

**WATER DISTRIBUTION
OF
BOISE RIVER
DISTRICT 63
1990**

REPORT ON
CANAL DELIVERIES FROM
BOISE RIVER
AND
DIFFERENT FEATURES AFFECTING THESE
DELIVERIES FOR THE IRRIGATION SEASON
OF 1990

(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

The 1990 water year was, to say the least, disappointing in terms of water supply. The Boise River drainage basin has experienced a fourth year of below normal precipitation and the water user community is nervous that this may be a long term trend.

There was only about 1.2 million acre feet of runoff, which is 800,000 to 900,000 acre feet short of being a somewhat normal year. Irrigators and water managers were forced to tighten-up and again practice very strict water management techniques to stretch their natural flow and storage water. There was approximately 254,000 acre feet left in the upper three storage reservoirs at the end of the 1990 season. This was a suprisingly large amount of carryover when you consider the severity of the water shortage. Irrigators and managers are becoming more and more efficient with their water as this dry cycle continues.

Because of the short water year, the Boise River Water Bank again proved to be of value to the water users. There was 11,182 acre feet sold thru the Bank and perhaps several thousand more could have been marketed had it been made available. With this dry cycle, most storage holders are being very conservative about placing water in the bank.

One other problem that may plague us in the future, if the basin returns to a normal water cycle, will be flooding. With the past low water years there has been no lengthy flood control operations. The river has not had a chance to clean itself since 1986. There seems to be some reduced carrying capacity in the river and should we go back to making flood control releases the Eagle Island area may not carry the flows.

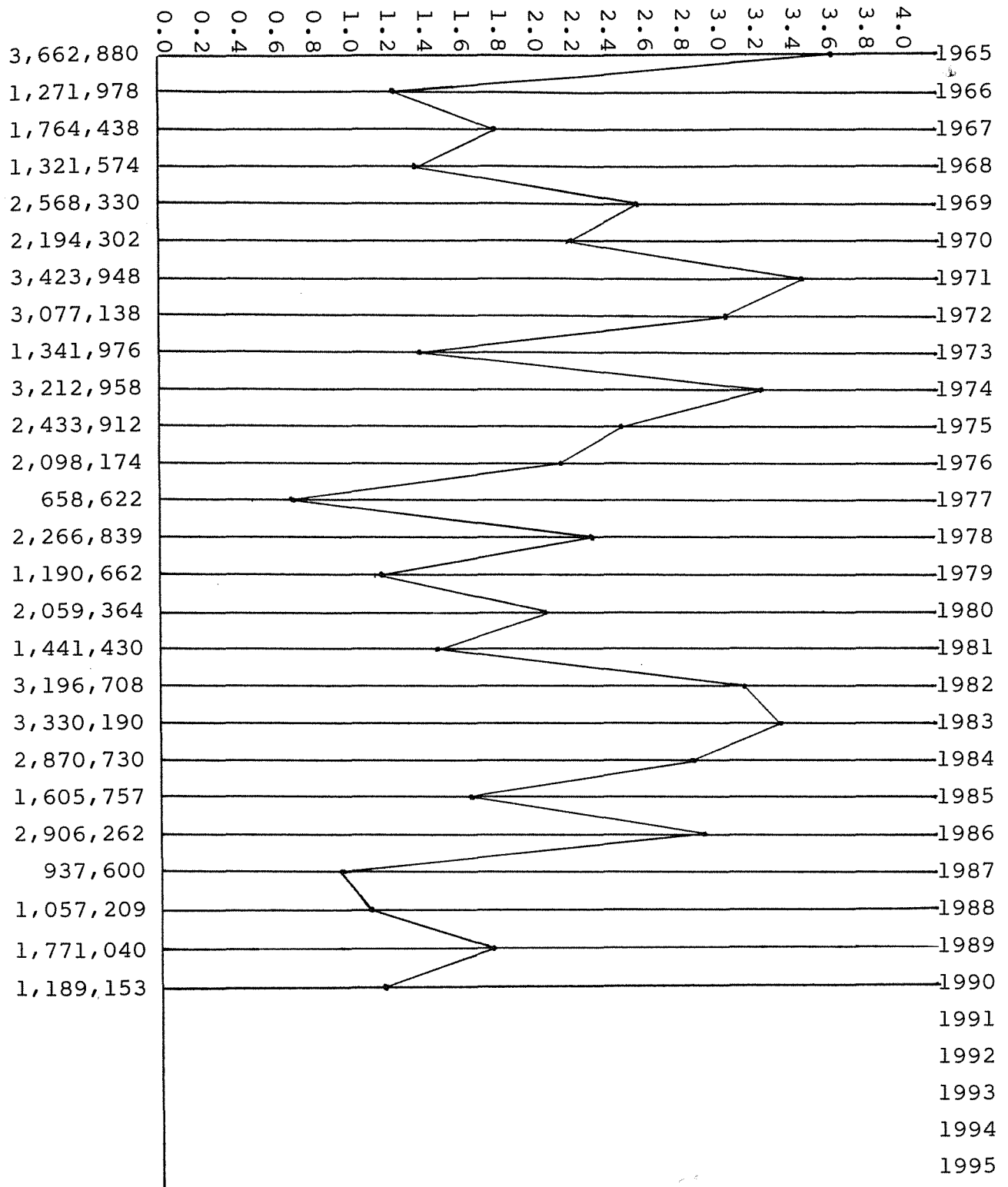
All of the data presented in this report will be based on an Irrigation Year, that being from November 1st to October 31st.

Only information concerning the Annual Water Users Meeting or budget matters will be based on a Calendar Year.

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

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

RUNOFF IN MILLIONS OF ACRE-FEET



ANNUAL RUNOFF OF BOISE RIVER

ORGANIZATION

The Annual Meeting of Water District #63 was held January 8, 1990, at 10:00 A.M., in the Valley View Grange Hall, Ada County, Idaho.

Mr. Lee Sisco was elected Watermaster from January 1, 1990, to December 31, 1990.

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 \$44,950.00 for the 1990 water year.

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

L. L. Murgoitio, Chairman
Sam Rosti, Secretary
Gary Bower
Martin Galvin
Carl German
Larry Story
Don Sayre
Don Smitchger
J. A. (Bob) Williams
Vernon Case
Jerry Gregg

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

DECREEES

Stewart Decree:

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

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

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

Bryan Decree:

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

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

Chart #1 shows the condensed "Stewart Decree", listing right holders, priority dates and the amount decreed. Chart #2 shows the Intervenorors 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.

STEWART DECREE

CHART NO. 1

BOISE RIVER

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

STEWART DECREE

CHART NO. 1

BOISE RIVER

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

STEWART DECREE

CHART NO. 1

BOISE RIVER

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

INTERVENORS - STEWART DECREE

CHART NO. 2

BOISE RIVER

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

STEWART AND BRYAN DECREES GROUPED UNDER CANAL HEADINGS

CHART NO. 3

NAME OF CANAL	CHANGE IN P. OF D.	TRANSFER	PRIORITY		AMOUNT DECREED			INCHES	TOTAL SEC. FT.
			NO.	DATE	STEWART DECREE	INTERVENORS			
						STEWART DECREE	BRYAN DECREE		
AIKEN			63	6-1-1877	5.20			260	
			73-A	4-1-1880	.10			5	5.30
ANDREWS DITCH			4	6-1-1864	3.30			165	
			29	6-1-1865	6.00			300	
			44	6-1-1869	8.50			425	
			51	5-1-1870	1.30			65	
			104	6-1-1888	.90			45	
			121	6-1-1891	3.50			175	23.50
BALLENTYNE			98	6-1-1888	4.00			200	
			99	6-1-1888	1.30			65	
			100	6-1-1888	1.40			70	
			101	6-1-1888	1.46			73	
			102	6-1-1888	1.20			60	
			103	6-1-1888	1.40			70	
			123	6-1-1891	.80			40	
			66-A	4-1-1878		.80		40	
			66-C	4-1-1878		1.40		70	
			66-D	4-1-1878		.80		40	
			85-D	5-1-1883		.8256		41.28	
			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*	
	3559*	3559*	33	6-1-1866	2.025*			101.25*	34.838

*SUBTRACT

STEWART AND BRYAN DECREES GROUPED UNDER CANAL HEADINGS

CHART NO. 9

NAME OF CANAL	CHANGE IN P. OF D.	TRANSFER	PRIORITY NO.	DATE	AMOUNT DECREED				
					STEWART DECREE	INTERVENORS		INCHES	TOTAL SEC. FT.
						STEWART DECREE	BRYAN DECREE		
BOISE VALLEY			15	6-1-1865	54.58			2729	
LICENSED RIGHT #15242		243		7-19-1921			(1.20)	60	55.78
BOONE DITCH			28	6-1-1865	7.00			350	
			47	6-1-1869	3.50			175	
			59	6-1-1874	2.20			110	12.70
BOWMAN & SWISHER	50		19	6-1-1865	2.88			144	
	51		20	6-1-1865	6.40			320	
	127*		20	6-1-1865	.80*			40*	
	224		89	11-9-1883	.20			45	9.38
			96	10-1-1887	.70				
BUBB (SOUTH BOISE MUTUAL)			107	5-1-1889	.06			3	
			108	5-1-1889	.02			1	
			109	5-1-1889	2.40			120	
			110	5-1-1889	6.00			300	
			111	5-1-1889	2.94			147	
			112	5-1-1889	.05			2.5	
			113	5-1-1889	.10			5	
			114	5-1-1889	.03			1.5	
			8-B	4-1-1865		1.80		90	
			8-D	4-1-1865		.50		25	
			50-A	1870		1.00		50	
			106-A	3-1-1889		.84		42	
				4-1-1905			5.40	270	21.14

*SUBTRACT

STEWART AND BRYAN DECREES GROUPED UNDER CANAL HEADINGS

CHART NO. 3

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

STEWART AND BRYAN DECREES GROUPED UNDER CANAL HEADINGS

CHART NO. 3

					AMOUNT DECREED				
NAME OF CANAL	CHANGE IN P. OF D.	TRANSFER	PRIORITY NO.	DATE	INTERVENORS			TOTAL SEC. FT.	
					STEWART DECREE	STEWART DECREE	BRYAN DECREE		
EUREKA No. 2			89	11-9-1883	21.70			1085	
	47		96	10-1-1887	29.50			1475	
	62		96	10-1-1887	1.00			50	
	71		24	6-1-1865	.80			40	
	85		24	6-1-1865	.50			25	
		111*	96	10-1-1887	1.20*			60*	
	131*		89	11-9-1883	.70*			35*	
	159		24	6-1-1865	.10			5	
	175		88	6-1-1883	1.70			85	
	224*		89	11-9-1883	.20*			10*	
			96	10-1-1887	.70*			35*	
	225*		89	11-9-1883	.60*			30*	
	287*		89	11-9-1883	1.40*			70*	
	289*		89	11-9-1883	.50*			25*	50.00
	FARMERS UNION			126	7-2-1894	110.00			5500
		136	2	6-1-1864	20.00			1000	
		370	33	6-1-1866	1.124			56.2	
		373	33	6-1-1866	.374			18.7	
		374	65	6-1-1877	.40			20	
		375	65	6-1-1877	.20			10	
		384	65	6-1-1877	.40			20	
		385	65	6-1-1877	.266			13.3	
		386	65	6-1-1877	.40			20	
		387	65	6-1-1877	.40			20	
		391	3)	6-1-1864					
			54)	6-1-1871	.15			7.5	
		393	3)	6-1-1864					
			54)	6-1-1871	.288			14.4	
			120)	6-1-1891					
		395	65	6-1-1877	.50			25	
		430*	65	6-1-1877	.25*			12.5*	
84			65	6-1-1877	.80			40	
		512	1	6-1-1864	1.00			50	
		513	1	6-1-1864	.50			25	
		530	1	6-1-1864	.30			15	
				7-2-1894			54.46	2723	
		1048	33	6-1-1866	.0875			4.375	
		1059	33	6-1-1866	.10			5	
		1855	32	6-1-1866	1.80			90	
									193.2995
GRAHAM & GILBERT			12	6-1-1865	2.03			101.5	2.03

STEWART AND BRYAN DECREES GROUPED UNDER CANAL HEADINGS

CHART NO. 3

NAME OF CANAL	CHANGE IN P. OF D.	TRANSFER	PRIORITY		AMOUNT DECREED				
			NO.	DATE	INTERVENORS			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			19	6-1-1865	2.88			144	19.60
			20	6-1-1865	5.40			320	
			21	6-1-1865	2.90			145	
			22	6-1-1865	3.20			160	
			38	6-1-1868	3.20			160	
			43	6-1-1869	3.60			180	
			73	6-1-1879	4.00			200	
			50*	19	6-1-1865	2.88*		144*	
			51*	20	6-1-1865	6.40*		320*	
			131	89	11-9-1883	.70		35	
			245	89	11-9-1883	.60		30	
			287	89	11-9-1883	1.40		70	

*SUBTRACT

STEWART AND BRYAN DECREES GROUPED UNDER CANAL HEADINGS

CHART NO. 9

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	179*		5	6-1-1864	2.86			143			
			52	6-1-1871	7.86			393			
			51	6-1-1864	.168*			8.4			
			52)	6-1-1871	.072*			3.6			
			138	6-14-1912		.44		22		10.92	
MACE & MACE		2996	137	5-1-1909		1.76		88			
			116	6-1-1889		.80		40		2.56	
MAMMON	176*		41	6-1-1869	1.80			90			
			68	6-1-1878	4.20			210			
			69	5-1-1878	3.36			168			
			70	6-1-1878	8.80			440			
			70	6-1-1878	8.80*			440*		9.36	
MIDDLETON MILL	54 75* 147*		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			
			35	6-1-1867	1.11			55.5			
			35	6-1-1867	.50*			25*			
			35	6-1-1867	.20*			10*			
			300*	3)	6-1-1864						
			54)	6-1-1871	.35*			17.5*			
			120)	6-1-1891							
			301*	3)	6-1-1864						
			54)	6-1-1871	1.54*			77*			
			120)	6-1-1891							
			347*	3	6-1-1864	.14*				7*	
			349*	3	6-1-1864	.14*				7*	
			350*	3	6-1-1864	.14*				7*	
			391*	3)	6-1-1864						
				54)	6-1-1871	.15*				7.5*	
			393*	3)	6-1-1864						
				54)	6-1-1871	.288*				14.4*	
				120)	6-1-1891						
			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 NO.	DATE	AMOUNT DECREED			INCHES	TOTAL SEC. FT.
					STEWART DECREE	INTERVENORS STEWART DECREE	BRYAN DECREE		
MIDDLETON IRRIGATION			65	6-1-1877	114.08			5704	
	36		35	6-1-1867	.38			19	
	57*		65	5-1-1877	.50*			30*	
	61		31-B	6-1-1866		.60		30	
	84*		65	6-1-1877	.80*			40*	
	126		31-A	6-1-1866		2.30		115	
		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*	112.75
<u>MISCELLANEOUS</u>									
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			85-A	6-1-1882		1.76		88	
(MARSTERS DITCH)	83*		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. 9

NAME OF CANAL	CHANGE IN P. OF D.	TRANSFER	PRIORITY		AMOUNT DECREED					
			NO.	DATE	STEWART DECREE	INTERVENORS		INCHES	TOTAL SEC. FT.	
						STEWART DECREE	BRYAN DECREE			
NEW DRY CREEK			72	6-1-1879	31.32				1566	
			93	6-1-1886	15.22				761	
			97	6-1-1888	7.86				393	
			129-A	4-1-1897		.54			27	
			73-A	4-1-1880		.54			27	
			74-A	6-1-1880		1.816			90.8	
			85-C	5-1-1883		.2232			11.16	
			85-E	5-1-1883		.385			19.25	
			124-A	5-1-1893		.825			41.25	
		300	3)	6-1-1864						
		300	54)	6-1-1871	.35				17.5	
		300	120)	6-1-1891						
		301	3)	6-1-1864						
		301	54)	6-1-1871	1.54				77	
		301	120)	6-1-1891						
		64		102	6-1-1888	.20			10	
		140		85-D	5-1-1883		.07		3.5	
		151*		124-A	5-1-1893		.135*		6.75*	
		161		103	6-1-1888	.65			32.5	
		174		103	6-1-1888	.24			12	
			713	90	5-1-1866	.54			27	
		1009*		73-A	4-1-1880		.10*		5*	62.0842
NEW UNION			14	6-1-1865	13.76			688	13.76	

STEWART AND BRYAN DECREES GROUPED UNDER CANAL HEADINGS

CHAPT NO. 3

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

*SUBTRACT

STEWART AND BRYAN DECREES GROUPED UNDER CANAL HEADINGS

CHART NO. 3

NAME OF CANAL	CHANGE IN P. OF D.	TRANSFER	PRIORITY		AMOUNT DECREED				TOTAL SEC. FT.
			NO.	DATE	INTERVENORS		BRYAN DECREE	INCHES	
					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*	
				7-3-1914			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*	
	35		45	6-1-1869	2.00			100	
175*		88	6-1-1883	1.70*			85*	290.37	
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 INCHES SEC. FT.	
					STEWART DECREE	INTERVENORS STEWART DECREE	BRYAN DECREE		
ROSSI MILL			16	6-1-1865	9.20			460	
			18	6-1-1865	.80			40	10.00
SEBREE (FARMERS CO-OP)			60	6-1-1875	10.00			500	
			86	6-1-1883	20.00			1000	
			105	7-1-1888	50.00			2500	
			129	7-1-1896	83.50			4175	
				4-1-1905			154.45	7722	
		717	9	6-1-1865	.64			32	318.59

*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	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	
		1771	67	5-1-1878	.40			20	
SEVEN SUCKERS	38)		57	6-1-1872	.54			27	
	39)		58	6-1-1872	.50			25	
	179		51	6-1-1864	.168			8.4	
			52)	6-1-1871	.072			3.6	1.28

*SUBTRACT

STEWART AND BRYAN DECREES GROUPED UNDER CANAL HEADINGS

CHART NO. 3

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

*SUBTRACT

STEWART AND BRYAN DECREES GROUPED UNDER CANAL HEADINGS

CHART NO. 3

NAME OF CANAL	CHANGE IN P. OF D.	TRANSFER	PRIORITY NO.	DATE	AMOUNT DECREED				
					STEWART DECREE	STEWART DECREE	BRYAN DECREE	TOTAL 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
20	BAXTER	3	.80	.60	.48	122.90	1359.5	1692.5
21	LOWER CENTER POINT	2	2.90	2.18	1.74	122.90	1359.5	1692.5
22	LOWER CENTER POINT	2	3.20	2.40	1.92	122.90	1359.5	1692.5
23	UPPER CENTER POINT	2	3.20	2.40	1.92	122.90	1359.5	1692.5
24	UPPER CENTER POINT	2	1.00	.75	.60	122.90	1359.5	1692.5
24	EUREKA #2	2	1.40	1.05	.84	122.90	1359.5	1692.5
25	UPPER CENTER POINT	2	3.94	2.96	2.36	122.90	1359.5	1692.5
26	UPPER CENTER POINT	2	1.60	1.20	.96	122.90	1359.5	1692.5
27	UPPER CENTER POINT	2	1.58	1.19	.95	122.90	1359.5	1692.5
28	BOONE	3	7.00	5.25	4.20	122.90	1359.5	1692.5
29	ANDREWS	3	6.00	4.50	3.60	122.90	1359.5	1692.5
30	*MIDDLETON MILL	1	.40	.40	.40	123.30	1359.5	1692.5
30	*MISCELLANEOUS	1	3.00	3.00	3.00	126.20	1359.5	1692.5
30	*NEW DRY CREEK	1	.54	.54	.54	126.84	1359.5	1692.5

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

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

CHART NO. 4

NC.	CANAL	RIVER SECTION	100% OF DECREE	75% OF DECREE	60% OF DECREE	FLOW TO FILL 60%	FLOW TO FILL 75%	FLOW TO FILL 100%
30	*NEW YORK	1	15.10	15.10	15.10	141.94	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	1693.2
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	MAHMON	3	1.80	1.35	1.08	269.12	1383.5	1732.6
42	THURMAN MILL	1	1.60	1.20	.96	270.08	1383.8	1733.0
43	LOWER CENTER POINT	2	3.60	2.70	2.16	270.08	1383.8	1733.0
44	ANDREWS	3	8.50	6.38	5.10	270.08	1383.8	1733.0
45	PIONEER DIXIE	2	33.10	24.83	19.86	270.08	1383.8	1733.0
45	NEW YORK	1	.34	.26	.20	270.28	1383.8	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	BUBB	1	1.00	.75	.60	312.01	1394.2	1750.5
51	ANDREWS	3	1.30	.98	.78	312.01	1394.2	1750.5
52	MACE-CATLIN	1	7.79	5.84	4.67	316.68	1395.4	1752.4
52	SEVEN SUCKERS	1	.07	.05	.04	316.72	1395.4	1752.5
53	MEEVES	1	1.80	1.35	1.08	317.80	1395.7	1752.9
54	MIDDLETON MILL	1	32.43	24.32	19.46	337.26	1400.5	1761.0
54	FARMERS UNION	1	.26	.20	.16	337.42	1400.6	1761.1
54	NEW DRY CREEK	1	1.01	.76	.61	338.03	1400.7	1761.3
55	THURMAN MILL	1	.70	.53	.42	338.45	1400.8	1761.5

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

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

NO.	CANAL	RIVER SECTION	100% OF DECREE	75% OF DECREE	60% OF DECREE	FLOW TO FILL 60%	FLOW TO FILL 75%	FLOW TO FILL 100%
56	THURMAN MILL	1	1.40	1.05	.84	339.29	1401.1	1761.9
57	HART DAVIS	1	3.86	2.90	2.32	341.61	1401.6	1762.8
57	SEVEN SUCKERS	1	.54	.41	.32	341.93	1401.7	1763.0
58	HART DAVIS	1	2.80	2.10	1.68	343.61	1402.1	1763.7
58	SEVEN SUCKERS	1	.50	.33	.30	343.91	1402.2	1763.8
59	BOONE	3	2.20	1.65	1.32	343.91	1402.2	1763.8
59A	ROEDEL	2	3.20	2.40	1.92	343.91	1402.2	1763.8
60	SEBREE	2	10.00	7.50	6.00	343.91	1402.2	1763.8
61	WARM SPRINGS	1	2.30	1.73	1.38	345.29	1402.6	1764.4
62	THURMAN MILL	1	.44	.33	.26	345.55	1402.6	1764.5
63	AIKEN	1	5.20	3.90	3.12	348.67	1403.4	1765.8
64	CONWAY-HAMMING	1	.90	.68	.54	349.21	1403.5	1766.0
65	MIDDLETON IRRIGATION	1	109.51	82.13	65.71	414.92	1420.3	1793.4
65	BALLENTYNE	1	.60	.45	.36	415.28	1420.1	1793.5
65	FARMERS UNION	1	3.12	2.34	1.87	417.15	1420.5	1794.3
65	RIDENBAUGH	1	.40	.30	.24	417.39	1420.6	1794.4
65	SETTLERS	1	.45	.34	.27	417.66	1420.6	1794.5
66	FARRAULT & JOHNSON (POWER)	1	200.00	200.00	200.00	417.66	1420.6	1794.5
66A	BALLENTYNE	1	.80	.60	.48	418.14	1420.8	1794.7
66C	BALLENTYNE	1	1.40	1.05	.84	418.98	1421.0	1795.1
66D	BALLENTYNE	1	.80	.60	.48	419.46	1421.1	1795.3
67	RIDENBAUGH	1	169.60	127.20	101.76	521.22	1446.5	1837.7
67	SETTLERS	1	.40	.30	.24	521.46	1446.6	1837.8
68	MAMMON	3	4.20	3.15	2.52	521.46	1446.6	1837.8
69	MAMMON	3	3.36	2.52	2.02	521.46	1446.6	1837.8
70	HAAS	3	8.80	6.60	5.28	521.46	1446.6	1837.8
71	PARMA	3	4.40	3.30	2.64	521.46	1446.6	1837.8
71A	ISLAND HIGH LINE	3	3.00	2.25	1.80	521.46	1446.6	1837.8
72	NEW DRY CREEK	1	31.32	23.49	18.79	540.25	1451.3	1845.6
73	LOWER CENTER POINT	2	4.00	3.00	2.40	540.25	1451.3	1845.6
73A	NEW DRY CREEK	1	.44	.33	.26	540.51	1451.4	1845.7
73A	AIKEN	1	.10	.08	.06	540.57	1451.4	1845.7
73B	BAXTER	3	3.20	2.40	1.92	540.57	1451.4	1845.7
74	PARMA	3	1.76	1.32	1.06	540.57	1451.4	1845.7
74A	NEW DRY CREEK	1	1.82	1.37	1.09	541.66	1451.6	1846.2
75	THURMAN MILL	1	2.40	1.80	1.44	543.10	1452.0	1846.8
76	THURMAN MILL	1	.90	.68	.54	543.64	1452.1	1847.0
77	CALDWELL HIGH LINE	1	27.60	20.70	16.56	560.20	1456.3	1853.9
77A	PARMA	3	1.60	1.20	.96	560.20	1456.3	1853.9
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	.30	.68	.54	560.74	1456.4	1854.1
79	THURMAN MILL	1	.60	.45	.36	561.10	1456.5	1854.3
80	MISCELLANEOUS	1	1.60	1.20	.96	562.06	1456.7	1854.7

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

CHART NO. 4

<u>NO.</u>	<u>CANAL</u>	<u>RIVER SECTION</u>	<u>100% OF DECREE</u>	<u>75% OF DECREE</u>	<u>60% OF DECREE</u>	<u>FLOW TO FILL 60%</u>	<u>FLOW TO FILL 75%</u>	<u>FLOW TO FILL 100%</u>
81	THURMAN MILL	1	2.20	1.65	1.32	563.33	1457.1	1855.2
81	SETTLERS	1	.40	.30	.24	563.62	1457.1	1855.3
81	WARM SPRINGS	1	.80	.60	.48	564.10	1457.3	1855.5
82	WARM SPRINGS	1	.44	.33	.26	564.36	1457.3	1855.6
83	WARM SPRINGS	1	.44	.33	.26	564.62	1457.4	1855.7
84	THURMAN MILL	1	1.50	1.13	.90	565.52	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	MISCELLANECUS	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	2.25	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
100	BALLENTYNE	1	1.40	1.05	.84	688.64	1488.4	1907.4
101	BALLENTYNE	1	1.46	1.10	.88	689.52	1488.6	1907.8
102	BALLENTYNE	1	1.00	.75	.60	690.12	1488.8	1908.0
102	NEW DRY CREEK	1	.20	.15	.12	690.24	1488.8	1908.1
103	BALLENTYNE	1	.51	.38	.31	690.55	1488.9	1908.2
103	NEW DRY CREEK	1	.89	.67	.53	691.08	1489.0	1908.4
104	ANDREWS	3	.90	.68	.54	691.08	1489.0	1908.4
105	SEBREE	2	50.00	37.50	30.00	691.08	1489.0	1908.4
106	RIDENBAUGH	1	361.34	271.46	217.16	906.24	1543.3	1998.9
106	NEW YORK	1	8.90	6.68	5.34	913.58	1544.6	2001.2

TABLE SHOWING PRESENT DIVERSION OF STEWART 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	BUEB	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	BLBB	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	.44	.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	**MCMANUS 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.

DISTRIBUTION OF DRAINAGE WATER
TO VARIOUS CANALS

CHART NO. 6

DRAINAGE DISTRICT NO. 2

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

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

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

DRAINAGE DISTRICT NO. 3

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

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

DRAINAGE DISTRICT NO. 4

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

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

TRANSFERS

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

FLOOD CONTROL

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

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

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

CHART NO. 7

NO. OF CHANGE OF POINT OF DIVERSION	POINT OF DIVERSION		DEPT. OF WATER ADMINISTRATION	PRIORITY		DATE OF CHANGE	QUANTITY		BY WHOM TRANSFERRED	REMARKS
	FROM	TO		NO.	DATE		IN CFS	IN INCHES		
12	SIEBENBERG	CANYON DITCH	63-0138	9	6-1-1865	4-8-1912	.50	25	HENRY MEER	
29	CALDWELL HIGH LINE	CANYON COUNTY	63-0179	46	6-1-1869	8-26-1918	1.00	50	J. C. HUGHES	
32	DAVIS	DAVIS DITCH	63-0122	119	6-1-1891	7-15-1919	.54	27	DAVIS ESTATE	
35	PIONEER DIXIE	RIVERSIDE	63-0136	8	9-1-1864	4-3-1919	.72	36	REBECCA BELL	
			63-0137	45	6-1-1869		1.28	64		
36	CANYON COUNTY	MIDDLETON WATER	63-0168	35	6-1-1867	4-12-1918	.38	19	DRAPER, BODLE, WATT, SURGEON	FLAKE DITCH
36A	AMERICAN DITCH	PIONEER DIXIE	63-0233	96	10-1-1887	4-19-1909	2.00	100	C. H. ROSENBERGER	
38	HART & DAVIS	SEVEN SUCKERS	63-0186	57	6-1-1872	9-24-1915	1.04	52	SHAFFER, BLAIR, JENKINS, PARROTT	
			63-0187	58	6-1-1872					
39	HART & DAVIS	SEVEN SUCKERS	63-0186	57	6-1-1872	6-12-1918			GEORGE RAMBO	
			63-0187	58	6-1-1872					
47	AMERICAN DITCH	EUREKA NO. 2	63-0233	96	10-1-1887	3-18-1910	29.50	1475	AMERICAN DITCH ASSN.	
48	AMERICAN DITCH	PIONEER DIXIE	63-0233	96	10-1-1887	3-31-1910	4.10	210	NANCY & WILLIAM NICHOLS, C.W. COOPER	
50	LOWER CENTER POINT	BOWMAN & SWISHER	63-0151	19	6-1-1865	3-31-1920	2.88	144	JOHN SWISHER	
51	LOWER CENTER POINT	BOWMAN & SWISHER	63-0152	20	6-1-1865	3-31-1920	6.40	320	BIRD BOWMAN	
54	CANYON COUNTY	MIDDLETON MILL	63-0168	35	6-1-1867	4-24-1920	1.11	55.5	H. G. DUDLEY	FOOTE & WISEMAN
57	MIDDLETON WATER	BALLENTYNE	63-0198	65	6-1-1877	12-2-1920	.60	30	EDWARD MCCLINTOCK	
59	KENNEDY	CANYON COUNTY	63-0163	31	6-1-1866	3-18-1921	2.60	130	DANIEL W. KENNEDY	
61	KENNEDY & LAWRENCE	MIDDLETON WATER	63-0255	318	6-1-1866	6-22-1921	.60	30	MINNIE COUZENS	
62	PIONEER DIXIE	EUREKA NO. 2	63-0233	96	10-1-1887	11-14-1910	1.00	50	J. A. CARTRIGHT	
64	BALLENTYNE	NEW DRY CREEK	63-0238	102	6-1-1888	12-21-1921	.20	10	HARRY SEAVEY	
71	UPPER CENTER POINT	EUREKA NO. 2	63-0156	24	6-1-1865	3-14-1911	.80	40	J. D. ROLAND	
75	MIDDLETON MILL	CANYON COUNTY	63-0168	35	6-1-1867	11-25-1924	.50	25	DEWEEDE, NORTHWESTERN & PACIFIC HYPOTHECBANK	
76	THURMAN DRAIN	SETTLERS	63-0257	858	4-1-1883	3-12-1925	1.00	50	JACOB BINDMAN	
77	BUBB	BAHLER	63-0278	8A	4-1-1865	4-26-1925	.80	40	ADOLPH BAHLER	
			63-0279	47A	4-1-1870		.80	40		
83	WARM SPRINGS DITCH	SETTLERS	63-0287	85A	6-1-1882	4-29-1926	.72	36	LEO MARSTERS	
84	MIDDLETON WATER	FARMERS UNION	63-0198	65	6-1-1877	3-9-1926	.80	40	J. C. RALPHS	
85	UPPER CENTER POINT	EUREKA NO. 2	63-0156	24	6-1-1865	5-7-1926	.50	25	J. C. BRUCE	
103	PARMA DITCH	PARMA DITCH	63-0203	71	6-1-1878	10-3-1928	11.96	598	CHARLES JURRIES	NEW DIVERSION POINT
			63-0209	74	6-1-1880					
			63-0272	77A	6-1-1888					
			63-0274	77B	6-1-1888					
			63-0275	77C	6-1-1888					
			63-0273	77D	6-1-1888					
			63-0204	125	6-1-1894					
126	LAWRENCE & KENNEDY	MIDDLETON WATER	63-0254	31A	6-1-1866	3-25-1931	2.30	115	WILLIAM MUSSER	
127	BOWMAN & SWISHER	BAXTER DITCH	63-0152	20	6-1-1865	8-15-1930	.80	40	WILLIAM BAXTER	
131	EUREKA NO. 2	LOWER CENTER POINT	63-0223	89	11-9-1883	1-16-1932	.70	35	R. E. MCGUIRE	
140	BALLENTYNE	NEW DRY CREEK	63-0260	85D	5-1-1883	4-11-1934	.06	3	CHARLES H. SCHMELZER	
141	FISCHER POWER	FISCHER POWER	63-2093	1246-1908	12-18-1934		200.00	10000	FISCHER POWER ONLY	BELOW FAIRVIEW BRIDGE
147	MIDDLETON MILL	CANYON COUNTY	63-0168	35	6-1-1867	1-8-1936	.20	10	CORA M. CLIFTON	
148	PIONEER DIXIE	UPPER CENTER POINT	63-0233	96	10-1-1887	4-17-1936	3.00	150	DORA GREER	
151	NEW DRY CREEK	BALLENTYNE	63-0258	124A	5-1-1893	2-18-1937	.135	6.75	J. H. CONE	
152	BAHLER DITCH	RIDENBAUGH	63-0279	47A	4-1-1870	5-15-1937	.80	40	ADOLPH BAHLER	
153	REIN-KEDH-BAHLER	RIDENBAUGH	63-0249	127	5-1-1895	5-15-1937	1.00	50	ADOLPH BAHLER	
154	BAHLER DITCH	RIDENBAUGH	63-0278	8A	4-1-1865	5-15-1937	.80	40	ADOLPH BAHLER	
159	UPPER CENTER POINT	EUREKA NO. 2	63-0156	24	6-1-1865	5-27-1939	.10	5	RAYMOND T. BRESHEANS	
161	BALLENTYNE	NEW DRY CREEK	63-0239	103	6-1-1888	5-5-1940	.65	32.5	SIDMAN I. BARBER	
166	EUREKA NO. 2	PIONEER DIXIE	63-0233	96	10-1-1887	4-21-1941	.60	30	D. W. BALDWIN	
171	EUREKA NO. 2	EUREKA NO. 2	63-0223	89	11-9-1883	2-26-1943	21.70	1085	RAYMOND T. BRESHEANS	NEW DIVERSION POINT
			63-0233	90	10-1-1887		24.50	1475		
			63-0156	24	6-1-1865		1.80	65		

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

CHART NO. 7

N ^O . OF CHANGE OF POINT OF DIVERSION	POINT OF DIVERSION		DEPT. OF WATER ADMINISTRATION	PRIORITY		DATE OF CHANGE	QUANTITY IN CFS	QUANTITY IN INCHES	BY WHOM TRANSFERRED	REMARKS
	FROM	TO		N ^O .	DATE					
172	UPPER CENTER POINT	UPPER CENTER POINT	(63-0155	(23	6-1-1865	2-26-1943	12.72	6360	HARRY VAIL	NEW DIVERSION POINT
			(63-0156	(24	6-1-1865					
			(63-0157	(25	6-1-1865					
			(63-0158	(26	6-1-1865					
			(63-0159	(27	6-1-1865					
			(63-0233	(96	10-1-1887		3.00	150		
174	BALLENTYNE	NEW DRY CREEK	63-0239	103	6-1-1888	3-28-1944	.24	12	FRANK M. RAY	
175	RIVERSIDE	EUREKA NO. 2	63-0222	88	6-1-1883	4-11-1944	1.70	85	WILBUR BRESHEARS	
176	HAMMON DITCH	HAAS DITCH	63-0202	70	6-1-1878	4-18-1944	8.80	440	CHARLOTTIE D. ALLEN	
179	MACE CATLIN	SEVEN SUCKERS	(63-0132	(5	6-1-1864	3-31-1945	.168	8.4	IDAHO FISH & GAME DEPT.	
			(63-0133	(52	6-1-1871		.072	3.6		
224	EUREKA NO. 2	BOWMAN & SWISHER	(63-0223	(89	11-9-1883	9-3-1954	.70	35	J. E. HOUSTON	
			(63-0233	(96	10-1-1887		.20	10		
227	O'DONNELL	BOISE RIVER	63-0276	114A	5-1-1889	12-17-1954	1.60	80	A. C. CRAWFORTH	PUMPED FROM RIVER
243	BOISE RIVER	BOISE VALLEY	63-2360	LICENSE#15242	7-19-1921	6-30-1958	1.20	60	MARIE ECHEVARRIA & I.N.KESSINGER	(FORMERLY DIVERTED FROM A
245	EUREKA NO. 2	LOWER CENTER POINT	63-0223	89	11-9-1883	6-30-1958	.60	30	J. E. EKBERG	SLOUGH)
254	ROBIE CREEK	MOMES CREEK	63-2036	LICENSE#1968	5-1-1906	12-20-1961	4.00	200	HARVEY BURNETT	
257	O'DONNELL	PARMA DITCH	63-0271	114B	5-1-1889	10-10-1962	.80	40	BERT L. TREDWAY	O'DONNELL DITCH WASHED AWAY
287	EUREKA NO. 2	LOWER CENTER POINT	63-0223	89	11-9-1883	1-18-1966	1.40	70	JOHN E. EKBERG	
289	EUREKA NO. 2	UPPER CENTER POINT	63-0223	89	11-9-1883	3-18-1966	.50	25	EARL GILES	
305	MEEVES NO. 1	MEEVES NO. 2	63-0185	53	6-1-1871	6-10-1968	1.80	90	CHARLES LITTLE	
1575	LAWRENCE & KENNEDY	LITTLE PIONEER	63-0001	31C	6-1-1866	9-23-1968	1.10	55	MILTON SPARKS	
1647	THURMAN HILL	ROISE RIVER	63-0213	80	6-1-1882	12-7-1970	1.60	80	CLARENCE T. LARSON	PUMPED FROM RIVER
1711	RIDENHAUGH	SETTLERS	63-0199 (PART)	67	5-1-1878	7-3-1975	.40	20	CECIL A. THOMAS	NEW DIVERSION POINT

