

**WATER DISTRIBUTION
OF
BOISE RIVER
DISTRICT 63
1987**

REPORT ON
CANAL DELIVERIES FROM
BOISE RIVER

AND
DIFFERENT FEATURES AFFECTING THESE
DELIVERIES FOR THE IRRIGATION SEASON
OF 1987

(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

There is one word that best summarizes the 1987 water year and that word is "drought". Water year 1987 was the second lowest on record with 1977 being the lowest. The April 1, 1987, snow survey showed the Boise Basin at only about 40% of normal, which produced approximately 937,600 Ac.Ft. of runoff. The peak natural flow of the Boise River was 5,609 C.F.S., occurring on May 1st and the lowest hovering near 200 C.F.S. in mid-August and mid-September.

Irrigation started on the Boise River system on the 1st of April and continued until the 31st of October. Fortunately, there was a good carry-over of water in the reservoir system and this helped buffer what would have otherwise been a disastrous irrigation season for the majority of the water users. With some severe belt tightening and using good water conservation methods, most irrigators were able to produce near normal amounts of crops. But, the drought did take it's toll on the reservoir system, with nearly all the major storage holders depleting their storage accounts. The U.S. Bureau of Reclamation and several other volunteer storage holders made available some additional storage water to help ease the water shortage experienced late in the irrigation season by some diverters.

On October 31, 1987, there was only 177,743 Ac.Ft. left in the three upper reservoirs. With the reservoirs at such a low state, all attention will be focused on the 1988 snow forecasts and runoff predictions. It will take nearly 100% of normal precipitation to bring the reservoirs back into good shape for the 1988 irrigation season.

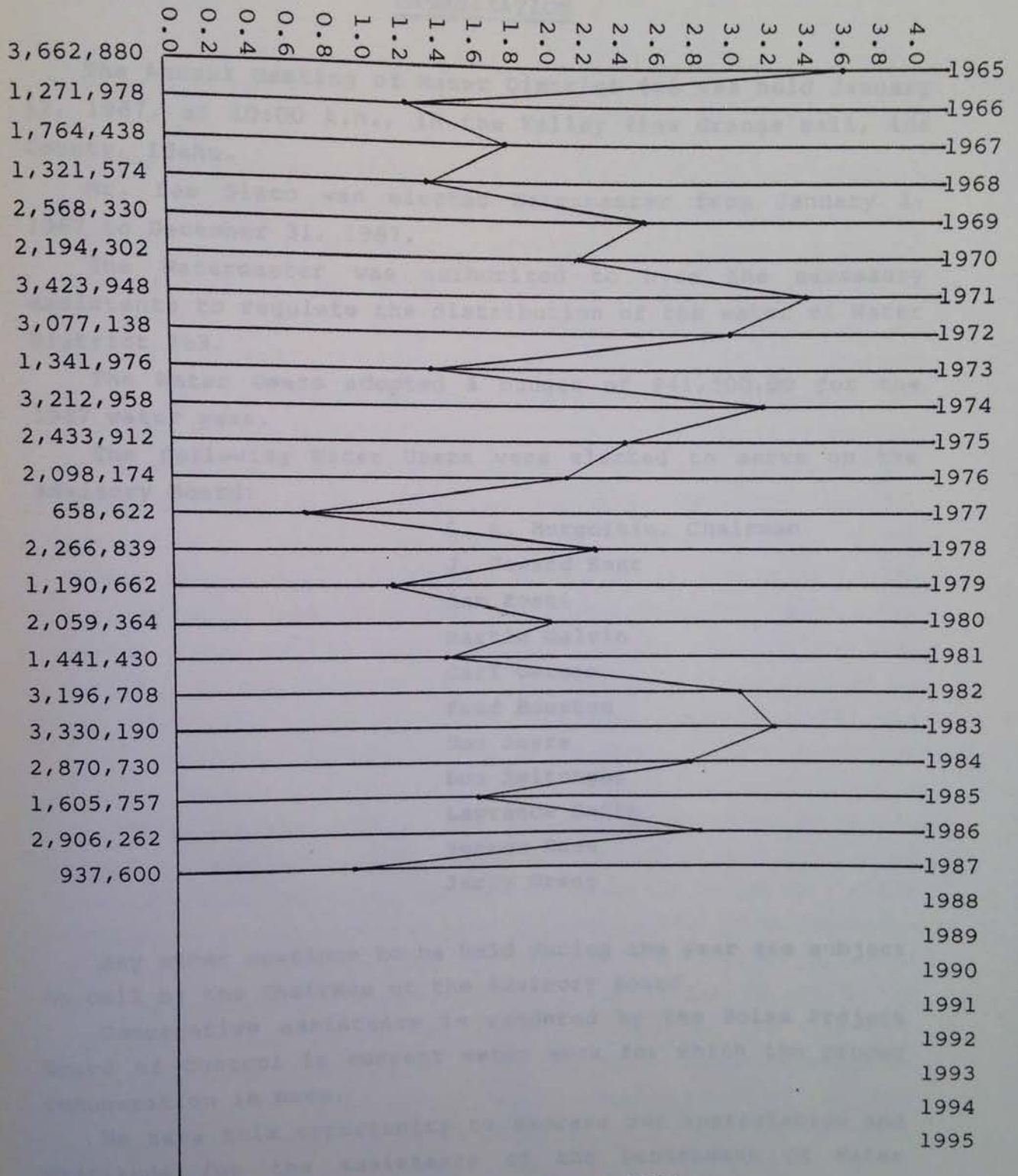
All of the data presented in this report will be based on

ANNUAL WATER USERS MEETING

and 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.

1961	1,221,774	1962
1962	1,242,370	1963
1963	1,194,362	1964
1964	1,211,746	1965
1965	1,277,132	1966
1966	1,341,976	1967
1967	1,256,826	1968
1968	1,327,911	1969
1969	1,296,172	1970
1970	1,246,421	1971
1971	1,286,812	1972
1972	1,326,061	1973
1973	1,226,481	1974
1974	1,342,450	1975
1975	1,316,761	1976
1976	1,330,130	1977
1977	1,276,730	1978
1978	1,308,797	1979
1979	1,326,282	1980
1980	1,317,200	1981
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2099		2100

RUNOFF IN MILLIONS OF ACRE-FEET



ANNUAL RUNOFF OF BOISE RIVER

ORGANIZATION

The Annual Meeting of Water District #63 was held January 12, 1987, at 10:00 A.M., in the Valley View Grange Hall, Ada County, Idaho.

Mr. Lee Sisco was elected Watermaster from January 1, 1987 to December 31, 1987.

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 \$41,300.00 for the 1987 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.

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 Office of the Bureau of Reclamation.

DECREES

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 Intervenorrs in the "Stewart Decree", showing the owner, priority date and amount decreed.

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

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

1	Stewart	Stewart & Co.	10.00	100	10-01-00
2	Stewart	Stewart & Co.	10.00	100	10-01-00
3	Stewart	Stewart & Co.	10.00	100	10-01-00
4	Stewart	Stewart & Co.	10.00	100	10-01-00
5	Stewart	Stewart & Co.	10.00	100	10-01-00
6	Stewart	Stewart & Co.	10.00	100	10-01-00
7	Stewart	Stewart & Co.	10.00	100	10-01-00
8	Stewart	Stewart & Co.	10.00	100	10-01-00
9	Stewart	Stewart & Co.	10.00	100	10-01-00
10	Stewart	Stewart & Co.	10.00	100	10-01-00
11	Stewart	Stewart & Co.	10.00	100	10-01-00
12	Stewart	Stewart & Co.	10.00	100	10-01-00
13	Stewart	Stewart & Co.	10.00	100	10-01-00
14	Stewart	Stewart & Co.	10.00	100	10-01-00
15	Stewart	Stewart & Co.	10.00	100	10-01-00
16	Stewart	Stewart & Co.	10.00	100	10-01-00
17	Stewart	Stewart & Co.	10.00	100	10-01-00
18	Stewart	Stewart & Co.	10.00	100	10-01-00
19	Stewart	Stewart & Co.	10.00	100	10-01-00
20	Stewart	Stewart & Co.	10.00	100	10-01-00
21	Stewart	Stewart & Co.	10.00	100	10-01-00
22	Stewart	Stewart & Co.	10.00	100	10-01-00
23	Stewart	Stewart & Co.	10.00	100	10-01-00
24	Stewart	Stewart & Co.	10.00	100	10-01-00
25	Stewart	Stewart & Co.	10.00	100	10-01-00
26	Stewart	Stewart & Co.	10.00	100	10-01-00
27	Stewart	Stewart & Co.	10.00	100	10-01-00
28	Stewart	Stewart & Co.	10.00	100	10-01-00
29	Stewart	Stewart & Co.	10.00	100	10-01-00
30	Stewart	Stewart & Co.	10.00	100	10-01-00
31	Stewart	Stewart & Co.	10.00	100	10-01-00
32	Stewart	Stewart & Co.	10.00	100	10-01-00
33	Stewart	Stewart & Co.	10.00	100	10-01-00
34	Stewart	Stewart & Co.	10.00	100	10-01-00
35	Stewart	Stewart & Co.	10.00	100	10-01-00
36	Stewart	Stewart & Co.	10.00	100	10-01-00
37	Stewart	Stewart & Co.	10.00	100	10-01-00
38	Stewart	Stewart & Co.	10.00	100	10-01-00
39	Stewart	Stewart & Co.	10.00	100	10-01-00
40	Stewart	Stewart & Co.	10.00	100	10-01-00
41	Stewart	Stewart & Co.	10.00	100	10-01-00
42	Stewart	Stewart & Co.	10.00	100	10-01-00
43	Stewart	Stewart & Co.	10.00	100	10-01-00
44	Stewart	Stewart & Co.	10.00	100	10-01-00
45	Stewart	Stewart & Co.	10.00	100	10-01-00

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. CAMFIELD	.03	1.5	63-0247
115	6-1-1889	SONORA JOPLIN	.06	3	63-0215
116	6-1-1889	SONORA JOPLIN	1.20	60	63-0216
117	9-1-1890	PIONEER IRRIGATION DISTRICT	200.00	10000	63-0224
118	6-1-1891	W. H. CONWAY	2.20	110	63-0197
119	6-1-1891	THOMAS DAVIS	.54	27	63-0122
120	6-1-1891	MIDDLETON MILL DITCH CO.	17.00	850	63-0126
121	6-1-1891	THOMAS ANDREWS	3.50	175	63-0131
122	6-1-1891	SETTLERS CANAL CO.	73.44	3672	63-0231
123	6-1-1891	THOMAS AIKEN	.80	40	63-0195
124	5-1-1893	RIVERSIDE IRRIGATION DISTRICT	80.00	4000	63-0227
125	6-1-1894	R. H. STOCKTON	1.76	88	63-0204
126	7-2-1894	FARMERS UNION DITCH CO.	110.00	5500	63-0248
127	5-1-1895	CHARLES REIN & JANE KEOM	1.00	50	63-0249
128	7-1-1895	MATHEW CASEY	.66	33	63-0250
129	7-1-1896	FARMERS COOPERATIVE DITCH CO.	83.50	4175	63-0191
130	7-1-1896	RIVERSIDE IRRIGATION DISTRICT	20.00	1000	63-0228
131	10-1-1899	NEW YORK CANAL CO.	219.10	10955	63-0251
132	3-23-1900	CANYON DITCH CO.	10.00	500	63-0369
133	5-17-1900	RIVERSIDE IRRIGATION DISTRICT	70.00	3500	63-0229
134	6-1-1901	CANYON DITCH CO.	5.54	277	63-0252
135	10-25-1901	PIONEER IRRIGATION DISTRICT	56.34	2817	63-0225
	4-1-1904				

INTERVENORS - STEWART DECREE

CHART NO. 2

BOISE RIVER

NUMBER	DATE	NAME	CANAL	AMOUNT DECREED		DEPT. OF WATER ADMINISTRATION
				SEC. FT.	INCHES	
8-A	4-1-1865	ADOLPH BAHLER	BAHLER	.80	40	63-0278
8-B	4-1-1865	FIRST NAT. BANK OF PUEBLO	BUBB	1.80	90	63-0280
8-C	1865	LOUISE SIMONSON	LEMP DITCH	6.00	300	63-0270
8-D	1865	S. G. HARDIES	BUBB	.50	25	63-0281
31-A	6-1-1866	WM. MUSSER	LAWRENCE & KENNEDY	2.30	115	63-0254
31-B	6-1-1866	MINNIE & JEREMIAH COUZENS	MIDDLETON WATER	.60	30	63-0255
31-C	6-1-1866	ALBERT C. BOWERMAN	LAWRENCE & KENNEDY	1.10	55	63-0001
35-A	6-1-1867	RALPH T. KNIGHT & ORA K. TILLER	CANYON COUNTY WATER CO.	1.76	88	63-0277
47-A	4-1-1870	ADOLPH BAHLER	BAHLER	.80	40	63-0279
50-A	1870	(S. G. HARDIES (AMELIA EISLEY	BUBB	1.00	50	63-0282) 63-0283)
59-A	5-1-1875	KARL F. & OTTO W. ROEDEL	INDIAN CREEK	3.20	160	63-0305
66-A	4-1-1878	J. S. KRAUSS	BALLENTYNE	.80	40	63-0265
66-C	4-1-1878	J. W. KOLANDER	BALLENTYNE	1.40	70	63-0289
66-D	4-1-1878	M. T. GRIFFITH	BALLENTYNE	.80	40	63-0264
71-A	4-1-1879	ISLAND HIGH LINE DITCH	ISLAND HIGH LINE DITCH	3.00	150	63-0291
73-A	4-1-1880	GOBLE & 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	5-1-1890	ANNA SPENCER	RIVERSIDE IRRIG. DIST.	.72	36	63-0266
116-B	6-1-1890	WILLIS B. SPENCER	RIVERSIDE IRRIG. DIST.	.10	5	63-0267
116-C	6-1-1890	REBECCA BELL	RIVERSIDE IRRIG. DIST.	.40	20	63-0268
123-A	4-15-1893	OTTO & MARIE MULLER	MIDDLETON MILL DITCH	1.60	80	63-0370
124-A	5-1-1893	W. D. CHARTERS	NEW DRY CREEK	.825	41.25	63-0258
129-A	4-1-1897	H. E. PLAIN	NEW DRY CREEK	.54	27	63-0286
136	5-1-1906	H. E. WIMER	BALLENTYNE	.392	19.6	63-0285
137	5-1-1909	B. P. WEAVERLING	MACE & MACE	1.76	88	63-0253
137-A	4-1-1910	ISLAND HIGH LINE DITCH	ISLAND HIGH LINE DITCH	7.00	350	63-0292
138	6-14-1912	WESLEY A. MACE	MACE & CATLIN	.44	22	63-0361
139	4-1-1915	ISLAND HIGH LINE DITCH CO.	ISLAND HIGH LINE DITCH	10.00	500	63-0293

STEWART AND BRYAN DECREES GROUPED UNDER CANAL HEADINGS

CHART NO. 3

NAME OF CANAL	CHANGE IN P. OF D.	TRANSFER	PRIORITY NO.	DATE	AMOUNT DECREED			INCHES	TOTAL SEC. FT.
					STEWART DECREE	INTERVENORS STEWART DECREE	BRYAN DECREE		
AIKEN			63	6-1-1877	5.20			260	
			73-A	4-1-1880	.10			5	5.30
ANDREWS DITCH			4	6-1-1864	3.30			165	
			29	6-1-1865	6.00			300	
			44	6-1-1869	8.50			425	
			51	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*	15.3521
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*	36.374

*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	INCHES	
BOISE VALLEY LICENSED RIGHT #15242		243	15	6-1-1865	54.58			2729	
				7-19-1921			(1.20)	60	55.78
BOONE DITCH			28	6-1-1865	7.00			350	
			47	6-1-1869	3.50			175	
			59	6-1-1874	2.20			110	12.70
BOWMAN & SWISHER	50		19	6-1-1865	2.88			144	
	51		20	6-1-1865	6.40			320	
	127*		20	6-1-1865	.80*			40*	
	224		89	11-9-1883	.20			45	9.38
			96	10-1-1887	.70				
BUBB (SOUTH BOISE MUTUAL)			107	5-1-1889	.06			3	
			108	5-1-1889	.02			1	
			109	5-1-1889	2.40			120	
			110	5-1-1889	6.00			300	
			111	5-1-1889	2.94			147	
			112	5-1-1889	.05			2.5	
			113	5-1-1889	.10			5	
			114	5-1-1889	.03			1.5	
			8-B	4-1-1865		1.80		90	
			8-D	4-1-1865		.50		25	
			50-A	1870		1.00		50	
			106-A	3-1-1889		.84		42	
				4-1-1905			5.40	270	21.14

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	
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	2.68			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	AMOUNT DECREED				TOTAL SEC. FT.
					STEWART DECREE	INTERVENORS		INCHES	
						STEWART DECREE	BRYAN DECREE		
EUREKA No. 2									
	47		89	11-9-1883	21.70			1085	
	62		96	10-1-1887	29.50			1475	
	71		96	10-1-1887	1.00			50	
	85		24	6-1-1865	.80			40	
			24	6-1-1865	.50			25	
		111*	96	10-1-1887	1.20*			60*	
	131*		89	11-9-1883	.70*			35*	
	159		24	6-1-1865	.10			5	
	175		88	6-1-1883	1.70			85	
	224*		89	11-9-1883	.20*			10*	
			96	10-1-1887	.70*			35*	
	225*		89	11-9-1883	.60*			30*	
	287*		89	11-9-1883	1.40*			70*	
	289*		89	11-9-1883	.50*			25*	50.00
FARMERS UNION									
			126	7-2-1894	110.00			5500	
		136	2	6-1-1864	20.00			1000	
		370	33	6-1-1866	1.124			56.2	
		373	33	6-1-1866	.374			18.7	
		374	65	6-1-1877	.40			20	
		375	65	6-1-1877	.20			10	
		384	65	6-1-1877	.40			20	
		385	65	6-1-1877	.266			13.3	
		386	65	6-1-1877	.40			20	
		387	65	6-1-1877	.40			20	
		391	31	6-1-1864					
			54)	6-1-1871	.15			7.5	
		393	31	6-1-1864					
			54)	6-1-1871	.288			14.4	
			120)	6-1-1891					
		395	65	6-1-1877	.50			25	
		430*	65	6-1-1877	.25*			12.5*	
			65	6-1-1877	.80			40	
	84		1	6-1-1864	1.00			50	
		512	1	6-1-1864	.50			25	
		513	1	6-1-1864	.30			15	
		530		7-2-1894			54.46	2723	
				6-1-1866	.0875			4.375	
		1048	33	6-1-1866	.10			5	
		1059	33	6-1-1866	1.80			90	
		1855	32	6-1-1866					
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 NO.	DATE	AMOUNT DECREED				TOTAL SEC. FT.
					STEWART DECREE	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			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	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. 3

NAME OF CANAL	CHANGE P. OF D.	TRANSFER	PRIORITY		AMOUNT DECREED				TOTAL SEC. FT.
			NO.	DATE	INTERVENORS				
					STEWART DECREE	STEWART DECREE	BRYAN DECREE	INCHES	
MACE CATLIN			5	6-1-1864	2.86			143	
			52	6-1-1871	7.86			393	
	179*		51	6-1-1864	.168*			8.4	
			521	6-1-1871	.072*			3.6	
			138	6-14-1912		.44		22	10.92
MACE & MACE			137	5-1-1909		1.76		88	
		2996	116	6-1-1889		.80		40	2.56
MAMMON			41	6-1-1869	1.80			90	
			68	6-1-1878	4.20			210	
			69	5-1-1878	3.36			168	
			70	5-1-1878	8.80			440	
	176*		70	6-1-1878	8.80*			440*	9.36
MIDDLETON MILL			3	6-1-1864	12.80			640	
			40	6-1-1868	1.40			70	
			54	6-1-1871	33.70			1685	
			120	6-1-1891	17.00			850	
	54		35	6-1-1867	1.11			55.5	
	75*		35	6-1-1867	.50*			25*	
	147*		35	6-1-1867	.20*			10*	
		300*	31	6-1-1864					
			541	6-1-1871	.35*			17.5*	
			1201	6-1-1891					
		301*	31	6-1-1864					
			541	6-1-1871	1.54*			77*	
			1201	6-1-1891					
	347*		3	6-1-1864	.14*			7*	
	349*		3	6-1-1864	.14*			7*	
	350*		3	6-1-1864	.14*			7*	
	391*		31	6-1-1864					
			541	6-1-1871	.15*			7.5*	
	393*		31	6-1-1864					
			541	6-1-1871	.288*			14.4*	
			1201	6-1-1891					
	754		30	5-1-1866	.40			20	
			123-A	5-15-1893		1.60		80	64.562

*SUBTRACT

STEWART AND BRYAN DECREES GROUPED UNDER CANAL HEADINGS

CHART NO. 3

NAME OF CANAL	CHANGE IN P. OF D.	TRANSFER	PRIORITY		AMOUNT DECREED			TOTAL SEC. FT.
			NO.	DATE	INTERVENORS			
					STEWART DECREE	STEWART DECREE	BRYAN DECREE	
MIDDLETON IRRIGATION								
	36		65	6-1-1877	114.08		5704	
	57*		35	6-1-1867	.38		19	
	61		65	6-1-1877	.50*		30*	
	84*		31-B	6-1-1866		.60	30	
	126		65	6-1-1877	.80*		40*	
			31-A	6-1-1866		2.30	115	
		357*	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*	112.7
MISCELLANEOUS								
R. B. BETTY		1009	73-A	4-1-1880		.10	5	.10
CRAWFORTH PUMP	227		114-A	5-1-1889		1.60	80	1.60
BOISE RIVER			80	6-1-1882	1.60		80	1.60
DRAINAGE DISTRICT #4 (MARSTERS DITCH)	83*		85-A	6-1-1882		1.76	88	
			85-A	6-1-1882		.72*	36*	1.04
MANVILLE-LEONARD			32	6-1-1866	3.50		175	
		1855*	32	6-1-1866	1.80*		90*	1.70
MCCURRY PUMP (LICENSED RIGHT #33487)				2-22-1967	(.56)		28	.56
MEEVES			53	6-1-1871	1.80		90	1.80
SURPRISE VALLEY FARMS		1011	30	5-1-1866	3.00		150	3.00
JON WROTEN		3326	12	6-1-1865	2.37		117.5	2.37

* SUBTRACT

STEWART AND BRYAN DECREES GROUPED UNDER CANAL HEADINGS

CHART NO. 3

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

STEWART AND BRYAN DECREES GROUPED UNDER CANAL HEADINGS

CHART NO. 3

NAME OF CANAL	CHANGE IN P. OF D.	TRANSFER	PRIORITY NO.	DATE	AMOUNT DECREED			TOTAL SEC. FT.
					STEWART DECREE	STEWART DECREE	BRYAN DECREE	
NEW YORK			131	3-23-1900	219.10			10955
				3-23-1900			58.86	2943
				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
			114-B	5-1-1889		.80		40
	257							12.76
PENITENTIARY	46		50	6-1-1870	2.24			112
								2.24
PHYLISS			90	6-1-1884	53.10			2655
			117	9-1-1890	200.00			10000
			135	4-1-1904	56.34			2817
				4-1-1905			306.56	15328
				4-1-1908			54.50	2725
		1038	30	5-1-1866	21.715			1086
								692.215

*SUBTRACT

STEWART AND BRYAN DECREES GROUPED UNDER CANAL HEADINGS

CHART NO. 3

NAME OF CANAL	CHANGE IN P. OF D.	TRANSFER	PRIORITY NO.	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*		
				7-9-1914			20.90	1045	58.50	
	RIDENBAUGH (NAMPA & 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*		
			45	6-1-1869	2.00			100		
	35		88	6-1-1883	1.70*			85*	290.374	
	175*									
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 NO.	DATE	AMOUNT DECREED			TOTAL SEC. FT.
					STEWART DECREE	INTERVENORS STEWART DECREE	BRYAN DECREE	
ROSSI MILL			16	6-1-1865	9.20			460
			18	6-1-1865	.80			40
SEBREE (FARMERS CO-OP)			60	6-1-1875	10.00			500
			86	6-1-1883	20.00			1000
			105	7-1-1888	50.00			2500
			129	7-1-1896	83.50			4175
				4-1-1905			154.45	7722
		717	9	6-1-1865	.64			32
								318.59

STEWART AND BRYAN DECREES GROUPED UNDER CANAL HEADINGS

CHART NO. 3

NAME OF CANAL	CHANGE IN P. OF D.	TRANSFER	PRIORITY		AMOUNT DECREED				TOTAL SEC. FT.
			NO.	DATE	INTERVENORS				
					STEWART DECREE	STEWART DECREE	BRYAN DECREE	INCHES	
SETTLERS			92	10-17-1884	99.06			4953	
			122	6-1-1891	73.44			3672	
		347	3	6-1-1864	.14			7	
		349	3	6-1-1864	.14			7	
		350	3	6-1-1864	.14			7	
		357	65	6-1-1877	.20			10	
		412	81	6-1-1882	.40			20	
	76		85-B	4-1-1883		1.00		50	
	83		85-A	6-1-1882		.72		36	
		430	65	6-1-1877	.25			12.5	
		595	1	6-1-1864	.20			10	
		654	30	5-1-1866	.50			25	
					1.00			50	
					.50			25	
		694	30	5-1-1866	.16			8	
					.12			6	
					.14			7	
					.26			13	
		702	30	5-1-1866	.60			30	
		712	30	5-1-1866	.20			10	
					.20			10	
					.50			25	
		720	30	5-1-1866	1.34			67	
		736	37	6-1-1868	1.00			50	
		737	30	5-1-1866	1.10			55	
		739	30	5-1-1866	.15			7.5	
		753	30	5-1-1866	.46			23	
		829	30	5-1-1866	.48			24	
		871	36	6-1-1868	.288			14.4	
		872	36	6-1-1868	.22			11	
		873	30	5-1-1866	.20			10	
		890	30	5-1-1866	.10			5	
		906	30	5-1-1866	.10			5	
		917	30	5-1-1866	.20			10	
		918	30	5-1-1866	.025			1.25	
		940	30	5-1-1866	.05			2.5	
		977	30	5-1-1866	.20			10	
		979	30	5-1-1866	.10			5	
		980	30	5-1-1866	.12			6	
		989	30	5-1-1866	.20			10	
		990	30	5-1-1866	.03			4	
		991	30	5-1-1866	.16			8	
		1711	67	5-1-1878	.40			20	
					.34			27	
			57	6-1-1872	.50			25	
SEVEN SUCKERS	38)		58	6-1-1872	.168			8.4	
	39)		5)	6-1-1864	.072			3.6	
	179		52)	6-1-1871				1.28	

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		
SIEBENBERG			9	6-1-1865	13.42			671	
		105*	9	6-1-1865	.50*			25*	
		717*	9	6-1-1865	.64*			32*	12.2
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

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

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

CHART NO. 4

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%
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	SIEBENBERG	2	13.42	10.07	8.05	52.13	1341.8	1663.1
9	SEBREE	2	.64	.48	.38	52.13	1341.8	1663.1
9	CAMPBELL	2	.50	.38	.30	52.13	1341.8	1663.1
10	THURMAN MILL	1	1.20	.90	.72	52.85	1342.0	1663.4
11	THURMAN MILL	1	.66	.50	.40	53.25	1342.1	1663.5
12	GRAHAM-GILBERT	1	4.40	3.30	2.64	55.89	1342.7	1664.6
13	EUREKA #1	1	33.32	24.99	19.99	75.88	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	.80	.60	.48	122.90	1359.5	1692.5
19	BOWMAN-SWISHER	2	2.88	2.16	1.73	122.90	1359.5	1692.5
20	BOWMAN-SWISHER	2	5.60	4.20	3.36	122.90	1359.5	1692.5
20X	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	UPPER CENTER POINT	2	1.40	1.05	.84	122.90	1359.5	1692.5
24	EUREKA #2	2	3.94	2.96	2.36	122.90	1359.5	1692.5
25	UPPER CENTER POINT	2	1.60	1.20	.96	122.90	1359.5	1692.5
26	UPPER CENTER POINT	2	1.58	1.19	.95	122.90	1359.5	1692.5
27	UPPER CENTER POINT	2	7.00	5.25	4.20	122.90	1359.5	1692.5
28	BOONE	3	6.00	4.50	3.60	122.90	1359.5	1692.5
29	ANDREWS	3	.40	.40	.40	123.30	1359.5	1692.5
30	*MIDDLETON MILL	1	3.00	3.00	3.00	126.20	1359.5	1692.5
30	*MISCELLANEOUS	1	.54	.54	.54	126.84	1359.5	1692.5
30	*NEW DRY CREEK	1						

* 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 DECREE	75% OF DECREE	60% OF DECREE	FLOW TO FILL 60%	FLOW TO FILL 75%	FLOW TO FILL 100%
30	*NEW YORK	1	15.10	15.10	15.10	141.94	1359.5	1692.5
30	*PHYLISS	1	21.72	21.72	21.72	163.66	1359.5	1692.5
30	*SETTLERS	1	9.25	9.25	9.25	172.91	1359.5	1692.5
31	CANYON COUNTY	1	2.60	1.95	1.56	174.47	1359.5	1692.5
31A	MIDDLETON IRRIGATION	1	2.30	1.73	1.38	175.85	1360.2	1693.8
31B	MIDDLETON IRRIGATION	1	.60	.45	.36	176.21	1360.3	1693.9
31C	LITTLE PIONEER	1	1.10	.83	.66	176.87	1360.5	1694.2
32	MISCELLANEOUS	1	1.70	1.28	1.02	177.89	1360.8	1694.6
32	FARMERS UNION	1	1.80	1.35	1.08	178.97	1361.0	1695.1
33	BOISE CITY CANAL	1	36.38	27.29	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	HAAS	3	8.54	6.41	5.12	268.28	1383.3	1732.3
40	MIDDLETON MILL	1	1.40	1.05	.84	269.12	1383.5	1732.6
41	MAMMON	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	1383.8	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	BUBBS	1	1.00	.75	.60	312.01	1394.2	1750.5
51	ANDREWS	3	1.30	.98	.78	312.01	1394.2	1750.5
52	MACE-CATLIN	1	7.79	5.84	4.67	316.58	1395.4	1752.4
52	SEVEN SUCKERS	1	.07	.05	.04	316.72	1395.4	1752.5
53	NEEVES	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 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%
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	.38	.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	1420.3	1793.4
65	BALLENTYNE	1	.60	.45	.36	415.28	1420.1	1793.5
65	FARNEPS UNION	1	3.12	2.34	1.87	417.15	1420.5	1794.3
65	RIDENBAUGH	1	.40	.30	.24	417.39	1420.6	1794.4
65	SETTLERS	1	.45	.34	.27	417.66	1420.6	1794.5
66	PARRAULT & JOHNSON (POWER)	1	200.00	200.00	200.00	417.66	1420.6	1794.5
66A	BALLENTYNE	1	.80	.60	.48	418.14	1420.8	1794.7
66C	BALLENTYNE	1	1.40	1.05	.84	418.98	1421.0	1795.1
66D	BALLENTYNE	1	.80	.60	.48	419.46	1421.1	1795.3
67	RIDENBAUGH	1	169.60	127.20	101.76	521.22	1446.5	1837.7
67	SETTLERS	1	.40	.30	.24	521.46	1446.6	1837.8
68	MAMMON	3	4.20	3.15	2.52	521.46	1446.6	1837.8
69	MAMMON	3	3.36	2.52	2.02	521.46	1446.6	1837.8
70	HAAS	3	8.80	6.60	5.28	521.46	1446.6	1837.8
71	PARMA	3	4.40	3.30	2.64	521.46	1446.6	1837.8
71A	ISLAND HIGH LINE	3	3.00	2.25	1.80	521.46	1446.6	1837.8
72	NEW DRY CREEK	1	31.32	23.49	18.79	540.25	1451.3	1845.6
73	LOWER CENTER POINT	2	4.00	3.00	2.40	540.25	1451.3	1845.6
73A	NEW DRY CREEK	1	.44	.33	.26	540.51	1451.4	1845.7
73A	AIKEN	1	.10	.08	.06	540.57	1451.4	1845.7
73B	BAXTER	3	3.20	2.40	1.92	540.57	1451.4	1845.7
74	PARMA	3	1.76	1.32	1.06	540.57	1451.4	1845.7
74A	NEW DRY CREEK	1	1.82	1.37	1.09	541.66	1451.6	1846.2
75	THURMAN MILL	1	2.40	1.80	1.44	543.10	1452.0	1846.8
76	THURMAN MILL	1	.90	.68	.54	543.64	1452.1	1847.0
77	CALDWELL HIGH LINE	1	27.60	20.70	16.56	560.20	1456.3	1853.9
77A	PARMA	3	1.60	1.20	.96	560.20	1456.3	1853.9
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 DECREED
RIGHTS AND FLOW NECESSARY IN SECOND FEET TO FILL
TO 60% - 75% AND 100%

CHART NO. 4

<u>NO.</u>	<u>CANAL</u>	<u>RIVER SECTION</u>	<u>100% OF DEGREE</u>	<u>75% OF DEGREE</u>	<u>60% OF DEGREE</u>	<u>FLOW TO FILL 60%</u>	<u>FLOW TO FILL 75%</u>	<u>FLOW TO FILL 100%</u>
81	THURMAN MILL	1	2.20	1.65	1.32	563.38	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	602.37	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	2.23	1.80	679.90	1486.2	1903.8
97	NEW DRY CREEK	1	7.86	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
99	BALLENTYNE	1	1.40	1.05	.84	688.64	1488.4	1907.4
100	BALLENTYNE	1	1.46	1.10	.88	689.52	1488.6	1907.8
101	BALLENTYNE	1	1.00	.75	.60	690.12	1488.8	1908.0
102	BALLENTYNE	1	.20	.15	.12	690.24	1488.8	1908.1
102	NEW DRY CREEK	1	.51	.38	.31	690.55	1488.9	1908.2
103	BALLENTYNE	1	.33	.27	.21	691.09	1489.0	1908.4
103	NEW DRY CREEK	1	.90	.68	.54	691.08	1489.0	1908.4
104	ANDREWS	3	50.00	37.50	30.00	691.08	1489.0	1908.4
105	SEBREE	2	361.34	271.46	217.16	908.24	1343.3	1998.9
106	RIDENBAUGH	1	8.90	6.68	5.34	913.58	1544.6	2001.2
106	NEW YORK	1						

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%
106A	BUBB	1	.84	.63	.50	914.08	1544.7	2001.3
107	BUBB	1	.06	.05	.04	914.12	1544.8	2001.4
108	BUBB	1	.02	.02	.01	914.13	1544.8	2001.4
109	BUBB	1	2.40	1.80	1.44	915.57	1545.1	2002.0
110	BUBB	1	6.00	4.50	3.60	919.17	1546.0	2003.5
111	BUBB	1	2.94	2.21	1.76	920.93	1546.5	2004.2
112	BUBB	1	.05	.04	.03	920.96	1546.5	2004.2
113	BUBB	1	.10	.08	.06	921.02	1546.5	2004.2
114	BUBB	1	.03	.02	.02	921.04	1546.5	2004.2
114A	MISCELLANEOUS	3	1.60	1.20	.96	921.04	1546.5	2004.2
114B	PARMA	3	.80	.60	.48	921.04	1546.5	2004.2
115	WARM SPRINGS	1	.06	.05	.04	921.04	1546.5	2004.3
116	WARM SPRINGS	1	1.20	.90	.72	921.80	1546.7	2004.6
116A	RIVERSIDE	2	.72	.54	.43	921.80	1546.7	2004.6
116B	RIVERSIDE	2	.10	.08	.06	921.80	1546.7	2004.6
116C	RIVERSIDE	2	.40	.30	.24	921.80	1546.7	2004.6
117	PHYLISS	1	200.00	150.00	120.00	1041.80	1576.7	2054.6
118	CONWAY-HAMMING	1	2.20	1.65	1.32	1043.12	1577.0	2055.1
119	DAVIS	1	.54	.41	.32	1043.44	1577.1	2055.2
120	MIDDLETON MILL	1	16.44	12.33	9.86	1053.30	1579.6	2059.4
120	FARMERS UNION	1	.08	.06	.05	1053.35	1579.6	2059.4
120	NEW DRY CREEK	1	.48	.36	.29	1053.64	1579.6	2059.5
121	ANDREWS	3	3.50	2.63	2.10	1053.64	1579.6	2059.5
122	SETTLERS	1	73.44	55.08	44.06	1097.70	1590.7	2077.9
123	BALLENTYNE	1	.80	.60	.48	1098.18	1590.8	2078.1
123A	MIDDLETON MILL	1	1.60	1.20	.96	1099.14	1591.0	2078.5
124	RIVERSIDE	3	80.00	60.00	48.00	1099.14	1591.0	2078.5
124A	NEW DRY CREEK	1	.69	.52	.41	1099.55	1591.1	2078.6
124A	BALLENTYNE	1	.14	.11	.08	1099.63	1591.1	2078.7
125	PARMA	3	1.76	1.32	1.06	1099.63	1591.1	2078.7
126	FARMERS UNION	1	110.00	82.50	66.00	1165.63	1607.6	2106.2
127	RIDENBAUGH	1	1.00	.75	.60	1166.23	1607.8	2106.4
128	THURMAN MILL	1	.66	.50	.40	1166.63	1607.9	2106.6
129	SEBREE	2	83.50	62.63	50.10	1166.63	1607.9	2106.6
129A	NEW DRY CREEK	1	.54	.41	.32	1166.95	1608.0	2106.7
130	RIVERSIDE	2	20.00	15.00	12.00	1166.95	1608.0	2106.7
131	NEW YORK	1	219.10	164.33	131.46	1298.41	1640.8	2161.5
132	CAMPBELL	2	10.00	7.50	6.00	1298.41	1640.8	2161.5
133	RIVERSIDE	2	70.00	52.50	42.00	1298.41	1640.8	2161.5
134	CAMPBELL	2	5.54	4.16	3.32	1298.41	1640.8	2161.5
135	PHYLISS	1	56.34	42.26	33.80	1332.21	1649.3	2175.6
136	BALLENTYNE	1	.39	.29	.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	**MC MANUS TEATER	3.36	2.52	2.02	4062	4510	5255	63-0304
1-13-1911	*UNITED STATES OF AMERICA	8000.00	(ARROWROCK STORAGE)				13255	63-0303
4-1-1914	RIVERSIDE IRRIG. DIST.	17.70	13.28	10.62			13273	63-0300
7-9-1914	** PIONEER DIXIE DITCH CO.	20.90	15.68	12.54			13294	63-0374
8-18-1924	UNITED STATES OF AMERICA	300.00	225.00	180.00			13594	63-2388
6-25-1938	UNITED STATES OF AMERICA	15000.00	(ARROWROCK STORAGE)					63-3613
12-9-1940	UNITED STATES OF AMERICA	493161.00	(ANDERSON STORAGE)					63-3614
4-12-1963	UNITED STATES OF AMERICA	307000.00	(LUCKY PEAK STORAGE)					63-3618

**DELIVERED FROM RETURN FLOW AFTER JULY 15

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

CLASSIFICATION OF RIVER

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

Section 1

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

Section 2

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

Section 3

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

DRAINAGE

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

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

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

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

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

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

Drainage District No. 2

	PERCENT OF TOTAL		PERCENT OF TOTAL
FAIRBANKS DRAIN	25.59	CARROLL COUNTY	18.28
WINDY VALLEY	23.27	SHARPSBURG	1.84
NEW CITY CREEK	5.47	JOHN CITY	3.09
NEW LONDON	1.27	CONCORD	1.71
SHARPSBURG CREEK	21.48	LITTLE HICKORY	1.46

THE CROOKED-RIVER DRAINAGE ARE BASED ON A 100-FOOT FIRM OF THE JACOB FIRM.

