62	60	30
MAX						2.0	2.0	2.0	2.0	2.0	2.0	1.0
MIN						2.0	2.0	2.0	2.0	2.0	2.0	2.0
AC-FT						119	123	119	123	123	119	60
IRRIGATION YEAR 1988												
TOTAL						396	MEAN	1	AC-FT	785		

13205640 FARMERS UNION CANAL
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1987 TO OCTOBER 1988
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	---	---	---	---	---	0.0	174	204	197	138	133	27
2	---	---	---	---	---	0.0	183	188	189	138	133	27
3	---	---	---	---	---	0.0	183	186	182	138	132	27
4	---	---	---	---	---	0.0	185	184	175	137	132	27
5	---	---	---	---	---	0.0	187	184	175	137	131	27
6	---	---	---	---	---	0.0	189	184	174	136	131	27
7	---	---	---	---	---	0.0	190	184	173	136	128	27
8	---	---	---	---	---	0.0	192	182	172	135	135	27
9	---	---	---	---	---	0.0	194	182	171	135	135	27
10	---	---	---	---	---	0.0	194	180	155	135	135	27
11	---	---	---	---	---	60	199	188	143	135	135	27
12	---	---	---	---	---	64	203	203	143	135	135	27
13	---	---	---	---	---	68	208	205	142	141	132	27
14	---	---	---	---	---	72	212	205	140	141	130	27
15	---	---	---	---	---	77	217	214	139	140	130	9.0
16	---	---	---	---	---	81	221	215	138	140	127	0.0
17	---	---	---	---	---	85	221	216	136	140	40	0.0
18	---	---	---	---	---	89	226	216	135	139	27	0.0
19	---	---	---	---	---	125	226	217	135	139	27	0.0
20	---	---	---	---	---	123	226	218	134	138	27	0.0
21	---	---	---	---	---	122	226	218	133	138	27	0.0
22	---	---	---	---	---	120	226	214	132	137	27	0.0
23	---	---	---	---	---	128	226	214	138	137	27	0.0
24	---	---	---	---	---	127	226	214	138	137	27	0.0
25	---	---	---	---	---	127	227	214	138	137	27	0.0
26	---	---	---	---	---	127	227	214	138	136	27	0.0
27	---	---	---	---	---	127	228	218	138	136	27	0.0
28	---	---	---	---	---	136	228	218	138	136	27	0.0
29	---	---	---	---	---	146	229	218	138	135	27	0.0
30	---	---	---	---	---	155	230	211	138	135	27	0.0
31	---	---	---	---	---	164	204	204	138	134	27	0.0
TOTAL						---	204	---	138	134	27	0.0
MEAN						2196	6482	6098	4655	4243	2505	387
MAX						73	209	203	150	137	84	12
MIN						164	230	218	197	141	135	27
AC-FT						0.0	174	180	132	134	27	0.0
						4356	12856	12094	9233	8415	4969	768
IRRIGATION YEAR 1988			TOTAL	26565	MEAN	73	AC-FT	52691				

13205641 BOISE VALLEY CANAL
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1987 TO OCTOBER 1988
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	---	---	---	---	---	0.0	44	46	44	38	38	27
2	---	---	---	---	---	0.0	46	46	43	38	38	27
3	---	---	---	---	---	0.0	46	46	43	38	38	27
4	---	---	---	---	---	0.0	46	46	42	38	38	27
5	---	---	---	---	---	0.0	46	46	42	38	38	27
6	---	---	---	---	---	0.0	46	46	42	38	38	27
7	---	---	---	---	---	0.0	46	46	41	38	38	27
8	---	---	---	---	---	0.0	46	46	40	38	38	27
9	---	---	---	---	---	0.0	46	46	39	38	38	27
10	---	---	---	---	---	0.0	46	46	37	38	38	27
11	---	---	---	---	---	0.0	46	46	36	38	38	27
12	---	---	---	---	---	0.0	46	46	35	38	38	27
13	---	---	---	---	---	4.6	46	46	35	38	38	27
14	---	---	---	---	---	9.1	46	46	36	38	38	27
15	---	---	---	---	---	14	46	46	36	38	38	27
16	---	---	---	---	---	18	46	46	37	38	38	27
17	---	---	---	---	---	23	46	46	37	38	38	9.0
18	---	---	---	---	---	27	46	46	38	38	27	0.0
19	---	---	---	---	---	32	46	46	38	38	27	0.0
20	---	---	---	---	---	32	46	46	38	38	27	0.0
21	---	---	---	---	---	32	46	46	38	38	27	0.0
22	---	---	---	---	---	32	46	46	38	38	27	0.0
23	---	---	---	---	---	32	46	46	38	38	27	0.0
24	---	---	---	---	---	32	46	46	38	38	27	0.0
25	---	---	---	---	---	32	46	46	38	38	27	0.0
26	---	---	---	---	---	32	46	46	38	38	27	0.0
27	---	---	---	---	---	32	46	46	38	38	27	0.0
28	---	---	---	---	---	34	46	46	38	38	27	0.0
29	---	---	---	---	---	37	46	46	38	38	27	0.0
30	---	---	---	---	---	39	46	46	38	38	27	0.0
31	---	---	---	---	---	41	46	45	38	38	27	0.0
TOTAL						---	46	---	38	38	27	0.0
MEAN						535	1424	1378	1191	1178	986	387
MAX						18	46	46	38	38	33	12
MIN						41	46	46	44	38	38	27
AC-FT						0.0	44	45	35	38	27	0.0
IRRIGATION YEAR 1988						1062	2824	2733	2362	2337	1956	768
TOTAL						7079	MEAN	19	AC-FT	14041		

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13205643 CAPITOL VIEW PUMP
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1987 TO OCTOBER 1988
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	0.0
2	---	---	---	---	---	0.0	7.0	7.0	7.0	7.0	7.0	0.0
3	---	---	---	---	---	0.0	7.0	7.0	7.0	7.0	7.0	0.0
4	---	---	---	---	---	0.0	7.0	7.0	7.0	7.0	7.0	0.0
5	---	---	---	---	---	0.0	5.8	7.0	7.0	7.0	7.0	0.0
6	---	---	---	---	---	0.0	4.7	7.0	7.0	7.0	7.0	0.0
7	---	---	---	---	---	0.0	3.5	7.0	7.0	7.0	7.0	0.0
8	---	---	---	---	---	0.0	2.3	7.0	7.0	7.0	7.0	0.0
9	---	---	---	---	---	0.0	1.2	7.0	7.0	7.0	7.0	0.0
10	---	---	---	---	---	0.0	0.0	7.0	7.0	7.0	7.0	0.0
11	---	---	---	---	---	0.0	0.0	7.0	7.0	7.0	7.0	0.0
12	---	---	---	---	---	0.0	0.0	7.0	7.0	7.0	7.0	0.0
13	---	---	---	---	---	0.0	1.2	7.0	7.0	7.0	7.0	0.0
14	---	---	---	---	---	0.0	2.3	7.0	7.0	7.0	7.0	0.0
15	---	---	---	---	---	0.0	3.5	7.0	7.0	7.0	7.0	0.0
16	---	---	---	---	---	0.0	4.7	7.0	7.0	7.0	7.0	0.0
17	---	---	---	---	---	0.0	5.8	7.0	7.0	7.0	7.0	0.0
18	---	---	---	---	---	0.0	7.0	7.0	7.0	7.0	7.0	0.0
19	---	---	---	---	---	0.0	7.0	7.0	7.0	7.0	7.0	0.0
20	---	---	---	---	---	0.0	7.0	7.0	7.0	7.0	7.0	0.0
21	---	---	---	---	---	0.0	7.0	7.0	7.0	7.0	7.0	0.0
22	---	---	---	---	---	0.0	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						---	7.0	---	7.0	7.0	0.0	---
MEAN						63	168	210	217	217	114	0
MAX						2.1	5.4	7.0	7.0	7.0	3.8	0.0
MIN						7.0	7.0	7.0	7.0	7.0	7.0	0.0
AC-FT						0.0	0.0	7.0	7.0	7.0	0.0	0.0
						125	333	417	430	430	226	0
IRRIGATION YEAR 1988												
TOTAL					989	MEAN	3	AC-FT	1961			

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13206090 NEW DRY CREEK CANAL
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1987 TO OCTOBER 1988
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	---	---	---	---	---	0.0	47	49	69	67	41	28
2	---	---	---	---	---	0.0	50	49	68	67	40	28
3	---	---	---	---	---	0.0	50	50	67	56	40	27
4	---	---	---	---	---	0.0	50	50	66	52	39	27
5	---	---	---	---	---	0.0	50	50	64	56	38	26
6	---	---	---	---	---	0.0	51	50	61	54	38	25
7	---	---	---	---	---	0.0	51	50	59	54	37	25
8	---	---	---	---	---	0.0	51	51	56	54	35	24
9	---	---	---	---	---	0.0	51	52	53	50	34	23
10	---	---	---	---	---	0.0	51	54	53	43	33	22
11	---	---	---	---	---	0.0	53	55	53	40	31	22
12	---	---	---	---	---	1.1	54	56	53	46	30	22
13	---	---	---	---	---	2.3	56	57	53	40	30	22
14	---	---	---	---	---	3.4	57	57	54	38	30	22
15	---	---	---	---	---	4.6	59	60	54	40	29	22
16	---	---	---	---	---	5.7	60	62	54	40	29	22
17	---	---	---	---	---	6.9	60	65	55	40	28	7.0
18	---	---	---	---	---	8.0	59	68	55	40	28	0.0
19	---	---	---	---	---	8.0	58	70	55	40	27	0.0
20	---	---	---	---	---	12	57	73	56	40	27	0.0
21	---	---	---	---	---	15	56	73	57	40	28	0.0
22	---	---	---	---	---	19	55	73	58	40	28	0.0
23	---	---	---	---	---	23	54	72	59	40	29	0.0
24	---	---	---	---	---	26	54	72	60	42	29	0.0
25	---	---	---	---	---	30	53	72	61	42	30	0.0
26	---	---	---	---	---	45	52	71	61	42	30	0.0
27	---	---	---	---	---	30	52	71	64	42	30	0.0
28	---	---	---	---	---	36	51	71	64	42	30	0.0
29	---	---	---	---	---	30	50	70	65	42	29	0.0
30	---	---	---	---	---	45	49	69	66	42	29	0.0
31	---	---	---	---	---	---	49	---	66	42	29	0.0
TOTAL						351	1648	1842	1837	1415	952	393
MEAN						12	53	61	59	46	32	13
MAX						45	60	73	69	67	41	28
MIN						0.0	47	49	53	38	27	0.0
AC-FT						696	3268	3653	3644	2807	1888	780
IRRIGATION YEAR 1988			TOTAL	8437	MEAN	23	AC-FT	16735				

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13206092 NEW UNION CANAL
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1987 TO OCTOBER 1988
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	---	---	---	---	---	0.0	10	11	11	14	14	8.0
2	---	---	---	---	---	0.0	11	11	11	14	14	8.0
3	---	---	---	---	---	0.0	11	11	11	14	14	8.0
4	---	---	---	---	---	0.0	11	11	11	14	14	8.0
5	---	---	---	---	---	0.0	11	11	11	14	14	8.0
6	---	---	---	---	---	0.0	11	11	11	14	14	8.0
7	---	---	---	---	---	0.0	11	11	10	14	14	8.0
8	---	---	---	---	---	0.0	11	11	9.7	14	14	8.0
9	---	---	---	---	---	0.0	11	11	9.0	14	14	8.0
10	---	---	---	---	---	0.0	11	11	9.0	14	14	8.0
11	---	---	---	---	---	0.0	11	11	9.0	14	14	8.0
12	---	---	---	---	---	0.0	11	11	9.0	14	14	8.0
13	---	---	---	---	---	0.0	11	11	9.0	14	14	8.0
14	---	---	---	---	---	0.0	11	11	9.0	14	14	8.0
15	---	---	---	---	---	0.0	11	11	9.0	14	14	8.0
16	---	---	---	---	---	0.0	11	11	9.0	14	14	8.0
17	---	---	---	---	---	0.0	11	11	9.0	14	14	8.0
18	---	---	---	---	---	0.0	11	11	9.0	14	14	8.0
19	---	---	---	---	---	0.0	11	11	9.0	14	14	8.0
20	---	---	---	---	---	1.0	11	11	9.0	14	14	0.0
21	---	---	---	---	---	1.8	11	11	14	14	14	0.0
22	---	---	---	---	---	2.7	11	11	14	14	14	0.0
23	---	---	---	---	---	3.5	11	11	14	14	14	0.0
24	---	---	---	---	---	4.3	11	11	14	14	14	0.0
25	---	---	---	---	---	5.2	11	11	14	14	14	0.0
26	---	---	---	---	---	6.0	11	11	14	14	14	0.0
27	---	---	---	---	---	6.0	11	11	14	14	14	0.0
28	---	---	---	---	---	6.8	11	11	14	14	14	0.0
29	---	---	---	---	---	7.7	11	11	14	14	14	0.0
30	---	---	---	---	---	8.5	11	11	14	14	14	0.0
31	---	---	---	---	---	9.3	11	11	14	14	14	0.0
TOTAL						---	11	11	14	14	8.0	0.0
MEAN						63	340	330	351	434	408	131
MAX						2.1	11	11	11	14	14	4.2
MIN						9.3	11	11	14	14	14	8.0
AC-FT						0.0	10	11	14	14	14	0.0
						125	675	655	696	861	809	260
IRRIGATION YEAR 1988			TOTAL	2057	MEAN	6	AC-FT	4080				

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13206205 LEMP CANAL
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1987 TO OCTOBER 1988
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	---	---	---	---	---	0.0	6.0	3.3	4.0	4.0	4.0	2.7
2	---	---	---	---	---	0.0	6.0	2.7	4.0	4.0	4.0	3.3
3	---	---	---	---	---	0.0	6.0	2.0	4.0	4.0	4.0	4.0
4	---	---	---	---	---	0.0	5.7	1.3	4.0	4.0	4.0	4.0
5	---	---	---	---	---	0.0	5.3	0.7	4.0	4.0	4.0	4.0
6	---	---	---	---	---	0.0	5.0	0.0	4.0	4.0	4.0	4.0
7	---	---	---	---	---	0.0	4.7	0.0	4.0	4.0	4.0	4.0
8	---	---	---	---	---	0.0	4.3	0.7	4.0	4.0	4.0	4.0
9	---	---	---	---	---	0.0	4.0	1.3	4.0	4.0	4.0	4.0
10	---	---	---	---	---	0.0	4.0	2.0	4.0	3.2	4.0	4.0
11	---	---	---	---	---	0.0	4.0	2.7	4.0	2.4	4.0	4.0
12	---	---	---	---	---	0.6	4.0	3.3	4.0	1.6	4.0	4.0
13	---	---	---	---	---	1.1	4.0	4.0	3.3	0.8	4.0	4.0
14	---	---	---	---	---	1.7	4.0	4.0	2.7	0.0	4.0	4.0
15	---	---	---	---	---	2.3	4.0	4.0	2.0	4.0	4.0	4.0
16	---	---	---	---	---	2.9	4.0	4.0	1.3	4.0	4.0	4.0
17	---	---	---	---	---	3.4	4.0	4.0	0.7	4.0	4.0	4.0
18	---	---	---	---	---	4.0	4.0	4.0	0.0	4.0	4.0	0.0
19	---	---	---	---	---	4.0	4.0	4.0	0.0	4.0	4.0	0.0
20	---	---	---	---	---	4.3	4.0	4.0	1.2	4.0	4.0	0.0
21	---	---	---	---	---	4.7	4.0	4.0	2.4	4.0	3.3	0.0
22	---	---	---	---	---	5.0	4.0	4.0	3.6	4.0	2.7	0.0
23	---	---	---	---	---	5.3	4.0	4.0	4.8	4.0	2.0	0.0
24	---	---	---	---	---	5.7	4.0	4.0	6.0	4.0	1.3	0.0
25	---	---	---	---	---	6.0	4.0	4.0	0.0	4.0	0.7	0.0
26	---	---	---	---	---	6.0	4.0	4.0	0.0	4.0	0.0	0.0
27	---	---	---	---	---	6.0	4.0	4.0	0.7	4.0	0.0	0.0
28	---	---	---	---	---	6.0	4.0	4.0	1.3	4.0	0.7	0.0
29	---	---	---	---	---	6.0	4.0	4.0	2.0	4.0	1.3	0.0
30	---	---	---	---	---	6.0	4.0	4.0	2.7	4.0	2.0	0.0
31	---	---	---	---	---	---	4.0	---	3.3	4.0	---	0.0
TOTAL						81	135	92	86	112	94	66
MEAN						2.7	4.4	3.1	2.8	3.6	3.1	2.1
MAX						6.0	6.0	4.0	6.0	4.0	4.0	4.0
MIN						0.0	4.0	0.0	0.0	0.0	0.0	0.0
AC-FT						161	268	182	171	222	186	131
IRRIGATION YEAR 1988												
TOTAL						666	MEAN	2	AC-FT	1321		

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13206220 WARM SPRINGS CANAL
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1987 TO OCTOBER 1988
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	---	---	---	---	---	0.0	7.0	8.0	7.0	6.0	6.0	2.0
2	---	---	---	---	---	0.4	7.0	8.0	7.0	6.0	6.0	1.0
3	---	---	---	---	---	0.8	7.0	8.0	7.0	6.0	6.0	0.0
4	---	---	---	---	---	1.2	7.0	8.0	7.0	6.0	6.0	0.0
5	---	---	---	---	---	1.6	7.0	8.0	7.0	6.0	6.0	0.0
6	---	---	---	---	---	2.0	7.0	8.0	7.0	6.0	6.0	0.0
7	---	---	---	---	---	2.4	7.0	8.0	7.0	6.0	6.0	0.0
8	---	---	---	---	---	2.8	7.0	7.8	7.0	6.0	6.0	0.0
9	---	---	---	---	---	3.2	7.0	7.7	7.0	6.0	6.0	0.0
10	---	---	---	---	---	3.6	7.0	7.5	7.0	6.0	6.0	0.0
11	---	---	---	---	---	4.0	7.0	7.3	7.0	6.0	6.0	0.0
12	---	---	---	---	---	4.4	7.0	7.2	7.0	6.0	6.0	0.0
13	---	---	---	---	---	4.9	7.0	7.0	6.8	6.0	6.0	0.0
14	---	---	---	---	---	5.3	7.0	7.0	6.7	6.0	6.0	0.0
15	---	---	---	---	---	5.7	7.0	7.0	6.5	6.0	6.0	0.0
16	---	---	---	---	---	6.1	7.0	7.0	6.3	6.0	6.0	0.0
17	---	---	---	---	---	6.6	7.0	7.0	6.2	6.0	6.0	0.0
18	---	---	---	---	---	7.0	7.2	7.0	6.0	6.0	6.0	0.0
19	---	---	---	---	---	7.0	7.3	7.0	6.0	6.0	6.0	0.0
20	---	---	---	---	---	7.0	7.5	7.0	6.0	6.0	6.0	0.0
21	---	---	---	---	---	7.0	7.7	7.0	6.0	6.0	6.0	0.0
22	---	---	---	---	---	7.0	7.8	7.0	6.0	6.0	6.0	0.0
23	---	---	---	---	---	7.0	8.0	7.0	6.0	6.0	6.0	0.0
24	---	---	---	---	---	7.0	8.0	7.0	6.0	6.0	6.0	0.0
25	---	---	---	---	---	7.0	8.0	7.0	6.0	6.0	6.0	0.0
26	---	---	---	---	---	7.0	8.0	7.0	6.0	6.0	6.0	0.0
27	---	---	---	---	---	7.0	8.0	7.0	6.0	6.0	6.0	0.0
28	---	---	---	---	---	7.0	8.0	7.0	6.0	6.0	6.0	0.0
29	---	---	---	---	---	7.0	8.0	7.0	6.0	6.0	6.0	0.0
30	---	---	---	---	---	7.0	8.0	7.0	6.0	6.0	5.0	0.0
31	---	---	---	---	---	7.0	8.0	7.0	6.0	6.0	4.0	0.0
TOTAL						---	8.0	---	6.0	6.0	3.0	0.0
MEAN						146	229	220	201	186	174	3
MAX						4.9	7.4	7.3	6.5	6.0	5.8	0.1
MIN						7.0	8.0	8.0	7.0	6.0	6.0	2.0
AC-FT						0.0	7.0	7.0	6.0	6.0	3.0	0.0
						290	453	435	398	369	345	6
IRRIGATION YEAR 1988						TOTAL	1158	MEAN	3	AC-FT	2295	