TRANSFERS OF DECREEED RIGHTS ON BOISE RIVER

CHART NO. 7

NO. OF TRANSFER	POINT OF DIVERSION		DEPT. OF WATER ADMINISTRATION	PRIORITY		DATE OF TRANSFER	QUANTITY		BY WHOM TRANSFERRED	REMARKS
	FROM	TO		NO.	DATE		IN CFS	IN INCHES		
38	AMERICAN DITCH ASSN.	CANYON DITCH	63-0233	96	10-1-1887	9-1-1909	12.10	605	WM. M. MESSLER	
46	BARBER LUMBER CO.	PENITENTIARY	63-0184	50	6-1-1870	2-4-1910	2.24	112	BARBER LUMBER CO.	
105	SIEBENBERG	CANYON DITCH	63-0138	9	6-1-1865	9-18-1912	.50	25	H. E. MEEK	
111	EUREKA NO. 2	HILLCREST	(63-0233	(96	10-1-1887	11-25-1912	1.20)	60)	H. L. RANDALL ET AL	
	PIONEER DIXIE	"	(63-0136	(8	9-1-1864		20.34)	1017)		
	"	"	(63-0137	(45	6-1-1869					
136	JACOBS	FARMERS UNION	63-0123	2	6-1-1864	6-8-1914	20.00	1000	BOISE FRUIT TRACT CO.	
219	PIONEER IRRIGATION DIST.	PIONEER IRRIGATION DIST.				7-15-1918	8.64	432	PIONEER IRRIGATION DISTRICT	LICENSED RIGHT INDIAN CREEK
300	MIDDLETON MILL	NEW DRY CREEK	(63-0124	(3	6-1-1864	4-20-1921	.35	17.5	EMMA M. FOWLER	
			(63-0125	(54	6-1-1871					
			(63-0126	(120	6-1-1891					
301	MIDDLETON MILL	NEW DRY CREEK	(63-0124	(3	6-1-1864	4-20-1921	1.54	77	JOHN F. GROOME	
			(63-0125	(54	6-1-1871					
			(63-0126	(120	6-1-1891					
347	MIDDLETON MILL	SETTLERS	63-0124	3	6-1-1864	2-6-1925	.14	7	C. E. WHITE	
349	MIDDLETON MILL	SETTLERS	63-0124	3	6-1-1864	2-6-1925	.14	7	FRANK WEASEL	
350	MIDDLETON MILL	SETTLERS	63-0124	3	6-1-1864	2-6-1925	.14	7	CARL A. GISH	
357	MIDDLETON WATER	SETTLERS	63-0198	65	6-1-1877	5-5-1925	.20	10	NELLIE B. WHITAKER	
370	BOISE CITY	FARMERS UNION	63-0165	33	6-1-1866	3-16-1926	1.125	56.2	HENRY W. BARTLETT	
373	BOISE CITY	FARMERS UNION	63-0165	33	6-1-1866	4-26-1926	.375	18.7	L. A. RICE	
374	MIDDLETON WATER	FARMERS UNION	63-0198	65	6-1-1877	5-6-1926	.40	20	M. D. PARKS	
375	MIDDLETON WATER	FARMERS UNION	63-0198	65	6-1-1877	5-6-1926	.20	10	A. G. WING	
384	MIDDLETON WATER	FARMERS UNION	63-0198	65	6-1-1877	7-8-1926	.40	20	MARY F. LEACH	
385	MIDDLETON WATER	FARMERS UNION	63-0198	65	6-1-1877	7-8-1926	.266	13.3	H. E. MCCONNELL	
386	MIDDLETON WATER	FARMERS UNION	63-0198	65	6-1-1877	7-8-1926	.40	20	H. W. BARTLETT	
387	MIDDLETON WATER	FARMERS UNION	63-0198	65	6-1-1877	7-8-1926	.40	20	E. E. SMITH	
391	MIDDLETON MILL	FARMERS UNION	(63-0124	(3	6-1-1864	8-13-1926	.15	7.5	RUSH CHASE	
			(63-0125	(54	6-1-1871					
392	MIDDLETON WATER	RIDENBAUGH	63-0198	65	6-1-1877	8-21-1926	.40	20	FRED EGGERS	
393	MIDDLETON MILL	FARMERS UNION	(63-0124	(3	6-1-1864	9-15-1926	.288	14.4	A. C. BOWERMAN	
			(63-0125	(54	6-1-1871					
			(63-0126	(120	6-1-1891					
395	MIDDLETON WATER	FARMERS UNION	63-0198	65	6-1-1877	11-16-1926	.50	25	G. R. MCGUINE	
412	THURMAN MILL	SETTLERS	63-0214	81	6-1-1882	12-3-1927	.40	20	CHAR. P. MACE	
430	FARMERS UNION	SETTLERS	63-0198	65	6-1-1877	7-2-1928	.25	12.5	O. E. ALLISON	FORMERLY MIDDLETON WATER
466	RIDENBAUGH	NEW YORK	63-0200	106	8-20-1888	7-6-1929	8.90	445	W. H. TULLER	
512	JACOBS CANAL	FARMERS UNION	63-0120	1	6-1-1864	5-27-1932	1.00	50	W. SCOTT ANDERSON	
513	JACOBS CANAL	FARMERS UNION	63-0120	1	6-1-1864	5-27-1932	.50	25	FARMERS UNION DITCH	
530	JACOBS CANAL	FARMERS UNION	63-0120	1	6-1-1864	5-15-1934	.30	15	A. B. WHITNEY	
595	JACOBS CANAL	NAMPA MERIDIAN	63-0120	1	6-1-1864	9-9-1938	.20)	10)	BOISE TRUST CO.	SOMERHEIR
	"	SETTLERS					.20)	10)		FALK
608	RIVERSIDE	PIONEER DIXIE	63-0222	88	6-1-1883	4-29-1940	1.00	50	W. F. TRACY	
644	RIVERSIDE	PIONEER DIXIE	63-0222	88	6-1-1883	12-9-1942	.70	35	S. E. SMITH	
654	CONSUMERS	SETTLERS	63-0161	30	5-1-1866	10-18-1943	2.00	100	W. W. HOWELL	LARSON-HAMMING-BUDGE TRACTS
660	RIVERSIDE	PIONEER DIXIE	63-0222	88	6-1-1883	4-11-1944	.60	30	D. W. BALDWIN	
694	CONSUMERS	SETTLERS	63-0161	30	5-1-1866	4-29-1946	.68	34	W. W. HOWELL	EARL-FEWKES-STARK-KYLE
701	CONSUMERS	NEW YORK	63-0161	30	5-1-1866	12-20-1946	2.00	100	W. W. HOWELL	REX JENSEN (BOISE-KUNA IRRIG.)
702	CONSUMERS	SETTLERS	63-0161	30	5-1-1866	12-20-1946	.60	30	W. W. HOWELL	MRS. EDITH CURTIS
712	CONSUMERS	SETTLERS	63-0161	30	5-1-1866	6-14-1947	.90	45	W. W. HOWELL	SIMPSON-DEMOND-SIMPSON
713	CONSUMERS	NEW DRY CREEK	63-0161	30	5-1-1866	6-14-1947	.54	27	W. W. HOWELL	J. S. REEBE
717	SIEBENBERG	FARMERS CO-OP.	63-0138	9	6-1-1865	11-25-1947	.64	32	R. M. TUCKER	
720	CONSUMERS	SETTLERS	63-0161	30	5-1-1866	5-4-1948	1.34	67	W. W. HOWELL	DOTY-EROUAGA-ODERMOTT-CALDWELL-STEELE-ROYLANCE

NO. OF TRANSFER	POINT OF DIVERSION		DEPT. OF WATER ADMINISTRATION	PRIORITY NO.	DATE	DATE OF TRANSFER	QUANTITY IN CFS	QUANTITY IN INCHES	BY WHOM TRANSFERRED	REMARKS
	FROM	TO								
736	THURMAN MILL	SETTLERS	63-0170	37	6-1-1868	3-9-1949	1.00	50	AIRCRAFT SERVICE CO.	
737	CONSUMERS	SETTLERS	63-0161	30	5-1-1866	3-9-1949	1.10	55	W. W. HOWELL	
739	CONSUMERS	SETTLERS	63-0161	30	5-1-1866	4-2-1949	.15	7.5	W. W. HOWELL	
733	CONSUMERS	SETTLERS	63-0161	30	5-1-1866	4-14-1950	.46	23	J. R. FIELD	8" HAGER TRACT, 15" KIMBLE TRACT
734	CONSUMERS	MIDDLETON MILL	63-0161	30	5-1-1866	4-14-1950	.40	20	J. R. FIELD	BRINK TRACT
790	HILLCREST	NEW YORK	(63-0136	(8	9-1-1864	3-28-1952	21.54	1077	FOREST SOWER	
			(63-0137	(45	6-1-1869					
			(63-0233	(96	10-1-1887					
823	CONSUMERS	NEW YORK	63-0161	30	5-1-1866	7-13-1954	6.00	300	G. S. TAYLOR	BOISE-MUNA IRRIGATION DIST.
829	CONSUMERS	SETTLERS	63-0161	30	5-1-1866	9-3-1954	.48	24	G. S. TAYLOR	10"-GOLDEN KENT, 14"-EDMUND BUCH
871	THURMAN MILL	SETTLERS	63-0169	36	6-1-1868	10-2-1956	.288	14.4	J. FRANK BRYCE	
872	THURMAN MILL	SETTLERS	63-0169	36	6-1-1868	10-2-1956	.22	11	GEORGE D. KEYSER, JR.	
873	CONSUMERS	SETTLERS	63-0161	30	5-1-1866	10-2-1956	.20	10	G. S. TAYLOR	THEODORE L. JOHNSON TRACT
890	CONSUMERS	SETTLERS	63-0161	30	5-1-1866	7-11-1957	.10	5	FRANCIS H. NEITZEL	R. S. POTTER TRACT
906	CONSUMERS	SETTLERS	63-0161	30	5-1-1866	4-3-1958	.10	5	FRANK NEITZEL	R. W. WHITE TRACT
917	CONSUMERS	SETTLERS	63-0161	30	5-1-1866	12-15-1958	.20	10	FRANCIS H. NEITZEL	MAW-SPRAGUE TRACT
918	CONSUMERS	SETTLERS	63-0161	30	5-1-1866	12-15-1958	.025	1.25	FRANCIS H. NEITZEL	H. P. IRBY TRACT
940	CONSUMERS	SETTLERS	63-0161	30	5-1-1866	2-15-1960	.05	2.5	FRANK NEITZEL	EARL M. & DELLA LUXHART TRACT
976	CONSUMERS	NEW YORK	63-0161	30	5-1-1866	1-17-1962	1.50	75	G. S. TAYLOR	SYMMS FRUIT RANCH, INC.
977	CONSUMERS	SETTLERS	63-0161	30	5-1-1866	1-17-1962	.20	10	G. S. TAYLOR	EVERET RAMBO TRACT
979	CONSUMERS	SETTLERS	63-0161	30	5-1-1866	2-23-1962	.10	5	G. S. TAYLOR	R. E. & DAISY M. THOMPSON TRACT
980	CONSUMERS	SETTLERS	63-0161	30	5-1-1866	2-23-1962	.12	6	G. S. TAYLOR	CHESNEY LITTLE TRACT
989	CONSUMERS	SETTLERS	63-0161	30	5-1-1866	5-29-1962	.20	10	G. S. TAYLOR	THELION E. CHRISTENSEN TRACT
990	CONSUMERS	SETTLERS	63-0161	30	5-1-1866	7-5-1962	.08	4	G. S. TAYLOR	LYLE F. TRAPP TRACT
991	CONSUMERS	SETTLERS	63-0161	30	5-1-1866	7-5-1962	.16	8	G. S. TAYLOR	CHARLES G. HYDE TRACT
1007	CONSUMERS	NEW YORK	63-0161	30	5-1-1866	4-17-1963	1.00	50	G. S. TAYLOR	GLENN DRAPER
1009	NEW DRY CREEK	DRAIN DITCH	63-0288	73-A	4-1-1880	5-16-1963	.10	5	NEW DRY CREEK	R. B. BETTY
1010	CONSUMERS	NEW YORK	63-0161	30	5-1-1866	6-24-1963	2.00	100	G. S. TAYLOR	JOHN DOBSON
1011	CONSUMERS	RIVER	63-0161	30	5-1-1866	6-3-1963	3.00	150	G. S. TAYLOR	SURPRISE VALLEY FARMS
1017	CONSUMERS	NEW YORK	63-0161	30	5-1-1866	9-28-1963	.60	30	G. S. TAYLOR	FRANCIS HERMAN TRACT
1035	CONSUMERS	MORES CREEK	63-0161	30	5-1-1866	9-4-1964	2.00	100	G. S. TAYLOR	CARL NICHOLSON
1038	CONSUMERS	PHYLLIS	63-0161	30	5-1-1866	10-28-1964	21.715	1085.75	G. S. TAYLOR	PIONEER IRRIGATION DIST.
1048	BOISE CITY	FARMERS UNION	63-0165	33	6-1-1866	5-18-1965	.0875	4.38	BOISE CITY CANAL	LEATHERMAN & BINGHAM
1059	BOISE CITY	FARMERS UNION	63-0165	33	6-1-1866	10-28-1965	.10	5	BOISE CITY CANAL	W. T. & HATTIE M. SPRINGER
1074	MORES CREEK	NEW YORK	63-0161	30	5-1-1866	10-13-1966	2.00	100	CARL NICHOLSON	AVOLON ORCHARD TRACTS
1055	MANVILLE & LEONARD	FARMERS UNION	63-0164B	32	6-1-1866	11-17-1975	1.80	90.0	SYRINGA GARDENS	
2996	WARM SPRINGS DITCH	MACE MACE	63-0216	116	6-1-1889	8-5-1984	.80	40.0	L.C. MACE	
3326	GRAHAM GILBERT DITCH	BOISE RIVER	63-0144	12	6-1-1865	8-13-1987	2.37	118.5	JON WROTEN	
3373	THURMAN MILL	BOISE WATER CORP.	63-0169	36	6-1-1868	12-02-1987	.814	40.7	BOISE WATER CORP.	TO RANNEY COLLECTORS
3559	BOISE CITY CANAL	BOISE WATER CORP.	63-0165	33	6-1-1866	10-12-1988	2.025	101.25	BOISE CITY CANAL	TO RANNEY COLLECTORS

CANAL REGULATION

The first canal diversions occurred on March 19th, and continued until October 31st of this year. As mentioned, this was again a very poor water year with only 1.2 million acre feet of water being produced. There was a very good rain that arrived in May and helped prolong the natural flow and also contributed to the storage system. But, in addition to not having enough water, Mother Nature also threw at us the hottest summer time temperatures ever recorded. The fall also proved to be dry and as stated above, diversions continued until the very end of the irrigation season.

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 15th of May 1990, and continued in varying amounts until the 6th of October, 1990. As of the 31st of October 1990, which ends the 1990 irrigation year, there was 163,913 Ac.Ft. left in carryover in Anderson Ranch Reservoir, 440 Ac.Ft. in Arrowrock Reservoir carryover and 89,932 Ac.Ft. in the Lucky Peak Reservoir carryover account. The total left in the 1990 carryover storage accounts at the end of the irrigation season was 254,285 Ac.Ft..

Chart #8 shows the amount of storage that each of the storage holders are entitled to from the three reservoirs and Charts #9 and #10 are the 1990 storage accounts of the various space holders.

The storage for 1990 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 #11 is general information on the number of acres that are under each canal. These acres represent the best available information at this time, due to the age of the information caution should be used in its use.

CHART 8. 1990 BOISE RIVER RESERVOIR SPACE BY USER. (ACRE-FEET)

NUMBER	USER	ARROWROCK	ANDERSON	LUCKY PEAK	TOTAL
13201050	LUCKY PEAK NURSERY	200.0	0.0	0.0	200.0
13201990	FISH & GAME FLOW	0.0	0.0	50000.0	50000.0
13201991	USBR FLOW	0.0	0.0	102300.0	102300.0
13203000	NEW YORK	254571.0	359662.0	0.0	614233.0
13203760	RIDENBAUGH	3832.0	15137.0	35000.0	53969.0
13204005	BUBB	0.0	543.0	500.0	1043.0
13204060	ROSSI MILL	0.0	0.0	700.0	700.0
13204190	BOISE CITY	0.0	0.0	1000.0	1000.0
13205515	SETTLERS	2878.0	6082.0	10000.0	18960.0
13205517	DAVIS	0.0	0.0	1500.0	1500.0
13205622	THURMAN MILL	0.0	0.0	800.0	800.0
13205638	BOISE WATER CORP	0.0	1000.0	0.0	1000.0
13205640	FARMERS UNION	2874.0	5727.0	10000.0	18601.0
13205641	BOISE VALLEY	0.0	961.0	2500.0	3461.0
13205643	CAPITOL VIEW	0.0	460.0	300.0	760.0
13206090	NEW DRY CREEK	0.0	1296.0	3000.0	4296.0
13206092	NEW UNION	0.0	0.0	1400.0	1400.0
13206265	BALLENTYNE	0.0	376.0	1300.0	1676.0
13208710	MIDDLETON	0.0	0.0	11000.0	11000.0
13209480	PHYLLIS	21018.0	25582.0	16000.0	62600.0
13209482	EUREKA #1	0.0	0.0	2800.0	2800.0
13209630	LITTLE PIONEER	0.0	2174.0	500.0	2674.0
13209990	CANYON COUNTY	0.0	0.0	6000.0	6000.0
13210992	SEBREE	1227.0	0.0	0.0	1227.0
99999050	ANDERSON DAM POWER	0.0	4200.0	0.0	4200.0
99999100	EAGLE IS CANALS	0.0	0.0	7650.0	7650.0
	TOTAL	286600.0	423200.0	264250.0	974050.0

CHART 9. 1990 BOISE RIVER RESERVOIR STORAGE ACCOUNTS. (ACRE-FEET)

NUMBER	USER	ARROWROCK *-----ANDERSON RANCH-----*				*-----LUCKY PEAK-----*				SUBTOTAL	TRANSFERS	WTR	BANK	TOTAL
		STORAGE	CARRYOVER	NEW FILL	STORAGE	CARRYOVER	NEW FILL	STORAGE						
13201050	LUCKY PEAK NURSERY	200.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	200.0	0.0	0.0	0.0	200.0
13201990	FISH & GAME FLOW	0.0	0.0	0.0	0.0	10600.0	15524.2	26124.2	26124.2	0.0	0.0	0.0	0.0	26124.2
13201991	USBR FLOW	0.0	0.0	0.0	0.0	739.0	31762.5	32501.5	32501.5	0.0	0.0	0.0	0.0	32501.5
13203000	NEW YORK	254571.0	141459.1	116725.9	258185.0	0.0	0.0	0.0	512756.0	-2145.0	11122.0	0.0	0.0	521733.0
13203760	RIDENBAUGH	3832.0	0.0	4912.6	4912.6	6064.1	10866.9	16931.0	25675.7	2845.0	0.0	0.0	0.0	28520.7
13204005	BUBB	0.0	153.3	176.2	329.5	337.3	155.2	492.5	822.1	0.0	0.0	0.0	0.0	822.1
13204060	ROSSI MILL	0.0	0.0	0.0	0.0	472.2	217.3	689.5	689.5	0.0	0.0	0.0	0.0	689.5
13204190	BOISE CITY	0.0	0.0	0.0	0.0	233.2	310.5	543.7	543.7	0.0	0.0	0.0	0.0	543.7
13205515	SETTLERS	2878.0	0.0	1973.9	1973.9	4808.8	3104.8	7913.6	12765.5	0.0	0.0	0.0	0.0	12765.5
13205517	DAVIS	0.0	0.0	0.0	0.0	934.4	465.7	1400.1	1400.1	0.0	0.0	0.0	0.0	1400.1
13205622	THURMAN MILL	0.0	0.0	0.0	0.0	539.6	248.4	788.0	788.0	0.0	0.0	0.0	0.0	788.0
13205638	BOISE WATER CORP	0.0	535.0	324.5	859.5	0.0	0.0	0.0	859.5	0.0	0.0	0.0	0.0	859.5
13205640	FARMERS UNION	2874.0	0.0	1858.7	1858.7	2160.1	3104.8	5264.9	9997.6	0.0	0.0	0.0	0.0	9997.6
13205641	BOISE VALLEY	0.0	769.4	191.6	961.0	1686.4	776.2	2462.6	3423.6	0.0	-3300.0	0.0	0.0	123.6
13205643	CAPITOL VIEW	0.0	460.0	0.0	460.0	202.4	93.1	295.5	755.5	0.0	0.0	0.0	0.0	755.5
13206090	NEW DRY CREEK	0.0	737.3	420.6	1157.9	2023.7	931.5	2955.2	4113.1	0.0	0.0	0.0	0.0	4113.1
13206092	NEW UNION	0.0	0.0	0.0	0.0	694.9	434.7	1129.6	1129.6	0.0	0.0	0.0	0.0	1129.6
13206265	BALLENTYNE	0.0	97.4	122.0	219.4	876.9	403.6	1280.5	1500.0	0.0	0.0	0.0	0.0	1500.0
13208710	MIDDLETON	0.0	0.0	0.0	0.0	6717.0	3415.3	10132.3	10132.3	0.0	0.0	0.0	0.0	10132.3
13209480	PHYLLIS	21018.0	302.7	8302.5	8605.2	10792.8	4967.7	15760.5	45383.7	0.0	0.0	0.0	0.0	45383.7
13209482	EUREKA #1	0.0	0.0	0.0	0.0	1449.6	869.4	2319.0	2319.0	0.0	0.0	0.0	0.0	2319.0
13209630	LITTLE PIONEER	0.0	1819.3	354.7	2174.0	337.3	155.2	492.5	2666.5	0.0	0.0	0.0	0.0	2666.5
13209990	CANYON COUNTY	0.0	0.0	0.0	0.0	3133.8	1862.9	4996.7	4996.7	0.0	0.0	0.0	0.0	4996.7
13210992	SEBREE	1227.0	0.0	0.0	0.0	0.0	0.0	0.0	1227.0	0.0	-800.0	0.0	0.0	427.0
99999050	ANDERSON DAM POWER	0.0	4200.0	0.0	4200.0	0.0	0.0	0.0	4200.0	0.0	-4082.0	0.0	0.0	118.0
99999100	EAGLE IS CANALS	0.0	0.0	0.0	0.0	4618.8	2375.2	6994.0	6994.0	-700.0	-3000.0	0.0	0.0	3294.0
99999950	BOISE R WATER BANK	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	60.0	0.0	0.0	60.0
TOTAL		286600.0	150533.5	135363.2	285896.7	59422.3	82045.4	141467.7	713964.4	0.0	0.0	0.0	0.0	713964.4

CHART 10. 1990 BOISE RIVER RESERVOIR STORAGE ACCOUNTS - OCTOBER 31. (ACRE-FEET)

NUMBER	USER	BEGINNING STORAGE	STORAGE USED	BALANCE OCT 31	UNUSED TRANSFERS	UNUSED BANK	EXCESS USED	ARROWROCK UNUSED	ANDERSON CARRYOVER	LUCKY PEAK CARRYOVER
13201050	LUCKY PEAK NURSERY	200.0	186.5	13.5	0.0	0.0	0.0	13.5	0.0	0.0
13201990	FISH & GAME FLOW	26124.2	2638.0	23486.2	0.0	0.0	0.0	0.0	0.0	23486.2
13201991	USBR FLOW	32501.5	3828.9	28672.6	0.0	0.0	0.0	0.0	0.0	28672.6
13203000	NEW YORK	521733.0	360978.2	160754.8	0.0	0.0	0.0	0.0	160754.8	0.0
13203760	RIDENBAUGH	28520.7	28520.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13204005	BUBB	822.1	424.6	397.5	0.0	0.0	0.0	0.0	0.0	397.5
13204060	ROSSI MILL	689.5	0.0	689.5	0.0	0.0	0.0	0.0	0.0	689.5
13204190	BOISE CITY	543.7	118.3	425.4	0.0	0.0	0.0	0.0	0.0	425.4
13205515	SETTLERS	12765.5	6758.2	6007.3	0.0	0.0	0.0	0.0	0.0	6007.3
13205517	DAVIS	1400.1	283.1	1117.0	0.0	0.0	0.0	0.0	0.0	1117.0
13205622	THURMAN MILL	788.0	0.0	788.0	0.0	0.0	0.0	0.0	0.0	788.0
13205638	BOISE WATER CORP	859.5	458.5	401.0	0.0	0.0	0.0	0.0	401.0	0.0
13205640	FARMERS UNION	9997.6	9345.0	652.6	0.0	0.0	0.0	0.0	0.0	652.6
13205641	BOISE VALLEY	123.6	15.0	108.6	0.0	0.0	0.0	0.0	0.0	108.6
13205643	CAPITOL VIEW	755.5	0.0	755.5	0.0	0.0	0.0	0.0	460.0	295.5
13206090	NEW DRY CREEK	4113.1	309.1	3804.0	0.0	0.0	0.0	0.0	848.8	2955.2
13206092	NEW UNION	1129.6	240.3	889.3	0.0	0.0	0.0	0.0	0.0	889.3
13206265	BALLENTYNE	1500.0	543.6	956.4	0.0	0.0	0.0	0.0	0.0	956.4
13206274	EAGLE ISLAND PARK	0.0	98.6	-98.6	0.0	0.0	98.6	0.0	0.0	0.0
13208710	MIDDLETON	10132.3	820.9	9311.4	0.0	0.0	0.0	0.0	0.0	9311.4
13209480	PHYLLIS	45383.7	40268.2	5115.5	0.0	0.0	0.0	0.0	0.0	5115.5
13209482	EUREKA #1	2319.0	713.7	1605.3	0.0	0.0	0.0	0.0	0.0	1605.3
13209630	LITTLE PIONEER	2666.5	843.1	1823.4	0.0	0.0	0.0	0.0	1330.9	492.5
13209990	CANYON COUNTY	4996.7	1490.3	3506.4	0.0	0.0	0.0	0.0	0.0	3506.4
13210992	SEBREE	427.0	0.0	427.0	0.0	0.0	0.0	427.0	0.0	0.0
99999050	ANDERSON DAM POWER	118.0	0.0	118.0	0.0	0.0	0.0	0.0	118.0	0.0
99999100	EAGLE IS CANALS	3294.0	834.3	2459.7	0.0	0.0	0.0	0.0	0.0	2459.7
99999950	BOISE R WATER BANK	60.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TOTAL		713964.4	459777.1	254187.3	0.0	0.0	98.6	440.5	163913.5	89931.9

BOISE VALLEY CANALS AND ACREAGE

CHART NO. 11

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

DRAIN DISCHARGES

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

14-NOV-90

13205617 DRAINAGE DISTRICT #3
 DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1989 TO OCTOBER 1990
 MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	---	---	---	---	---	4.0	7.0	7.0	7.0	7.0	7.0	7.0
2	---	---	---	---	---	4.1	7.0	7.0	7.0	7.0	7.0	7.0
3	---	---	---	---	---	4.3	7.0	7.0	7.0	7.0	7.0	7.0
4	---	---	---	---	---	4.4	7.0	7.0	7.0	7.0	7.0	7.0
5	---	---	---	---	---	4.5	7.0	7.0	7.0	7.0	7.0	7.0
6	---	---	---	---	---	4.6	7.0	7.0	7.0	7.0	7.0	7.0
7	---	---	---	---	---	4.8	7.0	7.0	7.0	7.0	7.0	7.0
8	---	---	---	---	---	4.9	7.0	7.0	7.0	7.0	7.0	7.0
9	---	---	---	---	---	5.0	7.0	7.0	7.0	7.0	7.0	7.0
10	---	---	---	---	---	5.0	7.0	7.0	7.0	7.0	7.0	7.0
11	---	---	---	---	---	5.0	7.0	7.0	7.0	7.0	7.0	7.0
12	---	---	---	---	---	5.0	7.0	7.0	7.0	7.0	7.0	7.0
13	---	---	---	---	---	5.0	7.0	7.0	7.0	7.0	7.0	7.0
14	---	---	---	---	---	5.0	7.0	7.0	7.0	7.0	7.0	7.0
15	---	---	---	---	---	5.0	7.0	7.0	7.0	7.0	7.0	7.0
16	---	---	---	---	---	5.0	7.0	7.0	7.0	7.0	7.0	6.8
17	---	---	---	---	---	5.0	7.0	7.0	7.0	7.0	7.0	6.6
18	---	---	---	---	---	5.3	7.0	7.0	7.0	7.0	7.0	6.4
19	---	---	---	---	---	5.7	7.0	7.0	7.0	7.0	7.0	6.3
20	---	---	---	---	---	6.0	7.0	7.0	7.0	7.0	7.0	6.1
21	---	---	---	---	---	6.3	7.0	7.0	7.0	7.0	7.0	5.9
22	---	---	---	---	---	6.7	7.0	7.0	7.0	7.0	7.0	5.7
23	---	---	---	---	---	7.0	7.0	7.0	7.0	7.0	7.0	5.5
24	---	---	---	---	---	7.0	7.0	7.0	7.0	7.0	7.0	5.3
25	---	---	---	---	---	7.0	7.0	7.0	7.0	7.0	7.0	5.1
26	---	---	---	---	---	7.0	7.0	7.0	7.0	7.0	7.0	4.9
27	---	---	---	---	---	7.0	7.0	7.0	7.0	7.0	7.0	4.8
28	---	---	---	---	---	7.0	7.0	7.0	7.0	7.0	7.0	4.6
29	---	---	---	---	---	7.0	7.0	7.0	7.0	7.0	7.0	4.4
30	---	---	---	---	---	7.0	7.0	7.0	7.0	7.0	7.0	4.2
31	---	---	---	---	---	---	7.0	---	7.0	7.0	---	4.0
TOTAL						167	217	210	217	217	210	192
MEAN						5.6	7.0	7.0	7.0	7.0	7.0	6.2
MAX						7.0	7.0	7.0	7.0	7.0	7.0	7.0
MIN						4.0	7.0	7.0	7.0	7.0	7.0	4.0
AC-FT						330	430	417	430	430	417	380

IRRIGATION YEAR 1990

TOTAL

1429

MEAN

4

AC-FT

2834

A-4

14-NOV-90

13205642 BOISE SEWER
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1989 TO OCTOBER 1990
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	---	---	---	---	---	26	26	28	30	32	32	27
2	---	---	---	---	---	26	26	28	30	32	32	27
3	---	---	---	---	---	26	26	28	30	32	32	27
4	---	---	---	---	---	26	26	28	30	32	32	27
5	---	---	---	---	---	26	26	28	30	32	32	27
6	---	---	---	---	---	26	26	28	30	32	32	27
7	---	---	---	---	---	26	26	28	30	32	32	27
8	---	---	---	---	---	26	26	28	30	32	32	27
9	---	---	---	---	---	26	26	28	30	32	32	27
10	---	---	---	---	---	26	26	28	30	32	32	27
11	---	---	---	---	---	26	26	28	30	32	32	27
12	---	---	---	---	---	26	26	28	30	32	32	27
13	---	---	---	---	---	26	26	28	30	32	32	27
14	---	---	---	---	---	26	26	28	30	32	32	27
15	---	---	---	---	---	26	26	28	30	32	32	27
16	---	---	---	---	---	26	26	28	30	32	32	27
17	---	---	---	---	---	26	26	28	30	32	32	27
18	---	---	---	---	---	26	26	28	30	32	32	27
19	---	---	---	---	---	26	26	28	30	32	32	27
20	---	---	---	---	---	26	26	28	30	32	32	27
21	---	---	---	---	---	26	26	28	30	32	32	27
22	---	---	---	---	---	26	26	28	30	32	32	27
23	---	---	---	---	---	26	26	28	30	32	32	27
24	---	---	---	---	---	26	26	28	30	32	32	27
25	---	---	---	---	---	26	26	28	30	32	32	27
26	---	---	---	---	---	26	26	28	30	32	32	27
27	---	---	---	---	---	26	26	28	30	32	32	27
28	---	---	---	---	---	26	26	28	30	32	32	27
29	---	---	---	---	---	26	26	28	30	32	32	27
30	---	---	---	---	---	26	26	28	30	32	32	27
31	---	---	---	---	---	---	26	---	30	32	---	27
TOTAL						768	794	849	936	980	951	837
MEAN						26	26	28	30	32	32	27
MAX						26	26	28	30	32	32	27
MIN						26	26	28	30	32	32	27
AC-FT						1523	1574	1684	1857	1943	1886	1660
IRRIGATION YEAR 1990			TOTAL	6114	MEAN	17	AC-FT	12127				

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11-FEB-91

13206400 EAGLE DRAIN
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1989 TO OCTOBER 1990
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	---	---	---	---	---	12	60	68	45	40	45	45
2	---	---	---	---	---	13	58	66	46	40	44	44
3	---	---	---	---	---	14	57	64	46	39	44	44
4	---	---	---	---	---	14	56	62	46	38	44	43
5	---	---	---	---	---	15	55	60	45	38	45	43
6	---	---	---	---	---	16	53	58	45	37	45	42
7	---	---	---	---	---	17	52	56	44	37	46	42
8	---	---	---	---	---	17	52	53	44	36	47	41
9	---	---	---	---	---	18	51	51	43	36	47	41
10	---	---	---	---	---	19	50	49	43	36	48	40
11	---	---	---	---	---	19	49	47	42	35	48	40
12	---	---	---	---	---	20	48	47	42	35	47	40
13	---	---	---	---	---	21	47	46	41	34	46	40
14	---	---	---	---	---	22	46	45	40	34	45	39
15	---	---	---	---	---	22	46	45	40	36	44	39
16	---	---	---	---	---	23	45	44	39	37	43	38
17	---	---	---	---	---	23	45	43	39	39	42	37
18	---	---	---	---	---	23	44	42	38	40	42	36
19	---	---	---	---	---	23	44	42	38	42	43	36
20	---	---	---	---	---	34	43	41	37	43	44	35
21	---	---	---	---	---	44	43	41	36	43	45	34
22	---	---	---	---	---	55	43	40	36	44	45	33
23	---	---	---	---	---	65	47	39	35	44	46	32
24	---	---	---	---	---	65	52	39	35	45	47	31
25	---	---	---	---	---	64	56	38	36	45	47	30
26	---	---	---	---	---	64	61	39	37	46	47	29
27	---	---	---	---	---	63	65	40	38	46	46	29
28	---	---	---	---	---	62	70	41	39	46	46	28
29	---	---	---	---	---	62	74	43	40	46	46	27
30	---	---	---	---	---	61	72	44	41	45	45	26
31	---	---	---	---	---	---	70	---	41	45	---	25
TOTAL						988	1654	1433	1255	1244	1359	1128
MEAN						33	53	48	40	40	45	36
MAX						65	74	68	46	46	48	45
MIN						12	43	38	35	34	42	25
AC-FT						1960	3281	2842	2490	2467	2695	2238
IRRIGATION YEAR 1990												
TOTAL			9061	MEAN	25	AC-FT	17971					

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11-FEB-91

13209450 THURMAN DRAIN
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1989 TO OCTOBER 1990
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	---	---	---	---	---	8.0	27	22	21	20	20	20
2	---	---	---	---	---	8.4	27	22	22	20	20	19
3	---	---	---	---	---	8.8	26	21	22	20	20	19
4	---	---	---	---	---	9.1	26	21	22	20	20	18
5	---	---	---	---	---	9.5	26	21	22	20	20	18
6	---	---	---	---	---	9.9	25	21	22	19	20	17
7	---	---	---	---	---	10	25	21	22	19	19	17
8	---	---	---	---	---	11	25	20	22	19	19	16
9	---	---	---	---	---	11	24	20	22	19	19	17
10	---	---	---	---	---	11	24	20	22	19	18	19
11	---	---	---	---	---	12	23	20	22	19	18	20
12	---	---	---	---	---	12	22	20	22	19	18	21
13	---	---	---	---	---	13	22	20	22	20	19	22
14	---	---	---	---	---	13	21	19	22	20	19	24
15	---	---	---	---	---	14	21	19	21	21	19	25
16	---	---	---	---	---	14	20	18	21	21	20	24
17	---	---	---	---	---	14	20	18	21	21	20	24
18	---	---	---	---	---	15	20	17	21	22	20	23
19	---	---	---	---	---	17	20	17	21	22	20	23
20	---	---	---	---	---	18	19	17	21	23	21	22
21	---	---	---	---	---	19	19	17	21	23	21	21
22	---	---	---	---	---	21	19	17	21	23	21	21
23	---	---	---	---	---	22	20	17	21	22	22	20
24	---	---	---	---	---	22	21	17	21	22	22	19
25	---	---	---	---	---	23	22	17	21	21	22	19
26	---	---	---	---	---	23	22	18	20	21	22	18
27	---	---	---	---	---	24	23	18	20	20	21	18
28	---	---	---	---	---	25	24	19	20	20	21	17
29	---	---	---	---	---	26	24	20	20	20	21	16
30	---	---	---	---	---	26	23	21	20	20	20	16
31	---	---	---	---	---	---	23	---	20	20	---	15
TOTAL						470	702	574	657	633	602	607
MEAN						16	23	19	21	20	20	20
MAX						26	27	22	22	23	22	25
MIN						8.0	19	17	20	19	18	15
AC-FT						931	1392	1138	1303	1256	1194	1204

IRRIGATION YEAR 1990 TOTAL 4245 MEAN 12 AC-FT 8419

14-NOV-90

13210810 FIVEMILE CREEK
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1989 TO OCTOBER 1990
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	---	---	---	---	---	7.0	227	220	140	118	87	141
2	---	---	---	---	---	7.9	223	213	141	117	84	143
3	---	---	---	---	---	8.8	218	206	143	115	82	141
4	---	---	---	---	---	9.7	214	198	143	114	79	138
5	---	---	---	---	---	11	209	191	142	112	79	136
6	---	---	---	---	---	11	205	187	141	111	80	134
7	---	---	---	---	---	12	200	182	141	109	80	132
8	---	---	---	---	---	13	196	178	140	106	81	129
9	---	---	---	---	---	14	196	174	139	104	82	127
10	---	---	---	---	---	15	187	170	138	101	82	125
11	---	---	---	---	---	18	178	165	138	98	83	122
12	---	---	---	---	---	21	169	161	136	95	83	120
13	---	---	---	---	---	23	159	161	134	93	90	118
14	---	---	---	---	---	26	150	160	132	90	97	115
15	---	---	---	---	---	29	141	159	130	87	105	113
16	---	---	---	---	---	32	142	159	128	93	112	111
17	---	---	---	---	---	34	143	158	126	98	119	108
18	---	---	---	---	---	37	144	157	126	104	126	106
19	---	---	---	---	---	37	145	156	127	110	126	103
20	---	---	---	---	---	62	146	156	127	115	127	101
21	---	---	---	---	---	87	147	152	128	121	128	99
22	---	---	---	---	---	113	148	148	129	121	129	96
23	---	---	---	---	---	138	148	144	129	117	129	94
24	---	---	---	---	---	163	164	139	130	112	130	92
25	---	---	---	---	---	163	179	135	130	108	131	89
26	---	---	---	---	---	174	195	131	128	103	131	87
27	---	---	---	---	---	184	211	133	126	99	133	85
28	---	---	---	---	---	195	226	134	124	94	135	82
29	---	---	---	---	---	206	242	136	122	94	137	80
30	---	---	---	---	---	216	235	138	120	92	139	77
31	---	---	---	---	---	---	227	---	118	89	---	75
TOTAL						2067	5714	4900	4095	3236	3204	3417
MEAN						69	184	163	132	104	107	110
MAX						216	242	220	143	121	139	143
MIN						7.0	141	131	118	87	79	75
AC-FT						4100	11333	9719	8123	6418	6355	6778
IRRIGATION YEAR 1990												
TOTAL			26633	MEAN		73	AC-FT		52826			

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14-NOV-90

13210826 STAR FEEDER
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1989 TO OCTOBER 1990
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	---	---	---	---	---	19	65	71	54	65	63	71
2	---	---	---	---	---	20	65	70	54	64	62	73
3	---	---	---	---	---	21	65	70	55	63	61	75
4	---	---	---	---	---	22	65	69	55	63	60	77
5	---	---	---	---	---	23	65	69	56	62	60	79
6	---	---	---	---	---	24	65	68	57	61	60	80
7	---	---	---	---	---	25	65	68	58	60	60	82
8	---	---	---	---	---	26	65	67	58	59	60	84
9	---	---	---	---	---	27	65	67	59	59	60	86
10	---	---	---	---	---	28	64	66	60	58	60	86
11	---	---	---	---	---	28	63	66	60	58	60	85
12	---	---	---	---	---	29	63	65	60	57	60	85
13	---	---	---	---	---	30	62	65	60	56	61	84
14	---	---	---	---	---	30	61	65	60	56	61	84
15	---	---	---	---	---	31	60	65	60	55	62	83
16	---	---	---	---	---	31	60	65	60	57	62	83
17	---	---	---	---	---	32	60	65	60	58	63	82
18	---	---	---	---	---	32	60	65	60	60	63	82
19	---	---	---	---	---	37	60	65	61	62	63	81
20	---	---	---	---	---	41	60	65	62	63	63	81
21	---	---	---	---	---	46	60	63	63	65	62	80
22	---	---	---	---	---	51	60	60	63	65	62	80
23	---	---	---	---	---	55	60	58	64	65	61	79
24	---	---	---	---	---	60	62	55	65	65	61	79
25	---	---	---	---	---	60	64	53	65	65	60	78
26	---	---	---	---	---	61	66	50	65	65	60	78
27	---	---	---	---	---	62	68	51	65	65	62	77
28	---	---	---	---	---	63	70	51	65	65	64	77
29	---	---	---	---	---	63	72	52	65	65	67	76
30	---	---	---	---	---	64	72	53	65	64	69	76
31	---	---	---	---	---	---	71	---	65	63	---	75
TOTAL						1140	1982	1881	1878	1908	1848	2472
MEAN						38	64	63	61	62	62	80
MAX						64	72	71	65	65	69	86
MIN						19	60	50	54	55	60	71
AC-FT						2261	3932	3731	3725	3784	3665	4904

