

WATER DISTRIBUTION
OF
BOISE RIVER
DISTRICT 63
1989

REPORT ON
CANAL DELIVERIES FROM
BOISE RIVER
AND
DIFFERENT FEATURES AFFECTING THESE
DELIVERIES FOR THE IRRIGATION SEASON
OF 1989

(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 1989 water year brought the Boise Basin back to a somewhat normal irrigation year. Two drought years in a row had made most farmers and water managers a bit nervous as to what the 1989 year would bring, but Mother Nature came thru and provided the much needed precipitation that the water shed enjoyed.

Water year 1989 was by no means a banner irrigation year even though the basin produced nearly 1.8 million acre feet of runoff. This was still slightly below normal and careful water management practices still had to be enforced. Irrigators tried not to dip into their storage reserves to heavily this year. Most were being rather cautious with their storage water to insure that they had some carryover going into the 1990 year incase this low water cycle continued. One problem that occurred which prompted cautious water use was that 126,000 acre feet was lost to the system due to flood control releases. The Lucky Peak space holders were shorted that same amount of water in their storage accounts and therefore were very conservative in their storage use. There was approximately 258,000 acre feet left in the upper three reservoirs at the end of the season.

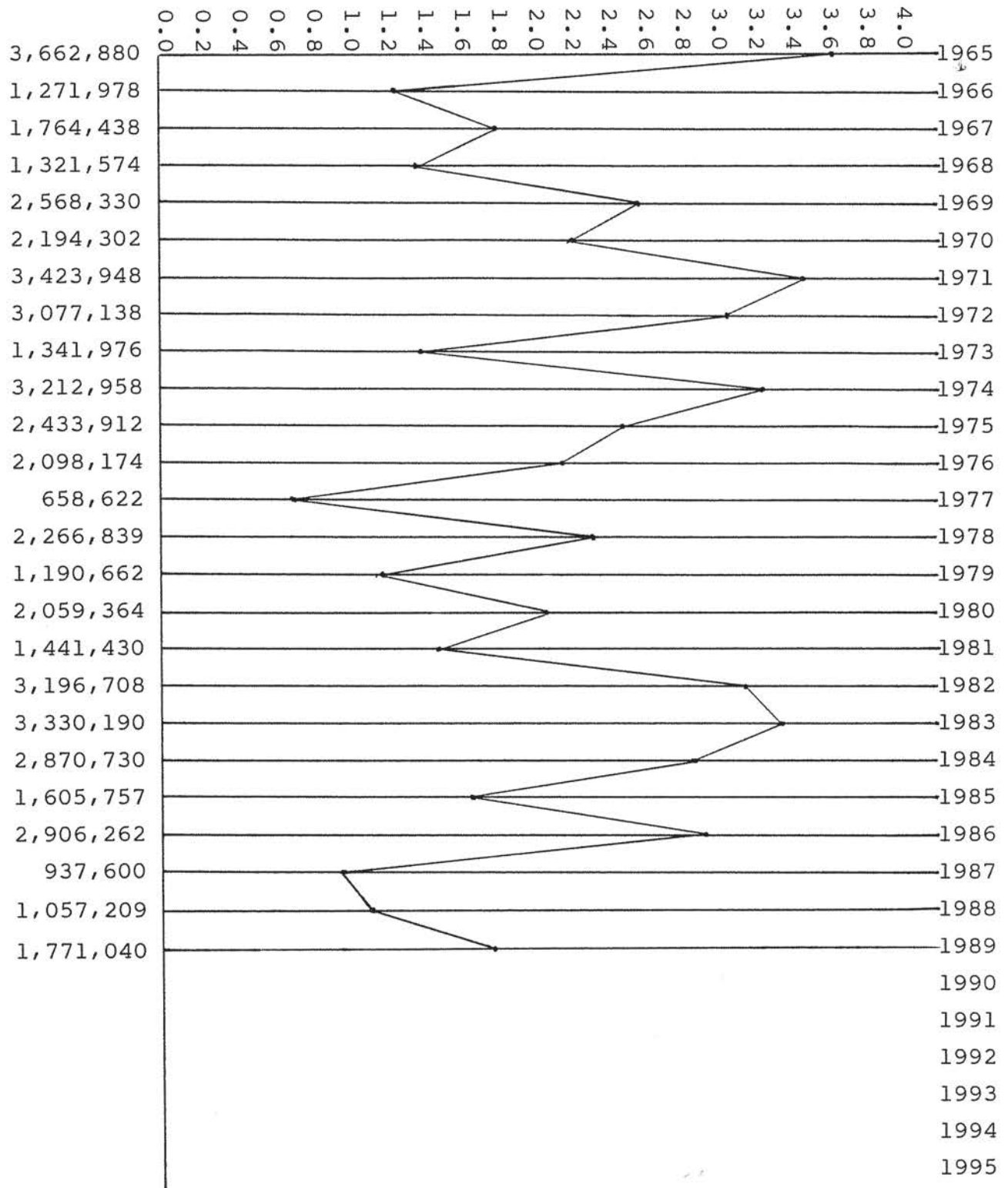
Because of a near normal runoff, the Boise River Water Bank neither received nor sold much water in 1989. The Bank is still providing water to those in need and is still proving to be a valuable water management tool.

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

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

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

RUNOFF IN MILLIONS OF ACRE-FEET



ANNUAL RUNOFF OF BOISE RIVER

ORGANIZATION

The Annual Meeting of Water District #63 was held January 8, 1989, at 10:00 A.M., in the Valley View Grange Hall, Ada County, Idaho.

Mr. Lee Sisco was elected Watermaster from January 1, 1989, to December 31, 1989.

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 \$43,800.00 for the 1989 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 Intervenorrs in the "Stewart Decree", showing the owner, priority date and amount decreed.

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

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

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.	CANYON COUNTY WATER CO.	1.76	88	63-0277
		TILLER				
47-A	4-1-1870	ADOLPH BAHLER	BAHLER	.80	40	63-0279
50-A	1870	(S. G. HARDIES	BUBB	1.00	50	63-0282)
		(AMELIA EISLEY				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				TOTAL SEC. FT.
			NO.	DATE	INTERVENORS				
					STEWART DECREE	STEWART DECREE	BRYAN DECREE	INCHES ¹	
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*	15.3526
BAXTER			73-B	1880		3.20		150	
	127		20	6-1-1865	.90			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		STEWART DECREE	AMOUNT DECREED			TOTAL SEC. FT.
			NO.	DATE		INTERVENORS STEWART DECREE	BRYAN DECREE	INCHES	
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

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

STEWART AND BRYAN DECREES GROUPED UNDER CANAL HEADINGS

CHART NO. 3

					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

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	
HAAS DITCH	176		39	6-1-1868	8.54			427	17.34
			70	6-1-1878	8.80			440	
HART & DAVIS	38*) 39*)		6	6-1-1864	3.30			165	9.96
			57	6-1-1872	4.40			220	
			58	6-1-1872	3.30			165	
			57	6-1-1872	.54*			27*	
			58	6-1-1872	.50*			25*	
ISLAND HIGH LINE			71-A	4-1-1879		3.00		150	20.00
			137-A	4-1-1910		7.00		350	
			139	4-1-1915		10.00		500	
LEMP DITCH			8-C	1865		6.00		300	6.00
LITTLE PIONEER	1575		49	6-1-1870	25.72			1286	26.82
			31-C	6-1-1866		1.10		55	
LOWER CENTER POINT	50* 51* 131 245 287		19	6-1-1865	2.88			144	19.60
			20	6-1-1865	6.40			320	
			21	6-1-1865	2.90			145	
			22	6-1-1865	3.20			160	
			38	6-1-1868	3.20			160	
			43	6-1-1869	3.60			180	
			73	6-1-1879	4.00			200	
			19	6-1-1865	2.88*			144*	
			20	6-1-1865	6.40*			320*	
			89	11-9-1883	.70			35	
			89	11-9-1883	.60			30	
			89	11-9-1883	1.40			70	

*SUBTRACT

STEWART AND BRYAN DECREES GROUPED UNDER CANAL HEADINGS

CHART NO. 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		
			521	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*	31	6-1-1864					
			541	6-1-1871	.35*			17.5*		
			1201	6-1-1891						
			301*	31	6-1-1864					
			541	6-1-1871	1.54*			77*		
			1201	6-1-1891						
			347*	3	6-1-1864	.14*				7*
			349*	3	6-1-1864	.14*				7*
			350*	3	6-1-1864	.14*				7*
			391*	31	6-1-1864					
			541	6-1-1871	.15*			7.5*		
			393*	31	6-1-1864					
			541	6-1-1871	.288*			14.4*		
			1201	6-1-1891						
			754	30	5-1-1866	.40				20
			123-A	5-15-1893			1.60			80

*SUBTRACT

STEWART AND BRYAN DECREES GROUPED UNDER CANAL HEADINGS

CHART NO. 3

NAME OF CANAL	CHANGE IN P. OF D.	TRANSFER	PRIORITY		AMOUNT DECREED			INCHES	TOTAL SEC. FT.
			NO.	DATE	STEWART DECREE	INTERVENORS STEWART DECREE	BRYAN DECREE		
MIDDLETON IRRIGATION			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	5-1-1877	.50*			25*	112.754
<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. 3

NAME OF CANAL	CHANGE IN P. OF D.	TRANSFER	PRIORITY		AMOUNT DECREED			TOTAL	
			NO.	DATE	STEWART DECREE	INTERVENORS		INCHES	SEC. FT.
						STEWART DECREE	BRYAN DECREE		
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	PRIORITY		AMOUNT DECREED			INCHES	TOTAL SEC. FT.
			NJ.	DATE	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
PENITENTIARY	46		50	6-1-1870	2.24			112	2.24
PHYLISS			90	6-1-1884	53.10			2655	
			117	9-1-1890	200.00			10000	
			135	4-1-1904	56.34			2817	
				4-1-1905			306.56	15328	
				4-1-1908			54.50	2725	
		1038	30	5-1-1866	21.715			1086	692.215

*SUBTRACT

STEWART AND BRYAN DECREES GROUPED UNDER CANAL HEADINGS

CHART NO. 3

NAME OF CANAL	CHANGE IN P. OF D.	TRANSFER	PRIORITY NO.	DATE	AMOUNT DECREED			INCHES ^L	TOTAL SEC. FT.
					INTERVENORS		BRYAN DECREE		
					STEWART DECREE	STEWART DECREE			
PIONEER DIXIE			8	9-1-1864	20.00			1000	
			45	6-1-1869	35.44			1772	
	36-A		96	10-1-1887	2.00			100	
	48		96	10-1-1887	4.20			210	
	62*		96	10-1-1887	1.00*			50*	
	(790-111*)		8	9-1-1864	20.00*			1000*	
			45	6-1-1869	.34*			17*	
		608	88	6-1-1883	1.00			50	
		644	88	6-1-1883	.70			35	
		660	88	6-1-1883	.60			30	
	35*		45	6-1-1869	2.00*			100*	
	148*		96	10-1-1887	3.00*			150*	
				7-3-1914			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*	290.374
ROEDEL DITCH			54-A	5-1-1875		3.20		160	3.20

*SUBTRACT

STEWART AND BRYAN DECREES GROUPED UNDER CANAL HEADINGS

CHART NO. 3

<u>NAME OF CANAL</u>	<u>CHANGE IN P. OF D.</u>	<u>TRANSFER NO.</u>	<u>PRIORITY DATE</u>	<u>AMOUNT DECREED</u>			<u>TOTAL INCHES SEC. FT.</u>	
				<u>STEWART DECREE</u>	<u>INTERVENORS STEWART DECREE</u>	<u>BRYAN DECREE</u>		
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

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

*SUBTRACT

STEWART AND BRYAN DECREES GROUPED UNDER CANAL HEADINGS

CHART NO. 9

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

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

CHART NO. 4

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	SIEGENBERG	2	13.42	10.07	8.05	52.13	1341.8	1663.1
9	SEBREE	2	.64	.48	.38	52.13	1341.8	1663.1
9	CAMPBELL	2	.50	.38	.30	52.13	1341.8	1663.1
10	THURMAN MILL	1	1.20	.90	.72	52.85	1342.0	1663.4
11	THURMAN MILL	1	.66	.50	.40	53.25	1342.1	1663.5
12	GRAHAM-GILBERT	1	4.40	3.30	2.64	55.89	1342.7	1664.6
13	EUREKA #1	1	33.32	24.99	19.99	75.88	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
20.1	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