WINDY VALLEY DRAINAGE, FAIRBANKS, FAIR, GIVES IN OTHER ADDITIONAL TO FAIRBANKS DRAIN.

Drainage District No. 3

	PERCENT OF TOTAL		PERCENT OF TOTAL
WINDY VALLEY DRAINAGE	41.29	WINDY VALLEY	18.28
FAIRBANKS	21.48	SHARPSBURG	1.84
NEW CITY CREEK DRAINAGE	15.27		

THE DRAINAGE DRAINAGE ARE BASED ON A 100-FOOT FIRM OF THE JACOB FIRM.

Drainage District No. 4

WINDY VALLEY	21.48
SHARPSBURG	1.84
NEW CITY CREEK DRAINAGE	15.27

THE DRAINAGE DRAINAGE ARE BASED ON A 100-FOOT FIRM OF THE JACOB FIRM, AND THE DRAINAGE ARE A DRAINAGE DRAINAGE.

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, UN BUISE RIVER

NO. OF CHANGE OF POINT OF DIVERSION	POINT OF DIVERSION FROM	POINT OF DIVERSION TO	DEPT. OF WATER ADMINISTRATION	PRIORITY NO.	DATE	DATE OF CHANGE	QUANTITY IN CFS.	QUANTITY IN INCHES	BY WHOM TRANSFERRED	REMARKS
12	SIEBENBERG	CANYON DITCH	63-0178	9	6-1-1865	4-8-1912	50	25	HENRY MEER	
29	CALDWELL HIGH LINE	CANYON COUNTY	63-0179	46	6-1-1869	8-26-1918	50	50	J. C. HUGHES	
32	DAVIS	DAVIS DITCH	63-0122	119	6-1-1891	7-15-1919	54	27	DAVIS ESTATE	
33	PIONEER DITCH	RIVERSIDE	63-0136	18	9-1-1864	4-3-1919	72	36	REBECCA BELL	
35	PIONEER DITCH	RIVERSIDE	63-0137	45	6-1-1869		128	64		
36	CANYON COUNTY	MIDDLETON WATER	63-0168	35	6-1-1867	4-12-1918	38	19	DRAPER, BODLE, NATT, SURGEON	FLAKE DITCH
36A	CANYON COUNTY	PIONEER DITCH	63-0233	96	10-1-1887	4-19-1909	2.00	100	C. H. ROSENBERGER	
38	HART & DAVIS	SEVEN SUCKERS	63-0186	57	6-1-1872	9-24-1915	1.04	52	SHAFFER, BLAIR, JENKINS, PARROTT	
39	HART & DAVIS	SEVEN SUCKERS	63-0186	57	6-1-1872				GEORGE RAMBO	
47	AMERICAN DITCH	EUREKA NO. 2	63-0233	56	10-1-1887	6-12-1918				
48	AMERICAN DITCH	PIONEER DITCH	63-0233	96	10-1-1887	3-18-1910	29.50	1475	AMERICAN DITCH ASSN.	
50	LOWER CENTER POINT	SONMAN & SWISHER	63-0151	19	6-1-1865	3-31-1910	4.10	210	NANCY & WILLIAM NICHOLS, C.M. COOPER	
51	LOWER CENTER POINT	SONMAN & SWISHER	63-0152	20	6-1-1865	3-31-1920	2.88	144	JOHN SMISHER	
54	CANYON COUNTY	MIDDLETON MILL	63-0168	35	6-1-1867	3-31-1920	6.40	320	BIRD BOWMAN	
57	MIDDLETON WATER	BALLENTINE	63-0198	65	6-1-1877	4-24-1920	1.11	55.5	H. G. DIXLEY	FOOTE & WISEMAN
61	KENNEDY	CANYON COUNTY	63-0163	31	6-1-1866	12-2-1920	50	30	EDWARD MCCLINTOCK	
62	PIONEER DITCH	MIDDLETON WATER	63-0233	96	10-1-1887	3-18-1921	2.50	130	DANIEL M. KENNEDY	
64	BALLENTINE	NEW DRY CREEK	63-0238	102	6-1-1888	6-22-1921	50	30	MINNIE COZENS	
71	UPPER CENTER POINT	EUREKA NO. 2	63-0156	24	6-1-1865	11-14-1910	1.00	50	J. A. CARPENT	
75	MIDDLETON MILL	CANYON COUNTY	63-0168	35	6-1-1867	12-21-1921	20	10	HARRY SEAVEY	
76	THOMAS DRAIN	SETTLERS	63-0257	858	4-1-1883	11-25-1924	50	25	DE THEDE, NORTHWESTERN & PACIFIC HYPOTHECK BANK	
77	BURB	BAHLER	63-0278	184	4-1-1865	3-12-1925	1.00	50	JACOB BINGMAN	
83	MAIN SPRINGS DITCH	SETTLERS	63-0278	184	4-1-1865	4-26-1925	80	40	ADOLPH BAHLER	
84	MIDDLETON WATER	FARMERS UNION	63-0287	854	6-1-1882	4-29-1926	72	36	LEO MARSTERS	
85	UPPER CENTER POINT	EUREKA NO. 2	63-0156	24	6-1-1865	3-9-1926	90	40	J. C. RALPHS	
103	PANNA DITCH	PANNA DITCH	63-0205	74	6-1-1880	3-7-1926	50	25	J. C. BRUCE	NEW DIVERSION POINT
126	LAWRENCE & KENNEDY	MIDDLETON WATER	63-0254	314	6-1-1894	3-25-1931	2.30	115	WILLIAM NUSSER	
127	SONMAN & SWISHER	BAHLER DITCH	63-0152	20	6-1-1865	8-3-1930	80	40	WILLIAM BAHLER	
131	BALLENTINE	LOWER CENTER POINT	63-0233	89	11-9-1883	1-16-1932	70	35	R. E. MCQUIRE	
140	FISCHER POWER	NEW DRY CREEK	63-0260	850	5-1-1883	4-11-1934	200.00	10000	CHARLES H. SCHMELTZER	
141	MIDDLETON MILL	CANYON COUNTY	63-0253	35	6-1-1867	12-18-1934	20	10	FISCHER POWER ONLY	
147	PIONEER DITCH	UPPER CENTER POINT	63-0168	35	6-1-1867	1-4-1936	3.00	150	CORA M. CLIFTON	BELOW FAIRVIEW BRIDGE
148	NEW DRY CREEK	BALLENTINE	63-0233	1244	5-1-1893	4-17-1936	135	6.75	DORA GREER	
151	BAHLER DITCH	RIDENBAUGH	63-0279	474	4-1-1870	2-18-1937	90	40	J. H. CONE	
153	BAHLER DITCH	RIDENBAUGH	63-0249	127	5-1-1893	5-15-1937	1.80	90	ADOLPH BAHLER	
154	BAHLER DITCH	RIDENBAUGH	63-0278	84	4-1-1865	5-15-1937	1.80	90	ADOLPH BAHLER	
157	UPPER CENTER POINT	EUREKA NO. 2	63-0156	24	6-1-1865	3-3-1937	10	5	RAYMOND T. BRESHAUS	
161	BALLENTINE	NEW DRY CREEK	63-0233	103	6-1-1886	3-27-1939	85	32.5	SIDMAN T. BARBER	
162	PIONEER DITCH	EUREKA NO. 2	63-0223	36	10-1-1887	5-5-1940	50	30	D. W. BALDWIN	
171	EUREKA NO. 2	EUREKA NO. 2	63-0223	196	11-9-1883	4-21-1941	21.50	1085	RAYMOND T. BRESHAUS	NEW DIVERSION POINT
			63-0223	196	10-1-1887	2-26-1943	14.75	1475		
			63-0156	24	6-1-1865		1.10	65		

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

NO. OF CHANGE OF POINT OF DIVERSION	POINT OF DIVERSION		DEPT. OF WATER ADMINISTRATION	PRIORITY NO.	DATE	DATE OF CHANGE	QUANTITY IN CFS	QUANTITY IN INCHES	BY WHOM TRANSFERRED	REMARKS
	FROM	TO								
172	UPPER CENTER POINT	UPPER CENTER POINT	63-0155	123	6-1-1865	2-26-1943	12.72	6360	HARRY VAIL	NEW DIVERSION POINT
173	BALENTINE	NEW DPT. COLE	63-0156	124	6-1-1865					
174	REVERSIDE	EUREKA NO. 2	63-0157	125	6-1-1865					
175	HARMON DITCH	HAS DITCH	63-0158	126	6-1-1865					
176	MAZE CATTIN	SAVEN SICKERS	63-0159	127	6-1-1865					
177			63-0233	128	10-1-1887					
178			63-0239	107	6-1-1868	3-28-1944	3.00	150	FRANK M. RAY	
179			63-0222	88	6-1-1883	4-11-1944	.24	12	WILSON BISHOPS	
180			63-0202	70	6-1-1878	4-18-1944	1.70	85	CHARLOTTE D. ALLEN	
181			63-0132	15	6-1-1864	3-31-1945	9.80	440	IDAHO FISH & GAME DEPT.	
182			63-0133	152	6-1-1871		.168	8.4		
183			63-0223	189	11-9-1883	4-3-1954	.072	3.6	J. E. HOUSTON	
184			63-0273	196	10-1-1887		.20	35		
185			63-0276	1144	5-1-1889	12-17-1934	1.60	80	A. C. CRAWFORTH	PUMPED FROM RIVER
186			63-0271	69	11-9-1883	6-30-1938	1.20	60	MARIE ECHENAGLIA & I. N. KESSINGER	(FORMERLY DIVERTED FROM A SLOUGH)
187			63-0271	1148	5-1-1906	12-20-1961	.60	300	J. E. ECKBERG	
188			63-0273	89	11-9-1883	10-10-1962	4.00	200	HARVEY BURNETT	OTDONNELL DITCH WASHED AWAY
189			63-0273	89	11-9-1883	1-18-1966	.80	40	BERT L. TREHAY	
190			63-0165	53	6-1-1871	3-18-1966	1.40	70	JOHN E. ECKBERG	
191			63-0001	310	6-1-1866	6-10-1968	.50	25	EARL GILES	
192			63-0213	80	6-1-1882	9-23-1968	1.80	90	CHARLES LITTLE	
193			63-0199 (1943)	157	5-1-1878	12-7-1970	1.10	55	MILTON SPARKS	
194						7-3-1975	1.60	80	CLEARENCE T. LARSON	PUMPED FROM RIVER
195							.40	20	CECIL A. THOMAS	NEW DIVERSION POINT

TRANSFERS OF DECREE RIGHTS ON BOISE RIVER

NO. OF TRANSFER	POINT OF DIVERSION		DEPT. OF WATER ADMINISTRATION	PRIORITY NO.	DATE OF TRANSFER	QUANTITY IN CFS	QUANTITY IN INCHES	BY WHOM TRANSFERRED	REMARKS
	FROM	TO							
38	AMERICAN DITCH ASSN.	CANYON DITCH	63-0233	96	9-1-1909	12.10	665	WM. M. MESSLER	
46	BARBER LUMBER CO.	PENITENTIARY	63-0184	50	2-4-1910	2.24	112	BARBER LUMBER CO.	
105	STERNBERG	CANYON DITCH	63-0138	9	9-1-1865	.50	25	H. E. NEEK	
111	EMERSON NO. 2	HILLCRIST	63-0233	196	11-25-1912	1.20	60	H. L. RANDALL ET AL	
	PIONEER DITCH	-	63-0136	18	9-1-1864	20.34	1017		
	-	-	63-0137	45	6-1-1869			BOISE FRUIT TRACT CO.	LICENSED RIGHT INDIAN CREEK
136	JACOBS	FARMERS UNION	63-0125	2	6-1-1864	20.00	1000	PIONEER IRRIGATION DISTRICT	
219	PIONEER IRRIGATION DIST. PIONEER IRRIGATION DIST.	NEW DRY CREEK	63-0124	13	7-15-1918	8.64	432	EMMA M. FOWLER	
300	MIDDLETON HILL	NEW DRY CREEK	63-0125	154	4-20-1921	.35	17.5		
301	MIDDLETON HILL	NEW DRY CREEK	63-0124	13	4-20-1921	1.54	77	JOHN F. GROOM	
347	MIDDLETON HILL	SETTLERS	63-0124	3	2-6-1925	.14	7	C. E. WHITE	
344	MIDDLETON HILL	SETTLERS	63-0124	3	2-6-1925	.14	7	FRANK MEASEL	
350	MIDDLETON HILL	SETTLERS	63-0124	3	2-6-1925	.14	7	CARL A. GISH	
353	MIDDLETON WATER	SETTLERS	63-0124	65	3-5-1925	.20	10	NELLIE B. WHITAKER	
370	BOISE CITY	FARMERS UNION	63-0165	33	3-5-1925	1.125	56.2	HENRY M. BARTLETT	
373	BOISE CITY	FARMERS UNION	63-0165	33	3-5-1925	.375	18.7	L. A. RICE	
374	MIDDLETON WATER	FARMERS UNION	63-0198	65	5-6-1926	.40	20	H. D. PARKS	
375	MIDDLETON WATER	FARMERS UNION	63-0198	65	5-6-1926	.20	10	A. G. WING	
384	MIDDLETON WATER	FARMERS UNION	63-0198	65	5-6-1926	.40	20	MARY F. LEACH	
385	MIDDLETON WATER	FARMERS UNION	63-0198	65	7-8-1926	.286	13.3	H. E. MCCOMMELL	
386	MIDDLETON WATER	FARMERS UNION	63-0198	65	7-8-1926	.40	20	H. M. BARTLETT	
387	MIDDLETON WATER	FARMERS UNION	63-0198	65	7-8-1926	.40	20	E. E. SMITH	
391	MIDDLETON HILL	FARMERS UNION	63-0124	13	8-13-1926	.15	7.5	RUSH CHASE	
392	MIDDLETON WATER	RIDGEWAUGH	63-0125	154	8-21-1926	.40	20	FRED EGGERS	
393	MIDDLETON HILL	FARMERS UNION	63-0124	13	9-15-1926	.286	14.4	A. C. BOWENMAN	
395	MIDDLETON WATER	FARMERS UNION	63-0198	65	11-16-1926	.50	25	G. R. MCQUINE	FORMERLY MIDDLETON WATER
412	THURMAN HILL	SETTLERS	63-0214	81	12-3-1927	.40	20	CHAS. P. MACE	
430	FARMERS UNION	SETTLERS	63-0198	65	7-2-1928	.25	12.5	O. E. ALLISON	
466	RIDGEWAUGH	NEW YORK	63-0200	106	7-6-1929	8.90	445	M. M. TULLER	
512	JACOBS CANAL	FARMERS UNION	63-0120	1	5-27-1932	1.00	50	M. SCOTT ANDERSON	
513	JACOBS CANAL	FARMERS UNION	63-0120	1	5-27-1932	.50	25	FARMERS UNION DITCH	
530	JACOBS CANAL	FARMERS UNION	63-0120	1	5-15-1934	.30	15	A. B. WHITNEY	
595	JACOBS CANAL	NAMPA MERIDIAN	63-0120	1	9-9-1936	.20	10	BOISE TRUST CO.	
	-	SETTLERS	63-0120	1	9-9-1936	.20	10		SOMEONE IN FALK
609	RIVERSIDE	PIONEER DITCH	63-0222	86	4-29-1940	1.00	50	M. F. TRACY	
644	RIVERSIDE	PIONEER DITCH	63-0222	86	12-9-1942	.70	35	S. E. SMITH	
654	CONSUMERS	SETTLERS	63-0161	30	10-18-1943	2.00	100	M. M. HOWELL	LAUSON-HAMMING-BUDGE TRACTS
660	RIVERSIDE	PIONEER DITCH	63-0222	86	4-11-1944	.50	30	D. M. BALDWIN	
694	CONSUMERS	SETTLERS	63-0161	30	4-29-1946	.50	34	M. M. HOWELL	EARL-FEWES-STARR-KYLE
701	CONSUMERS	NEW YORK	63-0161	30	3-1-1866	2.00	100	M. M. HOWELL	
702	CONSUMERS	SETTLERS	63-0161	30	12-20-1946	.50	30	M. M. HOWELL	REAR JENSEN (BOISE-RUNA BRIDGE)
712	CONSUMERS	SETTLERS	63-0161	30	3-1-1866	.50	45	M. M. HOWELL	MRS. EDITH CURTIS
713	CONSUMERS	NEW DRY CREEK	63-0161	30	6-14-1947	.34	27	M. M. HOWELL	SIMPSON-DEMOND-SIMPSON
717	STERNBERG	FARMERS CO-OP.	63-0138	9	5-1-1956	.24	37	J. S. REINE	
720	CONSUMERS	SETTLERS	63-0161	30	11-25-1947	1.34	67	M. M. HOWELL	DUTY-ERQUIAGA-DIERHOTT- CALDWELL-STEELE-BOYLANCE

TRANSFERS OF DECREE RIGHTS ON BOISE RIVER

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
736	THURMAN MILL	63-0170	37	6-1-1868	3-9-1949	1.00	50	AIRCRAFT SERVICE CO.	8" HAGER TRACT, 15" KIMBLE TRACT
737	CONSUMERS	63-0161	30	5-1-1866	3-9-1949	1.10	55	M. M. HOWELL	BRINK TRACT
739	SETTLERS	63-0161	30	5-1-1866	4-2-1949	.15	7.5	M. M. HOWELL	
753	SETTLERS	63-0161	30	5-1-1866	4-14-1950	.46	23	J. R. FIELD	
754	CONSUMERS	63-0161	30	5-1-1866	4-14-1950	.40	20	J. R. FIELD	
790	MIDDLETON MILL	63-0136	1	9-1-1864	3-28-1952	21.54	1077	FOREST SONER	
	HILLCREST	63-0137	1	6-1-1869					
		63-0233	1	10-1-1887					
823	CONSUMERS	63-0161	30	5-1-1866	7-13-1954	6.00	300	G. S. TAYLOR	BOISE-KUNA IRRIGATION DIST.
823	CONSUMERS	63-0161	30	5-1-1866	9-3-1954	.48	24	G. S. TAYLOR	10"-GOLDEN KENT, 14"-EDMUND BUCKLEY
871	THURMAN MILL	63-0161	36	6-1-1868	10-2-1956	.288	14.4	J. FRANK BRUCE	
872	SETTLERS	63-0169	36	6-1-1868	10-2-1956	.22	11	GEORGE D. KEYSER, JR.	
873	SETTLERS	63-0161	30	5-1-1866	10-2-1956	.20	10	G. S. TAYLOR	
890	CONSUMERS	63-0161	30	5-1-1866	7-11-1957	.10	5	FRANK H. NEITZEL	
906	CONSUMERS	63-0161	30	5-1-1866	4-9-1958	.10	5	FRANK NEITZEL	
917	SETTLERS	63-0161	30	5-1-1866	12-13-1958	.20	10	FRANCIS H. NEITZEL	
918	SETTLERS	63-0161	30	5-1-1866	12-13-1958	.025	1.25	FRANK NEITZEL	
940	CONSUMERS	63-0161	30	5-1-1866	2-13-1960	.05	2.5	FRANK NEITZEL	
916	CONSUMERS	63-0161	30	5-1-1866	1-17-1962	1.50	75	G. S. TAYLOR	
917	SETTLERS	63-0161	30	5-1-1866	1-17-1962	.20	10	G. S. TAYLOR	
979	SETTLERS	63-0161	30	5-1-1866	2-23-1962	.10	5	G. S. TAYLOR	
980	SETTLERS	63-0161	30	5-1-1866	2-23-1962	.12	6	G. S. TAYLOR	
989	SETTLERS	63-0161	30	5-1-1866	5-29-1962	.80	10	G. S. TAYLOR	
990	SETTLERS	63-0161	30	5-1-1866	7-5-1962	.08	4	G. S. TAYLOR	
991	SETTLERS	63-0161	30	5-1-1866	7-5-1962	.16	8	G. S. TAYLOR	
1007	NEW DRY CREEK	63-0161	30	5-1-1866	4-17-1963	1.00	50	G. S. TAYLOR	
1009	CONSUMERS	63-0280	73	4-1-1880	5-16-1963	.10	5	NEW DRY CREEK	
1010	CONSUMERS	63-0161	30	5-1-1866	6-24-1963	2.00	100	G. S. TAYLOR	
1011	CONSUMERS	63-0161	30	5-1-1866	6-24-1963	3.00	150	G. S. TAYLOR	
1017	CONSUMERS	63-0161	30	5-1-1866	9-28-1963	.60	30	G. S. TAYLOR	
1033	CONSUMERS	63-0161	30	5-1-1866	9-28-1963	2.00	100	G. S. TAYLOR	
1038	CONSUMERS	63-0161	30	5-1-1866	10-28-1964	21.715	1085.75	G. S. TAYLOR	
1048	BOISE CITY	63-0165	33	6-1-1866	5-18-1965	.0875	4.38	BOISE CITY CANAL	
1059	BOISE CITY	63-0165	33	6-1-1866	10-28-1965	.10	5	BOISE CITY CANAL	
1074	MAKES CREEK	63-0161	30	5-1-1866	11-17-1975	2.00	100	CARL NICHOLSON	
1855	MANVILLE & LEONARD	63-0168	32	6-1-1866	8-5-1984	1.80	90.0	SPRINGDA GARDENS	
2796	WASH SPRINGS DITCH	63-0216	116	6-1-1889	8-5-1984	.80	40.0	L.C. MICE	
3226	GRIFFIN GILBERT DITCH	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 1, 1987) 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 1987.

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 21st of April 1987, and continued in varying amounts until the 30th of September 1987. As of the 31st of October 1987, which ends the 1987 irrigation year, there was 95,228 Ac.Ft. left in Anderson Ranch Reservoir, 31,080 Ac.Ft. in Arrowrock Reservoir and 51,435 Ac.Ft. stored in Lucky Peak Reservoir. The total left in storage at the end of the 1987 irrigation year was 177,743 Ac.Ft..

Chart #8 shows the amount of storage that each of the storage holders are entitled to from the three reservoirs and Chart #9 is the 1987 storage account of the various space holders.

The storage for 1987 was figured using a computerized water right and storage accounting program. The appendix shows the preliminary gaging station and reservoir data used in the accounting program. This data is subject to some later revision, but was the best available at the time the program was run.

MISCELLANEOUS

Chart #10 is general information on the number of acres that are under each canal. These acres represent the best available information at this time, due to the age of the information caution should be used in its use.

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		
RIDENBAUGH	15,137	3.62
PIONEER IRRIGATION DISTRICT	25,582	6.12
FARMERS UNION DITCH CO.	5,727	1.37
NEW DRY CREEK DITCH CO.	1,296	.31
SETTLERS IRRIGATION DISTRICT	5,810	1.39
BOISE VALLEY IRRIGATION DITCH CO.	961	.23
SOUTH BOISE MUTUAL IRRIGATION CO.	543	.13
BALLENTYNE DITCH CO.	376	.09
CAPITOL VIEW IRRIGATION DISTRICT	460	.11
PIONEER DITCH COMPANY	2,174	.52
TOTAL	418,000	100.00
POWER	5,200	

359,934

STORAGE WATER ALLOCATIONS FOR LUCKY PEAK RESERVOIR

CHART NO. 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

BOISE RIVER STORAGE ACCOUNTS ENDING 10/31/1987 IN ACRE FEET

Chart 9

Canal Company	Total Available	Total 1987 Storage Used	Balance End of Season	Arrowrock Unused	Anderson Carryover	Lucky Peak Carryover
Ballentyne	1,396	718	678		0	678
Boise City	1,000	184	816			816
Boise Valley	3,372	191	3,181		681	2,500
Boise Water Corp.	1,000	1,000	0			
Bubb (So. Boise Mut.)	1,043	629	415		0	415
Canyon County	6,000	1,305	4,695			4,695
Capital View	760	400	360		60	300
Davis	1,500	531	969			969
Eagle Island Canals	7,650	1459	6,191			6,191
Eureka #1	2,800	303	2,497			2,497
Farmers Union	14,347	15,658	689		0	689
Little Pioneer	2,619	1,017	1,602		1,102	500
Middleton Irr.	6,380	1,495	4,885			4,885
Middleton Mill	4,620	1,083	3,537			3,537
New Dry Creek	4,296	1,159	3,137		137	3,000
New Union	1,400	367	1,033			1,033
New York*	467,366	467,789	35,278		35,278	
Phyllis	62,492	56,026	15,066		0	15,066
Ridenbaugh	46,155	48,079	261		0	261
Rossi Mill	700	0	700			700
Sebree	1,227	592	635	635		
Settlers**	15,673	16,361	1,812		0	1,812
Thurman Mill	800	23	777			777
Lucky Peak Nursery	200	177	23	23		
Id. Dept. of F & G	50,000	6,109	43,891			43,891
Anderson Dam Power	4,200	0	4,200		4,200	
U.S.B.R. Maint. Flow	125,100	116,740	8,360			8,360
Totals	789,396	739,395***	145,688	658	41,458	103,572

* Debit New York Canal's Arrowrock Storage 225 Ac.Ft. and the Anderson Storage 234 Ac.Ft. and credit Settler Irr. Dist. 225 & 234 Ac.Ft.

** Credit Settlers Irr. Dist. 225 Ac.Ft. in Arrowrock Storage and 234 Ac.Ft. in Anderson Storage.

*** The U.S. Bureau of Reclamation, Eagle Island Water Users and the Sebee Canal loaned or sold 95,687 Ac.Ft. from their storage accounts to various other users on the river. This total Storage Used figure is inflated because the transferred water is added twice.

BOISE VALLEY CANALS AND ACREAGE

CHART NO. 10

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	1826 "	MACE & CATLIN	536 "
BOISE PROJECT BOARD OF CONTROL		MACE & MACE	80 "
BIG BEND IRRIG. DIST.....	1724 "	MAMMON	468 "
BOISE-KUNA IRRIG. DIST.....	48,629 "	MCCONNEL ISLAND	1600 "
NAMPA & MERIDIAN IRRIG. DIST.....	40,304 "	MCMAHUS & TEATER	168 "
NEW YORK IRRIG. DIST.....	17,728 "	MIDDLETON MILL	4400 "
WILDER IRRIG. DIST.....	56,535 "	MIDDLETON WATER.....	5180 "
TOTAL - BOARD OF CONTROL.....	164,920 "	MISCELLANEOUS	888 "
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	1800 "	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.

APPENDIX

Drains IN ALPHABETICAL ORDER

Drains

Page

DRAIN DISCHARGES

Long River	A-5
Conway Gulch	A-20
Dale Drain	A-21
Drainage District #3	A-4
Dale Drain	A-4
Rich Hill Drain	A-8
Barley Drain	A-12
Archie Gulch	A-22
Indian Creek	A-23
Long Tooter	A-24
Katon Creek	A-13
North Drain	A-15
North Middleton Drain	A-16
North Middleton Drain	A-17
Star Tooter	A-9
Thames Drain	A-7
Watts Creek	A-11
Watts Creek	A-14

DRAIN IN ALPHABETICAL ORDER

<u>Drains</u>	<u>PAGES</u>
Alford Road	A-2
Conway Gulch	A-20
Crane Drain	A-21
Drainage District 43	A-4
East Drain	A-9
Five Mile Drain	A-8
Haskins Drain	A-10
Hertley Gulch	A-17
Indian Creek	A-10
Long Road	A-10
Maple Creek	A-10
Maple Drain	A-14
North Middleton Drain	A-12
North Middleton Drain	A-12
Star Road	A-3
Thompson Drain	A-1
Ward Road	A-11
Wright Road	A-15

DRAINS
IN ALPHABETICAL ORDER

<u>Drains</u>	<u>Page</u>
Boise Sewer	A-5
Conway Gulch	A-20
Dixie Drain	A-21
Drainage District #3	A-4
Eagle Drain	A-6
Five Mile Drain	A-8
Hartley Drain	A-18
Hartley Gulch	A-17
Indian Creek	A-19
Long Feeder	A-10
Mason Creek	A-15
Mason Drain	A-16
North Middleton Drain	A-12
South Middleton Drain	A-13
Star Feeder	A-9
Thurman Drain	A-7
Watts Check	A-11
Willow Creek	A-14

27-JAN-88

13205617 DRAINAGE DISTRICT #3
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1986 TO OCTOBER 1987
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	---	---	---	---	---	3.0	4.5	7.0	9.0	6.0	7.0	5.0
2	---	---	---	---	---	3.0	4.7	7.0	9.0	6.0	7.0	5.0
3	---	---	---	---	---	3.0	4.8	7.3	9.0	6.0	7.0	5.0
4	---	---	---	---	---	3.0	5.0	7.7	9.0	6.0	7.0	5.0
5	---	---	---	---	---	3.0	5.0	8.0	9.0	6.2	7.0	5.0
6	---	---	---	---	---	3.0	5.0	8.3	9.0	6.3	7.0	5.0
7	---	---	---	---	---	3.1	5.0	8.7	9.0	6.5	7.0	5.0
8	---	---	---	---	---	3.3	5.0	9.0	8.7	6.7	7.0	5.0
9	---	---	---	---	---	3.4	5.0	9.0	8.3	6.8	7.0	5.0
10	---	---	---	---	---	3.6	5.0	9.0	8.0	7.0	7.0	5.0
11	---	---	---	---	---	3.7	5.0	9.0	7.7	7.0	7.0	5.0
12	---	---	---	---	---	3.9	5.0	9.0	7.3	7.2	7.0	5.0
13	---	---	---	---	---	4.0	5.3	9.0	7.0	7.3	7.0	5.0
14	---	---	---	---	---	4.0	5.7	9.0	7.0	7.5	7.0	5.0
15	---	---	---	---	---	4.0	6.0	9.0	7.0	7.7	7.0	5.0
16	---	---	---	---	---	4.0	6.3	9.0	7.0	7.8	7.0	---
17	---	---	---	---	---	4.0	6.7	9.0	7.0	8.0	7.0	---
18	---	---	---	---	---	4.0	7.0	9.0	7.0	8.0	7.0	---
19	---	---	---	---	---	4.0	7.0	9.0	7.0	8.0	7.0	---
20	---	---	---	---	---	4.0	7.0	9.0	7.0	8.0	7.0	---
21	---	---	---	---	---	4.0	7.0	9.0	7.0	8.0	7.0	---
22	---	---	---	---	---	4.0	7.0	9.0	7.0	8.0	7.0	---
23	---	---	---	---	---	4.0	7.0	9.0	6.8	8.0	7.0	---
24	---	---	---	---	---	4.0	7.0	9.0	6.7	8.0	6.7	---
25	---	---	---	---	---	4.0	7.0	9.0	6.5	8.0	6.3	---
26	---	---	---	---	---	4.0	7.0	9.0	6.3	8.0	6.0	---
27	---	---	---	---	---	4.0	7.0	9.0	6.2	7.8	5.7	---
28	---	---	---	---	---	4.0	7.0	9.0	6.0	7.7	5.3	---
29	---	---	---	---	---	4.0	7.0	9.0	6.0	7.5	5.0	---
30	---	---	---	---	---	4.2	7.0	9.0	6.0	7.3	5.0	---
31	---	---	---	---	---	4.3	7.0	9.0	6.0	7.2	5.0	---
TOTAL						---	7.0	---	6.0	7.0	---	---
MEAN						112	187	261	229	225	199	75
MAX						3.7	6.0	8.7	7.4	7.2	6.6	5.0
MIN						4.3	7.0	9.0	9.0	8.0	7.0	5.0
AC-FT						3.0	4.5	7.0	6.0	6.0	5.0	5.0
						221	371	518	453	445	395	149
IRRIGATION YEAR 1987			TOTAL	1287	MEAN	4	AC-FT	2551				

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27-JAN-88

13205642 BOISE SEWER
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1986 TO OCTOBER 1987
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	---	---	---	---	---	25	28	29	25	25	25	24
2	---	---	---	---	---	25	28	29	25	25	25	24
3	---	---	---	---	---	25	28	29	25	25	25	24
4	---	---	---	---	---	25	28	29	25	25	25	24
5	---	---	---	---	---	25	28	29	25	25	25	24
6	---	---	---	---	---	25	28	29	25	25	25	24
7	---	---	---	---	---	25	28	29	25	25	25	24
8	---	---	---	---	---	25	28	29	25	25	25	24
9	---	---	---	---	---	25	28	29	25	25	25	24
10	---	---	---	---	---	25	28	29	25	25	25	24
11	---	---	---	---	---	25	28	29	25	25	25	24
12	---	---	---	---	---	25	28	29	25	25	25	24
13	---	---	---	---	---	25	28	29	25	25	25	24
14	---	---	---	---	---	25	28	29	25	25	25	24
15	---	---	---	---	---	25	28	29	25	25	25	24
16	---	---	---	---	---	25	28	29	25	25	25	24
17	---	---	---	---	---	25	28	29	25	25	25	24
18	---	---	---	---	---	25	28	29	25	25	25	24
19	---	---	---	---	---	25	28	29	25	25	25	24
20	---	---	---	---	---	25	28	29	25	25	25	24
21	---	---	---	---	---	26	28	29	25	25	25	24
22	---	---	---	---	---	26	28	29	25	25	25	24
23	---	---	---	---	---	26	28	29	25	25	25	24
24	---	---	---	---	---	26	28	29	25	25	25	24
25	---	---	---	---	---	26	28	29	25	25	25	24
26	---	---	---	---	---	26	28	29	25	25	25	24
27	---	---	---	---	---	26	28	29	25	25	25	24
28	---	---	---	---	---	26	28	29	25	25	25	24
29	---	---	---	---	---	26	28	29	25	25	25	24
30	---	---	---	---	---	26	28	29	25	25	25	24
31	---	---	---	---	---	26	28	29	25	25	25	24
TOTAL						---	28	---	25	25	---	24
MEAN						763	863	873	775	775	761	750
MAX						25	28	29	25	25	25	24
MIN						26	28	29	25	25	25	24
AC-FT						25	28	29	25	25	25	24
						1513	1712	1732	1537	1536	1509	1488
IRRIGATION YEAR 1987			TOTAL	5560	MEAN	15	AC-FT	11027				