IRRIGATION YEAR 1990 TOTAL 13109 MEAN 36 AC-FT 26001

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11-FEB-91

13210828 LONG FEEDER
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1989 TO OCTOBER 1990
MEAN VALUES

A-10

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	---	---	---	---	---	3.0	10	12	12	10	10	10
2	---	---	---	---	---	3.0	10	12	12	10	10	10
3	---	---	---	---	---	3.0	10	12	12	10	10	10
4	---	---	---	---	---	3.0	10	12	12	10	10	10
5	---	---	---	---	---	3.0	10	12	12	10	10	10
6	---	---	---	---	---	3.0	10	12	12	10	10	10
7	---	---	---	---	---	3.0	10	12	12	10	10	10
8	---	---	---	---	---	3.0	10	12	12	10	10	10
9	---	---	---	---	---	3.0	10	12	12	10	10	10
10	---	---	---	---	---	3.3	10	12	12	10	10	10
11	---	---	---	---	---	3.5	10	12	12	10	10	10
12	---	---	---	---	---	3.8	10	12	12	10	10	10
13	---	---	---	---	---	4.0	10	12	11	10	10	10
14	---	---	---	---	---	4.3	10	12	11	10	10	10
15	---	---	---	---	---	4.5	10	12	10	10	10	3.0
16	---	---	---	---	---	4.8	10	12	10	10	10	3.1
17	---	---	---	---	---	5.0	10	12	10	10	10	3.1
18	---	---	---	---	---	5.0	10	12	10	10	10	3.2
19	---	---	---	---	---	5.8	10	12	10	10	10	3.3
20	---	---	---	---	---	6.7	10	12	10	10	10	3.3
21	---	---	---	---	---	7.5	10	12	10	10	10	3.4
22	---	---	---	---	---	8.3	10	12	10	10	10	3.4
23	---	---	---	---	---	9.2	10	12	10	10	10	3.5
24	---	---	---	---	---	10	10	12	10	10	10	3.6
25	---	---	---	---	---	10	11	12	10	10	10	3.6
26	---	---	---	---	---	10	11	12	10	10	10	3.7
27	---	---	---	---	---	10	11	12	10	10	10	3.8
28	---	---	---	---	---	10	12	12	10	10	10	3.8
29	---	---	---	---	---	10	12	12	10	10	10	3.9
30	---	---	---	---	---	10	12	12	10	10	10	3.9
31	---	---	---	---	---	---	12	---	10	10	---	4.0
TOTAL						173	321	360	336	310	300	200
MEAN						5.8	10	12	11	10	10	6.4
MAX						10	12	12	12	10	10	10
MIN						3.0	10	12	10	10	10	3.0
AC-FT						343	637	714	666	615	595	396

IRRIGATION YEAR 1990 TOTAL 1999 MEAN 5 AC-FT 3965

14-NOV-90

13210829 WATTS CHECK
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1989 TO OCTOBER 1990
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	---	---	---	---	---	0.0	15	15	12	12	10	9.4
2	---	---	---	---	---	0.0	15	15	12	12	10	9.3
3	---	---	---	---	---	0.0	15	15	12	11	10	9.2
4	---	---	---	---	---	0.0	15	15	12	11	10	9.1
5	---	---	---	---	---	0.0	15	15	12	11	10	9.0
6	---	---	---	---	---	0.0	15	15	12	10	10	8.9
7	---	---	---	---	---	0.0	15	15	12	10	10	8.8
8	---	---	---	---	---	0.0	15	15	12	10	10	8.7
9	---	---	---	---	---	0.0	15	15	12	10	10	8.6
10	---	---	---	---	---	0.0	15	15	12	10	10	8.4
11	---	---	---	---	---	1.1	15	15	12	10	10	8.3
12	---	---	---	---	---	2.3	15	15	12	10	10	8.2
13	---	---	---	---	---	3.4	15	15	12	10	10	8.1
14	---	---	---	---	---	4.6	15	15	12	10	10	8.0
15	---	---	---	---	---	5.7	15	15	12	10	10	2.0
16	---	---	---	---	---	6.9	15	15	12	10	10	0.0
17	---	---	---	---	---	8.0	15	15	12	10	10	0.0
18	---	---	---	---	---	8.0	15	15	12	10	10	0.0
19	---	---	---	---	---	9.2	15	15	12	10	10	0.0
20	---	---	---	---	---	10	15	15	12	10	10	0.0
21	---	---	---	---	---	12	15	15	12	10	10	0.0
22	---	---	---	---	---	13	15	14	12	10	10	0.0
23	---	---	---	---	---	14	15	14	12	10	10	0.0
24	---	---	---	---	---	15	15	13	12	10	10	0.0
25	---	---	---	---	---	15	15	13	12	10	10	0.0
26	---	---	---	---	---	15	15	12	12	10	10	0.0
27	---	---	---	---	---	15	15	12	12	10	9.9	0.0
28	---	---	---	---	---	15	15	12	12	10	9.8	0.0
29	---	---	---	---	---	15	15	12	12	10	9.7	0.0
30	---	---	---	---	---	15	15	12	12	10	9.6	0.0
31	---	---	---	---	---	---	15	---	12	10	---	0.0
TOTAL						203	465	428	372	317	299	124
MEAN						6.8	15	14	12	10	10.0	4.0
MAX						15	15	15	12	12	10	9.4
MIN						0.0	15	12	12	10	9.6	0.0
AC-FT						402	922	848	738	629	593	246

IRRIGATION YEAR 1990 TOTAL 2207 MEAN 6 AC-FT 4377

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14-NOV-90

13210824 NORTH MIDDLETON DRAIN
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1989 TO OCTOBER 1990
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	---	---	---	---	---	17	67	68	30	25	38	53
2	---	---	---	---	---	18	65	66	29	26	38	56
3	---	---	---	---	---	19	63	64	27	26	39	57
4	---	---	---	---	---	20	61	63	27	27	39	58
5	---	---	---	---	---	21	59	61	28	28	39	59
6	---	---	---	---	---	21	57	59	30	28	38	60
7	---	---	---	---	---	22	55	58	31	29	37	61
8	---	---	---	---	---	23	53	56	32	30	37	62
9	---	---	---	---	---	24	53	54	34	30	36	63
10	---	---	---	---	---	26	52	52	35	31	35	62
11	---	---	---	---	---	28	51	51	35	32	34	61
12	---	---	---	---	---	30	50	49	33	32	34	61
13	---	---	---	---	---	32	48	49	31	33	35	60
14	---	---	---	---	---	33	47	48	29	33	36	59
15	---	---	---	---	---	35	46	48	27	34	38	58
16	---	---	---	---	---	37	46	47	25	36	39	57
17	---	---	---	---	---	39	47	46	23	38	40	57
18	---	---	---	---	---	39	47	46	23	41	41	56
19	---	---	---	---	---	43	47	45	24	43	41	55
20	---	---	---	---	---	47	47	45	24	45	40	54
21	---	---	---	---	---	51	48	44	25	47	39	53
22	---	---	---	---	---	54	48	43	25	47	38	52
23	---	---	---	---	---	58	48	42	26	45	37	52
24	---	---	---	---	---	62	52	41	26	43	36	51
25	---	---	---	---	---	62	56	40	26	42	35	50
26	---	---	---	---	---	63	61	39	26	40	35	49
27	---	---	---	---	---	64	65	37	26	38	39	48
28	---	---	---	---	---	65	69	36	26	36	42	48
29	---	---	---	---	---	65	73	34	25	36	46	47
30	---	---	---	---	---	66	71	32	25	37	49	46
31	---	---	---	---	---	---	70	---	25	37	---	45
TOTAL						1182	1721	1463	856	1093	1147	1708
MEAN						39	56	49	28	35	38	55
MAX						66	73	68	35	47	49	63
MIN						17	46	32	23	25	34	45
AC-FT						2345	3413	2902	1698	2168	2275	3387
IRRIGATION YEAR 1990			TOTAL	9170	MEAN	25	AC-FT	18188				

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14-NOV-90

13210831 SOUTH MIDDLETON DRAIN
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1989 TO OCTOBER 1990
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	---	---	---	---	---	31	139	125	113	93	86	127
2	---	---	---	---	---	32	137	123	114	92	86	129
3	---	---	---	---	---	33	135	120	116	91	85	133
4	---	---	---	---	---	34	133	118	116	90	85	137
5	---	---	---	---	---	35	132	115	112	88	85	141
6	---	---	---	---	---	36	130	112	108	87	87	145
7	---	---	---	---	---	37	128	110	104	86	88	149
8	---	---	---	---	---	38	126	107	100	86	90	153
9	---	---	---	---	---	39	126	104	96	85	91	157
10	---	---	---	---	---	41	123	101	92	84	93	157
11	---	---	---	---	---	44	120	99	92	84	94	156
12	---	---	---	---	---	46	117	96	92	83	94	155
13	---	---	---	---	---	48	113	96	91	82	95	155
14	---	---	---	---	---	50	110	95	91	81	96	154
15	---	---	---	---	---	53	107	94	90	81	98	154
16	---	---	---	---	---	55	105	93	90	83	99	153
17	---	---	---	---	---	57	104	91	89	85	100	153
18	---	---	---	---	---	57	102	90	89	87	101	152
19	---	---	---	---	---	66	100	89	88	88	101	152
20	---	---	---	---	---	75	98	89	87	90	104	151
21	---	---	---	---	---	84	97	92	86	92	106	151
22	---	---	---	---	---	92	95	94	84	92	109	150
23	---	---	---	---	---	101	95	97	83	91	111	149
24	---	---	---	---	---	110	101	99	82	90	114	149
25	---	---	---	---	---	110	108	102	82	90	116	148
26	---	---	---	---	---	115	114	104	84	89	116	148
27	---	---	---	---	---	120	120	106	86	88	118	147
28	---	---	---	---	---	125	127	107	88	87	120	147
29	---	---	---	---	---	129	133	109	89	87	123	146
30	---	---	---	---	---	134	130	111	91	87	125	146
31	---	---	---	---	---	---	128	---	93	86	---	145
TOTAL						2025	3633	3086	2915	2703	3012	4587
MEAN						68	117	103	94	87	100	148
MAX						134	139	125	116	93	125	157
MIN						31	95	89	82	81	85	127
AC-FT						4017	7206	6121	5783	5361	5975	9098
IRRIGATION YEAR 1990	TOTAL			21961	MEAN	60	AC-FT	43560				

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14-NOV-90

13210835 WILLOW CREEK
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1989 TO OCTOBER 1990
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	---	---	---	---	---	6.0	76	60	12	10	15	46
2	---	---	---	---	---	6.6	71	56	12	12	15	47
3	---	---	---	---	---	7.3	66	53	11	14	14	46
4	---	---	---	---	---	7.9	61	50	11	16	14	46
5	---	---	---	---	---	8.5	56	47	12	17	14	45
6	---	---	---	---	---	9.1	51	46	13	19	16	44
7	---	---	---	---	---	9.8	46	44	14	21	18	43
8	---	---	---	---	---	10	41	43	15	20	20	43
9	---	---	---	---	---	11	41	42	16	19	21	42
10	---	---	---	---	---	13	40	41	17	18	23	41
11	---	---	---	---	---	14	38	39	17	17	25	41
12	---	---	---	---	---	16	37	38	18	16	25	40
13	---	---	---	---	---	17	35	38	19	15	26	40
14	---	---	---	---	---	19	34	35	21	14	27	39
15	---	---	---	---	---	20	32	32	22	13	29	39
16	---	---	---	---	---	22	31	30	23	16	30	38
17	---	---	---	---	---	23	30	27	24	19	31	38
18	---	---	---	---	---	23	29	24	24	22	32	37
19	---	---	---	---	---	30	29	21	23	25	32	36
20	---	---	---	---	---	37	28	21	22	28	33	36
21	---	---	---	---	---	44	27	20	22	31	34	35
22	---	---	---	---	---	50	26	19	21	31	36	35
23	---	---	---	---	---	57	26	19	20	29	37	34
24	---	---	---	---	---	64	33	18	19	26	38	34
25	---	---	---	---	---	64	40	17	19	24	39	33
26	---	---	---	---	---	66	48	16	18	21	39	33
27	---	---	---	---	---	68	55	15	16	19	40	32
28	---	---	---	---	---	70	62	15	15	16	42	32
29	---	---	---	---	---	72	69	14	13	16	43	31
30	---	---	---	---	---	74	66	13	12	16	44	31
31	---	---	---	---	---	---	63	---	10	15	---	30
TOTAL						937	1385	952	529	593	851	1186
MEAN						31	45	32	17	19	28	38
MAX						74	76	60	24	31	44	47
MIN						6.0	26	13	10	10	14	30
AC-FT						1859	2746	1889	1048	1176	1688	2352
IRRIGATION YEAR 1990												
TOTAL				6432	MEAN	18	AC-FT	12758				

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14-NOV-90

13210849 MASON CREEK
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1989 TO OCTOBER 1990
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	---	---	---	---	---	5.0	66	59	26	24	21	22
2	---	---	---	---	---	5.3	66	54	24	23	22	22
3	---	---	---	---	---	5.5	66	48	23	23	22	22
4	---	---	---	---	---	5.8	66	43	23	22	23	23
5	---	---	---	---	---	6.0	65	38	22	21	23	23
6	---	---	---	---	---	6.3	65	37	22	21	22	24
7	---	---	---	---	---	6.5	65	37	21	20	22	24
8	---	---	---	---	---	6.8	65	36	20	19	21	25
9	---	---	---	---	---	7.0	65	35	20	19	20	25
10	---	---	---	---	---	8.4	61	34	19	18	20	25
11	---	---	---	---	---	9.8	56	34	19	18	19	24
12	---	---	---	---	---	11	52	33	20	17	19	24
13	---	---	---	---	---	13	48	33	22	16	20	23
14	---	---	---	---	---	14	43	32	23	16	21	23
15	---	---	---	---	---	15	39	32	24	15	23	22
16	---	---	---	---	---	17	37	31	26	16	24	22
17	---	---	---	---	---	18	35	30	27	17	25	21
18	---	---	---	---	---	18	33	30	27	18	26	21
19	---	---	---	---	---	24	32	29	26	19	26	21
20	---	---	---	---	---	30	30	29	25	20	26	20
21	---	---	---	---	---	36	28	30	24	21	25	20
22	---	---	---	---	---	41	26	30	23	21	25	19
23	---	---	---	---	---	47	26	31	22	21	25	19
24	---	---	---	---	---	53	32	31	21	20	24	18
25	---	---	---	---	---	53	38	32	21	20	24	18
26	---	---	---	---	---	55	44	32	22	20	24	17
27	---	---	---	---	---	57	51	31	22	19	24	17
28	---	---	---	---	---	60	57	29	23	19	23	16
29	---	---	---	---	---	62	63	28	23	19	23	16
30	---	---	---	---	---	64	69	27	24	20	23	16
31	---	---	---	---	---	---	64	---	24	20	---	15
TOTAL						759	1553	1033	706	602	684	645
MEAN						25	50	34	23	19	23	21
MAX						64	69	59	27	24	26	25
MIN						5.0	26	27	19	15	19	15
AC-FT						1505	3080	2050	1401	1193	1357	1280
IRRIGATION YEAR 1990			TOTAL	5982	MEAN	16	AC-FT	11866				

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14-NOV-90

13210980 MASON DRAIN
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1989 TO OCTOBER 1990
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	---	---	---	---	---	35	211	226	162	148	135	184
2	---	---	---	---	---	37	210	218	164	146	135	186
3	---	---	---	---	---	40	209	211	165	144	135	191
4	---	---	---	---	---	42	208	203	165	142	135	196
5	---	---	---	---	---	44	206	196	163	140	135	201
6	---	---	---	---	---	46	205	202	161	138	137	206
7	---	---	---	---	---	49	204	207	160	136	138	210
8	---	---	---	---	---	51	203	213	158	135	140	215
9	---	---	---	---	---	53	203	218	156	133	141	220
10	---	---	---	---	---	55	195	224	154	132	143	225
11	---	---	---	---	---	56	187	229	154	131	144	223
12	---	---	---	---	---	58	180	235	153	129	144	222
13	---	---	---	---	---	59	172	235	153	128	148	220
14	---	---	---	---	---	61	164	227	152	126	152	218
15	---	---	---	---	---	62	156	219	151	125	156	217
16	---	---	---	---	---	64	153	211	151	129	159	215
17	---	---	---	---	---	65	150	203	150	132	163	213
18	---	---	---	---	---	65	147	195	150	136	167	212
19	---	---	---	---	---	79	143	187	147	139	167	210
20	---	---	---	---	---	93	140	187	145	143	168	208
21	---	---	---	---	---	107	137	182	142	146	169	207
22	---	---	---	---	---	120	134	176	139	146	171	205
23	---	---	---	---	---	134	134	171	137	144	172	203
24	---	---	---	---	---	148	153	166	134	142	173	202
25	---	---	---	---	---	148	172	160	134	141	174	200
26	---	---	---	---	---	159	191	155	136	139	174	198
27	---	---	---	---	---	169	210	156	139	137	176	197
28	---	---	---	---	---	180	229	158	141	135	178	195
29	---	---	---	---	---	190	248	159	143	135	180	193
30	---	---	---	---	---	201	241	161	146	135	182	192
31	---	---	---	---	---	---	233	---	148	135	---	190
TOTAL						2665	5727	5891	4652	4245	4689	6374
MEAN						89	185	196	150	137	156	206
MAX						201	248	235	165	148	182	225
MIN						35	134	155	134	125	135	184
AC-FT						5286	11360	11684	9228	8419	9300	12642
IRRIGATION YEAR 1990												
TOTAL			34242	MEAN		94	AC-FT	67918				

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14-NOV-90

13210986 HARTLEY GULCH
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1989 TO OCTOBER 1990
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	---	---	---	---	---	10	39	40	16	14	22	19
2	---	---	---	---	---	11	38	39	15	15	23	18
3	---	---	---	---	---	12	38	38	15	15	24	18
4	---	---	---	---	---	14	37	37	15	16	25	18
5	---	---	---	---	---	15	36	36	16	17	25	17
6	---	---	---	---	---	16	35	34	17	17	24	17
7	---	---	---	---	---	17	35	32	18	18	24	17
8	---	---	---	---	---	19	34	30	19	18	23	17
9	---	---	---	---	---	20	34	29	20	19	22	16
10	---	---	---	---	---	21	34	27	21	19	22	16
11	---	---	---	---	---	22	33	25	21	20	21	16
12	---	---	---	---	---	23	33	23	21	20	21	16
13	---	---	---	---	---	24	32	23	20	20	22	16
14	---	---	---	---	---	24	32	23	20	21	23	16
15	---	---	---	---	---	25	31	24	20	21	24	16
16	---	---	---	---	---	26	31	24	19	21	24	16
17	---	---	---	---	---	27	30	25	19	22	25	16
18	---	---	---	---	---	27	30	25	19	22	26	16
19	---	---	---	---	---	26	29	25	19	22	26	16
20	---	---	---	---	---	26	29	25	18	23	25	16
21	---	---	---	---	---	25	28	24	18	23	25	16
22	---	---	---	---	---	24	28	22	17	23	24	15
23	---	---	---	---	---	24	28	21	17	22	23	15
24	---	---	---	---	---	23	31	20	16	21	23	15
25	---	---	---	---	---	23	33	18	16	21	22	15
26	---	---	---	---	---	26	36	17	16	20	22	15
27	---	---	---	---	---	28	38	17	15	19	21	15
28	---	---	---	---	---	31	41	16	15	18	21	15
29	---	---	---	---	---	34	43	16	15	18	20	15
30	---	---	---	---	---	36	42	16	14	19	19	15
31	---	---	---	---	---	---	41	---	14	20	---	15
TOTAL						679	1056	771	539	604	690	497
MEAN						23	34	26	17	19	23	16
MAX						36	43	40	21	23	26	19
MIN						10	28	16	14	14	19	15
AC-FT						1347	2095	1529	1070	1197	1368	986

IRRIGATION YEAR 1990 TOTAL 4836 MEAN 13 AC-FT 9591

14-NOV-90

13210988 HARTLEY DRAIN
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1989 TO OCTOBER 1990
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	---	---	---	---	---	14	86	92	59	51	45	47
2	---	---	---	---	---	15	85	89	58	50	44	46
3	---	---	---	---	---	17	84	87	57	50	44	45
4	---	---	---	---	---	18	83	84	57	49	43	44
5	---	---	---	---	---	19	83	82	59	48	43	43
6	---	---	---	---	---	21	82	81	62	48	43	42
7	---	---	---	---	---	22	81	81	64	47	44	41
8	---	---	---	---	---	23	80	80	66	47	44	40
9	---	---	---	---	---	25	80	80	69	47	44	39
10	---	---	---	---	---	26	79	79	71	46	45	39
11	---	---	---	---	---	28	78	79	71	46	45	39
12	---	---	---	---	---	30	78	78	70	46	45	39
13	---	---	---	---	---	32	77	78	68	45	47	38
14	---	---	---	---	---	33	76	76	67	45	49	38
15	---	---	---	---	---	35	75	75	65	44	51	38
16	---	---	---	---	---	37	74	75	64	45	52	38
17	---	---	---	---	---	39	73	74	62	47	54	38
18	---	---	---	---	---	39	72	73	62	48	56	37
19	---	---	---	---	---	43	72	73	61	49	56	37
20	---	---	---	---	---	47	71	78	61	51	55	37
21	---	---	---	---	---	51	70	76	60	52	55	37
22	---	---	---	---	---	54	69	73	59	52	54	37
23	---	---	---	---	---	58	69	71	59	50	53	37
24	---	---	---	---	---	62	74	69	58	49	53	36
25	---	---	---	---	---	62	79	66	58	49	52	36
26	---	---	---	---	---	66	84	64	57	48	52	36
27	---	---	---	---	---	70	89	63	56	47	51	36
28	---	---	---	---	---	74	94	62	55	47	50	36
29	---	---	---	---	---	78	99	61	53	47	49	35
30	---	---	---	---	---	82	97	60	52	46	48	35
31	---	---	---	---	---	---	94	---	51	46	---	35
TOTAL						1220	2486	2259	1889	1481	1466	1199
MEAN						41	80	75	61	48	49	39
MAX						82	99	92	71	52	56	47
MIN						14	69	60	51	44	43	35
AC-FT						2419	4931	4481	3747	2937	2907	2378
IRRIGATION YEAR 1990												
TOTAL			11999		MEAN	33	AC-FT	23800				

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14-NOV-90

13211445 INDIAN CREEK
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1989 TO OCTOBER 1990
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	---	---	---	---	---	7.0	115	85	30	2.0	14	75
2	---	---	---	---	---	8.0	109	81	28	2.0	12	78
3	---	---	---	---	---	9.0	103	78	26	2.0	11	76
4	---	---	---	---	---	10	97	74	26	2.0	10	74
5	---	---	---	---	---	11	90	71	25	2.0	10	72
6	---	---	---	---	---	12	84	69	23	2.0	13	71
7	---	---	---	---	---	13	78	67	22	2.0	16	69
8	---	---	---	---	---	14	72	65	21	2.0	19	67
9	---	---	---	---	---	15	72	62	19	2.0	21	65
10	---	---	---	---	---	13	67	60	18	2.0	24	67
11	---	---	---	---	---	12	63	58	18	2.0	27	69
12	---	---	---	---	---	10	58	56	15	2.0	27	70
13	---	---	---	---	---	8.5	53	56	11	2.0	30	72
14	---	---	---	---	---	6.9	49	57	7.8	2.0	32	74
15	---	---	---	---	---	5.3	44	58	4.4	2.0	35	76
16	---	---	---	---	---	3.6	47	59	1.0	5.7	38	78
17	---	---	---	---	---	2.0	51	60	1.0	9.3	40	79
18	---	---	---	---	---	2.0	54	61	4.0	13	43	81
19	---	---	---	---	---	12	57	62	7.0	17	43	83
20	---	---	---	---	---	23	60	62	10	20	46	146
21	---	---	---	---	---	33	64	59	13	24	49	148
22	---	---	---	---	---	43	67	55	16	24	52	150
23	---	---	---	---	---	54	67	52	19	23	55	151
24	---	---	---	---	---	64	72	48	22	22	58	153
25	---	---	---	---	---	64	76	45	22	21	61	155
26	---	---	---	---	---	73	81	41	19	19	61	156
27	---	---	---	---	---	81	86	39	15	18	64	158
28	---	---	---	---	---	90	90	37	12	17	67	160
29	---	---	---	---	---	98	95	35	8.7	17	70	162
30	---	---	---	---	---	107	92	32	5.3	16	72	163
31	---	---	---	---	---	---	88	---	2.0	15	---	165
TOTAL						903	2301	1742	471	310	1119	3262
MEAN						30	74	58	15	10	37	105
MAX						107	115	85	30	24	72	165
MIN						2.0	44	32	1.0	2.0	10	65
AC-FT						1791	4563	3456	935	615	2219	6471

IRRIGATION YEAR 1990 TOTAL 10109 MEAN 28 AC-FT 20050

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13212550 CONWAY GULCH
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1989 TO OCTOBER 1990
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	---	---	---	---	---	26	82	91	55	55	48	70
2	---	---	---	---	---	27	83	90	56	55	48	71
3	---	---	---	---	---	27	81	89	56	54	47	71
4	---	---	---	---	---	28	79	88	57	52	47	70
5	---	---	---	---	---	28	77	88	57	51	46	69
6	---	---	---	---	---	29	75	87	56	50	46	68
7	---	---	---	---	---	29	73	85	54	48	47	68
8	---	---	---	---	---	30	71	83	53	47	48	67
9	---	---	---	---	---	30	69	81	52	47	49	66
10	---	---	---	---	---	31	69	80	50	46	50	65
11	---	---	---	---	---	31	66	78	49	46	51	65
12	---	---	---	---	---	33	63	76	49	46	52	65
13	---	---	---	---	---	34	61	74	48	46	52	64
14	---	---	---	---	---	36	58	74	48	45	54	64
15	---	---	---	---	---	38	55	72	47	45	56	64
16	---	---	---	---	---	40	52	70	46	48	58	64
17	---	---	---	---	---	41	53	68	46	52	60	64
18	---	---	---	---	---	43	54	65	45	55	62	64
19	---	---	---	---	---	43	55	63	45	58	64	63
20	---	---	---	---	---	49	56	61	48	61	64	63
21	---	---	---	---	---	54	57	61	51	65	65	63
22	---	---	---	---	---	60	58	60	54	68	65	63
23	---	---	---	---	---	66	59	58	57	68	66	63
24	---	---	---	---	---	71	59	57	60	65	67	62
25	---	---	---	---	---	77	65	56	63	62	67	62
26	---	---	---	---	---	77	70	54	63	59	68	62
27	---	---	---	---	---	78	76	53	62	55	68	62
28	---	---	---	---	---	79	81	54	60	52	69	62
29	---	---	---	---	---	80	87	54	59	49	69	61
30	---	---	---	---	---	81	92	55	58	49	70	61
31	---	---	---	---	---	---	91	---	56	49	---	61
TOTAL						1394	2125	2124	1661	1647	1721	2006
MEAN						46	69	71	54	53	57	65
MAX						81	92	91	63	68	70	71
MIN						26	52	53	45	45	46	61
AC-FT						2764	4216	4212	3294	3267	3414	3978
IRRIGATION YEAR 1990			TOTAL	12677	MEAN	35	AC-FT	25143				

14-NOV-90

13212890 DIXIE SLOUGH
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1989 TO OCTOBER 1990
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	---	---	---	---	---	83	335	355	172	142	190	272
2	---	---	---	---	---	86	342	348	169	142	191	279
3	---	---	---	---	---	88	337	341	165	145	192	285
4	---	---	---	---	---	91	333	334	162	148	194	284
5	---	---	---	---	---	94	328	326	162	152	195	283
6	---	---	---	---	---	97	324	319	168	155	195	282
7	---	---	---	---	---	99	319	318	173	158	193	282
8	---	---	---	---	---	102	315	316	179	161	190	281
9	---	---	---	---	---	105	310	315	185	159	188	280
10	---	---	---	---	---	107	310	314	190	158	186	279
11	---	---	---	---	---	110	297	313	196	156	183	274
12	---	---	---	---	---	115	284	311	196	155	181	270
13	---	---	---	---	---	121	272	310	191	153	181	265
14	---	---	---	---	---	126	259	310	185	151	191	260
15	---	---	---	---	---	132	246	302	180	150	200	255
16	---	---	---	---	---	137	233	294	174	148	210	251
17	---	---	---	---	---	143	235	287	169	156	220	246
18	---	---	---	---	---	148	237	279	163	163	229	241
19	---	---	---	---	---	148	239	271	163	171	239	237
20	---	---	---	---	---	173	240	263	166	178	239	232
21	---	---	---	---	---	198	242	263	168	186	240	227
22	---	---	---	---	---	223	244	250	171	193	242	222
23	---	---	---	---	---	247	246	237	173	193	243	218
24	---	---	---	---	---	272	246	224	176	192	244	213
25	---	---	---	---	---	297	267	211	178	191	246	208
26	---	---	---	---	---	297	287	198	178	190	247	204
27	---	---	---	---	---	305	308	185	172	189	247	199
28	---	---	---	---	---	312	329	182	166	188	253	194
29	---	---	---	---	---	320	349	178	160	187	260	189
30	---	---	---	---	---	327	370	175	154	187	266	185
31	---	---	---	---	---	---	363	---	148	188	---	180
TOTAL						5101	9045	8329	5349	5183	6475	7577
MEAN						170	292	278	173	167	216	244
MAX						327	370	355	196	193	266	285
MIN						83	233	175	148	142	181	180
AC-FT						10118	17940	16521	10609	10280	12843	15029

IRRIGATION YEAR 1990 TOTAL 47058 MEAN 129 AC-FT 93339

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CANAL DIVERSIONS

DIVERSIONS
IN ALPHABETICAL ORDER

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New Union	A-44
New York Canal	A-27
Parma	A-81
Penitentiary	A-26
Phyllis	A-59
Ridenbaugh	A-29
River Run	A-33
Riverside	A-64
Rossi-Mill	A-32
Sebree (Farmers Co-Op)	A-65
Settlers	A-35
Seven Suckers	A-58
Shipley Pump	A-68
Siebenberg	A-67
Simplot Pump	A-70
Suprise Valley Farms	A-28
Thurman-Mill	A-38
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Wagner Pumps	A-69
Warm Springs Ditch	A-46
Wroten Pump	A-54

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13201050 LUCKY PEAK NURSERY
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1989 TO OCTOBER 1990
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	---	---	---	---	---	0.0	0.5	0.5	0.5	0.5	0.5	0.5
2	---	---	---	---	---	0.0	0.5	0.5	0.5	0.5	0.5	0.5
3	---	---	---	---	---	0.0	0.5	0.5	0.5	0.5	0.5	0.5
4	---	---	---	---	---	0.0	0.5	0.5	0.5	0.5	0.5	0.5
5	---	---	---	---	---	0.0	0.5	0.5	0.5	0.5	0.5	0.5
6	---	---	---	---	---	0.0	0.5	0.5	0.5	0.5	0.5	0.5
7	---	---	---	---	---	0.0	0.5	0.5	0.5	0.5	0.5	0.5
8	---	---	---	---	---	0.0	0.5	0.5	0.5	0.5	0.5	0.5
9	---	---	---	---	---	0.0	0.5	0.5	0.5	0.5	0.5	0.5
10	---	---	---	---	---	0.0	0.5	0.5	0.5	0.5	0.5	0.5
11	---	---	---	---	---	0.5	0.5	0.5	0.5	0.5	0.5	0.5
12	---	---	---	---	---	0.5	0.5	0.5	0.5	0.5	0.5	0.5
13	---	---	---	---	---	0.5	0.5	0.5	0.5	0.5	0.5	0.5
14	---	---	---	---	---	0.5	0.5	0.5	0.5	0.5	0.5	0.5
15	---	---	---	---	---	0.5	0.5	0.5	0.5	0.5	0.5	0.5
16	---	---	---	---	---	0.5	0.5	0.5	0.5	0.5	0.5	---
17	---	---	---	---	---	0.5	0.5	0.5	0.5	0.5	0.5	---
18	---	---	---	---	---	0.5	0.5	0.5	0.5	0.5	0.5	---
19	---	---	---	---	---	0.5	0.5	0.5	0.5	0.5	0.5	---
20	---	---	---	---	---	0.5	0.5	0.5	0.5	0.5	0.5	---
21	---	---	---	---	---	0.5	0.5	0.5	0.5	0.5	0.5	---
22	---	---	---	---	---	0.5	0.5	0.5	0.5	0.5	0.5	---
23	---	---	---	---	---	0.5	0.5	0.5	0.5	0.5	0.5	---
24	---	---	---	---	---	0.5	0.5	0.5	0.5	0.5	0.5	---
25	---	---	---	---	---	0.5	0.5	0.5	0.5	0.5	0.5	---
26	---	---	---	---	---	0.5	0.5	0.5	0.5	0.5	0.5	---
27	---	---	---	---	---	0.5	0.5	0.5	0.5	0.5	0.5	---
28	---	---	---	---	---	0.5	0.5	0.5	0.5	0.5	0.5	---
29	---	---	---	---	---	0.5	0.5	0.5	0.5	0.5	0.5	---
30	---	---	---	---	---	0.5	0.5	0.5	0.5	0.5	0.5	---
31	---	---	---	---	---	---	0.5	---	0.5	0.5	---	---
TOTAL						10	16	15	16	16	15	8
MEAN						0.3	0.5	0.5	0.5	0.5	0.5	0.5
MAX						0.5	0.5	0.5	0.5	0.5	0.5	0.5
MIN						0.0	0.5	0.5	0.5	0.5	0.5	0.5
AC-FT						20	31	30	31	31	30	15
IRRIGATION YEAR 1990 TOTAL 94 MEAN 0 AC-FT 186												

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13-NOV-90

13202995 PENITENTIARY CANAL
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1989 TO OCTOBER 1990
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	---	---	---	---	---	0.0	5.2	0.0	6.1	4.5	4.1	1.5
2	---	---	---	---	---	0.0	3.6	0.0	5.6	4.5	4.1	1.5
3	---	---	---	---	---	0.0	3.3	0.0	5.6	4.5	4.1	1.5
4	---	---	---	---	---	0.0	3.3	0.0	5.6	4.5	3.9	1.5
5	---	---	---	---	---	1.5	3.3	0.0	5.7	4.5	4.0	0.0
6	---	---	---	---	---	1.5	3.3	0.0	5.6	4.5	5.4	0.0
7	---	---	---	---	---	1.5	3.3	0.0	5.6	4.5	4.0	0.0
8	---	---	---	---	---	1.5	3.3	0.0	5.6	4.5	4.0	0.0
9	---	---	---	---	---	1.0	3.3	0.0	5.6	4.5	4.0	0.0
10	---	---	---	---	---	2.6	3.3	0.0	5.7	4.5	2.2	0.0
11	---	---	---	---	---	3.0	3.3	2.8	7.1	4.5	1.7	0.0
12	---	---	---	---	---	3.0	6.7	2.8	7.1	4.5	1.5	0.0
13	---	---	---	---	---	5.3	6.7	2.8	7.1	4.5	1.5	0.0
14	---	---	---	---	---	4.3	6.7	2.8	5.8	4.5	1.5	0.0
15	---	---	---	---	---	4.3	6.7	2.5	5.8	4.5	1.5	0.0
16	---	---	---	---	---	4.9	6.7	2.5	5.9	4.5	1.6	0.0
17	---	---	---	---	---	5.4	6.7	2.5	4.8	4.5	1.6	0.0
18	---	---	---	---	---	5.8	6.7	2.5	4.9	4.5	1.5	0.0
19	---	---	---	---	---	5.8	6.7	2.5	6.0	4.5	1.5	0.0
20	---	---	---	---	---	5.3	6.7	3.9	5.4	4.5	1.5	0.0
21	---	---	---	---	---	5.0	6.6	2.6	4.9	4.5	1.5	0.0
22	---	---	---	---	---	5.0	6.6	2.5	4.9	4.5	1.5	0.0
23	---	---	---	---	---	5.1	6.6	2.5	4.9	4.1	1.5	0.0
24	---	---	---	---	---	4.7	5.0	2.5	4.8	4.1	1.5	0.0
25	---	---	---	---	---	4.7	5.0	2.5	4.8	4.1	1.5	0.0
26	---	---	---	---	---	4.7	5.0	2.5	4.8	4.1	1.5	0.0
27	---	---	---	---	---	4.7	5.0	5.4	4.5	4.1	1.6	0.0
28	---	---	---	---	---	5.3	5.1	5.8	4.5	4.1	1.5	0.0
29	---	---	---	---	---	5.2	0.0	6.0	4.5	4.1	1.5	0.0
30	---	---	---	---	---	5.3	0.0	6.0	4.5	4.1	1.5	0.0
31	---	---	---	---	---	---	0.0	---	4.5	4.1	---	0.0
TOTAL						106	144	66	168	136	70	6
MEAN						3.5	4.6	2.2	5.4	4.4	2.3	0.2
MAX						5.8	6.7	6.0	7.1	4.5	5.4	1.5
MIN						0.0	0.0	0.0	4.5	4.1	1.5	0.0
AC-FT						211	285	131	334	270	139	12
IRRIGATION YEAR 1990												
TOTAL			696		MEAN	2	AC-FT	1381				

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13-NOV-90

13203000 NEW YORK CANAL
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1989 TO OCTOBER 1990
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	---	---	---	---	---	813	1474	1270	2277	2065	1345	1366
2	---	---	---	---	---	881	1482	1272	2277	2067	1346	1367
3	---	---	---	---	---	924	1485	1272	2279	1996	1384	1344
4	---	---	---	---	---	925	1512	1277	2249	1989	1401	1327
5	---	---	---	---	---	995	1504	1285	2230	1984	1401	547
6	---	---	---	---	---	1083	1507	1284	2257	1983	1402	0.0
7	---	---	---	---	---	1113	1579	1286	2256	1983	1449	0.0
8	---	---	---	---	---	1108	1655	1272	2256	2039	1449	0.0
9	---	---	---	---	---	1071	1674	1265	2248	2077	1450	0.0
10	---	---	---	---	---	1125	1675	1266	2248	2121	1449	0.0
11	---	---	---	---	---	1148	1795	1350	2250	2123	1479	0.0
12	---	---	---	---	---	1161	1806	1474	2249	2123	1498	0.0
13	---	---	---	---	---	1249	1800	1562	2293	2123	1490	0.0
14	---	---	---	---	---	1299	1798	1591	2271	2125	1481	0.0
15	---	---	---	---	---	1320	1800	1612	2273	2132	1482	0.0
16	---	---	---	---	---	1294	1825	1670	2271	2135	1482	0.0
17	---	---	---	---	---	1268	1850	1695	2299	2176	1484	0.0
18	---	---	---	---	---	1472	1789	1739	2340	2145	1485	0.0
19	---	---	---	---	---	1587	1784	1789	2367	2148	1486	0.0
20	---	---	---	---	---	1501	1783	1845	2341	2085	1483	0.0
21	---	---	---	---	---	1586	1784	1924	2342	1929	1450	0.0
22	---	---	---	---	---	1633	1783	1993	2342	1750	1414	0.0
23	---	---	---	---	708	1603	1764	2017	2341	1701	1413	0.0
24	---	---	---	---	816	1530	1663	2005	2341	1570	1382	0.0
25	---	---	---	---	815	1484	1556	2110	2335	1488	1369	0.0
26	---	---	---	---	816	1478	1490	2278	2336	1465	1365	0.0
27	---	0.0	---	---	816	1649	1478	2322	2280	1418	1361	0.0
28	---	0.0	---	---	816	1484	1481	2323	2205	1390	1364	0.0
29	---	---	---	---	815	1477	1384	2274	2185	1390	1366	0.0
30	---	---	---	---	815	1476	1289	2278	2108	1392	1367	0.0
31	---	---	---	---	814	---	1271	---	2065	1345	---	0.0
TOTAL		0			7230	38736	50519	50598	70410	58454	42777	5951
MEAN		0.0			803	1291	1630	1687	2271	1886	1426	192
MAX		0.0			816	1649	1850	2323	2367	2176	1498	1367
MIN		0.0			708	813	1271	1265	2065	1345	1345	0.0
AC-FT		0			14340	76832	100204	100362	139658	115943	84848	11804
IRRIGATION YEAR 1990 TOTAL 324674 MEAN 890 AC-FT 643990												