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13206260 GRAHAM-GILBERT CANAL
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1987 TO OCTOBER 1988
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	---	---	---	---	---	0.0	0.0	1.0	1.0	0.0	0.8	0.0
2	---	---	---	---	---	0.0	0.0	1.0	1.0	0.0	0.6	0.0
3	---	---	---	---	---	0.0	0.0	1.0	1.0	0.0	0.4	0.0
4	---	---	---	---	---	0.0	0.0	1.0	1.0	0.0	0.2	0.0
5	---	---	---	---	---	0.0	0.0	1.0	1.0	0.0	0.0	0.0
6	---	---	---	---	---	0.0	0.0	1.0	1.0	0.0	0.0	0.0
7	---	---	---	---	---	0.0	0.0	1.0	0.8	0.0	0.0	0.0
8	---	---	---	---	---	0.0	0.0	1.0	0.7	0.0	0.0	0.0
9	---	---	---	---	---	0.0	0.0	1.0	0.5	0.0	0.0	0.0
10	---	---	---	---	---	0.0	0.0	1.0	0.3	0.0	0.0	0.0
11	---	---	---	---	---	0.0	0.0	1.0	0.2	0.0	0.0	0.0
12	---	---	---	---	---	0.0	0.0	1.0	0.0	0.0	0.0	0.0
13	---	---	---	---	---	0.0	0.0	1.0	0.0	0.0	0.0	0.0
14	---	---	---	---	---	0.0	0.0	1.0	0.0	0.0	0.0	0.0
15	---	---	---	---	---	0.0	0.0	1.0	0.0	0.0	0.0	0.0
16	---	---	---	---	---	0.0	0.0	0.8	0.0	0.0	0.0	0.0
17	---	---	---	---	---	0.0	0.0	0.7	0.0	0.0	0.0	0.0
18	---	---	---	---	---	0.0	0.0	0.5	0.0	0.2	0.0	0.0
19	---	---	---	---	---	0.0	0.0	0.3	0.0	0.3	0.0	0.0
20	---	---	---	---	---	0.0	0.0	0.2	0.0	0.5	0.0	0.0
21	---	---	---	---	---	0.0	0.0	0.0	0.2	0.7	0.0	0.0
22	---	---	---	---	---	0.0	0.0	0.0	0.4	0.8	0.0	0.0
23	---	---	---	---	---	0.0	0.0	0.2	0.6	1.0	0.0	0.0
24	---	---	---	---	---	0.0	0.0	0.3	0.8	1.0	0.0	0.0
25	---	---	---	---	---	0.0	1.0	0.5	1.0	1.0	0.0	0.0
26	---	---	---	---	---	0.0	1.0	0.7	1.0	1.0	0.0	0.0
27	---	---	---	---	---	0.0	1.0	0.8	1.0	1.0	0.0	0.0
28	---	---	---	---	---	0.0	1.0	1.0	1.0	1.0	0.0	0.0
29	---	---	---	---	---	0.0	1.0	1.0	0.8	1.0	0.0	0.0
30	---	---	---	---	---	0.0	1.0	1.0	0.7	1.0	0.0	0.0
31	---	---	---	---	---	0.0	1.0	1.0	0.5	1.0	0.0	0.0
TOTAL						---	1.0	---	0.2	1.0	0.0	0.0
MEAN						0	8	23	15	1.0	---	0.0
MAX						0.0	0.3	0.8	0.5	1.3	2	0
MIN						0.0	1.0	1.0	0.4	0.1	0.8	0.0
AC-FT						0.0	0.0	0.0	1.0	1.0	0.0	0.0
						0	16	46	30	25	4	0
IRRIGATION YEAR 1988												
TOTAL				61	MEAN	0	AC-FT	120				

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13206265 BALLENTYNE CANAL
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1987 TO OCTOBER 1988
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	---	---	---	---	---	0.0	17	18	15	12	8.0	9.0
2	---	---	---	---	---	0.0	18	18	14	12	8.0	8.5
3	---	---	---	---	---	0.0	18	18	14	12	8.0	8.0
4	---	---	---	---	---	0.0	18	17	14	12	8.0	8.0
5	---	---	---	---	---	0.0	18	17	14	12	8.0	8.0
6	---	---	---	---	---	0.0	18	17	14	12	8.0	8.0
7	---	---	---	---	---	0.0	18	17	14	12	8.0	8.0
8	---	---	---	---	---	0.0	18	17	13	12	8.3	8.0
9	---	---	---	---	---	0.0	18	17	13	12	8.7	8.0
10	---	---	---	---	---	0.0	18	17	13	12	9.0	8.0
11	---	---	---	---	---	0.0	18	17	12	12	9.3	8.0
12	---	---	---	---	---	0.0	18	17	12	12	9.7	8.0
13	---	---	---	---	---	1.6	18	17	12	12	10	8.0
14	---	---	---	---	---	3.1	18	17	12	12	10	8.0
15	---	---	---	---	---	4.7	18	17	12	12	10	8.0
16	---	---	---	---	---	6.3	18	17	12	12	10	8.0
17	---	---	---	---	---	7.9	18	17	12	12	11	8.0
18	---	---	---	---	---	9.4	18	18	12	12	11	8.0
19	---	---	---	---	---	11	18	18	12	11	11	4.0
20	---	---	---	---	---	11	18	18	12	11	11	0.0
21	---	---	---	---	---	11	18	18	12	10	11	0.0
22	---	---	---	---	---	12	18	18	12	9.5	11	0.0
23	---	---	---	---	---	12	18	18	12	9.0	11	0.0
24	---	---	---	---	---	12	18	17	12	9.0	11	0.0
25	---	---	---	---	---	13	18	17	12	8.9	11	0.0
26	---	---	---	---	---	13	18	16	12	8.7	11	0.0
27	---	---	---	---	---	13	18	16	12	8.6	11	0.0
28	---	---	---	---	---	14	18	15	12	8.4	11	0.0
29	---	---	---	---	---	15	18	15	12	8.3	11	0.0
30	---	---	---	---	---	16	18	15	12	8.1	10	0.0
31	---	---	---	---	---	16	18	15	12	8.0	9.5	0.0
TOTAL						201	557	506	388	330	295	142
MEAN						6.7	18	17	13	11	9.8	4.6
MAX						16	18	18	15	12	11	9.0
MIN						0.0	17	15	12	8.0	8.0	0.0
AC-FT						399	1105	1004	770	654	584	281
IRRIGATION YEAR 1988												
TOTAL						2418						
MEAN							7					
AC-FT								4796				

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13206270 CONWAY-HAMMING CANAL
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1987 TO OCTOBER 1988
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	---	---	---	---	---	0.0	0.7	4.0	4.0	3.0	3.0	3.0
2	---	---	---	---	---	0.0	0.0	4.0	4.0	3.0	3.0	3.0
3	---	---	---	---	---	0.0	0.0	4.0	4.0	3.0	3.0	3.0
4	---	---	---	---	---	0.0	0.7	4.0	4.0	3.0	3.0	3.0
5	---	---	---	---	---	0.0	1.3	4.0	4.0	3.0	3.0	2.8
6	---	---	---	---	---	0.0	2.0	4.0	4.0	3.0	3.0	2.7
7	---	---	---	---	---	0.0	2.7	4.0	4.0	3.0	3.0	2.5
8	---	---	---	---	---	0.0	3.3	4.0	4.0	3.0	3.0	2.3
9	---	---	---	---	---	0.0	4.0	4.0	4.0	3.0	3.0	2.2
10	---	---	---	---	---	0.0	4.0	4.0	4.0	3.0	3.0	2.0
11	---	---	---	---	---	0.0	4.0	4.0	4.0	3.0	3.0	2.0
12	---	---	---	---	---	0.4	4.0	4.0	4.0	3.0	3.0	2.0
13	---	---	---	---	---	0.9	4.0	4.0	3.8	3.0	3.0	2.0
14	---	---	---	---	---	1.3	4.0	4.0	3.7	3.0	3.0	2.0
15	---	---	---	---	---	1.7	4.0	4.0	3.5	3.0	3.0	2.0
16	---	---	---	---	---	2.1	4.0	4.0	3.3	3.0	3.0	0.0
17	---	---	---	---	---	2.6	4.0	4.0	3.2	3.0	3.0	0.0
18	---	---	---	---	---	3.0	4.0	4.0	3.0	3.0	3.0	0.0
19	---	---	---	---	---	3.0	4.0	4.0	3.0	3.0	3.0	0.0
20	---	---	---	---	---	3.2	4.0	4.0	3.0	3.0	3.0	0.0
21	---	---	---	---	---	3.3	4.0	4.0	3.0	3.0	3.0	0.0
22	---	---	---	---	---	3.5	4.0	4.0	3.0	3.0	3.0	0.0
23	---	---	---	---	---	3.7	4.0	4.0	3.0	3.0	3.0	0.0
24	---	---	---	---	---	3.8	4.0	4.0	3.0	3.0	3.0	0.0
25	---	---	---	---	---	4.0	4.0	4.0	3.0	3.0	3.0	0.0
26	---	---	---	---	---	4.0	4.0	4.0	3.0	3.0	3.0	0.0
27	---	---	---	---	---	4.0	4.0	4.0	3.0	3.0	3.0	0.0
28	---	---	---	---	---	3.3	4.0	4.0	3.0	3.0	3.0	0.0
29	---	---	---	---	---	2.7	4.0	4.0	3.0	3.0	3.0	0.0
30	---	---	---	---	---	2.0	4.0	4.0	3.0	3.0	3.0	0.0
31	---	---	---	---	---	1.3	4.0	4.0	3.0	3.0	3.0	0.0
TOTAL						50	103	120	108	93	90	37
MEAN						1.7	3.3	4.0	3.5	3.0	3.0	1.2
MAX						4.0	4.0	4.0	4.0	3.0	3.0	3.0
MIN						0.0	0.0	4.0	3.0	3.0	3.0	0.0
AC-FT						99	204	238	213	184	179	72
IRRIGATION YEAR 1988												
TOTAL						600	MEAN	2	AC-FT	1189		

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13206274 EAGLE ISLAND PARK
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1987 TO OCTOBER 1988
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	---	---	---	---	---	0.0	0.3	0.3	0.3	0.3	0.3	0.3
2	---	---	---	---	---	0.0	0.3	0.3	0.3	0.3	0.3	0.3
3	---	---	---	---	---	0.0	0.3	0.3	0.3	0.3	0.3	0.3
4	---	---	---	---	---	0.0	0.3	0.3	0.3	0.3	0.3	0.3
5	---	---	---	---	---	0.0	0.3	0.3	0.3	0.3	0.3	0.3
6	---	---	---	---	---	0.0	0.3	0.3	0.3	0.3	0.3	0.3
7	---	---	---	---	---	0.0	0.3	0.3	0.3	0.3	0.3	0.3
8	---	---	---	---	---	0.0	0.3	0.3	0.3	0.3	0.3	0.3
9	---	---	---	---	---	0.0	0.3	0.3	0.3	0.3	0.3	0.3
10	---	---	---	---	---	0.0	0.3	0.3	0.3	0.3	0.3	0.3
11	---	---	---	---	---	0.0	0.3	0.3	0.3	0.3	0.3	0.3
12	---	---	---	---	---	0.0	0.3	0.3	0.3	0.3	0.3	0.3
13	---	---	---	---	---	0.0	0.3	0.3	0.3	0.3	0.3	0.4
14	---	---	---	---	---	0.0	0.3	0.3	0.3	0.3	0.3	0.4
15	---	---	---	---	---	0.0	0.3	0.3	0.3	0.3	0.3	0.4
16	---	---	---	---	---	0.0	0.3	0.3	0.3	0.3	0.3	0.4
17	---	---	---	---	---	0.3	0.3	0.3	0.3	0.3	0.3	0.4
18	---	---	---	---	---	0.3	0.3	0.3	0.3	0.3	0.3	---
19	---	---	---	---	---	0.3	0.3	0.3	0.3	0.3	0.3	---
20	---	---	---	---	---	0.3	0.2	0.3	0.2	0.3	0.3	---
21	---	---	---	---	---	0.3	0.2	0.3	0.2	0.2	0.3	---
22	---	---	---	---	---	0.3	0.2	0.2	0.2	0.2	0.2	---
23	---	---	---	---	---	0.3	0.2	0.2	0.2	0.2	0.2	---
24	---	---	---	---	---	0.3	0.2	0.2	0.2	0.2	0.2	---
25	---	---	---	---	---	0.3	0.2	0.2	0.2	0.2	0.2	---
26	---	---	---	---	---	0.3	0.2	0.2	0.2	0.2	0.2	---
27	---	---	---	---	---	0.4	0.2	0.2	0.2	0.2	0.2	---
28	---	---	---	---	---	0.4	0.2	0.2	0.2	0.2	0.2	---
29	---	---	---	---	---	0.4	0.2	0.2	0.2	0.2	0.2	---
30	---	---	---	---	---	0.4	0.2	0.2	0.2	0.2	0.2	---
31	---	---	---	---	---	0.4	0.2	0.2	0.2	0.2	0.2	---
TOTAL						---	0.2	---	0.2	0.2	---	---
MEAN						5	8					---
MAX						0.2	0.3	8	8	8	8	5
MIN						0.4	0.3	0.3	0.3	0.3	0.3	0.3
AC-FT						0.0	0.2	0.2	0.2	0.2	0.2	0.3
						10	16	16	16	16	16	10
IRRIGATION YEAR 1988												
TOTAL				50	MEAN	0	AC-FT	99				

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[illegible]

13206292 MACE-CATLIN CANAL
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1987 TO OCTOBER 1988
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	---	---	---	---	---	0.0	3.7	5.7	7.0	7.0	4.0	6.0
2	---	---	---	---	---	0.0	3.0	5.3	7.0	7.0	4.0	6.0
3	---	---	---	---	---	0.0	3.0	5.0	7.0	6.8	4.0	6.0
4	---	---	---	---	---	0.0	3.3	4.7	7.0	6.7	4.0	6.0
5	---	---	---	---	---	0.0	3.7	4.3	7.0	6.5	4.0	6.0
6	---	---	---	---	---	0.0	4.0	4.0	7.0	6.3	4.0	6.0
7	---	---	---	---	---	0.0	4.3	4.0	7.0	6.2	4.3	6.0
8	---	---	---	---	---	0.0	4.7	4.7	7.0	6.0	4.7	6.0
9	---	---	---	---	---	0.0	5.0	5.3	7.0	6.0	5.0	6.0
10	---	---	---	---	---	0.0	5.0	6.0	7.0	6.0	5.3	6.0
11	---	---	---	---	---	0.0	4.8	6.7	7.0	6.0	5.7	6.0
12	---	---	---	---	---	0.7	4.7	7.3	7.0	6.0	6.0	6.0
13	---	---	---	---	---	1.4	4.5	8.0	7.2	6.0	6.0	6.0
14	---	---	---	---	---	2.1	4.3	8.0	7.3	6.0	6.0	6.0
15	---	---	---	---	---	2.9	4.2	8.0	7.5	6.0	6.0	6.0
16	---	---	---	---	---	3.6	4.0	8.0	7.7	6.0	6.0	6.0
17	---	---	---	---	---	4.3	4.0	8.0	7.8	6.0	6.0	6.0
18	---	---	---	---	---	5.0	4.6	8.0	8.0	6.0	6.0	6.0
19	---	---	---	---	---	5.0	5.2	8.0	8.0	6.0	6.0	6.0
20	---	---	---	---	---	5.3	5.8	8.0	8.2	6.0	6.0	6.0
21	---	---	---	---	---	5.7	6.3	8.0	8.3	6.0	6.0	6.0
22	---	---	---	---	---	6.0	6.9	7.8	8.5	6.0	6.0	6.0
23	---	---	---	---	---	6.3	7.5	7.7	8.7	6.0	6.0	6.0
24	---	---	---	---	---	6.7	7.5	7.5	8.8	6.0	6.0	6.0
25	---	---	---	---	---	7.0	7.3	7.3	9.0	5.4	6.0	6.0
26	---	---	---	---	---	7.0	7.0	7.2	9.0	5.1	6.0	6.0
27	---	---	---	---	---	6.3	6.8	7.0	8.7	4.9	6.0	6.0
28	---	---	---	---	---	5.7	6.5	7.0	8.3	4.6	6.0	6.0
29	---	---	---	---	---	5.0	6.3	7.0	8.0	4.3	6.0	6.0
30	---	---	---	---	---	4.3	6.0	7.0	7.7	4.0	6.0	6.0
31	---	---	---	---	---	---	6.0	---	7.3	4.0	---	2.0
TOTAL						90	160	201	238	181	163	182
MEAN						3.0	5.2	6.7	7.7	5.8	5.4	5.9
MAX						7.0	7.5	8.0	9.0	7.0	6.0	6.0
MIN						0.0	3.0	4.0	7.0	4.0	4.0	2.0
AC-FT						179	317	398	472	358	323	361
IRRIGATION YEAR 1988			TOTAL	1214	MEAN	3	AC-FT	2408				

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0106295 RACE-RACE CANAL
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1987 TO OCTOBER 1988
MEAN VALUES