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27-JAN-88

13206400 EAGLE DRAIN
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1986 TO OCTOBER 1987
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	---	---	---	---	---	14	42	53	71	91	94	72
2	---	---	---	---	---	14	44	53	73	89	93	71
3	---	---	---	---	---	15	45	54	76	87	93	70
4	---	---	---	---	---	15	47	55	78	87	92	68
5	---	---	---	---	---	16	47	56	81	86	91	67
6	---	---	---	---	---	16	47	56	83	85	91	67
7	---	---	---	---	---	16	47	57	83	84	90	66
8	---	---	---	---	---	16	47	58	85	82	90	65
9	---	---	---	---	---	16	47	58	87	81	92	65
10	---	---	---	---	---	15	47	57	89	80	94	64
11	---	---	---	---	---	15	47	56	91	80	97	63
12	---	---	---	---	---	15	47	55	93	83	99	62
13	---	---	---	---	---	15	48	54	95	87	101	62
14	---	---	---	---	---	15	49	53	95	90	103	61
15	---	---	---	---	---	15	50	52	95	93	103	60
16	---	---	---	---	---	19	50	52	95	97	101	---
17	---	---	---	---	---	24	51	56	95	100	99	---
18	---	---	---	---	---	28	52	60	95	100	98	---
19	---	---	---	---	---	33	52	65	95	98	96	---
20	---	---	---	---	---	37	53	69	95	95	94	---
21	---	---	---	---	---	37	54	73	95	93	92	---
22	---	---	---	---	---	37	55	77	96	91	92	---
23	---	---	---	---	---	37	55	77	96	88	89	---
24	---	---	---	---	---	37	56	76	97	86	86	---
25	---	---	---	---	---	37	57	74	97	86	84	---
26	---	---	---	---	---	37	57	73	98	87	81	---
27	---	---	---	---	---	37	56	71	98	89	78	---
28	---	---	---	---	---	37	56	70	98	90	75	---
29	---	---	---	---	---	39	55	68	96	91	75	---
30	---	---	---	---	---	40	54	68	94	93	74	---
31	---	---	---	---	---	---	54	---	93	94	---	---
TOTAL						744	1567	1854	2805	2762	2735	983
MEAN						25	51	62	90	89	91	66
MAX						40	57	77	98	100	103	72
MIN						14	42	52	71	80	74	60
AC-FT						1476	3108	3676	5564	5478	5425	1950
IRRIGATION YEAR 1987			TOTAL	13450	MEAN	37	AC-FT	26678				

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27-JAN-88

13209450 THURMAN DRAIN
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1986 TO OCTOBER 1987
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	---	---	---	---	---	11	17	27	20	24	20	18
2	---	---	---	---	---	11	17	27	19	23	21	18
3	---	---	---	---	---	11	17	25	19	22	22	17
4	---	---	---	---	---	11	17	23	19	22	23	17
5	---	---	---	---	---	11	17	21	18	22	24	17
6	---	---	---	---	---	11	17	19	18	22	25	17
7	---	---	---	---	---	12	17	17	18	22	26	17
8	---	---	---	---	---	12	17	15	19	22	26	16
9	---	---	---	---	---	12	17	15	20	22	25	16
10	---	---	---	---	---	12	17	15	21	22	24	16
11	---	---	---	---	---	13	17	15	22	22	23	15
12	---	---	---	---	---	13	17	15	24	23	21	15
13	---	---	---	---	---	13	18	14	25	23	20	15
14	---	---	---	---	---	13	19	14	25	24	19	14
15	---	---	---	---	---	13	20	14	25	25	19	14
16	---	---	---	---	---	14	20	14	24	25	19	---
17	---	---	---	---	---	14	21	14	24	26	20	---
18	---	---	---	---	---	14	22	14	24	24	20	---
19	---	---	---	---	---	15	22	14	23	26	20	---
20	---	---	---	---	---	15	23	14	23	26	21	---
21	---	---	---	---	---	15	23	14	23	25	21	---
22	---	---	---	---	---	15	24	14	24	25	21	---
23	---	---	---	---	---	16	24	14	24	24	21	---
24	---	---	---	---	---	16	25	15	25	24	20	---
25	---	---	---	---	---	16	25	16	26	24	20	---
26	---	---	---	---	---	17	---	17	26	23	19	---
27	---	---	---	---	---	17	25	18	27	23	19	---
28	---	---	---	---	---	17	25	19	27	22	18	---
29	---	---	---	---	---	17	26	20	26	21	18	---
30	---	---	---	---	---	17	26	20	25	21	18	---
31	---	---	---	---	---	---	27	---	25	20	18	---
TOTAL						413	617	513	708	719	631	242
MEAN						14	21	17	23	23	21	16
MAX						17	27	27	27	26	26	18
MIN						11	17	14	18	20	18	14
AC-FT						820	1224	1017	1405	1426	1251	479
IRRIGATION YEAR 1987			TOTAL	3842	MEAN	11	AC-FT	7621				

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27-JAN-88

13210810 FIVEMILE CREEK
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1986 TO OCTOBER 1987
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	---	---	---	---	---	47	92	215	130	112	99	69
2	---	---	---	---	---	48	100	219	133	115	99	70
3	---	---	---	---	---	49	108	219	135	118	101	70
4	---	---	---	---	---	50	117	205	138	121	103	70
5	---	---	---	---	---	50	125	192	141	121	105	71
6	---	---	---	---	---	51	125	178	143	120	106	71
7	---	---	---	---	---	52	126	164	146	119	108	71
8	---	---	---	---	---	53	127	151	146	118	110	71
9	---	---	---	---	---	54	128	137	145	117	110	71
10	---	---	---	---	---	55	128	137	144	116	104	70
11	---	---	---	---	---	55	129	138	144	115	98	70
12	---	---	---	---	---	56	130	138	143	115	93	70
13	---	---	---	---	---	57	130	139	142	113	87	70
14	---	---	---	---	---	57	135	140	141	112	81	69
15	---	---	---	---	---	59	140	140	141	110	75	69
16	---	---	---	---	---	61	146	141	142	108	75	---
17	---	---	---	---	---	63	151	141	142	107	76	---
18	---	---	---	---	---	66	156	138	143	105	78	---
19	---	---	---	---	---	68	161	136	143	105	79	---
20	---	---	---	---	---	70	161	133	144	103	80	---
21	---	---	---	---	---	72	166	130	144	101	82	---
22	---	---	---	---	---	72	172	128	144	99	83	---
23	---	---	---	---	---	73	177	125	137	96	83	---
24	---	---	---	---	---	73	182	125	130	94	81	---
25	---	---	---	---	---	74	188	126	124	92	78	---
26	---	---	---	---	---	74	193	127	117	92	76	---
27	---	---	---	---	---	75	193	128	110	93	74	---
28	---	---	---	---	---	75	197	128	103	94	71	---
29	---	---	---	---	---	75	202	129	103	96	69	---
30	---	---	---	---	---	83	206	130	106	97	69	---
31	---	---	---	---	---	---	210	---	109	98	---	---
TOTAL						1865	4700	4476	4151	3321	2632	1051
MEAN						62	152	149	134	107	88	70
MAX						83	210	219	146	121	110	71
MIN						47	92	125	103	92	69	69
AC-FT						3699	9322	8879	8233	6587	5221	2085
IRRIGATION YEAR 1987			TOTAL	22196	MEAN	61	AC-FT	44025				

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27-JAN-88

13210824 NORTH MIDDLETON DRAIN
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1986 TO OCTOBER 1987
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	---	---	---	---	---	21	50	67	47	41	35	34
2	---	---	---	---	---	21	50	67	50	40	35	33
3	---	---	---	---	---	20	49	67	52	39	34	33
4	---	---	---	---	---	20	48	65	55	38	34	32
5	---	---	---	---	---	19	47	62	58	38	33	31
6	---	---	---	---	---	19	47	60	60	37	32	30
7	---	---	---	---	---	18	48	57	63	36	32	30
8	---	---	---	---	---	19	48	55	63	35	31	30
9	---	---	---	---	---	20	49	52	60	34	31	29
10	---	---	---	---	---	21	50	52	57	33	30	29
11	---	---	---	---	---	23	50	52	54	32	28	29
12	---	---	---	---	---	24	51	51	51	32	27	28
13	---	---	---	---	---	25	51	51	48	34	25	28
14	---	---	---	---	---	26	52	51	45	37	24	27
15	---	---	---	---	---	26	53	50	45	39	22	27
16	---	---	---	---	---	27	54	50	46	41	22	---
17	---	---	---	---	---	27	54	50	46	44	22	---
18	---	---	---	---	---	28	55	53	47	46	22	---
19	---	---	---	---	---	28	56	56	48	46	22	---
20	---	---	---	---	---	29	56	59	48	46	22	---
21	---	---	---	---	---	29	57	61	49	46	22	---
22	---	---	---	---	---	29	59	64	49	46	22	---
23	---	---	---	---	---	33	60	67	48	45	22	---
24	---	---	---	---	---	37	61	67	47	45	24	---
25	---	---	---	---	---	41	63	64	46	45	26	---
26	---	---	---	---	---	44	64	60	45	45	29	---
27	---	---	---	---	---	48	64	57	44	43	31	---
28	---	---	---	---	---	52	65	54	43	42	33	---
29	---	---	---	---	---	52	65	50	43	40	35	---
30	---	---	---	---	---	51	66	47	42	38	35	---
31	---	---	---	---	---	---	66	---	41	37	---	---
TOTAL						874	1706	1716	1541	1239	840	449
MEAN						29	55	57	50	40	28	30
MAX						52	66	67	63	46	35	34
MIN						18	47	47	41	32	22	27
AC-FT						1733	3383	3403	3056	2457	1666	891
IRRIGATION YEAR 1987			TOTAL	8363	MEAN	23	AC-FT	16588				

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27-JAN-88

13210826 STAR FEEDER
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1986 TO OCTOBER 1987
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	---	---	---	---	---	19	69	86	70	70	75	61
2	---	---	---	---	---	20	73	86	71	70	75	60
3	---	---	---	---	---	20	76	86	72	70	74	59
4	---	---	---	---	---	21	79	84	73	70	73	57
5	---	---	---	---	---	21	82	83	74	70	73	56
6	---	---	---	---	---	22	82	81	75	70	72	55
7	---	---	---	---	---	22	82	79	76	70	71	55
8	---	---	---	---	---	22	82	78	76	70	70	55
9	---	---	---	---	---	22	82	76	76	70	70	55
10	---	---	---	---	---	22	82	76	76	70	70	55
11	---	---	---	---	---	23	82	75	76	70	70	55
12	---	---	---	---	---	23	82	74	76	70	70	55
13	---	---	---	---	---	23	82	73	76	70	70	55
14	---	---	---	---	---	23	80	72	76	75	70	55
15	---	---	---	---	---	23	78	71	76	78	70	55
16	---	---	---	---	---	24	76	70	75	81	70	---
17	---	---	---	---	---	25	74	70	74	83	70	---
18	---	---	---	---	---	26	72	70	73	86	70	---
19	---	---	---	---	---	27	70	70	72	86	70	---
20	---	---	---	---	---	28	70	70	71	84	70	---
21	---	---	---	---	---	29	73	70	70	82	70	---
22	---	---	---	---	---	29	75	70	70	81	70	---
23	---	---	---	---	---	35	78	70	70	79	70	---
24	---	---	---	---	---	40	81	70	70	77	69	---
25	---	---	---	---	---	46	83	70	70	75	67	---
26	---	---	---	---	---	52	86	70	70	75	66	---
27	---	---	---	---	---	57	86	70	70	75	65	---
28	---	---	---	---	---	63	86	70	70	75	63	---
29	---	---	---	---	---	63	86	70	70	75	62	---
30	---	---	---	---	---	66	86	70	70	75	62	---
31	---	---	---	---	---	---	86	---	70	75	62	---
TOTAL						935	2460	2230	2254	2330	2087	843
MEAN						31	79	74	73	75	70	56
MAX						66	86	86	76	86	75	61
MIN						19	69	70	70	70	62	55
AC-FT						1854	4880	4423	4471	4621	4139	1671
IRRIGATION YEAR 1987			TOTAL	13138	MEAN	36	AC-FT	26058				

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27-JAN-88

13210828 LONG FEEDER
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1986 TO OCTOBER 1987
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	---	---	---	---	---	3.0	10	16	12	11	12	12
2	---	---	---	---	---	3.0	10	15	12	11	12	12
3	---	---	---	---	---	3.0	10	15	12	12	13	12
4	---	---	---	---	---	3.0	10	15	12	12	13	12
5	---	---	---	---	---	3.0	10	15	12	12	13	12
6	---	---	---	---	---	3.0	10	15	12	12	14	12
7	---	---	---	---	---	3.0	10	15	12	12	14	12
8	---	---	---	---	---	3.0	10	15	12	12	15	12
9	---	---	---	---	---	3.0	10	15	12	12	15	12
10	---	---	---	---	---	3.0	10	15	12	12	15	12
11	---	---	---	---	---	3.0	10	15	12	12	15	12
12	---	---	---	---	---	3.0	10	15	12	12	15	12
13	---	---	---	---	---	3.0	10	15	12	12	15	12
14	---	---	---	---	---	3.0	10	15	12	13	15	12
15	---	---	---	---	---	3.0	10	15	12	13	15	12
16	---	---	---	---	---	3.0	11	15	12	14	15	12
17	---	---	---	---	---	3.2	11	15	12	14	15	---
18	---	---	---	---	---	3.3	11	15	12	15	15	---
19	---	---	---	---	---	3.5	12	15	12	15	15	---
20	---	---	---	---	---	3.7	12	15	12	15	15	---
21	---	---	---	---	---	3.8	12	15	12	15	15	---
22	---	---	---	---	---	4.0	13	15	12	15	15	---
23	---	---	---	---	---	10	15	15	12	15	15	---
24	---	---	---	---	---	10	16	15	12	15	15	---
25	---	---	---	---	---	10	17	15	11	15	15	---
26	---	---	---	---	---	10	19	15	11	15	14	---
27	---	---	---	---	---	10	20	14	11	15	14	---
28	---	---	---	---	---	10	20	14	10	15	13	---
29	---	---	---	---	---	10	19	13	10	14	13	---
30	---	---	---	---	---	10	18	13	10	14	12	---
31	---	---	---	---	---	10	18	12	10	13	12	---
TOTAL						---	17	---	11	13	---	---
MEAN						157	401	440	360	412	423	180
MAX						5.2	13	15	12	13	14	12
MIN						10	20	16	12	15	15	12
AC-FT						3.0	10	12	10	11	12	12
						310	795	873	714	817	839	357
IRRIGATION YEAR 1987			TOTAL	2373	MEAN	7	AC-FT	4705				

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27-JAN-88

13210829 WATTS CHECK
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1986 TO OCTOBER 1987
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	---	---	---	---	---	0.0	21	25	18	20	15	18
2	---	---	---	---	---	0.0	21	25	18	20	15	18
3	---	---	---	---	---	0.0	21	25	18	20	16	18
4	---	---	---	---	---	0.0	21	24	18	20	17	18
5	---	---	---	---	---	0.0	21	23	18	20	18	18
6	---	---	---	---	---	0.0	21	22	18	20	18	18
7	---	---	---	---	---	0.0	21	20	18	19	19	18
8	---	---	---	---	---	0.0	21	19	18	19	20	18
9	---	---	---	---	---	0.0	21	18	18	19	20	18
10	---	---	---	---	---	0.0	21	18	18	18	20	18
11	---	---	---	---	---	0.0	21	18	18	18	20	18
12	---	---	---	---	---	0.0	21	18	18	18	20	18
13	---	---	---	---	---	0.0	21	18	18	18	20	18
14	---	---	---	---	---	0.0	21	18	18	18	20	18
15	---	---	---	---	---	0.0	21	18	18	18	20	18
16	---	---	---	---	---	0.0	20	18	18	18	20	18
17	---	---	---	---	---	0.0	20	18	18	18	20	18
18	---	---	---	---	---	0.0	19	18	18	18	20	---
19	---	---	---	---	---	0.0	19	18	18	18	20	---
20	---	---	---	---	---	0.0	18	18	18	18	20	---
21	---	---	---	---	---	0.0	18	18	18	18	20	---
22	---	---	---	---	---	0.0	19	18	18	18	20	---
23	---	---	---	---	---	0.0	20	18	18	18	20	---
24	---	---	---	---	---	3.5	22	18	18	18	20	---
25	---	---	---	---	---	7.0	23	18	18	18	20	---
26	---	---	---	---	---	11	24	18	19	18	20	---
27	---	---	---	---	---	14	25	18	19	18	19	---
28	---	---	---	---	---	18	25	18	19	18	19	---
29	---	---	---	---	---	21	25	18	20	18	19	---
30	---	---	---	---	---	21	25	18	20	17	18	---
31	---	---	---	---	---	21	25	18	20	17	18	---
TOTAL						---	25	---	20	16	18	---
MEAN						116	664	579	571	566	569	270
MAX						3.8	21	19	18	18	19	18
MIN						21	25	25	20	20	20	18
AC-FT						0.0	18	18	18	16	15	18
						229	1317	1147	1133	1122	1128	536
IRRIGATION YEAR 1987			TOTAL	3333	MEAN	9	AC-FT	6611				

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27-JAN-88

13210831 SOUTH MIDDLETON DRAIN
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1986 TO OCTOBER 1987
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	---	---	---	---	---	27	92	201	98	121	100	80
2	---	---	---	---	---	28	103	204	103	120	100	80
3	---	---	---	---	---	28	114	204	109	119	103	80
4	---	---	---	---	---	29	126	191	114	118	105	80
5	---	---	---	---	---	30	137	178	119	118	108	80
6	---	---	---	---	---	30	137	166	125	117	110	80
7	---	---	---	---	---	31	138	153	130	115	113	80
8	---	---	---	---	---	31	139	140	130	114	115	80
9	---	---	---	---	---	32	140	127	132	113	115	79
10	---	---	---	---	---	32	140	127	134	111	113	79
11	---	---	---	---	---	32	141	124	137	110	110	79
12	---	---	---	---	---	32	142	120	139	110	108	78
13	---	---	---	---	---	33	142	117	141	112	105	78
14	---	---	---	---	---	33	142	113	143	113	103	77
15	---	---	---	---	---	33	143	110	143	115	100	77
16	---	---	---	---	---	34	143	106	144	117	100	---
17	---	---	---	---	---	34	143	106	145	118	100	---
18	---	---	---	---	---	35	144	105	147	120	100	---
19	---	---	---	---	---	35	144	103	148	120	100	---
20	---	---	---	---	---	36	144	102	149	117	100	---
21	---	---	---	---	---	36	151	101	150	113	100	---
22	---	---	---	---	---	36	157	99	150	110	100	---
23	---	---	---	---	---	42	164	98	146	107	100	---
24	---	---	---	---	---	47	170	98	141	103	97	---
25	---	---	---	---	---	53	177	98	137	100	93	---
26	---	---	---	---	---	58	183	98	133	100	90	---
27	---	---	---	---	---	64	183	98	128	100	87	---
28	---	---	---	---	---	69	187	98	124	100	83	---
29	---	---	---	---	---	69	190	98	124	100	80	---
30	---	---	---	---	---	80	194	98	123	100	80	---
31	---	---	---	---	---	---	197	---	122	100	80	---
TOTAL						1186	4644	3779	4107	3451	3015	1187
MEAN						40	150	126	132	111	101	79
MAX						80	197	204	150	121	115	80
MIN						27	92	98	98	100	80	77
AC-FT						2353	9211	7495	8146	6845	5980	2354
IRRIGATION YEAR 1987						TOTAL	21368	MEAN	59	AC-FT	42383	

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27-JAN-88

13210835 WILLOW CREEK
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1986 TO OCTOBER 1987
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	---	---	---	---	---	12	39	67	35	18	33	25
2	---	---	---	---	---	13	38	65	32	18	33	27
3	---	---	---	---	---	13	37	65	30	19	34	29
4	---	---	---	---	---	14	37	61	27	19	35	30
5	---	---	---	---	---	15	36	56	24	19	36	32
6	---	---	---	---	---	15	36	52	22	19	37	34
7	---	---	---	---	---	16	37	47	19	20	38	34
8	---	---	---	---	---	17	38	43	19	20	39	34
9	---	---	---	---	---	19	40	38	21	20	39	33
10	---	---	---	---	---	20	41	38	23	21	38	33
11	---	---	---	---	---	22	42	40	25	21	38	32
12	---	---	---	---	---	23	43	42	26	21	37	32
13	---	---	---	---	---	25	43	44	28	24	36	31
14	---	---	---	---	---	26	47	45	30	27	36	31
15	---	---	---	---	---	26	51	47	30	30	35	30
16	---	---	---	---	---	28	56	49	29	33	35	---
17	---	---	---	---	---	29	60	49	28	36	34	---
18	---	---	---	---	---	31	64	47	28	39	34	---
19	---	---	---	---	---	33	68	45	27	39	33	---
20	---	---	---	---	---	34	68	44	26	38	32	---
21	---	---	---	---	---	36	70	42	25	36	32	---
22	---	---	---	---	---	36	71	40	17	35	31	---
23	---	---	---	---	---	37	73	38	17	33	31	---
24	---	---	---	---	---	37	74	38	17	32	30	---
25	---	---	---	---	---	38	76	38	17	30	28	---
26	---	---	---	---	---	39	77	37	17	30	27	---
27	---	---	---	---	---	39	77	37	17	31	26	---
28	---	---	---	---	---	40	75	36	17	31	24	---
29	---	---	---	---	---	40	73	36	17	32	23	---
30	---	---	---	---	---	40	71	35	17	32	23	---
31	---	---	---	---	---	39	69	---	18	33	---	---
TOTAL						812	1724	1357	724	853	987	465
MEAN						27	56	45	23	28	33	31
MAX						40	77	67	35	39	39	34
MIN						12	36	35	17	18	23	25
AC-FT						1611	3420	2692	1436	1692	1958	921
IRRIGATION YEAR 1987			TOTAL	6922	MEAN	19	AC-FT	13729				

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27-JAN-88

13210849 MASON CREEK
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1986 TO OCTOBER 1987
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	---	---	---	---	---	5.0	17	34	31	36	22	11
2	---	---	---	---	---	5.0	17	35	31	35	22	11
3	---	---	---	---	---	5.0	17	35	32	35	23	12
4	---	---	---	---	---	5.0	17	36	32	34	23	12
5	---	---	---	---	---	5.0	17	37	32	34	24	12
6	---	---	---	---	---	5.0	17	38	33	33	25	12
7	---	---	---	---	---	5.0	17	39	33	32	25	12
8	---	---	---	---	---	5.3	17	40	33	31	26	13
9	---	---	---	---	---	5.7	17	41	34	29	26	13
10	---	---	---	---	---	6.0	16	41	34	28	25	14
11	---	---	---	---	---	6.3	16	40	35	27	24	14
12	---	---	---	---	---	6.7	16	39	35	27	23	15
13	---	---	---	---	---	7.0	16	39	36	27	22	15
14	---	---	---	---	---	7.0	17	38	36	27	21	16
15	---	---	---	---	---	7.4	18	37	36	27	20	16
16	---	---	---	---	---	7.9	19	36	36	27	20	---
17	---	---	---	---	---	8.3	20	36	36	27	20	---
18	---	---	---	---	---	8.7	21	37	36	27	19	---
19	---	---	---	---	---	9.1	22	38	36	27	19	---
20	---	---	---	---	---	9.6	22	39	36	27	19	---
21	---	---	---	---	---	10	24	40	36	26	18	---
22	---	---	---	---	---	10	25	41	36	26	18	---
23	---	---	---	---	---	11	27	42	36	25	18	---
24	---	---	---	---	---	12	28	42	37	25	17	---
25	---	---	---	---	---	14	30	40	37	24	16	---
26	---	---	---	---	---	15	31	38	37	24	15	---
27	---	---	---	---	---	16	31	37	38	24	13	---
28	---	---	---	---	---	17	32	35	38	23	12	---
29	---	---	---	---	---	17	32	33	38	23	11	---
30	---	---	---	---	---	17	33	31	37	23	11	---
31	---	---	---	---	---	---	34	---	37	22	---	---
TOTAL						269	681	1133	1089	860	597	196
MEAN						8.9	22	38	35	28	20	13
MAX						17	34	42	38	36	26	16
MIN						5.0	16	31	31	22	11	11
AC-FT						533	1350	2248	2159	1706	1183	388
IRRIGATION YEAR 1987			TOTAL	4823	MEAN	13	AC-FT	9566				

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27-JAN-88

13210980 MASON DRAIN
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1986 TO OCTOBER 1987
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	---	---	---	---	---	42	102	263	149	162	176	103
2	---	---	---	---	---	42	115	267	151	160	176	101
3	---	---	---	---	---	43	128	267	153	159	179	100
4	---	---	---	---	---	43	142	255	156	157	181	98
5	---	---	---	---	---	43	155	243	158	157	184	97
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	44	155	231	160	154	186	95
8	---	---	---	---	---	44	156	218	162	151	189	95
9	---	---	---	---	---	46	157	206	162	148	191	94
10	---	---	---	---	---	49	158	194	158	145	191	94
11	---	---	---	---	---	51	158	194	153	142	188	93
12	---	---	---	---	---	53	159	194	149	139	184	93
13	---	---	---	---	---	55	160	194	144	139	181	92
14	---	---	---	---	---	58	160	194	140	146	178	91
15	---	---	---	---	---	60	165	194	135	152	174	91
16	---	---	---	---	---	60	169	194	135	159	171	90
17	---	---	---	---	---	61	174	194	136	165	171	---
18	---	---	---	---	---	62	179	194	137	172	170	---
19	---	---	---	---	---	64	183	190	139	178	169	---
20	---	---	---	---	---	65	188	185	140	178	168	---
21	---	---	---	---	---	66	188	181	141	177	167	---
22	---	---	---	---	---	67	197	176	142	175	166	---
23	---	---	---	---	---	67	206	172	142	174	165	---
24	---	---	---	---	---	68	215	167	146	173	165	---
25	---	---	---	---	---	70	223	167	150	171	155	---
26	---	---	---	---	---	71	232	164	155	170	145	---
27	---	---	---	---	---	72	241	161	159	170	135	---
28	---	---	---	---	---	74	241	158	163	171	124	---
29	---	---	---	---	---	75	245	155	167	172	114	---
30	---	---	---	---	---	75	250	152	167	173	104	---
31	---	---	---	---	---	88	254	149	165	174	104	---
TOTAL						---	258	---	164	175	---	---
MEAN						1778	5712	5871	4675	5037	4949	1425
MAX						59	184	196	151	162	165	95
MIN						88	258	267	167	178	191	103
AC-FT						42	102	149	135	139	104	90
IRRIGATION YEAR 1987						3526	11330	11645	9273	9990	9816	2827
TOTAL						29446	MEAN	81	AC-FT	58406		

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27-JAN-88

13210986 HARTLEY GULCH
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1986 TO OCTOBER 1987
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	---	---	---	---	---	3.0	32	48	20	23	30	25
2	---	---	---	---	---	3.7	33	49	20	22	30	25
3	---	---	---	---	---	4.3	34	49	21	22	30	25
4	---	---	---	---	---	5.0	35	46	21	21	29	25
5	---	---	---	---	---	5.7	36	43	21	21	29	25
6	---	---	---	---	---	6.3	36	40	22	21	29	25
7	---	---	---	---	---	7.0	36	36	22	21	28	25
8	---	---	---	---	---	7.4	37	33	22	21	28	25
9	---	---	---	---	---	7.9	37	30	24	20	28	25
10	---	---	---	---	---	8.3	37	30	25	20	28	25
11	---	---	---	---	---	8.7	38	29	27	20	28	24
12	---	---	---	---	---	9.1	38	27	29	20	28	24
13	---	---	---	---	---	9.6	38	26	30	21	28	24
14	---	---	---	---	---	10	39	25	32	21	28	24
15	---	---	---	---	---	10	39	23	32	22	28	23
16	---	---	---	---	---	12	40	22	33	23	28	---
17	---	---	---	---	---	14	40	22	34	23	28	---
18	---	---	---	---	---	16	41	22	35	24	28	---
19	---	---	---	---	---	18	41	22	35	24	28	---
20	---	---	---	---	---	20	41	22	36	24	28	---
21	---	---	---	---	---	22	42	22	37	23	28	---
22	---	---	---	---	---	27	42	22	37	23	28	---
23	---	---	---	---	---	28	43	22	35	23	28	---
24	---	---	---	---	---	28	44	22	33	22	28	---
25	---	---	---	---	---	29	44	22	31	22	27	---
26	---	---	---	---	---	29	45	21	28	22	27	---
27	---	---	---	---	---	30	45	21	26	23	26	---
28	---	---	---	---	---	30	46	21	24	25	26	---
29	---	---	---	---	---	30	46	20	24	26	25	---
30	---	---	---	---	---	31	47	20	24	27	25	---
31	---	---	---	---	---	---	48	---	23	29	---	---
TOTAL						469	1238	857	862	698	836	366
MEAN						16	40	29	28	23	28	24
MAX						31	48	49	37	29	30	25
MIN						3.0	32	20	20	20	25	23
AC-FT						929	2456	1699	1709	1383	1657	726
IRRIGATION YEAR 1987			TOTAL	5324	MEAN	15	AC-FT	10560				

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27-JAN-88

13210988 HARTLEY DRAIN
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1986 TO OCTOBER 1987
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	---	---	---	---	---	7.0	39	59	46	48	39	38
2	---	---	---	---	---	7.2	40	58	48	47	39	36
3	---	---	---	---	---	7.3	41	58	51	47	40	35
4	---	---	---	---	---	7.5	41	59	53	46	41	34
5	---	---	---	---	---	7.7	42	60	56	46	42	32
6	---	---	---	---	---	7.8	42	62	58	46	42	31
7	---	---	---	---	---	8.0	42	63	61	46	43	31
8	---	---	---	---	---	8.4	43	64	61	46	44	31
9	---	---	---	---	---	8.9	43	65	61	46	44	31
10	---	---	---	---	---	9.3	43	65	60	46	44	31
11	---	---	---	---	---	9.7	44	64	60	46	44	31
12	---	---	---	---	---	10	44	63	60	46	44	31
13	---	---	---	---	---	11	44	62	59	46	44	30
14	---	---	---	---	---	11	47	60	59	47	44	30
15	---	---	---	---	---	11	49	59	59	47	44	30
16	---	---	---	---	---	11	52	58	59	48	44	30
17	---	---	---	---	---	12	54	58	59	49	44	---
18	---	---	---	---	---	12	57	56	59	49	43	---
19	---	---	---	---	---	12	59	54	59	50	42	---
20	---	---	---	---	---	13	59	52	59	50	42	---
21	---	---	---	---	---	13	59	49	59	49	41	---
22	---	---	---	---	---	13	60	47	59	48	40	---
23	---	---	---	---	---	17	60	45	57	47	39	---
24	---	---	---	---	---	21	60	45	56	45	39	---
25	---	---	---	---	---	26	61	45	54	44	39	---
26	---	---	---	---	---	30	61	44	52	43	39	---
27	---	---	---	---	---	34	61	44	51	42	39	---
28	---	---	---	---	---	38	61	44	49	42	39	---
29	---	---	---	---	---	38	60	43	49	41	39	---
30	---	---	---	---	---	39	60	43	49	40	39	---
31	---	---	---	---	---	---	59	---	48	40	39	---
TOTAL						460	1585	1646	1730	1419	1240	481
MEAN						15	51	55	56	46	41	32
MAX						39	61	65	61	50	44	38
MIN						7.0	39	43	46	40	39	30
AC-FT						912	3143	3265	3430	2814	2460	953
IRRIGATION YEAR 1987			TOTAL	8559	MEAN	23	AC-FT	16976				

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13211445 INDIAN CREEK
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1986 TO OCTOBER 1987
MEAN VALUES

[illegible]

27-JAN-88

13212550 CONWAY GULCH
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1986 TO OCTOBER 1987
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	---	---	---	---	---	11	43	82	40	58	47	51
2	---	---	---	---	---	12	43	83	40	57	47	50
3	---	---	---	---	---	12	44	84	41	55	47	48
4	---	---	---	---	---	13	45	84	42	53	49	47
5	---	---	---	---	---	13	45	79	44	51	52	46
6	---	---	---	---	---	14	46	74	45	51	54	44
7	---	---	---	---	---	14	46	69	46	50	56	43
8	---	---	---	---	---	15	46	63	47	48	59	43
9	---	---	---	---	---	15	45	58	47	47	61	43
10	---	---	---	---	---	16	45	53	51	46	61	43
11	---	---	---	---	---	17	45	53	56	44	62	43
12	---	---	---	---	---	18	44	53	60	43	64	43
13	---	---	---	---	---	19	44	53	64	43	65	43
14	---	---	---	---	---	20	44	53	69	45	66	43
15	---	---	---	---	---	21	46	52	73	46	68	43
16	---	---	---	---	---	22	48	52	73	48	69	---
17	---	---	---	---	---	22	51	52	72	50	69	---
18	---	---	---	---	---	23	53	52	72	51	68	---
19	---	---	---	---	---	24	55	51	72	53	67	---
20	---	---	---	---	---	25	57	50	71	53	66	---
21	---	---	---	---	---	26	57	50	71	52	65	---
22	---	---	---	---	---	27	61	49	70	52	64	---
23	---	---	---	---	---	27	64	48	70	51	63	---
24	---	---	---	---	---	30	68	47	69	50	63	---
25	---	---	---	---	---	32	72	47	67	50	61	---
26	---	---	---	---	---	35	75	46	66	49	59	---
27	---	---	---	---	---	37	79	45	65	49	57	---
28	---	---	---	---	---	40	79	44	63	49	55	---
29	---	---	---	---	---	42	80	42	62	48	53	---
30	---	---	---	---	---	42	81	41	62	48	51	---
31	---	---	---	---	---	---	82	---	60	48	---	---
TOTAL						682	1732	1708	1849	1537	1788	673
MEAN						23	56	57	60	50	60	45
MAX						42	82	84	73	58	69	51
MIN						11	43	41	40	43	47	43
AC-FT						1352	3434	3387	3668	3049	3547	1335
IRRIGATION YEAR 1987			TOTAL	9968	MEAN	27	AC-FT	19771				

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13212890 DIXIE SLOUGH
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1986 TO OCTOBER 1987
MEAN VALUES

27-JAN-88

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	---	---	---	---	---	---	---	---	---	---	---	---
2	---	---	---	---	---	---	---	---	---	---	---	---
3	---	---	---	---	---	55	97	254	122	168	146	183
4	---	---	---	---	---	56	109	257	122	163	142	185
5	---	---	---	---	---	56	121	261	124	158	142	187
6	---	---	---	---	---	57	133	261	126	153	155	190
7	---	---	---	---	---	58	145	244	128	148	168	192
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	59	157	226	129	148	182	194
10	---	---	---	---	---	59	157	209	131	146	195	196
11	---	---	---	---	---	60	158	192	133	144	208	196
12	---	---	---	---	---	60	159	174	133	142	221	197
13	---	---	---	---	---	59	160	157	142	140	221	199
14	---	---	---	---	---	57	160	157	150	138	222	200
15	---	---	---	---	---	56	161	156	159	136	222	201
16	---	---	---	---	---	55	162	155	168	136	223	202
17	---	---	---	---	---	53	162	154	176	142	224	204
18	---	---	---	---	---	52	165	152	185	148	224	205
19	---	---	---	---	---	---	---	---	---	---	---	---
20	---	---	---	---	---	50	168	151	185	154	225	---
21	---	---	---	---	---	49	172	150	186	159	225	---
22	---	---	---	---	---	48	175	150	187	165	223	---
23	---	---	---	---	---	46	178	148	188	171	220	---
24	---	---	---	---	---	45	181	146	188	171	218	---
25	---	---	---	---	---	43	181	145	189	170	215	---
26	---	---	---	---	---	42	191	143	190	170	213	---
27	---	---	---	---	---	42	200	141	190	169	210	---
28	---	---	---	---	---	49	210	139	188	168	210	---
29	---	---	---	---	---	56	220	139	186	168	205	---
30	---	---	---	---	---	---	---	---	---	---	---	---
31	---	---	---	---	---	64	229	136	184	167	201	---
TOTAL	---	---	---	---	---	71	239	133	182	167	196	---
MEAN	---	---	---	---	---	78	239	131	180	163	191	---
MAX	---	---	---	---	---	85	243	128	178	159	187	---
MIN	---	---	---	---	---	85	246	125	178	155	182	---
AC-FT	---	---	---	---	---	---	250	---	173	150	---	---
IRRIGATION YEAR 1987	---	---	---	---	---	1704	5527	5113	5079	4835	6014	2931
TOTAL	---	---	---	---	---	57	178	170	164	156	200	195
31202	---	---	---	---	---	85	250	261	190	171	225	205
MEAN	---	---	---	---	---	42	97	125	122	136	142	183
85	---	---	---	---	---	3379	10963	10141	10074	9590	11929	5813
AC-FT	---	---	---	---	---	---	---	---	---	---	---	---
61888	---	---	---	---	---	---	---	---	---	---	---	---

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DIVERSIONS
IN ALPHABETICAL ORDER

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Baker Water Corp.	A-26
Barnes-Delmar	A-74
Bigs	A-30
Bidwell Highline	A-41
Bipbail (Canyon)	A-64
Casper County	A-60
Cowley-Dunning	A-45
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Eagle Island State Park	A-45
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Elmer #2	A-42
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Elmer-Dalhart	A-40
Elmer	A-75
Elmer-Park	A-22
Elmer Highline	A-27
Elmer	A-44
Elmer Pioneer	A-26
Elmer Water Right	A-73

DIVERSIONS
IN ALPHABETICAL ORDER

CANALS

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Boise Valley	A-37
Boise Water Corp.	A-41
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Campbell (Canyon)	A-61
Canyon County	A-64
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Crawforth Pump	A-48
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Eureka #2	A-58
Farmers Union	A-69
Graham-Gilbert	A-40
Haas	A-46
Hart-Davis	A-78
Island Highline	A-53
Lemp	A-80
Little Pioneer	A-44
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DIVERSIONS
IN ALPHABETICAL ORDER