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13-NOV-90

13203527 SURPRISE VLY FARMS
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1989 TO OCTOBER 1990
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	---	---	---	---	---	0.0	3.0	0.0	3.0	3.0	2.0	3.0
2	---	---	---	---	---	0.4	3.0	0.0	3.0	3.0	2.5	2.5
3	---	---	---	---	---	0.8	3.0	0.0	3.0	3.0	3.0	2.0
4	---	---	---	---	---	1.1	3.0	0.0	3.0	3.0	3.0	1.5
5	---	---	---	---	---	1.5	3.0	0.4	3.0	3.0	2.5	1.0
6	---	---	---	---	---	1.9	3.0	0.9	3.0	3.0	2.0	0.5
7	---	---	---	---	---	2.3	3.0	1.3	3.0	3.0	1.5	0.0
8	---	---	---	---	---	2.6	3.0	1.7	3.0	3.0	1.0	0.0
9	---	---	---	---	---	3.0	3.0	2.1	3.0	3.0	0.5	0.0
10	---	---	---	---	---	3.0	3.0	2.6	3.0	3.0	0.0	0.0
11	---	---	---	---	---	3.0	3.0	3.0	3.0	3.0	0.0	0.0
12	---	---	---	---	---	3.0	3.0	3.0	3.0	3.0	0.0	0.0
13	---	---	---	---	---	3.0	3.0	3.0	3.0	3.0	0.0	0.0
14	---	---	---	---	---	3.0	3.0	3.0	3.0	3.0	0.0	0.0
15	---	---	---	---	---	3.0	3.0	3.0	3.0	2.5	0.0	0.0
16	---	---	---	---	---	3.0	2.5	3.0	3.0	2.0	0.0	0.0
17	---	---	---	---	---	3.0	2.0	3.0	3.0	1.5	0.0	0.0
18	---	---	---	---	---	2.5	1.5	3.0	3.0	1.0	0.0	0.0
19	---	---	---	---	---	2.0	1.0	3.0	3.0	0.5	0.0	0.0
20	---	---	---	---	---	1.5	0.5	3.0	3.0	0.0	0.0	0.0
21	---	---	---	---	---	1.0	0.0	3.0	3.0	0.0	0.0	0.0
22	---	---	---	---	---	0.5	0.0	3.0	3.0	0.0	0.0	0.0
23	---	---	---	---	---	0.0	0.0	3.0	3.0	0.0	0.0	0.0
24	---	---	---	---	---	0.0	0.0	3.0	3.0	0.0	0.0	0.0
25	---	---	---	---	---	0.5	0.0	3.0	3.0	0.0	0.0	0.0
26	---	---	---	---	---	1.0	0.0	3.0	3.0	0.0	0.5	0.0
27	---	---	---	---	---	1.5	0.0	3.0	3.0	0.0	1.0	0.0
28	---	---	---	---	---	2.0	0.0	3.0	3.0	0.0	1.5	0.0
29	---	---	---	---	---	2.5	0.0	3.0	3.0	0.5	2.0	0.0
30	---	---	---	---	---	3.0	0.0	3.0	3.0	1.0	2.5	0.0
31	---	---	---	---	---	---	0.0	---	3.0	1.5	---	0.0
TOTAL						56	53	69	93	53	26	11
MEAN						1.9	1.7	2.3	3.0	1.7	0.9	0.3
MAX						3.0	3.0	3.0	3.0	3.0	3.0	3.0
MIN						0.0	0.0	0.0	3.0	0.0	0.0	0.0
AC-FT						110	104	137	184	104	51	21
IRRIGATION YEAR 1990 TOTAL 359 MEAN 1 AC-FT 711												

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13-NOV-90

13203760 RIDENBAUGH CANAL
 DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1989 TO OCTOBER 1990
 MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	---	---	---	---	---	0.0	490	497	530	400	383	0.0
2	---	---	---	---	---	0.0	492	500	530	399	384	0.0
3	---	---	---	---	---	0.0	494	503	530	399	384	0.0
4	---	---	---	---	---	0.0	496	506	530	399	384	0.0
5	---	---	---	---	---	0.0	497	509	530	398	384	0.0
6	---	---	---	---	---	26	499	513	530	398	384	0.0
7	---	---	---	---	---	77	501	516	530	398	384	0.0
8	---	---	---	---	---	129	501	520	530	398	384	0.0
9	---	---	---	---	---	180	501	523	462	398	384	0.0
10	---	---	---	---	---	218	501	527	462	398	384	0.0
11	---	---	---	---	---	257	501	530	451	398	384	0.0
12	---	---	---	---	---	295	501	530	439	398	384	0.0
13	---	---	---	---	---	333	501	530	428	398	384	0.0
14	---	---	---	---	---	371	517	530	417	398	384	0.0
15	---	---	---	---	---	410	519	530	405	398	383	0.0
16	---	---	---	---	---	448	521	529	394	397	383	0.0
17	---	---	---	---	---	448	523	529	394	397	383	0.0
18	---	---	---	---	---	461	524	529	395	397	383	0.0
19	---	---	---	---	---	475	526	529	395	396	383	0.0
20	---	---	---	---	---	488	528	530	396	396	383	0.0
21	---	---	---	---	---	501	530	530	396	396	127	0.0
22	---	---	---	---	---	515	530	531	397	396	0.0	0.0
23	---	---	---	---	---	528	524	531	397	395	0.0	0.0
24	---	---	---	---	---	528	518	532	397	395	0.0	0.0
25	---	---	---	---	---	523	512	532	398	394	0.0	0.0
26	---	---	---	---	---	517	505	532	398	388	0.0	0.0
27	---	---	---	---	---	512	499	531	399	381	0.0	0.0
28	---	---	---	---	---	506	493	531	399	381	0.0	0.0
29	---	---	---	---	---	501	487	531	400	382	0.0	0.0
30	---	---	---	---	---	495	490	531	400	382	0.0	0.0
31	---	---	---	---	---	---	493	---	400	383	---	0.0
TOTAL						9742	15714	15719	13656	12229	7799	0
MEAN						325	507	524	441	394	260	0.0
MAX						528	530	532	530	400	384	0.0
MIN						0.0	487	497	394	381	0.0	0.0
AC-FT						19323	31169	31178	27087	24255	15469	0

IRRIGATION YEAR 1990 TOTAL 74859 MEAN 205 AC-FT 148481

13-NOV-90

13204005 BUBB CANAL
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1989 TO OCTOBER 1990
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	---	---	---	---	---	0.0	8.0	8.0	8.0	8.0	5.0	5.0
2	---	---	---	---	---	0.0	8.0	8.0	8.0	8.0	5.0	5.0
3	---	---	---	---	---	0.0	8.0	8.0	8.0	8.0	5.0	5.0
4	---	---	---	---	---	0.0	8.0	8.0	8.0	8.0	5.0	5.0
5	---	---	---	---	---	0.0	8.0	8.0	8.0	8.0	5.0	5.0
6	---	---	---	---	---	0.0	8.0	8.0	8.0	8.0	5.0	5.0
7	---	---	---	---	---	0.0	8.0	8.0	8.0	8.0	5.0	5.0
8	---	---	---	---	---	0.0	8.0	8.0	8.0	8.0	5.0	5.0
9	---	---	---	---	---	0.0	8.3	8.0	8.0	8.0	5.0	5.0
10	---	---	---	---	---	0.0	8.7	8.0	8.0	8.0	5.0	5.0
11	---	---	---	---	---	0.0	9.0	8.0	8.0	8.0	5.0	5.0
12	---	---	---	---	---	0.0	9.3	8.0	8.0	8.0	5.0	5.0
13	---	---	---	---	---	0.0	9.7	8.0	8.0	8.0	5.0	5.0
14	---	---	---	---	---	0.0	10	8.0	8.0	8.0	5.0	5.0
15	---	---	---	---	---	0.0	10	8.0	8.0	8.0	5.0	2.0
16	---	---	---	---	---	4.0	10	8.0	8.0	8.0	5.0	0.0
17	---	---	---	---	---	4.0	10	8.0	8.0	8.0	5.0	0.0
18	---	---	---	---	---	5.0	10	8.0	8.0	8.0	5.0	0.0
19	---	---	---	---	---	6.0	10	8.0	8.0	8.0	5.0	0.0
20	---	---	---	---	---	7.0	10	8.0	8.0	8.0	5.0	0.0
21	---	---	---	---	---	8.0	10	8.0	8.0	8.0	5.0	0.0
22	---	---	---	---	---	9.0	10	8.0	8.0	8.0	5.0	0.0
23	---	---	---	---	---	10	9.8	8.0	8.0	8.0	5.0	0.0
24	---	---	---	---	---	10	9.6	8.0	8.0	8.0	5.0	0.0
25	---	---	---	---	---	9.5	9.3	8.0	8.0	8.0	5.0	0.0
26	---	---	---	---	---	9.0	9.1	8.0	8.0	8.0	5.0	0.0
27	---	---	---	---	---	8.5	8.9	8.0	8.0	8.0	5.0	0.0
28	---	---	---	---	---	8.0	8.7	8.0	8.0	8.0	5.0	0.0
29	---	---	---	---	---	8.0	8.4	8.0	8.0	8.0	5.0	0.0
30	---	---	---	---	---	8.0	8.2	8.0	8.0	8.0	5.0	0.0
31	---	---	---	---	---	---	8.0	---	8.0	8.0	---	0.0
TOTAL						114	279	240	248	248	150	72
MEAN						3.8	9.0	8.0	8.0	8.0	5.0	2.3
MAX						10	10	8.0	8.0	8.0	5.0	5.0
MIN						0.0	8.0	8.0	8.0	8.0	5.0	0.0
AC-FT						226	553	476	492	492	298	143
IRRIGATION YEAR 1990						TOTAL	1351	MEAN	4	AC-FT	2679	

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13-NOV-90

13204020 MEEVES CANAL
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1989 TO OCTOBER 1990
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	---	---	---	---	---	0.0	1.0	0.0	0.9	0.2	0.3	0.0
2	---	---	---	---	---	0.0	1.0	0.0	1.0	0.3	0.2	0.1
3	---	---	---	---	---	0.0	1.0	0.0	1.0	0.5	0.0	0.3
4	---	---	---	---	---	0.0	1.0	0.0	0.8	0.7	0.0	0.4
5	---	---	---	---	---	0.0	1.0	0.1	0.7	0.8	0.2	0.6
6	---	---	---	---	---	0.0	1.0	0.3	0.5	1.0	0.3	0.7
7	---	---	---	---	---	0.0	1.0	0.4	0.3	1.0	0.5	0.9
8	---	---	---	---	---	0.0	1.0	0.6	0.2	1.0	0.7	1.0
9	---	---	---	---	---	0.0	1.0	0.7	0.0	1.0	0.8	1.0
10	---	---	---	---	---	0.0	1.0	0.9	0.0	1.0	1.0	1.0
11	---	---	---	---	---	0.0	1.0	1.0	0.0	0.0	0.0	1.0
12	---	---	---	---	---	0.0	1.0	1.0	0.0	0.0	0.2	1.0
13	---	---	---	---	---	0.0	1.0	1.0	0.0	0.0	0.3	1.0
14	---	---	---	---	---	0.0	1.0	1.0	0.0	0.0	0.5	1.0
15	---	---	---	---	---	0.0	0.9	1.0	0.0	0.0	0.7	0.0
16	---	---	---	---	---	0.0	0.7	1.0	0.0	0.0	0.8	0.0
17	---	---	---	---	---	0.0	0.6	1.0	0.0	0.0	1.0	0.0
18	---	---	---	---	---	0.0	0.4	1.0	0.1	0.0	0.0	0.0
19	---	---	---	---	---	0.0	0.3	1.0	0.3	0.0	0.2	0.0
20	---	---	---	---	---	0.0	0.1	0.8	0.4	0.0	0.3	0.0
21	---	---	---	---	---	0.0	0.0	0.7	0.6	0.0	0.5	0.0
22	---	---	---	---	---	0.0	0.0	0.5	0.7	0.2	0.7	0.0
23	---	---	---	---	---	0.0	0.0	0.3	0.9	0.3	0.8	0.0
24	---	---	---	---	---	0.0	0.0	0.2	1.0	0.5	1.0	0.0
25	---	---	---	---	---	0.2	0.0	0.0	1.0	0.7	1.0	0.0
26	---	---	---	---	---	0.3	0.0	0.1	0.8	0.8	0.8	0.0
27	---	---	---	---	---	0.5	0.0	0.3	0.6	1.0	0.7	0.0
28	---	---	---	---	---	0.7	0.0	0.4	0.4	1.0	0.5	0.0
29	---	---	---	---	---	0.8	0.0	0.6	0.2	0.8	0.3	0.0
30	---	---	---	---	---	1.0	0.0	0.7	0.0	0.7	0.2	0.0
31	---	---	---	---	---	---	0.0	---	0.0	0.5	---	0.0
TOTAL						4	17	17	12	14	15	10
MEAN						0.1	0.5	0.6	0.4	0.5	0.5	0.3
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						7	34	33	25	28	29	20
IRRIGATION YEAR 1990 TOTAL 88 MEAN 0 AC-FT 174												

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13-NOV-90

13204060 ROSSI MILL CANAL
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1989 TO OCTOBER 1990
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	---	---	---	---	---	0.0	6.0	6.0	6.0	6.0	6.0	6.0
2	---	---	---	---	---	0.0	6.0	6.0	6.0	6.0	6.0	6.0
3	---	---	---	---	---	0.0	6.0	6.0	6.0	6.0	6.0	6.0
4	---	---	---	---	---	0.0	6.0	6.0	6.0	6.0	6.0	6.0
5	---	---	---	---	---	1.2	6.0	6.0	6.0	6.0	6.0	6.0
6	---	---	---	---	---	2.4	6.0	6.0	6.0	6.0	6.0	6.0
7	---	---	---	---	---	3.6	6.0	6.0	6.0	6.0	6.0	6.0
8	---	---	---	---	---	4.8	6.0	6.0	6.0	6.0	6.0	6.0
9	---	---	---	---	---	6.0	6.0	6.0	6.0	6.0	6.0	6.0
10	---	---	---	---	---	6.0	6.0	6.0	6.0	6.0	6.0	6.0
11	---	---	---	---	---	6.0	6.0	6.0	6.0	6.0	6.0	6.0
12	---	---	---	---	---	6.0	6.0	6.0	6.0	6.0	6.0	6.0
13	---	---	---	---	---	6.0	6.0	6.0	6.0	6.0	6.0	6.0
14	---	---	---	---	---	6.0	6.0	6.0	6.0	6.0	6.0	6.0
15	---	---	---	---	---	6.0	6.0	6.0	6.0	6.0	6.0	2.0
16	---	---	---	---	---	6.0	6.0	6.0	6.0	6.0	6.0	0.0
17	---	---	---	---	---	6.0	6.0	6.0	6.0	6.0	6.0	0.0
18	---	---	---	---	---	6.0	6.0	6.0	6.0	6.0	6.0	0.0
19	---	---	---	---	---	6.0	6.0	6.0	6.0	6.0	6.0	0.0
20	---	---	---	---	---	6.0	6.0	6.0	6.0	6.0	6.0	0.0
21	---	---	---	---	---	6.0	6.0	6.0	6.0	6.0	6.0	0.0
22	---	---	---	---	---	6.0	6.0	6.0	6.0	6.0	6.0	0.0
23	---	---	---	---	---	6.0	6.0	6.0	6.0	6.0	6.0	0.0
24	---	---	---	---	---	6.0	6.0	6.0	6.0	6.0	6.0	0.0
25	---	---	---	---	---	6.0	6.0	6.0	6.0	6.0	6.0	0.0
26	---	---	---	---	---	6.0	6.0	6.0	6.0	6.0	6.0	0.0
27	---	---	---	---	---	6.0	6.0	6.0	6.0	6.0	6.0	0.0
28	---	---	---	---	---	6.0	6.0	6.0	6.0	6.0	6.0	0.0
29	---	---	---	---	---	6.0	6.0	6.0	6.0	6.0	6.0	0.0
30	---	---	---	---	---	6.0	6.0	6.0	6.0	6.0	6.0	0.0
31	---	---	---	---	---	---	6.0	---	6.0	6.0	---	0.0
TOTAL						144	186	180	186	186	180	86
MEAN						4.8	6.0	6.0	6.0	6.0	6.0	2.8
MAX						6.0	6.0	6.0	6.0	6.0	6.0	6.0
MIN						0.0	6.0	6.0	6.0	6.0	6.0	0.0
AC-FT						286	369	357	369	369	357	171
IRRIGATION YEAR 1990 TOTAL 1148 MEAN 3 AC-FT 2277												

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13-NOV-90

13204070 RIVER RUN
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1989 TO OCTOBER 1990
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	---	---	---	---	---	18	18	18	18	18	18	18
2	---	---	---	---	---	18	18	18	18	18	18	18
3	---	---	---	---	---	18	18	18	18	18	18	18
4	---	---	---	---	---	18	18	18	18	18	18	18
5	---	---	---	---	---	18	18	18	18	18	18	18
6	---	---	---	---	---	18	18	18	18	18	18	18
7	---	---	---	---	---	18	18	18	18	18	18	18
8	---	---	---	---	---	18	18	18	18	18	18	18
9	---	---	---	---	---	18	18	18	18	18	18	18
10	---	---	---	---	---	18	18	18	18	18	18	18
11	---	---	---	---	---	18	18	18	18	18	18	18
12	---	---	---	---	---	18	18	18	18	18	18	18
13	---	---	---	---	---	18	18	18	18	18	18	18
14	---	---	---	---	---	18	18	18	18	18	18	18
15	---	---	---	---	---	18	18	18	18	18	18	18
16	---	---	---	---	---	18	18	18	18	18	18	18
17	---	---	---	---	---	18	18	18	18	18	18	18
18	---	---	---	---	---	18	18	18	18	18	18	18
19	---	---	---	---	---	18	18	18	18	18	18	18
20	---	---	---	---	---	18	18	18	18	18	18	18
21	---	---	---	---	---	18	18	18	18	18	18	18
22	---	---	---	---	---	18	18	18	18	18	18	18
23	---	---	---	---	---	18	18	18	18	18	18	18
24	---	---	---	---	---	18	18	18	18	18	18	18
25	---	---	---	---	---	18	18	18	18	18	18	18
26	---	---	---	---	---	18	18	18	18	18	18	18
27	---	---	---	---	---	18	18	18	18	18	18	18
28	---	---	---	---	---	18	18	18	18	18	18	18
29	---	---	---	---	---	18	18	18	18	18	18	18
30	---	---	---	---	---	18	18	18	18	18	18	18
31	---	---	---	---	---	---	18	---	18	18	---	18
TOTAL						540	558	540	558	558	540	558
MEAN						18	18	18	18	18	18	18
MAX						18	18	18	18	18	18	18
MIN						18	18	18	18	18	18	18
AC-FT						1071	1107	1071	1107	1107	1071	1107
IRRIGATION YEAR 1990												
TOTAL			3852	MEAN		11	AC-FT	7640				

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13-NOV-90

13204190 BOISE CITY CANAL
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1989 TO OCTOBER 1990
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	---	---	---	---	---	0.0	30	14	32	25	21	18
2	---	---	---	---	---	0.0	30	17	32	25	21	18
3	---	---	---	---	---	0.0	30	21	32	25	21	17
4	---	---	---	---	---	0.0	30	24	32	24	21	17
5	---	---	---	---	---	0.0	31	24	31	24	21	16
6	---	---	---	---	---	0.0	31	25	31	24	21	16
7	---	---	---	---	---	0.0	31	25	30	24	21	15
8	---	---	---	---	---	0.0	31	25	30	24	21	15
9	---	---	---	---	---	0.0	31	25	29	25	21	13
10	---	---	---	---	---	0.0	31	26	29	25	21	11
11	---	---	---	---	---	8.0	31	26	29	25	21	8.6
12	---	---	---	---	---	12	30	26	29	26	21	6.4
13	---	---	---	---	---	16	30	26	29	26	21	4.3
14	---	---	---	---	---	20	30	27	29	26	22	2.1
15	---	---	---	---	---	24	30	27	29	26	22	0.0
16	---	---	---	---	---	28	29	27	29	25	22	0.0
17	---	---	---	---	---	28	29	27	29	25	22	0.0
18	---	---	---	---	---	28	29	28	29	25	22	0.0
19	---	---	---	---	---	28	29	28	29	24	21	0.0
20	---	---	---	---	---	28	28	28	29	24	21	0.0
21	---	---	---	---	---	28	28	29	28	24	20	0.0
22	---	---	---	---	---	29	28	29	28	24	19	0.0
23	---	---	---	---	---	29	26	30	28	23	19	0.0
24	---	---	---	---	---	29	24	31	28	23	18	0.0
25	---	---	---	---	---	29	22	31	25	23	18	0.0
26	---	---	---	---	---	29	21	31	25	22	18	0.0
27	---	---	---	---	---	8.0	19	32	25	22	18	0.0
28	---	---	---	---	---	29	17	32	25	22	18	0.0
29	---	---	---	---	---	29	15	32	25	22	18	0.0
30	---	---	---	---	---	29	13	32	25	22	18	0.0
31	---	---	---	---	---	---	10	---	25	22	---	0.0
TOTAL						488	822	802	883	745	609	177
MEAN						16	27	27	28	24	20	5.7
MAX						29	31	32	32	26	22	18
MIN						0.0	10	14	25	22	18	0.0
AC-FT						967	1631	1591	1751	1477	1208	351
IRRIGATION YEAR 1990			TOTAL	4526	MEAN	12	AC-FT	8976				

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13-NOV-90

13205515 SETTLERS CANAL
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1989 TO OCTOBER 1990
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	---	---	---	---	---	0.0	130	93	184	120	96	98
2	---	---	---	---	---	0.0	114	92	184	122	97	97
3	---	---	---	---	---	0.0	116	92	184	123	97	97
4	---	---	---	---	---	0.0	124	91	184	124	97	97
5	---	---	---	---	---	0.0	130	100	184	126	97	24
6	---	---	---	---	---	0.0	136	110	185	127	98	0.0
7	---	---	---	---	---	0.0	142	119	185	127	98	0.0
8	---	---	---	---	---	0.0	142	129	185	126	98	0.0
9	---	---	---	---	---	15	149	138	185	125	99	0.0
10	---	---	---	---	---	34	157	148	185	125	99	0.0
11	---	---	---	---	---	52	164	157	137	124	99	0.0
12	---	---	---	---	---	71	171	157	123	123	100	0.0
13	---	---	---	---	---	89	179	158	122	122	101	0.0
14	---	---	---	---	---	108	186	158	120	122	102	0.0
15	---	---	---	---	---	126	186	159	119	118	103	0.0
16	---	---	---	---	---	145	185	160	117	113	101	0.0
17	---	---	---	---	---	145	185	160	117	109	98	0.0
18	---	---	---	---	---	148	184	161	118	109	98	0.0
19	---	---	---	---	---	150	184	161	119	109	98	0.0
20	---	---	---	---	---	153	183	165	120	105	98	0.0
21	---	---	---	---	---	155	183	169	120	105	99	0.0
22	---	---	---	---	---	158	183	173	121	103	99	0.0
23	---	---	---	---	---	160	170	177	122	102	99	0.0
24	---	---	---	---	---	160	158	181	122	100	99	0.0
25	---	---	---	---	---	155	145	185	122	98	99	0.0
26	---	---	---	---	---	151	133	185	121	97	99	0.0
27	---	---	---	---	---	146	120	185	121	95	99	0.0
28	---	---	---	---	---	141	108	185	120	95	98	0.0
29	---	---	---	---	---	137	95	184	120	95	98	0.0
30	---	---	---	---	---	132	94	184	119	96	98	0.0
31	---	---	---	---	---	---	94	---	119	96	---	0.0
TOTAL						2730	4630	4516	4381	3482	2960	413
MEAN						91	149	151	141	112	99	13
MAX						160	186	185	185	127	103	98
MIN						0.0	94	91	117	95	96	0.0
AC-FT						5414	9184	8957	8689	6906	5871	820
IRRIGATION YEAR 1990												
TOTAL			23111	MEAN	63	AC-FT	45839					

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13-NOV-90

13205517 DAVIS CANAL
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1989 TO OCTOBER 1990
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	---	---	---	---	---	0.0	7.0	0.0	7.0	7.0	7.0	7.0
2	---	---	---	---	---	0.0	7.0	0.0	7.0	7.0	7.0	7.0
3	---	---	---	---	---	0.0	7.0	0.0	7.0	7.0	7.0	7.0
4	---	---	---	---	---	0.0	7.0	0.0	7.0	7.0	7.0	7.0
5	---	---	---	---	---	0.0	7.0	1.0	7.0	7.0	7.0	2.0
6	---	---	---	---	---	0.0	7.0	2.0	7.0	7.0	7.0	0.0
7	---	---	---	---	---	0.0	7.0	3.0	7.0	7.0	7.0	0.0
8	---	---	---	---	---	0.0	7.0	4.0	7.0	7.0	7.0	0.0
9	---	---	---	---	---	0.0	7.0	5.0	7.0	7.0	7.0	0.0
10	---	---	---	---	---	0.0	7.0	6.0	7.0	7.0	7.0	0.0
11	---	---	---	---	---	1.2	7.0	7.0	7.0	7.0	7.0	0.0
12	---	---	---	---	---	2.3	7.0	7.0	7.0	7.0	7.0	0.0
13	---	---	---	---	---	3.5	7.0	7.0	7.0	7.0	7.0	0.0
14	---	---	---	---	---	4.7	7.0	7.0	7.0	7.0	7.0	0.0
15	---	---	---	---	---	5.8	7.0	7.0	7.0	7.0	7.0	0.0
16	---	---	---	---	---	7.0	7.0	7.0	7.0	7.0	7.0	0.0
17	---	---	---	---	---	7.0	7.0	7.0	7.0	7.0	7.0	0.0
18	---	---	---	---	---	5.8	7.0	7.0	7.0	7.0	7.0	0.0
19	---	---	---	---	---	4.7	7.0	7.0	7.0	7.0	7.0	0.0
20	---	---	---	---	---	3.5	7.0	7.0	7.0	7.0	7.0	0.0
21	---	---	---	---	---	2.3	7.0	7.0	7.0	7.0	7.0	0.0
22	---	---	---	---	---	1.2	7.0	7.0	7.0	7.0	7.0	0.0
23	---	---	---	---	---	0.0	5.8	7.0	7.0	7.0	7.0	0.0
24	---	---	---	---	---	0.0	4.7	7.0	7.0	7.0	7.0	0.0
25	---	---	---	---	---	1.2	3.5	7.0	7.0	7.0	7.0	0.0
26	---	---	---	---	---	2.3	2.3	7.0	7.0	7.0	7.0	0.0
27	---	---	---	---	---	3.5	1.2	7.0	7.0	7.0	7.0	0.0
28	---	---	---	---	---	4.7	0.0	7.0	7.0	7.0	7.0	0.0
29	---	---	---	---	---	5.8	0.0	7.0	7.0	7.0	7.0	0.0
30	---	---	---	---	---	7.0	0.0	7.0	7.0	7.0	7.0	0.0
31	---	---	---	---	---	---	0.0	---	7.0	7.0	---	0.0
TOTAL						74	172	161	217	217	210	30
MEAN						2.5	5.5	5.4	7.0	7.0	7.0	1.0
MAX						7.0	7.0	7.0	7.0	7.0	7.0	7.0
MIN						0.0	0.0	0.0	7.0	7.0	7.0	0.0
AC-FT						146	340	319	430	430	417	60
IRRIGATION YEAR 1990						TOTAL	1080	MEAN	3	AC-FT	2142	

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13-NOV-90

13205613 BOISE CITY PARKS
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1989 TO OCTOBER 1990
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	---	---	---	---	---	0.0	0.2	0.2	0.2	0.2	0.2	0.3
2	---	---	---	---	---	0.0	0.2	0.2	0.2	0.2	0.2	0.3
3	---	---	---	---	---	0.0	0.2	0.2	0.2	0.2	0.2	0.3
4	---	---	---	---	---	0.0	0.2	0.2	0.2	0.2	0.2	0.3
5	---	---	---	---	---	0.0	0.2	0.2	0.2	0.2	0.2	0.3
6	---	---	---	---	---	0.0	0.2	0.2	0.2	0.2	0.2	0.3
7	---	---	---	---	---	0.0	0.2	0.2	0.2	0.2	0.2	0.3
8	---	---	---	---	---	0.0	0.2	0.2	0.2	0.2	0.2	0.3
9	---	---	---	---	---	0.0	0.2	0.2	0.2	0.2	0.2	0.3
10	---	---	---	---	---	0.0	0.2	0.2	0.2	0.2	0.2	0.3
11	---	---	---	---	---	0.0	0.2	0.2	0.2	0.2	0.2	0.3
12	---	---	---	---	---	0.0	0.2	0.2	0.2	0.2	0.2	0.3
13	---	---	---	---	---	0.0	0.2	0.2	0.2	0.2	0.2	0.3
14	---	---	---	---	---	0.0	0.2	0.2	0.2	0.2	0.2	0.0
15	---	---	---	---	---	0.0	0.2	0.2	0.2	0.2	0.2	0.0
16	---	---	---	---	---	0.0	0.2	0.2	0.2	0.2	0.2	---
17	---	---	---	---	---	0.0	0.2	0.2	0.2	0.2	0.2	---
18	---	---	---	---	---	0.3	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	---	---	---	---	---	---	0.2	---	0.2	0.2	---	---
TOTAL						4	6	6	6	6	6	4
MEAN						0.1	0.2	0.2	0.2	0.2	0.2	0.3
MAX						0.3	0.2	0.2	0.2	0.2	0.2	0.3
MIN						0.0	0.2	0.2	0.2	0.2	0.2	0.0
AC-FT						8	12	12	12	12	12	8
IRRIGATION YEAR 1990												
TOTAL				38	MEAN	0	AC-FT	76				

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13-NOV-90

13205622 THURMAN MILL CANAL
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1989 TO OCTOBER 1990
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	---	---	---	---	---	0.0	20	23	24	20	21	17
2	---	---	---	---	---	0.0	21	23	24	20	21	17
3	---	---	---	---	---	0.0	21	22	24	21	21	16
4	---	---	---	---	---	0.0	22	22	24	21	21	16
5	---	---	---	---	---	0.0	22	22	23	21	21	16
6	---	---	---	---	---	0.0	23	21	23	21	20	15
7	---	---	---	---	---	0.0	23	21	23	21	20	15
8	---	---	---	---	---	0.0	23	20	22	21	19	15
9	---	---	---	---	---	0.0	24	20	22	21	19	14
10	---	---	---	---	---	0.0	24	19	22	22	18	14
11	---	---	---	---	---	0.0	25	19	22	22	18	14
12	---	---	---	---	---	0.0	25	19	22	22	19	14
13	---	---	---	---	---	0.0	26	19	22	22	19	14
14	---	---	---	---	---	0.0	26	19	21	22	20	14
15	---	---	---	---	---	0.0	26	19	21	22	20	4.0
16	---	---	---	---	---	12	26	20	21	22	21	0.0
17	---	---	---	---	---	12	26	20	21	22	21	0.0
18	---	---	---	---	---	15	25	20	21	21	21	0.0
19	---	---	---	---	---	18	25	20	21	21	21	0.0
20	---	---	---	---	---	21	25	20	21	21	20	0.0
21	---	---	---	---	---	24	25	20	21	21	20	0.0
22	---	---	---	---	---	27	25	21	21	21	19	0.0
23	---	---	---	---	---	30	25	21	21	21	19	0.0
24	---	---	---	---	---	30	25	21	21	21	18	0.0
25	---	---	---	---	---	28	25	21	21	21	18	0.0
26	---	---	---	---	---	27	24	21	21	21	18	0.0
27	---	---	---	---	---	25	24	22	21	21	18	0.0
28	---	---	---	---	---	23	24	22	20	21	18	0.0
29	---	---	---	---	---	22	24	23	20	21	17	0.0
30	---	---	---	---	---	20	24	23	20	21	17	0.0
31	---	---	---	---	---	---	23	---	20	21	---	0.0
TOTAL						334	745	620	670	656	578	215
MEAN						11	24	21	22	21	19	6.9
MAX						30	26	23	24	22	21	17
MIN						0.0	20	19	20	20	17	0.0
AC-FT						662	1477	1229	1328	1300	1146	426
IRRIGATION YEAR 1990												
TOTAL			3816	MEAN	10	AC-FT	7569					

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13-NOV-90

13205638 BOISE WATER CORP
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1989 TO OCTOBER 1990
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	---	---	---	---	---	2.0	2.0	2.0	2.0	2.0	2.0	2.0
2	---	---	---	---	---	2.0	2.0	2.0	2.0	2.0	2.0	2.0
3	---	---	---	---	---	2.0	2.0	2.0	2.0	2.0	2.0	2.0
4	---	---	---	---	---	2.0	2.0	2.0	2.0	2.0	2.0	2.0
5	---	---	---	---	---	2.0	2.0	2.0	2.0	2.0	2.0	2.0
6	---	---	---	---	---	2.0	2.0	2.0	2.0	2.0	2.0	2.0
7	---	---	---	---	---	2.0	2.0	2.0	2.0	2.0	2.0	2.0
8	---	---	---	---	---	2.0	2.0	2.0	2.0	2.0	2.0	2.0
9	---	---	---	---	---	2.0	2.0	2.0	2.0	2.0	2.0	2.0
10	---	---	---	---	---	2.0	2.0	2.0	2.0	2.0	2.0	2.0
11	---	---	---	---	---	2.0	2.0	2.0	2.0	2.0	2.0	2.0
12	---	---	---	---	---	2.0	2.0	2.0	2.0	2.0	2.0	2.0
13	---	---	---	---	---	2.0	2.0	2.0	2.0	2.0	2.0	2.0
14	---	---	---	---	---	2.0	2.0	2.0	2.0	2.0	2.0	2.0
15	---	---	---	---	---	2.0	2.0	2.0	2.0	2.0	2.0	2.0
16	---	---	---	---	---	2.0	2.0	2.0	2.0	2.0	2.0	2.0
17	---	---	---	---	---	2.0	2.0	2.0	2.0	2.0	2.0	2.0
18	---	---	---	---	---	2.0	2.0	2.0	2.0	2.0	2.0	2.0
19	---	---	---	---	---	2.0	2.0	2.0	2.0	2.0	2.0	2.0
20	---	---	---	---	---	2.0	2.0	2.0	2.0	2.0	2.0	2.0
21	---	---	---	---	---	2.0	2.0	2.0	2.0	2.0	2.0	2.0
22	---	---	---	---	---	2.0	2.0	2.0	2.0	2.0	2.0	2.0
23	---	---	---	---	---	2.0	2.0	2.0	2.0	2.0	2.0	2.0
24	---	---	---	---	---	2.0	2.0	2.0	2.0	2.0	2.0	2.0
25	---	---	---	---	---	2.0	2.0	2.0	2.0	2.0	2.0	2.0
26	---	---	---	---	---	2.0	2.0	2.0	2.0	2.0	2.0	2.0
27	---	---	---	---	---	2.0	2.0	2.0	2.0	2.0	2.0	2.0
28	---	---	---	---	---	2.0	2.0	2.0	2.0	2.0	2.0	2.0
29	---	---	---	---	---	2.0	2.0	2.0	2.0	2.0	2.0	2.0
30	---	---	---	---	---	2.0	2.0	2.0	2.0	2.0	2.0	2.0
31	---	---	---	---	---	---	2.0	---	2.0	2.0	---	2.0
TOTAL						60	62	60	62	62	60	62
MEAN						2.0	2.0	2.0	2.0	2.0	2.0	2.0
MAX						2.0	2.0	2.0	2.0	2.0	2.0	2.0
MIN						2.0	2.0	2.0	2.0	2.0	2.0	2.0
AC-FT						119	123	119	123	123	119	123
IRRIGATION YEAR 1990 TOTAL						428	MEAN	1	AC-FT	848		

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13-NOV-90

13205640 FARMERS UNION CANAL
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1989 TO OCTOBER 1990
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	---	---	---	---	---	0.0	162	107	232	161	140	126
2	---	---	---	---	---	0.0	163	88	232	161	141	126
3	---	---	---	---	---	0.0	164	70	232	161	142	125
4	---	---	---	---	---	0.0	166	52	231	161	142	125
5	---	---	---	---	---	0.0	167	68	229	161	142	125
6	---	---	---	---	---	0.0	168	85	228	161	141	124
7	---	---	---	---	---	0.0	169	101	226	160	141	124
8	---	---	---	---	---	0.0	169	118	225	160	140	124
9	---	---	---	---	---	0.0	175	134	223	160	140	124
10	---	---	---	---	---	0.0	181	151	223	160	139	123
11	---	---	---	---	---	0.0	187	167	218	160	139	123
12	---	---	---	---	---	0.0	192	167	213	160	139	123
13	---	---	---	---	---	33	198	175	208	160	139	122
14	---	---	---	---	---	63	204	182	203	158	138	122
15	---	---	---	---	---	94	205	190	198	156	138	30
16	---	---	---	---	---	124	206	198	193	154	138	0.0
17	---	---	---	---	---	124	207	205	193	152	74	0.0
18	---	---	---	---	---	131	207	213	188	149	42	0.0
19	---	---	---	---	---	138	208	213	188	147	42	0.0
20	---	---	---	---	---	145	209	217	187	145	42	0.0
21	---	---	---	---	---	151	210	220	187	143	42	0.0
22	---	---	---	---	---	158	201	224	186	142	42	0.0
23	---	---	---	---	---	165	204	227	186	141	42	0.0
24	---	---	---	---	---	165	206	231	186	140	42	0.0
25	---	---	---	---	---	168	209	234	182	139	42	0.0
26	---	---	---	---	---	170	197	234	178	138	76	0.0
27	---	---	---	---	---	173	185	233	174	137	127	0.0
28	---	---	---	---	---	169	173	233	169	137	127	0.0
29	---	---	---	---	---	165	161	233	165	138	126	0.0
30	---	---	---	---	---	161	143	233	161	139	126	0.0
31	---	---	---	---	---	---	125	---	161	140	---	0.0
TOTAL						2497	5720	5201	6203	4680	3230	1765
MEAN						83	185	173	200	151	108	57
MAX						173	210	234	232	161	142	126
MIN						0.0	125	52	161	137	42	0.0
AC-FT						4952	11346	10317	12304	9282	6407	3500
IRRIGATION YEAR 1990	TOTAL	29296	MEAN	80	AC-FT	58107						

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13-NOV-90

13205641 BOISE VALLEY CANAL (INCLUDED IN FARMERS UNION)
 DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1989 TO OCTOBER 1990
 MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	---	---	---	---	---	0.0	36	46	49	42	42	42
2	---	---	---	---	---	0.0	36	46	49	42	42	42
3	---	---	---	---	---	0.0	36	46	49	42	42	42
4	---	---	---	---	---	0.0	36	46	49	42	42	42
5	---	---	---	---	---	0.0	36	46	49	42	42	42
6	---	---	---	---	---	0.0	36	46	48	42	42	42
7	---	---	---	---	---	0.0	36	46	48	42	42	42
8	---	---	---	---	---	0.0	36	46	48	42	42	42
9	---	---	---	---	---	0.0	36	46	48	42	42	42
10	---	---	---	---	---	0.0	36	46	48	42	42	42
11	---	---	---	---	---	0.0	36	46	47	42	42	42
12	---	---	---	---	---	0.0	36	46	47	42	42	42
13	---	---	---	---	---	7.0	36	46	46	42	42	42
14	---	---	---	---	---	14	36	46	45	42	42	42
15	---	---	---	---	---	20	36	46	44	42	42	14
16	---	---	---	---	---	27	36	46	44	42	42	0.0
17	---	---	---	---	---	27	36	46	43	42	42	0.0
18	---	---	---	---	---	29	36	46	43	42	42	0.0
19	---	---	---	---	---	30	36	46	43	42	42	0.0
20	---	---	---	---	---	32	36	47	43	42	42	0.0
21	---	---	---	---	---	33	36	47	43	42	42	0.0
22	---	---	---	---	---	35	36	47	43	42	42	0.0
23	---	---	---	---	---	36	35	48	43	42	42	0.0
24	---	---	---	---	---	36	35	48	43	42	42	0.0
25	---	---	---	---	---	36	34	49	43	42	42	0.0
26	---	---	---	---	---	36	34	49	43	42	42	0.0
27	---	---	---	---	---	36	33	49	43	42	42	0.0
28	---	---	---	---	---	36	33	49	43	42	42	0.0
29	---	---	---	---	---	36	25	49	43	42	42	0.0
30	---	---	---	---	---	36	25	49	43	42	42	0.0
31	---	---	---	---	---	---	22	---	42	42	---	0.0
TOTAL						541	1068	1403	1400	1302	1260	602
MEAN						18	34	47	45	42	42	19
MAX						36	36	49	49	42	42	42
MIN						0.0	22	46	42	42	42	0.0
AC-FT						1072	2118	2783	2777	2583	2499	1194
IRRIGATION YEAR 1990												
TOTAL			7576		MEAN	21	AC-FT	15026				