DATE	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	---	---	---	---	---	0.0	0.0	0.0	2.0	0.0	2.4	0.0
2	---	---	---	---	---	0.0	0.0	0.0	2.3	0.0	1.8	0.0
3	---	---	---	---	---	0.0	0.0	0.0	2.7	0.0	1.2	0.0
4	---	---	---	---	---	0.0	0.0	0.0	3.0	0.0	0.6	0.0
5	---	---	---	---	---	0.0	0.0	0.0	3.0	0.0	0.0	0.0
6	---	---	---	---	---	0.0	0.0	0.0	2.7	0.0	0.0	0.0
7	---	---	---	---	---	0.0	0.0	0.0	2.3	0.0	0.0	0.0
8	---	---	---	---	---	0.0	0.0	0.0	2.0	0.0	0.0	0.0
9	---	---	---	---	---	0.0	0.0	0.0	1.7	0.0	0.0	0.0
10	---	---	---	---	---	0.0	0.0	0.0	1.3	0.0	0.0	0.0
11	---	---	---	---	---	0.0	0.0	0.0	1.0	0.0	0.0	0.0
12	---	---	---	---	---	0.0	0.0	0.0	1.0	0.0	0.0	0.0
13	---	---	---	---	---	0.0	0.0	0.0	1.0	0.0	0.0	0.0
14	---	---	---	---	---	0.0	0.0	0.0	1.0	0.0	0.4	0.0
15	---	---	---	---	---	0.0	0.0	0.0	0.0	0.0	0.8	0.0
16	---	---	---	---	---	0.0	0.0	0.0	0.0	0.0	1.3	0.0
17	---	---	---	---	---	0.0	0.0	0.0	0.0	0.0	1.7	0.0
18	---	---	---	---	---	0.0	0.0	0.0	0.0	0.0	2.1	0.0
19	---	---	---	---	---	0.0	0.0	0.0	0.0	0.0	2.5	0.0
20	---	---	---	---	---	0.0	0.0	0.0	0.2	0.0	2.5	0.0
21	---	---	---	---	---	0.0	0.0	0.0	0.3	0.0	2.1	0.0
22	---	---	---	---	---	0.0	0.0	0.3	0.5	0.0	1.7	0.0
23	---	---	---	---	---	0.0	0.0	0.7	0.7	0.0	1.3	0.0
24	---	---	---	---	---	0.0	0.0	1.0	0.8	0.4	0.8	0.0
25	---	---	---	---	---	0.0	0.0	1.3	1.0	0.9	0.4	0.0
26	---	---	---	---	---	0.0	0.0	1.7	1.0	1.3	0.0	0.0
27	---	---	---	---	---	0.0	0.0	2.0	0.8	1.7	0.0	0.0
28	---	---	---	---	---	0.0	0.0	1.0	0.7	1.7	0.0	0.0
29	---	---	---	---	---	0.0	0.0	1.3	0.5	2.1	0.0	0.0
30	---	---	---	---	---	0.0	0.0	1.7	0.3	2.6	0.0	0.0
31	---	---	---	---	---	0.0	0.0	---	0.2	3.0	0.0	0.0
TOTAL						0	0	11	34	15	24	0
MEAN						0.0	0.0	0.4	1.1	0.5	0.8	0.0
MAX						0.0	0.0	2.0	3.0	3.0	2.5	0.0
MIN						0.0	0.0	0.0	0.0	0.0	0.0	0.0
AC-FT						0	0	22	67	30	47	0
IRRIGATION YEAR 1988												
TOTAL				84		MEAN	0	AC-FT	165			

13206308 WROTEN PUMP
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1987 TO OCTOBER 1988
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	---	---	---	---	---	0.0	0.0	1.7	1.0	0.0	1.0	0.0
2	---	---	---	---	---	0.0	0.0	1.3	0.7	0.0	1.0	0.0
3	---	---	---	---	---	0.0	0.0	1.0	0.3	0.0	1.0	0.0
4	---	---	---	---	---	0.0	0.0	0.7	0.0	0.0	1.0	0.0
5	---	---	---	---	---	0.0	0.0	0.3	1.0	0.0	1.0	0.0
6	---	---	---	---	---	0.0	0.0	0.0	0.8	0.0	0.0	0.0
7	---	---	---	---	---	0.0	0.0	2.0	0.7	0.0	0.0	0.0
8	---	---	---	---	---	0.0	0.0	1.7	0.5	0.0	0.0	0.0
9	---	---	---	---	---	0.0	0.0	1.3	0.3	0.0	0.0	0.0
10	---	---	---	---	---	0.0	0.0	1.0	0.2	0.0	0.0	0.0
11	---	---	---	---	---	0.0	0.0	0.7	0.0	0.0	0.0	0.0
12	---	---	---	---	---	0.0	0.0	0.3	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	2.0	0.0	0.0	0.0	0.0
15	---	---	---	---	---	0.0	0.0	1.7	0.0	0.0	0.0	0.0
16	---	---	---	---	---	0.0	0.0	1.3	0.0	0.0	0.0	0.0
17	---	---	---	---	---	0.0	2.0	1.0	0.0	0.2	0.0	0.0
18	---	---	---	---	---	0.0	2.0	0.7	0.0	0.3	0.0	0.0
19	---	---	---	---	---	0.0	2.0	0.3	0.0	0.5	0.0	0.0
20	---	---	---	---	---	0.0	2.0	0.0	0.2	0.7	0.0	0.0
21	---	---	---	---	---	0.0	2.0	0.0	0.4	0.8	0.0	0.0
22	---	---	---	---	---	0.0	2.0	0.3	0.6	1.0	0.0	0.0
23	---	---	---	---	---	0.0	2.0	0.7	0.8	1.0	0.0	0.0
24	---	---	---	---	---	0.0	2.0	1.0	1.0	1.0	0.0	0.0
25	---	---	---	---	---	0.0	2.0	1.3	1.0	1.0	0.0	0.0
26	---	---	---	---	---	0.0	2.0	1.7	1.0	1.0	0.0	0.0
27	---	---	---	---	---	0.0	2.0	2.0	0.8	1.0	0.0	0.0
28	---	---	---	---	---	0.0	2.0	2.0	0.7	1.0	0.0	0.0
29	---	---	---	---	---	0.0	2.0	1.7	0.5	1.0	0.0	0.0
30	---	---	---	---	---	0.0	2.0	1.3	0.3	1.0	0.0	0.0
31	---	---	---	---	---	---	2.0	---	0.2	1.0	---	0.0
TOTAL						0	30	31	13	13	5	0
MEAN						0.0	1.0	1.0	0.4	0.4	0.2	0.0
MAX						0.0	2.0	2.0	1.0	1.0	1.0	0.0
MIN						0.0	0.0	0.0	0.0	0.0	0.0	0.0
AC-FT						0	60	61	26	25	10	0
IRRIGATION YEAR 1988												
TOTAL				92	MEAN	0	AC-FT	181				

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13208450 HART-DAVIS CANAL
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1987 TO OCTOBER 1988
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	---	---	---	---	---	0.0	0.0	7.0	5.5	6.0	5.0	4.0
2	---	---	---	---	---	0.0	0.0	7.0	5.7	6.0	5.0	3.8
3	---	---	---	---	---	0.0	0.0	7.0	5.8	5.8	5.0	3.5
4	---	---	---	---	---	7.0	0.0	7.0	6.0	5.7	5.0	3.5
5	---	---	---	---	---	7.0	0.0	7.0	6.0	5.5	5.0	3.5
6	---	---	---	---	---	7.0	0.0	7.0	6.3	5.3	5.0	3.5
7	---	---	---	---	---	7.0	0.0	7.0	6.7	5.2	5.0	3.5
8	---	---	---	---	---	7.0	0.0	6.7	7.0	5.0	5.0	3.5
9	---	---	---	---	---	7.0	0.0	6.3	7.3	5.0	5.0	3.5
10	---	---	---	---	---	7.0	0.0	6.0	7.7	5.0	5.0	3.5
11	---	---	---	---	---	7.0	1.5	5.7	8.0	5.0	5.0	3.5
12	---	---	---	---	---	7.0	3.0	5.3	8.0	5.0	5.0	3.5
13	---	---	---	---	---	7.0	4.5	5.0	7.8	5.0	5.0	3.5
14	---	---	---	---	---	7.0	6.0	5.0	7.7	5.0	5.0	3.5
15	---	---	---	---	---	7.0	7.5	5.0	7.5	5.0	5.0	3.5
16	---	---	---	---	---	7.0	9.0	5.0	7.3	5.0	5.0	0.0
17	---	---	---	---	---	7.0	9.0	5.0	7.2	5.2	5.0	0.0
18	---	---	---	---	---	7.0	8.7	5.0	7.0	5.3	5.0	0.0
19	---	---	---	---	---	0.0	8.3	5.0	7.0	5.5	5.0	0.0
20	---	---	---	---	---	0.0	8.0	5.0	6.8	5.7	5.0	0.0
21	---	---	---	---	---	0.0	7.7	5.0	6.7	5.8	5.0	0.0
22	---	---	---	---	---	0.0	7.3	5.0	6.5	6.0	5.0	0.0
23	---	---	---	---	---	0.0	7.0	5.0	6.3	6.0	5.0	0.0
24	---	---	---	---	---	0.0	7.0	5.0	6.2	5.9	5.0	0.0
25	---	---	---	---	---	0.0	7.0	5.0	6.0	5.7	5.0	0.0
26	---	---	---	---	---	0.0	7.0	5.0	6.0	5.6	5.0	0.0
27	---	---	---	---	---	0.0	7.0	5.0	6.0	5.4	5.0	0.0
28	---	---	---	---	---	0.0	7.0	5.0	6.0	5.3	4.8	0.0
29	---	---	---	---	---	0.0	7.0	5.2	6.0	5.1	4.5	0.0
30	---	---	---	---	---	0.0	7.0	5.3	6.0	5.0	4.3	0.0
31	---	---	---	---	---	---	7.0	---	6.0	5.0	---	0.0
TOTAL						105	144	170	206	167	149	53
MEAN						3.5	4.6	5.7	6.6	5.4	5.0	1.7
MAX						7.0	9.0	7.0	8.0	6.0	5.0	4.0
MIN						0.0	0.0	5.0	5.5	5.0	4.3	0.0
AC-FT						208	285	336	409	331	295	106
IRRIGATION YEAR 1988												
TOTAL					993							
MEAN												
3												
AC-FT												
1969												

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14-NOV-88

13208710 MIDDLETON CANAL
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1987 TO OCTOBER 1988
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	---	---	---	---	---	0.0	102	95	164	98	88	78
2	---	---	---	---	---	0.0	103	95	123	97	88	78
3	---	---	---	---	---	0.0	104	94	119	97	87	79
4	---	---	---	---	---	0.0	103	94	115	98	86	79
5	---	---	---	---	---	0.0	102	94	111	98	86	79
6	---	---	---	---	---	0.0	102	93	111	99	85	79
7	---	---	---	---	---	0.0	101	93	109	100	85	80
8	---	---	---	---	---	0.0	100	87	107	100	85	80
9	---	---	---	---	---	0.0	100	94	105	101	84	80
10	---	---	---	---	---	0.0	99	100	103	101	84	81
11	---	---	---	---	---	40	99	107	101	100	84	81
12	---	---	---	---	---	45	102	113	99	99	83	81
13	---	---	---	---	---	50	104	120	99	99	83	80
14	---	---	---	---	---	55	107	126	100	98	83	80
15	---	---	---	---	---	60	109	124	101	97	83	79
16	---	---	---	---	---	64	112	141	102	96	82	78
17	---	---	---	---	---	69	114	146	92	96	82	78
18	---	---	---	---	---	74	114	153	98	97	81	77
19	---	---	---	---	---	79	115	143	104	98	81	76
20	---	---	---	---	---	79	116	124	104	99	80	76
21	---	---	---	---	---	82	117	114	106	100	80	75
22	---	---	---	---	---	85	117	114	107	101	79	71
23	---	---	---	---	---	89	118	122	109	102	79	67
24	---	---	---	---	---	92	119	130	110	102	78	63
25	---	---	---	---	---	95	119	138	106	100	77	58
26	---	---	---	---	---	98	119	146	102	98	77	54
27	---	---	---	---	---	98	110	154	102	96	76	50
28	---	---	---	---	---	99	110	162	101	93	76	40
29	---	---	---	---	---	100	95	162	100	91	77	30
30	---	---	---	---	---	101	95	164	100	89	77	20
31	---	---	---	---	---	---	95	---	99	89	---	0.0
TOTAL						1553	3320	3641	3308	3028	2454	2106
MEAN						52	107	121	107	98	82	68
MAX						101	119	164	164	102	88	81
MIN						0.0	95	87	92	89	76	0.0
AC-FT						3081	6585	7221	6561	6006	4868	4176
IRRIGATION YEAR 1988			TOTAL	19409	MEAN	53	AC-FT	38496				

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13208738 BARBER PUMPS
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1987 TO OCTOBER 1988
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	---	---	---	---	---	0.0	0.7	0.0	0.7	0.7	0.0	0.0
2	---	---	---	---	---	0.0	0.7	0.7	0.7	0.0	0.0	0.0
3	---	---	---	---	---	0.0	0.0	0.7	0.7	0.0	0.0	0.0
4	---	---	---	---	---	0.0	0.0	0.7	0.7	0.7	0.0	0.0
5	---	---	---	---	---	0.0	0.7	0.7	0.0	0.7	0.0	0.0
6	---	---	---	---	---	0.0	0.7	0.7	0.0	0.7	0.0	0.0
7	---	---	---	---	---	0.0	0.7	0.0	0.7	0.7	0.0	0.0
8	---	---	---	---	---	0.0	0.7	0.0	0.7	0.7	0.0	0.0
9	---	---	---	---	---	0.0	0.7	0.0	0.7	0.7	0.0	0.0
10	---	---	---	---	---	0.0	0.7	0.7	0.7	0.0	0.0	0.0
11	---	---	---	---	---	0.0	0.0	0.7	0.7	0.0	0.0	0.0
12	---	---	---	---	---	0.0	0.0	0.7	0.7	0.7	0.0	0.0
13	---	---	---	---	---	0.0	0.7	0.7	0.0	0.7	0.0	0.0
14	---	---	---	---	---	0.0	0.7	0.7	0.0	0.7	0.0	0.0
15	---	---	---	---	---	0.0	0.7	0.0	0.7	0.7	0.0	0.0
16	---	---	---	---	---	0.0	0.7	0.0	0.7	0.7	0.0	0.0
17	---	---	---	---	---	0.0	0.7	0.7	0.7	0.0	0.0	0.0
18	---	---	---	---	---	0.0	0.0	0.7	0.7	0.0	0.0	0.0
19	---	---	---	---	---	0.0	0.0	0.7	0.7	0.0	0.0	0.0
20	---	---	---	---	---	0.0	0.7	0.7	0.7	0.7	0.0	0.0
21	---	---	---	---	---	0.0	0.7	0.7	0.0	0.7	0.0	0.0
22	---	---	---	---	---	0.0	0.7	0.0	0.7	0.7	0.0	0.0
23	---	---	---	---	---	0.0	0.7	0.0	0.7	0.7	0.0	0.0
24	---	---	---	---	---	0.0	0.7	0.7	0.7	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	0.7	0.7	0.0	0.0	0.0
27	---	---	---	---	---	0.0	0.7	0.7	0.0	0.7	0.0	0.0
28	---	---	---	---	---	0.0	0.7	0.7	0.0	0.7	0.0	0.0
29	---	---	---	---	---	0.7	0.7	0.7	0.0	0.7	0.0	0.0
30	---	---	---	---	---	0.7	0.7	0.0	0.7	0.7	0.0	0.0
31	---	---	---	---	---	0.7	0.7	0.7	0.7	0.7	0.0	0.0
TOTAL						---	0.0	---	0.7	0.0	0.0	0.0
MEAN						2	15	15	16	15	0	0
MAX						0.1	0.5	0.5	0.5	0.5	0.0	0.0
MIN						0.7	0.7	0.7	0.7	0.7	0.0	0.0
AC-FT						0.0	0.0	0.0	0.0	0.0	0.0	0.0
						4	31	29	32	29	0	0
IRRIGATION YEAR 1988												
TOTAL				63	MEAN	0	AC-FT	124				

13208740 SEVEN SUCKERS CANAL
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1987 TO OCTOBER 1988
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	---	---	---	---	---	0.0	0.2	1.2	1.2	1.2	1.2	1.2
2	---	---	---	---	---	0.0	0.0	1.2	1.2	1.2	1.2	1.2
3	---	---	---	---	---	0.0	0.0	1.2	1.2	1.2	1.2	1.2
4	---	---	---	---	---	0.0	0.2	1.2	1.2	1.2	1.2	1.2
5	---	---	---	---	---	0.0	0.4	1.2	1.2	1.2	1.2	1.0
6	---	---	---	---	---	0.0	0.6	1.2	1.2	1.2	1.2	0.8
7	---	---	---	---	---	0.0	0.8	1.2	1.2	1.2	1.2	0.6
8	---	---	---	---	---	0.0	1.0	1.2	1.2	1.2	1.2	0.4
9	---	---	---	---	---	0.0	1.2	1.2	1.2	1.2	1.2	0.2
10	---	---	---	---	---	0.0	1.2	1.2	1.2	1.2	1.2	0.0
11	---	---	---	---	---	0.0	1.2	1.2	1.2	1.2	1.2	0.0
12	---	---	---	---	---	0.0	1.2	1.2	1.2	1.2	1.2	0.0
13	---	---	---	---	---	0.0	1.2	1.2	1.2	1.2	1.2	0.0
14	---	---	---	---	---	0.0	1.2	1.2	1.2	1.2	1.2	0.0
15	---	---	---	---	---	0.0	1.2	1.2	1.2	1.2	1.2	0.0
16	---	---	---	---	---	0.0	1.2	1.2	1.2	1.2	1.2	0.0
17	---	---	---	---	---	0.0	1.2	1.2	1.2	1.2	1.2	0.0
18	---	---	---	---	---	0.0	1.2	1.2	1.2	1.2	1.2	0.0
19	---	---	---	---	---	1.2	1.2	1.2	1.2	1.2	1.2	0.0
20	---	---	---	---	---	1.2	1.2	1.2	1.2	1.2	1.2	0.0
21	---	---	---	---	---	1.2	1.2	1.2	1.2	1.2	1.2	0.0
22	---	---	---	---	---	1.2	1.2	1.2	1.2	1.2	1.2	0.0
23	---	---	---	---	---	1.2	1.2	1.2	1.2	1.2	1.2	0.0
24	---	---	---	---	---	1.2	1.2	1.2	1.2	1.2	1.2	0.0
25	---	---	---	---	---	1.2	1.2	1.2	1.2	1.2	1.2	0.0
26	---	---	---	---	---	1.2	1.2	1.2	1.2	1.2	1.2	0.0
27	---	---	---	---	---	1.2	1.2	1.2	1.2	1.2	1.2	0.0
28	---	---	---	---	---	1.0	1.2	1.2	1.2	1.2	1.2	0.0
29	---	---	---	---	---	0.8	1.2	1.2	1.2	1.2	1.2	0.0
30	---	---	---	---	---	0.6	1.2	1.2	1.2	1.2	1.2	0.0
31	---	---	---	---	---	0.4	1.2	1.2	1.2	1.2	1.2	0.0
TOTAL						---	1.2	---	1.2	1.2	---	0.0
MEAN						12	31					0.0
MAX						0.4	1.0	36	37	37	36	8
MIN						1.2	1.2	1.2	1.2	1.2	1.2	0.3
AC-FT						0.0	0.0	1.2	1.2	1.2	1.2	1.2
						25	61	71	74	74	71	15
IRRIGATION YEAR 1988												
TOTAL						197	MEAN	1	AC-FT	391		

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13289480 PUYALLUP CANAL
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1987 TO OCTOBER 1988
MEAN VALUES