CANALS

	<u>PAGE</u>
Aiken	
Andrews	A-50
Atwell	A-76
Ballentyne	A-72
Barber Pump	A-47
Baxter	A-55
Boise City	A-75
Boise City Parks	A-34
Boise Valley	A-37
Boise Water Corp.	A-41
Bowman-Swisher	A-39
Bubb	A-74
Caldwell Highline	A-30
Campbell (Canyon)	A-61
Canyon County	A-64
Conway-Hamming	A-60
Crawforth Pump	A-48
Davis Ditch	A-81
Eagle Island State Park	A-36
Eureka Water Co. #1	A-49
Eureka #2	A-58
Farmers Union	A-69
Graham-Gilbert	A-40
Haas	A-46
Hart-Davis	A-78
Island Highline	A-53
Lemp	A-80
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Lower Center Point	A-59
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16-NOV-87

13201050 LUCKY PEAK NURSERY
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1986 TO OCTOBER 1987
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	---	---	---	---	---	0.0	0.5	0.5	0.5	0.5	0.5	0.5
12	---	---	---	---	---	0.0	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	0.5
18	---	---	---	---	---	0.5	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	0.5
20	---	---	---	---	---	0.5	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	0.5
22	---	---	---	---	---	0.5	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	0.5
24	---	---	---	---	---	0.5	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	0.5
26	---	---	---	---	---	0.5	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	0.5
28	---	---	---	---	---	0.5	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	0.5
30	---	---	---	---	---	0.5	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	0.5
TOTAL						10	16	15	16	15	8	
MEAN						0.3	0.5	0.5	0.5	0.5	0.5	
MAX						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	
AC-FT						20	31	30	31	30	15	
IRRIGATION YEAR 1987												
TOTAL				94	MEAN	0	AC-FT	186				

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16-NOV-87

13202995
 DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1986 TO OCTOBER 1987
 PENITENTIARY CANAL
 MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	---	---	---	---	---	0.0	6.8	4.0	6.2	2.8	3.1	0.0
2	---	---	---	---	---	0.0	6.8	3.8	6.2	2.8	3.1	0.0
3	---	---	---	---	---	0.0	6.8	0.0	6.2	2.8	3.1	0.0
4	---	---	---	---	---	0.0	6.8	1.0	3.6	2.8	3.1	0.0
5	---	---	---	---	---	0.0	6.8	1.0	3.6	2.8	3.1	0.0
6	---	---	---	---	---	0.0	5.8	5.2	3.6	5.3	3.1	0.0
7	---	---	---	---	---	0.0	5.8	5.2	3.6	3.1	3.0	0.0
8	---	---	---	---	---	0.0	5.8	5.2	3.6	3.1	3.0	0.0
9	---	---	---	---	---	0.0	5.8	5.3	7.1	3.1	2.4	0.0
10	---	---	---	---	---	0.0	5.8	1.2	7.1	3.1	2.2	0.0
11	---	---	---	---	---	0.0	10	1.2	3.5	3.1	0.0	0.0
12	---	---	---	---	---	0.0	12	1.2	3.5	3.1	0.0	0.0
13	---	---	---	---	---	0.0	12	1.2	3.5	3.1	0.0	0.0
14	---	---	---	---	---	0.0	11	1.2	3.5	3.1	0.0	0.0
15	---	---	---	---	---	0.0	10	1.2	3.5	3.1	0.0	0.0
16	---	---	---	---	---	0.0	8.2	1.2	3.5	3.1	0.0	0.0
17	---	---	---	---	---	0.0	8.2	0.3	3.1	3.1	0.0	0.0
18	---	---	---	---	---	0.0	8.7	1.2	3.1	3.1	2.1	0.0
19	---	---	---	---	---	0.0	8.7	4.2	3.1	3.1	2.1	0.0
20	---	---	---	---	---	0.0	6.7	1.2	3.1	3.1	2.1	0.0
21	---	---	---	---	---	0.0	6.5	1.2	3.1	3.1	2.1	0.0
22	---	---	---	---	---	0.0	6.5	7.9	3.1	3.1	2.1	0.0
23	---	---	---	---	---	0.0	6.2	8.7	3.1	3.1	2.1	0.0
24	---	---	---	---	---	1.5	6.2	8.7	3.1	3.1	2.1	0.0
25	---	---	---	---	---	2.6	6.2	8.7	3.1	3.1	2.1	0.0
26	---	---	---	---	---	3.7	6.2	8.7	0.8	3.1	2.1	0.0
27	---	---	---	---	---	4.7	5.8	8.7	1.8	5.4	2.1	0.0
28	---	---	---	---	---	5.8	5.8	8.7	2.8	5.4	2.1	0.0
29	---	---	---	---	---	6.9	5.8	8.7	2.8	3.1	2.1	0.0
30	---	---	---	---	---	7.1	4.0	8.7	2.8	3.1	2.1	0.0
31	---	---	---	---	---	---	4.0	---	2.8	3.1	2.1	0.0
TOTAL						32	222	125	2.8	3.1	2.1	0.0
MEAN						1.1	7.2	4.2	113	101	56	0
MAX						7.1	12	8.7	3.7	3.3	1.9	0.0
MIN						0.0	4.0	0.0	7.1	5.4	3.1	0.0
AC-FT						64	441	247	225	201	112	0
IRRIGATION YEAR 1987												
TOTAL						651	MEAN	2	AC-FT	1290		

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16-NOV-87

13203000 NEW YORK CANAL
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1986 TO OCTOBER 1987
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	---	---	---	0.0	---	0.0	2088	1727	2393	1925	1695	1127
2	---	---	---	0.0	---	0.0	2004	1692	2354	1916	1685	1132
3	---	---	---	0.0	---	0.0	1992	1673	2318	1913	1652	1134
4	---	---	---	0.0	---	0.0	1999	1673	2318	1912	1558	1140
5	---	---	---	0.0	---	0.0	2021	1688	2323	1916	1523	1144
6	---	---	---	729	---	0.0	2026	1759	2326	1965	1507	1032
7	---	---	---	832	---	0.0	2016	1797	2322	2023	1475	955
8	---	---	---	833	---	0.0	2106	1851	2322	2001	1448	959
9	---	---	---	890	---	0.0	2147	1886	2319	2001	1431	680
10	---	---	---	928	---	200	2134	1884	2344	2030	1395	0.0
11	---	---	---	859	---	400	2179	1862	2346	2064	1365	0.0
12	---	---	---	699	---	400	2211	1849	2340	2076	1348	0.0
13	---	---	---	899	---	788	2216	1849	2335	2071	1347	0.0
14	---	---	---	997	---	904	2216	1847	2332	2008	1325	0.0
15	---	---	---	989	---	1014	2215	1919	2330	1861	1313	0.0
16	---	---	---	977	---	1129	2207	2012	2337	1830	1314	0.0
17	---	---	---	977	---	1102	2206	2069	2330	1814	1288	0.0
18	---	---	---	991	---	1129	2244	2082	2291	1795	1259	0.0
19	---	---	---	991	---	1129	2259	2019	2288	1796	1205	0.0
20	---	---	---	963	---	1124	2262	1996	2286	1784	1184	0.0
21	---	---	---	915	---	1171	2305	1999	2255	1738	1191	0.0
22	---	---	---	913	---	1324	2277	2039	2194	1718	1212	0.0
23	---	---	---	883	---	1489	2247	2057	2125	1711	1209	0.0
24	---	---	---	0.0	---	1553	2247	2123	2063	1701	1197	0.0
25	---	---	---	0.0	---	1725	2249	2218	2047	1703	1143	0.0
26	---	---	---	0.0	---	1820	2143	2290	2044	1707	1127	0.0
27	---	---	---	0.0	---	1922	1975	2310	2043	1700	1131	0.0
28	---	---	---	0.0	---	2107	1867	2311	2059	1702	1132	0.0
29	---	---	---	---	---	2208	1746	2332	2085	1683	1125	0.0
30	---	---	---	---	---	2227	1724	2375	2030	1673	1125	0.0
31	---	---	---	---	---	---	1726	---	1957	1670	---	0.0
TOTAL				16265		26865	65254	59188	69456	57407	39909	9303
MEAN				581		896	2105	1973	2241	1852	1330	300
MAX				997		2227	2305	2375	2393	2076	1695	1144
MIN				0.0		0.0	1724	1673	1957	1670	1125	0.0
AC-FT				32262		53287	129431	117399	137766	113867	79160	18453
IRRIGATION YEAR 1987			TOTAL	343647	MEAN	941	AC-FT	681623				

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13203527
DISCHARGE, CUBIC FEET SURPRISE VLY FARMS
PER SECOND, IRRIGATION YEAR NOVEMBER 1986 TO OCTOBER 1987
MEAN VALUES

[illegible]

13203760 RIDENBAUGH CANAL
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1986 TO OCTOBER 1987
MEAN VALUES

16-NOV-87

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	---	---	---	---	---	0.0	541	510	519	498	398	0.0
2	---	---	---	---	---	0.0	541	510	519	498	398	0.0
3	---	---	---	---	---	0.0	541	510	519	500	398	0.0
4	---	---	---	---	---	0.0	541	510	519	500	398	0.0
5	---	---	---	---	---	0.0	538	510	519	500	398	0.0
6	---	---	---	---	---	0.0	538	510	519	500	398	0.0
7	---	---	---	---	---	0.0	536	510	519	500	398	0.0
8	---	---	---	---	---	70	534	526	519	500	398	0.0
9	---	---	---	---	---	86	534	526	519	498	398	0.0
10	---	---	---	---	---	102	534	526	519	470	390	0.0
11	---	---	---	---	---	118	534	525	519	472	365	0.0
12	---	---	---	---	---	134	537	524	519	472	366	0.0
13	---	---	---	---	---	150	541	523	519	446	366	0.0
14	---	---	---	---	---	166	541	521	519	426	345	0.0
15	---	---	---	---	---	208	541	520	517	426	298	0.0
16	---	---	---	---	---	247	541	519	517	426	298	0.0
17	---	---	---	---	---	290	541	519	517	425	296	0.0
18	---	---	---	---	---	360	541	520	517	425	275	0.0
19	---	---	---	---	---	405	539	521	517	425	275	0.0
20	---	---	---	---	---	438	536	522	517	425	275	0.0
21	---	---	---	---	---	438	535	522	517	425	273	0.0
22	---	---	---	---	---	438	535	522	517	425	274	0.0
23	---	---	---	---	---	464	535	523	517	425	274	0.0
24	---	---	---	---	---	490	533	524	509	425	275	0.0
25	---	---	---	---	---	515	533	519	510	425	275	0.0
26	---	---	---	---	---	541	532	519	510	425	275	0.0
27	---	---	---	---	---	541	532	519	510	424	275	0.0
28	---	---	---	---	---	541	532	519	510	424	75	0.0
29	---	---	---	---	---	541	532	519	510	424	75	0.0
30	---	---	---	---	---	541	532	519	510	424	75	0.0
31	---	---	---	---	---	541	532	519	510	424	75	0.0
TOTAL						8365	16529	15572	15619	13850	8056	0
MEAN						279	533	519	504	447	269	0.0
MAX						541	541	526	519	500	398	0.0
MIN						0.0	510	510	200	424	0.0	0.0
AC-FT						16591	32785	30887	30980	27471	15979	0
IRRIGATION YEAR 1987												
TOTAL						77991						
MEAN						214						
AC-FT							154694					

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13204005 BUBB CANAL
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1986 TO OCTOBER 1987
MEAN VALUES

16-NOV-87

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	---	---	---	---	---	---	---	---	---	---	---	---
2	---	---	---	---	---	---	---	---	---	---	---	---
3	---	---	---	---	---	0.0	11	10	9.9	10	10	0.0
4	---	---	---	---	---	0.0	11	10	9.9	9.7	9.7	0.0
5	---	---	---	---	---	0.0	11	10	9.8	9.3	9.3	0.0
6	---	---	---	---	---	0.0	11	10	9.7	9.0	9.0	0.0
7	---	---	---	---	---	0.0	11	10	9.7	8.7	8.7	0.0
8	---	---	---	---	---	0.0	11	10	9.6	8.3	8.3	0.0
9	---	---	---	---	---	0.0	11	10	9.6	8.0	8.0	0.0
10	---	---	---	---	---	0.0	11	10	9.6	7.7	8.0	0.0
11	---	---	---	---	---	0.0	10	10	9.6	7.8	8.0	0.0
12	---	---	---	---	---	0.0	10	10	9.6	8.0	8.0	0.0
13	---	---	---	---	---	0.0	10	10	9.6	8.0	8.0	0.0
14	---	---	---	---	---	0.0	10	10	9.6	8.0	8.0	0.0
15	---	---	---	---	---	0.0	10	10	9.6	8.0	8.0	0.0
16	---	---	---	---	---	0.0	10	10	9.6	8.0	8.0	0.0
17	---	---	---	---	---	7.0	10	10	9.6	8.0	8.0	0.0
18	---	---	---	---	---	7.0	10	10	9.6	8.0	8.0	0.0
19	---	---	---	---	---	7.0	10	10	9.6	8.0	8.0	0.0
20	---	---	---	---	---	7.0	10	10	9.6	8.0	8.0	0.0
21	---	---	---	---	---	7.0	10	10	9.6	8.0	8.0	0.0
22	---	---	---	---	---	11	10	10	9.6	8.0	8.0	0.0
23	---	---	---	---	---	11	10	10	9.6	8.0	8.0	0.0
24	---	---	---	---	---	11	10	10	9.6	8.0	4.0	0.0
25	---	---	---	---	---	11	10	10	9.6	8.0	0.0	0.0
26	---	---	---	---	---	11	10	10	9.6	8.0	0.0	0.0
27	---	---	---	---	---	11	10	10	9.6	8.0	0.0	0.0
28	---	---	---	---	---	11	10	10	9.6	8.0	0.0	0.0
29	---	---	---	---	---	11	10	10	9.6	8.0	0.0	0.0
30	---	---	---	---	---	11	10	10	9.6	8.3	0.0	0.0
31	---	---	---	---	---	11	10	10	9.6	8.7	0.0	0.0
TOTAL						156	318	300	288	262	163	0
MEAN						5.2	10	10	9.3	8.4	5.4	0.0
MAX						11	11	10	9.9	10	10	0.0
MIN						0.0	10	10	7.0	7.7	0.0	0.0
AC-FT						309	630	595	572	519	323	0
IRRIGATION YEAR 1987						TOTAL	1486	MEAN	4	AC-FT	2947	

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13204020 MEEVES CANAL
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1986 TO OCTOBER 1987
MEAN VALUES

16-NOV-87

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	---	---	---	---	---	0.0	0.0	1.0	1.0	0.0	1.0	0.3
2	---	---	---	---	---	0.0	0.0	0.0	1.0	0.0	1.0	0.5
3	---	---	---	---	---	0.0	0.0	0.0	1.0	0.0	1.0	0.7
4	---	---	---	---	---	0.0	0.0	0.0	1.0	1.0	1.0	0.8
5	---	---	---	---	---	0.0	0.0	0.0	1.0	1.0	1.0	1.0
6	---	---	---	---	---	0.0	0.0	0.0	1.0	1.0	1.0	1.0
7	---	---	---	---	---	0.0	0.0	0.0	1.0	1.0	1.0	1.0
8	---	---	---	---	---	0.0	0.0	0.0	1.0	1.0	1.0	0.0
9	---	---	---	---	---	0.0	0.0	0.0	1.0	1.0	1.0	0.0
10	---	---	---	---	---	0.0	0.0	0.0	1.0	1.0	1.0	0.0
11	---	---	---	---	---	0.0	0.0	0.0	1.0	1.0	1.0	0.0
12	---	---	---	---	---	0.0	0.0	0.0	1.0	1.0	1.0	0.0
13	---	---	---	---	---	0.0	0.0	0.0	1.0	1.0	1.0	0.0
14	---	---	---	---	---	0.0	0.0	0.0	1.0	1.0	1.0	0.0
15	---	---	---	---	---	0.0	0.0	0.0	1.0	1.0	1.0	0.0
16	---	---	---	---	---	0.0	0.0	0.0	1.0	1.0	1.0	0.0
17	---	---	---	---	---	0.0	0.0	0.0	1.0	1.0	1.0	0.0
18	---	---	---	---	---	0.0	0.0	0.0	1.0	1.0	1.0	0.0
19	---	---	---	---	---	0.0	0.0	0.0	1.0	1.0	1.0	0.0
20	---	---	---	---	---	0.0	0.0	0.0	1.0	1.0	1.0	0.0
21	---	---	---	---	---	0.0	0.0	0.0	1.0	1.0	1.0	0.0
22	---	---	---	---	---	0.0	0.0	0.0	1.0	1.0	1.0	0.0
23	---	---	---	---	---	0.0	0.0	0.0	1.0	1.0	1.0	0.0
24	---	---	---	---	---	0.0	0.0	0.0	1.0	1.0	1.0	0.0
25	---	---	---	---	---	0.0	0.0	0.0	1.0	1.0	1.0	0.0
26	---	---	---	---	---	0.0	0.0	0.0	1.0	1.0	1.0	0.0
27	---	---	---	---	---	0.0	0.0	0.0	1.0	1.0	1.0	0.0
28	---	---	---	---	---	0.0	0.0	0.0	1.0	1.0	1.0	0.0
29	---	---	---	---	---	0.0	0.0	0.0	1.0	1.0	1.0	0.0
30	---	---	---	---	---	0.0	0.0	0.0	1.0	1.0	1.0	0.0
31	---	---	---	---	---	0.0	0.0	0.0	1.0	1.0	1.0	0.0
TOTAL						7	6	13	13	25	18	3
MEAN						0.2	0.2	0.4	0.4	0.8	0.6	0.1
MAX						1.0	1.0	1.0	1.0	1.0	1.0	1.0
MIN						0.0	0.0	0.0	0.0	0.0	0.0	0.0
AC-FT						14	12	25	26	49	35	7
IRRIGATION YEAR 1987												
TOTAL						84	MEAN	0	AC-FT	166		

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13204060 ROSSI MILL CANAL
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1986 TO OCTOBER 1987
MEAN VALUES

16-NOV-87

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	---	---	---	---	---	0.0	6.0	7.0	6.0	6.0	6.0	6.0
2	---	---	---	---	---	0.0	6.0	7.0	6.0	6.0	6.0	6.0
3	---	---	---	---	---	0.0	6.0	7.0	6.0	6.0	6.0	6.0
4	---	---	---	---	---	0.0	6.0	7.0	6.0	6.0	6.0	6.0
5	---	---	---	---	---	0.0	6.0	7.0	6.0	6.0	6.0	6.0
6	---	---	---	---	---	0.0	6.0	7.0	6.0	6.0	6.0	6.0
7	---	---	---	---	---	0.0	6.0	7.0	6.0	6.0	6.0	6.0
8	---	---	---	---	---	0.0	6.0	7.0	6.0	6.0	6.0	6.0
9	---	---	---	---	---	0.0	6.0	7.0	6.0	6.0	6.0	6.0
10	---	---	---	---	---	0.0	6.0	7.0	6.0	6.0	6.0	6.0
11	---	---	---	---	---	0.0	6.0	7.0	6.0	6.0	6.0	6.0
12	---	---	---	---	---	0.0	6.0	7.0	6.0	6.0	6.0	6.0
13	---	---	---	---	---	0.0	6.0	7.0	6.0	6.0	6.0	6.0
14	---	---	---	---	---	0.0	6.0	7.0	6.0	6.0	6.0	6.0
15	---	---	---	---	---	0.0	6.0	7.0	6.0	6.0	6.0	6.0
16	---	---	---	---	---	0.0	6.0	7.0	6.0	6.0	6.0	6.0
17	---	---	---	---	---	0.0	6.0	7.0	6.0	6.0	6.0	6.0
18	---	---	---	---	---	7.0	6.0	7.0	6.0	6.0	6.0	6.0
19	---	---	---	---	---	7.0	6.0	7.0	6.0	6.0	6.0	3.0
20	---	---	---	---	---	7.0	6.0	6.8	6.0	6.0	6.0	0.0
21	---	---	---	---	---	7.0	6.0	6.7	6.0	6.0	6.0	0.0
22	---	---	---	---	---	9.0	6.2	6.5	6.0	6.0	6.0	0.0
23	---	---	---	---	---	9.0	6.2	6.3	6.0	6.0	6.0	0.0
24	---	---	---	---	---	8.5	6.3	6.2	6.0	6.0	6.0	0.0
25	---	---	---	---	---	8.0	6.5	6.0	6.0	6.0	6.0	0.0
26	---	---	---	---	---	7.5	6.7	6.0	6.0	6.0	6.0	0.0
27	---	---	---	---	---	7.0	6.8	6.0	6.0	6.0	6.0	0.0
28	---	---	---	---	---	6.5	7.0	6.0	6.0	6.0	6.0	0.0
29	---	---	---	---	---	6.0	7.0	6.0	6.0	6.0	6.0	0.0
30	---	---	---	---	---	6.0	7.0	6.0	6.0	6.0	6.0	0.0
31	---	---	---	---	---	6.0	7.0	6.0	6.0	6.0	6.0	0.0
TOTAL						6.0	7.0	6.0	6.0	6.0	6.0	0.0
MEAN						---	7.0	6.0	6.0	6.0	6.0	0.0
MAX						108	196	199	186	186	180	87
MIN						3.6	6.3	6.6	6.0	6.0	6.0	2.8
AC-FT						9.0	7.0	7.0	6.0	6.0	6.0	6.0
						0.0	6.0	6.0	6.0	6.0	6.0	0.0
						213	388	394	369	369	357	173
IRRIGATION YEAR 1987			TOTAL	1141	MEAN	3	AC-FT	2262				

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13204070 RIVER RUN
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1986 TO OCTOBER 1987
MEAN VALUES

16-NOV-87

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	---	---	---	---	---	18	18	18	18	18	18	18
2	---	---	---	---	---	18	18	18	18	18	18	18
3	---	---	---	---	---	18	18	18	18	18	18	18
4	---	---	---	---	---	18	18	18	18	18	18	18
5	---	---	---	---	---	18	18	18	18	18	18	18
6	---	---	---	---	---	18	18	18	18	18	18	18
7	---	---	---	---	---	18	18	18	18	18	18	18
8	---	---	---	---	---	18	18	18	18	18	18	18
9	---	---	---	---	---	18	18	18	18	18	18	18
10	---	---	---	---	---	18	18	18	18	18	18	18
11	---	---	---	---	---	18	18	18	18	18	18	18
12	---	---	---	---	---	18	18	18	18	18	18	18
13	---	---	---	---	---	18	18	18	18	18	18	18
14	---	---	---	---	---	18	18	18	18	18	18	18
15	---	---	---	---	---	18	18	18	18	18	18	18
16	---	---	---	---	---	18	18	18	18	18	18	18
17	---	---	---	---	---	18	18	18	18	18	18	18
18	---	---	---	---	---	18	18	18	18	18	18	18
19	---	---	---	---	---	18	18	18	18	18	18	18
20	---	---	---	---	---	18	18	18	18	18	18	18
21	---	---	---	---	---	18	18	18	18	18	18	18
22	---	---	---	---	---	18	18	18	18	18	18	18
23	---	---	---	---	---	18	18	18	18	18	18	18
24	---	---	---	---	---	18	18	18	18	18	18	18
25	---	---	---	---	---	18	18	18	18	18	18	18
26	---	---	---	---	---	18	18	18	18	18	18	18
27	---	---	---	---	---	18	18	18	18	18	18	18
28	---	---	---	---	---	18	18	18	18	18	18	18
29	---	---	---	---	---	18	18	18	18	18	18	18
30	---	---	---	---	---	18	18	18	18	18	18	18
31	---	---	---	---	---	18	18	18	18	18	18	18
TOTAL						540	558	540	558	540	558	558
MEAN						18	18	18	18	18	18	18
MAX						18	18	18	18	18	18	18
MIN						18	18	18	18	18	18	18
AC-FT						1071	1107	1071	1107	1071	1107	1107
IRRIGATION YEAR 1987												
TOTAL						3852	MEAN	11	AC-FT	7640		

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13204190 BOISE CITY CANAL
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1986 TO OCTOBER 1987
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	---	---	---	---	---	0.0	31	31	30	23	23	15
2	---	---	---	---	---	0.0	31	31	29	23	23	15
3	---	---	---	---	---	0.0	31	30	28	23	23	16
4	---	---	---	---	---	0.0	31	30	27	23	23	16
5	---	---	---	---	---	0.0	31	29	27	23	23	17
6	---	---	---	---	---	0.0	31	29	26	23	23	17
7	---	---	---	---	---	0.0	31	28	26	23	23	17
8	---	---	---	---	---	0.0	31	28	26	27	23	17
9	---	---	---	---	---	0.0	31	28	26	27	22	8.0
10	---	---	---	---	---	0.0	31	28	26	27	22	0.0
11	---	---	---	---	---	0.0	31	28	26	28	22	0.0
12	---	---	---	---	---	0.0	31	28	26	28	22	0.0
13	---	---	---	---	---	0.0	31	29	26	27	22	0.0
14	---	---	---	---	---	0.0	31	29	26	26	21	0.0
15	---	---	---	---	---	0.0	32	29	26	26	21	0.0
16	---	---	---	---	---	5.3	32	30	26	25	21	0.0
17	---	---	---	---	---	11	32	30	26	24	21	0.0
18	---	---	---	---	---	16	32	29	25	24	20	0.0
19	---	---	---	---	---	21	33	29	25	24	19	0.0
20	---	---	---	---	---	27	33	28	25	24	19	0.0
21	---	---	---	---	---	32	32	28	25	24	18	0.0
22	---	---	---	---	---	32	32	27	25	24	18	0.0
23	---	---	---	---	---	33	32	27	25	24	18	0.0
24	---	---	---	---	---	33	31	27	25	24	17	0.0
25	---	---	---	---	---	34	31	28	25	24	17	0.0
26	---	---	---	---	---	34	31	28	25	24	16	0.0
27	---	---	---	---	---	35	31	29	25	24	15	0.0
28	---	---	---	---	---	35	31	29	25	23	15	0.0
29	---	---	---	---	---	31	31	30	25	23	14	0.0
30	---	---	---	---	---	31	31	30	25	23	14	0.0
31	---	---	---	---	---	31	31	30	26	23	14	0.0
TOTAL						---	31	---	26	23	14	0.0
MEAN						440	972	864	801	747	584	137
MAX						15	31	29	26	24	19	4.4
MIN						35	33	31	30	28	23	17
AC-FT						0.0	31	27	25	23	14	0.0
IRRIGATION YEAR 1987						872	1927	1713	1588	1483	1159	273
TOTAL				4545	MEAN	12	AC-FT	9014				

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13205515 SETTLERS CANAL
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1986 TO OCTOBER 1987
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	---	---	---	---	---	0.0	186	176	185	152	116	0.0
2	---	---	---	---	---	0.0	186	176	182	153	116	0.0
3	---	---	---	---	---	0.0	186	178	182	154	117	0.0
4	---	---	---	---	---	0.0	186	179	183	151	117	0.0
5	---	---	---	---	---	0.0	186	181	181	151	117	0.0
6	---	---	---	---	---	0.0	186	183	182	152	118	0.0
7	---	---	---	---	---	0.0	186	184	182	155	118	0.0
8	---	---	---	---	---	0.0	186	186	179	152	118	0.0
9	---	---	---	---	---	0.0	186	186	175	152	119	0.0
10	---	---	---	---	---	0.0	186	185	163	156	119	0.0
11	---	---	---	---	---	0.0	186	185	152	154	120	0.0
12	---	---	---	---	---	0.0	186	184	151	154	121	0.0
13	---	---	---	---	---	0.0	186	183	151	153	121	0.0
14	---	---	---	---	---	0.0	186	183	151	153	122	0.0
15	---	---	---	---	---	1.4	186	182	144	152	122	0.0
16	---	---	---	---	---	28	185	182	144	152	121	0.0
17	---	---	---	---	---	42	185	181	146	151	121	0.0
18	---	---	---	---	---	56	185	180	146	151	120	0.0
19	---	---	---	---	---	70	186	180	147	151	119	0.0
20	---	---	---	---	---	84	186	179	147	148	119	0.0
21	---	---	---	---	---	84	186	178	147	142	118	0.0
22	---	---	---	---	---	101	186	177	149	139	118	0.0
23	---	---	---	---	---	119	186	177	149	130	118	0.0
24	---	---	---	---	---	136	186	178	149	128	114	0.0
25	---	---	---	---	---	153	186	178	149	114	39	0.0
26	---	---	---	---	---	171	186	179	149	113	0.0	0.0
27	---	---	---	---	---	186	184	180	148	115	0.0	0.0
28	---	---	---	---	---	186	183	180	148	116	0.0	0.0
29	---	---	---	---	---	186	181	181	149	116	0.0	0.0
30	---	---	---	---	---	186	179	177	150	115	0.0	0.0
31	---	---	---	---	---	---	178	---	151	116	---	0.0
TOTAL						1802	5738	5418	4911	4390	2888	0
MEAN						60	185	181	158	142	96	0.0
MAX						186	186	186	185	156	122	0.0
MIN						0.0	178	176	144	113	0.0	0.0
AC-FT						3574	11380	10746	9741	8708	5728	0
IRRIGATION YEAR 1987						TOTAL	25146	MEAN	69	AC-FT	49877	

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13205517 DAVIS CANAL
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1986 TO OCTOBER 1987
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	---	---	---	---	---	0.0	9.0	9.0	8.6	8.7	8.7	4.0
2	---	---	---	---	---	0.0	9.0	9.0	8.4	8.7	8.7	3.0
3	---	---	---	---	---	0.0	9.0	8.9	8.3	8.7	8.7	2.0
4	---	---	---	---	---	0.0	9.0	8.9	8.1	8.7	8.7	1.0
5	---	---	---	---	---	0.0	9.0	8.9	8.0	8.6	8.7	0.0
6	---	---	---	---	---	0.0	9.0	8.8	7.8	8.4	8.7	0.0
7	---	---	---	---	---	0.0	9.0	8.8	7.8	8.3	8.7	0.0
8	---	---	---	---	---	0.0	9.0	8.7	7.8	8.1	8.7	0.0
9	---	---	---	---	---	0.0	9.0	8.7	7.8	8.0	8.4	0.0
10	---	---	---	---	---	0.0	9.0	8.7	7.8	7.8	8.1	0.0
11	---	---	---	---	---	0.0	9.0	8.7	7.8	7.8	7.8	0.0
12	---	---	---	---	---	0.0	9.0	8.7	7.8	8.0	7.4	0.0
13	---	---	---	---	---	0.0	9.0	8.7	7.8	8.1	7.1	0.0
14	---	---	---	---	---	0.0	9.0	8.7	7.8	8.3	6.8	0.0
15	---	---	---	---	---	1.5	9.0	8.7	7.8	8.4	6.8	0.0
16	---	---	---	---	---	3.0	9.0	8.7	7.8	8.6	6.8	0.0
17	---	---	---	---	---	4.5	9.0	8.7	7.8	8.7	6.8	0.0
18	---	---	---	---	---	6.0	9.0	8.7	7.8	8.7	6.8	0.0
19	---	---	---	---	---	7.5	9.0	8.7	7.8	8.6	6.8	0.0
20	---	---	---	---	---	9.0	9.0	8.7	7.8	8.4	6.8	0.0
21	---	---	---	---	---	9.0	9.0	8.7	7.8	8.3	6.8	0.0
22	---	---	---	---	---	8.8	9.0	8.7	7.8	8.1	6.8	0.0
23	---	---	---	---	---	8.7	9.0	8.7	8.0	8.1	6.8	0.0
24	---	---	---	---	---	8.5	9.0	8.7	8.1	8.0	6.7	0.0
25	---	---	---	---	---	8.3	9.0	8.7	8.3	7.8	6.5	0.0
26	---	---	---	---	---	8.2	9.0	8.7	8.4	7.8	6.4	0.0
27	---	---	---	---	---	8.0	9.0	8.7	8.6	8.0	6.3	0.0
28	---	---	---	---	---	9.0	9.0	8.7	8.7	8.1	6.1	0.0
29	---	---	---	---	---	9.0	9.0	8.7	8.7	8.3	6.0	0.0
30	---	---	---	---	---	9.0	9.0	8.7	8.7	8.4	6.0	0.0
31	---	---	---	---	---	9.0	9.0	8.7	8.7	8.6	5.0	0.0
TOTAL						---	9.0	---	8.7	8.7	---	0.0
MEAN						118	279	262	251	258	219	10
MAX						3.9	9.0	8.7	8.1	8.3	7.3	0.3
MIN						9.0	9.0	9.0	8.7	8.7	8.7	4.0
AC-FT						0.0	9.0	8.7	7.8	7.8	5.0	0.0
						234	553	520	498	511	434	20
IRRIGATION YEAR 1987						TOTAL	1397	MEAN	4	AC-FT	2770	

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13205613 BOISE CITY PARKS
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1986 TO OCTOBER 1987
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	0.0
16	---	---	---	---	---	0.0	0.2	0.2	0.2	0.2	0.2	0.0
17	---	---	---	---	---	0.0	0.2	0.2	0.2	0.2	0.2	---
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	---	---
MEAN						4	6	6	6	6	---	---
MAX						0.1	0.2	0.2	0.2	0.2	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 1987												
TOTAL						38	MEAN	0	AC-FT	76		

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13205622 THURMAN MILL CANAL
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1986 TO OCTOBER 1987
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	---	---	---	---	---	0.0	29	27	29	25	25	16
2	---	---	---	---	---	0.0	29	27	29	25	25	17
3	---	---	---	---	---	0.0	28	27	29	25	25	17
4	---	---	---	---	---	0.0	28	28	29	25	25	18
5	---	---	---	---	---	0.0	28	28	29	26	25	18
6	---	---	---	---	---	0.0	28	28	28	26	25	18
7	---	---	---	---	---	0.0	28	29	28	27	25	18
8	---	---	---	---	---	0.0	28	29	28	28	25	18
9	---	---	---	---	---	0.0	28	29	28	28	25	18
10	---	---	---	---	---	0.0	28	28	28	29	24	18
11	---	---	---	---	---	0.0	28	28	27	29	24	18
12	---	---	---	---	---	0.0	28	28	27	29	24	18
13	---	---	---	---	---	0.0	28	27	27	29	23	18
14	---	---	---	---	---	0.0	29	27	27	29	23	18
15	---	---	---	---	---	5.0	29	26	27	29	23	6.0
16	---	---	---	---	---	10	29	26	27	29	22	0.0
17	---	---	---	---	---	15	30	27	27	29	21	0.0
18	---	---	---	---	---	20	30	27	27	29	20	0.0
19	---	---	---	---	---	25	30	28	27	28	19	0.0
20	---	---	---	---	---	30	30	29	27	28	18	0.0
21	---	---	---	---	---	30	30	29	27	28	18	0.0
22	---	---	---	---	---	30	30	29	27	27	17	0.0
23	---	---	---	---	---	30	30	30	27	26	17	0.0
24	---	---	---	---	---	30	30	30	26	26	17	0.0
25	---	---	---	---	---	30	30	30	26	25	17	0.0
26	---	---	---	---	---	30	30	30	25	25	16	0.0
27	---	---	---	---	---	30	30	30	25	25	16	0.0
28	---	---	---	---	---	30	30	30	24	25	15	0.0
29	---	---	---	---	---	30	29	30	24	25	15	0.0
30	---	---	---	---	---	30	29	30	24	25	15	0.0
31	---	---	---	---	---	29	28	30	24	25	15	0.0
TOTAL						---	28	---	25	25	16	0.0
MEAN						404	896	848	832	828	628	253
MAX						13	29	28	27	27	21	8.2
MIN						30	30	30	29	29	25	18
AC-FT						0.0	28	26	24	25	15	0.0
						801	1776	1682	1651	1642	1246	502
IRRIGATION YEAR 1987						TOTAL	4689	MEAN	13	AC-FT	9300	