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13-NOV-90

13205643 CAPITOL VIEW PUMP (INCLUDED IN FARMERS UNION)
 DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1989 TO OCTOBER 1990
 MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	---	---	---	---	---	0.0	7.0	7.0	7.0	7.0	7.0	7.0
2	---	---	---	---	---	0.0	7.0	7.0	7.0	7.0	7.0	7.0
3	---	---	---	---	---	0.0	7.0	7.0	7.0	7.0	7.0	7.0
4	---	---	---	---	---	0.0	7.0	7.0	7.0	7.0	7.0	7.0
5	---	---	---	---	---	0.0	7.0	7.0	7.0	7.0	7.0	7.0
6	---	---	---	---	---	0.0	7.0	7.0	7.0	7.0	7.0	7.0
7	---	---	---	---	---	0.0	7.0	7.0	7.0	7.0	7.0	7.0
8	---	---	---	---	---	0.0	7.0	7.0	7.0	7.0	7.0	2.0
9	---	---	---	---	---	0.0	7.0	7.0	7.0	7.0	7.0	0.0
10	---	---	---	---	---	0.0	7.0	7.0	7.0	7.0	7.0	0.0
11	---	---	---	---	---	0.0	7.0	7.0	7.0	7.0	7.0	0.0
12	---	---	---	---	---	0.0	7.0	7.0	7.0	7.0	7.0	0.0
13	---	---	---	---	---	0.0	7.0	7.0	7.0	7.0	7.0	0.0
14	---	---	---	---	---	0.0	7.0	7.0	7.0	7.0	7.0	0.0
15	---	---	---	---	---	0.0	7.0	7.0	7.0	7.0	7.0	0.0
16	---	---	---	---	---	0.0	7.0	7.0	7.0	7.0	7.0	0.0
17	---	---	---	---	---	0.0	7.0	7.0	7.0	7.0	2.0	0.0
18	---	---	---	---	---	0.0	7.0	7.0	7.0	7.0	0.0	0.0
19	---	---	---	---	---	3.0	7.0	7.0	7.0	7.0	0.0	0.0
20	---	---	---	---	---	3.0	7.0	7.0	7.0	7.0	0.0	0.0
21	---	---	---	---	---	3.0	7.0	7.0	7.0	7.0	0.0	0.0
22	---	---	---	---	---	3.0	7.0	7.0	7.0	7.0	0.0	0.0
23	---	---	---	---	---	3.0	7.0	7.0	7.0	7.0	0.0	0.0
24	---	---	---	---	---	3.0	7.0	7.0	7.0	7.0	0.0	0.0
25	---	---	---	---	---	3.0	7.0	7.0	7.0	7.0	0.0	0.0
26	---	---	---	---	---	3.8	7.0	7.0	7.0	7.0	0.0	0.0
27	---	---	---	---	---	4.6	7.0	7.0	7.0	7.0	0.0	0.0
28	---	---	---	---	---	5.4	7.0	7.0	7.0	7.0	0.0	0.0
29	---	---	---	---	---	6.2	7.0	7.0	7.0	7.0	0.0	0.0
30	---	---	---	---	---	7.0	7.0	7.0	7.0	7.0	0.0	0.0
31	---	---	---	---	---	---	7.0	---	7.0	7.0	---	0.0
TOTAL						48	217	210	217	217	114	51
MEAN						1.6	7.0	7.0	7.0	7.0	3.8	1.6
MAX						7.0	7.0	7.0	7.0	7.0	7.0	7.0
MIN						0.0	7.0	7.0	7.0	7.0	0.0	0.0
AC-FT						95	430	417	430	430	226	101
IRRIGATION YEAR 1990												
TOTAL			1074		MEAN	3	AC-FT	2130				

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13-NOV-90

13206090 NEW DRY CREEK CANAL
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1989 TO OCTOBER 1990
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	---	---	---	---	---	0.0	32	18	76	52	46	20
2	---	---	---	---	---	0.0	32	16	76	52	46	20
3	---	---	---	---	---	0.0	31	15	76	52	46	19
4	---	---	---	---	---	0.0	30	14	72	52	46	19
5	---	---	---	---	---	0.0	40	19	67	52	44	18
6	---	---	---	---	---	0.0	50	24	63	52	43	17
7	---	---	---	---	---	0.0	60	29	63	52	41	17
8	---	---	---	---	---	0.0	60	34	62	6.0	39	16
9	---	---	---	---	---	0.0	61	39	62	52	38	17
10	---	---	---	---	---	0.0	61	44	62	53	36	17
11	---	---	---	---	---	0.0	62	49	62	55	36	18
12	---	---	---	---	---	0.0	62	49	62	56	37	19
13	---	---	---	---	---	15	63	52	62	57	37	19
14	---	---	---	---	---	30	63	54	62	57	38	20
15	---	---	---	---	---	45	64	57	62	57	39	5.0
16	---	---	---	---	---	60	65	59	62	57	39	0.0
17	---	---	---	---	---	60	66	62	61	58	40	0.0
18	---	---	---	---	---	62	67	65	61	58	40	0.0
19	---	---	---	---	---	63	68	65	61	58	39	0.0
20	---	---	---	---	---	65	69	66	61	58	38	0.0
21	---	---	---	---	---	67	70	68	60	58	37	0.0
22	---	---	---	---	---	68	70	70	60	56	35	0.0
23	---	---	---	---	---	70	63	72	60	54	34	0.0
24	---	---	---	---	---	70	56	73	60	52	33	0.0
25	---	---	---	---	---	64	49	75	10	49	33	0.0
26	---	---	---	---	---	58	41	75	53	47	30	0.0
27	---	---	---	---	---	52	34	75	53	45	28	0.0
28	---	---	---	---	---	45	27	75	53	45	25	0.0
29	---	---	---	---	---	39	20	76	52	45	23	0.0
30	---	---	---	---	---	33	20	76	52	45	20	0.0
31	---	---	---	---	---	---	19	---	52	46	---	0.0
TOTAL						966	1573	1565	1858	1587	1105	261
MEAN						32	51	52	60	51	37	8.4
MAX						70	70	76	76	58	46	20
MIN						0.0	19	14	10	6.0	20	0.0
AC-FT						1915	3120	3103	3686	3147	2192	518
IRRIGATION YEAR 1990 TOTAL 8914 MEAN 24 AC-FT 17680												

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13-NOV-90

13206092 NEW UNION CANAL (INCLUDED IN NEW DRY CREEK)
 DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1989 TO OCTOBER 1990
 MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	---	---	---	---	---	0.0	14	4.0	11	11	11	11
2	---	---	---	---	---	0.0	14	3.7	11	11	11	11
3	---	---	---	---	---	0.0	14	3.3	11	11	11	11
4	---	---	---	---	---	0.0	14	3.0	11	11	11	11
5	---	---	---	---	---	0.0	14	3.0	11	11	11	11
6	---	---	---	---	---	0.0	14	3.0	11	11	11	11
7	---	---	---	---	---	0.0	14	3.0	11	11	11	11
8	---	---	---	---	---	0.0	14	3.0	11	11	11	11
9	---	---	---	---	---	0.0	14	3.0	11	11	11	11
10	---	---	---	---	---	0.0	14	3.0	11	11	11	11
11	---	---	---	---	---	0.0	14	3.0	11	11	11	11
12	---	---	---	---	---	0.0	14	3.0	11	11	11	11
13	---	---	---	---	---	3.0	14	4.3	11	11	11	11
14	---	---	---	---	---	4.7	14	5.7	11	11	11	11
15	---	---	---	---	---	6.3	14	7.0	11	11	11	2.0
16	---	---	---	---	---	8.0	14	8.3	11	11	11	0.0
17	---	---	---	---	---	8.0	14	9.7	11	11	11	0.0
18	---	---	---	---	---	9.0	14	11	11	11	11	0.0
19	---	---	---	---	---	10	14	11	11	11	11	0.0
20	---	---	---	---	---	11	14	11	11	11	11	0.0
21	---	---	---	---	---	12	14	11	11	11	11	0.0
22	---	---	---	---	---	13	14	11	11	11	11	0.0
23	---	---	---	---	---	14	13	11	11	11	11	0.0
24	---	---	---	---	---	14	11	11	11	11	11	0.0
25	---	---	---	---	---	14	10	11	3.0	11	11	0.0
26	---	---	---	---	---	14	8.9	11	11	11	11	0.0
27	---	---	---	---	---	14	7.6	11	11	11	11	0.0
28	---	---	---	---	---	14	6.3	11	11	11	11	0.0
29	---	---	---	---	---	14	5.0	11	11	11	11	0.0
30	---	---	---	---	---	14	4.7	11	11	11	11	0.0
31	---	---	---	---	---	---	4.3	---	11	11	---	0.0
TOTAL						197	379	216	333	341	330	156
MEAN						6.6	12	7.2	11	11	11	5.0
MAX						14	14	11	11	11	11	11
MIN						0.0	4.3	3.0	3.0	11	11	0.0
AC-FT						391	752	428	661	676	655	309
IRRIGATION YEAR 1990 TOTAL 1952 MEAN 5 AC-FT 3871												

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13-NOV-90

13206205 LEMP CANAL
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1989 TO OCTOBER 1990
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	---	---	---	---	---	0.0	0.4	0.0	3.0	2.5	3.0	0.0
2	---	---	---	---	---	0.4	0.9	0.0	3.0	2.0	3.0	0.0
3	---	---	---	---	---	0.8	1.3	0.0	3.0	1.5	3.0	0.0
4	---	---	---	---	---	1.1	1.7	0.0	3.0	1.0	3.0	0.0
5	---	---	---	---	---	1.5	2.1	0.4	3.0	0.5	2.5	0.0
6	---	---	---	---	---	1.9	2.6	0.9	3.0	0.0	2.0	0.0
7	---	---	---	---	---	2.3	3.0	1.3	3.0	0.0	1.5	0.0
8	---	---	---	---	---	2.6	3.0	1.7	3.0	0.5	1.0	0.0
9	---	---	---	---	---	3.0	3.5	2.1	3.0	1.0	0.5	0.0
10	---	---	---	---	---	2.6	4.0	2.6	3.0	1.5	0.0	0.0
11	---	---	---	---	---	2.1	4.5	3.0	3.0	2.0	0.0	0.0
12	---	---	---	---	---	1.7	5.0	3.0	3.0	2.5	0.5	0.0
13	---	---	---	---	---	1.3	5.5	3.0	3.0	3.0	1.0	0.0
14	---	---	---	---	---	0.9	6.0	3.0	3.0	3.0	1.5	0.0
15	---	---	---	---	---	0.4	5.1	3.0	3.0	2.5	2.0	0.0
16	---	---	---	---	---	0.0	4.3	3.0	3.0	2.0	2.5	0.0
17	---	---	---	---	---	0.0	3.4	3.0	3.0	1.5	3.0	0.0
18	---	---	---	---	---	0.0	2.6	3.0	3.0	1.0	3.0	0.0
19	---	---	---	---	---	0.0	1.7	3.0	3.0	0.5	3.0	0.0
20	---	---	---	---	---	0.0	0.9	3.0	3.0	0.0	3.0	0.0
21	---	---	---	---	---	0.0	0.0	3.0	3.0	0.0	3.0	0.0
22	---	---	---	---	---	0.0	0.0	3.0	3.0	0.5	3.0	0.0
23	---	---	---	---	---	0.0	0.0	3.0	3.0	1.0	3.0	0.0
24	---	---	---	---	---	0.0	0.0	3.0	3.0	1.5	3.0	0.0
25	---	---	---	---	---	0.0	0.0	3.0	3.0	2.0	3.0	0.0
26	---	---	---	---	---	0.0	0.0	3.0	3.0	2.5	2.5	0.0
27	---	---	---	---	---	0.0	0.0	3.0	3.0	3.0	2.0	0.0
28	---	---	---	---	---	0.0	0.0	3.0	3.0	3.0	1.5	0.0
29	---	---	---	---	---	0.0	0.0	3.0	3.0	3.0	1.0	0.0
30	---	---	---	---	---	0.0	0.0	3.0	3.0	3.0	0.5	0.0
31	---	---	---	---	---	---	0.0	---	3.0	3.0	---	0.0
TOTAL						23	62	69	93	51	62	0
MEAN						0.8	2.0	2.3	3.0	1.6	2.0	0.0
MAX						3.0	6.0	3.0	3.0	3.0	3.0	0.0
MIN						0.0	0.0	0.0	3.0	0.0	0.0	0.0
AC-FT						45	122	137	184	101	122	0
IRRIGATION YEAR 1990 TOTAL 359 MEAN 1 AC-FT 711												

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11-FEB-91

13206220 WARM SPRINGS CANAL
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1989 TO OCTOBER 1990
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	---	---	---	---	---	0.0	5.0	5.4	6.0	5.0	5.0	5.0
2	---	---	---	---	---	0.0	5.0	5.3	6.0	5.0	5.0	5.0
3	---	---	---	---	---	0.0	5.0	5.1	6.0	5.0	5.0	5.0
4	---	---	---	---	---	0.0	5.0	5.0	6.0	5.0	5.0	5.0
5	---	---	---	---	---	1.0	5.0	5.1	6.0	5.0	5.0	5.0
6	---	---	---	---	---	2.0	5.0	5.3	6.0	5.0	5.0	5.0
7	---	---	---	---	---	3.0	5.0	5.4	6.0	5.0	5.0	5.0
8	---	---	---	---	---	4.0	5.0	5.6	6.0	5.0	5.0	5.0
9	---	---	---	---	---	5.0	5.2	5.7	6.0	5.0	5.0	4.3
10	---	---	---	---	---	5.0	5.3	5.9	6.0	5.0	5.0	3.6
11	---	---	---	---	---	5.0	5.5	6.0	6.0	5.0	5.0	2.9
12	---	---	---	---	---	5.0	5.7	6.0	6.0	5.0	5.0	2.1
13	---	---	---	---	---	5.0	5.8	6.0	6.0	5.0	5.0	1.4
14	---	---	---	---	---	5.0	6.0	6.0	6.0	5.0	5.0	0.7
15	---	---	---	---	---	5.0	6.0	6.0	6.0	5.0	5.0	0.0
16	---	---	---	---	---	5.0	6.0	6.0	6.0	5.0	5.0	0.0
17	---	---	---	---	---	5.0	6.0	6.0	6.0	5.0	5.0	0.0
18	---	---	---	---	---	5.0	6.0	6.0	5.8	5.0	5.0	0.0
19	---	---	---	---	---	5.0	6.0	6.0	5.7	5.0	5.0	0.0
20	---	---	---	---	---	5.0	6.0	6.0	5.5	5.0	5.0	0.0
21	---	---	---	---	---	5.0	6.0	6.0	5.3	5.0	5.0	0.0
22	---	---	---	---	---	5.0	6.0	6.0	5.2	5.0	5.0	0.0
23	---	---	---	---	---	5.0	6.0	6.0	5.0	5.0	5.0	0.0
24	---	---	---	---	---	5.0	6.0	6.0	5.0	5.0	5.0	0.0
25	---	---	---	---	---	5.0	6.0	6.0	5.0	5.0	5.0	0.0
26	---	---	---	---	---	5.0	6.0	6.0	5.0	5.0	5.0	0.0
27	---	---	---	---	---	5.0	6.0	6.0	5.0	5.0	5.0	0.0
28	---	---	---	---	---	5.0	6.0	6.0	5.0	5.0	5.0	0.0
29	---	---	---	---	---	5.0	5.9	6.0	5.0	5.0	5.0	0.0
30	---	---	---	---	---	5.0	5.7	6.0	5.0	5.0	5.0	0.0
31	---	---	---	---	---	---	5.6	---	5.0	5.0	---	0.0
TOTAL						120	175	174	175	155	150	55
MEAN						4.0	5.6	5.8	5.6	5.0	5.0	1.8
MAX						5.0	6.0	6.0	6.0	5.0	5.0	5.0
MIN						0.0	5.0	5.0	5.0	5.0	5.0	0.0
AC-FT						238	347	345	346	307	298	109

IRRIGATION YEAR 1990

TOTAL

1003

MEAN

3

AC-FT

1989

13-NOV-90

13206260 GRAHAM-GILBERT CANAL
 DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1989 TO OCTOBER 1990
 MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	---	---	---	---	---	0.0	0.0	0.0	1.0	1.0	0.7	1.0
2	---	---	---	---	---	0.0	0.0	0.0	1.0	1.0	0.8	0.9
3	---	---	---	---	---	0.0	0.0	0.0	1.0	1.0	1.0	0.7
4	---	---	---	---	---	0.0	0.0	0.0	1.0	1.0	1.0	0.6
5	---	---	---	---	---	0.2	0.0	0.0	1.0	1.0	1.0	0.4
6	---	---	---	---	---	0.4	0.0	0.0	1.0	1.0	1.0	0.3
7	---	---	---	---	---	0.6	0.0	0.0	1.0	1.0	1.0	0.1
8	---	---	---	---	---	0.8	0.0	0.0	1.0	1.0	1.0	0.0
9	---	---	---	---	---	1.0	0.2	0.0	1.0	1.0	1.0	0.0
10	---	---	---	---	---	1.0	0.3	0.0	1.0	1.0	1.0	0.0
11	---	---	---	---	---	1.0	0.5	0.0	1.0	1.0	1.0	0.0
12	---	---	---	---	---	1.0	0.7	0.0	1.0	1.0	0.8	0.0
13	---	---	---	---	---	1.0	0.8	0.2	1.0	1.0	0.7	0.0
14	---	---	---	---	---	1.0	1.0	0.3	1.0	1.0	0.5	0.0
15	---	---	---	---	---	1.0	0.9	0.5	1.0	0.8	0.3	0.0
16	---	---	---	---	---	1.0	0.7	0.7	1.0	0.7	0.2	0.0
17	---	---	---	---	---	1.0	0.6	0.8	1.0	0.5	0.0	0.0
18	---	---	---	---	---	1.0	0.4	1.0	1.0	0.3	0.0	0.0
19	---	---	---	---	---	1.0	0.3	1.0	1.0	0.2	0.2	0.0
20	---	---	---	---	---	1.0	0.1	1.0	1.0	0.0	0.3	0.0
21	---	---	---	---	---	1.0	0.0	1.0	1.0	0.0	0.5	0.0
22	---	---	---	---	---	1.0	0.0	1.0	1.0	0.0	0.7	0.0
23	---	---	---	---	---	1.0	0.0	1.0	1.0	0.0	0.8	0.0
24	---	---	---	---	---	1.0	0.0	1.0	1.0	0.0	1.0	0.0
25	---	---	---	---	---	0.8	0.0	1.0	1.0	0.0	1.0	0.0
26	---	---	---	---	---	0.7	0.0	1.0	1.0	0.0	1.0	0.0
27	---	---	---	---	---	0.5	0.0	1.0	1.0	0.0	1.0	0.0
28	---	---	---	---	---	0.3	0.0	1.0	1.0	0.0	1.0	0.0
29	---	---	---	---	---	0.2	0.0	1.0	1.0	0.2	1.0	0.0
30	---	---	---	---	---	0.0	0.0	1.0	1.0	0.3	1.0	0.0
31	---	---	---	---	---	---	0.0	---	1.0	0.5	---	0.0
TOTAL						21	7	16	31	18	23	4
MEAN						0.7	0.2	0.5	1.0	0.6	0.8	0.1
MAX						1.0	1.0	1.0	1.0	1.0	1.0	1.0
MIN						0.0	0.0	0.0	1.0	0.0	0.0	0.0
AC-FT						41	13	31	61	35	45	8
IRRIGATION YEAR 1990	TOTAL			118	MEAN	0	AC-FT	233				

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13-NOV-90

13206265 BALLENTYNE CANAL
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1989 TO OCTOBER 1990
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	---	---	---	---	---	0.0	18	17	18	12	12	10
2	---	---	---	---	---	0.8	18	17	18	12	12	9.7
3	---	---	---	---	---	1.5	18	16	18	12	12	9.4
4	---	---	---	---	---	2.3	18	16	18	11	12	9.1
5	---	---	---	---	---	3.0	18	16	18	11	12	8.9
6	---	---	---	---	---	3.8	18	17	18	11	12	8.6
7	---	---	---	---	---	4.5	18	17	18	11	12	8.3
8	---	---	---	---	---	5.3	18	17	18	11	12	8.0
9	---	---	---	---	---	6.0	18	17	18	11	12	8.0
10	---	---	---	---	---	7.7	18	18	18	11	12	8.0
11	---	---	---	---	---	9.4	18	18	18	11	12	8.0
12	---	---	---	---	---	11	17	18	19	11	12	8.0
13	---	---	---	---	---	13	17	18	19	11	11	8.0
14	---	---	---	---	---	15	17	18	19	11	11	8.0
15	---	---	---	---	---	16	17	18	20	11	11	8.0
16	---	---	---	---	---	18	17	18	20	11	10	7.5
17	---	---	---	---	---	18	17	18	20	11	10	7.0
18	---	---	---	---	---	18	18	18	20	10	10	6.5
19	---	---	---	---	---	18	18	18	20	10	10	6.0
20	---	---	---	---	---	18	18	18	20	10	10	5.5
21	---	---	---	---	---	18	18	18	19	10	10	5.0
22	---	---	---	---	---	18	18	18	19	10	10	4.5
23	---	---	---	---	---	18	18	18	19	11	10	4.0
24	---	---	---	---	---	18	18	18	19	11	10	3.5
25	---	---	---	---	---	18	18	18	18	11	10	3.0
26	---	---	---	---	---	18	18	18	17	12	10	2.5
27	---	---	---	---	---	18	18	18	16	12	10	2.0
28	---	---	---	---	---	18	18	18	14	12	10	1.5
29	---	---	---	---	---	18	18	18	13	12	10	1.0
30	---	---	---	---	---	18	17	18	12	12	10	0.5
31	---	---	---	---	---	---	17	---	12	12	---	0.0
TOTAL						369	550	528	552	344	327	188
MEAN						12	18	18	18	11	11	6.1
MAX						18	18	18	20	12	12	10
MIN						0.0	17	16	12	10	10	0.0
AC-FT						732	1090	1047	1095	682	649	373
IRRIGATION YEAR 1990 TOTAL 2858 MEAN 8 AC-FT 5668												

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13-NOV-90

13206270 CONWAY-HAMMING CANAL
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1989 TO OCTOBER 1990
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	---	---	---	---	---	0.0	0.4	1.2	3.0	3.0	2.0	3.0
2	---	---	---	---	---	0.0	0.9	1.8	3.0	3.0	2.5	2.6
3	---	---	---	---	---	0.0	1.3	2.4	3.0	3.0	3.0	2.1
4	---	---	---	---	---	0.0	1.7	3.0	3.0	3.0	3.0	1.7
5	---	---	---	---	---	0.7	2.1	2.6	3.0	3.0	3.0	1.3
6	---	---	---	---	---	1.3	2.6	2.1	3.0	3.0	3.0	0.9
7	---	---	---	---	---	2.0	3.0	1.7	3.0	3.0	3.0	0.4
8	---	---	---	---	---	2.7	3.0	1.3	3.0	3.0	3.0	0.0
9	---	---	---	---	---	3.3	2.5	0.9	3.0	3.0	3.0	0.0
10	---	---	---	---	---	4.0	2.0	0.4	3.0	3.0	3.0	0.0
11	---	---	---	---	---	4.0	1.5	0.0	3.0	3.0	3.0	0.0
12	---	---	---	---	---	4.0	1.0	0.0	3.0	3.0	3.0	0.0
13	---	---	---	---	---	4.0	0.5	0.7	3.0	3.0	3.0	0.0
14	---	---	---	---	---	4.0	0.0	1.3	3.0	3.0	3.0	0.0
15	---	---	---	---	---	4.0	0.6	2.0	3.0	3.0	3.0	0.0
16	---	---	---	---	---	4.0	1.1	2.7	3.0	3.0	3.0	0.0
17	---	---	---	---	---	4.0	1.7	3.3	3.0	3.0	3.0	0.0
18	---	---	---	---	---	3.8	2.3	4.0	3.0	3.0	3.0	0.0
19	---	---	---	---	---	3.7	2.9	4.0	3.0	3.0	3.0	0.0
20	---	---	---	---	---	3.5	3.4	3.8	3.0	3.0	3.0	0.0
21	---	---	---	---	---	3.3	4.0	3.7	3.0	3.0	3.0	0.0
22	---	---	---	---	---	3.2	4.0	3.5	3.0	2.5	3.0	0.0
23	---	---	---	---	---	3.0	3.5	3.3	3.0	2.0	3.0	0.0
24	---	---	---	---	---	3.0	3.0	3.2	3.0	1.5	3.0	0.0
25	---	---	---	---	---	2.5	2.5	3.0	3.0	1.0	3.0	0.0
26	---	---	---	---	---	2.0	2.0	3.0	3.0	0.5	3.0	0.0
27	---	---	---	---	---	1.5	1.5	3.0	3.0	0.0	3.0	0.0
28	---	---	---	---	---	1.0	1.0	3.0	3.0	0.0	3.0	0.0
29	---	---	---	---	---	0.5	0.5	3.0	3.0	0.5	3.0	0.0
30	---	---	---	---	---	0.0	0.0	3.0	3.0	1.0	3.0	0.0
31	---	---	---	---	---	---	0.6	---	3.0	1.5	---	0.0
TOTAL						73	57	71	93	74	89	12
MEAN						2.4	1.8	2.4	3.0	2.4	3.0	0.4
MAX						4.0	4.0	4.0	3.0	3.0	3.0	3.0
MIN						0.0	0.0	0.0	3.0	0.0	2.0	0.0
AC-FT						145	113	141	184	146	176	24
IRRIGATION YEAR 1990												
TOTAL			468	MEAN		1	AC-FT	928				

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13-NOV-90

13206274 EAGLE ISLAND PARK
 DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1989 TO OCTOBER 1990
 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	---	---
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 1990 TOTAL 50 MEAN 0 AC-FT 99

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13-NOV-90

13206290 THOMAS AIKEN CANAL
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1989 TO OCTOBER 1990
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	---	---	---	---	---	0.0	2.0	1.1	0.6	3.0	1.3	1.0
2	---	---	---	---	---	0.4	2.0	1.4	0.0	3.0	1.7	1.0
3	---	---	---	---	---	0.8	2.0	1.7	0.0	3.0	2.0	0.8
4	---	---	---	---	---	1.1	2.0	2.0	0.5	3.0	2.0	0.7
5	---	---	---	---	---	1.5	2.0	2.1	1.0	3.0	2.2	0.5
6	---	---	---	---	---	1.9	2.0	2.3	1.5	3.0	2.3	0.3
7	---	---	---	---	---	2.3	2.0	2.4	2.0	3.0	2.5	0.2
8	---	---	---	---	---	2.6	2.0	2.6	2.5	3.0	2.7	0.0
9	---	---	---	---	---	3.0	2.3	2.7	3.0	3.0	2.8	0.0
10	---	---	---	---	---	2.6	2.7	2.9	3.0	3.0	3.0	0.0
11	---	---	---	---	---	2.1	3.0	3.0	3.0	3.0	3.0	0.0
12	---	---	---	---	---	1.7	3.3	3.0	3.0	3.0	2.7	0.0
13	---	---	---	---	---	1.3	3.7	3.0	3.0	3.0	2.3	0.0
14	---	---	---	---	---	0.9	4.0	3.0	3.0	3.0	2.0	0.0
15	---	---	---	---	---	0.4	3.9	3.0	3.0	3.0	1.7	0.0
16	---	---	---	---	---	0.0	3.7	3.0	3.0	3.0	1.3	0.0
17	---	---	---	---	---	0.0	3.6	3.0	3.0	3.0	1.0	0.0
18	---	---	---	---	---	0.3	3.4	3.0	3.0	3.0	1.0	0.0
19	---	---	---	---	---	0.7	3.3	3.0	3.0	3.0	1.2	0.0
20	---	---	---	---	---	1.0	3.1	3.0	3.0	3.0	1.3	0.0
21	---	---	---	---	---	1.3	3.0	3.0	3.0	3.0	1.5	0.0
22	---	---	---	---	---	1.7	3.0	3.0	3.0	2.5	1.7	0.0
23	---	---	---	---	---	2.0	2.5	3.0	3.0	2.0	1.8	0.0
24	---	---	---	---	---	2.0	2.0	3.0	3.0	1.5	2.0	0.0
25	---	---	---	---	---	2.0	1.5	3.0	3.0	1.0	2.0	0.0
26	---	---	---	---	---	2.0	1.0	3.0	3.0	0.5	1.8	0.0
27	---	---	---	---	---	2.0	0.5	3.0	3.0	0.0	1.7	0.0
28	---	---	---	---	---	2.0	0.0	2.4	3.0	0.0	1.5	0.0
29	---	---	---	---	---	2.0	0.3	1.8	3.0	0.3	1.3	0.0
30	---	---	---	---	---	2.0	0.6	1.2	3.0	0.7	1.2	0.0
31	---	---	---	---	---	---	0.9	---	3.0	1.0	---	0.0
TOTAL						44	71	78	77	73	57	5
MEAN						1.5	2.3	2.6	2.5	2.3	1.9	0.1
MAX						3.0	4.0	3.0	3.0	3.0	3.0	1.0
MIN						0.0	0.0	1.1	0.0	0.0	1.0	0.0
AC-FT						86	141	154	153	144	112	9
IRRIGATION YEAR 1990 TOTAL 403 MEAN 1 AC-FT 799												

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13-NOV-90

13206292 MACE-CATLIN CANAL
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1989 TO OCTOBER 1990
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	---	---	---	---	---	0.0	4.0	4.0	8.9	7.7	5.0	6.0
2	---	---	---	---	---	0.0	4.0	4.0	9.0	7.3	5.0	5.1
3	---	---	---	---	---	0.0	4.0	4.0	9.0	7.0	5.0	4.3
4	---	---	---	---	---	0.0	4.0	4.0	8.8	6.7	5.0	3.4
5	---	---	---	---	---	1.2	4.0	4.7	8.7	6.3	5.3	2.6
6	---	---	---	---	---	2.4	4.0	5.4	8.5	6.0	5.7	1.7
7	---	---	---	---	---	3.6	4.0	6.1	8.3	6.0	6.0	0.9
8	---	---	---	---	---	4.8	4.0	6.9	8.2	6.0	6.3	0.0
9	---	---	---	---	---	6.0	4.8	7.6	8.0	6.0	6.7	0.0
10	---	---	---	---	---	6.3	5.7	8.3	8.0	6.0	7.0	0.0
11	---	---	---	---	---	6.7	6.5	9.0	7.7	6.0	7.0	0.0
12	---	---	---	---	---	7.0	7.3	9.0	7.3	6.0	7.0	0.0
13	---	---	---	---	---	7.4	8.2	8.7	7.0	6.0	7.0	0.0
14	---	---	---	---	---	7.7	9.0	8.3	6.7	6.0	7.0	0.0
15	---	---	---	---	---	8.1	8.7	8.0	6.3	6.0	7.0	0.0
16	---	---	---	---	---	8.4	8.4	7.7	6.0	6.0	7.0	0.0
17	---	---	---	---	---	8.4	8.1	7.3	6.0	6.0	7.0	0.0
18	---	---	---	---	---	8.0	7.9	7.0	6.0	6.0	7.0	0.0
19	---	---	---	---	---	7.6	7.6	7.0	6.0	6.0	7.0	0.0
20	---	---	---	---	---	7.2	7.3	7.2	6.0	6.0	7.0	0.0
21	---	---	---	---	---	6.8	7.0	7.3	6.0	6.0	7.0	0.0
22	---	---	---	---	---	6.4	7.0	7.5	6.0	5.8	7.0	0.0
23	---	---	---	---	---	6.0	6.5	7.7	6.0	5.7	7.0	0.0
24	---	---	---	---	---	6.0	6.0	7.8	6.0	5.5	7.0	0.0
25	---	---	---	---	---	5.7	5.5	8.0	6.3	5.3	7.0	0.0
26	---	---	---	---	---	5.3	5.0	8.1	6.7	5.2	6.8	0.0
27	---	---	---	---	---	5.0	4.5	8.3	7.0	5.0	6.7	0.0
28	---	---	---	---	---	4.7	4.0	8.4	7.3	5.0	6.5	0.0
29	---	---	---	---	---	4.3	4.0	8.6	7.7	5.0	6.3	0.0
30	---	---	---	---	---	4.0	4.0	8.7	8.0	5.0	6.2	0.0
31	---	---	---	---	---	---	4.0	---	8.0	5.0	---	0.0
TOTAL						155	179	215	225	184	195	24
MEAN						5.2	5.8	7.2	7.3	5.9	6.5	0.8
MAX						8.4	9.0	9.0	9.0	7.7	7.0	6.0
MIN						0.0	4.0	4.0	6.0	5.0	5.0	0.0
AC-FT						307	355	426	447	364	386	48
IRRIGATION YEAR 1990						TOTAL	1176	MEAN	3	AC-FT	2332	

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13-NOV-90

13206295 MACE-MACE CANAL
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1989 TO OCTOBER 1990
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	---	---	---	---	---	0.0	0.0	0.0	0.0	3.0	0.0	0.0
2	---	---	---	---	---	0.0	0.0	0.0	0.0	3.0	0.0	0.0
3	---	---	---	---	---	0.0	0.0	0.0	0.0	3.0	0.0	0.0
4	---	---	---	---	---	0.0	0.0	0.0	0.0	3.0	0.0	0.0
5	---	---	---	---	---	0.0	0.0	0.0	0.0	3.0	0.0	0.0
6	---	---	---	---	---	0.0	0.0	0.0	0.0	3.0	0.0	0.0
7	---	---	---	---	---	0.0	0.0	0.0	0.0	3.0	0.0	0.0
8	---	---	---	---	---	0.0	0.0	0.0	0.0	3.0	0.0	0.0
9	---	---	---	---	---	0.0	0.0	0.0	0.0	3.0	0.0	0.0
10	---	---	---	---	---	0.0	0.0	0.0	0.0	3.0	0.0	0.0
11	---	---	---	---	---	0.0	0.0	0.0	0.0	3.0	0.0	0.0
12	---	---	---	---	---	0.0	0.0	0.0	0.0	3.0	0.0	0.0
13	---	---	---	---	---	0.0	0.0	0.0	0.0	2.9	0.0	0.0
14	---	---	---	---	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15	---	---	---	---	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16	---	---	---	---	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17	---	---	---	---	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18	---	---	---	---	---	0.0	0.0	0.0	0.5	0.0	0.0	0.0
19	---	---	---	---	---	0.0	0.0	0.0	1.0	0.0	0.0	0.0
20	---	---	---	---	---	0.0	0.0	0.0	1.5	0.0	0.0	0.0
21	---	---	---	---	---	0.0	0.0	0.0	2.0	0.0	0.0	0.0
22	---	---	---	---	---	0.0	0.0	0.0	2.5	0.0	0.0	0.0
23	---	---	---	---	---	0.0	0.0	0.0	3.0	0.0	0.0	0.0
24	---	---	---	---	---	0.0	0.0	0.0	3.0	0.0	0.0	0.0
25	---	---	---	---	---	0.0	0.0	0.0	3.0	0.0	0.0	0.0
26	---	---	---	---	---	0.0	0.0	0.0	3.0	0.0	0.0	0.0
27	---	---	---	---	---	0.0	0.0	0.0	3.0	0.0	0.0	0.0
28	---	---	---	---	---	0.0	0.0	0.0	3.0	0.0	0.0	0.0
29	---	---	---	---	---	0.0	0.0	0.0	3.0	0.0	0.0	0.0
30	---	---	---	---	---	0.0	0.0	0.0	3.0	0.0	0.0	0.0
31	---	---	---	---	---	---	0.0	---	3.0	0.0	---	0.0
TOTAL						0	0	0	35	39	0	0
MEAN						0.0	0.0	0.0	1.1	1.3	0.0	0.0
MAX						0.0	0.0	0.0	3.0	3.0	0.0	0.0
MIN						0.0	0.0	0.0	0.0	0.0	0.0	0.0
AC-FT						0	0	0	68	77	0	0
IRRIGATION YEAR 1990												
TOTAL				73	MEAN	0	AC-FT	145				

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13-NOV-90

13206308 WROTEN PUMP
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1989 TO OCTOBER 1990
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	---	---	---	---	---	0.0	0.0	0.0	1.0	1.0	0.7	0.0
2	---	---	---	---	---	0.0	0.0	0.0	1.0	1.0	0.8	0.1
3	---	---	---	---	---	0.0	0.0	0.0	1.0	1.0	1.0	0.3
4	---	---	---	---	---	0.0	0.0	0.0	1.0	1.0	1.0	0.4
5	---	---	---	---	---	0.1	0.0	0.0	1.0	1.0	1.0	0.6
6	---	---	---	---	---	0.2	0.0	0.0	1.0	1.0	1.0	0.7
7	---	---	---	---	---	0.3	0.0	0.0	1.0	1.0	0.0	0.9
8	---	---	---	---	---	0.3	0.0	0.0	1.0	1.0	0.0	1.0
9	---	---	---	---	---	0.4	0.2	0.0	1.0	1.0	0.0	0.9
10	---	---	---	---	---	0.5	0.3	0.0	1.0	1.0	0.0	0.7
11	---	---	---	---	---	0.6	0.5	0.0	1.0	1.0	0.0	0.6
12	---	---	---	---	---	0.7	0.7	1.0	1.0	1.0	0.0	0.4
13	---	---	---	---	---	0.8	0.8	1.0	1.0	1.0	0.0	0.3
14	---	---	---	---	---	0.8	1.0	1.0	1.0	0.0	0.0	0.1
15	---	---	---	---	---	0.9	0.9	1.0	1.0	0.0	0.0	0.0
16	---	---	---	---	---	1.0	0.7	1.0	1.0	0.0	0.0	0.0
17	---	---	---	---	---	1.0	0.6	1.0	1.0	0.0	0.0	0.0
18	---	---	---	---	---	1.0	0.4	1.0	1.0	0.0	0.0	0.0
19	---	---	---	---	---	1.0	0.3	1.0	1.0	0.0	0.0	0.0
20	---	---	---	---	---	1.0	0.1	1.0	1.0	0.0	0.0	0.0
21	---	---	---	---	---	1.0	0.0	1.0	1.0	0.0	0.0	0.0
22	---	---	---	---	---	1.0	0.0	1.0	1.0	0.0	1.0	0.0
23	---	---	---	---	---	1.0	0.0	1.0	1.0	0.0	1.0	0.0
24	---	---	---	---	---	1.0	0.0	1.0	1.0	0.0	1.0	0.0
25	---	---	---	---	---	0.0	0.0	1.0	1.0	0.0	1.0	0.0
26	---	---	---	---	---	1.0	0.0	1.0	1.0	0.0	0.8	0.0
27	---	---	---	---	---	1.0	0.0	1.0	1.0	0.0	0.7	0.0
28	---	---	---	---	---	1.0	0.0	1.0	1.0	0.0	0.5	0.0
29	---	---	---	---	---	0.0	0.0	1.0	1.0	0.2	0.3	0.0
30	---	---	---	---	---	0.0	0.0	1.0	1.0	0.3	0.2	0.0
31	---	---	---	---	---	---	0.0	---	1.0	0.5	---	0.0
TOTAL						18	7	19	31	14	12	7
MEAN						0.6	0.2	0.6	1.0	0.5	0.4	0.2
MAX						1.0	1.0	1.0	1.0	1.0	1.0	1.0
MIN						0.0	0.0	0.0	1.0	0.0	0.0	0.0
AC-FT						35	13	38	61	28	24	14
IRRIGATION YEAR 1990						TOTAL	107	MEAN	0	AC-FT	212	