DAT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	---	---	---	---	---	0.0	381	433	398	339	284	97
2	---	---	---	---	---	0.0	382	389	400	339	284	97
3	---	---	---	---	---	0.0	383	389	401	339	285	97
4	---	---	---	---	---	0.0	383	380	403	339	285	97
5	---	---	---	---	---	100	388	380	405	338	286	97
6	---	---	---	---	---	123	392	380	405	338	286	97
7	---	---	---	---	---	146	397	394	404	337	286	97
8	---	---	---	---	---	169	401	394	403	337	286	97
9	---	---	---	---	---	191	406	394	402	336	286	97
10	---	---	---	---	---	214	410	394	381	336	286	97
11	---	---	---	---	---	237	410	412	381	337	286	97
12	---	---	---	---	---	260	410	412	380	337	95	32
13	---	---	---	---	---	272	472	414	362	338	0.0	0.0
14	---	---	---	---	---	284	472	414	362	339	70	0.0
15	---	---	---	---	---	296	472	414	362	339	70	0.0
16	---	---	---	---	---	308	471	414	362	340	70	0.0
17	---	---	---	---	---	320	471	414	362	340	70	0.0
18	---	---	---	---	---	332	471	414	353	340	70	0.0
19	---	---	---	---	---	344	471	413	353	332	81	0.0
20	---	---	---	---	---	351	472	413	353	332	81	0.0
21	---	---	---	---	---	368	472	413	352	331	81	0.0
22	---	---	---	---	---	369	472	413	351	331	81	0.0
23	---	---	---	---	---	370	473	413	351	328	81	0.0
24	---	---	---	---	---	370	473	413	350	328	81	0.0
25	---	---	---	---	---	371	473	412	349	329	80	0.0
26	---	---	---	---	---	377	473	412	348	329	80	0.0
27	---	---	---	---	---	377	473	412	348	325	80	0.0
28	---	---	---	---	---	378	473	394	348	311	97	0.0
29	---	---	---	---	---	379	445	394	348	297	97	0.0
30	---	---	---	---	---	380	433	396	339	283	97	0.0
31	---	---	---	---	---	---	433	---	339	283	97	0.0
TOTAL						7686	13606	12132	11454	10226	4600	1099
MEAN						256	439	404	369	330	153	35
MAX						380	473	433	405	340	286	97
MIN						0.0	381	380	339	283	0.0	0.0
AC-FT						15244	26988	24064	22719	20282	9124	2180
IRRIGATION YEAR 1988						TOTAL	60802	MEAN	166	AC-FT	120601	

13209482 EUREKA #1 CANAL
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1987 TO OCTOBER 1988
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	---	---	---	---	---	0.0	33	33	29	19	25	19
2	---	---	---	---	---	0.0	33	33	28	19	25	19
3	---	---	---	---	---	0.0	33	33	26	19	25	19
4	---	---	---	---	---	0.0	33	33	25	20	25	19
5	---	---	---	---	---	0.0	33	33	24	21	19	19
6	---	---	---	---	---	0.0	33	33	19	22	19	19
7	---	---	---	---	---	0.0	33	33	19	23	19	19
8	---	---	---	---	---	0.0	32	33	19	24	19	19
9	---	---	---	---	---	0.0	32	33	19	25	19	19
10	---	---	---	---	---	0.0	32	33	19	25	19	19
11	---	---	---	---	---	0.0	32	33	19	25	19	19
12	---	---	---	---	---	12	32	33	19	25	6.0	19
13	---	---	---	---	---	15	32	33	19	25	0.0	19
14	---	---	---	---	---	18	33	33	19	25	19	19
15	---	---	---	---	---	21	33	33	19	25	19	19
16	---	---	---	---	---	23	33	33	19	25	19	19
17	---	---	---	---	---	26	33	33	19	25	19	19
18	---	---	---	---	---	29	33	33	19	25	19	19
19	---	---	---	---	---	32	33	33	19	19	19	19
20	---	---	---	---	---	32	33	33	19	19	19	19
21	---	---	---	---	---	32	33	33	19	19	19	6.0
22	---	---	---	---	---	32	33	33	19	19	19	0.0
23	---	---	---	---	---	32	33	33	19	19	19	0.0
24	---	---	---	---	---	32	33	33	19	19	19	0.0
25	---	---	---	---	---	32	33	32	19	19	19	0.0
26	---	---	---	---	---	32	33	32	19	25	19	0.0
27	---	---	---	---	---	32	33	32	19	25	19	0.0
28	---	---	---	---	---	32	33	31	19	25	19	0.0
29	---	---	---	---	---	32	33	31	19	25	19	0.0
30	---	---	---	---	---	32	33	31	19	25	19	0.0
31	---	---	---	---	---	33	33	30	19	25	19	0.0
TOTAL						---	33	---	19	25	19	0.0
MEAN						529	1016	978	626	706	562	367
MAX						18	33	33	20	23	19	12
MIN						33	33	33	29	25	25	19
AC-FT						0.0	32	30	19	19	0.0	0.0
						1049	2014	1939	1241	1400	1115	728
IRRIGATION YEAR 1988						TOTAL	4783	MEAN	13	AC-FT	9487	

13209630 LITTLE PIONEER CANAL
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1987 TO OCTOBER 1988
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	---	---	---	---	---	0.0	18	25	31	37	29	16
2	---	---	---	---	---	0.0	18	25	31	38	28	14
3	---	---	---	---	---	0.0	18	25	31	38	27	13
4	---	---	---	---	---	0.0	18	26	31	38	25	12
5	---	---	---	---	---	10	19	26	31	38	24	12
6	---	---	---	---	---	13	20	26	31	38	23	12
7	---	---	---	---	---	15	21	26	31	38	23	12
8	---	---	---	---	---	18	21	26	31	38	22	12
9	---	---	---	---	---	20	22	27	31	38	22	12
10	---	---	---	---	---	23	23	27	30	38	21	12
11	---	---	---	---	---	25	23	28	30	38	20	12
12	---	---	---	---	---	28	24	29	30	38	20	12
13	---	---	---	---	---	28	25	29	30	38	19	12
14	---	---	---	---	---	28	27	30	30	38	19	12
15	---	---	---	---	---	28	28	30	30	38	19	12
16	---	---	---	---	---	28	29	30	31	38	19	12
17	---	---	---	---	---	28	30	30	31	38	19	12
18	---	---	---	---	---	28	30	31	31	38	19	12
19	---	---	---	---	---	28	30	31	31	38	19	12
20	---	---	---	---	---	28	29	31	31	38	19	12
21	---	---	---	---	---	26	29	31	32	38	19	12
22	---	---	---	---	---	25	29	31	32	38	19	12
23	---	---	---	---	---	23	28	31	33	38	19	12
24	---	---	---	---	---	21	28	31	33	38	19	12
25	---	---	---	---	---	20	28	31	34	37	19	12
26	---	---	---	---	---	18	28	31	34	35	19	12
27	---	---	---	---	---	18	27	31	34	34	19	12
28	---	---	---	---	---	18	27	31	35	33	19	12
29	---	---	---	---	---	18	26	31	35	31	18	12
30	---	---	---	---	---	18	26	31	36	30	17	12
31	---	---	---	---	---	---	25	---	37	30	---	4.0
TOTAL						581	772	867	986	1141	622	371
MEAN						19	25	29	32	37	21	12
MAX						28	30	31	37	38	29	16
MIN						0.0	18	25	30	30	17	4.0
AC-FT						1152	1530	1720	1956	2264	1234	736
IRRIGATION YEAR 1988			TOTAL	5340	MEAN	15	AC-FT	10591				

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13209990 CANYON COUNTY CANAL
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1987 TO OCTOBER 1988
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	---	---	---	---	---	0.0	60	62	68	57	57	51
2	---	---	---	---	---	0.7	59	65	63	57	53	50
3	---	---	---	---	---	1.4	57	62	57	57	49	50
4	---	---	---	---	---	2.1	57	59	51	56	45	49
5	---	---	---	---	---	2.8	58	56	45	55	41	49
6	---	---	---	---	---	3.5	58	56	45	55	37	50
7	---	---	---	---	---	4.2	59	68	46	54	37	51
8	---	---	---	---	---	4.9	59	68	47	53	39	52
9	---	---	---	---	---	5.6	60	66	49	52	41	52
10	---	---	---	---	---	6.4	60	70	50	52	43	53
11	---	---	---	---	---	7.1	60	68	51	54	45	54
12	---	---	---	---	---	7.8	58	68	52	58	47	54
13	---	---	---	---	---	8.5	52	68	52	59	49	54
14	---	---	---	---	---	9.2	52	64	48	59	49	18
15	---	---	---	---	---	9.9	62	64	48	60	48	0.0
16	---	---	---	---	---	11	67	66	47	60	47	0.0
17	---	---	---	---	---	11	68	69	47	58	45	0.0
18	---	---	---	---	---	12	68	71	46	58	44	0.0
19	---	---	---	---	---	21	69	73	46	57	46	0.0
20	---	---	---	---	---	21	67	76	46	58	48	0.0
21	---	---	---	---	---	29	67	78	45	58	48	0.0
22	---	---	---	---	---	36	69	78	45	58	49	0.0
23	---	---	---	---	---	44	69	78	44	57	50	0.0
24	---	---	---	---	---	51	68	79	49	57	50	0.0
25	---	---	---	---	---	59	68	79	54	55	51	0.0
26	---	---	---	---	---	66	70	79	59	57	44	0.0
27	---	---	---	---	---	66	72	80	59	51	52	0.0
28	---	---	---	---	---	65	73	80	59	54	52	0.0
29	---	---	---	---	---	63	73	80	58	58	52	0.0
30	---	---	---	---	---	62	76	74	58	61	51	0.0
31	---	---	---	---	---	---	62	---	58	61	---	0.0
TOTAL						689	1975	2104	1590	1753	1408	686
MEAN						23	64	70	51	57	47	22
MAX						66	76	80	68	61	57	54
MIN						0.0	52	56	44	51	37	0.0
AC-FT						1366	3917	4174	3155	3478	2792	1360
IRRIGATION YEAR 1988												
TOTAL				10205		MEAN	28	AC-FT	20241			

13210005 CALDWELL HIGHLINE CANAL
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1987 TO OCTOBER 1988
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	---	---	---	---	---	0.0	37	44	40	37	32	26
2	---	---	---	---	---	0.0	37	42	40	37	32	26
3	---	---	---	---	---	0.0	35	40	40	37	32	25
4	---	---	---	---	---	5.0	35	38	40	36	32	25
5	---	---	---	---	---	5.9	36	36	40	35	32	25
6	---	---	---	---	---	6.8	37	34	40	34	32	25
7	---	---	---	---	---	7.6	38	32	40	32	32	25
8	---	---	---	---	---	8.5	39	32	39	31	32	25
9	---	---	---	---	---	9.4	40	33	39	30	32	25
10	---	---	---	---	---	10	41	34	39	30	32	25
11	---	---	---	---	---	11	41	35	38	30	31	25
12	---	---	---	---	---	12	40	35	38	31	31	8.0
13	---	---	---	---	---	14	40	36	38	31	31	0.0
14	---	---	---	---	---	17	40	37	38	31	31	0.0
15	---	---	---	---	---	19	40	37	38	32	31	0.0
16	---	---	---	---	---	22	39	38	38	32	31	0.0
17	---	---	---	---	---	24	39	38	37	32	31	0.0
18	---	---	---	---	---	27	39	39	37	32	30	0.0
19	---	---	---	---	---	29	39	39	37	32	30	0.0
20	---	---	---	---	---	29	39	38	37	33	30	0.0
21	---	---	---	---	---	31	39	37	37	33	30	0.0
22	---	---	---	---	---	33	38	37	37	33	30	0.0
23	---	---	---	---	---	36	38	38	37	33	30	0.0
24	---	---	---	---	---	38	38	38	37	33	29	0.0
25	---	---	---	---	---	40	38	39	37	33	29	0.0
26	---	---	---	---	---	42	39	39	37	33	28	0.0
27	---	---	---	---	---	39	40	40	37	33	28	0.0
28	---	---	---	---	---	39	41	40	37	33	28	0.0
29	---	---	---	---	---	37	42	40	37	32	28	0.0
30	---	---	---	---	---	37	43	40	37	32	27	0.0
31	---	---	---	---	---	---	44	---	37	32	27	0.0
TOTAL						629	1208	1122	1180	1013	909	286
MEAN						21	39	37	38	33	30	9.2
MAX						42	44	44	40	37	32	26
MIN						0.0	35	32	37	30	27	0.0
AC-FT						1248	2396	2225	2340	2008	1802	566
IRRIGATION YEAR 1988												
TOTAL				6345								
MEAN						17						
AC-FT							12586					

13210984 RIVERSIDE CANAL
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1987 TO OCTOBER 1988
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	---	---	---	---	---	131	245	222	228	207	223	223
2	---	---	---	---	---	139	247	218	227	208	224	222
3	---	---	---	---	---	147	249	213	225	208	225	221
4	---	---	---	---	---	154	249	209	224	210	226	220
5	---	---	---	---	---	162	246	205	223	211	227	220
6	---	---	---	---	---	168	243	200	223	213	220	222
7	---	---	---	---	---	173	240	196	224	214	220	225
8	---	---	---	---	---	179	237	196	226	216	221	227
9	---	---	---	---	---	184	234	203	227	217	223	229
10	---	---	---	---	---	190	231	202	228	217	224	76
11	---	---	---	---	---	195	231	202	230	218	225	0.0
12	---	---	---	---	---	201	226	201	231	219	227	0.0
13	---	---	---	---	---	201	220	201	231	220	228	0.0
14	---	---	---	---	---	202	215	200	229	221	228	0.0
15	---	---	---	---	---	202	210	200	226	222	229	0.0
16	---	---	---	---	---	202	204	202	224	223	231	0.0
17	---	---	---	---	---	202	199	204	221	223	232	0.0
18	---	---	---	---	---	203	199	207	219	224	233	0.0
19	---	---	---	---	---	203	200	209	216	225	235	0.0
20	---	---	---	---	---	203	201	211	216	227	236	0.0
21	---	---	---	---	---	209	203	213	214	228	236	0.0
22	---	---	---	---	---	214	204	213	212	229	234	0.0
23	---	---	---	---	---	220	205	209	210	220	232	0.0
24	---	---	---	---	---	225	206	204	207	220	231	0.0
25	---	---	---	---	---	231	206	200	205	222	229	0.0
26	---	---	---	---	---	236	214	210	203	224	227	0.0
27	---	---	---	---	---	236	221	220	203	225	225	0.0
28	---	---	---	---	---	238	229	230	204	227	225	0.0
29	---	---	---	---	---	240	236	230	205	229	224	0.0
30	---	---	---	---	---	243	229	229	206	222	223	0.0
31	---	---	---	---	---	---	222	---	206	222	---	0.0
TOTAL						5931	6899	6258	6770	6810	6823	2084
MEAN						198	223	209	218	220	227	67
MAX						243	249	230	231	229	236	229
MIN						131	199	196	203	207	220	0.0
AC-FT						11764	13684	12413	13428	13507	13533	4133
IRRIGATION YEAR 1988						TOTAL	41575	MEAN	114	AC-FT	82463	

13210992 SEBREE CANAL
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1987 TO OCTOBER 1988
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	---	---	---	---	---	0.0	224	163	267	258	232	148
2	---	---	---	---	---	0.0	229	176	265	255	228	138
3	---	---	---	---	---	0.0	233	172	263	255	225	129
4	---	---	---	---	---	43	232	187	262	253	221	119
5	---	---	---	---	---	61	233	203	260	250	218	119
6	---	---	---	---	---	84	233	218	260	251	214	121
7	---	---	---	---	---	106	234	233	263	253	214	123
8	---	---	---	---	---	129	235	233	266	254	213	125
9	---	---	---	---	---	151	235	246	269	255	212	126
10	---	---	---	---	---	174	236	259	271	255	211	128
11	---	---	---	---	---	196	236	272	274	254	210	130
12	---	---	---	---	---	219	231	284	277	253	209	132
13	---	---	---	---	---	222	223	297	277	252	208	132
14	---	---	---	---	---	226	223	310	277	250	208	132
15	---	---	---	---	---	229	225	310	271	249	207	132
16	---	---	---	---	---	233	225	315	271	248	206	132
17	---	---	---	---	---	236	239	320	271	248	206	132
18	---	---	---	---	---	240	239	326	271	249	205	132
19	---	---	---	---	---	243	240	331	280	250	204	44
20	---	---	---	---	---	243	240	336	280	251	203	0.0
21	---	---	---	---	---	237	241	341	274	252	203	0.0
22	---	---	---	---	---	231	242	341	268	248	199	0.0
23	---	---	---	---	---	225	242	340	261	243	194	0.0
24	---	---	---	---	---	218	243	340	255	243	190	0.0
25	---	---	---	---	---	212	243	339	264	242	185	0.0
26	---	---	---	---	---	206	236	316	273	240	181	0.0
27	---	---	---	---	---	206	229	293	273	239	176	0.0
28	---	---	---	---	---	211	223	270	270	238	176	0.0
29	---	---	---	---	---	215	216	270	267	236	167	0.0
30	---	---	---	---	---	220	209	268	264	235	157	0.0
31	---	---	---	---	---	---	202	---	261	235	---	0.0
TOTAL						5215	7170	8308	8324	7692	6078	2373
MEAN						174	231	277	269	248	203	77
MAX						243	243	341	280	258	232	148
MIN						0.0	202	163	255	235	157	0.0
AC-FT						10343	14222	16479	16510	15257	12056	4707
IRRIGATION YEAR 1988						TOTAL	45159	MEAN	123	AC-FT	89573	

13210993 CAMPBELL CANAL
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1987 TO OCTOBER 1988
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	---	---	---	---	---	0.0	15	25	23	21	18	14
2	---	---	---	---	---	0.0	15	24	22	22	18	13
3	---	---	---	---	---	0.0	14	23	21	22	18	12
4	---	---	---	---	---	0.0	14	22	21	22	18	11
5	---	---	---	---	---	0.0	13	20	20	21	18	11
6	---	---	---	---	---	3.0	13	19	20	21	18	10
7	---	---	---	---	---	6.0	12	18	21	21	18	9.3
8	---	---	---	---	---	9.0	11	18	21	20	18	8.5
9	---	---	---	---	---	12	11	19	22	20	17	7.7
10	---	---	---	---	---	15	10	21	22	20	17	6.8
11	---	---	---	---	---	18	10	22	23	20	16	6.0
12	---	---	---	---	---	21	12	23	23	20	16	6.0
13	---	---	---	---	---	21	13	25	23	20	15	6.0
14	---	---	---	---	---	21	15	26	22	20	15	6.0
15	---	---	---	---	---	21	16	26	21	20	15	6.0
16	---	---	---	---	---	20	18	26	21	20	15	6.0
17	---	---	---	---	---	20	19	25	20	20	15	6.0
18	---	---	---	---	---	20	19	25	19	20	15	6.0
19	---	---	---	---	---	20	20	25	18	21	15	6.0
20	---	---	---	---	---	20	20	24	18	21	15	3.0
21	---	---	---	---	---	20	21	24	18	21	15	0.0
22	---	---	---	---	---	19	22	24	18	21	15	0.0
23	---	---	---	---	---	19	22	24	18	22	15	0.0
24	---	---	---	---	---	19	23	24	18	22	15	0.0
25	---	---	---	---	---	18	23	24	18	22	16	0.0
26	---	---	---	---	---	18	23	24	18	21	16	0.0
27	---	---	---	---	---	18	24	24	18	21	16	0.0
28	---	---	---	---	---	17	24	24	18	20	16	0.0
29	---	---	---	---	---	17	24	24	19	19	16	0.0
30	---	---	---	---	---	16	25	23	20	19	15	0.0
31	---	---	---	---	---	---	25	---	21	18	14	0.0
TOTAL						428	545	695	623	635	483	160
MEAN						14	18	23	20	20	16	5.1
MAX						21	25	26	23	22	18	14
MIN						0.0	10	18	18	18	14	0.0
AC-FT						849	1080	1378	1237	1260	957	316
IRRIGATION YEAR 1988												
TOTAL						3568	MEAN	10	AC-FT	7077		