NO.	CANAL	RIVER SECTION	100% OF DECREE	75% OF DECREE	60% OF DECREE	FLOW TO FILL 60%	FLOW TO FILL 75%	FLOW TO FILL 100%
30	*NEW YORK	1	15.10	15.10	15.10	141.94	1359.5	1692.5
30	*PHYLISS	1	21.72	21.72	21.72	163.66	1359.5	1692.5
30	*SETTLERS	1	9.25	9.25	9.25	172.91	1359.5	1692.5
31	CANYON COUNTY	1	2.60	1.95	1.56	174.47	1359.5	1692.5
31A	MIDDLETON IRRIGATION	1	2.30	1.73	1.38	175.85	1360.2	1693.8
31B	MIDDLETON IRRIGATION	1	.60	.45	.36	176.21	1360.3	1693.9
31C	LITTLE PIONEER	1	1.10	.83	.66	176.87	1360.5	1694.2
32	MISCELLANEOUS	1	1.70	1.28	1.02	177.83	1360.8	1694.6
32	FARMERS UNION	1	1.80	1.35	1.08	178.97	1361.0	1695.1
33	BOISE CITY CANAL	1	36.38	27.29	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	MANMON	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	BUBS	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	.38	.30	343.91	1402.2	1763.8
59	BOONE	3	2.20	1.65	1.32	343.91	1402.2	1763.8
59A	ROEDEL	2	3.20	2.40	1.92	343.91	1402.2	1763.8
60	SEBREE	2	10.00	7.50	6.00	343.91	1402.2	1763.8
61	WARM SPRINGS	1	2.30	1.73	1.38	345.29	1402.6	1764.4
62	THURMAN MILL	1	.44	.33	.26	345.55	1402.6	1764.5
63	AIKEN	1	5.20	3.90	3.12	348.67	1403.4	1765.8
64	CONWAY-HAMMING	1	.90	.68	.54	349.21	1403.5	1766.0
65	MIDDLETON IRRIGATION	1	109.51	82.13	65.71	414.92	1420.0	1793.4
65	BALLENTYNE	1	.60	.45	.36	415.28	1420.1	1793.5
65	FARMEPS UNION	1	3.12	2.34	1.87	417.15	1420.5	1794.3
65	RIDENBAUGH	1	.40	.30	.24	417.39	1420.6	1794.4
65	SETTLERS	1	.45	.34	.27	417.66	1420.6	1794.5
66	FARRAULT & JOHNSON (POWER)	1	200.00	200.00	200.00	417.66	1420.6	1794.5
66A	BALLENTYNE	1	.80	.60	.48	418.14	1420.8	1794.7
66C	BALLENTYNE	1	1.40	1.05	.84	418.98	1421.0	1795.1
66D	BALLENTYNE	1	.80	.60	.48	419.46	1421.1	1795.3
67	RIDENBAUGH	1	163.60	127.20	101.76	521.22	1446.5	1837.7
67	SETTLERS	1	.40	.30	.24	521.46	1446.6	1837.8
68	MAMMON	3	4.20	3.15	2.52	521.46	1446.6	1837.8
69	MAMMON	3	3.36	2.52	2.02	521.46	1446.6	1837.8
70	HAAS	3	8.80	6.60	5.28	521.46	1446.6	1837.8
71	PARMA	3	4.40	3.30	2.64	521.46	1446.6	1837.8
71A	ISLAND HIGH LINE	3	3.00	2.25	1.80	521.46	1446.6	1837.8
72	NEW DRY CREEK	1	31.32	23.49	18.79	540.25	1451.3	1845.6
73	LOWER CENTER POINT	2	4.00	3.00	2.40	540.25	1451.3	1845.6
73A	NEW DRY CREEK	1	.44	.33	.26	540.51	1451.4	1845.7
73A	AIKEN	1	.10	.08	.06	540.57	1451.4	1845.7
73B	BAXTER	3	3.20	2.40	1.92	540.57	1451.4	1845.7
74	PARMA	3	1.76	1.32	1.06	540.57	1451.4	1845.7
74A	NEW DRY CREEK	1	1.82	1.37	1.09	541.66	1451.6	1846.2
75	THURMAN MILL	1	2.40	1.80	1.44	543.10	1452.0	1846.8
76	THURMAN MILL	1	.90	.68	.54	543.64	1452.1	1847.0
77	CALDWELL HIGH LINE	1	27.60	20.70	16.56	560.20	1456.3	1853.9
77A	PARMA	3	1.60	1.20	.96	560.20	1456.3	1853.9
77B	PARMA	3	.34	.26	.20	560.20	1456.3	1853.9
77C	PARMA	3	.80	.60	.48	560.20	1456.3	1853.9
77D	PARMA	3	1.30	.98	.78	560.20	1456.3	1853.9
77E	RIVERSIDE	2	3.67	2.75	2.20	560.20	1456.3	1853.9
78	THURMAN MILL	1	.70	.68	.54	560.74	1456.4	1854.1
79	THURMAN MILL	1	.60	.45	.36	561.10	1456.5	1854.3
80	MISCELLANEOUS	1	1.60	1.20	.96	562.06	1456.7	1854.7

TABLE SHOWING PRESENT DIVERSION OF STEWART 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
61	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	PHYLISS	1	53.10	39.83	31.86	602.57	1466.9	1871.6
91	RIVERSIDE	2	20.00	15.00	12.00	602.57	1466.9	1871.6
92	SETTLERS	1	99.06	74.30	59.44	662.01	1481.7	1896.3
93	NEW DRY CREEK	1	15.22	11.42	9.13	671.14	1484.0	1900.1
94	DAVIS	1	13.40	10.05	8.04	679.18	1486.0	1903.5
95	RIVERSIDE	2	4.00	3.00	2.40	679.18	1486.0	1903.5
96	BOWMAN-SWISHER	2	.70	.53	.42	679.18	1486.0	1903.5
96	CAMPBELL	2	12.10	9.08	7.26	679.18	1486.0	1903.5
96	EUREKA #2	2	28.60	21.45	17.16	679.18	1486.0	1903.5
96	NEW YORK	1	1.20	.90	.72	679.90	1486.2	1903.8
96	PIONEER DIXIE	2	2.20	1.65	1.32	679.90	1486.2	1903.8
96	UPPER CENTER POINT	2	3.00	2.25	1.80	679.90	1486.2	1903.8
97	NEW DRY CREEK	1	7.86	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	908.24	1543.3	1998.9
106	NEW YORK	1	8.90	6.68	5.34	913.58	1544.6	2001.2

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

CHART NO. 4

NO.	CANAL	RIVER SECTION	100% OF DECREE	75% OF DECREE	60% OF DECREE	FLOW TO FILL 60%	FLOW TO FILL 75%	FLOW TO FILL 100%
106A	BUEB	1	.84	.63	.50	914.03	1544.7	2001.3
107	BUBB	1	.06	.05	.04	914.12	1544.8	2001.4
108	BUBB	1	.02	.02	.01	914.13	1544.8	2001.4
109	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	PHYLIS	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	PHYLIS	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	**MCMAJUS 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 RUSS RIVER

CHART NO. 7

NO. OF CHANGE OF POINT OF DIVERSION	POINT OF DIVERSION		DEPT. OF WATER ADMINISTRATION	PRIORITY		DATE OF CHANGE	QUANTITY IN CFS	QUANTITY IN INCHES	BY WHOM TRANSFERRED	REMARKS
	FROM	TO		NO.	DATE					
12	SIEBENBERG	CANYON DITCH	63-0138	9	6-1-1865	4-8-1912	.50	25	HENRY MEER	
29	CALDWELL HIGH LINE	CANYON COUNTY	63-0179	46	6-1-1869	8-26-1918	1.00	50	J. C. HUGHES	
32	DAVIS	DAVIS DITCH	63-0122	119	6-1-1891	7-15-1919	.54	27	DAVIS ESTATE	
35	PIONEER DIXIE	RIVERSIDE	63-0136	8	9-1-1864	4-3-1919	.72	36	REBECCA BELL	
			63-0137	45	6-1-1869		1.28	64		
36	CANYON COUNTY	MIDDLETON WATER	63-0168	35	6-1-1867	4-12-1918	.38	19	DRAPER, BOOLE, WATT, SURGEON	FLAKE DITCH
36A	AMERICAN DITCH	PIONEER DIXIE	63-0233	96	10-1-1887	4-19-1909	2.00	100	C. H. ROSENBERGER	
38	HART & DAVIS	SEVEN 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	25.50	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.M. 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 M. 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	DE TWEEDE, NORTHWESTERN & PACIFIC HYPOTHECK BANK	
76	THURMAN DRAIN	SETTLERS	63-0257	858	4-1-1883	3-12-1925	1.00	50	JACOB BINGMAN	
77	RUBB	BAHLER	63-0278	84	4-1-1865	4-26-1925	.80	40	ADOLPH BAHLER	
			63-0279	474	4-1-1870		.80	40		
83	WARM SPRINGS DITCH	SETTLERS	63-0287	854	6-1-1882	4-29-1926	.72	36	LEO MARSTERS	
84	MIDDLETON WATER	FARMERS UNION	63-0198	65	6-1-1877	3-9-1926	.80	40	J. C. RALPHS	
85	UPPER CENTER POINT	EUREKA NO. 2	63-0156	24	6-1-1865	5-7-1926	.50	25	J. C. BRUCE	
103	PARMA DITCH	PARMA DITCH	63-0203	71	6-1-1878	10-3-1928	11.96	598	CHARLES JARRIES	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 NUSSER	
127	BOWMAN & SWISHER	PAXTER DITCH	63-0152	20	6-1-1865	8-15-1930	.80	40	WILLIAM BAXTER	
131	EUREKA NO. 2	LOWER CENTER POINT	63-0225	89	11-9-1883	1-16-1932	.70	35	P. E. MCGUIRE	
140	BALLENTYNE	NEW DRY CREEK	63-0260	850	5-1-1883	4-11-1934	.08	3	CHARLES H. SCHWELZER	
141	FISCHER POWER	FISCHER POWER	63-0293		12-46-1908	12-18-1934	200.00	10000	FISCHER POWER ONLY	BELOW FAIRVIEW BRIDGE
147	MIDDLETON MILL	CANYON COUNTY	63-0168	35	6-1-1867	1-8-1936	.20	10	DORA 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	1242	5-1-1893	2-18-1937	.135	6.75	J. H. CONE	
152	BAHLER DITCH	RIDENBAUGH	63-0279	475	4-1-1870	5-15-1937	.80	40	ADOLPH BAHLER	
153	REYNOLDS-BAHLER	RIDENBAUGH	63-0249	127	5-1-1893	3-15-1937	1.00	50	ADOLPH BAHLER	
154	BAHLER DITCH	RIDENBAUGH	63-0278	85	4-1-1865	5-15-1937	.80	40	ADOLPH BAHLER	
159	UPPER CENTER POINT	EUREKA NO. 2	63-0156	24	6-1-1865	5-27-1939	.10	5	RAYMOND T. BRESHEARS	
161	BALLENTYNE	NEW DRY CREEK	63-0239	103	6-1-1888	3-5-1940	.65	32.5	EDMAN L. BARBER	
162	EUREKA NO. 2	PIONEER DIXIE	63-0233	96	10-1-1887	4-21-1941	.40	20	O. W. BALDWIN	
171	EUREKA NO. 2	EUREKA NO. 2	63-0233	96	11-3-1883	2-26-1943	75.70	1085	RAYMOND T. BRESHEARS	NEW DIVERSION POINT
			63-0233	96	10-1-1887		75.50	1475		
			63-0156	24	6-1-1865		6.40	32		

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

Chart No. 7

No. of Change of Point of Diversion	POINT OF DIVERSION		DEPT. OF WATER ADMINISTRATION	PRIORITY		DATE OF CHANGE	QUANTITY IN CFS.	QUANTITY IN INCHES	BY WHOM TRANSFERRED	REMARKS
	FROM	TO		No.	DATE					
172	UPPER CENTER POINT	UPPER CENTER POINT	(6)-0155	1 23	6-1-1865	2-26-1943	12.72	6360	HARRY VAIL	NEW DIVERSION POINT
			(6)-0156	1 24	6-1-1865					
			(6)-0157	1 25	6-1-1865					
			(6)-0158	1 26	6-1-1865					
			(6)-0159	1 27	6-1-1865					
			(6)-0233	1 96	10-1-1887		3.00	150		
174	BALLENTYNE	NEW DRY CREEK	(6)-0239	103	6-1-1888	3-28-1944	.24	12	FRANK M. RAY	
175	RIVERSIDE	EUREKA NO. 2	(6)-0222	88	6-1-1883	4-11-1944	1.70	85	WILSON BRESHADES	
176	HAMMON DITCH	HAAS DITCH	(6)-0202	70	6-1-1878	4-18-1944	8.80	440	CHARLOTTIE D. ALLEN	
179	MACE CATLIN	SEVEN SUCKERS	(6)-0132	1 5	6-1-1864	3-31-1945	.168	8.4	IDAHO FISH & GAME DEPT.	
			(6)-0133	1 52	6-1-1871		.077	3.6		
224	EUREKA NO. 2	BOHMAN & SWISHER	(6)-0223	1 89	11-9-1883	9-3-1934	.70	35	J. E. HOUSTON	
			(6)-0235	1 96	10-1-1887		.20	10		
227	O'DONNELL	BOISE RIVER	(6)-0236	114A	3-1-1889	12-17-1934	1.60	80	A. C. CRAWFORTH	PUMPED FROM RIVER
243	BOISE RIVER	BOISE VALLEY	(6)-2360	LICENSE#15242	7-19-1921	6-30-1958	1.20	60	MARIE ECHENARRIA & J. N. KESSINGER	FORMERLY DIVERTED FROM RIVER
245	EUREKA NO. 2	LOWER CENTER POINT	(6)-0223	89	11-9-1883	6-30-1958	.60	30	J. E. ENBERG	(LOWEST)
254	ROBIE CREEK	MORIS CREEK	(6)-2036	LICENSE#1968	3-1-1906	12-20-1961	4.00	200	HARVEY BURNETT	
257	O'DONNELL	PARK DITCH	(6)-0271	114B	3-1-1889	10-10-1962	.40	20	BERT L. TREDWAY	O'DONNELL DITCH WASHED AWAY
282	EUREKA NO. 2	LOWER CENTER POINT	(6)-0223	89	11-9-1883	3-18-1966	1.40	70	JOHN E. ENBERG	
289	EUREKA NO. 2	UPPER CENTER POINT	(6)-0223	89	11-9-1883	3-18-1966	.50	25	EARL GILES	
305	MEEVES NO. 1	MEEVES NO. 2	(6)-0185	53	6-1-1871	6-10-1968	1.80	90	CHARLES LITTLE	
1575	LAURENCE & KENNEDY	LITTLE PIONEER	(6)-0001	31C	6-1-1866	2-23-1968	1.10	55	WILSON SPADYS	
1647	TURNAN HILL	ROUSE RIVER	(6)-0213	80	6-1-1882	12-7-1970	1.60	80	CLARENCE T. LARSON	PUMPED FROM RIVER
1711	HIDENIAUGH	SETTLERS	(6)-0199 (1940)	67	3-1-1878	7-3-1975	.40	20	CECIL A. THOMAS	NEW DIVERSION POINT