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13285638 BOISE WATER CORP
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1986 TO OCTOBER 1987
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	---	---	---	---	---	2.4	2.4	2.4	2.4	2.4	2.4	2.4
2	---	---	---	---	---	2.4	2.4	2.4	2.4	2.4	2.4	2.4
3	---	---	---	---	---	2.4	2.4	2.4	2.4	2.4	2.4	2.4
4	---	---	---	---	---	2.4	2.4	2.4	2.4	2.4	2.4	2.4
5	---	---	---	---	---	2.4	2.4	2.4	2.4	2.4	2.4	2.4
6	---	---	---	---	---	2.4	2.4	2.4	2.4	2.4	2.4	2.4
7	---	---	---	---	---	2.4	2.4	2.4	2.4	2.4	2.4	2.4
8	---	---	---	---	---	2.4	2.4	2.4	2.4	2.4	2.4	2.4
9	---	---	---	---	---	2.4	2.4	2.4	2.4	2.4	2.4	2.4
10	---	---	---	---	---	2.4	2.4	2.4	2.4	2.4	2.4	2.4
11	---	---	---	---	---	2.4	2.4	2.4	2.4	2.4	2.4	2.4
12	---	---	---	---	---	2.4	2.4	2.4	2.4	2.4	2.4	2.4
13	---	---	---	---	---	2.4	2.4	2.4	2.4	2.4	2.4	2.4
14	---	---	---	---	---	2.4	2.4	2.4	2.4	2.4	2.4	2.4
15	---	---	---	---	---	2.4	2.4	2.4	2.4	2.4	2.4	2.4
16	---	---	---	---	---	2.4	2.4	2.4	2.4	2.4	2.4	2.4
17	---	---	---	---	---	2.4	2.4	2.4	2.4	2.4	2.4	2.4
18	---	---	---	---	---	2.4	2.4	2.4	2.4	2.4	2.4	2.4
19	---	---	---	---	---	2.4	2.4	2.4	2.4	2.4	2.4	2.4
20	---	---	---	---	---	2.4	2.4	2.4	2.4	2.4	2.4	2.4
21	---	---	---	---	---	2.4	2.4	2.4	2.4	2.4	2.4	2.4
22	---	---	---	---	---	2.4	2.4	2.4	2.4	2.4	2.4	2.4
23	---	---	---	---	---	2.4	2.4	2.4	2.4	2.4	2.4	2.4
24	---	---	---	---	---	2.4	2.4	2.4	2.4	2.4	2.4	2.4
25	---	---	---	---	---	2.4	2.4	2.4	2.4	2.4	2.4	2.4
26	---	---	---	---	---	2.4	2.4	2.4	2.4	2.4	2.4	2.4
27	---	---	---	---	---	2.4	2.4	2.4	2.4	2.4	2.4	2.4
28	---	---	---	---	---	2.4	2.4	2.4	2.4	2.4	2.4	2.4
29	---	---	---	---	---	2.4	2.4	2.4	2.4	2.4	2.4	2.4
30	---	---	---	---	---	2.4	2.4	2.4	2.4	2.4	2.4	2.4
31	---	---	---	---	---	2.4	2.4	2.4	2.4	2.4	2.4	2.4
TOTAL						72	74	72	74	74	72	74
MEAN						2.4	2.4	2.4	2.4	2.4	2.4	2.4
MAX						2.4	2.4	2.4	2.4	2.4	2.4	2.4
MIN						2.4	2.4	2.4	2.4	2.4	2.4	2.4
AC-FT						143	148	143	148	148	143	148
IRRIGATION YEAR 1987						514	MEAN	1	AC-FT	1018		

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13205640 FARMERS UNION CANAL
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1986 TO OCTOBER 1987
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	---	---	---	---	---	0.0	216	192	198	186	145	57
2	---	---	---	---	---	0.0	215	192	198	195	145	19
3	---	---	---	---	---	0.0	213	193	198	195	145	0.0
4	---	---	---	---	---	0.0	212	194	198	193	145	0.0
5	---	---	---	---	---	0.0	212	195	198	193	145	0.0
6	---	---	---	---	---	0.0	214	195	198	195	145	0.0
7	---	---	---	---	---	0.0	216	196	198	195	145	0.0
8	---	---	---	---	---	0.0	218	197	187	195	145	0.0
9	---	---	---	---	---	0.0	220	197	187	195	146	0.0
10	---	---	---	---	---	12	222	199	186	195	147	0.0
11	---	---	---	---	---	23	224	201	186	195	148	0.0
12	---	---	---	---	---	34	224	203	185	195	148	0.0
13	---	---	---	---	---	45	227	205	184	195	149	0.0
14	---	---	---	---	---	45	230	207	184	195	150	0.0
15	---	---	---	---	---	63	233	209	184	187	150	0.0
16	---	---	---	---	---	81	236	209	184	187	149	0.0
17	---	---	---	---	---	99	239	208	188	185	149	0.0
18	---	---	---	---	---	117	242	207	189	185	147	0.0
19	---	---	---	---	---	135	242	206	189	185	78	0.0
20	---	---	---	---	---	153	237	205	189	183	29	0.0
21	---	---	---	---	---	153	233	204	187	183	29	0.0
22	---	---	---	---	---	164	228	203	191	183	29	0.0
23	---	---	---	---	---	175	223	203	190	183	29	0.0
24	---	---	---	---	---	186	219	203	190	183	29	0.0
25	---	---	---	---	---	196	214	190	190	177	29	0.0
26	---	---	---	---	---	207	214	190	190	172	39	0.0
27	---	---	---	---	---	218	210	190	189	169	39	0.0
28	---	---	---	---	---	218	207	196	185	169	39	0.0
29	---	---	---	---	---	217	203	196	186	167	57	0.0
30	---	---	---	---	---	216	199	193	186	167	57	0.0
31	---	---	---	---	---	---	196	---	186	157	---	0.0
TOTAL						2757	6838	5978	5878	5739	3126	76
MEAN						92	221	199	190	185	104	2.5
MAX						218	242	209	198	195	150	57
MIN						0.0	196	190	184	157	29	0.0
AC-FT						5468	13563	11856	11658	11383	6199	151
IRRIGATION YEAR 1987			TOTAL	30390	MEAN	83	AC-FT	60278				

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13205641 BOISE VALLEY CANAL
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1986 TO OCTOBER 1987
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	---	---	---	---	---	0.0	41	48	42	44	44	27
2	---	---	---	---	---	0.0	43	48	42	44	44	9.0
3	---	---	---	---	---	0.0	44	48	42	44	44	0.0
4	---	---	---	---	---	0.0	46	48	42	44	44	0.0
5	---	---	---	---	---	0.0	48	48	42	44	44	0.0
6	---	---	---	---	---	0.0	48	48	42	44	44	0.0
7	---	---	---	---	---	0.0	48	48	42	44	44	0.0
8	---	---	---	---	---	0.0	48	48	42	44	44	0.0
9	---	---	---	---	---	0.0	48	48	42	44	44	0.0
10	---	---	---	---	---	0.0	48	48	42	44	44	0.0
11	---	---	---	---	---	0.0	48	48	42	44	44	0.0
12	---	---	---	---	---	5.0	48	47	42	44	44	0.0
13	---	---	---	---	---	10	48	47	42	44	44	0.0
14	---	---	---	---	---	10	48	47	42	44	44	0.0
15	---	---	---	---	---	10	48	46	42	44	44	0.0
16	---	---	---	---	---	35	48	46	43	44	44	0.0
17	---	---	---	---	---	35	48	46	44	44	44	0.0
18	---	---	---	---	---	35	48	46	45	44	44	0.0
19	---	---	---	---	---	35	48	46	46	44	44	0.0
20	---	---	---	---	---	35	48	46	47	44	44	0.0
21	---	---	---	---	---	35	48	46	48	44	29	0.0
22	---	---	---	---	---	35	48	46	48	44	29	0.0
23	---	---	---	---	---	36	48	46	48	44	29	0.0
24	---	---	---	---	---	37	48	46	48	44	29	0.0
25	---	---	---	---	---	38	48	45	48	44	29	0.0
26	---	---	---	---	---	39	48	45	42	44	29	0.0
27	---	---	---	---	---	40	48	44	42	44	29	0.0
28	---	---	---	---	---	41	48	43	42	44	29	0.0
29	---	---	---	---	---	41	48	42	42	44	27	0.0
30	---	---	---	---	---	41	48	42	42	44	27	0.0
31	---	---	---	---	---	41	48	42	43	44	27	0.0
TOTAL						---	48	---	43	44	---	0.0
MEAN						634	1470	1383	1344	1354	1147	36
MAX						21	47	46	43	44	38	1.2
MIN						41	48	48	48	44	44	27
AC-FT						0.0	41	42	42	44	27	0.0
						1258	2916	2743	2667	2685	2275	71
IRRIGATION YEAR 1987			TOTAL	7368	MEAN	20	AC-FT	14614				

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13206090 NEW DRY CREEK CANAL
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1986 TO OCTOBER 1987
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	---	---	---	---	---	0.0	69	38	63	53	40	34
2	---	---	---	---	---	0.0	63	38	62	54	42	34
3	---	---	---	---	---	0.0	58	42	62	55	43	35
4	---	---	---	---	---	0.0	52	46	61	57	44	35
5	---	---	---	---	---	0.0	52	50	61	60	45	36
6	---	---	---	---	---	0.0	56	54	60	57	46	29
7	---	---	---	---	---	0.0	59	58	52	60	47	29
8	---	---	---	---	---	0.0	63	62	53	57	47	28
9	---	---	---	---	---	0.0	66	62	53	62	45	28
10	---	---	---	---	---	0.0	70	63	54	55	44	28
11	---	---	---	---	---	0.0	73	64	54	54	42	27
12	---	---	---	---	---	0.0	73	65	55	56	41	27
13	---	---	---	---	---	0.0	71	66	55	50	40	18
14	---	---	---	---	---	0.0	69	68	55	47	38	9.0
15	---	---	---	---	---	13	67	69	55	47	36	0.0
16	---	---	---	---	---	25	64	69	55	47	38	0.0
17	---	---	---	---	---	38	62	72	54	49	38	0.0
18	---	---	---	---	---	50	60	77	54	54	38	0.0
19	---	---	---	---	---	50	60	66	54	52	38	0.0
20	---	---	---	---	---	50	60	64	54	50	38	0.0
21	---	---	---	---	---	52	60	64	54	49	47	0.0
22	---	---	---	---	---	54	60	10	52	49	47	0.0
23	---	---	---	---	---	60	59	60	46	49	44	0.0
24	---	---	---	---	---	68	59	60	48	47	42	0.0
25	---	---	---	---	---	77	59	57	46	45	40	0.0
26	---	---	---	---	---	85	59	56	48	38	38	0.0
27	---	---	---	---	---	85	56	62	50	40	35	0.0
28	---	---	---	---	---	85	52	63	50	45	33	0.0
29	---	---	---	---	---	80	49	63	51	40	33	0.0
30	---	---	---	---	---	74	45	63	52	38	34	0.0
31	---	---	---	---	---	---	42	---	53	40	---	0.0
TOTAL						945	1862	1750	1672	1555	1220	397
MEAN						31	60	58	54	50	41	13
MAX						85	73	77	63	62	47	36
MIN						0.0	42	10	46	38	33	0.0
AC-FT						1873	3693	3472	3316	3084	2419	788
IRRIGATION YEAR 1987			TOTAL	9401	MEAN	26	AC-FT	18646				

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13206092 NEW UNION CANAL
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1986 TO OCTOBER 1987
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	---	---	---	---	---	0.0	14	14	10	12	12	9.5
2	---	---	---	---	---	0.0	14	14	10	12	12	9.5
3	---	---	---	---	---	0.0	14	14	10	12	12	9.5
4	---	---	---	---	---	0.0	14	14	10	12	12	9.5
5	---	---	---	---	---	0.0	14	14	10	12	12	9.5
6	---	---	---	---	---	0.0	15	14	10	12	12	9.5
7	---	---	---	---	---	0.0	15	14	10	12	12	9.5
8	---	---	---	---	---	0.0	16	14	10	12	12	9.5
9	---	---	---	---	---	0.0	16	14	10	12	12	9.5
10	---	---	---	---	---	0.0	17	14	10	12	12	9.5
11	---	---	---	---	---	0.0	17	14	10	12	12	9.5
12	---	---	---	---	---	0.0	17	14	10	12	12	7.0
13	---	---	---	---	---	0.0	17	14	10	12	12	4.7
14	---	---	---	---	---	0.0	16	14	10	12	12	2.3
15	---	---	---	---	---	0.0	16	14	10	12	12	0.0
16	---	---	---	---	---	0.0	15	14	10	12	12	0.0
17	---	---	---	---	---	0.0	15	13	10	12	11	0.0
18	---	---	---	---	---	0.0	14	13	10	12	11	0.0
19	---	---	---	---	---	0.0	14	12	10	12	11	0.0
20	---	---	---	---	---	0.0	14	11	10	12	11	0.0
21	---	---	---	---	---	0.0	14	11	10	12	11	0.0
22	---	---	---	---	---	0.0	14	0.0	10	12	11	0.0
23	---	---	---	---	---	0.0	14	0.0	10	12	11	0.0
24	---	---	---	---	---	0.0	14	3.9	12	12	10	0.0
25	---	---	---	---	---	14	14	7.8	12	12	10	0.0
26	---	---	---	---	---	14	14	12	12	12	10	0.0
27	---	---	---	---	---	14	14	10	12	12	9.9	0.0
28	---	---	---	---	---	14	14	10	12	12	9.7	0.0
29	---	---	---	---	---	14	14	10	12	12	9.5	0.0
30	---	---	---	---	---	14	14	10	12	12	9.5	0.0
31	---	---	---	---	---	---	14	10	12	12	9.5	0.0
TOTAL						84	455	348	330	369	332	119
MEAN						2.8	15	12	11	12	11	3.8
MAX						14	17	14	12	12	12	9.5
MIN						0.0	14	0.0	10	12	9.5	0.0
AC-FT						167	902	690	654	733	658	235
IRRIGATION YEAR 1987												
TOTAL						2037	MEAN	6	AC-FT	4039		

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13206205 LEMP CANAL
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1986 TO OCTOBER 1987
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	---	---	---	---	---	0.0	4.0	6.0	1.0	5.3	4.0	1.3
2	---	---	---	---	---	0.0	4.7	6.0	2.0	5.7	4.0	2.0
3	---	---	---	---	---	0.0	5.3	5.7	3.0	6.0	4.0	2.7
4	---	---	---	---	---	0.0	6.0	5.3	4.0	6.0	4.0	3.3
5	---	---	---	---	---	0.0	6.0	5.0	5.0	5.7	4.0	4.0
6	---	---	---	---	---	0.0	5.3	4.7	6.0	5.3	4.0	4.0
7	---	---	---	---	---	0.0	4.7	4.3	6.0	5.0	4.0	3.8
8	---	---	---	---	---	0.0	4.0	4.0	5.7	4.7	4.0	3.6
9	---	---	---	---	---	0.0	4.0	4.0	5.3	4.3	4.0	3.3
10	---	---	---	---	---	0.0	4.0	3.3	5.0	4.0	4.0	3.1
11	---	---	---	---	---	0.0	4.0	2.7	4.7	4.0	4.0	2.9
12	---	---	---	---	---	0.0	4.0	2.0	4.3	4.0	4.0	2.7
13	---	---	---	---	---	0.0	4.3	1.3	4.0	4.0	4.0	2.4
14	---	---	---	---	---	0.0	4.7	0.7	4.0	4.0	4.0	2.2
15	---	---	---	---	---	0.7	5.0	0.0	4.3	4.0	4.0	2.0
16	---	---	---	---	---	1.3	5.3	6.0	4.7	4.0	4.0	0.0
17	---	---	---	---	---	2.0	5.7	5.0	5.0	4.0	4.0	0.0
18	---	---	---	---	---	2.7	6.0	4.0	5.3	4.0	4.0	0.0
19	---	---	---	---	---	3.3	6.0	3.0	5.7	4.0	4.0	0.0
20	---	---	---	---	---	4.0	5.7	2.0	6.0	4.0	4.0	0.0
21	---	---	---	---	---	6.0	5.3	1.0	6.0	4.0	4.0	0.0
22	---	---	---	---	---	6.0	5.0	0.0	5.7	4.0	4.0	0.0
23	---	---	---	---	---	6.0	4.7	0.0	5.3	4.0	3.3	0.0
24	---	---	---	---	---	6.0	4.3	0.0	5.0	4.0	2.7	0.0
25	---	---	---	---	---	4.0	4.0	0.0	4.7	4.0	2.0	0.0
26	---	---	---	---	---	4.0	4.0	0.0	4.3	4.0	1.3	0.0
27	---	---	---	---	---	4.0	4.3	0.0	4.0	4.0	0.7	0.0
28	---	---	---	---	---	4.0	4.7	0.0	4.0	4.0	0.0	0.0
29	---	---	---	---	---	4.0	5.0	0.0	4.3	4.0	0.0	0.0
30	---	---	---	---	---	4.0	5.3	0.0	4.7	4.0	0.7	0.0
31	---	---	---	---	---	---	5.7	---	5.0	4.0	---	0.0
TOTAL						62	151	76	144	136	99	43
MEAN						2.1	4.9	2.5	4.6	4.4	3.3	1.4
MAX						6.0	6.0	6.0	6.0	6.0	4.0	4.0
MIN						0.0	4.0	0.0	1.0	4.0	0.0	0.0
AC-FT						123	300	151	286	270	196	86
IRRIGATION YEAR 1987												
TOTAL						711	MEAN	2	AC-FT	1410		

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13206220 WARM SPRINGS CANAL
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1986 TO OCTOBER 1987
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	---	---	---	---	---	0.0	7.0	6.0	6.6	6.4	6.0	4.0
2	---	---	---	---	---	0.0	6.7	6.0	6.6	6.5	6.0	4.0
3	---	---	---	---	---	0.0	6.3	6.2	6.6	6.6	6.0	4.0
4	---	---	---	---	---	0.0	6.0	6.3	6.6	6.6	6.0	4.0
5	---	---	---	---	---	0.0	6.0	6.5	6.6	6.6	6.0	4.0
6	---	---	---	---	---	0.0	6.0	6.6	6.6	6.6	6.0	4.0
7	---	---	---	---	---	0.0	6.0	6.8	6.6	6.6	6.0	4.0
8	---	---	---	---	---	0.0	6.0	6.9	6.6	6.6	6.0	4.0
9	---	---	---	---	---	0.0	6.0	6.5	6.6	6.6	6.0	4.0
10	---	---	---	---	---	0.0	6.0	6.4	6.6	6.6	6.0	4.0
11	---	---	---	---	---	0.0	6.0	6.8	6.3	6.6	6.0	4.0
12	---	---	---	---	---	0.0	6.0	6.8	6.2	6.6	6.0	4.0
13	---	---	---	---	---	0.0	6.0	6.8	6.1	6.6	6.0	4.0
14	---	---	---	---	---	0.0	6.3	6.7	6.0	6.6	6.0	4.0
15	---	---	---	---	---	0.0	6.7	6.7	6.0	6.6	6.0	4.0
16	---	---	---	---	---	0.0	7.0	6.6	6.0	6.6	6.0	4.0
17	---	---	---	---	---	0.0	7.3	6.6	6.0	6.6	6.0	4.0
18	---	---	---	---	---	0.0	7.7	6.6	6.0	6.6	6.0	0.0
19	---	---	---	---	---	0.0	8.0	6.6	6.0	6.6	6.0	0.0
20	---	---	---	---	---	0.0	8.0	6.6	6.0	6.6	6.0	0.0
21	---	---	---	---	---	0.0	8.0	6.6	6.0	6.6	6.0	0.0
22	---	---	---	---	---	8.0	8.0	6.6	6.0	6.6	6.0	0.0
23	---	---	---	---	---	8.0	8.0	6.6	6.0	6.6	6.0	0.0
24	---	---	---	---	---	8.0	8.0	6.6	6.0	6.6	6.0	0.0
25	---	---	---	---	---	8.0	8.0	6.6	6.0	6.6	5.7	0.0
26	---	---	---	---	---	8.0	8.0	6.6	6.0	6.6	5.3	0.0
27	---	---	---	---	---	8.0	8.0	6.6	6.0	6.6	5.0	0.0
28	---	---	---	---	---	8.0	7.7	6.6	6.0	6.5	4.7	0.0
29	---	---	---	---	---	8.0	7.3	6.6	6.0	6.4	4.3	0.0
30	---	---	---	---	---	7.7	7.0	6.6	6.0	6.3	4.0	0.0
31	---	---	---	---	---	7.3	6.7	6.6	6.1	6.2	4.0	0.0
TOTAL						---	6.3	---	6.3	6.1	4.0	0.0
MEAN												
MAX						79	216	198	192	---	---	0.0
MIN						2.6	7.0	6.6	6.2	202	169	60
AC-FT						8.0	8.0	6.9	6.6	6.5	5.6	1.9
						0.0	6.0	6.0	6.6	6.0	6.0	4.0
						157	428	392	381	401	335	119
IRRIGATION YEAR 1987												
TOTAL						1116	MEAN	3	AC-FT	2213		

13206260 GRAHAM-GILBERT CANAL
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1986 TO OCTOBER 1987
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	---	---	---	---	---	0.0	3.0	3.0	3.0	3.0	3.0	1.0
2	---	---	---	---	---	0.0	3.0	3.0	3.0	3.0	3.0	1.5
3	---	---	---	---	---	0.0	3.0	3.0	3.0	3.0	3.0	2.0
4	---	---	---	---	---	0.0	3.0	3.0	3.0	3.0	3.0	2.5
5	---	---	---	---	---	0.0	3.0	3.0	3.0	3.0	3.0	0.0
6	---	---	---	---	---	0.0	3.0	0.0	3.0	3.0	3.0	0.0
7	---	---	---	---	---	0.0	3.0	0.0	3.0	3.0	3.0	0.0
8	---	---	---	---	---	0.0	3.0	0.0	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	---	---	---	---	---	0.0	3.0	3.0	3.0	3.0	0.0	0.0
13	---	---	---	---	---	0.0	3.0	3.0	3.0	3.0	0.0	0.0
14	---	---	---	---	---	0.0	3.0	3.0	3.0	3.0	0.0	0.0
15	---	---	---	---	---	0.0	3.0	3.0	3.0	3.0	0.0	0.0
16	---	---	---	---	---	0.0	3.0	3.0	3.0	3.0	0.0	0.0
17	---	---	---	---	---	0.0	3.0	3.0	3.0	3.0	0.0	0.0
18	---	---	---	---	---	0.0	3.0	3.0	3.0	3.0	0.0	0.0
19	---	---	---	---	---	0.0	3.0	3.0	3.0	3.0	0.0	0.0
20	---	---	---	---	---	0.0	3.0	3.0	3.0	2.5	0.0	0.0
21	---	---	---	---	---	0.0	3.0	3.0	3.0	2.0	0.0	0.0
22	---	---	---	---	---	3.0	3.0	3.0	3.0	1.5	0.0	0.0
23	---	---	---	---	---	3.0	3.0	3.0	3.0	1.0	0.0	0.0
24	---	---	---	---	---	3.0	3.0	3.0	3.0	0.5	0.0	0.0
25	---	---	---	---	---	3.0	3.0	3.0	3.0	0.0	0.0	0.0
26	---	---	---	---	---	3.0	3.0	3.0	3.0	0.0	0.0	0.0
27	---	---	---	---	---	3.0	3.0	3.0	3.0	0.5	0.0	0.0
28	---	---	---	---	---	3.0	3.0	3.0	3.0	1.0	0.0	0.0
29	---	---	---	---	---	3.0	3.0	3.0	3.0	1.5	0.0	0.0
30	---	---	---	---	---	3.0	3.0	3.0	3.0	2.0	0.0	0.0
31	---	---	---	---	---	3.0	3.0	3.0	3.0	2.5	0.5	0.0
TOTAL						30	93	81	93	72	22	7
MEAN						1.0	3.0	2.7	3.0	2.3	0.7	0.2
MAX						3.0	3.0	3.0	3.0	3.0	3.0	2.5
MIN						0.0	3.0	0.0	3.0	0.0	0.0	0.0
AC-FT						60	184	161	184	143	43	14
IRRIGATION YEAR 1987			TOTAL	398	MEAN	1	AC-FT	788				

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13206265 BALLENTYNE CANAL
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1986 TO OCTOBER 1987
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	---	---	---	---	---	0.0	17	17	15	9.6	9.6	10
2	---	---	---	---	---	0.0	17	17	15	9.7	9.7	10
3	---	---	---	---	---	0.0	16	17	14	9.7	9.7	9.9
4	---	---	---	---	---	0.0	16	17	13	9.8	9.8	9.7
5	---	---	---	---	---	0.0	16	16	13	9.9	9.9	9.6
6	---	---	---	---	---	0.0	16	16	12	9.9	9.9	9.6
7	---	---	---	---	---	0.0	16	16	12	10	10	9.6
8	---	---	---	---	---	0.0	16	16	12	15	10	9.6
9	---	---	---	---	---	0.0	16	16	12	15	11	9.6
10	---	---	---	---	---	0.0	16	16	12	15	11	9.6
11	---	---	---	---	---	0.0	16	16	12	15	12	9.6
12	---	---	---	---	---	0.0	16	16	12	14	12	9.6
13	---	---	---	---	---	0.0	16	16	12	14	13	9.6
14	---	---	---	---	---	0.0	16	16	12	14	13	9.6
15	---	---	---	---	---	2.8	17	16	13	14	13	9.6
16	---	---	---	---	---	5.7	17	16	13	14	13	0.0
17	---	---	---	---	---	8.5	17	16	14	14	12	0.0
18	---	---	---	---	---	11	17	15	14	14	12	0.0
19	---	---	---	---	---	14	17	15	15	13	12	0.0
20	---	---	---	---	---	17	17	15	16	12	11	0.0
21	---	---	---	---	---	17	17	15	16	11	11	0.0
22	---	---	---	---	---	17	17	15	16	10	11	0.0
23	---	---	---	---	---	17	17	15	16	9.5	11	0.0
24	---	---	---	---	---	17	17	15	16	8.7	11	0.0
25	---	---	---	---	---	17	17	15	16	8.7	11	0.0
26	---	---	---	---	---	17	17	15	16	8.9	11	0.0
27	---	---	---	---	---	17	17	0.0	16	9.0	11	0.0
28	---	---	---	---	---	17	17	16	16	9.2	10	0.0
29	---	---	---	---	---	17	17	16	15	9.3	10	0.0
30	---	---	---	---	---	17	17	16	15	9.5	10	0.0
31	---	---	---	---	---	---	17	---	15	9.6	10	0.0
TOTAL						230	515	454	433	353	329	145
MEAN						7.7	17	15	14	11	11	4.7
MAX						17	17	17	16	15	13	10
MIN						0.0	16	0.0	12	8.7	9.6	0.0
AC-FT						455	1021	900	859	701	652	288
IRRIGATION YEAR 1987						TOTAL	2459	MEAN	7	AC-FT	4876	

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13206270 CONWAY-HAMMING CANAL
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1986 TO OCTOBER 1987
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	---	---	---	---	---	0.0	4.0	0.0	3.0	3.0	1.6	1.0
2	---	---	---	---	---	0.0	4.0	4.0	3.0	3.0	1.8	1.5
3	---	---	---	---	---	0.0	4.0	4.0	3.0	3.0	2.1	2.0
4	---	---	---	---	---	0.0	4.0	4.0	3.0	3.0	2.3	2.5
5	---	---	---	---	---	0.0	4.0	4.0	3.0	3.2	2.5	3.0
6	---	---	---	---	---	0.0	4.0	4.0	3.0	3.3	2.8	3.0
7	---	---	---	---	---	0.0	4.0	4.0	3.0	3.5	3.0	3.0
8	---	---	---	---	---	0.0	4.0	4.0	3.2	3.7	3.0	3.0
9	---	---	---	---	---	3.0	4.0	4.0	3.3	3.8	3.0	3.0
10	---	---	---	---	---	3.0	4.0	4.0	3.5	4.0	3.0	3.0
11	---	---	---	---	---	3.0	4.0	4.0	3.7	4.0	3.0	3.0
12	---	---	---	---	---	3.0	4.0	4.0	3.8	3.8	3.0	3.0
13	---	---	---	---	---	3.0	4.0	4.0	4.0	3.7	3.0	3.0
14	---	---	---	---	---	3.0	4.0	4.0	4.0	3.5	3.0	3.0
15	---	---	---	---	---	3.2	4.0	4.0	3.8	3.3	3.0	3.0
16	---	---	---	---	---	3.3	4.0	4.0	3.7	3.2	3.0	0.0
17	---	---	---	---	---	3.5	0.0	3.3	3.5	3.0	3.0	0.0
18	---	---	---	---	---	3.7	0.0	2.7	3.3	3.0	3.0	0.0
19	---	---	---	---	---	3.8	4.0	2.0	3.2	3.0	3.0	0.0
20	---	---	---	---	---	4.0	4.0	1.3	3.0	3.0	3.0	0.0
21	---	---	---	---	---	4.0	4.0	0.7	3.0	3.0	3.0	0.0
22	---	---	---	---	---	3.8	4.0	0.0	3.0	3.0	3.0	0.0
23	---	---	---	---	---	3.7	4.0	0.0	3.0	3.0	2.5	0.0
24	---	---	---	---	---	3.5	4.0	0.7	3.0	3.0	2.0	0.0
25	---	---	---	---	---	3.3	4.0	1.3	3.0	0.0	1.5	0.0
26	---	---	---	---	---	3.2	4.0	2.0	3.0	0.2	1.0	0.0
27	---	---	---	---	---	3.0	3.3	2.7	3.0	0.5	0.5	0.0
28	---	---	---	---	---	4.0	2.7	3.3	3.0	0.7	0.0	0.0
29	---	---	---	---	---	4.0	2.0	4.0	3.0	0.9	0.0	0.0
30	---	---	---	---	---	4.0	1.3	3.0	3.0	1.2	0.5	0.0
31	---	---	---	---	---	---	0.7	---	3.0	1.4	---	0.0
TOTAL						76	106	87	100	84	69	40
MEAN						2.5	3.4	2.9	3.2	2.7	2.3	1.3
MAX						4.0	4.0	4.0	4.0	4.0	3.0	3.0
MIN						0.0	0.0	0.0	3.0	0.0	0.0	0.0
AC-FT						151	210	173	198	166	137	79
IRRIGATION YEAR 1987						TOTAL	562	MEAN	2	AC-FT	1114	

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13286274 EAGLE ISLAND PARK
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1986 TO OCTOBER 1987
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	0.4
12	---	---	---	---	---	0.0	0.3	0.3	0.3	0.3	0.3	0.4
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	---	---	---	---	---	0.3	0.3	0.3	0.3	0.3	0.3	---
17	---	---	---	---	---	0.3	0.3	0.3	0.3	0.3	0.3	---
18	---	---	---	---	---	0.3	0.3	0.3	0.3	0.3	0.3	---
19	---	---	---	---	---	0.3	0.2	0.3	0.2	0.2	0.3	---
20	---	---	---	---	---	0.3	0.2	0.3	0.2	0.2	0.3	---
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	---	---	---	---	---	0.4	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	---	---	---	---	---	---	0.2	---	0.2	0.2	0.2	---
TOTAL						5	8	8	8	8	8	5
MEAN						0.2	0.3	0.3	0.3	0.3	0.3	0.3
MAX						0.4	0.3	0.3	0.3	0.3	0.3	0.4
MIN						0.0	0.2	0.2	0.2	0.2	0.2	0.3
AC-FT						10	16	16	16	16	16	10
IRRIGATION YEAR 1987						50	MEAN	0	AC-FT	99		

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13206290 THOMAS AIKEN CANAL
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1986 TO OCTOBER 1987
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	---	---	---	---	---	0.0	4.0	4.0	0.7	4.0	4.0	3.0
2	---	---	---	---	---	0.0	4.0	4.0	1.3	4.0	4.0	3.0
3	---	---	---	---	---	0.0	4.0	4.0	2.0	4.0	4.0	3.0
4	---	---	---	---	---	0.0	4.0	4.0	2.7	4.0	4.0	3.0
5	---	---	---	---	---	0.0	4.0	4.0	3.3	4.0	4.0	3.0
6	---	---	---	---	---	0.0	4.0	4.0	4.0	4.0	4.0	3.0
7	---	---	---	---	---	0.0	4.0	4.0	4.0	4.0	4.0	3.0
8	---	---	---	---	---	0.0	4.0	4.0	4.0	4.0	4.0	3.0
9	---	---	---	---	---	0.0	4.0	4.0	4.0	4.0	4.0	3.0
10	---	---	---	---	---	0.0	4.0	4.0	4.0	4.0	4.0	3.0
11	---	---	---	---	---	0.0	4.0	4.0	4.0	4.0	4.0	3.0
12	---	---	---	---	---	0.0	4.0	4.0	4.0	3.7	4.0	3.0
13	---	---	---	---	---	0.0	4.0	4.0	4.0	3.4	4.0	3.0
14	---	---	---	---	---	4.0	4.0	4.0	4.0	3.1	4.0	3.0
15	---	---	---	---	---	4.0	4.0	4.0	4.0	2.8	4.0	3.0
16	---	---	---	---	---	4.0	4.0	4.0	4.0	2.5	3.3	0.0
17	---	---	---	---	---	4.0	4.0	4.0	4.0	2.2	2.7	0.0
18	---	---	---	---	---	4.0	4.0	4.0	4.0	1.8	2.0	0.0
19	---	---	---	---	---	4.0	4.0	4.0	4.0	1.5	1.3	0.0
20	---	---	---	---	---	4.0	4.0	4.0	4.0	1.2	0.7	0.0
21	---	---	---	---	---	4.0	4.0	4.0	4.0	0.9	0.0	0.0
22	---	---	---	---	---	4.0	4.0	4.0	4.0	0.6	0.0	0.0
23	---	---	---	---	---	4.0	4.0	4.0	4.0	0.3	0.5	0.0
24	---	---	---	---	---	4.0	4.0	3.3	4.0	0.0	1.0	0.0
25	---	---	---	---	---	4.0	4.0	2.7	4.0	0.0	1.5	0.0
26	---	---	---	---	---	4.0	4.0	2.0	4.0	0.7	2.0	0.0
27	---	---	---	---	---	4.0	4.0	1.3	4.0	1.3	2.5	0.0
28	---	---	---	---	---	4.0	4.0	0.7	4.0	2.0	3.0	0.0
29	---	---	---	---	---	4.0	4.0	0.0	4.0	2.7	3.0	0.0
30	---	---	---	---	---	4.0	4.0	0.0	4.0	3.3	3.0	0.0
31	---	---	---	---	---	---	4.0	---	4.0	4.0	---	0.0
TOTAL						68	124	102	114	82	87	45
MEAN						2.3	4.0	3.4	3.7	2.6	2.9	1.5
MAX						4.0	4.0	4.0	4.0	4.0	4.0	3.0
MIN						0.0	4.0	0.0	0.7	0.0	0.0	0.0
AC-FT						135	246	202	226	163	172	89
IRRIGATION YEAR 1987						TOTAL	622	MEAN	2	AC-FT	1232	

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13206292 MACE-CATLIN CANAL
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1986 TO OCTOBER 1987
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	---	---	---	---	---	0.0	5.5	10	5.2	8.7	7.2	7.0
2	---	---	---	---	---	0.0	6.7	10	5.5	8.8	7.2	7.0
3	---	---	---	---	---	0.0	7.8	9.5	5.9	9.0	7.2	7.0
4	---	---	---	---	---	0.0	9.0	9.1	6.3	9.0	7.2	7.0
5	---	---	---	---	---	0.0	9.0	8.6	6.6	8.8	7.2	7.0
6	---	---	---	---	---	5.0	8.3	8.1	7.0	8.7	7.2	7.0
7	---	---	---	---	---	5.0	7.7	7.7	7.0	8.5	7.2	7.0
8	---	---	---	---	---	5.0	7.0	7.2	7.2	8.3	7.2	7.0
9	---	---	---	---	---	5.0	6.3	7.2	7.3	8.2	7.2	7.0
10	---	---	---	---	---	5.0	5.7	7.2	7.5	8.0	7.1	7.0
11	---	---	---	---	---	5.0	5.0	7.1	7.7	8.0	7.1	7.0
12	---	---	---	---	---	5.0	5.0	7.1	7.8	8.0	7.1	7.0
13	---	---	---	---	---	5.0	5.9	7.1	8.0	8.0	7.0	7.0
14	---	---	---	---	---	5.0	6.8	7.0	8.0	8.0	7.0	7.0
15	---	---	---	---	---	5.7	7.8	7.0	8.0	8.0	7.0	7.0
16	---	---	---	---	---	6.3	8.7	7.0	8.0	8.0	7.0	3.0
17	---	---	---	---	---	7.0	9.6	7.4	8.0	8.0	7.0	0.0
18	---	---	---	---	---	7.7	11	7.8	8.0	8.0	7.0	0.0
19	---	---	---	---	---	8.3	11	8.2	8.0	8.0	7.0	0.0
20	---	---	---	---	---	9.0	9.8	8.6	8.0	8.0	7.0	0.0
21	---	---	---	---	---	9.0	9.0	9.0	8.0	8.0	7.0	0.0
22	---	---	---	---	---	7.8	8.3	9.4	8.0	8.0	7.0	0.0
23	---	---	---	---	---	6.7	7.5	9.4	8.0	8.0	7.0	0.0
24	---	---	---	---	---	5.5	6.8	8.6	8.0	8.0	7.0	0.0
25	---	---	---	---	---	4.3	6.0	7.9	8.0	8.0	7.0	0.0
26	---	---	---	---	---	3.2	6.0	7.1	8.0	7.9	7.0	0.0
27	---	---	---	---	---	2.0	6.7	6.3	8.0	7.7	7.0	0.0
28	---	---	---	---	---	2.0	7.3	5.6	8.0	7.6	7.0	0.0
29	---	---	---	---	---	3.2	8.0	4.8	8.2	7.5	7.0	0.0
30	---	---	---	---	---	4.3	8.7	4.8	8.3	7.3	7.0	0.0
31	---	---	---	---	---	---	9.3	---	8.5	7.2	---	0.0
TOTAL						137	236	232	234	251	212	101
MEAN						4.6	7.6	7.7	7.5	8.1	7.1	3.3
MAX						9.0	11	10	8.5	9.0	7.2	7.0
MIN						0.0	5.0	4.8	5.2	7.2	7.0	0.0
AC-FT						272	469	460	464	498	421	200
IRRIGATION YEAR 1987			TOTAL	1403	MEAN	4	AC-FT	2783				