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13210994 SIEBENBERG CANAL
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1987 TO OCTOBER 1988
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	---	---	---	---	---	0.0	8.0	10	9.0	9.3	9.0	5.7
2	---	---	---	---	---	0.0	8.0	10	9.0	9.1	8.5	5.5
3	---	---	---	---	---	0.0	8.0	9.7	9.0	9.0	8.0	5.3
4	---	---	---	---	---	0.0	8.0	9.3	9.0	9.0	7.5	5.2
5	---	---	---	---	---	0.0	8.0	9.0	9.0	8.7	7.0	5.0
6	---	---	---	---	---	0.0	8.8	8.7	9.0	8.3	6.5	5.0
7	---	---	---	---	---	0.7	9.7	8.3	9.0	8.0	6.0	5.0
8	---	---	---	---	---	1.4	11	8.0	9.3	7.7	6.0	5.0
9	---	---	---	---	---	2.1	11	8.0	9.7	7.3	6.2	5.0
10	---	---	---	---	---	2.9	12	8.5	10	7.0	6.3	5.0
11	---	---	---	---	---	3.6	13	9.0	10	7.0	6.5	5.0
12	---	---	---	---	---	4.3	13	9.5	11	7.0	6.7	5.0
13	---	---	---	---	---	5.0	13	10	11	7.0	6.8	5.0
14	---	---	---	---	---	5.3	13	11	11	7.0	7.0	5.0
15	---	---	---	---	---	5.6	13	11	11	7.0	7.0	5.0
16	---	---	---	---	---	5.9	13	11	10	7.0	7.0	5.0
17	---	---	---	---	---	6.1	13	11	10	7.0	7.0	2.0
18	---	---	---	---	---	6.4	13	11	9.7	7.0	7.0	0.0
19	---	---	---	---	---	6.7	13	11	9.3	7.3	7.0	0.0
20	---	---	---	---	---	7.0	13	11	9.0	7.7	7.0	0.0
21	---	---	---	---	---	7.0	12	11	9.0	8.0	7.0	0.0
22	---	---	---	---	---	7.2	12	11	9.2	8.3	7.0	0.0
23	---	---	---	---	---	7.3	11	11	9.3	8.7	6.8	0.0
24	---	---	---	---	---	7.5	11	11	9.5	9.0	6.7	0.0
25	---	---	---	---	---	7.7	10	10	9.7	9.0	6.5	0.0
26	---	---	---	---	---	7.8	10	10	9.8	9.0	6.3	0.0
27	---	---	---	---	---	8.0	10	9.7	10	9.0	6.2	0.0
28	---	---	---	---	---	8.0	10	9.3	9.9	9.0	6.0	0.0
29	---	---	---	---	---	8.0	10	9.0	9.7	9.0	6.0	0.0
30	---	---	---	---	---	8.0	10	9.0	9.6	9.0	5.8	0.0
31	---	---	---	---	---	8.0	10	9.0	9.4	9.0	---	0.0
TOTAL						140	337	296	299	251	204	84
MEAN						4.7	11	9.9	9.6	8.1	6.8	2.7
MAX						8.0	13	11	9.3	9.0	9.0	5.7
MIN						0.0	8.0	8.0	9.0	7.0	5.8	0.0
AC-FT						277	668	586	593	499	405	166
IRRIGATION YEAR 1988			TOTAL	1611	MEAN	4	AC-FT	3194				

13211001 SHIPLEY PUMPS
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1987 TO OCTOBER 1988
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	0.2
17	---	---	---	---	---	0.2	0.2	0.2	0.2	0.2	0.2	---
18	---	---	---	---	---	0.2	0.2	0.2	0.2	0.2	0.2	---
19	---	---	---	---	---	0.2	0.2	0.2	0.2	0.2	0.2	---
20	---	---	---	---	---	0.2	0.2	0.2	0.2	0.2	0.2	---
21	---	---	---	---	---	0.2	0.2	0.2	0.2	0.2	0.2	---
22	---	---	---	---	---	0.2	0.2	0.2	0.2	0.2	0.2	---
23	---	---	---	---	---	0.2	0.2	0.2	0.2	0.2	0.2	---
24	---	---	---	---	---	0.2	0.2	0.2	0.2	0.2	0.2	---
25	---	---	---	---	---	0.2	0.2	0.2	0.2	0.2	0.2	---
26	---	---	---	---	---	0.2	0.2	0.2	0.2	0.2	0.2	---
27	---	---	---	---	---	0.2	0.2	0.2	0.2	0.2	0.2	---
28	---	---	---	---	---	0.2	0.2	0.2	0.2	0.2	0.2	---
29	---	---	---	---	---	0.2	0.2	0.2	0.2	0.2	0.2	---
30	---	---	---	---	---	0.2	0.2	0.2	0.2	0.2	0.2	---
31	---	---	---	---	---	0.2	0.2	0.2	0.2	0.2	0.2	---
TOTAL						---	0.2	---	0.2	0.2	0.2	---
MEAN						6	6	6	6	6	6	---
MAX						0.2	0.2	0.2	0.2	0.2	0.2	3
MIN						0.2	0.2	0.2	0.2	0.2	0.2	0.2
AC-FT						12	12	12	12	12	12	6
IRRIGATION YEAR 1988												
TOTAL				40		MEAN	0	AC-FT	78			

89-V

13211003 WAGNER PUMPS
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1987 TO OCTOBER 1988
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	---	---	---	---	---	0.0	0.4	0.4	0.4	0.4	0.4	0.4
16	---	---	---	---	---	0.4	0.4	0.4	0.4	0.4	0.4	0.4
17	---	---	---	---	---	0.4	0.4	0.4	0.4	0.4	0.4	---
18	---	---	---	---	---	0.4	0.4	0.4	0.4	0.4	0.4	---
19	---	---	---	---	---	0.4	0.4	0.4	0.4	0.4	0.4	---
20	---	---	---	---	---	0.4	0.4	0.4	0.4	0.4	0.4	---
21	---	---	---	---	---	0.4	0.4	0.4	0.4	0.4	0.4	---
22	---	---	---	---	---	0.4	0.4	0.4	0.4	0.4	0.4	---
23	---	---	---	---	---	0.4	0.4	0.4	0.4	0.4	0.4	---
24	---	---	---	---	---	0.4	0.4	0.4	0.4	0.4	0.4	---
25	---	---	---	---	---	0.4	0.4	0.4	0.4	0.4	0.4	---
26	---	---	---	---	---	0.4	0.4	0.4	0.4	0.4	0.4	---
27	---	---	---	---	---	0.4	0.4	0.4	0.4	0.4	0.4	---
28	---	---	---	---	---	0.4	0.4	0.4	0.4	0.4	0.4	---
29	---	---	---	---	---	0.4	0.4	0.4	0.4	0.4	0.4	---
30	---	---	---	---	---	0.4	0.4	0.4	0.4	0.4	0.4	---
31	---	---	---	---	---	0.4	0.4	0.4	0.4	0.4	0.4	---
TOTAL						6	12	12	12	12	12	5
MEAN						0.2	0.4	0.4	0.4	0.4	0.4	0.4
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	0.4
AC-FT						12	25	24	25	25	24	12
IRRIGATION YEAR 1988					73	MEAN	0	AC-FT	145			

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14-NOV-88

13211603 SIMPLOT PUMPS
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1987 TO OCTOBER 1988
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	0.6
17	---	---	---	---	---	0.6	0.6	0.6	0.6	0.6	0.6	---
18	---	---	---	---	---	0.6	0.6	0.6	0.6	0.6	0.6	---
19	---	---	---	---	---	0.6	0.6	0.6	0.6	0.6	0.6	---
20	---	---	---	---	---	0.6	0.6	0.6	0.6	0.6	0.6	---
21	---	---	---	---	---	0.6	0.6	0.6	0.6	0.6	0.6	---
22	---	---	---	---	---	0.6	0.6	0.6	0.6	0.6	0.6	---
23	---	---	---	---	---	0.6	0.6	0.6	0.6	0.6	0.6	---
24	---	---	---	---	---	0.6	0.6	0.6	0.6	0.6	0.6	---
25	---	---	---	---	---	0.6	0.6	0.6	0.6	0.6	0.6	---
26	---	---	---	---	---	0.6	0.6	0.6	0.6	0.6	0.6	---
27	---	---	---	---	---	0.6	0.6	0.6	0.6	0.6	0.6	---
28	---	---	---	---	---	0.6	0.6	0.6	0.6	0.6	0.6	---
29	---	---	---	---	---	0.6	0.6	0.6	0.6	0.6	0.6	---
30	---	---	---	---	---	0.6	0.6	0.6	0.6	0.6	0.6	---
31	---	---	---	---	---	0.6	0.6	0.6	0.6	0.6	0.6	---
TOTAL						---	0.6	---	0.6	0.6	0.6	---
MEAN						18	19		0.6	0.6	---	---
MAX						0.6	0.6	18	19	19	18	9
MIN						0.6	0.6	0.6	0.6	0.6	0.6	0.6
AC-FT						0.6	0.6	0.6	0.6	0.6	0.6	0.6
						36	37	36	37	37	36	18
IRRIGATION YEAR 1988												
TOTAL				119	MEAN	0	AC-FT	235				

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13211725 EUREKA #2
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1987 TO OCTOBER 1988
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	---	---	---	---	---	0.0	93	90	99	95	95	75
2	---	---	---	---	---	0.0	92	90	98	95	94	75
3	---	---	---	---	---	0.0	91	90	98	95	93	75
4	---	---	---	---	---	0.0	90	91	97	95	93	75
5	---	---	---	---	---	0.0	90	91	96	93	92	75
6	---	---	---	---	---	0.0	93	91	95	90	91	75
7	---	---	---	---	---	14	97	92	95	88	90	78
8	---	---	---	---	---	29	100	92	95	85	90	82
9	---	---	---	---	---	43	103	92	95	83	90	85
10	---	---	---	---	---	57	107	95	95	80	90	88
11	---	---	---	---	---	71	110	98	95	80	90	92
12	---	---	---	---	---	86	110	101	95	80	90	95
13	---	---	---	---	---	100	108	104	95	80	90	95
14	---	---	---	---	---	100	107	107	95	80	90	94
15	---	---	---	---	---	100	105	110	95	80	90	92
16	---	---	---	---	---	100	103	110	95	80	88	91
17	---	---	---	---	---	100	102	110	95	80	85	89
18	---	---	---	---	---	100	100	110	95	80	83	88
19	---	---	---	---	---	100	100	110	95	80	80	87
20	---	---	---	---	---	100	100	110	95	80	78	85
21	---	---	---	---	---	100	100	110	95	80	75	84
22	---	---	---	---	---	99	100	110	95	80	75	83
23	---	---	---	---	---	98	100	110	95	80	75	81
24	---	---	---	---	---	98	100	108	95	80	75	80
25	---	---	---	---	---	97	100	107	95	89	75	78
26	---	---	---	---	---	96	100	105	95	90	75	77
27	---	---	---	---	---	95	98	103	95	91	75	76
28	---	---	---	---	---	95	97	102	110	92	75	74
29	---	---	---	---	---	94	95	100	95	93	75	73
30	---	---	---	---	---	93	93	100	95	94	75	71
31	---	---	---	---	---	---	92	---	95	95	---	70
TOTAL						2065	3075	3039	2973	2662	2530	2537
MEAN						69	99	101	96	86	84	82
MAX						100	110	110	110	95	95	95
MIN						0.0	90	90	95	80	75	70
AC-FT						4096	6099	6028	5896	5279	5018	5033
IRRIGATION YEAR 1988						TOTAL	18881	MEAN	52	AC-FT	37449	

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13211735 UPPER CENTER POINT CANAL
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1987 TO OCTOBER 1988
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	---	---	---	---	---	0.0	14	17	15	16	18	12
2	---	---	---	---	---	0.0	13	17	16	16	18	12
3	---	---	---	---	---	0.0	11	17	17	16	18	11
4	---	---	---	---	---	0.0	10	17	17	16	18	11
5	---	---	---	---	---	0.0	10	17	18	16	17	10
6	---	---	---	---	---	0.0	11	17	19	16	17	10
7	---	---	---	---	---	2.1	12	17	19	16	17	10
8	---	---	---	---	---	4.3	14	17	19	16	17	10
9	---	---	---	---	---	6.4	15	17	18	16	17	10
10	---	---	---	---	---	8.6	16	16	18	16	16	10
11	---	---	---	---	---	11	17	15	18	16	16	10
12	---	---	---	---	---	13	17	15	17	16	15	10
13	---	---	---	---	---	15	16	14	17	16	15	10
14	---	---	---	---	---	15	16	13	17	16	14	10
15	---	---	---	---	---	16	15	12	17	16	14	10
16	---	---	---	---	---	16	14	12	17	16	14	10
17	---	---	---	---	---	17	14	12	17	16	14	10
18	---	---	---	---	---	17	13	13	17	16	14	10
19	---	---	---	---	---	18	13	13	17	16	14	10
20	---	---	---	---	---	18	14	13	17	16	14	10
21	---	---	---	---	---	18	14	14	17	17	14	10
22	---	---	---	---	---	18	15	14	17	17	14	10
23	---	---	---	---	---	18	16	14	17	17	14	10
24	---	---	---	---	---	18	16	14	17	18	14	10
25	---	---	---	---	---	18	17	14	17	18	14	10
26	---	---	---	---	---	18	17	14	16	18	14	10
27	---	---	---	---	---	18	17	14	16	18	13	10
28	---	---	---	---	---	18	17	14	16	18	13	10
29	---	---	---	---	---	17	17	14	16	18	13	10
30	---	---	---	---	---	15	17	14	16	18	13	10
31	---	---	---	---	---	---	17	14	16	18	13	10
TOTAL						353	455	441	526	517	449	315
MEAN						12	15	15	17	17	15	10
MAX						18	17	17	19	18	18	12
MIN						0.0	10	12	15	16	13	10
AC-FT						700	902	874	1043	1025	891	625
IRRIGATION YEAR 1988												
TOTAL						3055						
MEAN						8						
AC-FT							6059					

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13211745 MCMANUS AND TEATER CANAL
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1987 TO OCTOBER 1988
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	---	---	---	---	---	0.0	3.0	3.0	0.5	3.0	3.0	0.0
2	---	---	---	---	---	0.0	3.0	3.0	1.0	3.0	2.5	0.0
3	---	---	---	---	---	0.0	3.0	3.0	1.5	3.0	2.0	0.0
4	---	---	---	---	---	0.0	3.0	3.0	2.0	3.0	1.5	0.0
5	---	---	---	---	---	0.0	3.0	3.0	2.5	3.0	1.0	0.0
6	---	---	---	---	---	0.0	3.0	3.0	3.0	3.0	0.5	0.0
7	---	---	---	---	---	0.0	3.0	3.0	3.0	3.0	0.0	0.0
8	---	---	---	---	---	0.0	3.0	3.0	3.0	3.0	0.0	0.0
9	---	---	---	---	---	0.0	3.0	3.0	3.0	3.0	0.0	0.0
10	---	---	---	---	---	0.0	3.0	3.0	3.0	3.0	0.0	0.0
11	---	---	---	---	---	0.0	3.0	3.0	3.0	3.0	0.0	0.0
12	---	---	---	---	---	0.4	3.0	3.0	3.0	2.5	0.0	0.0
13	---	---	---	---	---	0.9	2.5	3.0	3.0	2.0	0.0	0.0
14	---	---	---	---	---	1.3	2.0	3.0	3.0	1.5	0.0	0.0
15	---	---	---	---	---	1.7	1.5	3.0	2.5	1.0	0.0	0.0
16	---	---	---	---	---	2.1	1.0	3.0	2.0	0.5	0.0	0.0
17	---	---	---	---	---	2.6	0.5	3.0	1.5	0.0	0.0	0.0
18	---	---	---	---	---	3.0	0.0	3.0	1.0	0.0	0.0	0.0
19	---	---	---	---	---	3.0	0.0	3.0	0.5	0.5	0.0	0.0
20	---	---	---	---	---	3.0	0.5	3.0	0.0	1.0	0.0	0.0
21	---	---	---	---	---	3.0	1.0	3.0	0.0	1.5	0.0	0.0
22	---	---	---	---	---	3.0	1.5	3.0	0.5	2.0	0.0	0.0
23	---	---	---	---	---	3.0	2.0	3.0	1.0	2.5	0.0	0.0
24	---	---	---	---	---	3.0	2.5	2.5	1.5	3.0	0.0	0.0
25	---	---	---	---	---	3.0	3.0	2.0	2.0	3.0	0.0	0.0
26	---	---	---	---	---	3.0	3.0	1.5	2.5	3.0	0.0	0.0
27	---	---	---	---	---	3.0	3.0	1.0	3.0	3.0	0.0	0.0
28	---	---	---	---	---	3.0	3.0	0.5	3.0	3.0	0.0	0.0
29	---	---	---	---	---	3.0	3.0	0.0	3.0	3.0	0.0	0.0
30	---	---	---	---	---	3.0	3.0	0.0	3.0	3.0	0.0	0.0
31	---	---	---	---	---	---	3.0	---	3.0	3.0	0.0	0.0
TOTAL						48	72	77	65	72	11	0
MEAN						1.6	2.3	2.5	2.1	2.3	0.3	0.0
MAX						3.0	3.0	3.0	3.0	3.0	3.0	0.0
MIN						0.0	0.0	0.0	0.0	0.0	0.0	0.0
AC-FT						95	143	152	128	143	21	0
IRRIGATION YEAR 1988						TOTAL	344	MEAN	1	AC-FT	681	

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13211747 ATWELL
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1987 TO OCTOBER 1988
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	5.0	0.0	0.0	0.0	0.0
26	---	---	---	---	---	0.0	5.0	5.0	0.0	0.0	0.0	0.0
27	---	---	---	---	---	0.0	5.0	5.0	5.0	5.0	0.0	0.0
28	---	---	---	---	---	0.0	5.0	5.0	5.0	5.0	0.0	0.0
29	---	---	---	---	---	0.0	5.0	5.0	5.0	5.0	0.0	0.0
30	---	---	---	---	---	0.0	5.0	5.0	5.0	5.0	0.0	0.0
31	---	---	---	---	---	---	5.0	---	5.0	5.0	---	0.0
TOTAL						0	30	30	25	25	0	0
MEAN						0.0	1.0	1.0	0.8	0.8	0.0	0.0
MAX						0.0	5.0	5.0	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	60	60	50	50	0	0
IRRIGATION YEAR 1988	TOTAL					110	MEAN	0	AC-FT	218		