TRANSFERS OF DECREED RIGHTS ON BOISE RIVER

CHART NO. 7

NO. OF TRANSFER	POINT OF DIVERSION		DEPT. OF WATER ADMINISTRATION	PRIORITY		DATE OF TRANSFER	QUANTITY IN CFS	QUANTITY IN INCHES	BY WHOM TRANSFERRED	REMARKS
	FROM	TO		NO.	DATE					
38	AMERICAN DITCH ASSN.	CANYON DITCH	65-0233	96	10-1-1887	9-1-1909	12.10	665	WM. H. MESSLER	
46	BARBER LUMBER CO.	PENITENTIARY	65-0184	50	6-1-1870	2-4-1910	2.24	112	BARBER LUMBER CO.	
105	SIEBENBERG	CANYON DITCH	65-0138	9	6-1-1865	9-18-1912	.50	25	H. E. MEER	
111	EUREKA NO. 2	HILLCREST	(65-0233	(96	10-1-1887	11-25-1912	1.20)	60)	H. L. RANDALL ET AL	
	PIONEER DIXIE	"	(65-0136	(8	9-1-1864		20.34)	1017)		
	"	"	(65-0137	(45	6-1-1869					
136	JACOBS	FARMERS UNION	65-0123	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	(65-0124	(3	6-1-1864	4-20-1921	.35	17.5	EMMA M. FOWLER	
			(65-0125	(54	6-1-1871					
			(65-0126	(120	6-1-1891					
301	MIDDLETON MILL	NEW DRY CREEK	(65-0124	(3	6-1-1864	4-20-1921	1.54	77	JOHN F. GROOM	
			(65-0125	(54	6-1-1871					
			(65-0126	(120	6-1-1891					
347	MIDDLETON MILL	SETTLERS	65-0124	3	6-1-1864	2-6-1925	.14	7	C. E. WHITE	
349	MIDDLETON MILL	SETTLERS	65-0124	3	6-1-1864	2-6-1925	.14	7	FRANK MEASEL	
350	MIDDLETON MILL	SETTLERS	65-0124	3	6-1-1864	2-6-1925	.14	7	CARL A. GISH	
357	MIDDLETON WATER	SETTLERS	65-0198	65	6-1-1877	5-5-1925	.20	10	NELLIE B. WHITAKER	
370	BOISE CITY	FARMERS UNION	65-0165	33	6-1-1866	3-16-1926	1.125	56.2	HENRY W. BARTLETT	
373	BOISE CITY	FARMERS UNION	65-0165	33	6-1-1866	4-26-1926	.375	18.7	L. A. RICE	
374	MIDDLETON WATER	FARMERS UNION	65-0198	65	6-1-1877	5-6-1926	.40	20	H. D. PARKS	
375	MIDDLETON WATER	FARMERS UNION	65-0198	65	6-1-1877	5-6-1926	.20	10	A. G. KING	
384	MIDDLETON WATER	FARMERS UNION	65-0198	65	6-1-1877	7-8-1926	.40	20	MARY F. LEACH	
385	MIDDLETON WATER	FARMERS UNION	65-0198	65	6-1-1877	7-8-1926	.266	13.3	H. E. MCCONNELL	
386	MIDDLETON WATER	FARMERS UNION	65-0198	65	6-1-1877	7-8-1926	.40	20	H. W. BARTLETT	
387	MIDDLETON WATER	FARMERS UNION	65-0198	65	6-1-1877	7-8-1926	.40	20	E. E. SMITH	
391	MIDDLETON MILL	FARMERS UNION	(65-0124	(3	6-1-1864	8-13-1926	.15	7.5	RUSH CHASE	
			(65-0125	(54	6-1-1871					
392	MIDDLETON WATER	RIDENBAUGH	65-0198	65	6-1-1877	8-21-1926	.40	20	FRED EGGERS	
393	MIDDLETON MILL	FARMERS UNION	(65-0124	(3	6-1-1864	9-15-1926	.708	34.4	A. C. BOWERMAN	
			(65-0125	(54	6-1-1871					
			(65-0126	(120	6-1-1891					
395	MIDDLETON WATER	FARMERS UNION	65-0198	65	6-1-1877	11-16-1926	.50	25	G. R. MCGUIRE	
412	THURMAN MILL	SETTLERS	65-0214	81	6-1-1882	12-3-1927	.40	20	CHAR. P. RACE	
430	FARMERS UNION	SETTLERS	65-0198	65	6-1-1877	7-2-1928	.25	12.5	D. E. ALLISON	FORMERLY MIDDLETON WATER
466	RIDENBAUGH	NEW YORK	65-0200	106	8-20-1888	7-6-1929	8.90	445	W. H. TULLER	
512	JACOBS CANAL	FARMERS UNION	65-0120	1	6-1-1864	5-27-1932	1.00	50	W. SCOTT AMERSON	
513	JACOBS CANAL	FARMERS UNION	65-0120	1	6-1-1864	5-27-1932	.50	25	FARMERS UNION DITCH	
530	JACOBS CANAL	FARMERS UNION	65-0120	1	6-1-1864	5-15-1934	.30	15	A. B. WHITNEY	
595	JACOBS CANAL	NAMPA MERIDIAN	65-0120	1	6-1-1864	9-9-1938	.20)	10)	BOISE TRUST CO.	SOMERHILL FALLS
		SETTLERS					.20)	10)		
608	RIVERSIDE	PIONEER DIXIE	65-0222	88	6-1-1883	4-29-1940	1.00	50	W. F. TRACY	
644	RIVERSIDE	PIONEER DIXIE	65-0222	88	6-1-1883	12-9-1942	.70	35	S. E. SMITH	
654	CONSUMERS	SETTLERS	65-0161	30	5-1-1866	10-18-1943	2.00	100	W. W. HOWELL	LAISON-HAMMING-RUDGE TRACTS
660	RIVERSIDE	PIONEER DIXIE	65-0222	88	6-1-1883	4-11-1944	.60	30	D. W. BALDWIN	
674	CONSUMERS	SETTLERS	65-0161	30	5-1-1866	4-29-1946	.60	30	W. W. HOWELL	EARL-FENWICK-STARK-KYLE
701	CONSUMERS	NEW YORK	65-0161	30	5-1-1866	12-20-1946	2.00	100	W. W. HOWELL	REF. JENSEN (BOISE-RUNA TRACT.)
707	CONSUMERS	SETTLERS	65-0161	30	5-1-1866	12-20-1946	.60	30	W. W. HOWELL	MRS. EDITH CURTIS
712	CONSUMERS	SETTLERS	65-0161	30	5-1-1866	6-14-1947	.40	20	W. W. HOWELL	SIMPSON-DEMOND-SIMPSON
713	CONSUMERS	NEW DRY CREEK	65-0161	30	5-1-1866	6-14-1947	.54	27	W. W. HOWELL	J. S. REEB
717	SIEBENBERG	FARMERS CO-OP.	65-0138	9	6-1-1865	11-25-1947	.64	32	H. M. TURNER	
720	CONSUMERS	SETTLERS	65-0161	30	5-1-1866	5-4-1948	1.36	67	W. W. HOWELL	DOTY-EROUAGA-ODERNOTT-CALDWELL-STEEL-ROYLANCE

TRANSFERS OF DECREE RIGHTS ON BOISE RIVER

CHART NO. 7

NO. OF TRANSFER	POINT OF DIVERSION		DEPT. OF WATER ADMINISTRATION	PRIORITY		DATE OF TRANSFER	QUANTITY IN CFS.	QUANTITY IN INCHES	BY WHOM TRANSFERRED	REMARKS
	FROM	TO		NO.	DATE					
736	THURMAN HILL	SETTLERS	63-0170	37	6-1-1868	3-9-1949	1.00	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	
753	CONSUMERS	SETTLERS	63-0161	30	5-1-1866	4-14-1950	.46	23	J. R. FIELD	8" HAGER TRACT, 15" KIMBLE TRACT
754	CONSUMERS	MIDDLETON HILL	63-0161	30	5-1-1866	4-14-1950	.40	20	J. R. FIELD	BRINK TRACT
790	HILLCREST	NEW YORK	(63-0136	(8	9-1-1864	3-28-1952	21.54	1077	FOREST SOWER	
			(63-0137	(45	6-1-1869					
			(63-0233	(56	10-1-1887					
823	CONSUMERS	NEW YORK	63-0161	30	5-1-1866	7-13-1954	6.00	300	G. S. TAYLOR	BOISE-RUMA IRRIGATION DIST.
829	CONSUMERS	SETTLERS	63-0161	30	5-1-1866	9-3-1954	.48	24	G. S. TAYLOR	10"-GOLDEN RENT, 14"-EDMUND BUCK
871	THURMAN HILL	SETTLERS	63-0169	36	6-1-1868	10-2-1956	.288	14.4	J. FRANK DRYCE	
872	THURMAN HILL	SETTLERS	63-0169	36	6-1-1868	10-2-1956	.22	11	GEORGE D. KEYSER, JR.	
873	CONSUMERS	SETTLERS	63-0161	30	5-1-1866	10-2-1956	.20	10	G. S. TAYLOR	THEODORE L. JOHNSON TRACT
890	CONSUMERS	SETTLERS	63-0161	30	5-1-1866	7-11-1957	.10	5	FRANCIS H. WEITZEL	R. S. POTTER TRACT
906	CONSUMERS	SETTLERS	63-0161	30	5-1-1866	4-3-1958	.10	5	FRANK WEITZEL	R. W. WHITE TRACT
917	CONSUMERS	SETTLERS	63-0161	30	5-1-1866	12-15-1958	.20	10	FRANCIS H. WEITZEL	HAN-SPRAGUE TRACT
918	CONSUMERS	SETTLERS	63-0161	30	5-1-1866	12-15-1958	.025	1.25	FRANCIS H. WEITZEL	H. P. IRBY TRACT
940	CONSUMERS	SETTLERS	63-0161	30	5-1-1866	2-15-1960	.05	2.5	FRANK WEITZEL	EARL W. & DELLA LUNENBURG TRACT
976	CONSUMERS	NEW YORK	63-0161	30	5-1-1866	1-17-1962	1.30	75	G. S. TAYLOR	SYNTHES 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	.18	6	G. S. TAYLOR	CHEMNEY LITTLE TRACT
989	CONSUMERS	SETTLERS	63-0161	30	5-1-1866	5-29-1962	.20	10	G. S. TAYLOR	THEORIN 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	GLEN 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 DORSON
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	MOMES 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	MOMES CREEK	NEW YORK	63-0161	30	5-1-1866	10-13-1966	2.00	100	CARL NICHOLSON	AVOLON ORCHARD TRACTS
1855	HANVILLE & 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 WHOTEN	
3373	THURMAN HILL	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 April 10th, and continued until October 31st of this year. Although there was additional water produced by the basin this year most canal system managers took a keen interest in the amounts of natural flow and storage water that they were diverting. The last two drought years and the fear of more to come in the future, prompted careful management of their water resources. The summer was hot and dry and provided little rain to help temper their water use. 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 19th of June 1989, and continued in varying amounts until the 11th of October, 1989. As of the 31st of October 1989, which ends the 1989 irrigation year, there was 150,533 Ac.Ft. left in carryover in Anderson Ranch Reservoir, 1,115 Ac.Ft. in Arrowrock Reservoir carryover and 106,596 Ac.Ft. in the Lucky Peak Reservoir carryover account. The total left in the 1989 carryover storage accounts at the end of the irrigation season was 258,243 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 1989 storage accounts of the various space holders.

The storage for 1989 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. 1989 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. 1989 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					
13201050	LUCKY PEAK NURSERY	200.0	0.0	0.0	0.0	0.0	0.0	0.0	200.0	0.0	0.0	200.0
13201990	FISH & GAME FLOW	0.0	0.0	0.0	0.0	0.0	33727.6	33727.6	33727.6	0.0	0.0	33727.6
13201991	USBR FLOW	0.0	0.0	0.0	0.0	0.0	28533.5	28533.5	28533.5	0.0	0.0	28533.5
13203000	NEW YORK	254571.0	0.0	359662.0	359662.0	0.0	0.0	0.0	614233.0	2408.2	94.0	616735.2
13203760	RIDENBAUGH	3832.0	0.0	15137.0	15137.0	0.0	23609.3	23609.3	42578.3	0.0	0.0	42578.3
13204005	BUBB	0.0	0.0	543.0	543.0	0.0	337.3	337.3	880.3	0.0	0.0	880.3
13204060	ROSSI MILL	0.0	0.0	0.0	0.0	0.0	472.2	472.2	472.2	0.0	0.0	472.2
13204190	BOISE CITY	0.0	0.0	0.0	0.0	0.0	674.6	674.6	674.6	0.0	0.0	674.6
13205515	SETTLERS	2878.0	0.0	6082.0	6082.0	0.0	6745.5	6745.5	15705.5	0.0	0.0	15705.5
13205517	DAVIS	0.0	0.0	0.0	0.0	0.0	1011.8	1011.8	1011.8	0.0	0.0	1011.8
13205622	THURMAN MILL	0.0	0.0	0.0	0.0	0.0	539.6	539.6	539.6	0.0	0.0	539.6
13205638	BOISE WATER CORP	0.0	0.0	1000.0	1000.0	0.0	0.0	0.0	1000.0	0.0	0.0	1000.0
13205640	FARMERS UNION	2874.0	0.0	5727.0	5727.0	0.0	6745.5	6745.5	15346.5	0.0	0.0	15346.5
13205641	BOISE VALLEY	0.0	0.0	961.0	961.0	0.0	1686.4	1686.4	2647.4	0.0	0.0	2647.4
13205643	CAPITOL VIEW	0.0	0.0	460.0	460.0	0.0	202.4	202.4	662.4	0.0	0.0	662.4
13206090	NEW DRY CREEK	0.0	0.0	1296.0	1296.0	0.0	2023.7	2023.7	3319.7	0.0	0.0	3319.7
13206092	NEW UNION	0.0	0.0	0.0	0.0	0.0	944.4	944.4	944.4	0.0	0.0	944.4
13206265	BALLENTYNE	0.0	0.0	376.0	376.0	0.0	876.9	876.9	1252.9	0.0	0.0	1252.9
13208710	MIDDLETON	0.0	0.0	0.0	0.0	0.0	7420.1	7420.1	7420.1	0.0	0.0	7420.1
13209480	PHYLLIS	21018.0	0.0	25582.0	25582.0	0.0	10792.8	10792.8	57392.8	-2408.2	0.0	54984.6
13209482	EUREKA #1	0.0	0.0	0.0	0.0	0.0	1888.7	1888.7	1888.7	0.0	0.0	1888.7
13209630	LITTLE PIONEER	0.0	0.0	2174.0	2174.0	0.0	337.3	337.3	2511.3	0.0	0.0	2511.3
13209990	CANYON COUNTY	0.0	0.0	0.0	0.0	0.0	4047.3	4047.3	4047.3	0.0	0.0	4047.3
13210992	SEBREE	1227.0	0.0	0.0	0.0	0.0	0.0	0.0	1227.0	0.0	-161.0	1066.0
99999050	ANDERSON DAM POWER	0.0	0.0	4200.0	4200.0	0.0	0.0	0.0	4200.0	0.0	0.0	4200.0
99999100	EAGLE IS CANALS	0.0	0.0	0.0	0.0	0.0	5160.3	5160.3	5160.3	0.0	0.0	5160.3
99999950	BOISE R WATER BANK	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	67.0	67.0
TOTAL		286600.0	0.0	423200.0	423200.0	0.0	137777.2	137777.2	847577.2	0.0	0.0	847577.2