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1326795 MACE-WACE CANAL
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1986 TO OCTOBER 1987
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	---	---	---	---	---	2.0	0.0	0.0	0.0	0.0	0.0	0.0
15	---	---	---	---	---	2.0	0.0	0.0	0.0	0.0	0.0	0.0
16	---	---	---	---	---	2.0	0.0	0.0	0.0	0.0	0.0	0.0
17	---	---	---	---	---	2.0	0.0	0.0	0.0	0.0	0.0	0.0
18	---	---	---	---	---	2.0	0.0	0.0	0.0	0.0	0.0	0.0
19	---	---	---	---	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20	---	---	---	---	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21	---	---	---	---	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22	---	---	---	---	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23	---	---	---	---	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24	---	---	---	---	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25	---	---	---	---	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26	---	---	---	---	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27	---	---	---	---	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28	---	---	---	---	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29	---	---	---	---	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30	---	---	---	---	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31	---	---	---	---	---	---	0.0	---	0.0	0.0	0.0	0.0
TOTAL						10	0	0	0	0	0	0
MEAN						0.3	0.0	0.0	0.0	0.0	0.0	0.0
MAX						2.0	0.0	0.0	0.0	0.0	0.0	0.0
MIN						0.0	0.0	0.0	0.0	0.0	0.0	0.0
AC-FT						20	0	0	0	0	0	0
IRRIGATION YEAR 1987			TOTAL	10	MEAN	0	AC-FT	19				

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13208450 HART-DAVIS CANAL
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1986 TO OCTOBER 1987
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	---	---	---	---	---	0.0	9.0	0.0	6.0	9.0	8.0	0.0
2	---	---	---	---	---	0.0	9.0	0.0	6.0	9.0	8.0	0.0
3	---	---	---	---	---	0.0	9.0	0.0	6.0	9.0	8.0	0.0
4	---	---	---	---	---	0.0	9.0	0.0	6.0	9.0	8.0	0.0
5	---	---	---	---	---	0.0	9.0	9.0	6.0	9.0	8.0	0.0
6	---	---	---	---	---	0.0	9.0	9.0	6.0	9.0	8.0	0.0
7	---	---	---	---	---	8.0	9.0	9.0	6.0	9.0	8.0	0.0
8	---	---	---	---	---	8.0	9.0	9.0	6.0	9.0	8.0	0.0
9	---	---	---	---	---	8.0	9.0	9.0	6.0	9.0	8.0	0.0
10	---	---	---	---	---	8.0	9.0	9.0	6.5	9.0	8.0	0.0
11	---	---	---	---	---	8.0	9.0	9.0	7.0	9.0	8.0	0.0
12	---	---	---	---	---	8.0	9.0	9.0	7.5	9.0	8.0	0.0
13	---	---	---	---	---	8.0	9.0	9.0	8.0	9.0	8.0	0.0
14	---	---	---	---	---	8.0	9.0	9.0	8.5	9.0	8.0	0.0
15	---	---	---	---	---	8.0	9.0	9.0	9.0	8.7	8.0	0.0
16	---	---	---	---	---	8.0	9.0	9.0	9.0	8.5	8.0	0.0
17	---	---	---	---	---	8.0	9.0	9.0	9.0	8.3	8.0	0.0
18	---	---	---	---	---	8.0	9.0	9.0	9.0	8.2	8.0	0.0
19	---	---	---	---	---	8.0	9.0	8.5	9.0	8.0	8.0	0.0
20	---	---	---	---	---	8.0	9.0	8.0	9.0	8.0	8.0	0.0
21	---	---	---	---	---	8.0	9.0	7.5	9.0	8.0	8.0	0.0
22	---	---	---	---	---	8.0	9.0	7.0	9.0	8.0	8.0	0.0
23	---	---	---	---	---	8.0	9.0	6.5	9.0	8.0	8.0	0.0
24	---	---	---	---	---	8.2	9.0	6.0	9.0	8.0	8.0	0.0
25	---	---	---	---	---	8.3	9.0	6.0	9.0	8.0	8.0	0.0
26	---	---	---	---	---	8.5	9.0	6.0	9.0	8.0	6.7	0.0
27	---	---	---	---	---	8.7	9.0	6.0	9.0	8.0	5.3	0.0
28	---	---	---	---	---	8.8	9.0	6.0	9.0	8.0	4.0	0.0
29	---	---	---	---	---	9.0	9.0	6.0	9.0	8.0	2.7	0.0
30	---	---	---	---	---	9.0	0.0	6.0	9.0	8.0	1.3	0.0
31	---	---	---	---	---	9.0	0.0	6.0	9.0	8.0	0.0	0.0
TOTAL						---	0.0	6.0	9.0	8.0	0.0	0.0
MEAN						---	0.0	---	9.0	8.0	0.0	0.0
MAX						207	243	209	251	262	196	0
MIN						6.9	7.8	6.9	8.1	8.4	6.5	0.0
AC-FT						9.0	9.0	9.0	9.0	9.0	8.0	0.0
						0.0	0.0	0.0	6.0	8.0	0.0	0.0
						410	482	414	497	519	389	0
IRRIGATION YEAR 1987			TOTAL	1366	MEAN	4	AC-FT	2709				

13208710 MIDDLETON CANAL
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1986 TO OCTOBER 1987
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	---	---	---	---	---	0.0	145	136	126	110	89	82
2	---	---	---	---	---	0.0	142	135	130	110	89	81
3	---	---	---	---	---	0.0	138	135	124	111	91	81
4	---	---	---	---	---	0.0	135	136	122	111	91	81
5	---	---	---	---	---	0.0	132	137	119	111	93	80
6	---	---	---	---	---	0.0	132	138	120	112	90	80
7	---	---	---	---	---	0.0	128	138	123	112	90	80
8	---	---	---	---	---	0.0	125	139	123	113	90	80
9	---	---	---	---	---	0.0	125	140	123	114	90	80
10	---	---	---	---	---	0.0	127	140	123	114	89	80
11	---	---	---	---	---	0.0	130	140	120	115	89	80
12	---	---	---	---	---	0.0	136	140	118	115	88	80
13	---	---	---	---	---	0.0	136	140	117	113	87	80
14	---	---	---	---	---	52	138	140	118	111	87	80
15	---	---	---	---	---	80	139	140	120	109	86	80
16	---	---	---	---	---	80	141	140	117	106	86	79
17	---	---	---	---	---	130	140	140	117	104	86	78
18	---	---	---	---	---	80	136	139	115	102	85	76
19	---	---	---	---	---	80	136	139	120	102	85	75
20	---	---	---	---	---	80	136	138	120	101	85	74
21	---	---	---	---	---	143	137	137	118	101	84	73
22	---	---	---	---	---	143	137	137	118	100	84	71
23	---	---	---	---	---	144	138	136	118	99	84	70
24	---	---	---	---	---	146	139	136	116	99	84	69
25	---	---	---	---	---	147	139	134	111	98	83	68
26	---	---	---	---	---	148	140	131	109	98	83	66
27	---	---	---	---	---	150	140	129	109	97	83	65
28	---	---	---	---	---	151	139	127	109	95	82	64
29	---	---	---	---	---	151	138	124	109	94	82	63
30	---	---	---	---	---	148	138	122	109	92	82	61
31	---	---	---	---	---	---	137	---	110	91	---	60
TOTAL						2053	4218	4082	3651	3258	2597	2315
MEAN						68	136	136	118	105	87	75
MAX						151	145	140	130	115	93	82
MIN						0.0	125	122	109	91	82	60
AC-FT						4072	8367	8097	7242	6462	5151	4593
IRRIGATION YEAR 1987			TOTAL	22175	MEAN	61	AC-FT	43983				

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13208738 BARBER PUMPS
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1986 TO OCTOBER 1987
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	---	---	---	---	---	0.0	0.7	0.0	0.0	0.7	0.0	0.0
2	---	---	---	---	---	0.0	0.7	0.7	0.7	0.7	0.0	0.0
3	---	---	---	---	---	0.0	0.0	0.7	0.7	0.7	0.7	0.0
4	---	---	---	---	---	0.0	0.0	0.7	0.7	0.0	0.7	0.0
5	---	---	---	---	---	0.0	0.7	0.7	0.7	0.0	0.7	0.0
6	---	---	---	---	---	0.0	0.7	0.7	0.7	0.0	0.7	0.0
7	---	---	---	---	---	0.0	0.7	0.7	0.7	0.7	0.7	0.0
8	---	---	---	---	---	0.0	0.7	0.0	0.0	0.7	0.7	0.0
9	---	---	---	---	---	0.0	0.7	0.0	0.0	0.7	0.0	0.0
10	---	---	---	---	---	0.0	0.7	0.0	0.7	0.7	0.0	0.0
11	---	---	---	---	---	0.0	0.0	0.0	0.7	0.7	0.0	0.0
12	---	---	---	---	---	0.0	0.0	0.7	0.7	0.0	0.0	0.0
13	---	---	---	---	---	0.0	0.7	0.7	0.7	0.0	0.0	0.0
14	---	---	---	---	---	0.0	0.7	0.7	0.7	0.7	0.0	0.0
15	---	---	---	---	---	0.7	0.7	0.7	0.0	0.7	0.0	0.0
16	---	---	---	---	---	0.7	0.7	0.7	0.0	0.7	0.0	0.0
17	---	---	---	---	---	0.7	0.7	0.0	0.7	0.7	0.0	0.0
18	---	---	---	---	---	0.7	0.0	0.0	0.7	0.7	0.0	0.0
19	---	---	---	---	---	0.7	0.0	0.7	0.7	0.0	0.0	0.0
20	---	---	---	---	---	0.7	0.0	0.7	0.7	0.0	0.0	0.0
21	---	---	---	---	---	0.7	0.7	0.7	0.7	0.0	0.0	0.0
22	---	---	---	---	---	0.0	0.7	0.7	0.0	0.7	0.0	0.0
23	---	---	---	---	---	0.0	0.7	0.7	0.0	0.7	0.0	0.0
24	---	---	---	---	---	0.7	0.7	0.0	0.0	0.7	0.0	0.0
25	---	---	---	---	---	0.7	0.0	0.0	0.0	0.7	0.0	0.0
26	---	---	---	---	---	0.7	0.0	0.7	0.0	0.7	0.0	0.0
27	---	---	---	---	---	0.0	0.7	0.7	0.0	0.0	0.0	0.0
28	---	---	---	---	---	0.0	0.7	0.7	0.0	0.0	0.0	0.0
29	---	---	---	---	---	0.7	0.7	0.7	0.0	0.0	0.0	0.0
30	---	---	---	---	---	0.7	0.7	0.7	0.0	0.7	0.0	0.0
31	---	---	---	---	---	0.7	0.7	0.7	0.0	0.7	0.0	0.0
TOTAL						---	0.0	---	0.7	0.7	0.0	0.0
MEAN						9	15		12	16	---	0.0
MAX						0.3	0.5	14	12	16		0
MIN						0.7	0.7	0.5	0.4	0.5	4	0
AC-FT						0.0	0.0	0.7	0.7	0.7	0.1	0.0
						18	29	28	24	32	7	0
IRRIGATION YEAR 1987												
TOTAL				69	MEAN	0	AC-FT	137				

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13208740 SEVEN SUCKERS CANAL
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1986 TO OCTOBER 1987
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	---	---	---	---	---	0.0	1.2	1.2	1.2	1.2	1.2	0.8
2	---	---	---	---	---	0.0	1.2	1.2	1.2	1.2	1.2	0.6
3	---	---	---	---	---	0.0	1.2	1.2	1.2	1.2	1.2	0.4
4	---	---	---	---	---	0.0	1.2	1.2	1.2	1.2	1.2	0.2
5	---	---	---	---	---	0.0	1.2	1.2	1.2	1.2	1.2	0.0
6	---	---	---	---	---	0.0	1.2	1.2	1.2	1.2	1.2	0.0
7	---	---	---	---	---	0.0	1.2	1.2	1.2	1.2	1.2	1.2
8	---	---	---	---	---	0.0	1.2	1.2	1.2	1.2	1.2	1.2
9	---	---	---	---	---	0.0	1.2	1.2	1.2	1.2	1.2	1.2
10	---	---	---	---	---	0.0	1.2	1.2	1.2	1.2	1.2	1.2
11	---	---	---	---	---	0.0	1.2	1.2	1.2	1.2	1.2	1.2
12	---	---	---	---	---	0.0	1.2	1.2	1.2	1.2	1.2	1.2
13	---	---	---	---	---	0.0	1.2	1.2	1.2	1.2	1.2	1.2
14	---	---	---	---	---	0.0	1.2	1.2	1.2	1.2	1.2	1.2
15	---	---	---	---	---	0.0	1.2	1.2	1.2	1.2	1.2	1.2
16	---	---	---	---	---	0.0	1.2	1.2	1.2	1.2	1.2	1.2
17	---	---	---	---	---	0.0	1.2	1.2	1.2	1.2	1.2	1.0
18	---	---	---	---	---	0.0	1.2	1.2	1.2	1.2	1.2	0.0
19	---	---	---	---	---	0.0	1.2	1.2	1.2	1.2	1.2	0.0
20	---	---	---	---	---	0.0	1.2	1.2	1.2	1.2	1.2	0.0
21	---	---	---	---	---	0.0	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	---	---	---	---	---	1.2	1.2	1.2	1.2	1.2	1.2	0.0
29	---	---	---	---	---	1.2	1.2	1.2	1.2	1.2	1.2	0.0
30	---	---	---	---	---	1.2	1.2	1.2	1.2	1.2	1.2	0.0
31	---	---	---	---	---	1.2	1.2	1.2	1.2	1.2	1.2	0.0
TOTAL						---	1.2	---	1.2	1.2	1.0	0.0
MEAN						12	37	36	37	37	36	14
MAX						0.4	1.2	1.2	1.2	1.2	1.2	0.4
MIN						1.2	1.2	1.2	1.2	1.2	1.2	0.0
AC-FT						0.0	1.2	1.2	1.2	1.2	1.0	0.0
						24	74	71	74	74	71	27
IRRIGATION YEAR 1987												
TOTAL						209	MEAN	1	AC-FT	414		

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13209480 PHYLLIS CANAL
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1986 TO OCTOBER 1987
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	---	---	---	---	---	0.0	495	315	430	389	283	207
2	---	---	---	---	---	0.0	487	307	433	385	287	207
3	---	---	---	---	---	0.0	478	307	436	385	293	207
4	---	---	---	---	---	0.0	469	327	439	389	299	211
5	---	---	---	---	---	0.0	460	348	442	375	299	212
6	---	---	---	---	---	0.0	460	368	445	375	299	213
7	---	---	---	---	---	25	455	388	448	376	308	210
8	---	---	---	---	---	50	450	388	448	376	316	210
9	---	---	---	---	---	50	445	388	448	375	316	70
10	---	---	---	---	---	120	440	388	448	375	309	0.0
11	---	---	---	---	---	150	438	388	420	368	305	0.0
12	---	---	---	---	---	179	444	366	420	368	296	0.0
13	---	---	---	---	---	209	444	366	420	368	284	0.0
14	---	---	---	---	---	238	471	360	420	366	276	0.0
15	---	---	---	---	---	238	471	366	420	356	269	0.0
16	---	---	---	---	---	281	461	388	425	356	265	0.0
17	---	---	---	---	---	323	461	388	425	348	258	0.0
18	---	---	---	---	---	366	458	388	425	346	251	0.0
19	---	---	---	---	---	408	419	388	425	346	243	0.0
20	---	---	---	---	---	422	419	388	425	338	230	0.0
21	---	---	---	---	---	448	417	388	400	330	232	0.0
22	---	---	---	---	---	493	415	373	400	325	232	0.0
23	---	---	---	---	---	493	412	357	400	325	221	0.0
24	---	---	---	---	---	493	410	357	400	320	210	0.0
25	---	---	---	---	---	511	408	361	382	307	198	0.0
26	---	---	---	---	---	511	381	361	381	325	198	0.0
27	---	---	---	---	---	513	381	400	381	308	198	0.0
28	---	---	---	---	---	513	347	400	382	297	207	0.0
29	---	---	---	---	---	513	339	400	385	299	207	0.0
30	---	---	---	---	---	504	331	424	389	299	207	0.0
31	---	---	---	---	---	---	323	---	389	293	---	0.0
TOTAL						8049	13288	11130	12931	10788	7796	1747
MEAN						268	429	371	417	348	260	56
MAX						513	495	424	448	389	316	213
MIN						0.0	323	307	381	293	198	0.0
AC-FT						15966	26357	22077	25649	21398	15463	3465
IRRIGATION YEAR 1987						TOTAL	65730	MEAN	180	AC-FT	130374	

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16-NOV-87

13209482 EUREKA #1 CANAL
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1986 TO OCTOBER 1987
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	---	---	---	---	---	0.0	30	32	30	20	20	20
2	---	---	---	---	---	0.0	30	32	28	20	20	20
3	---	---	---	---	---	0.0	30	32	26	20	20	20
4	---	---	---	---	---	0.0	30	32	23	20	20	20
5	---	---	---	---	---	0.0	30	32	21	20	20	20
6	---	---	---	---	---	0.0	30	32	19	20	20	20
7	---	---	---	---	---	0.0	30	31	17	20	20	20
8	---	---	---	---	---	5.0	30	31	17	20	20	20
9	---	---	---	---	---	5.9	31	31	17	20	20	20
10	---	---	---	---	---	6.7	31	31	17	20	20	20
11	---	---	---	---	---	7.6	31	31	18	20	20	7.0
12	---	---	---	---	---	8.4	32	31	18	20	20	0.0
13	---	---	---	---	---	9.3	32	31	19	20	20	0.0
14	---	---	---	---	---	10	32	31	19	20	20	0.0
15	---	---	---	---	---	11	32	31	20	20	20	0.0
16	---	---	---	---	---	11	32	31	20	20	20	0.0
17	---	---	---	---	---	15	32	31	20	20	20	0.0
18	---	---	---	---	---	18	32	31	19	20	20	0.0
19	---	---	---	---	---	22	32	30	19	20	20	0.0
20	---	---	---	---	---	25	32	30	19	20	20	0.0
21	---	---	---	---	---	29	32	29	19	20	20	0.0
22	---	---	---	---	---	32	32	28	19	20	20	0.0
23	---	---	---	---	---	32	32	28	19	20	20	0.0
24	---	---	---	---	---	32	32	27	19	20	20	0.0
25	---	---	---	---	---	32	32	27	19	20	20	0.0
26	---	---	---	---	---	32	32	28	20	20	20	0.0
27	---	---	---	---	---	32	32	28	20	20	20	0.0
28	---	---	---	---	---	32	32	28	20	20	20	0.0
29	---	---	---	---	---	32	32	29	20	20	20	0.0
30	---	---	---	---	---	30	32	29	20	20	20	0.0
31	---	---	---	---	---	30	32	30	20	20	20	0.0
TOTAL						---	32	---	20	20	20	0.0
MEAN						499	975	901	622	622	605	167
MAX						17	31	30	20	20	20	5.4
MIN						32	32	32	20	20	20	20
AC-FT						0.0	30	27	17	20	20	0.0
IRRIGATION YEAR 1987						989	1934	1788	1235	1234	1199	331
TOTAL				4391	MEAN	12	AC-FT	8709				

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13209630 LITTLE PIONEER CANAL
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1986 TO OCTOBER 1987
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	---	---	---	---	---	7.0	31	31	28	22	17	24
2	---	---	---	---	---	7.9	30	31	28	22	17	24
3	---	---	---	---	---	8.8	29	31	29	23	19	25
4	---	---	---	---	---	9.8	28	31	29	24	20	25
5	---	---	---	---	---	11	27	31	30	24	22	25
6	---	---	---	---	---	12	27	31	31	23	23	25
7	---	---	---	---	---	13	28	31	31	23	25	25
8	---	---	---	---	---	13	28	31	31	23	26	25
9	---	---	---	---	---	14	29	31	30	23	26	25
10	---	---	---	---	---	15	29	31	29	23	27	24
11	---	---	---	---	---	16	30	31	29	23	28	24
12	---	---	---	---	---	17	30	31	28	23	29	24
13	---	---	---	---	---	18	30	31	27	23	30	24
14	---	---	---	---	---	18	30	31	26	23	31	24
15	---	---	---	---	---	20	30	31	26	23	32	23
16	---	---	---	---	---	21	31	31	27	23	32	23
17	---	---	---	---	---	23	31	31	27	23	31	23
18	---	---	---	---	---	24	31	30	28	24	30	23
19	---	---	---	---	---	26	31	29	29	24	29	23
20	---	---	---	---	---	27	31	28	29	23	28	22
21	---	---	---	---	---	27	31	27	30	23	26	22
22	---	---	---	---	---	28	31	26	30	23	25	22
23	---	---	---	---	---	28	31	25	28	22	25	22
24	---	---	---	---	---	29	31	25	26	22	25	22
25	---	---	---	---	---	29	31	26	25	21	25	21
26	---	---	---	---	---	30	31	26	23	21	25	21
27	---	---	---	---	---	30	31	26	21	21	24	21
28	---	---	---	---	---	31	31	27	19	20	24	21
29	---	---	---	---	---	31	31	27	19	19	24	21
30	---	---	---	---	---	31	31	28	20	19	24	20
31	---	---	---	---	---	---	31	---	21	18	---	20
TOTAL						614	930	877	833	689	768	710
MEAN						20	30	29	27	22	26	23
MAX						31	31	31	31	24	32	25
MIN						7.0	27	25	19	18	17	20
AC-FT						1218	1845	1739	1652	1366	1524	1408
IRRIGATION YEAR 1987			TOTAL	5421	MEAN	15	AC-FT	10751				

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13209990 CANYON COUNTY CANAL
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1986 TO OCTOBER 1987
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	---	---	---	---	---	0.0	80	69	59	55	48	47
2	---	---	---	---	---	0.0	80	67	61	56	48	47
3	---	---	---	---	---	0.0	79	67	64	58	46	48
4	---	---	---	---	---	0.0	79	69	66	59	53	47
5	---	---	---	---	---	0.0	78	71	68	59	54	46
6	---	---	---	---	---	0.0	78	73	71	54	55	45
7	---	---	---	---	---	0.0	78	74	73	54	55	45
8	---	---	---	---	---	0.0	78	76	73	54	55	45
9	---	---	---	---	---	0.0	78	78	70	56	55	45
10	---	---	---	---	---	0.0	78	78	67	57	54	45
11	---	---	---	---	---	0.0	78	73	64	60	54	45
12	---	---	---	---	---	0.0	70	69	61	60	53	45
13	---	---	---	---	---	0.0	70	64	58	64	52	45
14	---	---	---	---	---	0.0	78	60	55	56	52	45
15	---	---	---	---	---	0.0	78	55	55	54	51	15.
16	---	---	---	---	---	11	79	50	56	54	51	0.0
17	---	---	---	---	---	22	79	50	56	54	51	0.0
18	---	---	---	---	---	34	78	51	57	52	50	0.0
19	---	---	---	---	---	45	78	52	57	52	50	0.0
20	---	---	---	---	---	56	78	52	58	54	50	0.0
21	---	---	---	---	---	67	76	53	58	55	49	0.0
22	---	---	---	---	---	67	75	54	58	50	49	0.0
23	---	---	---	---	---	69	73	54	56	50	49	0.0
24	---	---	---	---	---	71	72	54	54	48	49	0.0
25	---	---	---	---	---	74	70	55	53	48	48	0.0
26	---	---	---	---	---	76	78	56	51	45	48	0.0
27	---	---	---	---	---	78	78	57	49	49	47	0.0
28	---	---	---	---	---	80	76	58	47	49	47	0.0
29	---	---	---	---	---	80	74	58	50	47	46	0.0
30	---	---	---	---	---	80	73	59	52	46	46	0.0
31	---	---	---	---	---	---	71	---	53	50	---	0.0
TOTAL						909	2367	1856	1828	1658	1514	655
MEAN						30	76	62	59	53	50	21
MAX						80	80	78	73	64	55	48
MIN						0.0	70	50	47	45	46	0.0
AC-FT						1803	4694	3682	3625	3289	3002	1299
IRRIGATION YEAR 1987			TOTAL	10786	MEAN	30	AC-FT	21394				

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13210005 CALDWELL HIGHLINE CANAL
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1986 TO OCTOBER 1987
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	---	---	---	---	---	0.0	59	38	49	43	28	30
2	---	---	---	---	---	0.0	56	37	42	30	30	30
3	---	---	---	---	---	0.0	53	37	45	30	30	31
4	---	---	---	---	---	0.0	49	39	42	32	32	31
5	---	---	---	---	---	0.0	46	42	45	32	32	31
6	---	---	---	---	---	0.0	46	44	41	32	32	32
7	---	---	---	---	---	10	47	46	41	32	32	31
8	---	---	---	---	---	15	47	48	42	32	32	31
9	---	---	---	---	---	20	48	51	42	42	32	10
10	---	---	---	---	---	25	49	51	41	37	31	0.0
11	---	---	---	---	---	31	49	50	39	39	30	0.0
12	---	---	---	---	---	36	50	50	38	39	30	0.0
13	---	---	---	---	---	41	50	50	37	39	29	0.0
14	---	---	---	---	---	46	49	50	36	36	28	0.0
15	---	---	---	---	---	63	49	50	36	39	28	0.0
16	---	---	---	---	---	63	48	50	39	39	28	0.0
17	---	---	---	---	---	63	47	50	39	36	27	0.0
18	---	---	---	---	---	71	47	50	39	32	27	0.0
19	---	---	---	---	---	71	46	51	41	32	27	0.0
20	---	---	---	---	---	71	46	52	41	30	27	0.0
21	---	---	---	---	---	71	45	53	41	30	27	0.0
22	---	---	---	---	---	68	45	53	46	30	27	0.0
23	---	---	---	---	---	67	44	54	44	32	27	0.0
24	---	---	---	---	---	67	43	54	45	30	28	0.0
25	---	---	---	---	---	66	43	53	41	32	28	0.0
26	---	---	---	---	---	65	42	53	42	32	28	0.0
27	---	---	---	---	---	65	42	52	45	32	29	0.0
28	---	---	---	---	---	64	41	52	42	34	29	0.0
29	---	---	---	---	---	64	40	52	42	34	30	0.0
30	---	---	---	---	---	64	40	52	42	32	30	0.0
31	---	---	---	---	---	---	39	---	43	30	---	0.0
TOTAL						1287	1445	1461	1283	1044	873	258
MEAN						43	47	49	41	34	29	8.3
MAX						71	59	54	49	43	32	32
MIN						0.0	39	37	36	30	27	0.0
AC-FT						2553	2865	2898	2544	2072	1731	511
IRRIGATION YEAR 1987												
TOTAL						7650	MEAN	21	AC-FT	15173		

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13210984 RIVERSIDE CANAL
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1986 TO OCTOBER 1987
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	---	---	---	---	---	50	205	250	224	255	210	195
2	---	---	---	---	---	78	206	250	227	255	210	200
3	---	---	---	---	---	106	207	250	229	254	213	205
4	---	---	---	---	---	134	209	244	232	249	215	209
5	---	---	---	---	---	136	210	238	234	249	218	214
6	---	---	---	---	---	137	210	232	237	250	221	219
7	---	---	---	---	---	139	209	225	239	253	223	219
8	---	---	---	---	---	140	207	219	239	253	226	217
9	---	---	---	---	---	142	206	213	246	255	226	214
10	---	---	---	---	---	144	205	213	249	250	222	212
11	---	---	---	---	---	145	203	212	249	250	218	210
12	---	---	---	---	---	147	202	211	245	253	215	207
13	---	---	---	---	---	148	202	210	243	267	211	205
14	---	---	---	---	---	150	206	209	243	241	207	202
15	---	---	---	---	---	150	211	208	237	221	203	200
16	---	---	---	---	---	147	215	207	245	220	203	70
17	---	---	---	---	---	144	219	207	251	215	204	0.0
18	---	---	---	---	---	141	224	205	251	206	205	0.0
19	---	---	---	---	---	138	228	204	240	204	207	0.0
20	---	---	---	---	---	135	228	202	237	204	208	0.0
21	---	---	---	---	---	132	229	200	235	206	209	0.0
22	---	---	---	---	---	132	231	199	235	208	210	0.0
23	---	---	---	---	---	144	232	197	227	212	210	0.0
24	---	---	---	---	---	155	234	197	225	212	207	0.0
25	---	---	---	---	---	167	235	202	225	210	203	0.0
26	---	---	---	---	---	179	255	206	225	210	200	0.0
27	---	---	---	---	---	190	255	211	225	210	197	0.0
28	---	---	---	---	---	202	254	215	230	210	193	0.0
29	---	---	---	---	---	202	253	220	230	207	190	0.0
30	---	---	---	---	---	203	252	224	235	208	190	0.0
31	---	---	---	---	---	---	251	---	248	209	---	0.0
TOTAL						4357	6893	6478	7336	7106	6273	3197
MEAN						145	222	216	237	229	209	103
MAX						203	255	250	251	267	226	219
MIN						50	202	197	224	204	190	0.0
AC-FT						8643	13672	12849	14550	14095	12442	6341
IRRIGATION YEAR 1987						TOTAL	41640	MEAN	114	AC-FT	82592	

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13210992 SEBREE CANAL
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1986 TO OCTOBER 1987
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	---	---	---	---	---	0.0	248	235	312	245	225	183
2	---	---	---	---	---	0.0	241	240	308	250	225	177
3	---	---	---	---	---	0.0	234	240	285	255	225	170
4	---	---	---	---	---	0.0	227	243	280	260	225	163
5	---	---	---	---	---	50	220	245	260	278	211	157
6	---	---	---	---	---	61	220	248	260	283	211	150
7	---	---	---	---	---	72	231	250	295	283	211	150
8	---	---	---	---	---	84	242	253	280	286	211	150
9	---	---	---	---	---	95	253	255	289	260	211	150
10	---	---	---	---	---	106	264	255	284	289	213	150
11	---	---	---	---	---	117	275	256	260	300	214	150
12	---	---	---	---	---	129	286	256	260	336	216	150
13	---	---	---	---	---	140	286	257	255	290	218	150
14	---	---	---	---	---	151	305	258	260	290	219	150
15	---	---	---	---	---	151	290	258	260	280	221	150
16	---	---	---	---	---	165	288	259	260	280	221	50
17	---	---	---	---	---	179	287	259	241	250	220	0.0
18	---	---	---	---	---	193	285	253	236	260	219	0.0
19	---	---	---	---	---	206	283	246	231	260	218	0.0
20	---	---	---	---	---	220	283	240	231	258	217	0.0
21	---	---	---	---	---	234	271	247	227	264	216	0.0
22	---	---	---	---	---	234	259	253	236	258	215	0.0
23	---	---	---	---	---	239	247	260	231	260	215	0.0
24	---	---	---	---	---	243	235	260	227	246	211	0.0
25	---	---	---	---	---	248	223	269	220	244	207	0.0
26	---	---	---	---	---	253	211	277	227	239	203	0.0
27	---	---	---	---	---	257	211	286	227	250	198	0.0
28	---	---	---	---	---	262	216	295	230	250	194	0.0
29	---	---	---	---	---	262	221	303	230	243	190	0.0
30	---	---	---	---	---	255	226	312	235	225	190	0.0
31	---	---	---	---	---	---	230	---	240	225	---	0.0
TOTAL						4606	7797	7767	7877	8197	6390	2400
MEAN						154	252	259	254	264	213	77
MAX						262	305	312	312	336	225	183
MIN						0.0	211	235	220	225	190	0.0
AC-FT						9135	15465	15405	15624	16259	12674	4760
IRRIGATION YEAR 1987			TOTAL	45033	MEAN	123	AC-FT	89322				

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16-NOV-87

13210993 CAMPBELL CANAL
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1986 TO OCTOBER 1987
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	---	---	---	---	---	0.0	28	32	30	32	33	33
2	---	---	---	---	---	0.0	28	32	30	33	33	33
3	---	---	---	---	---	0.0	28	33	31	31	33	32
4	---	---	---	---	---	0.0	28	33	31	30	33	31
5	---	---	---	---	---	10	28	33	31	30	33	31
6	---	---	---	---	---	11	28	33	32	30	33	31
7	---	---	---	---	---	12	28	33	32	31	33	30
8	---	---	---	---	---	13	28	32	32	31	33	30
9	---	---	---	---	---	14	28	32	33	31	33	29
10	---	---	---	---	---	14	27	32	33	32	32	28
11	---	---	---	---	---	15	27	31	34	32	31	27
12	---	---	---	---	---	16	27	31	34	32	31	26
13	---	---	---	---	---	17	27	30	35	31	30	24
14	---	---	---	---	---	18	27	29	35	30	29	23
15	---	---	---	---	---	18	28	29	35	30	28	22
16	---	---	---	---	---	19	28	28	35	29	28	21
17	---	---	---	---	---	20	28	28	35	28	28	0.0
18	---	---	---	---	---	22	29	28	35	27	28	0.0
19	---	---	---	---	---	23	29	29	35	27	28	0.0
20	---	---	---	---	---	24	29	29	35	28	28	0.0
21	---	---	---	---	---	25	29	29	35	28	28	0.0
22	---	---	---	---	---	25	29	30	35	29	28	0.0
23	---	---	---	---	---	25	29	30	35	30	28	0.0
24	---	---	---	---	---	26	29	30	35	31	28	0.0
25	---	---	---	---	---	26	29	30	34	32	29	0.0
26	---	---	---	---	---	27	29	30	34	33	30	0.0
27	---	---	---	---	---	27	29	30	33	33	31	0.0
28	---	---	---	---	---	28	29	30	33	33	32	0.0
29	---	---	---	---	---	28	30	30	33	33	33	0.0
30	---	---	---	---	---	28	30	30	33	33	34	0.0
31	---	---	---	---	---	28	30	30	33	33	34	0.0
TOTAL						531	852	916	1032	957	925	420
MEAN						18	28	31	33	31	31	14
MAX						28	31	33	35	33	34	33
MIN						0.0	27	28	30	27	28	0.0
AC-FT						1052	1689	1816	2047	1897	1834	832
IRRIGATION YEAR 1987			TOTAL	5630	MEAN	15	AC-FT	11167				

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16-NOV-87

13210994 SIEBENBERG CANAL
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1986 TO OCTOBER 1987
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	---	---	---	---	---	0.0	8.0	9.0	9.0	11	7.6	9.0
2	---	---	---	---	---	0.0	8.0	9.0	9.0	11	7.6	8.8
3	---	---	---	---	---	0.0	8.0	9.0	9.0	10	7.6	8.5
4	---	---	---	---	---	0.0	8.0	9.0	9.0	10	8.1	8.3
5	---	---	---	---	---	3.0	8.0	9.5	9.0	10	8.6	8.1
6	---	---	---	---	---	3.0	8.0	10	9.0	10	9.1	7.8
7	---	---	---	---	---	3.0	8.0	11	9.0	10	9.7	7.6
8	---	---	---	---	---	3.0	8.0	11	9.0	10	10	7.6
9	---	---	---	---	---	4.0	8.0	12	9.0	10	11	7.1
10	---	---	---	---	---	4.0	8.0	12	9.3	10	11	6.6
11	---	---	---	---	---	4.0	8.0	12	9.7	10	11	6.1
12	---	---	---	---	---	4.0	8.0	11	10	10	11	5.5
13	---	---	---	---	---	4.0	8.0	10	10	10	11	5.0
14	---	---	---	---	---	4.0	8.0	9.5	11	9.6	11	4.5
15	---	---	---	---	---	4.0	8.5	8.7	11	9.2	11	4.0
16	---	---	---	---	---	4.0	9.0	7.8	11	8.8	11	0.0
17	---	---	---	---	---	4.0	9.5	7.0	11	8.4	11	0.0
18	---	---	---	---	---	4.0	10	7.0	11	8.0	10	0.0
19	---	---	---	---	---	4.0	11	7.0	11	7.6	10	0.0
20	---	---	---	---	---	4.0	11	7.0	11	7.6	9.9	0.0
21	---	---	---	---	---	4.0	11	7.0	11	7.6	9.6	0.0
22	---	---	---	---	---	4.0	11	7.0	11	7.6	9.3	0.0
23	---	---	---	---	---	4.0	11	7.0	11	7.6	9.0	0.0
24	---	---	---	---	---	4.0	10	7.0	11	7.6	9.0	0.0
25	---	---	---	---	---	4.7	10	7.0	11	7.6	9.0	0.0
26	---	---	---	---	---	5.3	9.7	7.0	11	7.6	9.0	0.0
27	---	---	---	---	---	6.0	9.3	7.3	11	7.6	9.0	0.0
28	---	---	---	---	---	6.7	9.0	7.7	11	7.6	9.0	0.0
29	---	---	---	---	---	7.3	9.0	8.0	11	7.6	9.0	0.0
30	---	---	---	---	---	8.0	9.0	8.3	11	7.6	9.0	0.0
31	---	---	---	---	---	8.0	9.0	8.7	11	7.6	9.0	0.0
TOTAL						---	9.0	---	11	7.6	9.0	0.0
MEAN						118	277	263	318	275	286	105
MAX						3.9	8.9	8.8	10	8.9	9.5	3.4
MIN						8.0	11	12	11	11	11	9.0
AC-FT						0.0	8.0	7.0	9.0	7.6	7.6	0.0
						234	548	522	630	544	567	207
IRRIGATION YEAR 1987						TOTAL	1640	MEAN	4	AC-FT	3253	