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11-FEB-91

13208450 HART-DAVIS CANAL
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1989 TO OCTOBER 1990
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	---	---	---	---	---	0.0	9.0	9.0	8.9	9.0	8.0	9.0
2	---	---	---	---	---	0.0	9.0	9.0	9.0	9.0	8.0	9.0
3	---	---	---	---	---	0.0	9.0	9.0	9.0	9.0	8.0	9.0
4	---	---	---	---	---	0.0	9.0	9.0	9.0	9.0	8.0	9.0
5	---	---	---	---	---	1.8	9.0	8.9	9.0	9.0	8.2	9.0
6	---	---	---	---	---	3.6	9.0	8.7	9.0	9.0	8.3	9.0
7	---	---	---	---	---	5.4	9.0	8.6	9.0	9.0	8.5	9.0
8	---	---	---	---	---	7.2	9.0	8.4	9.0	9.0	8.7	9.0
9	---	---	---	---	---	9.0	9.0	8.3	9.0	9.0	8.8	7.7
10	---	---	---	---	---	9.0	9.0	8.1	9.0	9.0	9.0	6.4
11	---	---	---	---	---	9.0	9.0	8.0	9.0	9.0	9.0	5.1
12	---	---	---	---	---	9.0	9.0	8.0	9.0	9.0	9.0	3.9
13	---	---	---	---	---	9.0	9.0	8.0	9.0	9.0	9.0	2.6
14	---	---	---	---	---	9.0	9.0	8.0	9.0	9.0	9.0	1.3
15	---	---	---	---	---	9.0	9.0	8.0	9.0	8.8	9.0	0.0
16	---	---	---	---	---	9.0	9.0	8.0	9.0	8.7	9.0	0.0
17	---	---	---	---	---	9.0	9.0	8.0	9.0	8.5	9.0	0.0
18	---	---	---	---	---	9.0	9.0	8.0	9.0	8.3	9.0	0.0
19	---	---	---	---	---	9.0	9.0	9.0	9.0	8.2	9.0	0.0
20	---	---	---	---	---	9.0	9.0	8.8	9.0	8.0	9.0	0.0
21	---	---	---	---	---	9.0	9.0	8.7	9.0	8.0	9.0	0.0
22	---	---	---	---	---	9.0	9.0	8.5	9.0	8.0	9.0	0.0
23	---	---	---	---	---	9.0	9.0	8.3	9.0	8.0	9.0	0.0
24	---	---	---	---	---	9.0	9.0	8.2	9.0	8.0	9.0	0.0
25	---	---	---	---	---	9.0	9.0	8.0	9.0	8.0	9.0	0.0
26	---	---	---	---	---	9.0	9.0	8.1	9.0	8.0	9.0	0.0
27	---	---	---	---	---	9.0	9.0	8.3	9.0	8.0	9.0	0.0
28	---	---	---	---	---	9.0	9.0	8.4	9.0	8.0	9.0	0.0
29	---	---	---	---	---	9.0	9.0	8.6	9.0	8.0	9.0	0.0
30	---	---	---	---	---	9.0	9.0	8.7	9.0	8.0	9.0	0.0
31	---	---	---	---	---	---	9.0	---	9.0	8.0	---	0.0
TOTAL						216	279	253	279	265	264	99
MEAN						7.2	9.0	8.4	9.0	8.5	8.8	3.2
MAX						9.0	9.0	9.0	9.0	9.0	9.0	9.0
MIN						0.0	9.0	8.0	8.9	8.0	8.0	0.0
AC-FT						428	553	501	553	525	523	196
IRRIGATION YEAR 1990												
TOTAL				1654	MEAN	5	AC-FT	3279				

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13-NOV-90

13208710 MIDDLETON CANAL
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1989 TO OCTOBER 1990
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	---	---	---	---	---	0.0	94	69	123	106	104	92
2	---	---	---	---	---	0.0	97	75	117	106	101	91
3	---	---	---	---	---	0.0	101	81	110	105	99	90
4	---	---	---	---	---	55	104	87	110	105	96	90
5	---	---	---	---	---	68	108	93	108	104	96	89
6	---	---	---	---	---	81	111	96	105	104	98	89
7	---	---	---	---	---	94	115	100	103	103	100	88
8	---	---	---	---	---	106	118	103	107	103	102	88
9	---	---	---	---	---	119	118	106	110	105	101	87
10	---	---	---	---	---	132	120	109	115	106	100	85
11	---	---	---	---	---	133	123	113	115	108	99	82
12	---	---	---	---	---	135	125	116	114	109	99	80
13	---	---	---	---	---	136	127	116	113	111	98	77
14	---	---	---	---	---	137	130	114	112	112	98	75
15	---	---	---	---	---	138	132	113	110	112	97	72
16	---	---	---	---	---	140	130	111	109	95	96	60
17	---	---	---	---	---	141	128	109	108	94	94	57
18	---	---	---	---	---	141	126	108	108	94	93	54
19	---	---	---	---	---	134	125	106	108	93	93	51
20	---	---	---	---	---	127	123	106	107	93	94	49
21	---	---	---	---	---	120	121	114	107	92	95	46
22	---	---	---	---	---	112	119	123	106	92	96	43
23	---	---	---	---	---	105	119	131	106	91	96	40
24	---	---	---	---	---	98	110	139	105	91	97	37
25	---	---	---	---	---	98	101	148	105	90	98	34
26	---	---	---	---	---	97	92	156	102	89	98	31
27	---	---	---	---	---	97	84	149	98	101	97	29
28	---	---	---	---	---	96	75	143	95	112	96	26
29	---	---	---	---	---	95	66	136	99	112	95	23
30	---	---	---	---	---	95	57	130	102	109	93	20
31	---	---	---	---	---	---	63	---	106	107	---	0.0
TOTAL						3029	3362	3400	3340	3150	2918	1874
MEAN						101	108	113	108	102	97	60
MAX						141	132	156	123	112	104	92
MIN						0.0	57	69	95	89	93	0.0
AC-FT						6008	6669	6744	6625	6248	5787	3716
IRRIGATION YEAR 1990						TOTAL	21073	MEAN	58	AC-FT	41798	

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13-NOV-90

13208738 BARBER PUMPS
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1989 TO OCTOBER 1990
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	---	---	---	---	---	0.0	0.7	0.0	0.7	0.0	0.7	0.7
2	---	---	---	---	---	0.0	0.7	0.0	0.7	0.7	0.7	0.0
3	---	---	---	---	---	0.0	0.7	0.0	0.0	0.7	0.7	0.0
4	---	---	---	---	---	0.0	0.7	0.0	0.0	0.7	0.0	0.7
5	---	---	---	---	---	0.0	0.7	0.0	0.7	0.7	0.0	0.7
6	---	---	---	---	---	0.0	0.0	0.0	0.7	0.7	0.7	0.7
7	---	---	---	---	---	0.0	0.0	0.7	0.7	0.0	0.7	0.7
8	---	---	---	---	---	0.0	0.7	0.7	0.7	0.0	0.7	0.7
9	---	---	---	---	---	0.7	0.7	0.7	0.7	0.7	0.7	0.0
10	---	---	---	---	---	0.7	0.7	0.7	0.0	0.7	0.7	0.0
11	---	---	---	---	---	0.7	0.7	0.7	0.0	0.7	0.0	0.0
12	---	---	---	---	---	0.7	0.7	0.0	0.7	0.7	0.0	0.0
13	---	---	---	---	---	0.7	0.0	0.0	0.7	0.7	0.7	0.0
14	---	---	---	---	---	0.0	0.0	0.7	0.7	0.0	0.7	0.0
15	---	---	---	---	---	0.0	0.7	0.7	0.7	0.0	0.7	0.0
16	---	---	---	---	---	0.7	0.7	0.7	0.7	0.7	0.7	0.0
17	---	---	---	---	---	0.7	0.7	0.7	0.7	0.7	0.7	0.0
18	---	---	---	---	---	0.7	0.7	0.7	0.0	0.7	0.0	0.0
19	---	---	---	---	---	0.7	0.7	0.0	0.0	0.7	0.0	0.0
20	---	---	---	---	---	0.0	0.0	0.0	0.7	0.7	0.7	0.0
21	---	---	---	---	---	0.0	0.0	0.7	0.7	0.0	0.7	0.0
22	---	---	---	---	---	0.0	0.7	0.7	0.7	0.0	0.7	0.0
23	---	---	---	---	---	0.0	0.7	0.7	0.7	0.7	0.7	0.0
24	---	---	---	---	---	0.7	0.7	0.7	0.0	0.7	0.7	0.0
25	---	---	---	---	---	0.7	0.7	0.7	0.0	0.7	0.0	0.0
26	---	---	---	---	---	0.7	0.7	0.0	0.7	0.7	0.0	0.0
27	---	---	---	---	---	0.7	0.0	0.0	0.7	0.7	0.7	0.0
28	---	---	---	---	---	0.7	0.0	0.7	0.7	0.0	0.7	0.0
29	---	---	---	---	---	0.0	0.0	0.7	0.7	0.0	0.7	0.0
30	---	---	---	---	---	0.0	0.0	0.7	0.7	0.7	0.7	0.0
31	---	---	---	---	---	---	0.0	---	0.0	0.7	---	0.0
TOTAL						10	14	13	15	15	15	4
MEAN						0.3	0.5	0.4	0.5	0.5	0.5	0.1
MAX						0.7	0.7	0.7	0.7	0.7	0.7	0.7
MIN						0.0	0.0	0.0	0.0	0.0	0.0	0.0
AC-FT						19	28	25	31	31	31	8
IRRIGATION YEAR 1990			TOTAL	87	MEAN	0	AC-FT	172				

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13-NOV-90

13208740 SEVEN SUCKERS CANAL
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1989 TO OCTOBER 1990
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	1.2
2	---	---	---	---	---	0.0	1.2	1.2	1.2	1.2	1.2	1.0
3	---	---	---	---	---	0.0	1.2	1.2	1.2	1.2	1.2	0.9
4	---	---	---	---	---	0.0	1.2	1.2	1.2	1.2	1.2	0.7
5	---	---	---	---	---	0.2	1.2	1.2	1.2	1.2	1.2	0.5
6	---	---	---	---	---	0.5	1.2	1.2	1.2	1.2	1.2	0.3
7	---	---	---	---	---	0.7	1.2	1.2	1.2	1.2	1.2	0.2
8	---	---	---	---	---	1.0	1.2	1.2	1.2	1.2	1.2	0.0
9	---	---	---	---	---	1.2	1.2	1.2	1.2	1.2	1.2	0.0
10	---	---	---	---	---	1.2	1.2	1.2	1.2	1.2	1.2	0.0
11	---	---	---	---	---	1.2	1.2	1.2	1.2	1.2	1.2	0.0
12	---	---	---	---	---	1.2	1.2	1.2	1.2	1.2	1.2	0.0
13	---	---	---	---	---	1.2	1.2	1.2	1.2	1.2	1.2	0.0
14	---	---	---	---	---	1.2	1.2	1.2	1.2	1.2	1.2	0.0
15	---	---	---	---	---	1.2	1.2	1.2	1.2	1.2	1.2	0.0
16	---	---	---	---	---	1.2	1.2	1.2	1.2	1.2	1.2	0.0
17	---	---	---	---	---	1.2	1.2	1.2	1.2	1.2	1.2	0.0
18	---	---	---	---	---	1.2	1.2	1.2	1.2	1.2	1.2	0.0
19	---	---	---	---	---	1.2	1.2	1.2	1.2	1.2	1.2	0.0
20	---	---	---	---	---	1.2	1.2	1.2	1.2	1.2	1.2	0.0
21	---	---	---	---	---	1.2	1.2	1.2	1.2	1.2	1.2	0.0
22	---	---	---	---	---	1.2	1.2	1.2	1.2	1.2	1.2	0.0
23	---	---	---	---	---	1.2	1.2	1.2	1.2	1.2	1.2	0.0
24	---	---	---	---	---	1.2	1.2	1.2	1.2	1.2	1.2	0.0
25	---	---	---	---	---	1.2	1.2	1.2	1.2	1.2	1.2	0.0
26	---	---	---	---	---	1.2	1.2	1.2	1.2	1.2	1.2	0.0
27	---	---	---	---	---	1.2	1.2	1.2	1.2	1.2	1.2	0.0
28	---	---	---	---	---	1.2	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	---	0.0
TOTAL						29	37	36	37	37	36	5
MEAN						1.0	1.2	1.2	1.2	1.2	1.2	0.2
MAX						1.2	1.2	1.2	1.2	1.2	1.2	1.2
MIN						0.0	1.2	1.2	1.2	1.2	1.2	0.0
AC-FT						57	74	71	74	74	71	10
IRRIGATION YEAR 1990						TOTAL	217	MEAN	1	AC-FT	430	

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13-NOV-90

13209480 PHYLLIS CANAL
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1989 TO OCTOBER 1990
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	---	---	---	---	---	0.0	323	328	433	391	280	97
2	---	---	---	---	---	0.0	335	327	435	397	281	97
3	---	---	---	---	---	0.0	348	326	437	404	281	97
4	---	---	---	---	---	100	360	325	437	410	282	97
5	---	---	---	---	---	143	372	324	435	416	282	96
6	---	---	---	---	---	187	384	345	415	423	279	96
7	---	---	---	---	---	230	397	367	416	429	277	96
8	---	---	---	---	---	273	409	388	417	429	274	96
9	---	---	---	---	---	317	431	410	417	426	269	96
10	---	---	---	---	---	360	432	431	418	423	264	95
11	---	---	---	---	---	371	433	453	418	421	259	95
12	---	---	---	---	---	383	434	474	420	418	259	95
13	---	---	---	---	---	394	435	474	421	415	259	24
14	---	---	---	---	---	405	436	468	423	412	260	0.0
15	---	---	---	---	---	416	418	461	424	412	260	0.0
16	---	---	---	---	---	428	404	455	426	411	260	0.0
17	---	---	---	---	---	439	405	448	427	409	248	0.0
18	---	---	---	---	---	439	407	442	427	392	249	0.0
19	---	---	---	---	---	436	408	435	426	376	249	0.0
20	---	---	---	---	---	432	410	429	424	359	249	0.0
21	---	---	---	---	---	429	411	422	423	342	248	0.0
22	---	---	---	---	---	425	388	422	421	342	248	0.0
23	---	---	---	---	---	422	388	423	420	331	248	0.0
24	---	---	---	---	---	418	390	423	418	321	247	0.0
25	---	---	---	---	---	418	392	424	418	310	247	0.0
26	---	---	---	---	---	402	394	425	414	299	249	0.0
27	---	---	---	---	---	386	396	425	409	289	243	0.0
28	---	---	---	---	---	371	332	426	405	278	236	0.0
29	---	---	---	---	---	355	331	428	400	278	230	0.0
30	---	---	---	---	---	339	330	430	396	279	223	0.0
31	---	---	---	---	---	---	329	---	391	279	---	0.0
TOTAL						9716	12062	12357	13006	11520	7739	1176
MEAN						324	389	412	420	372	258	38
MAX						439	436	474	437	429	282	97
MIN						0.0	323	324	391	278	223	0.0
AC-FT						19272	23925	24509	25796	22849	15350	2333
IRRIGATION YEAR 1990	TOTAL			67574	MEAN	185	AC-FT	134033				

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13-NOV-90

13209482 EUREKA #1 CANAL (INCLUDED IN PHYLIS)
 DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1989 TO OCTOBER 1990
 MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	---	---	---	---	---	0.0	24	30	32	27	19	19
2	---	---	---	---	---	0.0	24	31	32	27	19	19
3	---	---	---	---	---	0.0	24	31	33	27	19	19
4	---	---	---	---	---	7.0	24	31	33	27	19	19
5	---	---	---	---	---	9.8	24	31	32	27	19	19
6	---	---	---	---	---	13	24	31	31	27	19	19
7	---	---	---	---	---	16	24	31	30	27	19	19
8	---	---	---	---	---	18	24	31	29	27	19	19
9	---	---	---	---	---	21	24	32	28	27	19	19
10	---	---	---	---	---	24	24	32	28	27	19	19
11	---	---	---	---	---	23	24	32	28	27	19	19
12	---	---	---	---	---	22	25	32	28	27	19	6.0
13	---	---	---	---	---	21	25	32	28	27	19	0.0
14	---	---	---	---	---	19	25	32	28	27	19	0.0
15	---	---	---	---	---	18	25	32	28	27	19	0.0
16	---	---	---	---	---	17	26	32	28	27	19	0.0
17	---	---	---	---	---	16	27	32	28	27	19	0.0
18	---	---	---	---	---	16	28	32	27	27	19	0.0
19	---	---	---	---	---	17	29	32	27	27	19	0.0
20	---	---	---	---	---	19	30	32	27	27	19	0.0
21	---	---	---	---	---	20	31	32	27	27	19	0.0
22	---	---	---	---	---	21	32	32	27	27	19	0.0
23	---	---	---	---	---	23	32	32	27	27	19	0.0
24	---	---	---	---	---	24	32	31	27	27	19	0.0
25	---	---	---	---	---	24	31	31	27	27	19	0.0
26	---	---	---	---	---	24	31	31	27	27	19	0.0
27	---	---	---	---	---	24	31	31	27	27	19	0.0
28	---	---	---	---	---	24	30	31	27	27	19	0.0
29	---	---	---	---	---	24	30	32	27	27	19	0.0
30	---	---	---	---	---	24	30	32	27	27	19	0.0
31	---	---	---	---	---	---	30	---	27	27	---	0.0
TOTAL						529	844	946	877	837	570	215
MEAN						18	27	32	28	27	19	6.9
MAX						24	32	32	33	27	19	19
MIN						0.0	24	30	27	27	19	0.0
AC-FT						1048	1674	1876	1740	1660	1131	426
IRRIGATION YEAR 1990												
		TOTAL		4818	MEAN	13	AC-FT	9555				

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13209630 LITTLE PIONEER CANAL
 DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1989 TO OCTOBER 1990
 MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	---	---	---	---	---	0.0	22	24	27	27	22	20
2	---	---	---	---	---	10	23	24	28	27	21	20
3	---	---	---	---	---	12	23	24	28	26	21	19
4	---	---	---	---	---	14	24	25	28	26	21	19
5	---	---	---	---	---	16	24	25	28	26	21	18
6	---	---	---	---	---	19	25	25	28	25	22	18
7	---	---	---	---	---	21	25	26	28	25	22	17
8	---	---	---	---	---	23	26	26	27	25	23	17
9	---	---	---	---	---	25	26	27	27	25	23	16
10	---	---	---	---	---	27	26	27	27	25	24	15
11	---	---	---	---	---	26	25	28	27	25	24	14
12	---	---	---	---	---	24	25	28	29	25	24	13
13	---	---	---	---	---	23	25	28	31	25	24	11
14	---	---	---	---	---	22	24	28	33	25	23	10
15	---	---	---	---	---	21	24	28	35	25	23	9.0
16	---	---	---	---	---	19	24	28	37	25	23	8.4
17	---	---	---	---	---	18	24	28	39	24	22	7.9
18	---	---	---	---	---	18	24	28	39	24	22	7.3
19	---	---	---	---	---	19	25	28	39	23	22	6.8
20	---	---	---	---	---	20	25	28	38	23	22	6.2
21	---	---	---	---	---	22	25	28	38	23	21	5.6
22	---	---	---	---	---	23	25	27	37	23	21	5.1
23	---	---	---	---	---	24	25	27	37	23	21	4.5
24	---	---	---	---	---	25	25	26	36	23	20	3.9
25	---	---	---	---	---	25	24	26	36	23	20	3.4
26	---	---	---	---	---	25	24	25	35	22	20	2.8
27	---	---	---	---	---	24	24	25	33	22	20	2.3
28	---	---	---	---	---	24	23	26	32	22	20	1.7
29	---	---	---	---	---	23	23	26	30	22	20	1.1
30	---	---	---	---	---	23	23	27	29	22	20	0.6
31	---	---	---	---	---	---	24	---	27	22	---	0.0
TOTAL						613	754	795	989	747	651	303
MEAN						20	24	26	32	24	22	9.8
MAX						27	26	28	39	27	24	20
MIN						0.0	22	24	27	22	20	0.0
AC-FT						1215	1495	1577	1962	1482	1290	601
IRRIGATION YEAR 1990			TOTAL	4851	MEAN	13	AC-FT	9622				

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13209990 CANYON COUNTY CANAL
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1989 TO OCTOBER 1990
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	---	---	---	---	---	0.0	53	64	56	60	41	50
2	---	---	---	---	---	19	51	67	60	61	42	51
3	---	---	---	---	---	24	49	70	64	63	43	50
4	---	---	---	---	---	28	48	72	64	64	44	50
5	---	---	---	---	---	33	46	75	63	65	44	49
6	---	---	---	---	---	38	44	76	62	63	47	49
7	---	---	---	---	---	42	42	76	61	61	50	48
8	---	---	---	---	---	47	47	77	59	61	53	48
9	---	---	---	---	---	51	47	77	58	59	56	47
10	---	---	---	---	---	56	52	78	57	57	59	41
11	---	---	---	---	---	57	57	78	57	55	62	35
12	---	---	---	---	---	57	62	79	58	53	62	29
13	---	---	---	---	---	58	67	79	59	60	63	23
14	---	---	---	---	---	59	65	77	60	67	64	17
15	---	---	---	---	---	60	62	75	60	67	65	11
16	---	---	---	---	---	60	61	73	61	68	64	5.0
17	---	---	---	---	---	61	61	71	62	70	63	0.0
18	---	---	---	---	---	61	60	69	62	71	51	0.0
19	---	---	---	---	---	63	60	67	63	67	53	0.0
20	---	---	---	---	---	65	59	67	64	62	56	0.0
21	---	---	---	---	---	68	59	65	65	58	54	0.0
22	---	---	---	---	---	70	58	63	66	54	51	0.0
23	---	---	---	---	---	72	58	60	67	53	49	0.0
24	---	---	---	---	---	72	62	58	68	51	46	0.0
25	---	---	---	---	---	69	66	61	68	50	44	0.0
26	---	---	---	---	---	67	69	63	67	49	44	0.0
27	---	---	---	---	---	64	73	60	65	47	45	0.0
28	---	---	---	---	---	61	65	58	64	46	46	0.0
29	---	---	---	---	---	58	56	55	63	46	48	0.0
30	---	---	---	---	---	56	59	52	61	44	49	0.0
31	---	---	---	---	---	---	61	---	60	43	---	0.0
TOTAL						1596	1777	2061	1923	1795	1558	603
MEAN						53	57	69	62	58	52	19
MAX						72	73	79	68	71	65	51
MIN						0.0	42	52	56	43	41	0.0
AC-FT						3165	3525	4087	3814	3560	3090	1196
IRRIGATION YEAR 1990												
TOTAL			11312	MEAN	31	AC-FT	22436					

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13-NOV-90

13210005 CALDWELL HIGHLINE CANAL
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1989 TO OCTOBER 1990
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	---	---	---	---	---	0.0	38	35	40	36	28	24
2	---	---	---	---	---	0.0	38	35	39	36	29	24
3	---	---	---	---	---	0.0	38	34	39	36	29	24
4	---	---	---	---	---	12	38	34	39	36	29	24
5	---	---	---	---	---	17	38	34	39	37	29	23
6	---	---	---	---	---	22	38	34	38	37	29	23
7	---	---	---	---	---	26	38	35	38	37	28	23
8	---	---	---	---	---	31	38	35	38	37	28	23
9	---	---	---	---	---	36	39	36	37	37	27	22
10	---	---	---	---	---	41	39	36	37	37	27	22
11	---	---	---	---	---	41	38	37	37	37	26	22
12	---	---	---	---	---	41	38	37	38	37	26	7.0
13	---	---	---	---	---	41	38	37	39	37	27	0.0
14	---	---	---	---	---	41	38	37	40	37	27	0.0
15	---	---	---	---	---	41	37	37	40	37	28	0.0
16	---	---	---	---	---	41	37	38	41	35	28	0.0
17	---	---	---	---	---	41	38	38	42	34	29	0.0
18	---	---	---	---	---	41	39	38	42	32	29	0.0
19	---	---	---	---	---	41	40	38	41	31	29	0.0
20	---	---	---	---	---	41	40	38	39	29	28	0.0
21	---	---	---	---	---	41	41	39	38	28	28	0.0
22	---	---	---	---	---	42	42	39	37	28	27	0.0
23	---	---	---	---	---	42	42	40	35	28	26	0.0
24	---	---	---	---	---	42	41	41	34	28	26	0.0
25	---	---	---	---	---	42	40	41	34	28	25	0.0
26	---	---	---	---	---	41	39	42	34	28	25	0.0
27	---	---	---	---	---	41	38	42	35	28	25	0.0
28	---	---	---	---	---	40	37	41	35	28	25	0.0
29	---	---	---	---	---	39	36	41	35	28	25	0.0
30	---	---	---	---	---	39	36	40	35	28	24	0.0
31	---	---	---	---	---	---	35	---	36	28	---	0.0
TOTAL						998	1193	1127	1170	1015	812	261
MEAN						33	38	38	38	33	27	8.4
MAX						42	42	42	42	37	29	24
MIN						0.0	35	34	34	28	24	0.0
AC-FT						1980	2366	2235	2321	2012	1610	518
IRRIGATION YEAR 1990												
TOTAL			6576		MEAN	18	AC-FT	13042				

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13210984 RIVERSIDE CANAL
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1989 TO OCTOBER 1990
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	---	---	---	---	---	198	214	226	234	217	208	208
2	---	---	---	---	---	196	215	225	233	218	207	206
3	---	---	---	---	---	195	216	224	232	219	207	205
4	---	---	---	---	---	198	217	224	232	220	206	203
5	---	---	---	---	---	201	218	223	230	221	206	202
6	---	---	---	---	---	204	219	225	228	222	209	201
7	---	---	---	---	---	206	220	226	227	223	211	200
8	---	---	---	---	---	209	221	228	225	223	214	198
9	---	---	---	---	---	212	221	229	223	222	216	197
10	---	---	---	---	---	215	218	231	221	222	219	193
11	---	---	---	---	---	211	215	232	221	221	210	189
12	---	---	---	---	---	208	212	234	220	220	210	185
13	---	---	---	---	---	204	209	234	219	220	214	181
14	---	---	---	---	---	200	206	233	218	219	219	176
15	---	---	---	---	---	196	203	233	217	219	223	172
16	---	---	---	---	---	193	207	232	216	217	227	168
17	---	---	---	---	---	189	211	231	215	215	221	164
18	---	---	---	---	---	185	215	231	215	213	215	160
19	---	---	---	---	100	185	219	230	218	211	215	40
20	---	---	---	---	147	191	223	230	222	209	216	0.0
21	---	---	---	---	194	198	227	232	225	207	217	0.0
22	---	---	---	---	198	204	231	233	228	207	218	0.0
23	---	---	---	---	201	211	231	235	232	212	218	0.0
24	---	---	---	---	205	217	231	236	235	218	219	0.0
25	---	---	---	---	208	217	230	238	235	223	220	0.0
26	---	---	---	---	207	217	230	239	232	218	220	0.0
27	---	---	---	---	205	216	229	238	229	214	218	0.0
28	---	---	---	---	204	216	229	237	226	209	215	0.0
29	---	---	---	---	202	215	228	236	223	209	213	0.0
30	---	---	---	---	201	215	227	235	220	209	211	0.0
31	---	---	---	---	199	---	227	---	217	208	---	0.0
TOTAL					2470	6120	6817	6939	6968	6705	6440	3448
MEAN					190	204	220	231	225	216	215	111
MAX					208	217	231	239	235	223	227	208
MIN					100	185	203	223	215	207	206	0.0
AC-FT					4899	12139	13522	13763	13820	13298	12773	6840
IRRIGATION YEAR 1990					TOTAL	45906	MEAN	126	AC-FT	91054		

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13210992 SEBREE CANAL
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1989 TO OCTOBER 1990
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	---	---	---	---	---	0.0	131	212	298	275	225	170
2	---	---	---	---	---	60	154	220	299	273	221	166
3	---	---	---	---	---	84	177	227	301	272	216	161
4	---	---	---	---	---	108	200	235	310	270	212	160
5	---	---	---	---	---	132	223	243	309	268	212	159
6	---	---	---	---	---	157	246	248	308	267	212	158
7	---	---	---	---	---	181	269	252	307	265	212	157
8	---	---	---	---	---	205	292	257	306	265	212	156
9	---	---	---	---	---	229	292	261	305	264	209	155
10	---	---	---	---	---	253	284	266	304	263	205	154
11	---	---	---	---	---	251	275	270	304	261	202	153
12	---	---	---	---	---	249	267	275	303	260	202	152
13	---	---	---	---	---	247	258	275	303	259	201	151
14	---	---	---	---	---	246	250	271	302	261	199	150
15	---	---	---	---	---	244	241	267	301	261	198	38
16	---	---	---	---	---	242	242	263	301	267	196	0.0
17	---	---	---	---	---	240	244	258	300	273	195	0.0
18	---	---	---	---	---	238	245	254	300	264	193	0.0
19	---	---	---	---	---	238	247	250	295	255	193	0.0
20	---	---	---	---	---	224	248	250	289	245	190	0.0
21	---	---	---	---	---	210	250	257	284	236	188	0.0
22	---	---	---	---	---	196	251	263	278	236	185	0.0
23	---	---	---	---	---	182	251	270	273	233	182	0.0
24	---	---	---	---	---	168	248	276	267	230	188	0.0
25	---	---	---	---	---	168	245	283	267	227	194	0.0
26	---	---	---	---	---	162	242	289	268	224	194	0.0
27	---	---	---	---	---	156	239	291	270	221	189	0.0
28	---	---	---	---	---	150	236	292	271	218	185	0.0
29	---	---	---	---	---	143	216	294	272	218	180	0.0
30	---	---	---	---	---	137	196	296	274	220	175	0.0
31	---	---	---	---	---	---	204	---	275	223	---	0.0
TOTAL						5499	7361	7863	9042	7774	5963	2240
MEAN						183	237	262	292	251	199	72
MAX						253	292	296	310	275	225	170
MIN						0.0	131	212	267	218	175	0.0
AC-FT						10907	14601	15596	17936	15419	11828	4443

IRRIGATION YEAR 1990 TOTAL 45742 MEAN 125 AC-FT 90729

13-NOV-90

13210993 CAMPBELL CANAL
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1989 TO OCTOBER 1990
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	---	---	---	---	---	0.0	7.0	21	29	20	21	18
2	---	---	---	---	---	0.0	8.1	22	30	21	22	17
3	---	---	---	---	---	0.0	9.3	23	30	21	22	17
4	---	---	---	---	---	0.0	10	24	30	22	23	16
5	---	---	---	---	---	3.5	12	26	29	23	23	16
6	---	---	---	---	---	7.0	13	27	29	23	23	15
7	---	---	---	---	---	11	14	26	28	24	22	15
8	---	---	---	---	---	14	15	25	27	24	22	14
9	---	---	---	---	---	18	15	24	27	24	21	14
10	---	---	---	---	---	21	16	23	26	23	21	14
11	---	---	---	---	---	22	17	22	26	23	20	14
12	---	---	---	---	---	22	19	21	26	22	20	14
13	---	---	---	---	---	23	20	21	25	22	20	14
14	---	---	---	---	---	24	21	22	25	21	19	14
15	---	---	---	---	---	24	22	22	24	21	19	5.0
16	---	---	---	---	---	25	22	23	24	21	19	0.0
17	---	---	---	---	---	25	23	24	23	21	18	0.0
18	---	---	---	---	---	26	23	24	23	22	18	0.0
19	---	---	---	---	---	26	24	25	23	22	18	0.0
20	---	---	---	---	---	25	24	25	24	22	19	0.0
21	---	---	---	---	---	25	25	26	24	22	19	0.0
22	---	---	---	---	---	24	25	26	24	22	20	0.0
23	---	---	---	---	---	24	25	27	25	22	20	0.0
24	---	---	---	---	---	23	24	27	25	21	21	0.0
25	---	---	---	---	---	23	23	28	25	21	21	0.0
26	---	---	---	---	---	20	22	28	24	20	21	0.0
27	---	---	---	---	---	18	21	28	23	20	20	0.0
28	---	---	---	---	---	15	20	29	23	19	20	0.0
29	---	---	---	---	---	12	19	29	22	19	19	0.0
30	---	---	---	---	---	9.7	18	29	21	20	18	0.0
31	---	---	---	---	---	---	19	---	20	20	---	0.0
TOTAL						509	575	745	782	665	606	217
MEAN						17	19	25	25	21	20	7.0
MAX						26	25	29	30	24	23	18
MIN						0.0	7.0	21	20	19	18	0.0
AC-FT						1010	1140	1478	1551	1318	1203	430
IRRIGATION YEAR 1990												
TOTAL			4099	MEAN	11	AC-FT	8129					

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13-NOV-90

13210994 SIEBENBERG CANAL
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1989 TO OCTOBER 1990
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	---	---	---	---	---	0.0	5.8	6.1	6.6	10	9.0	7.0
2	---	---	---	---	---	0.0	5.0	6.7	6.7	10	9.0	7.0
3	---	---	---	---	---	0.0	5.3	7.3	6.9	10	9.0	7.0
4	---	---	---	---	---	0.0	5.6	7.9	7.0	10	9.0	7.0
5	---	---	---	---	---	1.3	5.9	8.4	7.0	10	9.0	7.0
6	---	---	---	---	---	2.6	6.1	9.0	7.0	10	9.0	7.0
7	---	---	---	---	---	3.9	6.4	9.3	7.0	10	8.7	7.0
8	---	---	---	---	---	5.1	6.7	9.6	7.0	10	8.3	7.0
9	---	---	---	---	---	6.4	7.0	9.9	7.0	10	8.0	7.0
10	---	---	---	---	---	7.7	7.0	10	7.0	9.7	7.7	6.9
11	---	---	---	---	---	9.0	7.6	10	7.0	9.3	7.3	6.9
12	---	---	---	---	---	9.1	8.2	11	7.0	9.0	7.0	6.9
13	---	---	---	---	---	9.3	8.8	11	7.3	8.7	7.0	6.9
14	---	---	---	---	---	9.4	9.4	11	7.7	8.3	7.0	6.9
15	---	---	---	---	---	9.6	10	11	8.0	8.0	7.0	6.9
16	---	---	---	---	---	9.7	10	11	8.3	8.0	7.0	6.9
17	---	---	---	---	---	9.9	10	11	8.7	8.0	7.0	6.9
18	---	---	---	---	---	10	10	10	9.0	8.0	7.0	6.9
19	---	---	---	---	---	10	11	10	9.0	8.0	7.0	6.9
20	---	---	---	---	---	10	11	10	9.0	8.0	7.0	6.9
21	---	---	---	---	---	10	11	10	9.0	8.0	7.3	6.9
22	---	---	---	---	---	10	11	9.3	9.0	8.0	7.7	6.9
23	---	---	---	---	---	10	11	8.7	9.0	8.0	8.0	6.9
24	---	---	---	---	---	10	11	8.0	9.0	8.2	8.3	6.9
25	---	---	---	---	---	10	10	7.3	9.0	8.3	8.7	6.9
26	---	---	---	---	---	10	9.0	6.7	9.0	8.5	9.0	6.9
27	---	---	---	---	---	9.2	8.0	6.0	9.2	8.7	9.0	6.9
28	---	---	---	---	---	8.3	7.0	6.1	9.3	8.8	8.5	6.8
29	---	---	---	---	---	7.5	6.0	6.3	9.5	9.0	8.0	6.8
30	---	---	---	---	---	6.7	5.0	6.4	9.7	9.0	7.5	6.8
31	---	---	---	---	---	---	5.6	---	9.8	9.0	---	6.8
TOTAL						215	251	265	252	277	239	214
MEAN						7.2	8.1	8.8	8.1	8.9	8.0	6.9
MAX						10	11	11	9.8	10	9.0	7.0
MIN						0.0	5.0	6.0	6.6	8.0	7.0	6.8
AC-FT						426	498	525	499	548	474	425
IRRIGATION YEAR 1990			TOTAL	1712	MEAN	5	AC-FT	3395				

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13211001 SHIPLEY PUMPS
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1989 TO OCTOBER 1990
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	---
17	---	---	---	---	---	0.2	0.2	0.2	0.2	0.2	0.2	---
18	---	---	---	---	---	0.2	0.2	0.2	0.2	0.2	0.2	---
19	---	---	---	---	---	0.2	0.2	0.2	0.2	0.2	0.2	---
20	---	---	---	---	---	0.2	0.2	0.2	0.2	0.2	0.2	---
21	---	---	---	---	---	0.2	0.2	0.2	0.2	0.2	0.2	---
22	---	---	---	---	---	0.2	0.2	0.2	0.2	0.2	0.2	---
23	---	---	---	---	---	0.2	0.2	0.2	0.2	0.2	0.2	---
24	---	---	---	---	---	0.2	0.2	0.2	0.2	0.2	0.2	---
25	---	---	---	---	---	0.2	0.2	0.2	0.2	0.2	0.2	---
26	---	---	---	---	---	0.2	0.2	0.2	0.2	0.2	0.2	---
27	---	---	---	---	---	0.2	0.2	0.2	0.2	0.2	0.2	---
28	---	---	---	---	---	0.2	0.2	0.2	0.2	0.2	0.2	---
29	---	---	---	---	---	0.2	0.2	0.2	0.2	0.2	0.2	---
30	---	---	---	---	---	0.2	0.2	0.2	0.2	0.2	0.2	---
31	---	---	---	---	---	---	0.2	---	0.2	0.2	---	---
TOTAL						6	6	6	6	6	6	3
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						12	12	12	12	12	12	6
IRRIGATION YEAR 1990												
TOTAL				40	MEAN	0	AC-FT	78				

13-NOV-90

13211003 WAGNER PUMPS
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1989 TO OCTOBER 1990
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	---	---	---	---	---	0.0	0.4	0.4	0.4	0.4	0.4	0.4
2	---	---	---	---	---	0.0	0.4	0.4	0.4	0.4	0.4	0.4
3	---	---	---	---	---	0.0	0.4	0.4	0.4	0.4	0.4	0.4
4	---	---	---	---	---	0.0	0.4	0.4	0.4	0.4	0.4	0.4
5	---	---	---	---	---	0.0	0.4	0.4	0.4	0.4	0.4	0.4
6	---	---	---	---	---	0.0	0.4	0.4	0.4	0.4	0.4	0.4
7	---	---	---	---	---	0.0	0.4	0.4	0.4	0.4	0.4	0.4
8	---	---	---	---	---	0.0	0.4	0.4	0.4	0.4	0.4	0.4
9	---	---	---	---	---	0.0	0.4	0.4	0.4	0.4	0.4	0.4
10	---	---	---	---	---	0.0	0.4	0.4	0.4	0.4	0.4	0.4
11	---	---	---	---	---	0.0	0.4	0.4	0.4	0.4	0.4	0.4
12	---	---	---	---	---	0.0	0.4	0.4	0.4	0.4	0.4	0.4
13	---	---	---	---	---	0.0	0.4	0.4	0.4	0.4	0.4	0.4
14	---	---	---	---	---	0.0	0.4	0.4	0.4	0.4	0.4	0.4
15	---	---	---	---	---	0.0	0.4	0.4	0.4	0.4	0.4	0.4
16	---	---	---	---	---	0.4	0.4	0.4	0.4	0.4	0.4	---
17	---	---	---	---	---	0.4	0.4	0.4	0.4	0.4	0.4	---
18	---	---	---	---	---	0.4	0.4	0.4	0.4	0.4	0.4	---
19	---	---	---	---	---	0.4	0.4	0.4	0.4	0.4	0.4	---
20	---	---	---	---	---	0.4	0.4	0.4	0.4	0.4	0.4	---
21	---	---	---	---	---	0.4	0.4	0.4	0.4	0.4	0.4	---
22	---	---	---	---	---	0.4	0.4	0.4	0.4	0.4	0.4	---
23	---	---	---	---	---	0.4	0.4	0.4	0.4	0.4	0.4	---
24	---	---	---	---	---	0.4	0.4	0.4	0.4	0.4	0.4	---
25	---	---	---	---	---	0.4	0.4	0.4	0.4	0.4	0.4	---
26	---	---	---	---	---	0.4	0.4	0.4	0.4	0.4	0.4	---
27	---	---	---	---	---	0.4	0.4	0.4	0.4	0.4	0.4	---
28	---	---	---	---	---	0.4	0.4	0.4	0.4	0.4	0.4	---
29	---	---	---	---	---	0.4	0.4	0.4	0.4	0.4	0.4	---
30	---	---	---	---	---	0.4	0.4	0.4	0.4	0.4	0.4	---
31	---	---	---	---	---	---	0.4	---	0.4	0.4	---	---
TOTAL						6	12	12	12	12	12	6
MEAN						0.2	0.4	0.4	0.4	0.4	0.4	0.4
MAX						0.4	0.4	0.4	0.4	0.4	0.4	0.4
MIN						0.0	0.4	0.4	0.4	0.4	0.4	0.4
AC-FT						12	25	24	25	25	24	12
IRRIGATION YEAR 1990						TOTAL	73	MEAN	0	AC-FT	145	