CHART 10. 1989 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	151.4	48.6	0.0	0.0	0.0	48.6	0.0	0.0
13201990	FISH & GAME FLOW	33727.6	1745.5	31982.1	0.0	0.0	0.0	0.0	0.0	31982.1
13201991	USBR FLOW	28533.5	2003.3	26530.2	0.0	0.0	0.0	0.0	0.0	26530.2
13203000	NEW YORK	616735.2	475276.1	141459.1	0.0	0.0	0.0	0.0	141459.1	0.0
13203760	RIDENBAUGH	42578.3	36514.2	6064.1	0.0	0.0	0.0	0.0	0.0	6064.1
13204005	BUBB	880.3	389.7	490.6	0.0	0.0	0.0	0.0	153.3	337.3
13204060	ROSSI MILL	472.2	0.0	472.2	0.0	0.0	0.0	0.0	0.0	472.2
13204190	BOISE CITY	674.6	441.4	233.2	0.0	0.0	0.0	0.0	0.0	233.2
13205515	SETTLERS	15705.5	10896.7	4808.8	0.0	0.0	0.0	0.0	0.0	4808.8
13205517	DAVIS	1011.8	77.4	934.4	0.0	0.0	0.0	0.0	0.0	934.4
13205622	THURMAN MILL	539.6	0.0	539.6	0.0	0.0	0.0	0.0	0.0	539.6
13205638	BOISE WATER CORP	1000.0	465.0	535.0	0.0	0.0	0.0	0.0	535.0	0.0
13205640	FARMERS UNION	15346.5	13186.4	2160.1	0.0	0.0	0.0	0.0	0.0	2160.1
13205641	BOISE VALLEY	2647.4	191.6	2455.8	0.0	0.0	0.0	0.0	769.4	1686.4
13205643	CAPITOL VIEW	662.4	0.0	662.4	0.0	0.0	0.0	0.0	460.0	202.4
13206090	NEW DRY CREEK	3319.7	558.7	2761.0	0.0	0.0	0.0	0.0	737.3	2023.7
13206092	NEW UNION	944.4	249.5	694.9	0.0	0.0	0.0	0.0	0.0	694.9
13206265	BALLENTYNE	1252.9	278.6	974.3	0.0	0.0	0.0	0.0	97.4	876.9
13206274	EAGLE ISLAND PARK	0.0	71.2	-71.2	0.0	0.0	71.2	0.0	0.0	0.0
13208710	MIDDLETON	7420.1	703.1	6717.0	0.0	0.0	0.0	0.0	0.0	6717.0
13209480	PHYLLIS	54984.6	43889.1	11095.5	0.0	0.0	0.0	0.0	302.7	10792.8
13209482	EUREKA #1	1888.7	439.1	1449.6	0.0	0.0	0.0	0.0	0.0	1449.6
13209630	LITTLE PIONEER	2511.3	354.7	2156.6	0.0	0.0	0.0	0.0	1819.3	337.3
13209990	CANYON COUNTY	4047.3	913.5	3133.8	0.0	0.0	0.0	0.0	0.0	3133.8
13210992	SEBREE	1066.0	0.0	1066.0	0.0	0.0	0.0	1066.0	0.0	0.0
99999050	ANDERSON DAM POWER	4200.0	0.0	4200.0	0.0	0.0	0.0	0.0	4200.0	0.0
99999100	EAGLE IS CANALS	5160.3	541.5	4618.8	0.0	0.0	0.0	0.0	0.0	4618.8
99999950	BOISE R WATER BANK	67.0	67.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TOTAL		847577.2	589404.7	258172.5	0.0	0.0	71.2	1114.6	150533.5	106595.6

BOISE VALLEY CANALS AND ACREAGE

CHART NO. II

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 "	MCMAJUS & TEATER	168 "
NEW YORK IRRIG. DIST.....	17,728 "	MIDDLETON MILL	4400 "
WILDER IRRIG. DIST.....	56,535 "	MIDDLETON WATER.....	5180 "
TOTAL - BOARD OF CONTROL.....	164,920 "	MISCELLANEOUS	838 "
BOISE VALLEY	2729 "	NEW DRY CREEK	3059 "
BOONE	517 "	NEW UNION	688 "
BOWMAN-SWISHER.....	424 "	PARMA DITCH	602 "
BUBB (SOUTH BOISE MUTUAL).....	1057 "	PENITENTIARY	321 "
*CALDWELL HIGH LINE.....	11,917 "	PIONEER IRRIG. DIST.....	23,974 "
CAMPBELL (CANYON DITCH).....	802 "	PIONEER DIXIE.....	3000 "
CANYON COUNTY	3957 "	RIDENBAUGH	26,877 "
CAPITAL VIEW	600 "	RIVERSIDE IRRIG. DIST.....	10,645 "
CONWAY-HAMMING.....	259 "	ROEDEL	160 "
DAVIS & LITTLE DAVIS	634 "	ROSSI MILL	512 "
EUREKA WATER CO. #1	1300 "	SEBREE.....	15,500 "
EUREKA DITCH CO. #2	2625 "	SEVEN SUCKERS	70 "
FARMERS UNION	8372 "	SETTLERS	12,322 "
GRAHAM-GILBERT	200 "	SIEBENBERG	646 "
HAAS.....	367 "	THURMAN MILL	1719 "
HART-DAVIS	453 "	UPPER CENTER POINT.....	641 "
		WARM SPRINGS DITCH	454 "

TOTAL 324,239 ACRES

DRAINAGE WATER (NOT DIVERTED FROM BOISE RIVER)

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

GRAND TOTAL 332,528 ACRES

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

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

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

APPENDIX

DRAIN DISCHARGES

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

13-NOV-89

13205617 DRAINAGE DISTRICT #3
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1988 TO OCTOBER 1989
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	---	---	---	---	---	9.0	8.0	9.6	7.7	7.0	7.5	7.0
2	---	---	---	---	---	9.0	8.0	9.4	7.3	7.0	7.3	7.0
3	---	---	---	---	---	9.0	8.0	9.3	7.0	7.0	7.2	7.0
4	---	---	---	---	---	9.0	8.0	9.1	7.0	7.0	7.0	7.0
5	---	---	---	---	---	9.0	8.0	9.0	7.0	7.0	7.0	7.0
6	---	---	---	---	---	9.6	8.0	9.0	7.0	7.0	7.0	7.0
7	---	---	---	---	---	10	8.0	9.0	7.0	7.0	7.0	7.0
8	---	---	---	---	---	11	8.0	9.0	7.0	7.0	7.0	7.0
9	---	---	---	---	---	11	8.3	9.0	7.0	7.0	7.0	7.0
10	---	---	---	---	---	12	8.6	9.0	7.0	7.0	7.0	7.0
11	---	---	---	---	---	12	8.9	9.0	7.0	7.0	7.0	7.0
12	---	---	---	---	---	12	9.1	9.0	7.0	7.0	7.0	7.0
13	---	---	---	---	---	12	9.4	9.0	7.0	7.0	7.0	7.0
14	---	---	---	---	---	12	9.7	9.0	7.0	7.0	7.0	7.0
15	---	---	---	---	---	12	10	9.0	7.0	7.0	7.0	7.0
16	---	---	---	---	---	12	10	9.0	7.0	7.2	7.0	7.0
17	---	---	---	---	---	12	10	9.0	7.0	7.3	7.0	6.9
18	---	---	---	---	---	12	10	9.0	7.0	7.5	7.0	6.7
19	---	---	---	---	---	11	10	9.0	7.0	7.7	7.0	6.6
20	---	---	---	---	---	11	10	9.0	7.0	7.8	7.0	6.5
21	---	---	---	---	---	11	10	9.0	7.0	8.0	7.0	6.3
22	---	---	---	---	---	11	10	9.0	7.0	8.0	7.0	6.2
23	---	---	---	---	---	10	10	9.0	7.0	8.0	7.0	6.1
24	---	---	---	---	---	10	10	9.0	7.0	8.0	7.0	5.9
25	---	---	---	---	---	9.7	10	9.0	7.0	8.0	7.0	5.8
26	---	---	---	---	---	9.4	10	9.0	7.0	8.0	7.0	5.7
27	---	---	---	---	---	9.1	10	9.0	7.0	8.0	7.0	5.5
28	---	---	---	---	---	8.9	10	8.7	7.0	8.0	7.0	5.4
29	---	---	---	---	---	8.6	10	8.3	7.0	8.0	7.0	5.3
30	---	---	---	---	---	8.3	9.9	8.0	7.0	7.8	7.0	5.1
31	---	---	---	---	---	---	9.7	---	7.0	7.7	---	5.0
TOTAL						313	288	269	218	230	211	201
MEAN						10	9.3	9.0	7.0	7.4	7.0	6.5
MAX						12	10	9.6	7.7	8.0	7.5	7.0
MIN						8.3	8.0	8.0	7.0	7.0	7.0	5.0
AC-FT						621	570	534	432	456	419	399
IRRIGATION YEAR 1989 TOTAL 1730 MEAN 5 AC-FT 3431												

A-4

12-DEC-89

13205642 BOISE SEWER
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1988 TO OCTOBER 1989
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	---	---	---	---	---	28	31	30	30	28	28	29
2	---	---	---	---	---	28	31	30	30	28	28	29
3	---	---	---	---	---	28	31	30	30	28	28	29
4	---	---	---	---	---	28	31	30	30	28	28	29
5	---	---	---	---	---	28	31	30	30	28	28	29
6	---	---	---	---	---	28	31	30	30	28	28	29
7	---	---	---	---	---	28	31	30	30	28	28	29
8	---	---	---	---	---	28	31	30	30	28	28	29
9	---	---	---	---	---	28	31	30	30	28	28	29
10	---	---	---	---	---	28	31	30	30	28	28	29
11	---	---	---	---	---	28	31	30	30	28	28	29
12	---	---	---	---	---	28	31	30	30	28	28	29
13	---	---	---	---	---	28	31	30	30	28	28	29
14	---	---	---	---	---	28	31	30	30	28	28	29
15	---	---	---	---	---	28	31	30	30	28	28	29
16	---	---	---	---	---	28	31	30	30	28	28	29
17	---	---	---	---	---	28	31	30	30	28	28	29
18	---	---	---	---	---	28	31	30	30	28	28	29
19	---	---	---	---	---	28	31	30	30	28	28	29
20	---	---	---	---	---	28	31	30	30	28	28	29
21	---	---	---	---	---	28	31	30	30	28	28	29
22	---	---	---	---	---	28	31	30	30	28	28	29
23	---	---	---	---	---	28	31	30	30	28	28	29
24	---	---	---	---	---	28	31	30	30	28	28	29
25	---	---	---	---	---	28	31	30	30	28	28	29
26	---	---	---	---	---	28	31	30	30	28	28	29
27	---	---	---	---	---	28	31	30	30	28	28	29
28	---	---	---	---	---	28	31	30	30	28	28	29
29	---	---	---	---	---	28	31	30	30	28	28	29
30	---	---	---	---	---	28	31	30	30	28	28	29
31	---	---	---	---	---	---	31	---	30	28	---	29
TOTAL						825	949	903	915	877	840	890
MEAN						28	31	30	30	28	28	29
MAX						28	31	30	30	28	28	29
MIN						28	31	30	30	28	28	29
AC-FT						1636	1882	1791	1814	1740	1666	1765
IRRIGATION YEAR 1989 TOTAL 6198 MEAN 17 AC-FT 12293												

13-NOV-89

13206400 EAGLE DRAIN
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1988 TO OCTOBER 1989
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	---	---	---	---	---	21	29	52	57	60	65	44
2	---	---	---	---	---	21	30	53	56	61	64	43
3	---	---	---	---	---	21	31	54	55	62	62	43
4	---	---	---	---	---	20	32	55	55	63	61	41
5	---	---	---	---	---	20	33	56	57	63	61	39
6	---	---	---	---	---	19	34	56	59	64	60	37
7	---	---	---	---	---	19	35	55	61	65	58	35
8	---	---	---	---	---	18	36	54	62	65	57	33
9	---	---	---	---	---	18	36	53	64	65	56	31
10	---	---	---	---	---	17	35	51	66	64	54	29
11	---	---	---	---	---	18	35	50	66	64	53	29
12	---	---	---	---	---	19	35	49	65	63	53	28
13	---	---	---	---	---	20	35	50	64	63	54	28
14	---	---	---	---	---	20	34	50	64	62	54	28
15	---	---	---	---	---	21	34	51	63	62	55	27
16	---	---	---	---	---	22	35	51	62	63	56	27
17	---	---	---	---	---	23	36	52	61	63	56	27
18	---	---	---	---	---	23	37	52	61	64	57	27
19	---	---	---	---	---	22	39	53	62	64	57	27
20	---	---	---	---	---	22	40	53	62	65	56	27
21	---	---	---	---	---	21	41	54	63	65	55	26
22	---	---	---	---	---	21	42	56	63	65	54	26
23	---	---	---	---	---	20	42	57	64	66	52	26
24	---	---	---	---	---	20	43	58	64	66	51	26
25	---	---	---	---	---	21	44	60	64	67	50	26
26	---	---	---	---	---	23	46	61	63	68	50	26
27	---	---	---	---	---	24	47	61	63	68	49	26
28	---	---	---	---	---	25	48	60	62	69	48	25
29	---	---	---	---	---	26	49	59	61	69	47	25
30	---	---	---	---	---	28	50	58	61	68	45	25
31	---	---	---	---	---	---	51	---	60	66	---	25
TOTAL						633	1194	1634	1908	1999	1649	931
MEAN						21	39	54	62	64	55	30
MAX						28	51	61	66	69	65	44
MIN						17	29	49	55	60	45	25
AC-FT						1256	2367	3240	3784	3964	3270	1847
IRRIGATION YEAR 1989			TOTAL	9946	MEAN	27	AC-FT	19727				