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13211001 SHIPLEY PUMPS
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1986 TO OCTOBER 1987
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	0.2
18	---	---	---	---	---	0.2	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	0.2
20	---	---	---	---	---	0.2	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	0.2
22	---	---	---	---	---	0.2	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	0.2
24	---	---	---	---	---	0.2	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	0.2
26	---	---	---	---	---	0.2	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	0.2
28	---	---	---	---	---	0.2	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	0.2
30	---	---	---	---	---	0.2	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	0.2
TOTAL						0.2	0.2	0.2	0.2	0.2	0.2	0.2
MEAN						0.2	0.2	0.2	0.2	0.2	0.2	0.2
MAX						0.2	0.2	0.2	0.2	0.2	0.2	0.2
MIN						0.2	0.2	0.2	0.2	0.2	0.2	0.2
AC-FT						0.2	0.2	0.2	0.2	0.2	0.2	0.2
IRRIGATION YEAR 1987						0.2	0.2	0.2	0.2	0.2	0.2	0.2
TOTAL						0.2	0.2	0.2	0.2	0.2	0.2	0.2
40						0.2	0.2	0.2	0.2	0.2	0.2	0.2
MEAN						0.2	0.2	0.2	0.2	0.2	0.2	0.2
0						0.2	0.2	0.2	0.2	0.2	0.2	0.2
AC-FT						0.2	0.2	0.2	0.2	0.2	0.2	0.2
78						0.2	0.2	0.2	0.2	0.2	0.2	0.2

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13211003 WAGNER PUMPS
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1986 TO OCTOBER 1987
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	---	---	---	---	---	0.0	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	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						---	0.4	---	0.4	0.4	0.4	---
MEAN						6	12	12	12	12	12	6
MAX						0.2	0.4	0.4	0.4	0.4	0.4	0.4
MIN						0.4	0.4	0.4	0.4	0.4	0.4	0.4
AC-FT						0.0	0.4	0.4	0.4	0.4	0.4	0.4
IRRIGATION YEAR 1987						12	25	24	25	25	24	12
TOTAL				73	MEAN	0	AC-FT	145				

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13211603 SIMPLOT PUMPS
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1986 TO OCTOBER 1987
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	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	0.6	---
MEAN						18	19	18	19	19	18	9
MAX						0.6	0.6	0.6	0.6	0.6	0.6	0.6
MIN						0.6	0.6	0.6	0.6	0.6	0.6	0.6
AC-FT						36	37	36	37	37	36	18
IRRIGATION YEAR 1987												
TOTAL				119	MEAN	0	AC-FT	235				

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13211725 EUREKA #2
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1986 TO OCTOBER 1987
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	---	---	---	---	---	0.0	76	103	101	107	102	120
2	---	---	---	---	---	0.0	82	102	101	106	101	117
3	---	---	---	---	---	0.0	88	100	101	104	101	114
4	---	---	---	---	---	0.0	93	100	101	103	104	111
5	---	---	---	---	---	0.0	99	97	101	101	107	107
6	---	---	---	---	---	0.0	105	95	101	101	110	104
7	---	---	---	---	---	0.0	105	92	101	101	112	101
8	---	---	---	---	---	0.0	105	89	101	101	115	101
9	---	---	---	---	---	0.0	105	87	101	101	118	99
10	---	---	---	---	---	0.0	105	84	103	101	118	96
11	---	---	---	---	---	0.0	105	84	106	101	118	94
12	---	---	---	---	---	20	105	87	108	101	118	92
13	---	---	---	---	---	29	105	89	110	101	118	90
14	---	---	---	---	---	37	100	92	113	102	118	87
15	---	---	---	---	---	46	100	95	115	102	118	85
16	---	---	---	---	---	46	100	97	115	103	118	0.0
17	---	---	---	---	---	51	100	100	115	104	118	0.0
18	---	---	---	---	---	56	100	100	115	104	117	0.0
19	---	---	---	---	---	61	100	97	115	105	115	0.0
20	---	---	---	---	---	66	100	96	115	105	114	0.0
21	---	---	---	---	---	71	102	95	115	105	113	0.0
22	---	---	---	---	---	71	103	93	115	105	111	0.0
23	---	---	---	---	---	72	105	92	115	105	110	0.0
24	---	---	---	---	---	73	107	92	114	105	110	0.0
25	---	---	---	---	---	74	108	94	113	105	112	0.0
26	---	---	---	---	---	74	110	95	113	105	113	0.0
27	---	---	---	---	---	75	110	97	112	105	115	0.0
28	---	---	---	---	---	76	108	98	111	104	117	0.0
29	---	---	---	---	---	76	107	100	110	104	118	0.0
30	---	---	---	---	---	---	105	---	110	103	120	0.0
31	---	---	---	---	---	---	---	---	109	102	---	0.0
TOTAL						1120	3143	2840	3375	3201	3398	1518
MEAN						37	101	95	109	103	113	49
MAX						76	110	103	115	107	120	120
MIN						0.0	76	84	101	101	101	0.0
AC-FT						2221	6234	5632	6694	6350	6740	3010
IRRIGATION YEAR 1987												
TOTAL						18594						
MEAN						51						
AC-FT							36881					

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13211735 UPPER CENTER POINT CANAL
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1986 TO OCTOBER 1987
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	---	---	---	---	---	0.0	15	26	12	19	15	17
2	---	---	---	---	---	0.0	17	27	12	19	15	17
3	---	---	---	---	---	0.0	18	28	13	18	15	17
4	---	---	---	---	---	0.0	19	28	14	18	16	16
5	---	---	---	---	---	0.0	21	27	16	17	17	16
6	---	---	---	---	---	0.0	22	25	17	17	18	16
7	---	---	---	---	---	0.0	22	24	18	17	18	16
8	---	---	---	---	---	8.0	23	23	19	17	19	16
9	---	---	---	---	---	8.9	23	21	19	17	20	15
10	---	---	---	---	---	9.7	24	20	19	17	20	14
11	---	---	---	---	---	11	24	20	19	17	20	13
12	---	---	---	---	---	11	25	20	20	17	20	12
13	---	---	---	---	---	12	25	20	20	17	20	11
14	---	---	---	---	---	13	25	20	20	14	20	9.9
15	---	---	---	---	---	14	25	20	20	11	20	9.0
16	---	---	---	---	---	14	24	20	20	8.5	20	0.0
17	---	---	---	---	---	14	24	20	20	5.7	20	0.0
18	---	---	---	---	---	13	24	20	19	2.8	20	0.0
19	---	---	---	---	---	13	23	21	19	0.0	19	0.0
20	---	---	---	---	---	13	23	21	19	0.0	19	0.0
21	---	---	---	---	---	12	23	22	18	2.5	18	0.0
22	---	---	---	---	---	12	23	22	18	5.0	18	0.0
23	---	---	---	---	---	12	23	23	18	7.5	17	0.0
24	---	---	---	---	---	12	23	23	18	10	17	0.0
25	---	---	---	---	---	13	23	23	19	13	17	0.0
26	---	---	---	---	---	13	23	21	19	15	17	0.0
27	---	---	---	---	---	13	23	19	19	15	17	0.0
28	---	---	---	---	---	14	23	18	19	15	17	0.0
29	---	---	---	---	---	14	24	16	20	15	17	0.0
30	---	---	---	---	---	14	25	14	20	15	17	0.0
31	---	---	---	---	---	---	26	---	20	15	17	0.0
TOTAL						284	703	651	563	396	541	212
MEAN						9.5	23	22	18	13	18	6.8
MAX						0.0	26	28	20	19	20	17
MIN						563	1393	14	12	0.0	15	0.0
AC-FT										785	1073	420
IRRIGATION YEAR 1987												
TOTAL						3348	MEAN	9	AC-FT	6641		

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13211745 MCMANUS AND TEATER CANAL
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1986 TO OCTOBER 1987
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	---	---	---	---	---	0.0	3.0	0.0	0.0	2.0	3.3	4.0
2	---	---	---	---	---	0.0	3.0	0.0	0.0	1.5	4.0	3.3
3	---	---	---	---	---	0.0	3.0	0.0	0.0	1.0	4.0	2.7
4	---	---	---	---	---	0.0	3.0	3.0	0.0	0.5	4.0	2.0
5	---	---	---	---	---	0.0	3.0	3.0	0.0	0.0	4.0	1.3
6	---	---	---	---	---	0.0	0.0	3.0	0.0	3.0	4.0	0.7
7	---	---	---	---	---	0.0	3.0	3.0	0.0	3.0	4.0	0.0
8	---	---	---	---	---	0.0	3.0	3.0	0.0	3.0	4.0	0.0
9	---	---	---	---	---	0.0	3.0	3.0	3.0	3.0	4.0	0.0
10	---	---	---	---	---	0.0	3.0	3.0	3.0	3.0	4.0	0.0
11	---	---	---	---	---	0.0	3.0	0.0	3.0	3.0	4.0	0.0
12	---	---	---	---	---	0.0	3.0	0.0	3.0	3.0	3.3	0.0
13	---	---	---	---	---	0.0	3.0	0.0	3.0	3.0	2.7	0.0
14	---	---	---	---	---	0.0	3.0	0.0	3.0	3.0	2.0	0.0
15	---	---	---	---	---	0.0	3.0	0.0	3.0	3.0	1.3	0.0
16	---	---	---	---	---	0.0	2.5	0.0	3.0	3.0	0.7	0.0
17	---	---	---	---	---	0.0	2.0	0.0	3.0	3.0	0.0	0.0
18	---	---	---	---	---	0.0	1.5	0.0	3.0	3.0	0.0	0.0
19	---	---	---	---	---	0.0	1.0	0.0	3.0	3.0	0.0	0.0
20	---	---	---	---	---	0.0	0.5	0.7	3.0	3.0	0.0	0.0
21	---	---	---	---	---	0.0	0.0	1.3	3.0	3.0	0.0	0.0
22	---	---	---	---	---	0.0	0.0	2.0	3.0	2.5	0.0	0.0
23	---	---	---	---	---	0.0	0.0	2.7	3.0	2.0	0.0	0.0
24	---	---	---	---	---	0.0	0.0	3.3	3.0	1.5	0.0	0.0
25	---	---	---	---	---	0.0	0.0	4.0	3.0	1.0	0.0	0.0
26	---	---	---	---	---	0.0	0.0	4.0	3.0	0.5	0.0	0.0
27	---	---	---	---	---	0.0	0.0	3.3	3.0	0.0	0.5	0.0
28	---	---	---	---	---	0.0	0.0	2.7	3.0	0.0	1.0	0.0
29	---	---	---	---	---	0.0	0.0	2.0	3.0	0.0	1.5	0.0
30	---	---	---	---	---	0.0	0.0	1.3	3.0	0.7	2.0	0.0
31	---	---	---	---	---	3.0	0.0	0.7	3.0	1.3	2.5	0.0
TOTAL						---	0.0	---	3.0	2.0	3.0	0.0
MEAN						3	47		2.5	2.7	---	0.0
MAX						0.1	1.5	49	69	64	60	14
MIN						3.0	3.0	1.6	2.2	2.1	2.0	0.5
AC-FT						0.0	0.0	4.0	3.0	3.0	4.0	4.0
						6	92	97	136	127	119	28
IRRIGATION YEAR 1987												
TOTAL					305	MEAN	1	AC-FT	604			

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13211747 ATWELL
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1986 TO OCTOBER 1987
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	5.0
2	---	---	---	---	---	0.0	0.0	0.0	0.0	0.0	0.0	5.0
3	---	---	---	---	---	0.0	0.0	0.0	0.0	0.0	0.0	5.0
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
12	---	---	---	---	---	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
14	---	---	---	---	---	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
16	---	---	---	---	---	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
18	---	---	---	---	---	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
20	---	---	---	---	---	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
22	---	---	---	---	---	0.0	0.0	0.0	0.0	---	---	0.0
23	---	---	---	---	---	0.0	0.0	0.0	0.0	---	---	0.0
24	---	---	---	---	---	0.0	0.0	0.0	0.0	---	---	0.0
25	---	---	---	---	---	0.0	0.0	0.0	0.0	---	---	0.0
26	---	---	---	---	---	0.0	0.0	5.0	0.0	---	---	0.0
27	---	---	---	---	---	0.0	0.0	0.0	0.0	---	---	0.0
28	---	---	---	---	---	0.0	0.0	5.0	0.0	---	---	0.0
29	---	---	---	---	---	0.0	0.0	0.0	0.0	---	---	0.0
30	---	---	---	---	---	0.0	0.0	0.0	0.0	0.0	---	0.0
31	---	---	---	---	---	0.0	0.0	0.0	0.0	5.0	---	0.0
TOTAL						---	0.0	---	0.0	5.0	---	0.0
MEAN										5.0	---	0.0
MAX						0	0	10	0	5.0	---	0.0
MIN						0.0	0.0	0.3	0	15	0	15
AC-FT						0.0	0.0	5.0	0.0	0.6	0.0	0.5
						0	0	0.0	0.0	5.0	0.0	5.0
								20	0	0.0	0.0	0.0
										30	0	30
IRRIGATION YEAR 1987												
TOTAL			40	MEAN			0	AC-FT			79	

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13211825 LOWER CENTER POINT CANAL
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1986 TO OCTOBER 1987
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	---	---	---	---	---	0.0	18	29	19	27	20	22
2	---	---	---	---	---	0.0	18	30	19	27	20	22
3	---	---	---	---	---	0.0	18	30	20	26	20	22
4	---	---	---	---	---	0.0	18	30	21	26	21	22
5	---	---	---	---	---	0.0	18	28	22	25	22	22
6	---	---	---	---	---	0.0	18	27	22	25	23	22
7	---	---	---	---	---	0.0	18	25	23	25	24	22
8	---	---	---	---	---	0.0	18	24	24	24	25	22
9	---	---	---	---	---	18	19	22	24	24	25	22
10	---	---	---	---	---	18	19	20	25	24	25	22
11	---	---	---	---	---	18	20	21	26	23	25	22
12	---	---	---	---	---	18	20	22	28	23	25	22
13	---	---	---	---	---	18	20	22	29	23	25	22
14	---	---	---	---	---	18	20	23	30	22	25	22
15	---	---	---	---	---	18	21	24	31	21	25	10
16	---	---	---	---	---	18	22	25	31	21	25	0.0
17	---	---	---	---	---	18	24	26	31	20	25	0.0
18	---	---	---	---	---	18	25	26	30	19	24	0.0
19	---	---	---	---	---	18	26	26	30	18	23	0.0
20	---	---	---	---	---	17	27	26	29	18	23	0.0
21	---	---	---	---	---	17	27	27	29	18	22	0.0
22	---	---	---	---	---	17	27	27	28	19	21	0.0
23	---	---	---	---	---	17	27	27	28	19	20	0.0
24	---	---	---	---	---	17	27	27	28	19	20	0.0
25	---	---	---	---	---	18	27	26	28	20	20	0.0
26	---	---	---	---	---	18	27	24	28	20	21	0.0
27	---	---	---	---	---	18	27	23	28	20	21	0.0
28	---	---	---	---	---	18	28	22	28	20	21	0.0
29	---	---	---	---	---	18	28	20	28	20	22	0.0
30	---	---	---	---	---	18	29	20	28	20	22	0.0
31	---	---	---	---	---	18	29	20	28	20	22	0.0
TOTAL						389	706	754	820	675	680	318
MEAN						13	23	25	26	22	23	10
MAX						18	29	30	31	27	25	22
MIN						0.0	18	20	19	18	20	0.0
AC-FT						772	1399	1496	1626	1338	1348	631
IRRIGATION YEAR 1987												
TOTAL						4341	MEAN	12	AC-FT	8609		

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16-NOV-87

13212548 BOWMAN AND SWISHER CANAL
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1986 TO OCTOBER 1987
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	---	---	---	---	---	0.0	8.0	17	12	15	13	14
2	---	---	---	---	---	0.0	8.0	18	12	15	12	14
3	---	---	---	---	---	0.0	8.0	18	12	12	12	14
4	---	---	---	---	---	0.0	8.0	18	11	12	12	14
5	---	---	---	---	---	6.0	8.0	18	11	13	13	14
6	---	---	---	---	---	6.0	8.0	18	11	13	13	14
7	---	---	---	---	---	6.0	8.0	18	11	13	13	14
8	---	---	---	---	---	6.0	8.3	18	10	13	13	14
9	---	---	---	---	---	6.0	8.7	18	10	14	14	14
10	---	---	---	---	---	6.0	9.0	18	10	14	14	14
11	---	---	---	---	---	6.0	9.3	19	10	16	14	13
12	---	---	---	---	---	0.0	9.7	19	10	16	14	13
13	---	---	---	---	---	0.0	10	19	10	16	14	12
14	---	---	---	---	---	0.0	10	19	10	16	14	12
15	---	---	---	---	---	0.0	11	19	10	16	14	11
16	---	---	---	---	---	0.0	12	19	10	15	14	11
17	---	---	---	---	---	0.0	13	20	11	14	14	0.0
18	---	---	---	---	---	6.0	13	20	11	14	14	0.0
19	---	---	---	---	---	6.0	14	17	12	13	15	0.0
20	---	---	---	---	---	6.0	15	15	13	13	15	0.0
21	---	---	---	---	---	6.0	15	13	13	13	15	0.0
22	---	---	---	---	---	1.0	15	11	14	13	15	0.0
23	---	---	---	---	---	1.0	15	8.3	14	14	16	0.0
24	---	---	---	---	---	2.2	15	6.0	14	14	16	0.0
25	---	---	---	---	---	3.3	15	6.0	14	14	16	0.0
26	---	---	---	---	---	4.5	15	7.0	14	15	16	0.0
27	---	---	---	---	---	5.7	15	8.0	14	15	15	0.0
28	---	---	---	---	---	6.8	15	9.0	14	15	15	0.0
29	---	---	---	---	---	8.0	16	10	14	15	15	0.0
30	---	---	---	---	---	8.0	16	11	14	14	14	0.0
31	---	---	---	---	---	8.0	16	11	14	14	14	0.0
TOTAL						---	17	---	14	13	---	0.0
MEAN						113	367	454	369	438	424	198
MAX						3.8	12	15	12	14	14	6.4
MIN						8.0	17	20	14	16	16	14
AC-FT						0.0	8.0	6.0	10	12	12	0.0
						223	727	900	733	869	840	393
						IRRIGATION YEAR 1987	TOTAL	2362	MEAN	6	AC-FT	4684

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13212645 BAXTER CANAL
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1986 TO OCTOBER 1987
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	---	---	---	---	---	0.0	16	18	13	19	18	10
2	---	---	---	---	---	0.0	16	19	13	19	18	10
3	---	---	---	---	---	0.0	16	19	13	18	18	10
4	---	---	---	---	---	0.0	15	19	13	17	17	10
5	---	---	---	---	---	5.0	15	18	13	16	16	10
6	---	---	---	---	---	5.0	15	18	13	15	15	10
7	---	---	---	---	---	5.0	15	17	13	14	14	10
8	---	---	---	---	---	5.0	15	17	13	13	13	10
9	---	---	---	---	---	5.0	15	16	13	12	12	9.7
10	---	---	---	---	---	5.0	16	16	14	20	12	9.4
11	---	---	---	---	---	5.0	16	16	14	20	12	9.1
12	---	---	---	---	---	5.0	16	15	15	20	12	8.9
13	---	---	---	---	---	5.0	16	14	15	20	12	8.6
14	---	---	---	---	---	0.0	16	14	16	19	12	8.3
15	---	---	---	---	---	0.0	16	13	16	18	12	8.0
16	---	---	---	---	---	0.0	15	13	16	18	12	0.0
17	---	---	---	---	---	0.0	15	12	16	17	12	0.0
18	---	---	---	---	---	3.0	14	12	16	16	12	0.0
19	---	---	---	---	---	6.0	14	12	16	15	12	0.0
20	---	---	---	---	---	9.0	13	12	16	15	12	0.0
21	---	---	---	---	---	12	13	11	16	16	12	0.0
22	---	---	---	---	---	15	14	11	16	16	12	0.0
23	---	---	---	---	---	15	14	11	16	17	12	0.0
24	---	---	---	---	---	15	15	11	16	17	12	0.0
25	---	---	---	---	---	15	16	11	17	18	12	0.0
26	---	---	---	---	---	16	16	11	17	18	11	0.0
27	---	---	---	---	---	16	17	11	17	18	11	0.0
28	---	---	---	---	---	16	17	12	18	18	11	0.0
29	---	---	---	---	---	16	17	12	18	18	11	0.0
30	---	---	---	---	---	16	17	12	18	18	10	0.0
31	---	---	---	---	---	16	18	13	18	18	10	0.0
TOTAL						---	18	---	18	18	10	0.0
MEAN						215	478	421	473	531	386	142
MAX						7.2	15	14	15	17	13	4.6
MIN						0.0	13	11	13	12	10	0.0
AC-FT						425	948	836	938	1053	766	282
IRRIGATION YEAR 1987												
TOTAL						2645						
MEAN							7					
AC-FT								5246				

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16-NOV-87

13212832 ANDREWS CANAL
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1986 TO OCTOBER 1987
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	---	---	---	---	---	0.0	14	20	18	20	21	19
2	---	---	---	---	---	0.0	15	21	18	20	21	19
3	---	---	---	---	---	0.0	16	21	18	21	21	19
4	---	---	---	---	---	0.0	16	21	17	21	21	19
5	---	---	---	---	---	5.0	17	19	17	21	21	19
6	---	---	---	---	---					21	21	19
7	---	---	---	---	---	6.3	18	18	16	21	21	19
8	---	---	---	---	---	7.5	18	16	16	21	21	19
9	---	---	---	---	---	8.8	18	14	15	21	21	19
10	---	---	---	---	---	10	18	13	15	21	21	19
11	---	---	---	---	---	11	18	11	16	21	21	18
12	---	---	---	---	---	13	18	11	17	21	21	18
13	---	---	---	---	---	14	18	12	18	21	21	18
14	---	---	---	---	---	15	18	13	19	---	20	18
15	---	---	---	---	---	15	18	14	20	21	20	17
16	---	---	---	---	---	15	18	14	21	20	20	17
17	---	---	---	---	---							17
18	---	---	---	---	---	14	17	15	21	19	19	0.0
19	---	---	---	---	---	14	17	16	21	19	19	0.0
20	---	---	---	---	---	13	16	16	21	18	19	0.0
21	---	---	---	---	---	13	16	16	21	17	19	0.0
22	---	---	---	---	---	12	15	16	21	17	19	0.0
23	---	---	---	---	---	12	15	16	21	18	19	0.0
24	---	---	---	---	---	11	16	15	21	19	19	0.0
25	---	---	---	---	---	11	16	15	21	19	19	0.0
26	---	---	---	---	---	12	17	15	21	19	19	0.0
27	---	---	---	---	---	12	17	15	20	20	19	0.0
28	---	---	---	---	---	13	18	16				0.0
29	---	---	---	---	---	13	18	16	20	20	19	0.0
30	---	---	---	---	---	14	18	17	20	20	19	0.0
31	---	---	---	---	---	14	19	17	19	20	19	0.0
TOTAL						---	20	---	19	21	19	0.0
MEAN						309	528	474	585	596	598	277
MAX						10	17	16	19	20	20	8.9
MIN						15	20	21	21	21	21	19
AC-FT						0.0	14	11	15	17	19	0.0
IRRIGATION YEAR 1987						612	1047	940	1160	1182	1187	549
TOTAL						3367	MEAN	9	AC-FT	6677		

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16-NOV-87

13212896 MAMMON PUMPS
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1986 TO OCTOBER 1987
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	---	---	---	---	---	0.0	4.0	6.0	7.0	7.0	4.0	0.0
2	---	---	---	---	---	0.0	4.0	6.5	7.0	7.0	4.0	0.0
3	---	---	---	---	---	0.0	4.0	7.0	7.0	7.0	4.0	0.0
4	---	---	---	---	---	0.0	4.0	7.0	7.0	7.0	4.0	0.0
5	---	---	---	---	---	0.0	4.0	7.0	7.0	7.0	4.0	0.0
6	---	---	---	---	---	0.0	4.0	7.0	7.0	7.0	4.0	0.0
7	---	---	---	---	---	0.0	4.0	7.0	7.0	7.0	4.0	0.0
8	---	---	---	---	---	0.0	4.0	7.0	7.0	7.0	4.0	0.0
9	---	---	---	---	---	0.0	4.0	7.0	7.0	7.0	4.0	0.0
10	---	---	---	---	---	0.0	4.0	7.0	7.0	7.0	4.0	0.0
11	---	---	---	---	---	0.0	4.0	7.0	7.0	7.0	4.0	0.0
12	---	---	---	---	---	0.0	4.0	7.0	7.0	7.0	4.0	0.0
13	---	---	---	---	---	0.0	4.0	6.5	7.0	7.0	4.0	0.0
14	---	---	---	---	---	0.0	4.0	6.0	7.0	7.0	4.0	0.0
15	---	---	---	---	---	0.0	4.0	5.5	7.0	7.0	4.0	0.0
16	---	---	---	---	---	0.0	4.5	5.0	7.0	5.8	4.0	0.0
17	---	---	---	---	---	0.0	5.0	4.5	7.0	4.7	4.0	0.0
18	---	---	---	---	---	0.0	5.5	4.0	7.0	3.5	4.0	0.0
19	---	---	---	---	---	0.0	6.0	4.0	6.5	2.3	4.0	0.0
20	---	---	---	---	---	0.0	6.5	4.5	6.0	1.2	4.0	0.0
21	---	---	---	---	---	0.0	7.0	5.0	5.5	0.0	4.0	0.0
22	---	---	---	---	---	0.0	7.0	5.5	5.0	0.0	4.0	0.0
23	---	---	---	---	---	0.0	6.5	6.0	4.5	0.7	4.0	0.0
24	---	---	---	---	---	4.0	6.0	6.5	4.0	1.3	4.0	0.0
25	---	---	---	---	---	4.0	5.5	7.0	4.5	2.0	4.0	0.0
26	---	---	---	---	---	4.0	5.0	7.0	5.0	2.7	4.0	0.0
27	---	---	---	---	---	4.0	4.5	7.0	5.5	3.3	3.3	0.0
28	---	---	---	---	---	4.0	4.0	7.0	6.0	4.0	2.7	0.0
29	---	---	---	---	---	4.0	4.0	7.0	6.5	4.0	2.0	0.0
30	---	---	---	---	---	4.0	4.5	7.0	7.0	4.0	1.3	0.0
31	---	---	---	---	---	4.0	5.0	7.0	7.0	4.0	0.7	0.0
TOTAL						---	5.5	---	7.0	4.0	0.0	0.0
MEAN						32	148	188	196	143	106	0
MAX						1.1	4.8	6.3	6.3	4.6	3.5	0.0
MIN						4.0	7.0	7.0	7.0	7.0	4.0	0.0
AC-FT						0.0	4.0	4.0	4.0	0.0	0.0	0.0
						63	294	372	389	283	210	0
IRRIGATION YEAR 1987												
TOTAL				812	MEAN	2	AC-FT	1610				

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16-NOV-87

13212938 HAAS CANAL
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1986 TO OCTOBER 1987
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	---	---	---	---	---	0.0	11	11	9.0	12	9.7	6.0
2	---	---	---	---	---	0.0	10	12	9.0	12	10	6.0
3	---	---	---	---	---	0.0	9.4	13	9.2	11	10	6.0
4	---	---	---	---	---	0.0	8.6	13	9.3	11	8.3	6.0
5	---	---	---	---	---	7.0	7.8	14	9.5	11	6.7	6.0
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	7.0	7.0	15	9.7	11	5.0	6.0
8	---	---	---	---	---	7.0	7.0	16	9.8	11	3.3	6.0
9	---	---	---	---	---	7.0	7.3	16	10	11	1.7	6.0
10	---	---	---	---	---	7.0	7.7	17	10	11	0.0	5.6
11	---	---	---	---	---	7.0	8.0	18	11	10	0.0	5.1
12	---	---	---	---	---	7.0	8.3	18	12	10	0.0	4.7
13	---	---	---	---	---	7.0	8.7	17	13	10	0.0	4.3
14	---	---	---	---	---	7.0	9.0	16	13	10	0.0	3.9
15	---	---	---	---	---	7.0	9.0	14	14	9.7	0.0	3.4
16	---	---	---	---	---	7.0	9.2	13	15	9.3	0.0	3.0
17	---	---	---	---	---	7.0	9.3	12	16	9.0	0.0	0.0
18	---	---	---	---	---	7.7	9.5	11	15	8.7	0.0	0.0
19	---	---	---	---	---	8.3	9.7	11	14	8.3	0.0	0.0
20	---	---	---	---	---	9.0	9.8	11	13	8.0	0.0	0.0
21	---	---	---	---	---	9.7	10	10	12	8.0	0.0	0.0
22	---	---	---	---	---	---	---	---	---	8.0	0.0	0.0
23	---	---	---	---	---	10	10	9.9	11	8.0	0.0	0.0
24	---	---	---	---	---	11	9.5	9.6	10	8.0	0.0	0.0
25	---	---	---	---	---	11	9.0	9.3	10	8.0	0.0	0.0
26	---	---	---	---	---	11	8.5	9.0	10	8.0	0.0	0.0
27	---	---	---	---	---	11	8.0	9.0	11	8.0	0.0	0.0
28	---	---	---	---	---	11	7.5	9.0	11	8.0	1.0	0.0
29	---	---	---	---	---	11	7.0	9.0	11	8.0	2.0	0.0
30	---	---	---	---	---	11	7.0	9.0	12	8.0	3.0	0.0
31	---	---	---	---	---	11	8.0	9.0	12	8.3	4.0	0.0
TOTAL	---	---	---	---	---	---	---	---	---	---	---	---
MEAN	---	---	---	---	---	228	270	369	355	293	76	78
MAX	---	---	---	---	---	7.6	8.7	12	11	9.4	2.5	2.5
MIN	---	---	---	---	---	11	11	18	16	12	10	6.0
AC-FT	---	---	---	---	---	0.0	7.0	9.0	9.0	8.0	0.0	0.0
IRRIGATION YEAR 1987	---	---	---	---	---	452	536	731	704	580	150	155
TOTAL	---	---	---	---	---	1668	MEAN	5	AC-FT	3307	---	---

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16-NOV-87

13212954 PARMA CANAL
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1986 TO OCTOBER 1987
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	---	---	---	---	---	0.0	24	25	24	22	19	19
2	---	---	---	---	---	0.0	25	26	24	23	18	19
3	---	---	---	---	---	0.0	25	27	25	23	18	18
4	---	---	---	---	---	0.0	25	27	25	23	19	18
5	---	---	---	---	---	0.0	26	26	26	23	20	18
6	---	---	---	---	---	0.0	26	25	26	23	21	17
7	---	---	---	---	---	0.0	26	25	27	24	22	17
8	---	---	---	---	---	10	27	24	27	24	23	17
9	---	---	---	---	---	10	27	23	27	25	24	16
10	---	---	---	---	---	11	28	22	27	25	24	15
11	---	---	---	---	---	11	29	22	26	26	24	14
12	---	---	---	---	---	11	29	23	26	26	23	13
13	---	---	---	---	---	11	30	23	26	26	23	12
14	---	---	---	---	---	12	30	24	25	26	23	11
15	---	---	---	---	---	12	29	25	25	26	22	10
16	---	---	---	---	---	12	29	25	25	26	22	10
17	---	---	---	---	---	12	29	25	25	26	22	0.0
18	---	---	---	---	---	14	28	26	25	26	22	0.0
19	---	---	---	---	---	15	27	26	25	26	22	0.0
20	---	---	---	---	---	17	27	26	25	26	22	0.0
21	---	---	---	---	---	18	26	25	25	26	22	0.0
22	---	---	---	---	---	20	---	25	25	26	22	0.0
23	---	---	---	---	---	21	26	25	25	25	22	0.0
24	---	---	---	---	---	21	25	24	25	24	22	0.0
25	---	---	---	---	---	22	24	24	25	23	22	0.0
26	---	---	---	---	---	22	24	24	24	23	22	0.0
27	---	---	---	---	---	23	23	24	24	23	22	0.0
28	---	---	---	---	---	23	22	24	24	22	21	0.0
29	---	---	---	---	---	24	22	24	23	22	21	0.0
30	---	---	---	---	---	24	23	24	23	21	20	0.0
31	---	---	---	---	---	24	24	24	22	21	20	0.0
TOTAL						---	25	---	22	20	19	0.0
MEAN						385	780	736	768	738	642	234
MAX						13	26	25	25	24	21	7.5
MIN						24	30	27	27	26	24	19
AC-FT						0.0	22	22	22	19	18	0.0
						764	1547	1459	1524	1464	1274	464
IRRIGATION YEAR 1987												
TOTAL						4283						
MEAN						12						
AC-FT							8495					

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16-NOV-87

13212966 ISLAND HIGHLINE CANAL
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1986 TO OCTOBER 1987
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	---	---	---	---	---	0.0	33	40	42	43	42	45
2	---	---	---	---	---	0.0	33	41	42	43	41	45
3	---	---	---	---	---	0.0	33	42	42	43	41	44
4	---	---	---	---	---	0.0	33	42	41	44	42	44
5	---	---	---	---	---	0.0	33	40	41	44	43	43
6	---	---	---	---	---	0.0	33	39	41	44	44	43
7	---	---	---	---	---	0.0	33	37	40	44	45	42
8	---	---	---	---	---	10	34	35	40	43	46	42
9	---	---	---	---	---	11	35	34	40	43	47	40
10	---	---	---	---	---	12	36	32	41	42	47	39
11	---	---	---	---	---	13	36	32	41	42	46	37
12	---	---	---	---	---	14	37	33	42	41	46	35
13	---	---	---	---	---	15	38	34	43	41	45	33
14	---	---	---	---	---	16	38	35	43	42	44	32
15	---	---	---	---	---	17	38	36	44	43	44	30
16	---	---	---	---	---	17	37	37	44	44	43	0.0
17	---	---	---	---	---	20	37	38	44	44	43	0.0
18	---	---	---	---	---	23	37	38	44	45	43	0.0
19	---	---	---	---	---	26	36	38	44	46	43	0.0
20	---	---	---	---	---	29	36	38	44	46	43	0.0
21	---	---	---	---	---	32	36	38	44	46	43	0.0
22	---	---	---	---	---	35	36	38	44	45	43	0.0
23	---	---	---	---	---	35	36	38	44	45	43	0.0
24	---	---	---	---	---	35	36	38	44	45	43	0.0
25	---	---	---	---	---	34	36	38	43	44	43	0.0
26	---	---	---	---	---	34	36	39	43	44	44	0.0
27	---	---	---	---	---	34	36	39	43	44	44	0.0
28	---	---	---	---	---	33	36	40	42	44	44	0.0
29	---	---	---	---	---	33	37	41	42	44	44	0.0
30	---	---	---	---	---	33	38	41	42	43	45	0.0
31	---	---	---	---	---	---	39	---	42	42	45	0.0
TOTAL						561	1108	1131	1316	1349	1315	593
MEAN						19	36	38	42	44	44	19
MAX						35	39	42	44	46	47	45
MIN						0.0	33	32	40	41	41	0.0
AC-FT						1113	2197	2243	2611	2675	2607	1175
IRRIGATION YEAR 1987												
TOTAL						7372						
MEAN						20						
AC-FT							14621					

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16-NOV-87

13212992 CRAWFORTH PUMPS
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1986 TO OCTOBER 1987
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	---
19	---	---	---	---	---	0.0	0.8	0.8	0.8	0.8	0.8	---
20	---	---	---	---	---	0.0	0.8	0.8	0.8	0.8	0.8	---
21	---	---	---	---	---	0.0	0.8	0.8	0.8	0.8	0.8	---
22	---	---	---	---	---	0.0	0.8	0.8	0.8	0.8	0.8	---
23	---	---	---	---	---	0.0	0.8	0.8	0.8	0.8	0.8	---
24	---	---	---	---	---	0.0	0.8	0.8	0.8	0.8	0.8	---
25	---	---	---	---	---	0.0	0.8	0.8	0.8	0.8	0.8	---
26	---	---	---	---	---	0.0	0.8	0.8	0.8	0.8	0.8	---
27	---	---	---	---	---	0.0	0.8	0.8	0.8	0.8	0.8	---
28	---	---	---	---	---	0.0	0.8	0.8	0.8	0.8	0.8	---
29	---	---	---	---	---	0.0	0.8	0.8	0.8	0.8	0.8	---
30	---	---	---	---	---	0.0	0.8	0.8	0.8	0.8	0.8	---
31	---	---	---	---	---	0.0	0.8	0.8	0.8	0.8	0.8	---
TOTAL						---	0.8	---	0.8	0.8	0.8	---
MEAN												
MAX						0	25					
MIN						0.0	0.8		25			
AC-FT						0.0	0.8	0.8	0.8	0.8	0.8	0.0
						0.0	0.8	0.8	0.8	0.8	0.8	0.0
						0	49	48	49	49	48	0
IRRIGATION YEAR 1987												
TOTAL						122	MEAN	0	AC-FT	242		