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13-NOV-90

13211603 SIMPLOT PUMPS
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1989 TO OCTOBER 1990
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	---
17	---	---	---	---	---	0.6	0.6	0.6	0.6	0.6	0.6	---
18	---	---	---	---	---	0.6	0.6	0.6	0.6	0.6	0.6	---
19	---	---	---	---	---	0.6	0.6	0.6	0.6	0.6	0.6	---
20	---	---	---	---	---	0.6	0.6	0.6	0.6	0.6	0.6	---
21	---	---	---	---	---	0.6	0.6	0.6	0.6	0.6	0.6	---
22	---	---	---	---	---	0.6	0.6	0.6	0.6	0.6	0.6	---
23	---	---	---	---	---	0.6	0.6	0.6	0.6	0.6	0.6	---
24	---	---	---	---	---	0.6	0.6	0.6	0.6	0.6	0.6	---
25	---	---	---	---	---	0.6	0.6	0.6	0.6	0.6	0.6	---
26	---	---	---	---	---	0.6	0.6	0.6	0.6	0.6	0.6	---
27	---	---	---	---	---	0.6	0.6	0.6	0.6	0.6	0.6	---
28	---	---	---	---	---	0.6	0.6	0.6	0.6	0.6	0.6	---
29	---	---	---	---	---	0.6	0.6	0.6	0.6	0.6	0.6	---
30	---	---	---	---	---	0.6	0.6	0.6	0.6	0.6	0.6	---
31	---	---	---	---	---	---	0.6	---	0.6	0.6	---	---
TOTAL						18	19	18	19	19	18	9
MEAN						0.6	0.6	0.6	0.6	0.6	0.6	0.6
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 1990												
TOTAL				119	MEAN	0	AC-FT	235				

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13-NOV-90

13211725 EUREKA #2
 DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1989 TO OCTOBER 1990
 MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	---	---	---	---	---	0.0	86	110	87	115	110	95
2	---	---	---	---	---	0.0	85	110	86	115	110	93
3	---	---	---	---	---	0.0	87	110	86	114	110	90
4	---	---	---	---	---	0.0	89	110	85	113	110	91
5	---	---	---	---	---	4.2	91	110	85	113	110	91
6	---	---	---	---	---	8.3	94	110	90	112	110	92
7	---	---	---	---	---	13	96	109	95	111	109	93
8	---	---	---	---	---	17	98	107	100	110	108	94
9	---	---	---	---	---	21	100	106	105	110	107	94
10	---	---	---	---	---	25	100	104	110	109	105	95
11	---	---	---	---	---	30	102	103	115	108	104	95
12	---	---	---	---	---	35	103	101	114	108	103	95
13	---	---	---	---	---	39	105	100	114	107	103	95
14	---	---	---	---	---	44	107	100	113	106	103	95
15	---	---	---	---	---	49	108	99	112	105	102	31
16	---	---	---	---	---	54	110	98	111	105	102	0.0
17	---	---	---	---	---	58	110	98	111	107	101	0.0
18	---	---	---	---	---	63	110	97	110	108	101	0.0
19	---	---	---	---	---	63	110	96	110	110	100	0.0
20	---	---	---	---	---	68	110	95	111	112	100	0.0
21	---	---	---	---	---	72	110	95	113	113	101	0.0
22	---	---	---	---	---	77	110	94	114	115	102	0.0
23	---	---	---	---	---	81	110	93	115	115	103	0.0
24	---	---	---	---	---	86	110	93	117	114	103	0.0
25	---	---	---	---	---	90	110	92	118	113	104	0.0
26	---	---	---	---	---	90	110	91	118	113	105	0.0
27	---	---	---	---	---	89	110	90	118	112	105	0.0
28	---	---	---	---	---	88	110	89	117	111	103	0.0
29	---	---	---	---	---	88	110	89	117	110	100	0.0
30	---	---	---	---	---	87	110	88	116	110	98	0.0
31	---	---	---	---	---	---	110	---	116	110	---	0.0
TOTAL						1436	3211	2986	3328	3433	3129	1339
MEAN						48	104	100	107	111	104	43
MAX						90	110	110	118	115	110	95
MIN						0.0	85	88	85	105	98	0.0
AC-FT						2848	6369	5922	6600	6808	6205	2655
IRRIGATION YEAR 1990												
TOTAL			18860	MEAN	52	AC-FT	37408					

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13-NOV-90

13211735 UPPER CENTER POINT CANAL
 DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1989 TO OCTOBER 1990
 MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	---	---	---	---	---	0.0	15	23	16	15	18	17
2	---	---	---	---	---	0.0	14	22	16	15	18	17
3	---	---	---	---	---	0.0	14	21	17	16	17	16
4	---	---	---	---	---	0.0	14	20	17	16	17	16
5	---	---	---	---	---	3.0	14	20	17	17	16	17
6	---	---	---	---	---	6.0	13	19	17	17	16	17
7	---	---	---	---	---	9.0	13	19	17	18	17	17
8	---	---	---	---	---	12	13	19	17	18	17	17
9	---	---	---	---	---	15	13	19	17	18	18	18
10	---	---	---	---	---	15	13	20	17	18	18	18
11	---	---	---	---	---	15	14	20	17	17	19	17
12	---	---	---	---	---	16	15	20	17	17	19	15
13	---	---	---	---	---	16	16	20	17	17	19	14
14	---	---	---	---	---	16	17	20	18	16	19	12
15	---	---	---	---	---	16	18	20	18	16	18	4.0
16	---	---	---	---	---	17	19	20	18	16	18	0.0
17	---	---	---	---	---	17	19	20	19	17	18	0.0
18	---	---	---	---	---	17	20	19	19	17	17	0.0
19	---	---	---	---	---	17	20	19	19	18	17	0.0
20	---	---	---	---	---	17	20	19	19	18	17	0.0
21	---	---	---	---	---	17	20	19	19	19	17	0.0
22	---	---	---	---	---	17	21	18	19	19	18	0.0
23	---	---	---	---	---	17	21	17	19	19	18	0.0
24	---	---	---	---	---	17	21	17	19	19	18	0.0
25	---	---	---	---	---	17	22	16	19	19	19	0.0
26	---	---	---	---	---	17	22	15	19	19	19	0.0
27	---	---	---	---	---	17	23	14	18	19	19	0.0
28	---	---	---	---	---	16	23	14	18	19	19	0.0
29	---	---	---	---	---	16	24	15	17	19	18	0.0
30	---	---	---	---	---	15	24	15	16	19	18	0.0
31	---	---	---	---	---	---	23	---	16	19	---	0.0
TOTAL						389	556	558	547	543	533	231
MEAN						13	18	19	18	18	18	7.4
MAX						17	24	23	19	19	19	18
MIN						0.0	13	14	16	15	16	0.0
AC-FT						772	1103	1107	1086	1076	1056	457
IRRIGATION YEAR 1990												
TOTAL			3357		MEAN	9	AC-FT	6657				

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11-FEB-91

13211745 MCMANUS AND TEATER CANAL
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1989 TO OCTOBER 1990
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	---	---	---	---	---	0.0	2.5	0.0	3.0	3.0	3.0	1.0
2	---	---	---	---	---	0.0	3.0	0.0	3.0	3.0	3.0	0.5
3	---	---	---	---	---	0.0	3.0	0.0	3.0	2.5	3.0	0.0
4	---	---	---	---	---	0.0	3.0	0.0	3.0	2.0	3.0	0.0
5	---	---	---	---	---	0.8	3.0	0.0	3.0	1.5	3.0	0.0
6	---	---	---	---	---	1.6	3.0	0.0	3.0	1.0	3.0	0.0
7	---	---	---	---	---	2.4	3.0	0.4	3.0	0.5	2.5	0.0
8	---	---	---	---	---	3.2	3.0	0.9	3.0	0.0	2.0	0.0
9	---	---	---	---	---	4.0	3.0	1.3	3.0	0.0	1.5	0.0
10	---	---	---	---	---	3.9	3.0	1.7	3.0	0.0	1.0	0.0
11	---	---	---	---	---	3.8	3.0	2.1	3.0	0.0	0.5	0.0
12	---	---	---	---	---	3.7	3.0	2.6	3.0	0.0	0.0	0.0
13	---	---	---	---	---	3.6	3.0	3.0	2.5	0.0	0.0	0.0
14	---	---	---	---	---	3.4	3.0	3.0	2.0	0.0	0.0	0.0
15	---	---	---	---	---	3.3	3.0	3.0	1.5	0.0	0.0	0.0
16	---	---	---	---	---	3.2	3.0	3.0	1.0	0.0	0.0	0.0
17	---	---	---	---	---	3.1	2.6	3.0	0.5	0.0	0.0	0.0
18	---	---	---	---	---	3.0	2.1	3.0	0.0	0.0	0.0	0.0
19	---	---	---	---	---	3.0	1.7	3.0	0.0	0.0	0.0	0.0
20	---	---	---	---	---	2.5	1.3	3.0	0.5	0.0	0.0	0.0
21	---	---	---	---	---	2.0	0.9	3.0	1.0	0.0	0.5	0.0
22	---	---	---	---	---	1.5	0.4	3.0	1.5	0.0	1.0	0.0
23	---	---	---	---	---	1.0	0.0	3.0	2.0	0.0	1.5	0.0
24	---	---	---	---	---	0.5	0.0	3.0	2.5	0.5	2.0	0.0
25	---	---	---	---	---	0.0	0.0	3.0	3.0	1.0	2.5	0.0
26	---	---	---	---	---	0.0	0.0	3.0	3.0	1.5	3.0	0.0
27	---	---	---	---	---	0.5	0.0	3.0	3.0	2.0	3.0	0.0
28	---	---	---	---	---	1.0	0.0	3.0	3.0	2.5	2.5	0.0
29	---	---	---	---	---	1.5	0.0	3.0	3.0	3.0	2.0	0.0
30	---	---	---	---	---	2.0	0.0	3.0	3.0	3.0	1.5	0.0
31	---	---	---	---	---	---	0.0	---	3.0	3.0	---	0.0
TOTAL						59	57	63	72	30	45	2
MEAN						2.0	1.8	2.1	2.3	1.0	1.5	0.0
MAX						4.0	3.0	3.0	3.0	3.0	3.0	1.0
MIN						0.0	0.0	0.0	0.0	0.0	0.0	0.0
AC-FT						116	112	125	143	60	89	3
IRRIGATION YEAR 1990												
TOTAL			327		MEAN	1	AC-FT	647				

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13-NOV-90

13211747 ATWELL
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1989 TO OCTOBER 1990
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	---	---	---	---	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2	---	---	---	---	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	---	---	---	---	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4	---	---	---	---	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	---	---	---	---	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6	---	---	---	---	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	---	---	---	---	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8	---	---	---	---	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9	---	---	---	---	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	---	---	---	---	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11	---	---	---	---	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12	---	---	---	---	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13	---	---	---	---	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14	---	---	---	---	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15	---	---	---	---	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16	---	---	---	---	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17	---	---	---	---	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18	---	---	---	---	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19	---	---	---	---	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20	---	---	---	---	---	0.0	0.0	0.0	0.8	0.0	0.0	0.0
21	---	---	---	---	---	0.0	0.0	0.0	1.7	0.0	0.0	0.0
22	---	---	---	---	---	0.0	0.0	0.0	2.5	0.0	0.0	0.0
23	---	---	---	---	---	0.0	0.0	0.0	3.3	0.0	0.0	0.0
24	---	---	---	---	---	0.0	0.0	0.0	4.2	0.0	0.0	0.0
25	---	---	---	---	---	0.0	0.0	0.0	5.0	0.0	0.0	0.0
26	---	---	---	---	---	0.0	0.0	0.0	5.0	0.0	5.0	0.0
27	---	---	---	---	---	0.0	0.0	0.0	5.0	0.0	5.0	5.0
28	---	---	---	---	---	0.0	0.0	0.0	5.0	5.0	5.0	5.0
29	---	---	---	---	---	0.0	0.0	0.0	5.0	5.0	5.0	5.0
30	---	---	---	---	---	0.0	0.0	0.0	5.0	5.0	5.0	5.0
31	---	---	---	---	---	---	0.0	---	5.0	5.0	---	5.0
TOTAL						0	0	0	48	20	25	25
MEAN						0.0	0.0	0.0	1.5	0.6	0.8	0.8
MAX						0.0	0.0	0.0	5.0	5.0	5.0	5.0
MIN						0.0	0.0	0.0	0.0	0.0	0.0	0.0
AC-FT						0	0	0	94	40	50	50

IRRIGATION YEAR 1990 TOTAL 118 MEAN 0 AC-FT 233

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13-NOV-90

13211825 LOWER CENTER POINT CANAL
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1989 TO OCTOBER 1990
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	---	---	---	---	---	0.0	22	33	35	30	19	16
2	---	---	---	---	---	0.0	21	33	35	30	19	16
3	---	---	---	---	---	0.0	22	33	35	29	19	15
4	---	---	---	---	---	0.0	22	33	35	28	18	14
5	---	---	---	---	---	3.6	23	33	35	28	18	13
6	---	---	---	---	---	7.1	23	33	35	27	18	12
7	---	---	---	---	---	11	24	33	34	26	18	11
8	---	---	---	---	---	14	24	33	34	25	18	10
9	---	---	---	---	---	18	25	33	33	25	18	9.0
10	---	---	---	---	---	21	25	34	33	24	18	8.0
11	---	---	---	---	---	25	25	34	32	24	18	6.4
12	---	---	---	---	---	25	26	34	32	23	18	4.8
13	---	---	---	---	---	25	26	34	32	22	18	3.2
14	---	---	---	---	---	25	26	34	31	22	18	1.6
15	---	---	---	---	---	26	27	33	31	21	17	0.0
16	---	---	---	---	---	26	27	33	30	21	17	0.0
17	---	---	---	---	---	26	28	32	30	21	17	0.0
18	---	---	---	---	---	26	28	31	29	22	16	0.0
19	---	---	---	---	---	26	29	31	29	22	16	0.0
20	---	---	---	---	---	26	29	30	29	22	16	0.0
21	---	---	---	---	---	26	30	30	28	23	17	0.0
22	---	---	---	---	---	26	30	31	28	23	17	0.0
23	---	---	---	---	---	26	31	32	28	23	18	0.0
24	---	---	---	---	---	26	31	33	27	23	18	0.0
25	---	---	---	---	---	26	31	34	27	22	19	0.0
26	---	---	---	---	---	26	32	35	27	22	19	0.0
27	---	---	---	---	---	25	32	36	28	21	19	0.0
28	---	---	---	---	---	24	32	36	28	21	18	0.0
29	---	---	---	---	---	24	33	36	29	20	18	0.0
30	---	---	---	---	---	23	33	36	29	20	17	0.0
31	---	---	---	---	---	---	33	---	30	20	---	0.0
TOTAL						583	850	995	954	728	533	140
MEAN						19	27	33	31	23	18	4.5
MAX						26	33	36	35	30	19	16
MIN						0.0	21	30	27	20	16	0.0
AC-FT						1156	1686	1974	1893	1443	1057	278
IRRIGATION YEAR 1990												
TOTAL				4783	MEAN	13	AC-FT	9486				

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13-NOV-90

13212548 BOWMAN AND SWISHER CANAL
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1989 TO OCTOBER 1990
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	---	---	---	---	---	0.0	19	15	11	13	9.0	3.0
2	---	---	---	---	---	0.0	19	16	11	13	9.0	3.0
3	---	---	---	---	---	0.0	19	17	12	11	9.0	3.0
4	---	---	---	---	---	0.0	18	18	12	9.7	9.0	2.6
5	---	---	---	---	---	0.0	18	18	12	8.0	9.0	2.1
6	---	---	---	---	---	0.0	17	19	12	6.3	9.0	1.7
7	---	---	---	---	---	0.0	17	19	13	4.7	8.7	1.3
8	---	---	---	---	---	0.0	16	18	13	3.0	8.3	0.9
9	---	---	---	---	---	0.0	16	18	13	3.0	8.0	0.4
10	---	---	---	---	---	6.0	16	18	14	3.5	7.7	0.0
11	---	---	---	---	---	7.0	16	18	14	4.0	7.3	0.0
12	---	---	---	---	---	8.0	17	17	14	4.5	7.0	0.0
13	---	---	---	---	---	9.0	17	17	14	5.0	7.0	0.0
14	---	---	---	---	---	10	17	17	14	5.5	7.0	0.0
15	---	---	---	---	---	11	18	17	14	6.0	7.0	0.0
16	---	---	---	---	---	12	18	17	14	6.0	7.0	0.0
17	---	---	---	---	---	13	18	17	14	6.0	7.0	0.0
18	---	---	---	---	---	14	18	17	14	6.0	7.0	0.0
19	---	---	---	---	---	14	18	17	14	6.0	7.0	0.0
20	---	---	---	---	---	15	18	17	14	6.0	7.0	0.0
21	---	---	---	---	---	16	18	17	15	6.0	6.3	0.0
22	---	---	---	---	---	17	18	16	15	6.0	5.7	0.0
23	---	---	---	---	---	17	18	15	15	6.0	5.0	0.0
24	---	---	---	---	---	18	18	14	16	6.5	4.3	0.0
25	---	---	---	---	---	19	17	12	16	7.0	3.7	0.0
26	---	---	---	---	---	19	17	11	16	7.5	3.0	0.0
27	---	---	---	---	---	19	16	10	16	8.0	3.0	0.0
28	---	---	---	---	---	19	15	10	15	8.5	3.0	0.0
29	---	---	---	---	---	19	15	11	15	9.0	3.0	0.0
30	---	---	---	---	---	19	14	11	14	9.0	3.0	0.0
31	---	---	---	---	---	---	15	---	14	9.0	---	0.0
TOTAL						301	531	474	429	213	197	18
MEAN						10	17	16	14	6.9	6.6	0.6
MAX						19	19	19	16	13	9.0	3.0
MIN						0.0	14	10	11	3.0	3.0	0.0
AC-FT						596	1053	939	850	422	391	36
IRRIGATION YEAR 1990												
TOTAL			2162		MEAN	6	AC-FT	4287				

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13-NOV-90

13212645 BAXTER CANAL
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1989 TO OCTOBER 1990
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	---	---	---	---	---	0.0	5.0	14	13	10	13	11
2	---	---	---	---	---	0.0	6.0	14	14	10	13	10
3	---	---	---	---	---	0.0	7.0	13	14	10	13	10
4	---	---	---	---	---	0.0	8.0	13	15	10	12	10
5	---	---	---	---	---	0.0	9.0	13	15	10	12	10
6	---	---	---	---	---	0.0	10	13	14	10	12	10
7	---	---	---	---	---	0.0	11	13	14	10	12	10
8	---	---	---	---	---	0.0	12	14	13	10	12	10
9	---	---	---	---	---	0.0	13	14	12	10	12	10
10	---	---	---	---	---	0.0	13	15	12	10	12	10
11	---	---	---	---	---	0.0	13	15	11	11	12	8.0
12	---	---	---	---	---	0.0	12	16	11	11	12	6.0
13	---	---	---	---	---	0.0	12	16	11	11	12	4.0
14	---	---	---	---	---	0.0	11	16	12	12	12	2.0
15	---	---	---	---	---	0.0	11	16	12	12	12	0.0
16	---	---	---	---	---	0.0	10	16	12	12	13	0.0
17	---	---	---	---	---	0.0	10	16	13	12	13	0.0
18	---	---	---	---	---	0.0	10	16	13	13	13	0.0
19	---	---	---	---	---	0.0	10	16	13	13	13	0.0
20	---	---	---	---	---	0.0	11	16	13	13	13	0.0
21	---	---	---	---	---	0.0	11	16	13	14	13	0.0
22	---	---	---	---	---	0.0	11	15	13	14	13	0.0
23	---	---	---	---	---	0.0	11	14	12	14	13	0.0
24	---	---	---	---	---	0.0	11	13	12	14	12	0.0
25	---	---	---	---	---	0.0	12	12	12	14	12	0.0
26	---	---	---	---	---	0.0	12	11	12	14	12	0.0
27	---	---	---	---	---	1.0	13	10	12	14	12	0.0
28	---	---	---	---	---	2.0	13	11	11	14	12	0.0
29	---	---	---	---	---	3.0	14	11	11	14	11	0.0
30	---	---	---	---	---	4.0	14	12	11	14	11	0.0
31	---	---	---	---	---	---	14	---	10	14	---	0.0
TOTAL						10	337	420	385	374	368	121
MEAN						0.3	11	14	12	12	12	3.9
MAX						4.0	14	16	15	14	13	11
MIN						0.0	5.0	10	10	10	11	0.0
AC-FT						20	668	834	764	741	731	240

IRRIGATION YEAR 1990 TOTAL 2016 MEAN 6 AC-FT 3997

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13-NOV-90

13212832 ANDREWS CANAL
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1989 TO OCTOBER 1990
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	---	---	---	---	---	0.0	9.5	16	15	11	7.0	7.0
2	---	---	---	---	---	0.0	10	16	15	11	7.0	7.0
3	---	---	---	---	---	0.0	10	16	15	10	7.0	7.0
4	---	---	---	---	---	0.0	10	16	15	10	7.0	6.7
5	---	---	---	---	---	0.0	10	16	15	10	7.0	6.4
6	---	---	---	---	---	0.0	10	16	15	10	7.0	6.1
7	---	---	---	---	---	0.0	10	16	14	10	7.2	5.9
8	---	---	---	---	---	0.0	10	16	14	10	7.3	5.6
9	---	---	---	---	---	0.0	10	16	13	10	7.5	5.3
10	---	---	---	---	---	0.0	10	15	13	10	7.7	5.0
11	---	---	---	---	---	0.0	11	15	12	10	7.8	4.0
12	---	---	---	---	---	0.0	11	15	12	10	8.0	3.0
13	---	---	---	---	---	0.0	12	15	12	10	8.0	2.0
14	---	---	---	---	---	0.0	12	15	12	10	8.0	1.0
15	---	---	---	---	---	0.0	13	15	12	10	8.0	0.0
16	---	---	---	---	---	0.0	13	14	12	10	8.0	0.0
17	---	---	---	---	---	0.0	13	14	12	9.2	8.0	0.0
18	---	---	---	---	---	0.0	14	13	12	8.3	8.0	0.0
19	---	---	---	---	---	0.0	14	13	12	7.5	8.0	0.0
20	---	---	---	---	---	1.2	14	12	12	6.7	8.0	0.0
21	---	---	---	---	---	2.3	14	12	12	5.8	7.8	0.0
22	---	---	---	---	---	3.5	15	13	12	5.0	7.7	0.0
23	---	---	---	---	---	4.7	15	13	11	5.0	7.5	0.0
24	---	---	---	---	---	5.8	15	14	11	5.3	7.3	0.0
25	---	---	---	---	---	7.0	15	14	11	5.7	7.2	0.0
26	---	---	---	---	---	7.0	15	15	11	6.0	7.0	0.0
27	---	---	---	---	---	7.5	16	15	11	6.3	7.0	0.0
28	---	---	---	---	---	8.0	16	15	11	6.7	7.0	0.0
29	---	---	---	---	---	8.5	16	15	11	7.0	7.0	0.0
30	---	---	---	---	---	9.0	16	15	11	7.0	7.0	0.0
31	---	---	---	---	---	---	16	---	11	7.0	---	0.0
TOTAL						65	394	438	384	261	224	72
MEAN						2.2	13	15	12	8.4	7.5	2.3
MAX						9.0	16	16	15	11	8.0	7.0
MIN						0.0	9.5	12	11	5.0	7.0	0.0
AC-FT						128	781	869	761	517	444	143

IRRIGATION YEAR 1990 TOTAL 1837 MEAN 5 AC-FT 3642

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13-NOV-90

13212896 MAMMON PUMPS
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1989 TO OCTOBER 1990
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	---	---	---	---	---	0.0	0.0	1.2	3.0	0.0	3.0	2.0
2	---	---	---	---	---	0.0	0.0	0.9	3.0	0.0	3.0	2.5
3	---	---	---	---	---	0.0	0.4	0.7	3.0	0.5	3.0	3.0
4	---	---	---	---	---	0.0	0.9	0.5	3.0	1.0	3.0	3.0
5	---	---	---	---	---	0.0	1.3	0.2	3.0	1.5	3.0	2.5
6	---	---	---	---	---	0.0	1.7	0.0	3.0	2.0	3.0	2.0
7	---	---	---	---	---	0.0	2.1	0.4	3.0	2.5	2.5	1.5
8	---	---	---	---	---	0.0	2.6	0.9	3.0	3.0	2.0	1.0
9	---	---	---	---	---	0.0	3.0	1.3	3.0	3.0	1.5	0.5
10	---	---	---	---	---	0.0	3.0	1.7	3.0	3.0	1.0	0.0
11	---	---	---	---	---	0.0	3.0	2.1	3.0	3.0	0.5	0.0
12	---	---	---	---	---	0.0	3.0	2.6	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	4.0	3.0	3.0	0.0	0.0
15	---	---	---	---	---	0.0	3.0	3.8	3.0	3.0	0.0	0.0
16	---	---	---	---	---	0.0	3.0	3.7	3.0	3.0	0.0	0.0
17	---	---	---	---	---	0.0	3.0	3.5	3.0	2.5	0.0	0.0
18	---	---	---	---	---	0.0	3.0	3.3	3.0	2.0	0.0	0.0
19	---	---	---	---	---	0.0	3.0	3.2	3.0	1.5	0.0	0.0
20	---	---	---	---	---	0.0	3.0	3.0	2.7	1.0	0.0	0.0
21	---	---	---	---	---	0.0	3.0	3.0	2.5	0.5	0.0	0.0
22	---	---	---	---	---	0.0	3.0	3.0	2.2	0.0	0.0	0.0
23	---	---	---	---	---	0.0	3.0	3.0	1.9	0.0	0.0	0.0
24	---	---	---	---	---	0.0	3.0	3.0	1.6	0.5	0.0	0.0
25	---	---	---	---	---	0.0	2.8	3.0	1.4	1.0	0.0	0.0
26	---	---	---	---	---	0.0	2.5	3.0	1.1	1.5	0.0	0.0
27	---	---	---	---	---	0.0	2.3	3.0	0.8	2.0	0.0	0.0
28	---	---	---	---	---	0.0	2.1	3.0	0.5	2.5	0.5	0.0
29	---	---	---	---	---	0.0	1.8	3.0	0.3	3.0	1.0	0.0
30	---	---	---	---	---	0.0	1.6	3.0	0.0	3.0	1.5	0.0
31	---	---	---	---	---	---	1.4	---	0.0	3.0	---	0.0
TOTAL						0	72	70	72	59	29	18
MEAN						0.0	2.3	2.3	2.3	1.9	0.9	0.6
MAX						0.0	3.0	4.0	3.0	3.0	3.0	3.0
MIN						0.0	0.0	0.0	0.0	0.0	0.0	0.0
AC-FT						0	142	139	143	116	57	36

IRRIGATION YEAR 1990 TOTAL 319 MEAN 1 AC-FT 631

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13-NOV-90

13212938 HAAS CANAL
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1989 TO OCTOBER 1990
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	---	---	---	---	---	0.0	6.3	1.4	9.0	7.0	5.3	4.0
2	---	---	---	---	---	0.0	5.0	2.1	9.0	7.0	6.0	4.5
3	---	---	---	---	---	0.0	5.7	2.9	9.0	6.5	6.7	5.0
4	---	---	---	---	---	0.0	6.4	3.6	9.0	6.0	7.3	5.0
5	---	---	---	---	---	1.7	7.1	4.3	9.0	5.5	8.0	5.0
6	---	---	---	---	---	3.4	7.9	5.0	8.7	5.0	8.0	5.0
7	---	---	---	---	---	5.1	8.6	5.9	8.3	4.5	8.0	5.0
8	---	---	---	---	---	6.9	9.3	6.7	8.0	4.0	8.0	5.0
9	---	---	---	---	---	8.6	10	7.6	7.7	4.0	8.0	5.0
10	---	---	---	---	---	10	10	8.4	7.3	4.3	8.0	5.0
11	---	---	---	---	---	12	11	9.3	7.0	4.7	8.0	4.3
12	---	---	---	---	---	13	12	10	7.0	5.0	8.0	3.5
13	---	---	---	---	---	13	14	11	7.4	5.3	8.0	2.8
14	---	---	---	---	---	14	15	11	7.8	5.7	7.3	2.0
15	---	---	---	---	---	14	16	11	8.2	6.0	6.7	0.0
16	---	---	---	---	---	15	17	11	8.6	6.0	6.0	0.0
17	---	---	---	---	---	15	16	11	9.0	5.7	5.3	0.0
18	---	---	---	---	---	16	14	11	9.0	5.3	4.7	0.0
19	---	---	---	---	---	16	13	11	9.0	5.0	4.0	0.0
20	---	---	---	---	---	16	12	11	9.0	4.7	4.0	0.0
21	---	---	---	---	---	15	11	11	9.0	4.3	3.7	0.0
22	---	---	---	---	---	15	9.3	11	9.0	4.0	3.3	0.0
23	---	---	---	---	---	14	8.0	10	9.0	4.0	3.0	0.0
24	---	---	---	---	---	14	8.0	10	9.0	4.0	2.7	0.0
25	---	---	---	---	---	13	6.7	9.7	9.0	4.0	2.3	0.0
26	---	---	---	---	---	13	5.3	9.3	9.0	4.0	2.0	0.0
27	---	---	---	---	---	12	4.0	9.0	8.7	4.0	2.0	0.0
28	---	---	---	---	---	10	2.7	9.0	8.3	4.0	2.5	0.0
29	---	---	---	---	---	9.0	1.3	9.0	8.0	4.0	3.0	0.0
30	---	---	---	---	---	7.7	0.0	9.0	7.7	4.0	3.5	0.0
31	---	---	---	---	---	---	0.7	---	7.3	4.7	---	0.0
TOTAL						301	273	252	261	152	163	61
MEAN						10	8.8	8.4	8.4	4.9	5.4	2.0
MAX						16	17	11	9.0	7.0	8.0	5.0
MIN						0.0	0.0	1.4	7.0	4.0	2.0	0.0
AC-FT						597	541	500	518	302	324	121

IRRIGATION YEAR 1990 TOTAL 1464 MEAN 4 AC-FT 2903

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13-NOV-90

13212954 PARMA CANAL
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1989 TO OCTOBER 1990
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	---	---	---	---	---	0.0	27	29	24	19	20	19
2	---	---	---	---	---	0.0	26	28	24	19	20	19
3	---	---	---	---	---	0.0	27	28	23	20	20	19
4	---	---	---	---	---	0.0	28	27	23	20	20	19
5	---	---	---	---	---	3.8	29	27	23	21	20	19
6	---	---	---	---	---	7.7	29	26	24	21	20	18
7	---	---	---	---	---	12	30	27	24	22	20	18
8	---	---	---	---	---	15	31	27	25	22	21	18
9	---	---	---	---	---	19	32	28	25	22	21	18
10	---	---	---	---	---	23	32	29	26	21	21	18
11	---	---	---	---	---	23	32	30	26	20	22	18
12	---	---	---	---	---	24	31	30	26	20	22	17
13	---	---	---	---	---	24	31	31	26	19	22	17
14	---	---	---	---	---	25	30	31	26	18	21	17
15	---	---	---	---	---	25	30	31	26	17	21	5.0
16	---	---	---	---	---	25	29	30	26	17	20	0.0
17	---	---	---	---	---	26	30	30	26	18	19	0.0
18	---	---	---	---	---	26	30	30	26	19	19	0.0
19	---	---	---	---	---	26	31	29	26	20	18	0.0
20	---	---	---	---	---	27	31	29	26	21	18	0.0
21	---	---	---	---	---	28	32	29	25	22	18	0.0
22	---	---	---	---	---	29	32	29	25	23	19	0.0
23	---	---	---	---	---	29	33	28	24	23	19	0.0
24	---	---	---	---	---	30	33	28	24	23	19	0.0
25	---	---	---	---	---	31	33	27	23	22	20	0.0
26	---	---	---	---	---	31	32	27	23	22	20	0.0
27	---	---	---	---	---	30	31	26	22	21	20	0.0
28	---	---	---	---	---	29	31	26	22	21	20	0.0
29	---	---	---	---	---	29	30	25	21	20	20	0.0
30	---	---	---	---	---	28	30	25	20	20	20	0.0
31	---	---	---	---	---	---	29	---	20	20	---	0.0
TOTAL						624	940	844	748	630	599	259
MEAN						21	30	28	24	20	20	8.4
MAX						31	33	31	26	23	22	19
MIN						0.0	26	25	20	17	18	0.0
AC-FT						1238	1865	1674	1483	1249	1188	514
IRRIGATION YEAR 1990			TOTAL	4644	MEAN	13	AC-FT	9210				

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13-NOV-90

13212966 ISLAND HIGHLINE CANAL
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1989 TO OCTOBER 1990
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	---	---	---	---	---	0.0	35	43	37	35	22	17
2	---	---	---	---	---	0.0	36	43	37	35	22	16
3	---	---	---	---	---	0.0	37	42	36	34	22	15
4	---	---	---	---	---	0.0	37	42	36	33	23	15
5	---	---	---	---	---	4.1	38	42	36	32	23	14
6	---	---	---	---	---	8.3	38	42	36	31	23	14
7	---	---	---	---	---	12	39	42	35	30	23	13
8	---	---	---	---	---	17	39	43	35	29	22	13
9	---	---	---	---	---	21	40	43	34	29	22	12
10	---	---	---	---	---	25	40	43	34	28	21	12
11	---	---	---	---	---	29	40	43	33	27	21	9.6
12	---	---	---	---	---	29	39	44	33	26	20	7.2
13	---	---	---	---	---	30	39	44	33	24	20	4.8
14	---	---	---	---	---	30	38	44	34	23	20	2.4
15	---	---	---	---	---	31	38	43	34	22	19	0.0
16	---	---	---	---	---	31	37	41	34	22	19	0.0
17	---	---	---	---	---	32	37	40	35	23	18	0.0
18	---	---	---	---	---	32	37	39	35	23	18	0.0
19	---	---	---	---	---	32	37	37	35	24	17	0.0
20	---	---	---	---	---	32	36	36	36	24	17	0.0
21	---	---	---	---	---	31	36	36	36	25	18	0.0
22	---	---	---	---	---	31	36	37	37	25	18	0.0
23	---	---	---	---	---	31	36	37	37	25	19	0.0
24	---	---	---	---	---	30	36	38	38	24	20	0.0
25	---	---	---	---	---	30	37	38	38	24	20	0.0
26	---	---	---	---	---	30	38	39	38	23	21	0.0
27	---	---	---	---	---	31	40	39	38	22	21	0.0
28	---	---	---	---	---	32	41	39	37	22	20	0.0
29	---	---	---	---	---	33	42	38	37	21	19	0.0
30	---	---	---	---	---	34	43	38	36	21	18	0.0
31	---	---	---	---	---	---	43	---	36	21	---	0.0
TOTAL						708	1183	1213	1102	805	603	165
MEAN						24	38	40	36	26	20	5.3
MAX						34	43	44	38	35	23	17
MIN						0.0	35	36	33	21	17	0.0
AC-FT						1404	2346	2406	2186	1597	1195	327
IRRIGATION YEAR 1990												
TOTAL			5779	MEAN			16	AC-FT			11462	

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13212992 CRAWFORTH PUMPS
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1989 TO OCTOBER 1990
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	0.8
2	---	---	---	---	---	0.0	0.8	0.8	0.8	0.8	0.8	0.7
3	---	---	---	---	---	0.0	0.8	0.8	0.8	0.8	0.8	0.7
4	---	---	---	---	---	0.0	0.8	0.8	0.8	0.8	0.8	0.6
5	---	---	---	---	---	0.0	0.8	0.8	0.8	0.8	0.8	0.6
6	---	---	---	---	---	0.0	0.8	0.8	0.8	0.8	0.8	0.5
7	---	---	---	---	---	0.0	0.8	0.8	0.8	0.8	0.8	0.5
8	---	---	---	---	---	0.0	0.8	0.8	0.8	0.8	0.8	0.4
9	---	---	---	---	---	0.0	0.8	0.8	0.8	0.8	0.8	0.3
10	---	---	---	---	---	0.0	0.8	0.8	0.8	0.8	0.8	0.3
11	---	---	---	---	---	0.0	0.8	0.8	0.8	0.8	0.8	0.2
12	---	---	---	---	---	0.0	0.8	0.8	0.8	0.8	0.8	0.2
13	---	---	---	---	---	0.0	0.8	0.8	0.8	0.8	0.8	0.1
14	---	---	---	---	---	0.0	0.8	0.8	0.8	0.8	0.8	0.1
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	---
17	---	---	---	---	---	0.0	0.8	0.8	0.8	0.8	0.8	---
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	---	---	---	---	---	---	0.8	---	0.8	0.8	---	---
TOTAL						0	25	24	25	25	24	6
MEAN						0.0	0.8	0.8	0.8	0.8	0.8	0.4
MAX						0.0	0.8	0.8	0.8	0.8	0.8	0.8
MIN						0.0	0.8	0.8	0.8	0.8	0.8	0.0
AC-FT						0	49	48	49	49	48	12

IRRIGATION YEAR 1990 TOTAL 128 MEAN 0 AC-FT 254

13-NOV-90

13212994 MCCONNEL ISLAND CANAL
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1989 TO OCTOBER 1990
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	---	---	---	---	---	0.0	21	25	36	28	22	19
2	---	---	---	---	---	0.0	18	25	35	28	22	19
3	---	---	---	---	---	0.0	19	26	35	27	22	18
4	---	---	---	---	---	0.0	19	26	34	26	23	18
5	---	---	---	---	---	6.3	20	27	34	26	23	18
6	---	---	---	---	---	13	20	27	33	25	23	18
7	---	---	---	---	---	19	21	28	32	24	22	19
8	---	---	---	---	---	25	21	30	31	23	22	19
9	---	---	---	---	---	32	22	31	29	23	21	19
10	---	---	---	---	---	38	22	32	28	23	20	19
11	---	---	---	---	---	38	24	33	27	24	20	19
12	---	---	---	---	---	37	25	35	27	24	19	19
13	---	---	---	---	---	37	27	36	27	24	19	19
14	---	---	---	---	---	37	28	36	27	25	19	19
15	---	---	---	---	---	36	30	35	28	25	18	6.0
16	---	---	---	---	---	36	31	34	28	25	18	0.0
17	---	---	---	---	---	35	31	34	28	24	18	0.0
18	---	---	---	---	---	35	32	33	28	23	17	0.0
19	---	---	---	---	---	35	32	32	28	23	17	0.0
20	---	---	---	---	---	35	33	31	28	22	17	0.0
21	---	---	---	---	---	36	33	31	27	21	18	0.0
22	---	---	---	---	---	36	34	32	27	20	18	0.0
23	---	---	---	---	---	36	34	33	26	20	19	0.0
24	---	---	---	---	---	37	34	35	26	20	20	0.0
25	---	---	---	---	---	37	32	36	25	20	20	0.0
26	---	---	---	---	---	37	31	37	25	21	21	0.0
27	---	---	---	---	---	34	29	38	26	21	21	0.0
28	---	---	---	---	---	31	27	37	26	21	21	0.0
29	---	---	---	---	---	28	26	37	27	21	20	0.0
30	---	---	---	---	---	24	24	36	27	21	20	0.0
31	---	---	---	---	---	---	24	---	28	21	---	0.0
TOTAL						829	823	967	888	718	599	268
MEAN						28	27	32	29	23	20	8.6
MAX						38	34	38	36	28	23	19
MIN						0.0	18	25	25	20	17	0.0
AC-FT						1644	1633	1918	1762	1424	1188	531
IRRIGATION YEAR 1990												
TOTAL			5092	MEAN		14	AC-FT		10099			

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STREAM FLOW MEASURING STATIONS