13-NOV-89

13209450 THURMAN DRAIN
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1988 TO OCTOBER 1989
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	---	---	---	---	---	11	17	22	18	23	22	18
2	---	---	---	---	---	11	17	22	19	23	21	18
3	---	---	---	---	---	11	16	22	19	22	21	18
4	---	---	---	---	---	11	16	23	19	22	20	18
5	---	---	---	---	---	12	15	23	19	21	20	18
6	---	---	---	---	---	12	15	23	20	21	20	18
7	---	---	---	---	---	13	14	22	20	20	20	18
8	---	---	---	---	---	13	14	22	20	20	20	18
9	---	---	---	---	---	14	14	21	21	20	20	18
10	---	---	---	---	---	14	14	20	21	19	20	18
11	---	---	---	---	---	15	14	20	21	19	20	18
12	---	---	---	---	---	15	14	19	21	18	20	18
13	---	---	---	---	---	16	14	19	21	18	20	19
14	---	---	---	---	---	17	14	20	21	17	19	19
15	---	---	---	---	---	18	14	20	20	17	19	19
16	---	---	---	---	---	18	15	21	20	17	18	19
17	---	---	---	---	---	19	17	21	20	18	18	19
18	---	---	---	---	---	19	18	22	20	18	17	19
19	---	---	---	---	---	18	20	22	20	18	17	18
20	---	---	---	---	---	18	21	22	19	19	17	18
21	---	---	---	---	---	17	23	21	19	19	17	18
22	---	---	---	---	---	17	24	20	19	19	18	18
23	---	---	---	---	---	16	24	20	18	20	18	18
24	---	---	---	---	---	16	24	19	18	21	18	17
25	---	---	---	---	---	16	23	18	18	22	18	17
26	---	---	---	---	---	16	23	17	19	22	18	17
27	---	---	---	---	---	16	22	17	20	23	18	17
28	---	---	---	---	---	17	22	17	21	24	18	17
29	---	---	---	---	---	17	21	18	21	24	18	16
30	---	---	---	---	---	17	21	18	22	23	18	16
31	---	---	---	---	---	---	22	---	23	23	---	16
TOTAL						460	560	611	616	627	566	553
MEAN						15	18	20	20	20	19	18
MAX						19	24	23	23	24	22	19
MIN						11	14	17	18	17	17	16
AC-FT						912	1112	1211	1222	1243	1123	1097
IRRIGATION YEAR 1989			TOTAL	3993	MEAN	11	AC-FT	7919				

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13-NOV-89

13210810 FIVEMILE CREEK
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1988 TO OCTOBER 1989
MEAN VALUES

A-8

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	---	---	---	---	---	39	139	125	158	150	152	161
2	---	---	---	---	---	39	141	126	159	150	150	166
3	---	---	---	---	---	39	139	126	161	149	148	171
4	---	---	---	---	---	39	137	127	162	147	145	171
5	---	---	---	---	---	40	135	128	162	146	143	168
6	---	---	---	---	---	41	132	129	160	144	143	165
7	---	---	---	---	---	42	130	129	157	143	145	163
8	---	---	---	---	---	43	128	130	155	141	147	160
9	---	---	---	---	---	44	126	132	152	143	149	157
10	---	---	---	---	---	45	131	133	150	146	150	154
11	---	---	---	---	---	46	135	134	147	148	152	155
12	---	---	---	---	---	55	140	136	147	151	154	156
13	---	---	---	---	---	65	144	137	148	153	154	157
14	---	---	---	---	---	74	149	139	150	156	153	158
15	---	---	---	---	---	83	153	140	151	158	152	159
16	---	---	---	---	---	92	158	142	152	158	151	160
17	---	---	---	---	---	102	156	144	154	156	150	161
18	---	---	---	---	---	111	154	146	155	154	149	160
19	---	---	---	---	---	113	152	147	155	152	148	160
20	---	---	---	---	---	116	151	149	152	150	148	159
21	---	---	---	---	---	118	149	149	149	148	147	159
22	---	---	---	---	---	120	147	150	146	146	146	158
23	---	---	---	---	---	122	145	150	143	146	145	158
24	---	---	---	---	---	125	145	151	140	148	144	157
25	---	---	---	---	---	127	141	152	137	150	143	156
26	---	---	---	---	---	129	138	152	137	152	142	156
27	---	---	---	---	---	131	134	153	139	153	142	155
28	---	---	---	---	---	133	130	153	141	155	147	155
29	---	---	---	---	---	135	127	155	144	157	152	154
30	---	---	---	---	---	137	123	156	146	157	157	154
31	---	---	---	---	---	---	124	---	148	155	---	153
TOTAL						2545	4333	4220	4654	4660	4447	4936
MEAN						85	140	141	150	150	148	159
MAX						137	158	156	162	158	157	171
MIN						39	123	125	137	141	142	153
AC-FT						5048	8594	8370	9231	9243	8820	9791
IRRIGATION YEAR 1989			TOTAL	29794	MEAN	82	AC-FT	59096				

13-NOV-89

13210824 NORTH MIDDLETON DRAIN
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1988 TO OCTOBER 1989
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	---	---	---	---	---	31	65	63	48	32	40	36
2	---	---	---	---	---	31	66	64	49	32	39	37
3	---	---	---	---	---	31	64	65	50	34	39	37
4	---	---	---	---	---	31	63	66	51	35	38	37
5	---	---	---	---	---	32	61	66	51	37	37	37
6	---	---	---	---	---	33	60	67	50	38	36	36
7	---	---	---	---	---	34	58	67	48	40	38	36
8	---	---	---	---	---	36	57	64	47	41	40	36
9	---	---	---	---	---	37	55	62	46	41	42	35
10	---	---	---	---	---	38	56	59	44	40	43	35
11	---	---	---	---	---	39	56	56	43	40	45	35
12	---	---	---	---	---	42	57	54	43	39	47	35
13	---	---	---	---	---	45	57	51	42	38	47	35
14	---	---	---	---	---	48	58	51	41	38	46	36
15	---	---	---	---	---	52	58	50	41	37	45	36
16	---	---	---	---	---	55	59	50	40	37	44	36
17	---	---	---	---	---	58	58	49	39	38	42	36
18	---	---	---	---	---	61	58	49	38	39	41	36
19	---	---	---	---	---	60	57	48	38	41	40	35
20	---	---	---	---	---	60	56	48	39	42	40	35
21	---	---	---	---	---	59	55	48	41	43	39	35
22	---	---	---	---	---	59	55	47	42	44	38	35
23	---	---	---	---	---	58	54	47	43	44	37	34
24	---	---	---	---	---	58	54	46	45	44	36	34
25	---	---	---	---	---	57	55	45	46	43	35	34
26	---	---	---	---	---	58	57	45	46	43	34	33
27	---	---	---	---	---	60	58	44	44	43	34	33
28	---	---	---	---	---	61	59	44	41	42	35	33
29	---	---	---	---	---	62	61	45	39	42	35	33
30	---	---	---	---	---	63	62	46	37	42	36	32
31	---	---	---	---	---	---	63	---	34	41	---	32
TOTAL						1449	1811	1607	1345	1228	1186	1085
MEAN						48	58	54	43	40	40	35
MAX						63	66	67	51	44	47	37
MIN						31	54	44	34	32	34	32
AC-FT						2875	3593	3187	2667	2436	2352	2151
IRRIGATION YEAR 1989			TOTAL	9711	MEAN	27	AC-FT	19260				

13-NOV-89

13210826 STAR FEEDER
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1988 TO OCTOBER 1989
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	---	---	---	---	---	18	47	61	65	62	65	60
2	---	---	---	---	---	18	47	62	65	62	65	60
3	---	---	---	---	---	18	46	63	65	62	65	60
4	---	---	---	---	---	18	45	64	65	62	65	60
5	---	---	---	---	---	19	44	64	65	62	65	61
6	---	---	---	---	---	19	43	65	64	62	65	62
7	---	---	---	---	---	20	42	65	63	62	65	63
8	---	---	---	---	---	20	41	63	63	62	64	63
9	---	---	---	---	---	21	40	62	62	62	64	64
10	---	---	---	---	---	21	42	60	61	61	63	65
11	---	---	---	---	---	22	43	58	60	60	63	65
12	---	---	---	---	---	23	45	57	60	59	62	64
13	---	---	---	---	---	23	47	55	60	57	62	64
14	---	---	---	---	---	24	49	56	60	56	61	63
15	---	---	---	---	---	25	50	57	60	55	59	63
16	---	---	---	---	---	26	52	58	60	55	58	62
17	---	---	---	---	---	26	52	58	60	55	56	62
18	---	---	---	---	---	27	53	59	60	55	55	62
19	---	---	---	---	---	30	53	60	60	55	53	61
20	---	---	---	---	---	33	53	61	61	55	53	61
21	---	---	---	---	---	36	53	61	62	55	54	60
22	---	---	---	---	---	38	54	62	64	55	55	60
23	---	---	---	---	---	41	54	62	65	55	56	59
24	---	---	---	---	---	44	54	63	66	57	57	59
25	---	---	---	---	---	47	55	64	67	58	58	58
26	---	---	---	---	---	47	56	64	67	60	59	58
27	---	---	---	---	---	47	57	65	66	62	59	57
28	---	---	---	---	---	47	58	65	65	63	59	57
29	---	---	---	---	---	47	59	65	65	65	59	56
30	---	---	---	---	---	47	60	65	64	65	60	56
31	---	---	---	---	---	---	61	---	63	65	---	55
TOTAL						892	1555	1844	1952	1841	1801	1876
MEAN						30	50	61	63	59	60	61
MAX						47	61	65	67	65	65	65
MIN						18	40	55	60	55	53	55
AC-FT						1769	3084	3658	3871	3651	3572	3720
IRRIGATION YEAR 1989			TOTAL	11760	MEAN	32	AC-FT	23324				

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12-DEC-89

13210835 WILLOW CREEK
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1988 TO OCTOBER 1989
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	---	---	---	---	---	19	46	39	22	27	33	31
2	---	---	---	---	---	19	45	40	21	27	32	33
3	---	---	---	---	---	19	45	41	20	27	30	35
4	---	---	---	---	---	19	44	42	19	26	29	35
5	---	---	---	---	---	20	44	42	19	26	28	35
6	---	---	---	---	---	21	44	43	21	25	28	34
7	---	---	---	---	---	22	44	43	23	25	30	34
8	---	---	---	---	---	24	43	41	26	24	32	34
9	---	---	---	---	---	25	43	38	28	24	35	33
10	---	---	---	---	---	26	44	36	30	24	37	33
11	---	---	---	---	---	27	45	34	32	24	39	32
12	---	---	---	---	---	28	46	31	32	24	41	32
13	---	---	---	---	---	30	46	29	31	24	41	32
14	---	---	---	---	---	31	47	30	30	24	40	31
15	---	---	---	---	---	33	48	31	29	24	40	31
16	---	---	---	---	---	34	49	32	28	30	39	31
17	---	---	---	---	---	36	50	33	27	30	38	30
18	---	---	---	---	---	37	51	34	26	29	38	30
19	---	---	---	---	---	39	52	35	26	28	37	29
20	---	---	---	---	---	40	54	36	28	27	37	29
21	---	---	---	---	---	42	55	36	30	26	35	29
22	---	---	---	---	---	44	56	34	32	25	32	28
23	---	---	---	---	---	46	57	32	33	25	30	28
24	---	---	---	---	---	47	57	30	35	27	28	28
25	---	---	---	---	---	49	54	28	37	28	25	27
26	---	---	---	---	---	48	51	26	37	30	23	27
27	---	---	---	---	---	48	48	24	35	32	23	27
28	---	---	---	---	---	47	44	24	34	33	25	26
29	---	---	---	---	---	47	41	23	32	35	27	26
30	---	---	---	---	---	46	38	22	30	35	29	25
31	---	---	---	---	---	---	39	---	29	34	---	25
TOTAL						1013	1469	1010	880	847	980	939
MEAN						34	47	34	28	27	33	30
MAX						49	57	43	37	35	41	35
MIN						19	38	22	19	24	23	25
AC-FT						2010	2913	2003	1745	1679	1944	1863
IRRIGATION YEAR 1989			TOTAL	7138	MEAN	20	AC-FT	14158				

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13-NOV-89

13210828 LONG FEEDER
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1988 TO OCTOBER 1989
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	---	---	---	---	---	9.0	15	12	12	10	12	11
2	---	---	---	---	---	9.0	15	12	12	10	12	10
3	---	---	---	---	---	9.0	14	12	12	10	12	10
4	---	---	---	---	---	9.0	14	12	12	10	12	10
5	---	---	---	---	---	9.4	13	12	12	10	12	10
6	---	---	---	---	---	9.9	12	12	12	10	12	10
7	---	---	---	---	---	10	11	12	12	10	12	10
8	---	---	---	---	---	11	11	12	12	10	12	10
9	---	---	---	---	---	11	10	12	12	10	12	10
10	---	---	---	---	---	12	10	12	12	10	12	10
11	---	---	---	---	---	12	10	12	12	10	12	10
12	---	---	---	---	---	12	10	12	12	10	12	10
13	---	---	---	---	---	12	10	12	12	10	12	10
14	---	---	---	---	---	12	10	12	12	10	12	10
15	---	---	---	---	---	12	10	12	12	10	12	10
16	---	---	---	---	---	12	10	12	12	10	12	10
17	---	---	---	---	---	12	10	12	12	10	12	10
18	---	---	---	---	---	12	11	12	12	11	12	10
19	---	---	---	---	---	12	11	12	12	11	12	10
20	---	---	---	---	---	13	11	12	12	11	12	10
21	---	---	---	---	---	13	11	12	11	12	12	10
22	---	---	---	---	---	14	12	12	11	12	12	10
23	---	---	---	---	---	14	12	12	11	12	12	10
24	---	---	---	---	---	15	12	12	10	12	12	10
25	---	---	---	---	---	15	12	12	10	12	12	10
26	---	---	---	---	---	15	12	12	10	12	12	10
27	---	---	---	---	---	15	12	12	10	12	12	10
28	---	---	---	---	---	15	12	12	10	12	12	10
29	---	---	---	---	---	15	12	12	10	12	11	10
30	---	---	---	---	---	15	12	12	10	12	11	10
31	---	---	---	---	---	---	12	---	10	12	---	10
TOTAL						366	359	360	353	335	358	311
MEAN						12	12	12	11	11	12	10
MAX						15	15	12	12	12	12	11
MIN						9.0	10	12	10	10	11	10
AC-FT						726	712	714	700	664	710	617
IRRIGATION YEAR 1989			TOTAL	2442	MEAN	7	AC-FT	4843				