16-NOV-87

13212994 MCCONNEL ISLAND CANAL
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1986 TO OCTOBER 1987
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	---	---	---	---	---	0.0	31	51	40	41	39	49
2	---	---	---	---	---	0.0	31	53	40	40	39	49
3	---	---	---	---	---	0.0	32	55	40	39	39	48
4	---	---	---	---	---	0.0	32	55	41	38	40	48
5	---	---	---	---	---	0.0	33	52	41	37	42	48
6	---	---	---	---	---	0.0	33	49	41	37	43	47
7	---	---	---	---	---	0.0	33	46	42	37	44	47
8	---	---	---	---	---	17	34	43	42	37	46	47
9	---	---	---	---	---	18	36	40	42	38	47	47
10	---	---	---	---	---	20	37	37	42	38	47	47
11	---	---	---	---	---	21	38	37	42	38	46	47
12	---	---	---	---	---	22	40	37	42	38	45	47
13	---	---	---	---	---	23	41	37	42	38	44	47
14	---	---	---	---	---	25	41	38	42	38	43	47
15	---	---	---	---	---	26	42	38	42	38	42	20
16	---	---	---	---	---	26	42	38	42	38	42	20
17	---	---	---	---	---	25	43	38	42	38	41	0.0
18	---	---	---	---	---	23	43	38	42	37	41	0.0
19	---	---	---	---	---	22	44	38	41	37	41	0.0
20	---	---	---	---	---	21	44	38	41	37	42	0.0
21	---	---	---	---	---	19	44	38	41	37	42	0.0
22	---	---	---	---	---	18	44	38	40	37	42	0.0
23	---	---	---	---	---	18	44	38	40	37	43	0.0
24	---	---	---	---	---	20	44	38	40	37	43	0.0
25	---	---	---	---	---	22	44	38	41	37	43	0.0
26	---	---	---	---	---	24	44	38	41	37	43	0.0
27	---	---	---	---	---	26	44	39	42	37	45	0.0
28	---	---	---	---	---	28	44	39	42	37	46	0.0
29	---	---	---	---	---	30	46	39	43	37	47	0.0
30	---	---	---	---	---	30	48	40	43	38	48	0.0
31	---	---	---	---	---	---	50	---	43	38	49	0.0
TOTAL						524	1242	1243	1284	1167	1303	685
MEAN						17	40	41	41	38	43	22
MAX						30	50	55	43	41	49	49
MIN						0.0	31	37	40	37	39	0.0
AC-FT						1039	2464	2465	2546	2315	2584	1359
IRRIGATION YEAR 1987						20	AC-FT	14772				
TOTAL						7448	MEAN					

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STREAM FLOW MEASURING STATIONS

PRELIMINARY DATA

19-JAN-88

13185000 BOISE RIVER NEAR TWIN SPRINGS
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1986 TO OCTOBER 1987
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	467	352	368	349	336	622	3130	1175	411	207	157	246
2	442	379	388	354	330	777	2500	1039	429	203	155	246
3	437	376	410	364	329	950	2060	971	375	198	157	244
4	431	399	408	357	338	1080	1830	937	347	195	158	244
5	423	469	378	337	420	1200	1740	932	333	189	162	244
6	433	486	317	333	743	1250	1820	951	322	185	163	245
7	439	385	298	341	987	1280	1990	989	313	184	162	246
8	445	319	247	354	976	1290	2150	1129	303	184	162	246
9	451	257	224	365	935	1220	2100	1040	300	181	160	246
10	457	185	238	376	875	1150	2130	997	309	177	159	246
11	464	189	259	383	844	1350	2080	912	361	178	157	247
12	470	304	389	386	800	1260	2000	850	313	175	157	248
13	476	396	440	461	1030	1150	2010	798	291	178	157	250
14	482	584	367	594	1220	1120	2020	749	276	209	157	249
15	488	428	333	510	1050	1220	1930	734	262	211	156	249
16	494	341	259	456	942	1360	1970	698	256	205	158	249
17	500	297	317	413	873	1540	2180	673	275	193	164	252
18	456	246	334	404	879	1650	1870	646	442	186	167	254
19	513	379	348	353	770	1540	1630	606	356	181	167	254
20	495	384	306	323	684	1390	1430	585	320	179	165	253
21	616	330	285	332	668	1330	1330	547	295	175	162	254
22	667	360	355	391	651	1390	1310	518	288	173	203	255
23	561	418	394	379	621	1600	1233	494	286	170	223	255
24	537	376	388	341	586	1660	1186	476	265	169	234	257
25	520	359	383	324	565	1780	1213	451	245	170	240	258
26	446	371	399	343	589	1960	1210	428	229	172	241	260
27	509	342	392	322	533	2110	1190	407	222	172	244	260
28	499	270	381	319	521	2340	1111	393	221	170	248	261
29	468	250	368	---	493	2580	1069	400	224	166	248	261
30	411	371	348	---	508	2840	1026	421	225	162	248	261
31	---	311	345	---	550	---	1125	---	215	159	---	261
TOTAL	14496	10913	10666	10564	21646	43989	53573	21946	9309	5656	5491	7797
MEAN	483	352	344	377	698	1466	1728	732	300	182	183	252
MAX	667	584	440	594	1220	2840	3130	1175	442	211	248	261
MIN	411	185	224	319	329	622	1026	393	215	159	155	244
AC-FT	28753	21646	21156	20954	42935	87252	106261	43529	18465	11219	10892	15466
IRRIGATION YEAR 1987												
TOTAL			216046	MEAN	592	AC-FT	428527					

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13186000 SOUTH FORK BOISE RIVER NR FEATHERVILLE
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1986 TO OCTOBER 1987
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	301	230	224	228	225	355	1860	668	342	195	160	151
2	298	229	228	230	225	427	1500	607	359	191	158	151
3	297	217	239	233	226	480	1250	575	312	187	157	149
4	297	255	241	225	225	527	1110	575	291	185	160	150
5	294	304	227	219	253	602	1080	579	277	184	163	149
6	294	301	219	220	435	659	1140	588	269	180	162	149
7	290	242	209	224	522	660	1260	622	258	175	162	150
8	288	214	192	230	455	669	1360	691	253	175	161	153
9	294	202	190	233	420	610	1350	671	255	175	160	156
10	255	172	190	238	399	580	1370	625	260	174	160	155
11	263	161	192	235	391	661	1340	568	281	174	160	155
12	339	193	192	235	377	607	1290	551	262	173	160	159
13	304	251	203	257	484	565	1280	514	250	173	160	166
14	303	284	226	279	500	570	1270	492	230	186	161	165
15	297	262	226	255	424	638	1220	491	217	189	162	163
16	300	231	226	246	399	737	1320	466	218	185	161	163
17	324	212	226	233	401	841	1570	430	232	180	164	162
18	309	198	228	235	404	908	1360	428	313	177	165	162
19	326	228	228	219	354	842	1170	413	291	175	165	163
20	313	235	228	214	332	746	1030	407	265	173	165	162
21	326	229	228	217	324	713	914	400	250	169	163	161
22	327	229	228	230	318	763	827	390	258	169	163	162
23	286	251	228	231	305	903	772	374	251	169	164	162
24	317	236	228	226	297	938	743	341	231	167	151	163
25	304	219	229	217	295	1010	788	326	220	166	147	163
26	257	222	234	219	304	1140	798	311	212	170	148	163
27	295	217	237	213	289	1250	776	297	208	170	149	162
28	301	202	241	217	284	1410	708	294	204	168	150	162
29	291	191	234	---	270	1560	680	304	210	166	151	162
30	255	212	227	---	291	1750	654	334	211	163	152	163
31	---	205	226	---	316	---	678	---	202	161	---	163
TOTAL	8945	7034	6874	6458	10744	24121	34467	14332	7890	5441	4762	4921
MEAN	298	227	222	231	347	804	1112	478	255	176	159	159
MAX	339	304	241	279	522	1750	1860	691	359	195	165	166
MIN	255	161	190	213	225	355	654	294	202	161	147	149
AC-FT	17742	13952	13635	12809	21311	47844	68366	28428	15650	10793	9446	9761
IRRIGATION YEAR 1987												
TOTAL				135990		373	AC-FT	269736				

19-JAN-88

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DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	386	310	323	310	314	315	606	1614	1703	1684	615	313
2	386	314	324	312	314	308	604	1617	1704	1679	615	313
3	387	314	329	310	314	301	604	1609	1705	1679	615	312
4	386	316	329	311	314	299	1170	1607	1707	1678	615	313
5	386	317	327	310	317	300	1660	1596	1708	1674	614	312
6	387	312	326	310	318	298	1680	1599	1714	1671	613	313
7	377	314	326	310	322	296	1690	1608	1706	1666	615	313
8	383	316	326	306	319	298	1680	1608	1702	1661	619	313
9	383	314	326	314	314	307	1680	1603	1702	1658	617	312
10	384	317	324	303	316	295	1680	1666	1702	1655	617	313
11	384	314	319	309	324	295	1680	1697	1705			
12	390	314	318	309	329	293	1690	1695	1704	1653	616	313
13	390	314	324	314	333	290	1690	1698	1703	1650	616	312
14	392	319	326	313	316	288	1690	1700	1703	1641	614	313
15	390	322	324	311	318	489	1700	1717	1699	1640	619	313
16	390	322	323	316	320					1635	559	314
17	390	319	325	317	322	610	1700	1711	1680			
18	389	316	318	315	323	609	1700	1711	1703	1628	389	314
19	368	319	317	317	323	605	1700	1698	1706	1624	314	314
20	308	322	322	313	323	608	1700	1704	1702	1618	313	314
21						606	1700	1704	1702	1611	314	315
22	308	320	320	311	324				1707	1610	314	315
23	308	318	319	314	326	602	1700	1705				
24	310	318	317	313	325	599	1700	1704	1705	1602	314	315
25	312	320	317	312	326	597	1700	1705	1701	1600	313	312
26			315	315	323	594	1700	1704	1687	1594	313	310
27	310	323	313	318	325	594	1700	1702	1686	1593	314	309
28	310	322	311	317	325	588	1700			1247	313	309
29	311	322	315	314	328	590	1700	1699	1684			
30	313	322	314	---	325	606	1700	1702	1687	891	315	
31	312	323	317	---	325	598	1618	1704	1687	687	315	309
	---	322	315	---	325	600	1617	1704	1687	613	315	307
					326	---	1614	1705	1687	615	315	304
								---	1686	615	314	306
										614	---	303
TOTAL	10738	9855	9949	8744	9971	13678	48452	50194	52638	44686	13960	9653
MEAN	358	318	321	312	322	456	1563	1673	1698	1441	465	311
MAX	392	323	329	318	333	610	1700	1717	1714	1684	619	31

13194100 BOISE RIVER AT ARROWROCK DAM
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1986 TO OCTOBER 1987
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	1247	1165	0.0	0.0	3682	0.0	3570	2807	4333	2812	979	700
2	1245	1042	0.0	0.0	3075	0.0	3335	2809	4276	2784	993	600
3	1243	1085	0.0	0.0	903	0.0	3323	2807	4120	2758	1008	600
4	1240	813	0.0	0.0	0.0	0.0	3510	2804	4022	2728	1020	450
5	1234	1312	0.0	0.0	549	0.0	3609	2797	3920	2698	1029	100
6	1229	1308	0.0	0.0	912	0.0	3606	2792	3822	2668	1040	1227
7	1230	1305	0.0	0.0	913	0.0	3602	2786	3674	2648	1052	250
8	1225	1303	0.0	0.0	916	0.0	3610	3176	3627	2626	1062	1200
9	1222	0.0	0.0	0.0	2103	3480	3624	3378	2743	2599	557	0.0
10	1218	0.0	0.0	0.0	2744	5142	3638	3348	2094	2574	0.0	0.0
11	1217	0.0	0.0	0.0	2729	5052	3651	3313	2133	2834	0.0	600
12	1214	0.0	0.0	0.0	3160	4962	3656	3277	2167	3120	0.0	600
13	1212	0.0	0.0	0.0	2091	4863	3657	3247	2210	2990	0.0	225
14	1208	0.0	0.0	0.0	898	4761	3667	3203	2294	2848	0.0	0.0
15	1206	0.0	0.0	0.0	900	4662	3671	3156	2245	2724	1382	0.0
16	1203	0.0	0.0	0.0	2065	4572	3671	3303	2029	2614	2020	0.0
17	1199	0.0	0.0	0.0	2696	4491	3680	3358	1971	2392	2296	0.0
18	1198	0.0	0.0	0.0	2678	3443	3690	3313	2002	2376	2438	0.0
19	1196	0.0	0.0	0.0	5952	2930	3896	3610	2041	2168	2200	0.0
20	1193	0.0	0.0	133	7724	2914	3999	3715	2161	1623	1906	0.0
21	1191	0.0	0.0	745	7463	2892	3959	3613	2178	1273	2588	0.0
22	1189	0.0	0.0	709	7191	2862	3708	3520	2758	1495	1485	0.0
23	1187	0.0	0.0	3373	2629	3274	3560	3428	3041	1597	700	0.0
24	1184	0.0	0.0	4919	0.0	3505	3532	3638	3015	1675	700	0.0
25	1181	0.0	0.0	4853	0.0	3468	3504	3614	2992	1715	700	0.0
26	1178	0.0	0.0	4785	0.0	3438	3479	3792	2964	1401	700	0.0
27	1176	0.0	0.0	3982	0.0	3839	3256	3750	2934	891	700	0.0
28	1174	0.0	0.0	3732	0.0	4064	2938	3560	2909	911	700	0.0
29	1171	0.0	0.0	---	0.0	4029	2825	3710	2886	928	1175	0.0
30	1168	0.0	0.0	---	0.0	3994	2820	3710	2862	943	700	0.0
31	---	0.0	0.0	---	0.0	---	2812	---	2838	962	---	0.0
TOTAL	36178	9333	0	27231	63973	86637	109058	99334	89261	66375	31130	6552
MEAN	1206	301	0.0	973	2064	2888	3518	3311	2879	2141	1038	211
MAX	1247	1312	0.0	4919	7724	5142	3999	3792	4333	3120	2588	1227
MIN	1168	0.0	0.0	0.0	0.0	0.0	2812	2786	1971	891	0.0	0.0
AC-FT	71759	18512	0	54013	126890	171844	216317	197029	177049	131655	61746	12996
IRRIGATION YEAR 1987			TOTAL	625062	MEAN	1712	AC-FT	1239810				

PRELIMINARY DATA

19-JAN-88

13200000 MORES CREEK ABOVE ROBIE CREEK
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1986 TO OCTOBER 1987
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	99	84	120	120	111	229	356	124	43	26	16	27
2	93	95	120	120	107	253	322	110	41	24	16	27
3	90	95	120	120	112	283	286	102	41	23	16	27
4	89	109	120	120	122	313	262	97	38	31	17	27
5	88	117	120	120	173	328	247	92	36	25	17	27
6	88	113	120	120	395	334	236	88	36	24	18	27
7	90	89	120	120	526	327	230	89	35	23	18	28
8	91	82	120	120	476	326	227	121	34	23	19	28
9	89	60	120	120	440	318	221	109	33	22	19	28
10	74	56	120	120	404	301	215	101	33	22	19	28
11	78	120	120	120	425	352	208	91	34	23	19	29
12	93	120	120	120	415	337	198	83	35	23	19	30
13	92	120	120	120	561	305	189	76	35	23	19	31
14	90	120	120	210	618	289	178	70	34	23	19	31
15	90	120	120	204	522	294	169	69	32	23	19	31
16	90	120	120	172	462	304	163	69	30	23	20	31
17	107	120	120	147	425	321	188	69	29	23	21	32
18	118	120	120	136	434	331	167	70	34	23	22	32
19	117	120	120	117	386	313	153	71	41	23	23	33
20	117	120	120	107	342	286	147	68	41	22	23	33
21	130	120	120	113	317	270	135	65	39	21	24	34
22	155	120	120	121	301	267	127	62	37	20	24	34
23	135	120	120	117	285	281	119	59	36	20	24	35
24	126	120	120	104	269	287	117	58	36	19	24	35
25	124	120	120	95	261	292	123	56	34	19	24	35
26	104	120	120	110	261	298	179	50	30	20	24	35
27	116	120	120	87	244	303	160	46	28	20	24	35
28	115	120	120	97	234	308	125	44	26	20	24	36
29	109	120	120	---	216	318	122	42	25	19	26	36
30	92	120	120	---	219	330	119	46	27	18	26	38
31	---	120	120	---	225	---	120	---	28	18	26	38
TOTAL	3089	3420	3720	3497	10288	9098	5808	2296	1058	685	624	978
MEAN	103	110	120	125	332	303	187	77	34	22	21	32
MAX	155	120	120	210	618	352	356	124	43	31	26	38
MIN	74	56	120	87	107	229	117	42	25	18	16	27
AC-FT	6127	6784	7379	6936	20406	18046	11520	4554	2098	1358	1238	1939
IRRIGATION YEAR 1987			TOTAL	44560	MEAN	122	AC-FT	88385				

PRELIMINARY DATA

19-JAN-88

13203600 BOISE RIVER BELOW DIVERSION DAM NR BOISE
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1986 TO OCTOBER 1987
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	1310	1330	151	173	133	155	1900	1398	1581	1491	1221	519
2	1300	1330	156	173	135	154	1870	1362	1583	1485	1231	499
3	1330	1330	157	188	134	188	1870	1340	1556	1489	1276	454
4	1360	1330	161	190	131	227	1820	1390	1566	1492	1297	454
5	1380	1330	165	186	136	225	1770	1458	1583	1504	1302	473
6	1400	1340	174	173	141	223	1710	1483	1620	1501	1316	477
7	1410	1340	176	164	145	313	1670	1500	1607	1489	1299	481
8	1400	1340	182	158	151	360	1670	1512	1581	1467	1239	485
9	1400	1340	182	155	158	396	1680	1526	1565	1469	1206	614
10	1400	1050	184	146	162	417	1660	1500	1574	1469	1244	334
11	1400	790	186	142	165	445	1610	1484	1559	1454	1234	296
12	1400	114	186	146	166	465	1590	1480	1523	1459	1186	186
13	1400	103	182	144	169	568	1620	1482	1493	1449	1176	149
14	1400	102	157	141	169	639	1630	1483	1475	1415	1152	124
15	1390	100	137	137	170	754	1610	1498	1465	1427	1122	123
16	1390	100	158	136	182	1110	1630	1534	1467	1412	1099	123
17	1390	94	144	135	178	1250	1630	1534	1467	1412	1099	123
18	1390	86	139	136	182	1320	1600	1555	1362	1394	1092	123
19	1390	95	141	136	164	1330	1570	1509	1464	1406	1016	123
20	1400	100	154	137	141	1450	1550	1491	1473	1400	964	142
21	1400	103	152	136	139	1620	1540	1496	1468	1360	964	151
22	1400	105	158	137	142	1690	1510	1496	1459	1334	941	143
23	1380	109	166	220	144	1700	1490	1501	1433	1324	902	133
24	1370	113	171	224	148	1750	1480	1500	1447	1330	902	149
25	1360	119	175	148	152	1810	1490	1496	1446	1332	907	140
26	1290	122	175	140	161	1820	1480	1491	1422	1299	626	132
27	1340	123	178	135	168	1900	1480	1481	1408	1281	476	132
28	1350	122	179	133	154	1940	1509	1477	1392	1285	516	129
29	1350	124	178	---	152	1960	1396	1476	1433	1270	504	132
30	1350	126	177	---	153	1950	1432	1515	1477	1248	517	135
31	---	139	174	---	152	---	1428	1546	1476	1243	530	131
TOTAL	41230	16049	5155	4369	4777	30129	49753	44506	46454	43207	30456	7817
MEAN	1374	518	166	156	154	1004	1605	1484	1499	1394	1015	252
MAX	1410	1340	186	224	182	1960	1900	1555	1620	1504	1316	614
MIN	1290	86	137	133	131	154	1338	1340	1362	1233	476	123
AC-FT	81780	31833	10225	8666	9475	59761	98686	88278	92142	85702	60409	15506
IRRIGATION YEAR 1987												
TOTAL				323904	MEAN		887	AC-FT 642462				

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PRELIMINARY DATA

19-JAN-88

13206000 BOISE RIVER AT GLENWOOD BRIDGE
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1986 TO OCTOBER 1987
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	1460	1560	217	180	189	181	1090	540	746	638	475	402
2	1470	1580	211	184	190	184	985	524	737	632	483	439
3	1500	1580	206	200	191	174	985	496	699	631	506	433
4	1540	1580	205	192	181	200	941	518	708	628	532	425
5	1570	1580	206	187	181	203	874	596	718	634	535	434
6	1600	1580	209	182	196	210	825	631	777	628	553	445
7	1620	1580	209	175	206	194	754	646	764	632	546	448
8	1600	1590	210	173	196	209	759	659	745	627	509	448
9	1610	1590	214	173	195	200	778	685	721	627	447	576
10	1640	1300	218	173	191	198	776	661	749	632	480	400
11	1640	1050	216	170	206	169	734	622	759	637	503	341
12	1640	220	218	180	197	222	659	622	728	638	484	278
13	1640	210	218	214	205	242	691	623	690	647	480	230
14	1640	203	208	208	196	336	733	619	668	620	473	195
15	1650	200	184	198	198	378	719	640	662	621	447	189
16	1660	197	204	194	199	590	754	677	664	612	436	193
17	1660	195	188	192	200	679	777	677	664	612	436	192
18	1660	191	181	190	239	689	760	700	656	582	434	191
19	1660	194	180	188	214	696	716	671	655	595	443	191
20	1620	193	178	188	191	761	702	623	670	596	413	195
21	1610	189	192	187	188	901	698	623	660	568	418	216
22	1650	190	180	187	186	964	687	626	659	541	386	211
23	1620	189	179	209	186	965	656	640	623	539	382	179
24	1610	188	183	281	185	992	657	628	629	541	382	191
25	1610	186	197	209	185	1040	663	626	627	546	385	187
26	1570	186	189	197	186	1040	713	616	593	522	407	177
27	1570	186	184	195	192	1090	653	608	582	498	363	176
28	1580	184	186	189	184	1150	581	610	556	501	402	175
29	1580	186	183	---	182	1140	537	627	570	494	393	174
30	1580	185	181	---	183	1160	535	686	638	472	382	180
31	---	188	181	---	179	---	542	---	637	465	399	180
TOTAL	48060	20430	6115	5395	5997	17157	22933	18738	646	473	399	183
MEAN	1602	659	197	193	193	572	740	625	675	18015	13516	8681
MAX	1660	1590	218	281	239	1160	1090	700	777	647	553	280
MIN	1460	184	178	170	179	169	535	496	556	465	363	576
AC-FT	95327	40523	12129	10701	11895	34031	45487	37167	41521	35734	26808	17219
IRRIGATION YEAR 1987			TOTAL	205970	MEAN	564	AC-FT	408541				

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PRELIMINARY DATA

19-JAN-88

13210050 BOISE RIVER NR MIDDLETON
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1986 TO OCTOBER 1987
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	---	---	291	256	230	247	451	193	120	155	181	223
2	---	---	316	258	231	246	408	180	139	158	166	224
3	---	---	304	289	231	244	404	145	149	157	160	218
4	---	---	302	281	228	250	401	120	139	154	190	193
5	---	---	299	272	223	269	333	130	143	141	200	189
6	---	---	281	269	238	279	299	130	203	144	215	201
7	---	---	269	262	271	271	231	130	204	138	217	209
8	---	---	268	262	249	161	192	150	188	133	198	217
9	---	---	270	262	256	122	202	193	167	137	156	346
10	---	---	272	262	248	92	191	205	176	147	161	483
11	---	---	267	259	301	85	182	182	220	161	197	349
12	---	---	276	226	297	79	122	170	205	165	206	340
13	---	---	329	273	301	74	102	159	177	176	203	285
14	---	---	310	272	294	295	85	150	149	217	220	245
15	---	---	302	249	259	293	73	124	141	217	202	228
16	---	---	301	251	254	285	71	133	161	123	210	231
17	---	---	297	294	247	287	98	165	192	140	209	236
18	---	---	291	360	243	326	80	180	201	142	217	227
19	---	---	290	243	239	316	116	155	189	151	221	229
20	---	---	294	235	237	293	116	145	151	166	210	192
21	---	---	288	246	235	281	134	140	134	176	211	---
22	---	---	288	247	235	275	184	174	142	186	210	---
23	---	---	287	245	236	273	213	151	152	182	210	---
24	---	---	285	239	305	269	205	140	144	164	209	---
25	---	---	282	261	268	266	246	138	141	150	196	---
26	---	---	281	283	243	262	269	218	136	144	183	---
27	---	---	277	262	239	263	283	320	126	128	196	---
28	---	---	276	261	232	263	344	254	123	107	194	---
29	---	---	279	253	---	257	375	205	125	133	183	---
30	---	---	277	249	---	261	414	190	117	153	182	---
31	---	---	273	250	---	252	---	194	---	153	198	---
TOTAL		5507	8388	7174	8321	5725	6660	4610	4904	5621	5971	5064
MEAN		290	271	256	268	191	215	154	158	181	199	253
MAX		329	360	305	326	414	451	205	220	217	221	483
MIN		273	235	226	223	71	102	117	107	133	156	189
AC-FT		10923	16638	14230	16505	11355	13210	9143	9727	11149	11843	10045
IRRIGATION YEAR 1987			TOTAL	67945	MEAN	186	AC-FT	134768				

PRELIMINARY DATA

19-JAN-88

13213000 BOISE RIVER PARMA
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1986 TO OCTOBER 1987
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	
1	2070	2240	902	890	883	728	699	1096	267	422	622	661	
2	2200	2230	962	887	878	686	837	1005	291	445	635	669	
3	2250	2250	946	959	872	678	810	855	365	442	637	679	
4	2310	2250	955	994	872	633	855	680	412	411	687	683	
5	2350	2270	953	921	862	622	826	474	450	391	747	672	
6	2380	2270	943	887	901	557	709	420	515	359	778	689	
7	2390	2260	942	885	980	475	539	393	512	374	789	718	
8	2430	2250	934	878	966	447	427	581	472	360	783	744	
9	2370	2250	925	874	943	367	404	657	472	397	740	728	
10	2350	2250	930	873	919	325	366	734	546	447	682	1037	
11	2350	1870	917	872	915	294	367	729	646	397	672	863	
12	2300	1600	911	873	947	254	338	667	692	339	704	843	
13	2280	1080	932	956	928	226	270	563	682	391	717	786	
14	2300	996	920	1170	932	159	263	493	549	588	728	745	
15	2280	961	910	1030	924	145	298	536	475	689	706	722	
16	2290	946	854	1000	902	97	365	521	418	684	678	892	
17	2290	929	868	958	886	80	484	561	445	719	701	990	
18	2280	921	883	949	953	70	582	642	584	731	742	952	
19	2280	915	886	929	1020	70	566	679	683	651	760	950	
20	2260	913	865	915	942	92	578	666	730	653	732	961	
21	2280	908	871	909	900	98	576	558	696	634	720	973	
22	2320	901	875	909	881	88	556	552	677	636	714	965	
23	2340	901	894	915	866	82	570	533	688	630	717	915	
24	2290	901	889	951	758	94	573	467	648	649	717	927	
25	2280	898	923	990	847	101	614	388	603	637	662	911	
26	2260	892	998	917	837	113	900	348	559	599	703	920	
27	2220	893	966	895	833	146	1490	377	545	595	645	898	
28	2260	885	933	887	836	215	1299	372	419	614	673	901	
29	2260	885	900	---	823	338	1150	374	384	597	663	911	
30	2240	882	883	---	800	445	1066	306	405	588	652	917	
31	---	881	877	---	815	---	1074	---	402	611	---	912	
TOTAL	68760	43478	28347	26073	27621	8725	20451	17227	16231	16677	21106	26132	
MEAN	2292	1403	914	931	891	291	660	574	524	538	704	843	
MAX	2430	2270	998	1170	1020	728	1490	1096	730	731	789	1037	
MIN	2070	881	854	872	758	70	263	306	267	339	622	661	
AC-FT	136385	86239	56226	51716	54786	17306	40565	34170	32194	33078	41864	51832	
IRRIGATION YEAR 1987													
TOTAL			320828			MEAN			879			AC-FT 636361	

RESERVOIRS

13190000 ANDERSON RANCH RESERVOIR
 CONTENTS IN ACRE FEET, IRRIGATION YEAR NOVEMBER 1986 TO OCTOBER 1987

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	328630	328390	328460	327958	328688	343881	378196	352240	282996	195199	119206	102267
2	328320	328420	328490	328171	328651	344462	380323	350350	280130	192239	118276	102008
3	328000	328460	328520	328124	328651	345224	381820	348378	277448	189254	117305	101743
4	327884	328490	328560	328041	328735	346215	382036	346415	274640	186293	116411	101468
5	327930	328522	328590	328041	329049	346996	381147	344510	271801	183305	115517	101230
6	327829	328688	328620	328087	329585	348340	380353	342476	268973	180327	114639	100946
7	327773	328688	328651	328041	330704	349648	379702	340670	266129	177396	113771	100722
8	327607	328651	328282	327958	331725	350850	379203	338817	263334	174462	112861	100466
9	327560	328439	328254	327829	332562	351959	378816	337091	260519	171550	111936	100211
10	327630	328198	328087	327884	333175	352830	378409	335167	257751	168024	111055	99929
11	327700	327930	327930	327829	333826	354087	377880	333389	255036	165094	110153	99694
12	327773	327773	327930	327884	334355	355151	377260	331112	252218	162181	109284	99444
13	327801	327690	327958	328171	335495	356161	376590	328975	249421	159294	108399	99261
14	327773	327801	327930	328439	336490	357010	375972	326839	246537	156395	107485	98980
15	327801	327829	327930	328651	337137	357703	375151	324509	243726	153601	106643	98756
16	327801	327884	327773	328735	337710	358298	374796	322030	240726	150859	106238	98518
17	327930	327950	327773	328809	338480	359147	374745	319541	238103	147947	105946	98296
18	327960	328010	327644	328809	339223	359987	374350	317056	235452	144671	105667	98064
19	328000	328070	327690	328762	340131	360813	373387	314543	232810	141844	105427	97831
20	328030	328130	327607	328651	340509	361532	372199	311988	229976	139107	105171	97604
21	328060	328140	327514	328605	340840	362044	370808	309310	227290	136325	104883	97397
22	328090	328250	327431	328651	341161	362654	369277	306706	225017	133543	104648	97165
23	328130	328605	327431	328651	341445	363599	367539	304010	221755	130771	104408	96912
24	328160	328688	327644	328735	341691	364548	365934	301371	218931	128015	104147	96680
25	328190	328568	327773	328688	341909	365615	364319	298759	215991	125875	103843	96458
26	328230	328439	327884	328651	342022	367021	362782	296099	213168	124526	103538	96253
27	328260	328494	327829	328605	342429	368616	361158	293378	209709	123525	103252	96048
28	328290	328365	328124	328735	342646	370548	359537	290677	206888	122670	102992	95817
29	328320	328365	328013	---	342807	372490	357791	287908	203956	121807	102754	95592
30	328360	328400	328013	---	343100	375445	355956	285264	201052	120921	102527	95433
31	---	328430	328124	---	343433	---	354223	---	198119	120033	---	95228
MAX	328630	328688	328651	328809	343433	375445	382036	352240	282996	195199	119206	102267
MIN	327560	327690	327431	327829	328651	343881	354223	285264	198119	120033	102527	95228
CHNG		70	-306	611	14698	32012	-21222	-68959	-87145	-78086	-17506	-7299

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PRELIMINARY DATA

26-JAN-88

13194000
 ARROWROCK RESERVOIR
 CONTENTS IN ACRE FEET, IRRIGATION YEAR NOVEMBER 1986 TO OCTOBER 1987

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	187387	166072	194897	241007	227880	184047	131517	120413	66573	30510	15317	2500
2	186644	165846	196582	242441	223275	186395	132057	120489	63070	29287	15352	2500
3	185884	164520	198143	244087	221955	188930	131181	120302	59603	28044	15291	2500
4	185105	164754	199774	245674	223380	191850	129101	119917	56063	26847	14985	2500
5	184270	163910	201332	246857	225075	194846	128842	119520	52923	25710	14859	3560
6	183100	163008	202875	248089	225700	198429	128759	119159	49716	24563	14730	2500
7	181867	162044	204297	249943	227046	202747	128458	118817	46746	23464	14603	3350
8	181290	160828	205595	251505	228245	205552	129699	118400	43927	22419	14317	2500
9	180300	160488	206798	253042	228815	202450	130180	116879	42469	21435	14985	3850
10	179692	161562	208028	254664	226065	195452	130700	115531	42181	20397	16972	5190
11	178821	162716	209201	256226	222916	188970	131299	113980	42320	18585	18916	5350
12	178303	164100	210473	257819	218836	182508	131198	112521	42420	16219	21024	5500
13	177581	165609	212377	260198	217406	176028	131420	111010	42552	14353	23266	6400
14	176887	168230	213877	262460	218700	169641	131919	109210	42220	13102	25578	7750
15	176161	169882	215407	264534	220263	163845	131877	107485	42040	11626	24090	9140
16	175516	171446	216736	266672	220500	159016	131860	106055	42310	10276	22286	10530
17	174922	172718	217977	268413	216964	154509	132857	104340	42636	9166	19514	11920
18	174282	173976	219533	270481	214733	152114	132823	102605	43455	8351	15536	13310
19	173378	175493	220988	272008	205875	151064	132580	100279	44086	7846	11427	14700
20	173117	177063	222424	273267	193004	149401	130758	97639	44643	9374	8874	16098
21	172412	178546	223799	273632	180857	147082	128939	95075	44505	10857	5399	17551
22	172147	180014	225258	274442	169242	144655	127279	92693	43906	12423	3709	18692
23	171641	181686	226740	274442	165192	142956	125773	90371	42500	13932	3622	21248
24	170913	183197	228378	269430	165192	140622	124272	87811	41120	14715	3622	22301
25	170369	184732	230042	261510	167744	140622	122942	85017	39709	14220	3622	23354
26	169196	186053	231625	253188	169882	138644	121783	81946	38274	14220	3622	24720
27	169043	187708	233708	246103	172059	137043	121287	79033	36961	15047	3622	25962
28	168364	188998	234850	238911	174045	134960	121060	76500	35601	15138	3622	27292
29	167326	190292	236670	233397	176094	133958	120985	73881	34306	15123	2500	28559
30	166956	191808	238361	233397	177915	131860	120758	70451	33040	15119	2500	29814
31	---	193217	239277	---	179829	130838	120170	---	31799	15476	---	31080
MAX	187387	193217	239277	274442	228815	205552	132857	120489	66573	30510	25578	31080
MIN	166956	160488	194897	233397	165192	130838	120170	70451	31799	7846	2500	2500
CHNG	26261	26261	46060	-5880	-51510	-51049	-10668	-49719	-38652	-16323	-12976	28580

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PRELIMINARY DATA

26-JAN-88

13201500 LUCKY PEAK RESERVOIR
 CONTENTS IN ACRE FEET, IRRIGATION YEAR NOVEMBER 1986 TO OCTOBER 1987

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	37547	37355	30368	27861	59768	190275	265198	264893	263743	204891	134791	64105
2	37830	36860	30308	27872	65661	190532	264727	264814	263848	203340	131339	62411
3	38022	36568	30212	27895	67430	190719	264096	264837	263903	201739	127948	60733
4	38135	35674	30117	27486	67322	190949	263958	264671	263848	200011	124636	58996
5	38175	35925	30033	26548	68388	191140	263610	264399	263550	198320	121395	56623
6	38175	36151	29913	25059	70747	191683	263848	263848	263005	196502	118129	56071
7	38239	36329	29711	23428	73484	191846	264151	263417	262317	194697	115055	54052
8	38251	35186	29522	21823	76009	191920	264284	263656	261529	192997	112143	53464
9	38239	34042	29368	20119	80715	198674	264339	264013	259290	191214	108448	52924
10	38226	32899	29225	18343	86768	208151	264431	264399	255882	189334	103610	52825
11	38148	31994	29059	17079	92771	216939	264533	264759	252599	187960	99096	53680
12	38148	31886	28857	15835	99615	225568	264533	264948	249446	187027	94617	54582
13	38123	31801	28741	14197	104709	233170	264510	265087	246418	185918	90169	54827
14	38086	31789	28646	12568	107457	240097	264371	264920	243432	184618	86463	54640
15	38061	31752	28587	10687	110001	246263	264183	264837	240333	183308	83494	54438
16	38047	31717	28481	8597	114697	251500	264096	264671	237003	181903	82483	54252
17	38047	31645	28386	6511	120741	256104	264068	264316	233684	180276	82483	54052
18	38061	31547	28305	4461	126687	258612	263990	263958	230237	178498	82947	53850
19	38086	31464	28258	2367	138759	260190	264284	264151	226765	176655	82650	53622
20	38061	31415	28189	412	154367	261250	264759	264510	223517	173805	82777	53378
21	38111	31354	28119	509	169270	261744	265198	264727	220622	170556	83655	53177
22	38251	31271	28036	380	183514	261744	265336	264643	218716	167627	81814	53009
23	38303	31222	27978	6860	188887	262239	265336	264284	217363	164817	78404	52781
24	38265	31136	27944	17754	188964	262867	265253	264206	216146	162253	75240	52610
25	38290	31088	27919	27603	189151	263005	265165	264151	214925	159754	73261	52440
26	37638	31015	27919	37163	189315	262977	265415	264229	213709	156767	71533	52270
27	37625	30943	27919	45322	189455	263495	265498	264151	212499	152872	69789	52127
28	37586	30835	27932	52640	189711	264096	265336	263688	211124	149109	68030	51926
29	37522	30667	27932	---	189762	264643	265165	263170	209625	145422	67400	51759
30	37473	30596	27895	---	189921	265165	265087	263248	207980	141818	65751	51618
31	---	30453	27895	---	190085	---	265008	---	206426	138274	---	51435
MAX	38303	37355	30368	52640	190085	265165	265498	265087	263903	204891	134791	64105
MIN	37473	30453	27895	380	59768	190275	263610	263170	206426	138274	65751	51435
CHNG	---	-7020	-2558	24745	137445	75080	-157	-1760	-56822	-68152	-72523	-14316

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