13185000 BOISE RIVER NEAR TWIN SPRINGS
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1989 TO OCTOBER 1990
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	340	276	350	322	422	1128	2475	2933	1304	399	308	272
2	324	302	360	316	439	1370	2281	2630	1259	391	303	270
3	356	363	291	310	468	1614	2119	2404	1279	383	298	272
4	374	419	306	314	478	1767	2013	2251	1098	375	294	303
5	386	539	337	287	440	1742	2015	2199	981	366	314	299
6	361	476	331	302	415	1673	2197	2207	915	357	306	319
7	363	407	339	298	412	1641	2441	2317	859	347	310	319
8	354	383	402	304	436	1677	2217	2364	812	340	310	303
9	354	388	431	317	421	1651	2005	2449	771	333	298	299
10	370	339	412	333	434	1537	1877	2861	745	332	289	299
11	378	266	397	338	464	1546	1795	3151	715	332	285	298
12	377	221	382	338	410	1627	1726	2569	682	326	281	296
13	391	352	371	312	393	1583	1648	2211	658	320	277	296
14	384	369	364	258	379	1612	1586	1949	622	315	276	294
15	352	344	352	233	369	1763	1520	1833	592	310	273	315
16	350	314	341	316	381	1978	1451	1698	568	307	272	322
17	376	320	332	349	421	2117	1402	1602	542	308	275	335
18	364	311	298	309	444	2176	1389	1591	519	323	278	322
19	355	283	238	274	537	2022	1394	1665	511	419	277	336
20	344	263	221	284	676	1995	1461	1861	506	397	281	328
21	341	307	252	321	811	2215	1441	2005	499	420	282	314
22	337	307	344	306	907	2643	1656	2045	471	381	277	352
23	318	301	379	302	1143	3020	1812	2061	456	361	274	352
24	409	293	313	324	1103	2821	2082	2048	479	363	272	330
25	372	266	301	362	898	2463	2049	1850	512	405	273	324
26	370	255	340	396	823	2333	1875	1773	545	370	273	324
27	350	297	321	412	790	2086	1774	1698	507	353	284	323
28	276	314	319	414	798	3830	1804	1555	469	334	289	319
29	220	298	326	---	804	3320	2452	1434	442	325	280	317
30	270	287	320	---	844	2776	2956	1361	424	313	275	315
31	---	301	323	---	935	---	3050	---	412	309	---	320
TOTAL	10516	10159	10389	8951	18697	61727	59962	62572	21154	10912	8583	9685
MEAN	351	328	335	320	603	2058	1934	2086	682	352	286	312
MAX	409	539	431	414	1143	3830	3050	3151	1304	420	314	352
MIN	220	221	221	233	369	1128	1389	1361	412	307	272	270
AC-FT	20859	20151	20606	17755	37085	122435	118934	124111	41958	21645	17024	19210

IRRIGATION YEAR 1990 TOTAL 293306 MEAN 804 AC-FT 581773

PRELIMINARY DATA

11-FEB-91

13186000 SOUTH FORK BOISE RIVER NR FEATHERVILLE
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1989 TO OCTOBER 1990
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	188	169	173	186	208	522	1022	1748	700	279	173	150
2	187	173	180	178	225	626	993	1578	680	277	169	195
3	208	182	155	173	237	744	969	1453	671	269	168	156
4	218	207	154	180	236	834	959	1382	601	251	165	165
5	224	254	166	168	224	843	1007	1357	554	243	167	163
6	207	248	176	166	217	824	1130	1361	522	239	178	169
7	205	212	193	175	221	822	1224	1396	498	233	180	175
8	200	195	214	177	235	850	1162	1430	474	226	178	169
9	201	207	225	175	225	802	1067	1462	460	221	171	169
10	212	171	213	190	233	764	1014	1759	474	217	163	170
11	214	127	207	196	243	799	986	1936	459	217	195	167
12	209	119	200	190	224	824	962	1609	451	215	157	167
13	211	149	197	171	211	808	925	1395	426	210	156	167
14	207	184	197	144	214	837	899	1266	406	268	154	167
15	185	194	194	141	214	936	867	1215	385	192	152	191
16	203	184	192	176	219	1032	833	1104	379	190	150	189
17	208	181	172	181	235	1112	809	1036	391	194	154	186
18	201	182	149	171	246	1074	794	1011	379	248	152	182
19	196	163	131	168	282	996	799	1052	370	251	151	186
20	193	143	133	161	316	987	847	1124	369	262	164	178
21	191	171	152	173	368	1105	832	1155	373	273	158	175
22	185	180	172	186	424	1290	986	1158	353	240	150	184
23	176	177	200	186	495	1296	1032	1149	395	236	151	183
24	223	173	187	189	471	1185	1103	1124	339	252	154	178
25	199	155	174	195	413	1060	1055	1042	336	284	155	176
26	204	148	184	196	395	1031	981	980	355	267	161	178
27	191	155	185	199	387	971	940	928	356	223	166	178
28	141	174	185	200	370	1510	1034	856	329	196	164	175
29	130	169	188	---	365	1249	1667	788	307	194	159	175
30	149	167	184	---	388	1094	1919	744	301	180	155	176
31	---	164	185	---	435	---	1939	---	293	174	---	176
TOTAL	5865	5477	5615	4989	9172	28824	32755	37593	13385	7219	4870	5413
MEAN	195	177	181	178	296	961	1057	1253	432	233	162	175
MAX	224	254	225	200	495	1510	1939	1936	700	284	195	195
MIN	130	119	131	141	208	522	794	744	293	174	150	150
AC-FT	11632	10863	11137	9896	18192	57172	64969	74565	26548	14319	9660	10737

IRRIGATION YEAR 1990 TOTAL 161175 MEAN 442 AC-FT 319691

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PRELIMINARY DATA

14-NOV-90

13190500 SOUTH FORK BOISE RIVER AT ANDERSON RANCH DAM
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1989 TO OCTOBER 1990
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	299	309	308	303	305	597	597	1594	1543	1609	605	296
2	299	308	308	303	303	598	599	1595	1546	1608	604	295
3	299	307	306	303	303	602	597	1594	1549	1619	602	297
4	299	309	306	303	302	598	601	1594	1546	1619	601	299
5	299	308	306	303	302	598	596	1591	1542	1613	599	294
6	299	303	304	304	303	602	601	1591	1546	1612	601	294
7	298	303	305	303	302	603	602	1565	1549	1611	600	295
8	300	304	308	303	303	604	599	1548	1546	1618	602	297
9	299	306	306	303	303	604	598	1546	1542	1618	602	298
10	299	306	304	302	303	602	597	1544	1543	1617	600	297
11	299	306	303	304	303	598	597	1546	1545	1614	599	271
12	299	306	301	304	303	599	597	1550	1547	1610	599	260
13	299	306	301	303	304	601	598	1552	1543	1610	602	260
14	299	303	303	306	304	601	601	1547	1548	1606	603	260
15	299	303	303	306	303	601	598	1543	1543	1077	603	282
16	299	303	302	306	301	600	595	1539	1586	812	604	299
17	299	303	305	305	299	600	600	1547	1626	617	328	299
18	299	303	304	306	297	604	604	1545	1625	611	300	299
19	295	303	303	306	302	602	595	1545	1626	610	302	299
20	322	304	303	304	304	599	599	1543	1624	610	301	301
21	333	303	303	302	301	602	598	1541	1623	611	301	300
22	333	303	303	303	300	604	598	1541	1619	610	299	303
23	333	303	301	303	303	606	597	1541	1614	610	299	304
24	322	303	300	303	302	602	604	1549	1609	610	299	303
25	318	303	304	303	300	600	1138	1550	1611	610	299	303
26	320	305	305	308	298	603	1567	1543	1616	610	299	303
27	317	305	305	311	302	603	1591	1552	1609	610	298	303
28	306	307	303	306	306	600	1592	1553	1605	609	299	302
29	307	308	309	---	317	598	1595	1550	1612	608	299	302
30	308	306	301	---	571	599	1596	1548	1609	606	297	300
31	---	306	303	---	602	---	1593	---	1609	607	---	301
TOTAL	9200	9453	9424	8514	9951	18029	25039	46684	48998	33621	13844	9118
MEAN	307	305	304	304	321	601	808	1556	1581	1085	461	294
MAX	333	309	309	311	602	606	1596	1595	1626	1619	605	304
MIN	295	303	300	302	297	597	595	1539	1542	606	297	260
AC-FT	18247	18749	18692	16888	19737	35760	49665	92597	97188	66687	27459	18085
IRRIGATION YEAR 1990												
TOTAL				241874	MEAN	663	AC-FT 479756					

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13194100 BOISE RIVER AT ARROWROCK DAM
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1989 TO OCTOBER 1990
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	0.0	277	212	146	173	994	4995	1821	3708	3449	1100	0.0
2	0.0	278	215	147	174	1002	4810	1995	3874	3407	1107	0.0
3	0.0	279	218	149	175	1009	4605	2025	4163	3420	1106	0.0
4	0.0	281	220	149	176	1019	4400	1467	4203	3399	1104	0.0
5	0.0	282	221	150	177	1923	4205	847	3945	3212	1101	0.0
6	0.0	283	225	151	179	2463	4040	1831	3774	3356	1098	0.0
7	0.0	285	228	152	180	2463	2929	2388	3717	2588	1074	0.0
8	142	286	230	153	181	2463	2457	2851	3663	2110	1094	0.0
9	246	287	234	154	182	2463	2502	3100	3606	2109	1092	0.0
10	247	288	236	155	184	3507	2885	3155	3734	2138	1090	0.0
11	249	289	240	156	185	4053	3270	2828	3757	2174	1087	0.0
12	251	290	242	157	186	4010	3216	2418	3679	2199	1084	0.0
13	252	283	245	159	187	3968	3132	2375	3832	1768	1078	0.0
14	253	287	247	159	188	3923	3040	2378	3780	1563	868	0.0
15	255	300	249	160	189	3883	3098	2585	3679	1617	722	0.0
16	257	309	251	160	190	4798	3227	3078	3713	1130	726	0.0
17	259	317	255	160	190	5282	3301	3264	3702	879	728	0.0
18	261	331	177	162	191	6129	3272	3153	3827	886	729	0.0
19	262	221	130	163	192	6449	3234	3094	3965	911	728	0.0
20	264	171	131	164	675	6260	3182	3101	3857	936	727	0.0
21	266	175	133	165	967	6084	3400	3112	3907	960	242	0.0
22	268	179	134	166	969	5883	3420	3342	3775	980	554	0.0
23	270	183	135	167	972	6102	3164	3485	3973	997	0.0	0.0
24	270	186	137	168	975	6140	3033	3493	3984	1012	0.0	0.0
25	271	190	138	169	978	5925	3036	3655	4993	1027	0.0	0.0
26	272	194	139	170	980	5700	3040	3829	4225	1041	0.0	0.0
27	273	198	140	171	982	5350	3056	3812	3379	1047	0.0	0.0
28	275	200	141	172	982	5335	2866	3790	3175	1059	0.0	0.0
29	276	203	143	---	985	5275	2154	3768	3444	1076	0.0	0.0
30	277	206	144	---	987	5155	1661	3741	3735	1085	0.0	0.0
31	---	209	145	---	990	---	1504	---	4117	1084	---	0.0
TOTAL	5916	7747	5935	4454	14921	125010	100134	85781	118885	54619	20239	0
MEAN	197	250	191	159	481	4167	3230	2859	3835	1762	675	0.0
MAX	277	331	255	172	990	6449	4995	3829	4993	3449	1107	0.0
MIN	0.0	171	130	146	173	994	1504	847	3175	879	0.0	0.0
AC-FT	11734	15366	11772	8835	29596	247957	198616	170147	235808	108337	40144	0
IRRIGATION YEAR 1990 TOTAL 543641 MEAN 1489 AC-FT 1078311												

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PRELIMINARY DATA

14-NOV-90

13200000 MORES CREEK ABOVE ROBIE CREEK
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1989 TO OCTOBER 1990
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	59	100	197	73	123	363	772	556	90	31	21	21
2	56	101	210	74	129	402	688	508	94	29	19	20
3	58	144	195	75	175	443	617	465	111	28	18	21
4	62	142	181	77	204	456	561	426	95	27	17	26
5	68	111	213	64	184	432	525	391	87	26	18	27
6	64	99	233	80	177	400	502	370	80	24	18	28
7	64	91	249	78	180	382	472	369	75	22	19	31
8	64	78	336	79	188	395	433	337	71	21	20	31
9	63	78	372	84	164	392	399	315	67	18	19	32
10	64	59	345	92	182	350	375	325	63	18	18	31
11	65	53	310	98	202	335	354	306	59	20	18	31
12	65	114	297	95	161	340	334	283	55	19	17	32
13	69	159	270	84	150	326	316	276	52	16	16	32
14	69	146	247	64	140	317	298	260	48	15	16	31
15	63	135	183	66	132	324	283	258	45	15	16	34
16	61	128	131	90	136	345	270	241	43	14	15	36
17	66	131	106	102	145	371	256	223	40	15	17	37
18	69	138	85	108	172	411	248	215	39	15	18	38
19	67	119	86	106	232	380	240	199	38	22	18	42
20	64	129	73	115	286	347	261	184	39	29	17	43
21	63	147	80	100	332	482	259	173	39	31	18	40
22	60	149	102	96	353	587	272	162	35	32	18	49
23	59	137	90	98	446	793	273	151	33	30	18	56
24	79	137	89	95	439	774	312	139	36	28	18	49
25	78	132	102	107	357	644	301	131	41	33	18	45
26	79	138	87	112	331	610	276	122	51	33	19	43
27	71	155	76	116	317	571	265	114	52	29	20	43
28	45	170	85	118	337	1366	288	109	45	27	21	42
29	82	166	81	---	327	1148	407	103	39	24	20	42
30	129	176	76	---	328	917	474	96	35	22	21	42
31	---	186	75	---	336	---	538	---	33	21	---	44
TOTAL	2023	3946	5261	2546	7364	15400	11868	7804	1728	732	544	1116
MEAN	67	127	170	91	238	513	383	260	56	24	18	36
MAX	129	186	372	118	446	1366	772	556	111	33	21	56
MIN	45	53	73	64	123	317	240	96	33	14	15	20
AC-FT	4012	7826	10436	5051	14606	30546	23540	15480	3426	1453	1079	2213

IRRIGATION YEAR 1990 TOTAL 60332 MEAN 165 AC-FT 119669

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PRELIMINARY DATA

14-NOV-90

13203600 BOISE RIVER BELOW DIVERSION DAM NR BOISE
 DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1989 TO OCTOBER 1990
 MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	164	152	150	150	155	158	1365	1059	1727	1419	1213	553
2	160	152	150	150	153	163	1353	1060	1734	1421	1216	509
3	162	152	150	150	155	237	1348	1062	1730	1420	1214	482
4	167	152	150	152	155	391	1346	1064	1718	1418	1214	468
5	167	153	150	152	155	472	1378	1163	1699	1419	1213	427
6	165	152	150	155	155	563	1391	1357	1685	1419	1215	378
7	160	151	150	152	155	595	1462	1503	1679	1422	1222	383
8	159	152	159	152	155	605	1563	1604	1678	1422	1218	384
9	160	152	164	152	162	783	1593	1643	1637	1412	1226	379
10	165	152	159	152	166	908	1592	1643	1566	1420	1220	380
11	165	152	152	151	167	1061	1629	1657	1521	1421	1205	383
12	164	149	150	152	163	1174	1659	1671	1512	1423	1200	354
13	164	148	150	152	159	1307	1673	1681	1514	1424	1228	304
14	164	150	151	152	159	1399	1680	1681	1515	1426	1233	302
15	162	150	150	150	159	1403	1682	1673	1516	1428	1231	258
16	162	149	150	151	158	1551	1654	1647	1520	1431	1232	223
17	162	150	150	150	160	1720	1647	1638	1531	1472	1129	191
18	161	150	150	151	159	1792	1666	1631	1544	1506	1062	172
19	160	150	150	149	157	1807	1672	1607	1539	1505	1057	175
20	156	150	150	148	158	1768	1675	1588	1533	1467	1057	177
21	155	151	150	152	157	1738	1673	1587	1530	1374	795	189
22	155	152	150	152	155	1743	1673	1621	1532	1314	569	165
23	155	152	151	151	156	1734	1670	1648	1518	1286	570	149
24	155	151	149	152	151	1684	1663	1654	1501	1239	570	147
25	154	152	147	152	152	1599	1567	1683	1481	1197	576	147
26	154	151	150	153	152	1553	1525	1717	1472	1187	612	147
27	152	152	150	153	157	1506	1514	1728	1441	1182	639	145
28	152	151	149	154	156	1425	1515	1726	1406	1180	634	145
29	152	150	147	---	155	1382	1377	1728	1398	1182	632	152
30	152	150	147	---	157	1381	1173	1726	1407	1182	632	140
31	---	150	147	---	158	---	1081	---	1417	1197	---	140
TOTAL	4784	4678	4670	4243	4868	35602	47457	46447	48199	42214	30032	8546
MEAN	159	151	151	152	157	1187	1531	1548	1555	1362	1001	276
MAX	167	153	164	155	167	1807	1682	1728	1734	1506	1233	553
MIN	152	148	147	148	151	158	1081	1059	1398	1180	569	140
AC-FT	9489	9279	9263	8415	9655	70616	94131	92127	95602	83732	59569	16951
IRRIGATION YEAR 1990			TOTAL	281739	MEAN	772	AC-FT	558829				

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PRELIMINARY DATA

14-NOV-90

13206000 BOISE RIVER AT GLENWOOD BRIDGE
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1989 TO OCTOBER 1990
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	220	168	173	184	169	147	577	451	731	736	609	430
2	198	170	170	180	174	156	574	436	744	736	622	354
3	195	169	179	178	190	194	568	434	741	736	606	339
4	194	168	189	177	176	488	547	419	735	732	596	324
5	200	169	182	177	172	563	543	402	713	737	608	318
6	205	170	182	181	170	566	541	507	702	741	626	314
7	192	170	208	180	169	608	560	645	698	748	638	287
8	184	172	201	183	167	643	642	730	711	724	652	286
9	182	173	190	196	167	647	670	777	713	752	669	292
10	191	166	189	194	173	685	651	767	708	740	655	291
11	189	168	179	184	180	750	659	767	695	731	614	292
12	188	166	173	181	167	799	685	762	725	741	561	286
13	199	181	172	180	159	823	689	772	719	750	582	221
14	201	168	172	181	159	835	689	770	703	755	595	219
15	201	166	168	182	158	813	680	766	701	762	598	248
16	200	167	169	181	153	815	662	743	704	786	603	228
17	190	170	169	179	154	881	642	728	715	816	607	210
18	192	171	172	176	159	880	651	708	731	853	571	145
19	189	170	171	177	158	847	658	666	744	865	579	159
20	193	169	171	174	155	828	681	614	741	873	574	154
21	189	172	170	175	166	859	676	603	734	812	583	163
22	191	173	171	171	162	862	692	624	738	740	484	205
23	187	173	170	170	168	905	684	654	727	702	478	178
24	190	173	169	170	170	857	759	671	750	661	477	174
25	165	172	171	170	167	818	661	689	781	625	469	172
26	168	173	171	169	172	677	623	722	780	605	512	173
27	168	173	177	170	161	692	623	726	762	601	474	173
28	169	172	180	170	153	651	651	715	732	601	464	172
29	171	173	178	---	162	601	777	734	723	611	464	215
30	168	173	181	---	156	589	582	724	725	611	465	168
31	---	172	178	---	146	---	510	---	740	613	---	167
TOTAL	5668	5286	5492	4987	5108	20478	19805	19724	22564	22494	17034	7354
MEAN	189	171	177	178	165	683	639	657	728	726	568	237
MAX	220	181	208	196	190	905	777	777	781	873	669	430
MIN	165	166	168	169	146	147	510	402	695	601	464	145
AC-FT	11243	10485	10893	9892	10133	40618	39283	39122	44755	44617	33788	14587
IRRIGATION YEAR 1990 TOTAL 155995 MEAN 427 AC-FT 309416												

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PRELIMINARY DATA

11-FEB-91

13210050 BOISE RIVER NR MIDDLETON
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1989 TO OCTOBER 1990
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	---	---	---	---	---	224	241	276	159	185	176	224
2	---	---	---	---	---	212	235	245	178	175	172	236
3	---	---	---	---	---	193	224	235	208	177	170	225
4	---	---	---	---	---	199	197	209	217	186	174	219
5	---	---	---	---	---	255	159	147	210	161	155	211
6	---	---	---	---	---	239	132	100	199	157	139	211
7	---	---	---	---	---	214	114	175	187	167	150	213
8	---	---	---	---	---	186	77	218	196	172	162	215
9	---	---	---	---	---	176	73	242	204	161	170	215
10	---	---	---	---	---	137	71	225	192	149	179	216
11	---	---	---	---	---	140	71	230	178	143	183	210
12	---	---	---	---	---	164	72	217	184	149	184	265
13	---	---	---	---	---	188	90	230	185	157	179	251
14	---	---	---	---	245	199	84	238	174	159	191	234
15	---	---	---	---	244	170	84	269	159	150	199	234
16	---	---	---	---	238	153	111	271	163	157	193	240
17	---	---	---	---	241	161	117	257	174	173	206	221
18	---	---	---	---	242	148	121	255	178	198	183	212
19	---	---	---	---	243	145	130	235	198	253	193	205
20	---	---	---	---	242	141	154	198	206	312	213	203
21	---	---	---	---	239	153	184	164	203	325	222	195
22	---	---	---	---	238	182	202	133	205	288	192	201
23	---	---	---	---	245	255	210	130	236	269	164	211
24	---	---	---	---	241	290	291	136	249	261	165	209
25	---	---	---	---	237	269	303	129	205	261	150	206
26	---	---	---	---	233	237	245	143	223	241	132	208
27	---	---	---	---	229	252	230	169	229	231	164	206
28	---	---	---	---	231	296	262	153	210	205	172	206
29	---	---	---	---	232	253	442	145	193	193	173	206
30	---	---	---	---	228	247	431	162	191	182	171	206
31	---	---	---	---	222	---	331	---	194	181	---	206
TOTAL						6078	5686	5935	6085	6179	5273	6715
MEAN						203	183	198	196	199	176	217
MAX						296	442	276	249	325	222	265
MIN						137	71	100	159	143	132	195
AC-FT						12056	11278	11771	12069	12257	10459	13320

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PRELIMINARY DATA

14-NOV-90

13213000 BOISE RIVER PARMA
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1989 TO OCTOBER 1990
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	977	866	815	762	784	184	1074	1339	198	442	650	708
2	971	861	824	765	794	152	1027	1176	215	432	630	773
3	966	861	808	755	814	111	915	1116	374	360	661	731
4	967	872	805	756	823	82	771	1012	422	364	645	762
5	964	875	809	746	810	100	630	807	466	356	608	784
6	953	871	811	744	795	136	449	652	379	352	574	764
7	949	869	821	746	793	119	383	644	380	333	598	765
8	929	866	861	746	790	117	347	693	365	314	638	745
9	934	870	826	758	786	139	326	684	390	273	667	745
10	926	856	799	796	797	108	308	646	344	279	697	731
11	923	844	781	791	807	100	273	701	291	302	705	741
12	925	845	776	767	792	110	282	610	271	301	688	701
13	924	839	773	760	764	132	351	666	299	327	669	814
14	906	836	789	754	699	139	418	662	320	368	674	702
15	892	841	805	746	648	122	422	640	292	344	707	711
16	901	836	778	761	623	123	452	577	285	331	731	817
17	911	838	768	769	584	105	503	514	258	346	788	803
18	914	838	752	748	531	101	499	569	256	441	826	786
19	900	829	756	737	524	111	525	519	246	635	797	844
20	897	824	751	744	498	113	593	400	292	793	826	885
21	901	827	746	762	424	165	795	328	330	910	834	870
22	897	826	749	767	384	325	758	284	333	901	832	903
23	901	828	750	764	356	588	770	233	353	849	747	912
24	907	822	744	768	364	996	924	206	444	829	708	872
25	917	824	740	773	347	965	1265	212	490	930	720	868
26	909	820	743	776	330	946	1119	168	609	901	649	859
27	888	824	734	781	309	975	1060	178	720	867	611	846
28	876	827	743	783	308	1241	1232	197	689	765	670	827
29	870	824	756	---	293	1187	1539	199	591	693	665	811
30	880	815	756	---	257	1111	1799	215	537	632	688	808
31	---	813	756	---	228	---	1390	---	489	621	---	826
TOTAL	27572	26082	24121	21326	18057	10902	23198	16845	11926	16589	20901	24711
MEAN	919	841	778	762	582	363	748	562	385	535	697	797
MAX	977	875	861	796	823	1241	1799	1339	720	930	834	912
MIN	870	813	734	737	228	82	273	168	198	273	574	701
AC-FT	54689	51734	47843	42300	35815	21624	46012	33412	23655	32904	41457	49014
IRRIGATION YEAR 1990 TOTAL 242228 MEAN 664 AC-FT 480459												

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RESERVOIRS

RESERVOIRS

PRELIMINARY DATA

14-NOV-90

13190000 ANDERSON RANCH RESERVOIR
 CONTENTS IN ACRE FEET, IRRIGATION YEAR NOVEMBER 1989 TO OCTOBER 1990

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	230840	227351	222557	219492	217005	228819	270276	301301	291766	220501	170969	156319
2	230641	227290	222466	219425	217035	229598	272016	301930	290068	217775	170225	156144
3	230618	227062	222254	219103	217197	230377	273467	302315	288455	215081	169449	155956
4	230511	227024	222164	219058	217197	231155	274815	302516	286667	212356	168617	155787
5	230443	227024	221990	219021	217264	231934	276271	302629	284848	209643	167966	155618
6	230420	227092	221793	218999	217560	232713	277883	302813	282852	206859	167115	155455
7	230274	227092	221990	218961	217560	233491	279501	302970	280860	204114	166431	155318
8	230175	227024	222035	218827	217686	234270	281265	302393	278805	201301	165685	155155
9	230137	227024	222035	218864	217649	235049	282337	302743	276637	198458	164947	154954
10	230045	226849	221990	218827	217878	235925	283654	303550	274598	195625	164189	154792
11	229900	226591	221899	218864	217878	236986	285188	305637	272521	192894	163419	154624
12	229740	226287	221929	218700	217945	238692	286514	306140	270276	190105	162633	154493
13	229701	226021	221861	218565	217945	238731	287449	306220	268044	187387	161868	154374
14	229633	225952	221861	218311	217982	239894	288010	306017	265704	184656	161059	154243
15	229434	225929	221861	218049	217908	242305	288918	305716	263334	182886	160275	154013
16	229342	225717	221793	218049	217982	242171	289613	305177	260917	181723	159408	153907
17	229266	225557	221755	218049	218117	243898	290703	304364	258460	180892	158863	153776
18	229166	225489	221755	217841	218206	245418	291543	303656	255986	180274	158648	153496
19	229060	225321	221234	217649	218543	246838	292335	302891	253511	179622	158445	153390
20	228930	225086	220994	217434	218931	248409	293309	302358	250750	178805	158280	153171
21	228708	224949	220740	217331	219552	250153	293904	301860	248235	178366	158084	152997
22	228708	224888	220606	217434	220344	252330	295344	301371	245767	177721	157919	152816
23	228494	224683	220479	217353	221362	254474	296718	300873	243247	177053	157723	152585
24	228494	224683	220008	217197	222322	256236	298157	300217	240726	176320	157559	152442
25	228494	224357	219881	217160	223094	257888	298306	299457	238142	175858	157397	152230
26	228425	224160	219754	217094	223881	259349	297660	298506	235785	175185	157221	152031
27	228357	223986	219724	217035	224926	261015	296867	297399	233273	174599	157058	151839
28	228158	223820	219754	216946	225705	264478	296326	296169	230947	173907	156858	151622
29	227853	223033	219724	---	226483	266811	297198	294775	228295	173228	156645	151411
30	227632	222928	219597	---	227262	268652	298611	293257	225755	172477	156445	151212
31	---	222685	219656	---	228041	---	300296	---	223094	171694	---	151076
MAX	230840	227351	222557	219492	228041	268652	300296	306220	291766	220501	170969	156319
MIN	227632	222685	219597	216946	217005	228819	270276	293257	223094	171694	156445	151076
CHNG		-4947	-3029	-2710	11095	40611	31644	-7039	-70163	-51400	-15249	-5369

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PRELIMINARY DATA

14-NOV-90

13194000 ARROWROCK RESERVOIR
 CONTENTS IN ACRE FEET, IRRIGATION YEAR NOVEMBER 1989 TO OCTOBER 1990

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	23150	55136	81526	110672	139039	174455	91672	87042	132961	42605	31056	41020
2	25077	55889	82507	111643	140358	176455	88468	91307	130921	39249	30807	42140
3	26391	56832	83172	112627	141958	178884	85253	95566	128337	36052	30560	43401
4	28044	57975	83855	113567	143681	182508	82226	101279	125241	33879	30328	44566
5	29512	59343	84580	114467	145095	183522	79638	107348	122617	31920	30064	45823
6	31090	60472	85431	115438	146310	183474	77789	111749	120285	29402	29836	47054
7	32632	61500	86403	116365	147784	183361	78718	115032	117902	28084	29783	48151
8	33830	62473	87314	117403	149321	183361	80132	117640	115585	28134	29582	49550
9	34798	63436	88226	118416	150747	183293	80732	119957	113276	28038	29349	50836
10	35801	64280	89136	119484	152278	180897	80415	122847	110634	27881	29102	52046
11	36825	64907	90068	120512	153835	177424	79125	127041	107786	27626	28839	53283
12	37798	65426	91061	121629	155155	174198	77802	130637	105190	27295	28559	54663
13	38809	66311	91895	122502	156413	171028	76500	131721	102485	27872	28286	55925
14	39817	67309	92728	123323	157594	167897	75180	135442	99544	28907	28450	57225
15	40780	68210	93561	124026	158680	165236	73644	137120	96724	29086	28945	58381
16	41838	69008	94429	125031	159856	161244	71991	137664	93713	29364	29411	60044
17	42855	69791	95771	125961	161098	156558	69945	137525	90634	29821	29636	61473
18	43813	70549	96467	126920	162398	150244	67970	137584	87393	30104	29488	62866
19	44744	71322	97370	127742	163972	142898	66051	137938	83869	30391	29342	64242
20	45666	71922	98269	128679	164856	137258	64451	138620	80490	30873	29194	65606
21	46645	72904	99170	129717	165462	131618	61046	139541	77129	31199	29984	66933
22	47437	73740	100279	130741	166200	125984	59991	140279	74006	31423	30800	68413
23	48318	74523	101382	131739	167414	120341	58758	140743	70645	31559	31616	69863
24	49272	75341	102535	132781	168165	115253	58643	141200	67189	31656	32577	71250
25	50259	76051	103556	133958	168249	109986	59097	140916	62981	31833	33787	72662
26	51243	77021	104557	135199	169683	104865	60330	140002	59175	31903	34982	74023
27	52455	77789	105580	136464	170101	100004	61562	138963	57105	31913	36224	75388
28	53187	78567	106600	137764	170587	99357	62783	137705	55049	31856	37437	76857
29	53751	79318	107624	---	170982	97689	65061	136243	52479	31712	38588	78134
30	54427	80027	108602	---	171822	94885	73769	134638	49286	31503	39801	79548
31	---	80732	109589	---	173006	---	80912	---	45481	31279	---	80974
MAX	54427	80732	109589	137764	173006	183522	91672	141200	132961	42605	39801	80974
MIN	23150	55136	81526	110672	139039	94885	58643	87042	45481	27295	28286	41020
CHNG		26305	28857	28175	35242	-78121	-13973	53726	-89157	-14202	8522	41173

PRELIMINARY DATA

14-NOV-90

13201500 LUCKY PEAK RESERVOIR
 CONTENTS IN ACRE FEET, IRRIGATION YEAR NOVEMBER 1989 TO OCTOBER 1990

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	37906	46492	59322	72625	82665	109618	245279	265253	263385	263958	173198	72671
2	37727	46876	59811	72975	83712	110502	250328	266107	263362	264371	170382	69150
3	37561	47328	60300	73165	84393	111118	254753	266874	263990	264837	167495	65766
4	37382	47822	60733	73531	85016	111415	258644	266186	264759	264183	164508	62382
5	37229	48637	61243	73754	85655	113039	262070	263798	264976	263330	161645	61153
6	37113	48913	61750	74107	86293	115264	264920	262890	264782	262867	158690	60703
7	36960	49386	62335	74345	86886	117392	265438	263005	264533	261282	155609	60093
8	37089	49837	62985	74710	87596	119513	264588	263633	264183	258345	152699	59368
9	37446	50296	63556	75320	87646	121354	263766	264703	263743	255507	149762	58702
10	37842	50703	64241	75657	88326	124909	263495	265802	263825	252653	146752	57952
11	38226	51098	64896	76025	88973	129155	263903	266130	264036	249927	143761	57339
12	38598	51449	65632	76396	89572	133222	264068	265641	264036	247244	140705	56741
13	38973	51814	66212	76591	90219	136894	264068	264920	264068	243701	137665	56262
14	39528	52242	66935	76866	90789	140152	263743	264229	264151	239734	134186	55780
15	39906	52668	67616	77172	91388	143372	263656	263656	264013	235885	130405	55463
16	40283	53094	68328	77499	91961	148495	263463	263825	263935	231159	126687	55219
17	40700	53522	68966	77885	92616	154112	263330	264316	263825	225922	123119	54958
18	41144	53966	69026	78211	93258	160838	263275	264510	263798	220847	119642	54754
19	41540	54596	69214	78538	94027	167980	263083	264533	263958	215842	116210	54382
20	41949	54582	69416	78864	95353	174443	262977	264510	263903	211436	112777	54224
21	42346	54900	69586	79235	97501	180686	263518	264316	263848	207345	109058	54008
22	42758	55564	69837	79630	99580	186565	264431	264128	263550	203578	106317	53894
23	43158	55911	70088	80008	101065	193497	264671	264151	263463	199912	102572	53766
24	43624	56262	70341	80401	102159	200634	264533	264096	263578	196696	98849	53592
25	44094	56609	70527	80827	103152	207325	264782	264206	264316	193371	95161	53406
26	44550	56945	70887	81258	104016	213565	265198	264284	264588	190295	91461	53191
27	45023	57264	71156	81736	104948	219213	265664	264261	263711	187405	87629	52993
28	45403	57673	71409	82168	105858	226513	266324	264128	262867	184507	83861	52781
29	45744	58069	71801	---	106792	233348	266352	263958	262565	181628	80088	52682
30	46097	58497	72040	---	107693	239734	265391	263766	262835	178818	76333	52468
31	---	58895	72311	---	108596	---	264948	---	263903	176025	---	52325
MAX	46097	58895	72311	82168	108596	239734	266352	266874	264976	264837	173198	72671
MIN	36960	46492	59322	72625	82665	109618	245279	262890	262565	176025	76333	52325
CHNG		12798	13416	9857	26428	131138	25214	-1182	137	-87878	-99692	-24008

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IN STREAM FLOW RELEASES

14-NOV-90

13201990 FISH AND GAME INSTREAM FLOW RELEASE
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1989 TO OCTOBER 1990
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	70	70	70	70	70	70	0.0	0.0	0.0	0.0	0.0	0.0
2	70	70	70	70	70	70	0.0	0.0	0.0	0.0	0.0	0.0
3	70	70	70	70	70	70	0.0	0.0	0.0	0.0	0.0	0.0
4	70	70	70	70	70	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	70	70	70	70	70	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6	70	70	70	70	70	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	70	70	70	70	70	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8	70	70	70	70	70	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9	70	70	70	70	70	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	70	70	70	70	70	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11	70	70	70	70	70	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12	70	70	70	70	70	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13	70	70	70	70	70	0.0	0.0	0.0	0.0	0.0	0.0	70
14	70	70	70	70	70	0.0	0.0	0.0	0.0	0.0	0.0	70
15	70	70	70	70	70	0.0	0.0	0.0	0.0	0.0	0.0	70
16	70	70	70	70	70	0.0	0.0	0.0	0.0	0.0	0.0	70
17	70	70	70	70	70	0.0	0.0	0.0	0.0	0.0	0.0	70
18	70	70	70	70	70	0.0	0.0	0.0	0.0	0.0	0.0	70
19	70	70	70	70	70	0.0	0.0	0.0	0.0	0.0	0.0	70
20	70	70	70	70	70	0.0	0.0	0.0	0.0	0.0	0.0	70
21	70	70	70	70	70	0.0	0.0	0.0	0.0	0.0	0.0	70
22	70	70	70	70	70	0.0	0.0	0.0	0.0	0.0	0.0	70
23	70	70	70	70	70	0.0	0.0	0.0	0.0	0.0	0.0	70
24	70	70	70	70	70	0.0	0.0	0.0	0.0	0.0	0.0	70
25	70	70	70	70	70	0.0	0.0	0.0	0.0	0.0	0.0	70
26	70	70	70	70	70	0.0	0.0	0.0	0.0	0.0	0.0	70
27	70	70	70	70	70	0.0	0.0	0.0	0.0	0.0	0.0	70
28	70	70	70	70	70	0.0	0.0	0.0	0.0	0.0	0.0	70
29	70	70	70	---	70	0.0	0.0	0.0	0.0	0.0	0.0	70
30	70	70	70	---	70	0.0	0.0	0.0	0.0	0.0	0.0	70
31	---	70	70	---	70	---	0.0	---	0.0	0.0	---	70
TOTAL	2100	2170	2170	1960	2170	210	0	0	0	0	0	1330
MEAN	70	70	70	70	70	7.0	0.0	0.0	0.0	0.0	0.0	43
MAX	70	70	70	70	70	70	0.0	0.0	0.0	0.0	0.0	70
MIN	70	70	70	70	70	0.0	0.0	0.0	0.0	0.0	0.0	0.0
AC-FT	4165	4304	4304	3888	4304	417	0	0	0	0	0	2638

IRRIGATION YEAR 1990 TOTAL 12110 MEAN 33 AC-FT 24020

A-100

14-NOV-90

13201991 BUREAU OF RECLAMATION INSTREAM FLOW RELEASE
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1989 TO OCTOBER 1990
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	94	82	80	80	85	88	0.0	0.0	0.0	0.0	0.0	0.0
2	90	82	80	80	83	93	0.0	0.0	0.0	0.0	0.0	0.0
3	92	82	80	80	85	150	0.0	0.0	0.0	0.0	0.0	0.0
4	97	82	80	82	85	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	97	83	80	82	85	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6	95	82	80	85	85	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	90	81	80	82	85	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8	89	82	89	82	85	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9	90	82	94	82	92	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	95	82	89	82	96	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11	95	82	82	81	97	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12	94	79	80	82	93	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13	94	78	80	82	89	0.0	0.0	0.0	0.0	0.0	0.0	150
14	94	80	81	82	89	0.0	0.0	0.0	0.0	0.0	0.0	150
15	92	80	80	80	89	0.0	0.0	0.0	0.0	0.0	0.0	150
16	92	79	80	81	88	0.0	0.0	0.0	0.0	0.0	0.0	150
17	92	80	80	80	90	0.0	0.0	0.0	0.0	0.0	0.0	121
18	91	80	80	81	89	0.0	0.0	0.0	0.0	0.0	0.0	102
19	90	80	80	79	87	0.0	0.0	0.0	0.0	0.0	0.0	105
20	86	80	80	78	88	0.0	0.0	0.0	0.0	0.0	0.0	107
21	85	81	80	82	87	0.0	0.0	0.0	0.0	0.0	0.0	119
22	85	82	80	82	85	0.0	0.0	0.0	0.0	0.0	0.0	95
23	85	82	81	81	86	0.0	0.0	0.0	0.0	0.0	0.0	79
24	85	81	79	82	81	0.0	0.0	0.0	0.0	0.0	0.0	77
25	84	82	77	82	82	0.0	0.0	0.0	0.0	0.0	0.0	77
26	84	81	80	83	82	0.0	0.0	0.0	0.0	0.0	0.0	77
27	82	82	80	83	87	0.0	0.0	0.0	0.0	0.0	0.0	75
28	82	81	79	84	86	0.0	0.0	0.0	0.0	0.0	0.0	75
29	82	80	77	---	85	0.0	0.0	0.0	0.0	0.0	0.0	82
30	82	80	77	---	87	0.0	0.0	0.0	0.0	0.0	0.0	70
31	---	80	77	---	88	---	0.0	---	0.0	0.0	---	70
TOTAL	2684	2508	2500	2282	2698	331	0	0	0	0	0	1930
MEAN	89	81	81	82	87	11	0.0	0.0	0.0	0.0	0.0	62
MAX	97	83	94	85	97	150	0.0	0.0	0.0	0.0	0.0	150
MIN	82	78	77	78	81	0.0	0.0	0.0	0.0	0.0	0.0	0.0
AC-FT	5324	4975	4959	4527	5351	656	0	0	0	0	0	3829

IRRIGATION YEAR 1990

TOTAL

14933

MEAN

41

AC-FT

29620

A-101