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13-NOV-89

13210829 WATTS CHECK
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1988 TO OCTOBER 1989
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	---	---	---	---	---	12	18	20	14	12	12	12
2	---	---	---	---	---	12	18	20	13	12	12	12
3	---	---	---	---	---	12	18	19	13	12	12	12
4	---	---	---	---	---	12	19	19	12	13	12	12
5	---	---	---	---	---	12	19	18	12	13	12	12
6	---	---	---	---	---	13	19	18	12	13	12	12
7	---	---	---	---	---	13	19	18	12	14	12	12
8	---	---	---	---	---	13	20	18	12	14	12	12
9	---	---	---	---	---	13	20	18	12	14	12	12
10	---	---	---	---	---	14	20	18	12	14	12	12
11	---	---	---	---	---	14	19	18	12	13	12	12
12	---	---	---	---	---	14	19	18	12	13	12	12
13	---	---	---	---	---	15	19	18	12	13	12	12
14	---	---	---	---	---	15	19	18	12	12	12	12
15	---	---	---	---	---	15	18	17	12	12	12	3.0
16	---	---	---	---	---	15	18	17	12	12	12	0.0
17	---	---	---	---	---	16	18	16	12	12	12	0.0
18	---	---	---	---	---	16	19	16	12	12	12	0.0
19	---	---	---	---	---	16	19	15	12	12	12	0.0
20	---	---	---	---	---	16	20	15	12	12	12	0.0
21	---	---	---	---	---	16	20	15	12	12	12	0.0
22	---	---	---	---	---	16	21	15	12	12	12	0.0
23	---	---	---	---	---	16	21	15	12	12	12	0.0
24	---	---	---	---	---	16	21	15	12	12	12	0.0
25	---	---	---	---	---	16	21	15	12	12	12	0.0
26	---	---	---	---	---	16	21	15	12	12	12	0.0
27	---	---	---	---	---	17	21	15	12	12	12	0.0
28	---	---	---	---	---	17	21	15	12	12	12	0.0
29	---	---	---	---	---	17	21	15	12	12	12	0.0
30	---	---	---	---	---	17	21	14	12	12	12	0.0
31	---	---	---	---	---	---	21	---	12	12	---	0.0
TOTAL						442	607	503	375	386	360	171
MEAN						15	20	17	12	12	12	5.5
MAX						17	21	20	14	14	12	12
MIN						12	18	14	12	12	12	0.0
AC-FT						877	1205	998	744	766	714	339
IRRIGATION YEAR 1989												
TOTAL			2845	MEAN	8	AC-FT	5642					

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13-NOV-89

13210831 SOUTH MIDDLETON DRAIN
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1988 TO OCTOBER 1989
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	---	---	---	---	---	36	106	127	122	109	98	107
2	---	---	---	---	---	36	105	128	123	109	96	110
3	---	---	---	---	---	36	107	129	125	107	94	112
4	---	---	---	---	---	36	110	130	127	105	91	112
5	---	---	---	---	---	35	112	130	127	104	89	109
6	---	---	---	---	---	34	114	131	125	102	89	106
7	---	---	---	---	---	33	116	131	122	100	93	104
8	---	---	---	---	---	32	119	130	120	98	96	101
9	---	---	---	---	---	31	121	129	118	98	100	98
10	---	---	---	---	---	30	122	129	115	97	103	95
11	---	---	---	---	---	29	123	128	113	96	107	94
12	---	---	---	---	---	36	124	127	113	95	110	94
13	---	---	---	---	---	43	126	126	114	94	110	93
14	---	---	---	---	---	50	127	124	116	93	107	93
15	---	---	---	---	---	56	128	121	117	92	104	92
16	---	---	---	---	---	63	129	119	118	92	102	92
17	---	---	---	---	---	70	130	117	120	93	99	91
18	---	---	---	---	---	77	131	115	121	93	96	91
19	---	---	---	---	---	82	132	112	121	94	93	91
20	---	---	---	---	---	86	134	110	119	94	93	91
21	---	---	---	---	---	91	135	110	116	95	94	91
22	---	---	---	---	---	95	136	111	114	95	95	91
23	---	---	---	---	---	100	137	112	111	95	96	91
24	---	---	---	---	---	104	137	113	109	96	96	91
25	---	---	---	---	---	109	135	114	106	98	97	90
26	---	---	---	---	---	108	133	115	106	99	98	90
27	---	---	---	---	---	108	132	116	107	100	98	90
28	---	---	---	---	---	107	130	116	107	102	100	90
29	---	---	---	---	---	107	128	118	108	103	103	90
30	---	---	---	---	---	106	126	120	108	103	105	90
31	---	---	---	---	---	---	127	---	109	101	---	90
TOTAL						1966	3871	3637	3594	3050	2950	2969
MEAN						66	125	121	116	98	98	96
MAX						109	137	131	127	109	110	112
MIN						29	105	110	106	92	89	90
AC-FT						3900	7678	7215	7129	6049	5851	5889
IRRIGATION YEAR 1989			TOTAL	22037	MEAN	60	AC-FT	43710				

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13-NOV-89

13210849 MASON CREEK
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1988 TO OCTOBER 1989
MEAN VALUES

A-15

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	---	---	---	---	---	11	23	35	47	45	39	23
2	---	---	---	---	---	11	23	36	48	45	38	22
3	---	---	---	---	---	11	24	38	50	44	37	22
4	---	---	---	---	---	11	24	39	51	43	36	22
5	---	---	---	---	---	11	25	40	51	42	35	22
6	---	---	---	---	---	10	25	41	51	41	35	21
7	---	---	---	---	---	10	26	41	50	40	34	21
8	---	---	---	---	---	9.7	26	42	50	39	32	21
9	---	---	---	---	---	9.3	27	42	50	39	31	20
10	---	---	---	---	---	9.0	27	43	49	38	30	20
11	---	---	---	---	---	10	26	43	49	36	28	20
12	---	---	---	---	---	12	26	44	49	35	27	20
13	---	---	---	---	---	13	26	44	47	34	27	20
14	---	---	---	---	---	14	26	43	45	32	26	19
15	---	---	---	---	---	15	25	42	44	31	25	19
16	---	---	---	---	---	17	25	41	42	31	25	19
17	---	---	---	---	---	18	25	39	40	31	24	19
18	---	---	---	---	---	19	24	38	38	32	23	19
19	---	---	---	---	---	19	24	37	38	32	22	19
20	---	---	---	---	---	20	23	36	39	32	22	19
21	---	---	---	---	---	21	23	36	40	33	22	18
22	---	---	---	---	---	22	22	37	41	33	23	18
23	---	---	---	---	---	22	22	38	42	33	23	18
24	---	---	---	---	---	23	22	39	43	34	23	18
25	---	---	---	---	---	23	24	40	44	36	24	18
26	---	---	---	---	---	23	26	41	44	37	24	18
27	---	---	---	---	---	23	28	42	44	38	24	18
28	---	---	---	---	---	23	29	42	44	40	24	17
29	---	---	---	---	---	23	31	44	45	41	23	17
30	---	---	---	---	---	23	33	45	45	41	23	17
31	---	---	---	---	---	---	34	---	45	40	---	17
TOTAL						486	794	1206	1403	1148	829	601
MEAN						16	26	40	45	37	28	19
MAX						23	34	45	51	45	39	23
MIN						9.0	22	35	38	31	22	17
AC-FT						964	1574	2392	2783	2277	1643	1192
IRRIGATION YEAR 1989			TOTAL	6466	MEAN	18	AC-FT	12825				

13-NOV-89

13210980 MASON DRAIN
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1988 TO OCTOBER 1989
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	---	---	---	---	---	83	138	165	181	163	169	179
2	---	---	---	---	---	83	142	166	183	163	168	182
3	---	---	---	---	---	83	144	167	186	162	167	184
4	---	---	---	---	---	83	146	168	188	160	165	184
5	---	---	---	---	---	82	148	170	188	159	164	183
6	---	---	---	---	---	81	149	171	186	157	164	183
7	---	---	---	---	---	80	151	171	183	156	171	182
8	---	---	---	---	---	78	153	169	181	154	177	181
9	---	---	---	---	---	77	155	167	179	154	184	181
10	---	---	---	---	---	76	153	165	176	156	191	180
11	---	---	---	---	---	75	150	162	174	158	197	179
12	---	---	---	---	---	76	148	160	174	161	204	178
13	---	---	---	---	---	76	146	158	173	163	204	177
14	---	---	---	---	---	77	144	156	172	165	201	175
15	---	---	---	---	---	77	141	154	171	167	199	174
16	---	---	---	---	---	78	139	152	170	167	196	173
17	---	---	---	---	---	78	140	151	169	166	193	172
18	---	---	---	---	---	79	142	149	168	164	191	172
19	---	---	---	---	---	84	143	147	168	163	188	171
20	---	---	---	---	---	88	145	145	165	161	188	171
21	---	---	---	---	---	93	146	145	162	160	185	170
22	---	---	---	---	---	98	148	150	160	158	182	170
23	---	---	---	---	---	103	149	154	157	158	179	169
24	---	---	---	---	---	107	149	159	154	160	175	169
25	---	---	---	---	---	112	151	164	151	163	172	168
26	---	---	---	---	---	116	153	168	151	165	169	168
27	---	---	---	---	---	121	156	173	153	167	169	167
28	---	---	---	---	---	125	158	173	155	170	172	167
29	---	---	---	---	---	129	160	176	157	172	174	166
30	---	---	---	---	---	133	162	178	159	172	177	166
31	---	---	---	---	---	---	163	---	161	171	---	165
TOTAL						2731	4612	4852	5254	5031	5434	5402
MEAN						91	149	162	169	162	181	174
MAX						133	163	178	188	172	204	184
MIN						75	138	145	151	154	164	165
AC-FT						5418	9147	9623	10420	9979	10778	10715
IRRIGATION YEAR 1989			TOTAL	33315	MEAN	91	AC-FT	66080				

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13-NOV-89

13210986 HARTLEY GULCH
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1988 TO OCTOBER 1989
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	---	---	---	---	---	17	28	29	22	17	19	24
2	---	---	---	---	---	17	29	28	21	17	19	24
3	---	---	---	---	---	17	30	28	20	18	18	23
4	---	---	---	---	---	17	31	27	19	19	18	23
5	---	---	---	---	---	17	32	27	19	20	18	23
6	---	---	---	---	---	17	33	26	19	20	18	23
7	---	---	---	---	---	17	34	25	20	21	20	23
8	---	---	---	---	---	18	35	25	20	22	22	22
9	---	---	---	---	---	18	36	24	20	22	24	22
10	---	---	---	---	---	18	35	24	21	22	26	22
11	---	---	---	---	---	18	33	23	21	21	28	22
12	---	---	---	---	---	19	32	23	21	21	30	22
13	---	---	---	---	---	20	31	22	21	21	30	22
14	---	---	---	---	---	21	30	23	21	20	29	21
15	---	---	---	---	---	23	28	24	21	20	28	21
16	---	---	---	---	---	24	27	25	20	20	27	21
17	---	---	---	---	---	25	28	26	20	20	25	21
18	---	---	---	---	---	26	29	27	20	20	24	21
19	---	---	---	---	---	25	30	28	20	21	23	20
20	---	---	---	---	---	24	31	29	20	21	23	20
21	---	---	---	---	---	23	32	29	19	21	24	20
22	---	---	---	---	---	23	33	28	19	21	24	20
23	---	---	---	---	---	22	34	27	18	21	25	19
24	---	---	---	---	---	21	34	27	18	21	26	19
25	---	---	---	---	---	20	33	26	17	20	26	19
26	---	---	---	---	---	21	33	25	17	20	27	18
27	---	---	---	---	---	23	32	24	17	20	27	18
28	---	---	---	---	---	24	31	24	17	19	26	18
29	---	---	---	---	---	25	31	23	17	19	26	18
30	---	---	---	---	---	26	30	22	17	19	25	17
31	---	---	---	---	---	---	29	---	17	19	---	17
TOTAL						626	974	768	596	622	724	643
MEAN						21	31	26	19	20	24	21
MAX						26	36	29	22	22	30	24
MIN						17	27	22	17	17	18	17
AC-FT						1242	1932	1523	1182	1233	1436	1274
IRRIGATION YEAR 1989			TOTAL	4953	MEAN	14	AC-FT	9823				

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13-NOV-89

13210988 HARTLEY DRAIN
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1988 TO OCTOBER 1989
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	---	---	---	---	---	19	58	65	68	57	57	50
2	---	---	---	---	---	19	59	66	70	57	56	49
3	---	---	---	---	---	19	60	67	73	56	54	47
4	---	---	---	---	---	19	61	68	75	56	53	47
5	---	---	---	---	---	19	62	68	75	55	52	48
6	---	---	---	---	---	20	62	69	74	54	52	48
7	---	---	---	---	---	20	63	67	72	54	56	49
8	---	---	---	---	---	20	64	66	71	53	59	50
9	---	---	---	---	---	20	65	64	70	53	63	50
10	---	---	---	---	---	21	63	62	68	54	67	51
11	---	---	---	---	---	21	62	60	67	56	70	50
12	---	---	---	---	---	22	60	59	67	57	74	49
13	---	---	---	---	---	22	59	57	68	58	74	48
14	---	---	---	---	---	23	57	58	68	60	73	48
15	---	---	---	---	---	23	56	59	69	61	71	47
16	---	---	---	---	---	24	54	60	70	61	70	46
17	---	---	---	---	---	24	56	62	70	60	68	45
18	---	---	---	---	---	25	59	63	71	59	67	45
19	---	---	---	---	---	29	61	64	71	58	65	45
20	---	---	---	---	---	32	64	65	70	57	65	45
21	---	---	---	---	---	36	66	65	68	56	64	44
22	---	---	---	---	---	40	69	64	67	55	62	44
23	---	---	---	---	---	44	71	64	66	55	61	44
24	---	---	---	---	---	47	71	63	64	56	59	44
25	---	---	---	---	---	51	70	62	63	56	58	44
26	---	---	---	---	---	52	69	62	---	57	56	44
27	---	---	---	---	---	53	68	61	63	58	56	44
28	---	---	---	---	---	54	66	61	62	58	55	43
29	---	---	---	---	---	56	65	63	61	59	53	43
30	---	---	---	---	---	57	64	66	59	59	52	43
31	---	---	---	---	---	---	65	---	58	58	---	43
TOTAL						931	1948	1900	2038	1763	1838	1437
MEAN						31	63	63	68	57	61	46
MAX						57	71	69	75	61	74	51
MIN						19	54	57	58	53	52	43
AC-FT						1847	3864	3769	4042	3497	3645	2849
IRRIGATION YEAR 1989			TOTAL	11855	MEAN	32	AC-FT	23513				