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13211825 LOWER CENTER POINT CANAL
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1987 TO OCTOBER 1988
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	---	---	---	---	---	0.0	28	30	24	25	25	23
2	---	---	---	---	---	0.0	27	30	25	24	25	22
3	---	---	---	---	---	0.0	27	30	26	24	24	21
4	---	---	---	---	---	0.0	26	30	26	24	24	21
5	---	---	---	---	---	0.0	26	30	27	24	24	20
6	---	---	---	---	---	0.0	26	30	28	23	23	20
7	---	---	---	---	---	4.8	26	30	28	23	23	19
8	---	---	---	---	---	9.6	26	30	28	22	23	19
9	---	---	---	---	---	14	26	30	28	22	22	19
10	---	---	---	---	---	19	26	29	29	22	22	19
11	---	---	---	---	---	24	26	28	29	22	22	18
12	---	---	---	---	---	25	26	28	29	22	22	18
13	---	---	---	---	---	25	26	27	29	22	21	18
14	---	---	---	---	---	26	27	26	29	22	21	17
15	---	---	---	---	---	26	27	25	28	22	21	17
16	---	---	---	---	---	27	27	25	27	22	22	17
17	---	---	---	---	---	27	28	25	26	22	22	17
18	---	---	---	---	---	28	28	24	24	22	23	17
19	---	---	---	---	---	28	28	24	23	23	23	17
20	---	---	---	---	---	29	28	24	22	23	24	17
21	---	---	---	---	---	29	29	23	22	24	24	17
22	---	---	---	---	---	29	29	23	23	24	24	17
23	---	---	---	---	---	29	29	23	23	25	24	17
24	---	---	---	---	---	30	30	23	24	25	24	17
25	---	---	---	---	---	30	30	23	25	25	24	17
26	---	---	---	---	---	30	30	23	25	25	24	17
27	---	---	---	---	---	30	30	23	26	25	24	17
28	---	---	---	---	---	30	30	23	26	25	24	6.0
29	---	---	---	---	---	29	30	23	26	25	24	0.0
30	---	---	---	---	---	29	30	23	26	25	24	0.0
31	---	---	---	---	---	---	30	---	25	25	23	0.0
TOTAL						608	862	785	804	728	695	485
MEAN						20	28	26	26	23	23	16
MAX						30	30	30	29	25	25	23
MIN						0.0	26	23	22	22	21	0.0
AC-FT						1205	1710	1556	1594	1443	1378	961
IRRIGATION YEAR 1988												
TOTAL												
4965												
MEAN												
14												
AC-FT												
9847												

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14-NOV-88

13212548 BOWMAN AND SWISHER CANAL
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1987 TO OCTOBER 1988
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	---	---	---	---	---	---	---	---	---	---	---	---
2	---	---	---	---	---	0.0	13	9.0	15	13	12	6.3
3	---	---	---	---	---	0.0	12	9.0	16	14	10	6.0
4	---	---	---	---	---	0.0	11	9.7	16	14	8.7	5.7
5	---	---	---	---	---	0.0	10	10	16	14	7.0	5.3
6	---	---	---	---	---	0.0	10	11	17	14	5.3	5.0
7	---	---	---	---	---	0.0	8.5	12	17	14	3.7	5.0
8	---	---	---	---	---	0.0	7.0	12	17	14	2.0	5.0
9	---	---	---	---	---	0.0	5.5	13	17	14	2.0	5.0
10	---	---	---	---	---	0.0	4.0	13	17	14	2.7	5.0
11	---	---	---	---	---	0.0	2.5	13	17	14	3.3	5.0
12	---	---	---	---	---	0.0	1.0	13	17	14	4.0	5.0
13	---	---	---	---	---	0.0	1.0	13	17	14	4.7	5.0
14	---	---	---	---	---	0.0	1.8	13	17	14	5.3	5.0
15	---	---	---	---	---	0.0	2.7	13	17	14	6.0	5.0
16	---	---	---	---	---	0.0	3.5	13	16	14	6.0	5.0
17	---	---	---	---	---	0.0	4.3	13	15	14	6.2	0.0
18	---	---	---	---	---	0.0	5.2	13	15	14	6.3	0.0
19	---	---	---	---	---	0.0	6.0	14	14	14	6.5	0.0
20	---	---	---	---	---	0.0	6.0	14	13	14	6.7	0.0
21	---	---	---	---	---	0.0	6.5	14	12	13	6.8	0.0
22	---	---	---	---	---	0.0	7.0	15	12	13	7.0	0.0
23	---	---	---	---	---	2.7	7.5	15	12	13	7.0	0.0
24	---	---	---	---	---	5.3	8.0	15	12	12	7.0	0.0
25	---	---	---	---	---	8.0	8.5	15	12	12	7.0	0.0
26	---	---	---	---	---	11	9.0	15	12	12	7.0	0.0
27	---	---	---	---	---	13	9.0	15	12	12	7.0	0.0
28	---	---	---	---	---	16	9.0	15	12	12	7.0	0.0
29	---	---	---	---	---	16	9.0	15	12	12	7.0	0.0
30	---	---	---	---	---	15	9.0	15	12	12	7.0	0.0
31	---	---	---	---	---	14	9.0	15	12	12	7.0	0.0
TOTAL						---	9.0	---	13	12	6.7	0.0
MEAN						101	216	---	13	12	---	0.0
MAX						3.4	7.0	395	453	412	185	78
MIN						16	13	13	15	13	6.2	2.5
AC-FT						0.0	1.0	15	17	14	12	6.3
						200	427	783	898	817	367	155
IRRIGATION YEAR 1988												
TOTAL				1840								
MEAN												
5												
AC-FT												
3648												

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13212645 BAXTER CANAL
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1987 TO OCTOBER 1988
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	---	---	---	---	---	0.0	6.0	13	12	7.0	9.0	6.0
2	---	---	---	---	---	0.0	6.0	13	11	7.0	8.5	5.5
3	---	---	---	---	---	0.0	6.0	13	11	7.0	8.0	5.0
4	---	---	---	---	---	0.0	6.0	13	10	7.0	7.5	4.5
5	---	---	---	---	---	0.0	6.0	13	9.5	7.0	7.0	4.0
6	---	---	---	---	---	0.0	6.2	13	9.0	7.0	6.5	4.0
7	---	---	---	---	---	0.0	6.3	13	9.0	7.0	6.0	4.0
8	---	---	---	---	---	0.0	6.5	13	9.0	7.0	6.0	4.0
9	---	---	---	---	---	0.0	6.7	13	9.0	7.0	6.5	4.0
10	---	---	---	---	---	0.0	6.8	13	9.0	7.0	7.0	4.0
11	---	---	---	---	---	0.0	7.0	12	9.0	7.0	7.5	4.0
12	---	---	---	---	---	0.0	7.0	12	9.0	7.0	8.0	4.0
13	---	---	---	---	---	0.0	7.7	11	9.0	7.0	8.5	4.0
14	---	---	---	---	---	0.0	8.3	11	9.0	7.0	9.0	4.0
15	---	---	---	---	---	0.0	9.0	10	8.5	7.0	9.0	4.0
16	---	---	---	---	---	0.0	9.7	10	8.0	7.0	9.0	4.0
17	---	---	---	---	---	0.0	10	10	7.5	7.0	9.0	4.0
18	---	---	---	---	---	0.0	11	10	7.0	7.0	9.0	4.0
19	---	---	---	---	---	0.0	11	10	6.5	7.3	9.0	4.0
20	---	---	---	---	---	0.0	11	10	6.0	7.7	9.0	0.0
21	---	---	---	---	---	0.0	12	10	6.0	8.0	9.0	0.0
22	---	---	---	---	---	1.0	12	10	6.2	8.3	9.0	0.0
23	---	---	---	---	---	2.0	12	10	6.3	8.7	8.7	0.0
24	---	---	---	---	---	3.0	13	10	6.5	9.0	8.3	0.0
25	---	---	---	---	---	4.0	13	11	6.7	9.0	8.0	0.0
26	---	---	---	---	---	5.0	13	11	6.8	9.0	7.7	0.0
27	---	---	---	---	---	6.0	13	11	7.0	9.0	7.3	0.0
28	---	---	---	---	---	6.0	13	12	7.0	9.0	7.0	0.0
29	---	---	---	---	---	6.0	13	12	7.0	9.0	7.0	0.0
30	---	---	---	---	---	6.0	13	12	7.0	9.0	6.5	0.0
31	---	---	---	---	---	---	13	---	7.0	9.0	---	0.0
TOTAL												
MEAN						39	295	344	251	238	238	81
MAX						1.3	9.5	11	8.1	7.7	7.9	2.6
MIN						6.0	13	13	12	9.0	9.0	6.0
AC-FT						0.0	6.0	10	6.0	7.0	6.0	0.0
						77	584	681	497	472	471	161
IRRIGATION YEAR 1988												
TOTAL						1484						
MEAN						4						
AC-FT							2943					

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13212832 ANDREWS CANAL
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1987 TO OCTOBER 1988
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	---	---	---	---	---	0.0	10	1.0	10	8.4	12	7.3
2	---	---	---	---	---	0.0	10	1.0	10	8.2	12	6.5
3	---	---	---	---	---	0.0	10	2.0	11	8.0	11	5.7
4	---	---	---	---	---	0.0	10	3.0	11	8.0	11	4.8
5	---	---	---	---	---	0.0	10	4.0	11	8.5	11	4.0
6	---	---	---	---	---	0.0	10	5.0	11	9.0	10	4.0
7	---	---	---	---	---	0.0	10	6.0	11	9.5	10	4.0
8	---	---	---	---	---	0.0	10	7.0	11	10	10	4.0
9	---	---	---	---	---	0.0	10	7.0	11	11	10	4.0
10	---	---	---	---	---	0.0	10	7.0	11	11	10	4.0
11	---	---	---	---	---	0.0	10	7.0	11	11	10	4.0
12	---	---	---	---	---	0.0	10	7.0	11	11	10	4.0
13	---	---	---	---	---	0.0	11	7.0	11	11	10	4.0
14	---	---	---	---	---	0.0	11	7.0	11	11	10	3.5
15	---	---	---	---	---	0.0	12	7.0	10	11	10	3.0
16	---	---	---	---	---	0.0	13	7.0	9.7	11	9.8	2.5
17	---	---	---	---	---	0.0	13	7.5	9.0	11	9.7	2.0
18	---	---	---	---	---	0.0	14	8.0	8.3	11	9.5	1.5
19	---	---	---	---	---	0.0	14	8.5	7.7	11	9.3	1.0
20	---	---	---	---	---	0.0	14	9.0	7.0	11	9.2	0.5
21	---	---	---	---	---	0.0	13	9.5	7.0	12	9.0	0.0
22	---	---	---	---	---	1.7	13	10	7.3	12	9.0	0.0
23	---	---	---	---	---	3.3	13	10	7.7	12	9.0	0.0
24	---	---	---	---	---	5.0	12	10	8.0	12	9.0	0.0
25	---	---	---	---	---	6.7	12	10	8.3	12	9.0	0.0
26	---	---	---	---	---	8.3	12	10	8.7	12	9.0	0.0
27	---	---	---	---	---	10	10	10	9.0	12	9.0	0.0
28	---	---	---	---	---	10	8.3	10	19	12	9.0	0.0
29	---	---	---	---	---	10	6.5	10	9.0	12	9.0	0.0
30	---	---	---	---	---	10	4.7	10	8.8	12	9.0	0.0
31	---	---	---	---	---	---	2.8	---	8.6	12	8.2	0.0
TOTAL						65	330	218	305	333	294	74
MEAN						2.2	11	7.3	9.8	11	9.8	2.4
MAX						10	14	10	19	12	12	7.3
MIN						0.0	2.8	1.0	7.0	8.0	8.2	0.0
AC-FT						129	654	431	605	660	583	147
IRRIGATION YEAR 1988						TOTAL	1618	MEAN	4	AC-FT	3208	

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14-NOV-88

13212896 MAMMON PUMPS
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1987 TO OCTOBER 1988
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	---	---	---	---	---	0.0	5.0	7.0	5.0	7.0	5.0	0.0
2	---	---	---	---	---	0.0	5.0	7.0	5.0	5.0	4.2	0.0
3	---	---	---	---	---	0.0	5.0	7.0	5.0	5.0	3.3	0.0
4	---	---	---	---	---	0.0	5.0	7.0	5.0	5.0	2.5	0.0
5	---	---	---	---	---	0.0	5.0	7.0	5.0	5.0	1.7	0.0
6	---	---	---	---	---	0.0	5.0	7.0	5.0	5.0	0.0	0.0
7	---	---	---	---	---	0.0	5.0	7.0	5.0	5.0	0.8	0.0
8	---	---	---	---	---	0.0	5.0	7.0	5.0	5.0	0.0	0.0
9	---	---	---	---	---	0.0	5.0	7.0	5.3	5.0	0.0	0.0
10	---	---	---	---	---	0.0	5.0	7.0	5.7	5.0	0.0	0.0
11	---	---	---	---	---	0.0	5.0	7.0	6.0	5.0	0.0	0.0
12	---	---	---	---	---	0.0	5.0	7.0	6.3	5.0	0.0	0.0
13	---	---	---	---	---	0.0	5.0	7.0	6.7	5.0	0.0	0.0
14	---	---	---	---	---	0.0	5.0	7.0	7.0	5.0	0.0	0.0
15	---	---	---	---	---	0.0	5.0	7.0	7.0	5.0	0.0	0.0
16	---	---	---	---	---	0.0	5.0	7.0	7.0	5.0	0.0	0.0
17	---	---	---	---	---	0.0	5.0	7.0	7.0	5.0	0.0	0.0
18	---	---	---	---	---	0.0	5.0	7.0	7.0	5.0	0.0	0.0
19	---	---	---	---	---	0.0	5.0	6.7	7.0	5.0	0.0	0.0
20	---	---	---	---	---	0.0	5.0	6.3	7.0	5.0	0.0	0.0
21	---	---	---	---	---	0.0	5.3	6.0	7.0	5.0	0.0	0.0
22	---	---	---	---	---	0.0	5.7	5.7	7.0	5.0	0.0	0.0
23	---	---	---	---	---	0.0	5.7	5.3	7.0	5.0	0.0	0.0
24	---	---	---	---	---	0.8	6.0	5.0	7.0	5.0	0.0	0.0
25	---	---	---	---	---	1.7	6.3	5.0	7.0	5.0	0.0	0.0
26	---	---	---	---	---	2.5	6.7	5.0	7.0	5.0	0.0	0.0
27	---	---	---	---	---	3.3	7.0	5.0	7.0	5.0	0.0	0.0
28	---	---	---	---	---	4.2	7.0	5.0	7.0	5.0	0.0	0.0
29	---	---	---	---	---	5.0	7.0	5.0	7.0	5.0	0.0	0.0
30	---	---	---	---	---	5.0	7.0	5.0	7.0	5.0	0.0	0.0
31	---	---	---	---	---	5.0	7.0	5.0	7.0	5.0	0.0	0.0
TOTAL						---	7.0	5.0	7.0	5.0	0.0	0.0
MEAN						33	174	187	198	157	18	0
MAX						1.1	5.6	6.2	6.4	5.1	0.6	0.0
MIN						5.0	7.0	7.0	7.0	7.0	5.0	0.0
AC-FT						0.0	5.0	5.0	5.0	5.0	0.0	0.0
						64	345	371	393	311	35	0
IRRIGATION YEAR 1988												
TOTAL						766	MEAN	2	AC-FT	1519		

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14-NOV-88

13212938 HAAS CANAL
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1987 TO OCTOBER 1988
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	---	---	---	---	---	---	---	---	---	---	---	---
2	---	---	---	---	---	0.0	8.5	9.0	11	8.2	9.0	5.0
3	---	---	---	---	---	0.0	8.3	9.0	11	7.6	8.7	5.0
4	---	---	---	---	---	0.0	8.2	8.2	11	7.0	8.3	5.0
5	---	---	---	---	---	0.0	8.0	7.3	10	7.0	8.0	5.0
6	---	---	---	---	---	0.0	8.0	6.5	10	7.0	7.7	5.0
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	0.0	7.8	5.7	10	7.0	7.3	5.0
9	---	---	---	---	---	1.0	7.7	4.8	10	7.0	7.0	4.2
10	---	---	---	---	---	2.0	7.5	4.0	10	7.0	7.0	3.3
11	---	---	---	---	---	3.0	7.3	4.0	10	7.0	7.0	2.5
12	---	---	---	---	---	4.0	7.2	4.7	10	7.0	7.0	1.7
13	---	---	---	---	---	5.0	7.0	5.3	10	7.0	7.0	0.8
14	---	---	---	---	---	6.0	7.0	6.0	10	7.0	7.0	0.0
15	---	---	---	---	---	7.0	7.0	6.7	10	7.0	7.0	0.0
16	---	---	---	---	---	7.3	7.0	7.3	10	7.0	7.0	0.0
17	---	---	---	---	---	7.6	7.0	8.0	9.7	7.0	7.0	0.0
18	---	---	---	---	---	---	---	---	---	---	---	---
19	---	---	---	---	---	7.9	7.0	8.0	9.3	7.0	7.0	0.0
20	---	---	---	---	---	8.1	7.0	8.0	9.0	7.0	7.0	0.0
21	---	---	---	---	---	8.4	7.0	8.0	8.7	7.0	7.0	0.0
22	---	---	---	---	---	8.7	7.0	8.0	8.3	7.3	7.0	0.0
23	---	---	---	---	---	9.0	7.3	8.0	8.0	7.7	7.0	0.0
24	---	---	---	---	---	9.0	7.7	8.0	8.0	8.0	7.0	0.0
25	---	---	---	---	---	9.0	8.0	8.0	8.3	8.3	7.0	0.0
26	---	---	---	---	---	9.0	8.3	8.0	8.7	8.7	6.7	0.0
27	---	---	---	---	---	9.0	8.7	8.5	9.0	9.0	6.3	0.0
28	---	---	---	---	---	9.0	9.0	9.0	9.3	9.0	6.0	0.0
29	---	---	---	---	---	9.0	9.0	9.5	9.7	9.0	5.7	0.0
30	---	---	---	---	---	9.0	9.0	10	10	9.0	5.3	0.0
31	---	---	---	---	---	8.8	9.0	11	12	9.0	5.0	0.0
TOTAL	---	---	---	---	---	8.7	9.0	11	10	9.0	5.0	0.0
MEAN	---	---	---	---	---	---	9.0	---	9.4	9.0	5.0	0.0
MAX	---	---	---	---	---	175	245	---	8.8	9.0	5.0	0.0
MIN	---	---	---	---	---	5.8	7.9	230	---	---	---	0.0
AC-FT	---	---	---	---	---	9.0	9.0	7.7	299	240	6.9	43
	---	---	---	---	---	0.0	9.0	11	9.6	7.7	9.0	1.4
	---	---	---	---	---	0.0	7.0	4.0	12	9.0	5.0	5.0
	---	---	---	---	---	346	485	456	592	476	409	84
IRRIGATION YEAR 1988												
TOTAL												
1436												
MEAN												
4												
AC-FT												
2848												

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14-NOV-88

13212954 PARMA CANAL
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1987 TO OCTOBER 1988
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	---	---	---	---	---	0.0	29	30	24	22	23	21
2	---	---	---	---	---	0.0	29	30	23	22	23	21
3	---	---	---	---	---	0.0	30	29	23	22	22	20
4	---	---	---	---	---	0.0	31	28	23	22	22	20
5	---	---	---	---	---	0.0	31	28	22	23	21	19
6	---	---	---	---	---	0.0	32	27	22	23	21	19
7	---	---	---	---	---	3.4	33	26	22	24	20	19
8	---	---	---	---	---	6.9	34	25	22	25	20	19
9	---	---	---	---	---	10	34	25	22	25	20	19
10	---	---	---	---	---	14	35	26	22	26	20	19
11	---	---	---	---	---	17	36	27	22	26	20	19
12	---	---	---	---	---	21	36	28	22	26	20	19
13	---	---	---	---	---	24	36	28	22	26	20	19
14	---	---	---	---	---	24	36	29	22	26	20	19
15	---	---	---	---	---	24	36	30	22	26	20	19
16	---	---	---	---	---	24	36	30	22	26	20	19
17	---	---	---	---	---	24	36	30	22	26	20	19
18	---	---	---	---	---	24	36	30	22	26	20	19
19	---	---	---	---	---	24	36	30	21	26	21	19
20	---	---	---	---	---	24	36	30	21	26	21	18
21	---	---	---	---	---	24	35	29	21	26	21	18
22	---	---	---	---	---	24	34	29	21	25	22	18
23	---	---	---	---	---	24	33	29	21	25	22	18
24	---	---	---	---	---	25	32	29	22	24	22	17
25	---	---	---	---	---	25	31	28	22	24	22	17
26	---	---	---	---	---	25	30	27	22	23	22	17
27	---	---	---	---	---	26	30	27	22	23	22	17
28	---	---	---	---	---	26	30	26	23	23	22	16
29	---	---	---	---	---	26	30	25	23	23	22	16
30	---	---	---	---	---	27	30	24	23	23	22	16
31	---	---	---	---	---	28	30	24	23	23	22	16
TOTAL						---	30	---	23	23	22	16
MEAN						520	1017	831	687	749	635	562
MAX						17	33	28	22	24	21	18
MIN						28	36	30	24	26	23	21
AC-FT						0.0	29	24	21	22	20	15
IRRIGATION YEAR 1988						1030	2016	1648	1362	1486	1260	1115
TOTAL				5000	MEAN	14	AC-FT	9916				

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14-NOV-88

13212966 ISLAND HIGHLINE CANAL
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1987 TO OCTOBER 1988
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	---	---	---	---	---	0.0	32	41	38	35	36	29
2	---	---	---	---	---	0.0	32	41	37	34	36	29
3	---	---	---	---	---	0.0	33	41	37	33	35	28
4	---	---	---	---	---	0.0	33	41	36	33	35	28
5	---	---	---	---	---	0.0	33	41	35	34	34	28
6	---	---	---	---	---	0.0	34	41	34	34	34	28
7	---	---	---	---	---	3.7	34	41	34	34	34	28
8	---	---	---	---	---	7.4	35	41	34	35	33	28
9	---	---	---	---	---	11	35	41	35	35	33	27
10	---	---	---	---	---	15	36	40	36	36	33	27
11	---	---	---	---	---	19	36	40	37	36	32	26
12	---	---	---	---	---	22	36	39	37	36	32	26
13	---	---	---	---	---	26	36	38	38	36	32	25
14	---	---	---	---	---	26	36	38	39	36	31	25
15	---	---	---	---	---	26	36	37	38	36	31	24
16	---	---	---	---	---	26	36	37	38	36	31	24
17	---	---	---	---	---	26	36	37	38	36	31	24
18	---	---	---	---	---	27	36	37	37	36	31	24
19	---	---	---	---	---	27	36	38	36	36	31	24
20	---	---	---	---	---	27	36	38	36	36	31	24
21	---	---	---	---	---	27	36	38	35	35	31	23
22	---	---	---	---	---	27	37	39	35	35	31	23
23	---	---	---	---	---	28	37	39	35	35	31	23
24	---	---	---	---	---	28	37	39	36	34	31	22
25	---	---	---	---	---	29	38	39	36	34	30	22
26	---	---	---	---	---	30	38	39	36	34	30	22
27	---	---	---	---	---	30	38	39	36	34	30	22
28	---	---	---	---	---	30	38	39	37	34	30	22
29	---	---	---	---	---	31	39	39	37	34	30	21
30	---	---	---	---	---	31	39	39	37	35	29	21
31	---	---	---	---	---	31	40	39	42	35	29	21
TOTAL						---	40	39	37	35	29	21
MEAN						---	41	---	36	36	29	20
MAX						587	1118	1179	1134	1085	950	754
MIN						20	36	39	37	35	32	24
AC-FT						32	41	41	42	36	36	29
IRRIGATION YEAR 1988						0.0	32	37	34	33	29	20
TOTAL						1164	2218	2339	2248	2152	1885	1495
6807						MEAN	19	AC-FT	13500			

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14-NOV-88

13212992 CRAWFORTH PUMPS
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1987 TO OCTOBER 1988
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	---	---	---	---	---	0.0	0.8	0.8	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 1988												
TOTAL				122		MEAN	0	AC-FT	242			

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14-NOV-88

13212994 MCCONNEL ISLAND CANAL
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1987 TO OCTOBER 1988
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	---	---	---	---	---	0.0	28	42	39	43	41	22
2	---	---	---	---	---	0.0	28	42	39	42	38	22
3	---	---	---	---	---	0.0	29	42	39	41	35	22
4	---	---	---	---	---	0.0	29	42	38	41	33	23
5	---	---	---	---	---	0.0	29	42	38	41	30	23
6	---	---	---	---	---	0.0	32	42	38	40	27	23
7	---	---	---	---	---	1.9	36	42	38	40	24	23
8	---	---	---	---	---	3.7	39	42	39	39	24	24
9	---	---	---	---	---	5.6	42	42	39	39	24	24
10	---	---	---	---	---	7.4	46	41	40	38	23	25
11	---	---	---	---	---	9.3	49	39	40	38	23	25
12	---	---	---	---	---	11	49	38	41	38	23	26
13	---	---	---	---	---	13	49	37	41	38	22	26
14	---	---	---	---	---	13	48	35	41	38	22	27
15	---	---	---	---	---	14	48	34	40	38	22	27
16	---	---	---	---	---	14	47	34	39	38	22	27
17	---	---	---	---	---	15	47	35	38	38	22	27
18	---	---	---	---	---	15	46	35	37	38	22	27
19	---	---	---	---	---	16	46	36	36	38	22	26
20	---	---	---	---	---	16	47	36	35	38	22	26
21	---	---	---	---	---	16	47	36	35	38	22	25
22	---	---	---	---	---	18	48	37	37	39	22	25
23	---	---	---	---	---	20	48	37	39	39	22	24
24	---	---	---	---	---	22	49	37	42	39	22	24
25	---	---	---	---	---	23	49	38	44	39	22	23
26	---	---	---	---	---	25	49	38	46	39	21	22
27	---	---	---	---	---	27	48	38	43	40	21	22
28	---	---	---	---	---	27	47	39	46	40	21	21
29	---	---	---	---	---	27	46	39	45	40	21	21
30	---	---	---	---	---	28	44	39	44	41	21	21
31	---	---	---	---	---	43	43	---	44	41	21	20
TOTAL						388	1329	1156	1238	1218	735	738
MEAN						13	43	39	40	39	25	24
MAX						28	49	42	46	43	41	27
MIN						0.0	28	34	35	38	21	20
AC-FT						769	2635	2292	2455	2415	1458	1463
IRRIGATION YEAR 1988												
TOTAL						6800						
MEAN						19						
AC-FT							13486					

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STREAM FLOW MEASURING STATIONS

PRELIMINARY DATA

20-DEC-88

13185000
 DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1987 TO OCTOBER 1988
 BOISE RIVER NEAR TWIN SPRINGS
 MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	265	309	261	295	673	643	1385	1746	566	236	225	252
2	281	452	225	278	708	728	1294	2044	524	231	224	247
3	284	439	235	243	713	1107	1238	1877	494	231	222	245
4	272	379	330	269	679	1489	1193	2317	473	229	219	244
5	268	344	370	272	628	1238	1181	2911	461	226	219	242
6	268	335	358	288	693	1166	1153	2585	447	230	219	242
7	267	435	346	304	626	1470	1225	2220	422	248	216	241
8	265	362	340	311	555	1473	1213	1912	401	233	217	241
9	268	340	334	336	553	1302	1253	1687	384	226	220	241
10	281	416	337	372	484	1230	1236	1625	370	222	218	239
11	277	629	342	358	466	1326	1291	1596	366	217	219	239
12	291	400	319	363	475	1628	1519	1540	354	211	233	241
13	348	273	307	372	462	2079	2074	1481	346	215	239	242
14	380	204	308	358	480	2366	2247	1459	333	212	238	242
15	311	255	312	346	467	2567	2149	1466	326	210	235	242
16	289	398	300	346	436	2682	2424	1458	317	210	232	244
17	278	363	291	310	427	2779	3002	1469	306	208	224	244
18	203	303	258	314	442	2803	2594	1439	299	203	233	242
19	233	291	207	315	474	2492	2160	1407	292	200	243	244
20	290	234	215	312	579	2239	1983	1327	284	199	263	245
21	304	307	305	326	772	2369	2003	1268	276	197	267	245
22	295	338	309	349	838	2141	2240	1182	268	197	263	244
23	287	288	343	358	786	1886	2626	1105	262	196	255	242
24	258	242	306	362	709	1707	2909	1006	256	194	250	244
25	286	208	280	372	651	1573	3037	923	251	233	246	245
26	245	234	305	394	638	1425	2849	922	247	229	244	245
27	215	239	341	442	893	1322	2690	857	243	229	254	244
28	232	250	339	499	849	1318	2475	756	243	231	291	244
29	219	412	340	555	808	1401	2401	674	239	230	268	245
30	241	338	322	---	693	1448	2093	620	235	227	258	245
31	---	318	303	---	635	---	1826	---	233	225	---	245
TOTAL	8201	10331	9488	10019	19290	51397	60963	44877	10517	6785	7152	7545
MEAN	273	333	306	345	622	1713	1967	1496	339	219	238	243
MAX	380	629	370	555	893	2803	3037	2911	566	248	291	252
MIN	203	204	207	243	427	643	1153	620	233	194	216	239
AC-FT	16267	20491	18819	19873	38261	101946	120920	89013	20861	13459	14185	14965
IRRIGATION YEAR 1988			TOTAL	246563	MEAN	674	AC-FT	489058				

PRELIMINARY DATA

20-DEC-88

13186000
SOUTH FORK BOISE RIVER NR FEATHERVILLE
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1987 TO OCTOBER 1988
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	167	181	173	170	302	332	1011	1272	425	182	136	138
2	182	220	157	163	321	369	957	1370	425	182	126	138
3	191	246	157	158	327	517	914	1249	425	185	121	137
4	184	232	157	145	319	591	874	1514	405	156	121	137
5	172	214	160	149	316	501	785	1923	388	161	121	137
6	172	209	184	149	340	504	748	1742	374	162	122	137
7	172	248	185	157	303	624	729	1488	359	165	123	137
8	169	206	182	189	287	630	706	1278	345	163	123	135
9	171	182	184	196	291	570	714	1108	335	159	124	134
10	180	263	187	198	259	558	679	1044	324	155	122	135
11	178	333	193	194	245	618	719	1008	321	154	123	141
12	185	226	181	190	238	791	896	964	318	152	127	147
13	215	149	172	189	234	1048	1299	915	312	158	131	145
14	222	130	180	185	251	1221	1377	865	302	156	132	145
15	190	132	190	182	257	1374	1390	844	298	153	131	144
16	184	223	177	194	237	1450	1663	828	291	151	128	144
17	174	210	178	173	233	1533	2092	808	286	149	128	143
18	140	183	162	168	243	1824	1829	769	286	149	130	142
19	146	175	159	183	266	1709	1529	748	283	146	135	142
20	178	156	155	180	307	1677	1407	710	278	145	146	142
21	185	177	154	193	371	1755	1434	681	270	143	150	142
22	190	212	154	198	390	1469	1605	641	235	146	146	141
23	179	185	167	201	358	1274	1864	593	198	143	141	140
24	162	164	185	198	332	1149	2065	547	196	141	138	140
25	174	147	185	203	312	1062	2120	510	195	138	135	140
26	155	145	185	211	331	966	2040	541	192	135	136	140
27	126	147	188	225	434	910	1931	501	191	135	140	140
28	136	148	189	242	397	928	1776	455	192	136	148	140
29	133	206	191	271	377	1016	1654	430	186	135	146	140
30	141	194	193	---	332	1045	1430	425	184	133	143	140
31	---	185	176	---	318	---	1304	---	182	134	---	140
TOTAL	5150	6027	5439	5453	9526	30016	41539	27770	8998	4700	3969	4352
MEAN	172	194	175	188	307	1001	1340	926	290	152	132	140
MAX	222	333	193	271	434	1824	2120	1923	425	185	150	147
MIN	126	130	154	145	233	332	679	425	182	133	121	134
AC-FT	10214	11955	10789	10815	18895	59537	82393	55082	17848	9323	7873	8632
IRRIGATION YEAR 1988			TOTAL	152940	MEAN	418	AC-FT	303356				

PRELIMINARY DATA

20-DEC-88

13190500 SOUTH FORK BOISE RIVER AT ANDERSON RANCH DAM
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1987 TO OCTOBER 1988
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	303	305										
2	303	306	308	309	299	301	600	599	1600	1050	591	303
3	305	303	309	300	298	299	604	597	1592	807	581	303
4	305	303	307	296	298	301	596	593	1589	599	578	303
5	305	306	307	300	300	333	593	593	1595	593	576	303
6			303	301	301	389	589	595	1597	593	576	303
7	303	308	303	303								303
8	302	304	303	302	299	436	590	596	1597	593		303
9	300	306	302	300	298	488	594	598	1594	594	403	303
10	301	307	303	300	298	538	600	598	1591	594	305	303
11	300	308	301	304	302	553	596	598	1586	592	303	303
12	299				299	550	591	599	1583	595	303	303
13	299	307	303	306	302							
14	300	308	302	302	306	583	593	599	1577	593	303	303
15	299	310	302	302	306	600	592	600	1580	597	305	303
16	299	308	303	301	302	598	594	601	1584	599	303	304
17	300	308	303	302	300	598	598	599	1583	598	303	303
18	299	306	302	303	299	600	593	599	1579	599	303	302
19	300	308	303	305	299	601	589	599				
20	300	307	303	310	299	603	592	600	1573	598	302	302
21	302	308	306	308	298	606	594	604	1574	596	297	300
22	302		306	310	298	603	598	601	1569	593	299	299
23	299	307	307	309	299	611	599	594	1563	606	592	300
24	300	306	305	308	306	617	599	591	1562	593	741	300
25	299	304	306	306	303	620	598	588	1560	594		
26	305	307	304	304	299	621	599	587	1559	593	745	299
27	305	306	303	306	298	620	601	587	1557	590	611	299
28	303	308	303	300		609	603	588	1559	591	408	300
29	299	308	302	302	296				1557	588	305	301
30	299	306	301	301	302	599	605	593			302	298
31	302	306	308	300	302	598	608	805	1552	594		
TOTAL	---	307	306	---	303	598	606	1123	1551	593	303	302
MEAN	9034	9503	9428	8801	9311	16268	18528	1391	1543	592	304	303
MAX	301	307	304	303	300	542	598	606	1543	593	305	302
MIN	305	310	309	310	306	621	608	606	1540	593	305	302
AC-FT	299	303	301	296	296	299	589	587	1534	592	---	301
IRRIGATION YEAR 1988	17919	18848	18699	17456	18469	32268	36750	40483	96636	37878	24114	18561
TOTAL				190614	MEAN	521	AC-FT	378081				

PRELIMINARY DATA

20-DEC-88

13200000 MORES CREEK ABOVE ROBIE CREEK
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1987 TO OCTOBER 1988
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	40	70	182	329	226	222	262	228	69	17	11	25
2	44	107	162	303	256	237	243	306	66	16	11	24
3	49	132	146	272	258	410	230	255	64	16	11	24
4	47	99	145	271	250	588	222	247	61	16	10	24
5	45	84	172	277	254	463	214	237	60	16	11	25
6	44	79	204	275	328	428	232	231	59	15	11	25
7	43	84	201	294	302	478	226	212	59	15	11	25
8	43	76	199	329	253	441	210	198	57	17	11	25
9	43	65	201	316	235	383	211	187	55	16	10	25
10	46	96	232	383	206	344	211	171	53	16	9.4	25
11	46	113	274	366	182	338	211	163	47	15	9.6	25
12	49	78	282	349	169	369	230	154	46	14	12	26
13	74	56	265	311	159	429	289	144	45	14	14	26
14	95	53	290	228	163	466	311	135	44	14	14	27
15	71	87	326	167	157	483	299	130	42	14	15	27
16	61	94	316	136	146	482	300	128	41	13	15	28
17	55	97	313	126	145	479	322	123	40	13	14	28
18	41	102	287	108	150	451	314	116	38	13	15	29
19	55	112	254	101	165	396	284	110	37	12	18	29
20	53	163	293	97	197	395	267	103	35	12	22	29
21	53	179	322	102	252	496	257	100	32	11	24	30
22	52	152	336	104	296	440	254	92	27	11	24	30
23	52	129	340	99	291	395	257	87	26	11	23	30
24	48	119	328	101	278	355	261	82	25	11	23	30
25	52	121	314	102	256	332	254	79	24	11	22	30
26	39	146	318	111	268	306	244	77	22	10	21	31
27	51	166	316	121	337	284	232	79	21	10	23	31
28	56	165	317	137	299	271	218	78	20	10	30	31
29	55	173	324	195	278	273	284	73	19	10	29	32
30	72	185	359	---	243	277	254	70	19	10	27	32
31	---	184	342	---	228	---	226	---	19	10	---	32
TOTAL	1573	3565	8360	6109	7226	11712	7827	4394	1267	408	500	859
MEAN	52	115	270	211	233	390	252	146	41	13	17	28
MAX	95	185	359	383	337	588	322	306	69	17	30	32
MIN	39	53	145	97	145	222	210	70	19	10	9.4	24
AC-FT	3120	7070	16581	12118	14334	23230	15524	8716	2513	809	991	1704
IRRIGATION YEAR 1988			TOTAL	53799	MEAN	147	AC-FT	106709				

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PRELIMINARY DATA

20-DEC-88

13203600
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1987 TO OCTOBER 1988
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	131	144	129	144	125	175	1519	1679	1599	1397	707	217
2	133	159	129	124	128	167	1510	1611	1602	1385	658	218
3	132	159	131	137	136	167	1522	1582	1601	1335	647	220
4	132	156	141	124	147	178	1566	1583	1580	1317	646	221
5	132	158	147	125	147	344	1589	1579	1520	1312	643	222
6	132	159	149	124	149	464	1604	1576	1475	1302	627	221
7	132	159	147	124	152	470	1610	1591	1454	1309	595	218
8	132	148	147	124	155	484	1608	1609	1458	1306	596	219
9	135	147	148	124	151	501	1602	1604	1452	1306	589	218
10	135	142	149	124	147	523	1688	1620	1459	1312	594	217
11	135	139	150	124	147	611	1700	1630	1425	1310	588	215
12	135	139	150	124	147	620	1692	1625	1383	1300	496	213
13	136	139	150	123	148	722	1719	1622	1345	1287	386	190
14	135	139	149	122	147	808	1763	1642	1337	1277	367	171
15	135	138	146	124	147	899	1783	1652	1350	1288	366	172
16	134	138	146	125	148	939	1796	1642	1354	1266	369	171
17	126	139	147	125	148	931	1812	1662	1358	1267	340	167
18	120	139	142	132	146	1076	1816	1674	1348	1276	314	167
19	127	138	137	131	136	1245	1778	1679	1340	1236	305	169
20	132	137	132	130	136	1308	1760	1685	1332	1274	289	163
21	132	139	165	129	147	1310	1758	1684	1324	1271	278	158
22	132	139	160	129	159	1298	1757	1688	1331	1266	280	152
23	130	139	155	130	159	1300	1762	1704	1324	1253	287	154
24	133	139	159	132	160	1298	1773	1710	1324	1253	269	155
25	136	139	178	132	160	1353	1771	1706	1325	1242	199	150
26	135	139	166	131	160	1451	1781	1719	1353	1247	224	158
27	135	139	156	130	160	1502	1784	1691	1377	1255	215	166
28	132	139	159	130	165	1511	1784	1654	1378	1253	218	166
29	132	139	160	129	167	1515	1787	1646	1380	1244	217	149
30	130	133	161	---	161	1517	1759	1631	1382	940	217	143
31	---	128	161	---	152	---	1728	---	1392	767	---	142
TOTAL	3968	4428	4646	3706	4634	26685	52880	49378	43663	39052	12526	5680
MEAN	132	143	150	128	149	890	1706	1646	1408	1260	418	183
MAX	136	159	178	144	167	1517	1816	1719	1602	1397	707	222
MIN	120	128	129	122	125	167	1510	1576	1324	767	199	142
AC-FT	7871	8783	9215	7352	9191	52930	104887	97940	86605	77460	24845	11266
IRRIGATION YEAR 1988			TOTAL	251246	MEAN	686	AC-FT	498345				