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13-NOV-89

13211445 INDIAN CREEK
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1988 TO OCTOBER 1989
MEAN VALUES

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DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	---	---	---	---	---	110	112	59	62	37	75	130
2	---	---	---	---	---	110	115	60	60	37	74	131
3	---	---	---	---	---	110	107	61	58	42	72	132
4	---	---	---	---	---	110	100	62	56	48	71	132
5	---	---	---	---	---	111	92	63	56	53	70	134
6	---	---	---	---	---	113	84	64	59	58	70	136
7	---	---	---	---	---	114	76	62	61	64	72	139
8	---	---	---	---	---	115	69	61	64	69	73	141
9	---	---	---	---	---	116	61	59	66	69	75	143
10	---	---	---	---	---	118	59	57	69	68	76	145
11	---	---	---	---	---	119	58	55	71	66	78	152
12	---	---	---	---	---	111	56	54	71	65	79	159
13	---	---	---	---	---	104	54	52	70	64	79	166
14	---	---	---	---	---	96	52	53	68	62	81	172
15	---	---	---	---	---	88	51	54	67	61	84	179
16	---	---	---	---	---	80	49	55	65	61	86	186
17	---	---	---	---	---	73	48	57	64	60	88	193
18	---	---	---	---	---	65	48	58	62	59	91	192
19	---	---	---	---	---	70	47	59	62	58	93	191
20	---	---	---	---	---	74	47	60	61	57	93	190
21	---	---	---	---	---	79	46	60	60	56	99	189
22	---	---	---	---	---	83	46	62	59	55	104	188
23	---	---	---	---	---	88	45	63	57	55	110	187
24	---	---	---	---	---	92	45	65	56	59	115	187
25	---	---	---	---	---	97	47	66	55	62	121	186
26	---	---	---	---	---	100	49	68	55	66	126	185
27	---	---	---	---	---	102	51	69	52	70	126	184
28	---	---	---	---	---	105	53	67	49	73	127	183
29	---	---	---	---	---	107	55	65	46	77	128	182
30	---	---	---	---	---	110	57	63	43	77	129	181
31	---	---	---	---	---	---	58	---	40	76	---	180
TOTAL						2970	1937	1812	1840	1884	2762	5174
MEAN						99	62	60	59	61	92	167
MAX						119	115	69	71	77	129	193
MIN						65	45	52	40	37	70	130
AC-FT						5890	3843	3594	3649	3737	5478	10263
IRRIGATION YEAR 1989			TOTAL	18378	MEAN	50	AC-FT	36452				

13-NOV-89

13212550 CONWAY GULCH
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1988 TO OCTOBER 1989
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	---	---	---	---	---	37	62	71	57	54	67	62
2	---	---	---	---	---	37	64	70	56	52	66	60
3	---	---	---	---	---	37	65	68	55	52	65	59
4	---	---	---	---	---	37	64	66	54	53	63	57
5	---	---	---	---	---	37	64	64	53	54	62	57
6	---	---	---	---	---	38	63	63	53	56	61	57
7	---	---	---	---	---	38	62	61	54	57	61	56
8	---	---	---	---	---	39	61	61	55	58	63	56
9	---	---	---	---	---	39	61	60	56	59	65	56
10	---	---	---	---	---	40	60	58	56	59	67	55
11	---	---	---	---	---	40	60	57	57	60	68	55
12	---	---	---	---	---	41	60	55	58	61	70	54
13	---	---	---	---	---	44	60	54	58	62	72	54
14	---	---	---	---	---	47	59	52	60	62	72	53
15	---	---	---	---	---	50	59	53	62	63	73	52
16	---	---	---	---	---	52	59	53	64	64	73	51
17	---	---	---	---	---	55	59	54	65	64	74	51
18	---	---	---	---	---	58	60	55	67	63	74	50
19	---	---	---	---	---	61	61	56	69	62	75	50
20	---	---	---	---	---	60	62	56	69	61	75	49
21	---	---	---	---	---	59	64	57	68	59	75	49
22	---	---	---	---	---	58	65	57	68	58	74	49
23	---	---	---	---	---	58	66	57	67	57	72	48
24	---	---	---	---	---	57	67	58	66	57	71	48
25	---	---	---	---	---	56	67	58	66	59	70	47
26	---	---	---	---	---	55	68	58	65	61	68	47
27	---	---	---	---	---	56	69	59	65	63	67	47
28	---	---	---	---	---	58	70	59	63	64	67	46
29	---	---	---	---	---	59	71	59	61	66	65	46
30	---	---	---	---	---	61	72	58	59	68	64	45
31	---	---	---	---	---	---	73	---	56	68	---	45
TOTAL						1464	1977	1766	1880	1854	2057	1610
MEAN						49	64	59	61	60	69	52
MAX						61	73	71	69	68	75	62
MIN						37	59	52	53	52	61	45
AC-FT						2904	3921	3502	3730	3678	4079	3193
IRRIGATION YEAR 1989												
TOTAL			12608	MEAN	35	AC-FT	25006					

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13-NOV-89

13212890 DIXIE SLOUGH
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1988 TO OCTOBER 1989
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	---	---	---	---	---	94	246	226	195	191	227	248
2	---	---	---	---	---	94	252	230	199	192	223	238
3	---	---	---	---	---	94	257	233	203	192	220	228
4	---	---	---	---	---	94	252	237	206	191	217	218
5	---	---	---	---	---	94	246	240	210	189	213	218
6	---	---	---	---	---	104	241	244	210	188	210	219
7	---	---	---	---	---	113	235	247	202	187	210	221
8	---	---	---	---	---	123	230	247	194	185	216	222
9	---	---	---	---	---	132	224	249	187	184	221	223
10	---	---	---	---	---	142	219	251	179	184	227	225
11	---	---	---	---	---	151	221	253	171	186	232	226
12	---	---	---	---	---	161	223	255	163	188	238	223
13	---	---	---	---	---	168	225	257	163	190	243	221
14	---	---	---	---	---	174	226	259	165	192	243	218
15	---	---	---	---	---	181	228	255	167	194	247	215
16	---	---	---	---	---	187	230	251	169	196	252	212
17	---	---	---	---	---	194	232	247	171	196	256	210
18	---	---	---	---	---	200	227	243	173	199	260	207
19	---	---	---	---	---	207	222	239	175	203	265	206
20	---	---	---	---	---	209	217	235	175	206	269	204
21	---	---	---	---	---	211	211	231	176	209	269	203
22	---	---	---	---	---	213	206	231	178	213	270	202
23	---	---	---	---	---	214	201	224	179	216	272	201
24	---	---	---	---	---	216	196	217	180	216	273	199
25	---	---	---	---	---	218	196	210	182	218	274	198
26	---	---	---	---	---	220	201	202	183	221	276	197
27	---	---	---	---	---	225	205	195	183	223	277	195
28	---	---	---	---	---	231	210	188	185	225	277	194
29	---	---	---	---	---	236	214	188	186	228	267	193
30	---	---	---	---	---	241	219	192	188	230	257	191
31	---	---	---	---	---	---	223	---	189	230	---	190
TOTAL						5141	6934	6975	5685	6262	7400	6563
MEAN						171	224	233	183	202	247	212
MAX						241	257	259	210	230	277	248
MIN						94	196	188	163	184	210	190
AC-FT						10197	13753	13835	11276	12420	14678	13018
IRRIGATION YEAR 1989			TOTAL	44959	MEAN	123	AC-FT	89176				

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CANAL DIVERSIONS

DIVERSIONS
IN ALPHABETICAL ORDER

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9-NOV-89

13201050 LUCKY PEAK NURSERY
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1988 TO OCTOBER 1989
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 1989 TOTAL 94 MEAN 0 AC-FT 186												

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9-NOV-89

13202995 PENITENTIARY CANAL
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1988 TO OCTOBER 1989
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	---	---	---	---	---	0.0	0.0	4.5	4.6	4.5	4.5	1.8
2	---	---	---	---	---	0.0	0.5	4.5	4.6	7.5	4.5	1.8
3	---	---	---	---	---	0.0	5.0	4.5	4.6	7.6	4.5	1.8
4	---	---	---	---	---	0.0	5.0	4.5	4.6	7.5	4.5	1.8
5	---	---	---	---	---	0.0	5.0	4.5	5.6	7.5	4.5	1.8
6	---	---	---	---	---	0.0	5.0	4.5	5.6	7.5	4.5	1.8
7	---	---	---	---	---	0.0	5.0	4.5	6.2	7.5	4.5	0.0
8	---	---	---	---	---	0.0	5.0	7.7	6.2	7.5	4.5	0.0
9	---	---	---	---	---	0.0	5.0	7.7	6.2	8.4	5.8	0.0
10	---	---	---	---	---	0.0	5.0	7.8	6.2	7.6	5.8	0.0
11	---	---	---	---	---	0.0	6.0	7.8	6.2	6.0	5.8	0.0
12	---	---	---	---	---	0.0	6.0	7.8	7.6	5.6	5.8	0.0
13	---	---	---	---	---	0.0	6.0	7.8	7.5	5.6	5.9	0.0
14	---	---	---	---	---	0.0	6.0	7.8	7.5	5.6	5.8	0.0
15	---	---	---	---	---	0.0	6.0	9.1	7.5	5.6	5.8	0.0
16	---	---	---	---	---	0.0	6.0	8.0	7.5	5.7	5.8	0.0
17	---	---	---	---	---	0.0	6.0	8.0	8.9	5.7	5.8	0.0
18	---	---	---	---	---	0.0	6.0	8.0	8.9	5.6	5.8	0.0
19	---	---	---	---	---	0.0	6.0	8.0	7.5	5.6	5.0	0.0
20	---	---	---	---	---	0.0	6.0	8.0	7.6	5.6	5.8	0.0
21	---	---	---	---	---	0.0	6.0	6.8	7.5	5.6	5.8	0.0
22	---	---	---	---	---	0.0	7.7	6.2	5.0	5.7	5.8	0.0
23	---	---	---	---	---	0.0	7.7	6.2	5.1	6.0	5.8	0.0
24	---	---	---	---	---	1.0	4.5	6.2	4.5	5.4	5.8	0.0
25	---	---	---	---	---	1.0	4.5	6.2	4.5	5.4	5.8	0.0
26	---	---	---	---	---	1.0	4.5	6.2	4.5	5.5	5.9	0.0
27	---	---	---	---	---	0.0	4.5	6.2	4.5	5.5	1.8	0.0
28	---	---	---	---	---	0.0	4.5	6.2	4.5	4.5	1.8	0.0
29	---	---	---	---	---	0.0	4.5	6.2	4.5	4.5	1.8	0.0
30	---	---	---	---	---	1.0	4.5	4.6	4.5	4.5	1.8	0.0
31	---	---	---	---	---	---	4.5	---	4.5	4.5	---	0.0
TOTAL						4	158	196	185	187	147	11
MEAN						0.1	5.1	6.5	6.0	6.0	4.9	0.3
MAX						1.0	7.7	9.1	8.9	8.4	5.9	1.8
MIN						0.0	0.0	4.5	4.5	4.5	1.8	0.0
AC-FT						8	313	389	366	371	292	21

IRRIGATION YEAR 1989 TOTAL 887 MEAN 2 AC-FT 1759

13203000 NEW YORK CANAL
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1988 TO OCTOBER 1989
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	---	---	---	0.0	1009	0.0	2234	2563	2537	2553	2262	1797
2	---	---	---	0.0	1084	0.0	2236	2579	2539	2553	2265	1727
3	---	---	---	0.0	1129	0.0	2208	2578	2529	2556	2263	1617
4	---	---	---	0.0	1115	0.0	2225	2585	2530	2558	2260	1552
5	---	---	---	0.0	1088	0.0	2229	2593	2532	2554	2260	1503
6	---	---	---	0.0	1029	0.0	2229	2604	2527	2556	2259	1485
7	---	---	---	0.0	1046	0.0	2237	2610	2504	2552	2260	1463
8	---	---	---	0.0	1043	0.0	2278	2610	2509	2542	2320	1452
9	---	---	---	0.0	1042	0.0	2367	2536	2510	2550	2321	1452
10	---	---	---	0.0	1043	0.0	2449	2539	2509	2541	2322	1450
11	---	---	---	0.0	1045	0.0	2474	2539	2509	2502	2319	872
12	---	---	---	0.0	1045	280	2441	2539	2502	2494	2316	0.0
13	---	---	---	0.0	1043	763	2446	2528	2504	2504	2312	0.0
14	---	---	---	0.0	1039	1062	2455	2532	2549	2501	2292	0.0
15	---	---	---	0.0	1039	1194	2466	2533	2554	2501	2261	0.0
16	---	---	---	0.0	1042	1197	2525	2555	2556	2500	2255	0.0
17	---	---	---	0.0	1040	1268	2558	2550	2552	2509	2239	0.0
18	---	---	---	0.0	1035	1342	2571	2554	2544	2572	2187	0.0
19	---	---	---	0.0	1036	1390	2565	2549	2555	2567	2067	0.0
20	---	---	---	0.0	1039	1544	2567	2557	2566	2566	1942	0.0
21	---	---	---	0.0	1044	1679	2572	2554	2518	2561	1884	0.0
22	---	---	---	0.0	1053	1794	2574	2545	2517	2560	1834	0.0
23	---	---	---	133	1049	1809	2580	2528	2515	2549	1813	0.0
24	---	---	---	626	1043	1831	2580	2522	2512	2518	1813	0.0
25	---	---	---	649	1040	1943	2581	2531	2517	2407	1811	0.0
26	---	---	---	648	1036	2071	2555	2525	2512	2296	1813	0.0
27	---	---	---	757	436	2166	2565	2532	2516	2266	1811	0.0
28	---	---	---	943	0.0	2188	2567	2534	2545	2264	1776	0.0
29	---	---	---	---	0.0	2210	2567	2532	2544	2268	1788	0.0
30	---	---	---	---	0.0	2233	2569	2537	2544	2272	1796	0.0
31	---	---	---	---	0.0	---	2565	---	2548	2267	---	0.0
TOTAL				3756	27731	29964	76032	76573	78405	76961	63121	16369
MEAN				134	895	999	2453	2552	2529	2483	2104	528
MAX				943	1129	2233	2581	2610	2566	2572	2322	1797
MIN				0.0	0.0	0.0	2208	2522	2502	2264	1776	0.0
AC-FT				7451	55005	59433	150810	151882	155516	152651	125200	32468