PRELIMINARY DATA

20-DEC-88

13206000
 DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1987 TO OCTOBER 1988
 BOISE RIVER AT GLENWOOD BRIDGE
 MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	186	183	159	141	153	173	874	864	805	772	559	225
2	187	186	159	140	151	174	874	784	828	773	535	225
3	188	181	159	143	150	189	874	743	831	728	523	222
4	186	178	162	142	326	175	874	734	825	697	521	223
5	184	178	158	144	273	260	874	726	788	702	519	225
6	186	177	161	144	192	417	873	723	764	695	520	226
7	183	176	160	143	174	429	873	734	771	714	500	221
8	183	178	158	146	184	440	848	746	766	713	492	222
9	187	196	169	148	212	455	822	762	764	711	485	224
10	177	197	168	151	165	468	815	780	766	716	482	226
11	173	178	166	149	169	556	826	775	778	715	488	234
12	182	174	161	150	173	562	914	778	777	709	447	249
13	188	174	158	149	173	597	861	774	751	693	303	212
14	177	175	171	150	173	630	880	793	741	696	264	169
15	174	174	163	147	172	596	880	808	748	700	262	167
16	175	174	152	145	174	644	880	795	750	686	262	188
17	171	172	153	149	173	611	869	800	755	676	316	195
18	164	173	149	153	173	663	870	818	748	684	335	192
19	166	172	149	152	161	825	868	818	745	696	334	195
20	174	172	158	151	159	971	874	827	744	690	324	196
21	176	172	148	150	167	932	875	824	736	688	309	193
22	176	172	149	150	164	876	841	822	734	682	299	179
23	176	172	145	150	163	828	850	840	720	669	304	183
24	176	172	148	150	161	784	865	855	719	667	299	191
25	180	171	143	150	160	786	864	845	718	664	210	185
26	177	172	138	151	159	843	876	877	729	655	228	178
27	178	172	132	149	164	876	881	855	760	674	236	202
28	177	173	132	150	164	874	890	805	766	673	227	203
29	177	172	149	154	179	874	968	803	760	635	234	187
30	179	169	147	---	166	874	910	797	763	580	228	168
31	---	162	141	---	155	---	880	---	770	562	---	167
TOTAL	5360	5444	4789	4289	5480	18378	27021	23903	21316	11044	6270	12436
MEAN	179	176	154	148	177	613	872	797	762	688	202	202
MAX	188	197	185	154	326	971	968	877	831	773	559	249
MIN	164	162	132	140	150	173	815	723	718	562	210	167
AC-FT	10632	10799	9500	8507	10869	36453	53597	47412	46847	42281	21906	12436
IRRIGATION YEAR 1988			TOTAL	156913	MEAN	429	AC-FT	311236				

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PRELIMINARY DATA

20-DEC-88

13210050 BOISE RIVER NR MIDDLETON
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1987 TO OCTOBER 1988
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	---	---	---	---	---	---	---	---	---	---	---	---
2	---	---	---	---	---	---	---	---	---	---	---	---
3	---	---	---	---	---	214	163	427	166	216	148	127
4	---	---	---	---	---	235	164	393	180	211	144	127
5	---	---	---	---	---	249	136	287	206	190	138	125
6	---	---	---	---	---	240	136	246	224	154	143	118
7	---	---	---	---	---	154	161	237	197	158	147	108
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	233	190	222	191	151	163	103
10	---	---	---	---	---	275	217	173	175	155	140	100
11	---	---	---	---	---	266	214	159	170	172	115	95
12	---	---	---	---	---	261	205	182	164	150	110	99
13	---	---	---	---	---	260	195	178	168	164	103	98
14	---	---	---	---	---	285	210	159	191	179	104	101
15	---	---	---	---	---	289	190	167	199	178	284	149
16	---	---	---	---	---	253	116	164	185	166	321	189
17	---	---	---	---	---	212	108	135	154	173	219	176
18	---	---	---	---	---	133	146	141	159	185	179	164
19	---	---	---	---	---	---	---	---	---	---	---	---
20	---	---	---	---	---	162	145	142	171	175	169	168
21	---	---	---	---	---	153	140	123	169	154	179	177
22	---	---	---	---	---	116	155	134	186	162	228	181
23	---	---	---	---	---	168	140	145	176	166	224	187
24	---	---	---	---	---	352	149	149	163	168	241	192
25	---	---	---	---	---	372	166	159	150	150	219	178
26	---	---	---	---	---	304	162	143	154	167	199	171
27	---	---	---	---	---	271	166	145	138	165	208	164
28	---	---	---	---	---	211	156	155	121	154	207	182
29	---	---	---	---	---	192	157	146	124	165	175	192
30	---	---	---	---	---	---	---	---	---	---	---	---
31	---	---	---	---	---	190	174	201	119	138	135	172
TOTAL	---	---	---	---	---	213	190	232	138	139	149	188
MEAN	---	---	---	---	---	231	191	5638	167	167	174	153
MAX	---	---	---	---	---	372	474	188	224	216	321	192
MIN	---	---	---	---	---	241	223	123	119	137	103	95
AC-FT	---	---	---	---	---	179	474	155	170	205	140	175
	---	---	---	---	---	224	427	155	178	137	---	171
	---	---	---	---	---	909	6943	5911	5172	5183	5229	4753
	---	---	---	---	---	227	231	191	167	167	174	153
	---	---	---	---	---	241	372	474	224	216	321	192
	---	---	---	---	---	213	116	108	119	137	103	95
	---	---	---	---	---	1804	13771	11724	10259	10280	10372	9428
	---	---	---	---	---	MEAN	109	AC-FT	78822			
	---	---	---	---	---	TOTAL	39739					
	---	---	---	---	---	IRRIGATION YEAR 1988						

20-DEC-88

13210050
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1987 TO OCTOBER 1988
MEAN VALUES

[illegible]

PRELIMINARY DATA

20-DEC-88

13213000 BOISE RIVER PARMA
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1987 TO OCTOBER 1988
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	921	898	780	769	765	432	468	1110	421	238	382	405
2	935	903	770	743	752	414	515	1251	452	276	375	380
3	947	910	743	737	740	445	441	1071	366	296	394	352
4	936	951	781	729	733	444	365	894	430	296	431	337
5	936	866	777	728	767	371	432	741	450	270	457	331
6	934	865	770	728	763	334	536	728	399	285	465	316
7	925	840	763	727	770	482	666	583	332	301	439	313
8	907	837	768	735	751	520	715	492	336	316	373	309
9	904	879	777	746	767	496	728	490	292	304	344	322
10	928	921	820	761	767	509	592	471	249	270	364	396
11	914	910	830	760	739	522	517	443	260	274	368	536
12	937	928	798	751	726	435	453	434	246	286	444	570
13	964	860	775	761	711	416	369	395	247	262	620	672
14	957	835	804	744	707	310	334	293	226	276	538	650
15	915	843	839	746	710	302	375	246	232	310	458	611
16	912	834	822	742	707	211	427	220	231	309	410	585
17	904	833	807	727	672	203	372	207	239	290	385	599
18	882	840	770	735	651	193	390	180	247	266	405	646
19	878	822	751	739	652	159	401	167	217	276	479	735
20	884	810	742	736	641	296	377	151	227	302	549	741
21	896	814	750	731	628	570	416	175	214	325	558	746
22	891	813	741	733	647	607	413	165	183	335	530	735
23	886	805	747	731	638	566	383	153	189	337	492	717
24	877	783	727	733	637	517	363	149	198	337	485	718
25	887	783	718	736	617	498	398	148	202	301	478	732
26	873	780	721	749	585	468	402	208	208	319	415	721
27	864	783	720	753	578	522	439	439	195	322	370	694
28	863	790	721	746	564	553	503	454	196	356	393	722
29	863	791	734	749	563	509	730	348	185	404	402	745
30	864	800	805	---	554	489	1192	349	200	443	402	756
31	---	801	811	---	484	---	1181	---	213	416	---	753
TOTAL	27182	26124	23881	21502	20986	12792	15890	13154	8280	9597	13202	17844
MEAN	906	843	770	741	677	426	513	438	267	310	440	576
MAX	964	951	839	769	770	607	1192	1251	452	443	620	756
MIN	863	780	718	727	484	159	334	148	183	238	344	309
AC-FT	53915	51817	47368	42648	41626	25372	31517	26092	16423	19036	26186	35394
IRRIGATION YEAR 1988			TOTAL	210432	MEAN	575	AC-FT	417392				

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RESERVOIRS

PRELIMINARY DATA

20-DEC-88

13190000
 ANDERSON RANCH RESERVOIR
 CONTENTS IN ACRE FEET, IRRIGATION YEAR NOVEMBER 1987 TO OCTOBER 1988

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	95069	90582	87815	84119	82399	93820	140224	201992	223056	144634	117875	103981
2	95023	90710	87567	83928	82871	94408	141203	203992	220800	143429	117015	103768
3	94951	90735	87295	83695	83376	95756	142116	205740	218505	142654	116121	103512
4	94792	90779	87129	83523	83904	96958	143023	207971	216183	141844	115245	103280
5	94572	90710	87081	83357	84414	97666	143828	210901	213818	140963	114361	103066
6	94408	90735	86933	83185	84905	98296	144830	213552	211346	140224	113849	102802
7	94249	90838	86791	83100	85367	99006	145686	215606	209000	139365	113499	102542
8	94092	90779	86791	83019	85667	99887	146451	217331	206467	138572	113182	102288
9	93931	90794	86700	82952	85895	100320	147180	218670	203956	137781	112834	102055
10	93799	90907	86700	82952	85643	100763	147892	219985	201501	136960	112421	101844
11	93618	91189	86643	82909	85748	101304	148646	221166	198990	136109	112129	101590
12	93502	91189	86576	82871	85857	102241	149816	222126	196473	135320	111809	101346
13	93688	90976	86362	82804	85938	103816	151709	224123	193418	134425	111512	101134
14	93663	90641	86386	82719	86086	105667	153851	224858	190905	133614	111247	100883
15	93547	90360	86362	82614	86343	108090	156031	225891	188310	132753	111005	100675
16	93441	90291	86343	82571	86467	110495	158736	226591	185784	131947	110680	100466
17	93330	90271	86343	82447	86533	113104	162181	227351	183190	131088	110348	100346
18	93058	90138	86086	82257	86657	116266	165204	228051	180540	130257	110060	100049
19	92811	90034	85771	82166	86872	119863	167618	228601	177987	129351	109219	99856
20	92609	89768	85490	82066	87253	122818	169827	229128	175046	128481	108155	99652
21	92478	89615	85390	81956	87839	125957	172040	229610	172477	127598	107075	99423
22	92382	89585	85138	81866	88490	128400	174540	230114	169827	126757	106211	99188
23	92230	89457	84986	81828	89038	130286	177601	230274	167192	125875	105779	98964
24	92074	89191	84986	81785	89502	131847	180946	230313	164581	125033	105550	98756
25	91850	88895	84714	81718	90010	133171	183956	230511	161989	124164	105384	98564
26	91628	88629	84624	81718	90582	134378	187229	230710	159319	123248	105075	98311
27	91327	88446	84457	81742	91455	135373	190779	230274	156752	122361	104835	98105
28	91060	88278	84352	81852	92094	136480	193502	229128	154156	121475	104605	97872
29	90824	88209	84309	82066	92538	137733	196126	227397	151547	120584	104435	97666
30	90557	88121	84309	82066	92997	138896	198274	225291	148891	119687	104221	97444
31	---	88012	84266	---	93371	---	200113	---	146231	118781	---	97237
MAX	95069	91189	87815	84119	93371	138896	200113	230710	223056	144634	117875	103981
MIN	90557	88012	84266	81718	82399	93820	140224	201992	146231	118781	104221	97237
CHNG		-2545	-3746	-2200	11305	45525	61217	25178	-79060	-27450	-14560	-6984

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13194000 ARROWROCK RESERVOIR
 CONTENTS IN ACRE FEET, IRRIGATION YEAR NOVEMBER 1987 TO OCTOBER 1988

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	32352	70926	115531	145216	158954	194271	114284	65217	15495	4734	2757	1088
2	33625	72662	116585	143061	161262	194876	108887	65606	15113	4318	2757	1088
3	34956	74428	117640	140358	163574	196074	101771	66024	14756	3938	2600	1088
4	36285	75973	119770	138443	165718	198114	95110	67161	14347	3840	2800	1832
5	37580	77486	121001	138644	168012	199268	89062	69195	13654	3840	3000	3398
6	38819	78973	122430	139541	170541	200729	83810	70197	13438	3800	2500	4198
7	40031	80688	123846	140442	172784	202700	79517	70242	13135	3800	2450	5066
8	41249	82210	125356	141623	174834	195620	75853	69609	12643	3900	2450	5981
9	41600	82476	127058	143137	176455	182897	72928	68630	12148	3900	2400	6951
10	43749	84772	128638	144738	177562	170695	70532	66944	11654	3900	2450	8015
11	45008	87314	129959	146434	178703	159356	68750	65192	11362	3900	2400	8589
12	46271	88708	131319	148058	179653	149021	67834	62279	11063	3900	2200	9022
13	47856	90099	132719	149638	180576	139797	66984	60121	10629	3900	1950	9486
14	49444	91707	134260	151210	181518	132099	66728	58330	10490	3900	1750	10567
15	51026	93409	135640	152785	182396	127359	66728	56611	9882	3900	1650	11757
16	52455	94988	136880	154356	183225	127521	66286	54064	9531	3900	1600	12900
17	53885	96522	138121	155913	184022	127718	67618	51243	9188	3900	1600	13852
18	55311	98050	139382	157277	184832	128697	67890	47733	8865	3900	1550	15087
19	56174	99578	140539	158702	185704	129461	67212	44516	8520	3900	2050	16159
20	57445	101106	141625	160108	186764	129478	66311	44621	8202	3900	2250	17052
21	58873	102774	142742	161580	187636	129779	65688	45966	7935	3900	2230	18093
22	60175	103723	143976	159184	188375	129537	65648	45030	7675	3900	1970	19135
23	61434	104911	145293	155136	189018	128558	66391	40508	7416	3900	1770	20267
24	62657	106090	146606	150918	189460	127158	67456	35017	7157	3900	1420	21403
25	63902	107269	147930	148748	189864	125543	68551	28855	6903	3900	1088	22395
26	65090	108457	149193	150517	190271	123685	69047	23370	6657	3900	1088	23396
27	66155	109607	150483	152366	190899	121589	69128	19486	6424	3900	1088	24387
28	67253	110769	152304	154356	191565	119599	68750	17365	6162	3900	1088	25352
29	68307	112251	151017	156606	191996	117640	68427	16215	5888	3042	1088	26319
30	69484	113439	149467	---	192807	116013	67401	15858	5641	2782	1088	27295
31	---	114483	146688	---	193719	---	66128	---	5384	3157	---	28233
MAX	69484	114483	152304	161580	193719	202700	114284	70242	5495	4734	3000	28233
MIN	32352	70926	115531	138443	158954	116013	65648	15858	5384	2782	1088	1088
CHNG	---	44999	32205	9918	37113	-77706	-49885	-50270	-10474	-2227	-2069	27145

PRELIMINARY DATA

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13201500 LUCKY PEAK RESERVOIR
 CONTENTS IN ACRE FEET, IRRIGATION YEAR NOVEMBER 1987 TO OCTOBER 1988

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	51280	47011	44015	55073	87834	95668	229652	265608	249018	177200	51926	9855
2	51125	47011	43892	58981	88173	96779	233887	265054	246982	173380	49486	10696
3	50997	47024	43759	63029	87359	98312	239656	264229	244834	169159	47286	11509
4	50872	46984	43665	66952	87190	100118	244543	263518	242776	164729	44794	11753
5	50689	46876	43585	68093	87071	101227	248755	263362	240781	160206	42304	11373
6	50477	46805	43516	67970	87141	102121	252146	263440	238792	155867	40336	11326
7	50337	46752	43452	67862	86853	103152	254861	263495	236843	151472	37857	11442
8	50183	46656	43411	67847	86329	113416	257068	263275	234721	147070	35335	11635
9	50031	46614	43411	67847	86210	128699	258454	262789	232622	142624	32790	11907
10	49905	46572	43385	67955	86345	143140	259181	262812	230447	138170	30189	12198
11	49724	46588	43359	68048	86431	156491	259404	263495	228247	133703	27580	12549
12	49626	46532	43359	68141	86464	169001	259235	263711	226130	129330	25131	12990
13	49626	46381	43290	68201	86547	180436	259592	263798	223993	125025	22682	13571
14	49570	46203	43318	68279	86566	190910	260277	263170	221851	120779	20035	13909
15	49486	46043	43331	68328	86599	198820	260816	262432	219643	116552	17306	13958
16	49359	45933	43331	68404	86616	202032	261173	262487	217388	112685	14486	14047
17	49289	45865	43303	68404	86632	205207	261740	262643	215120	108064	11646	14167
18	49122	45728	43238	68434	86447	208033	262372	263417	212824	103798	8864	14228
19	49012	45636	43158	68464	86144	210263	262890	263848	210534	99598	6082	14207
20	48926	45492	43038	68515	85871	212429	263083	260793	208180	95532	4039	14186
21	48790	45348	42999	68545	86210	214746	263060	256448	205770	91465	2260	13998
22	48873	45240	42958	72372	87038	216889	262922	253998	203312	87399	1102	13660
23	48873	45131	42932	78147	87732	218896	262835	254531	200927	83164	1694	13353
24	48332	44955	42919	83912	88462	220726	262922	255670	198487	79140	3100	13461
25	48182	44781	42863	87530	89162	222556	263275	257127	196007	75112	4237	13789
26	48014	44607	42824	87477	89774	224094	263656	257833	193469	71077	5174	14118
27	47808	44444	42786	87461	90615	225389	264151	257127	190863	67121	6109	14277
28	47627	44296	43158	87461	91354	226560	264588	255349	188234	63181	7075	14315
29	47437	44202	46245	87477	92410	227684	265165	253106	185619	59917	8046	14416
30	47341	44148	49303	---	93486	228779	265553	250993	182965	57018	8977	14526
31	---	44081	52256	---	94582	---	265585	---	180295	53994	---	14638
MAX	51280	47024	52256	87530	94582	228779	265585	265608	249018	177200	51926	14638
MIN	47341	44081	42786	55073	85871	95668	229652	250993	180295	53994	1102	9855
CHNG	-3260	8175	8175	35221	7105	134197	36806	-14592	-70698	-126301	-45017	5661

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