IRRIGATION YEAR 1989 TOTAL 448912 MEAN 1230 AC-FT 890416

9-NOV-89

13203527 SURPRISE VLY FARMS
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1988 TO OCTOBER 1989
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	---	---	---	---	---	0.0	3.0	3.0	2.0	0.0	3.0	0.0
2	---	---	---	---	---	0.0	3.0	3.0	2.5	0.5	3.0	0.0
3	---	---	---	---	---	0.0	3.0	3.0	3.0	1.0	3.0	0.0
4	---	---	---	---	---	0.0	3.0	3.0	3.0	1.5	3.0	0.0
5	---	---	---	---	---	0.0	3.0	3.0	3.0	2.0	3.0	0.0
6	---	---	---	---	---	0.0	3.0	3.0	3.0	2.5	3.0	0.0
7	---	---	---	---	---	0.0	3.0	3.0	3.0	3.0	3.0	0.0
8	---	---	---	---	---	0.0	3.0	3.0	3.0	3.0	3.0	0.0
9	---	---	---	---	---	0.0	3.0	3.0	3.0	2.5	3.0	0.0
10	---	---	---	---	---	0.0	2.5	3.0	3.0	2.0	3.0	0.0
11	---	---	---	---	---	0.0	2.0	3.0	3.0	1.5	3.0	0.0
12	---	---	---	---	---	0.0	1.5	3.0	2.5	1.0	3.0	0.0
13	---	---	---	---	---	0.0	1.0	3.0	2.0	0.5	2.5	0.0
14	---	---	---	---	---	0.0	0.5	3.0	1.5	0.0	2.0	0.0
15	---	---	---	---	---	0.0	0.0	3.0	1.0	0.0	1.5	0.0
16	---	---	---	---	---	0.0	0.4	3.0	0.5	0.5	1.0	0.0
17	---	---	---	---	---	0.0	0.9	3.0	0.0	1.0	0.5	0.0
18	---	---	---	---	---	0.0	1.3	3.0	0.0	1.5	0.0	0.0
19	---	---	---	---	---	0.5	1.7	3.0	0.5	2.0	0.0	0.0
20	---	---	---	---	---	1.0	2.1	3.0	1.0	2.5	0.0	0.0
21	---	---	---	---	---	1.5	2.6	2.5	1.5	3.0	0.0	0.0
22	---	---	---	---	---	2.0	3.0	2.0	2.0	3.0	0.0	0.0
23	---	---	---	---	---	2.5	3.0	1.5	2.5	3.0	0.0	0.0
24	---	---	---	---	---	3.0	3.0	1.0	3.0	3.0	0.0	0.0
25	---	---	---	---	---	3.0	3.0	0.5	3.0	3.0	0.0	0.0
26	---	---	---	---	---	3.0	3.0	0.0	2.5	3.0	0.0	0.0
27	---	---	---	---	---	3.0	3.0	0.0	2.0	3.0	0.0	0.0
28	---	---	---	---	---	3.0	3.0	0.5	1.5	3.0	0.0	0.0
29	---	---	---	---	---	3.0	3.0	1.0	1.0	3.0	0.0	0.0
30	---	---	---	---	---	3.0	3.0	1.5	0.5	3.0	0.0	0.0
31	---	---	---	---	---	---	3.0	---	0.0	3.0	---	0.0
TOTAL						29	74	71	60	62	44	0
MEAN						0.9	2.4	2.3	1.9	2.0	1.5	0.0
MAX						3.0	3.0	3.0	3.0	3.0	3.0	0.0
MIN						0.0	0.0	0.0	0.0	0.0	0.0	0.0
AC-FT						57	146	140	119	122	86	0

IRRIGATION YEAR 1989 TOTAL 338 MEAN 1 AC-FT 669

13203760 RIDENBAUGH CANAL
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1988 TO OCTOBER 1989
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	---	---	---	---	---	0.0	489	537	533	472	435	413
2	---	---	---	---	---	0.0	495	537	533	469	435	103
3	---	---	---	---	---	0.0	501	537	533	469	436	0.0
4	---	---	---	---	---	0.0	507	537	533	468	436	0.0
5	---	---	---	---	---	0.0	514	537	533	468	436	0.0
6	---	---	---	---	---	0.0	520	537	533	471	435	0.0
7	---	---	---	---	---	0.0	526	537	534	473	435	0.0
8	---	---	---	---	---	0.0	532	536	534	437	434	0.0
9	---	---	---	---	---	0.0	533	536	534	447	433	0.0
10	---	---	---	---	---	0.0	534	535	534	458	433	0.0
11	---	---	---	---	---	0.0	535	535	534	468	432	0.0
12	---	---	---	---	---	86	535	534	534	432	432	0.0
13	---	---	---	---	---	113	536	534	535	470	432	0.0
14	---	---	---	---	---	140	537	534	535	471	432	0.0
15	---	---	---	---	---	168	538	534	535	471	433	0.0
16	---	---	---	---	---	195	538	535	536	470	433	0.0
17	---	---	---	---	---	222	538	535	536	470	433	0.0
18	---	---	---	---	---	249	538	535	536	469	433	0.0
19	---	---	---	---	---	276	538	535	487	470	411	0.0
20	---	---	---	---	---	303	538	535	486	471	412	0.0
21	---	---	---	---	---	331	538	535	470	472	413	0.0
22	---	---	---	---	---	358	538	534	470	461	414	0.0
23	---	---	---	---	---	385	538	534	472	458	414	0.0
24	---	---	---	---	---	412	538	533	473	455	415	0.0
25	---	---	---	---	---	423	538	533	473	452	416	0.0
26	---	---	---	---	---	434	538	532	473	449	416	0.0
27	---	---	---	---	---	445	537	532	473	446	415	0.0
28	---	---	---	---	---	456	537	532	473	443	415	0.0
29	---	---	---	---	---	467	537	532	472	443	414	0.0
30	---	---	---	---	---	478	537	533	472	433	414	0.0
31	---	---	---	---	---	---	537	---	472	434	---	0.0
TOTAL						5940	16435	16039	15780	14240	12776	516
MEAN						198	530	535	509	459	426	17
MAX						478	538	537	536	473	436	413
MIN						0.0	489	532	470	432	411	0.0
AC-FT						11782	32598	31813	31299	28244	25341	1023
IRRIGATION YEAR 1989			TOTAL	81725	MEAN	224	AC-FT	162100				

9-NOV-89

13204005 BUBB CANAL
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1988 TO OCTOBER 1989
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	---	---	---	---	---	0.0	9.0	10	10	8.0	6.0	5.0
2	---	---	---	---	---	0.0	9.0	10	10	8.0	5.0	6.0
3	---	---	---	---	---	0.0	9.0	10	10	8.0	5.0	6.0
4	---	---	---	---	---	0.0	9.0	10	10	8.0	6.0	5.8
5	---	---	---	---	---	0.0	9.0	10	10	8.0	6.0	5.7
6	---	---	---	---	---	0.0	9.0	10	10	8.0	6.0	5.5
7	---	---	---	---	---	0.0	9.0	10	10	8.0	6.0	5.3
8	---	---	---	---	---	0.0	8.0	10	10	8.0	6.0	5.2
9	---	---	---	---	---	0.0	8.0	10	10	7.7	5.0	5.0
10	---	---	---	---	---	0.0	8.0	10	10	7.3	5.0	5.0
11	---	---	---	---	---	0.0	8.0	10	10	7.0	6.0	5.0
12	---	---	---	---	---	0.0	8.0	10	9.7	6.7	6.0	5.0
13	---	---	---	---	---	0.0	8.0	10	9.3	6.3	6.0	5.0
14	---	---	---	---	---	0.0	8.0	10	9.0	6.0	6.0	5.0
15	---	---	---	---	---	6.0	9.0	10	8.7	6.0	6.0	2.0
16	---	---	---	---	---	6.6	9.0	10	8.3	5.8	5.0	0.0
17	---	---	---	---	---	7.1	9.0	10	8.0	5.5	5.0	0.0
18	---	---	---	---	---	7.7	9.0	10	8.0	5.3	6.0	0.0
19	---	---	---	---	---	8.3	9.0	10	8.0	5.0	6.0	0.0
20	---	---	---	---	---	8.9	9.0	10	8.0	5.0	6.0	0.0
21	---	---	---	---	---	9.4	9.0	10	8.0	5.0	6.0	0.0
22	---	---	---	---	---	10	9.0	10	8.0	6.0	6.0	0.0
23	---	---	---	---	---	9.0	9.0	10	8.0	6.0	5.0	0.0
24	---	---	---	---	---	9.0	9.2	10	8.0	6.0	5.0	0.0
25	---	---	---	---	---	9.0	9.3	10	8.0	6.0	6.0	0.0
26	---	---	---	---	---	9.0	9.5	10	8.0	5.0	6.0	0.0
27	---	---	---	---	---	9.0	9.7	10	8.0	5.0	6.0	0.0
28	---	---	---	---	---	9.0	9.8	10	8.0	6.0	6.0	0.0
29	---	---	---	---	---	9.0	10	10	8.0	6.0	6.0	0.0
30	---	---	---	---	---	9.0	10	10	8.0	6.0	5.0	0.0
31	---	---	---	---	---	---	10	---	8.0	6.0	---	0.0
TOTAL						136	278	300	275	201	171	77
MEAN						4.5	9.0	10	8.9	6.5	5.7	2.5
MAX						10	10	10	10	8.0	6.0	6.0
MIN						0.0	8.0	10	8.0	5.0	5.0	0.0
AC-FT						270	550	595	545	398	339	152
IRRIGATION YEAR 1989 TOTAL 1437 MEAN 4 AC-FT 2849												

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9-NOV-89

13204020 MEEVES CANAL
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1988 TO OCTOBER 1989
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	---	---	---	---	---	0.0	0.0	1.0	1.0	1.0	0.5	0.0
2	---	---	---	---	---	0.0	0.1	1.0	1.0	1.0	0.3	0.0
3	---	---	---	---	---	0.0	0.3	1.0	1.0	1.0	0.2	0.0
4	---	---	---	---	---	0.0	0.4	1.0	1.0	1.0	0.0	0.0
5	---	---	---	---	---	0.0	0.6	1.0	1.0	1.0	0.0	0.0
6	---	---	---	---	---	0.0	0.7	1.0	1.0	1.0	0.2	0.0
7	---	---	---	---	---	0.0	0.9	1.0	1.0	1.0	0.3	0.0
8	---	---	---	---	---	0.0	1.0	1.0	1.0	1.0	0.5	0.0
9	---	---	---	---	---	0.0	1.0	1.0	1.0	0.8	0.7	0.0
10	---	---	---	---	---	0.0	1.0	1.0	1.0	0.7	0.8	0.0
11	---	---	---	---	---	0.0	1.0	1.0	1.0	0.5	1.0	0.0
12	---	---	---	---	---	0.0	1.0	1.0	1.0	0.3	1.0	0.0
13	---	---	---	---	---	0.0	1.0	1.0	1.0	0.2	0.8	0.0
14	---	---	---	---	---	0.0	1.0	1.0	1.0	0.0	0.7	0.0
15	---	---	---	---	---	0.0	1.0	1.0	1.0	0.0	0.5	0.0
16	---	---	---	---	---	1.0	1.0	1.0	1.0	0.0	0.3	0.0
17	---	---	---	---	---	1.0	0.8	1.0	1.0	0.0	0.2	0.0
18	---	---	---	---	---	1.0	0.7	1.0	1.0	0.0	0.0	0.0
19	---	---	---	---	---	1.0	0.5	1.0	1.0	0.0	0.0	0.0
20	---	---	---	---	---	1.0	0.3	1.0	1.0	0.0	0.0	0.0
21	---	---	---	---	---	1.0	0.2	1.0	1.0	0.0	0.0	0.0
22	---	---	---	---	---	1.0	0.0	1.0	1.0	0.0	0.0	0.0
23	---	---	---	---	---	1.0	0.0	1.0	1.0	0.2	0.0	0.0
24	---	---	---	---	---	1.0	0.2	1.0	1.0	0.3	0.0	0.0
25	---	---	---	---	---	0.9	0.3	1.0	1.0	0.5	0.0	0.0
26	---	---	---	---	---	0.7	0.5	1.0	1.0	0.7	0.0	0.0
27	---	---	---	---	---	0.6	0.7	1.0	1.0	0.8	0.0	0.0
28	---	---	---	---	---	0.4	0.8	1.0	1.0	1.0	0.0	0.0
29	---	---	---	---	---	0.3	1.0	1.0	1.0	1.0	0.0	0.0
30	---	---	---	---	---	0.1	1.0	1.0	1.0	0.8	0.0	0.0
31	---	---	---	---	---	---	1.0	---	1.0	0.7	---	0.0
TOTAL						12	20	30	31	17	8	0
MEAN						0.4	0.6	1.0	1.0	0.5	0.3	0.0
MAX						1.0	1.0	1.0	1.0	1.0	1.0	0.0
MIN						0.0	0.0	1.0	1.0	0.0	0.0	0.0
AC-FT						24	40	60	61	33	16	0
IRRIGATION YEAR 1989 TOTAL 118 MEAN 0 AC-FT 233												

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9-NOV-89

13204060 ROSSI MILL CANAL
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1988 TO OCTOBER 1989
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	---	---	---	---	---	0.0	6.0	6.0	6.0	6.0	6.0	6.0
2	---	---	---	---	---	0.0	6.0	6.0	6.0	6.0	6.0	6.0
3	---	---	---	---	---	0.0	6.0	6.0	6.0	6.0	6.0	6.0
4	---	---	---	---	---	0.0	6.0	6.0	6.0	6.0	6.0	6.0
5	---	---	---	---	---	0.0	6.0	6.0	6.0	6.0	6.0	6.0
6	---	---	---	---	---	0.0	6.0	6.0	6.0	6.0	6.0	6.0
7	---	---	---	---	---	0.0	6.0	6.0	6.0	6.0	6.0	6.0
8	---	---	---	---	---	0.0	6.0	6.0	6.0	6.0	6.0	6.0
9	---	---	---	---	---	0.0	6.0	6.0	6.0	6.0	6.0	6.0
10	---	---	---	---	---	0.0	6.0	6.0	6.0	6.0	6.0	6.0
11	---	---	---	---	---	0.0	6.0	6.0	6.0	6.0	6.0	6.0
12	---	---	---	---	---	0.0	6.0	6.0	6.0	6.0	6.0	6.0
13	---	---	---	---	---	0.0	6.0	6.0	6.0	6.0	6.0	6.0
14	---	---	---	---	---	0.0	6.0	6.0	6.0	6.0	6.0	6.0
15	---	---	---	---	---	0.0	6.0	6.0	6.0	6.0	6.0	2.0
16	---	---	---	---	---	4.0	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						88	186	180	186	186	180	86
MEAN						2.9	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						175	369	357	369	369	357	171

IRRIGATION YEAR 1989 TOTAL 1092 MEAN 3 AC-FT 2165

9-NOV-89

13204070 RIVER RUN
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1988 TO OCTOBER 1989
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 1989	TOTAL		3852	MEAN	11	AC-FT	7640					

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9-NOV-89

13204190 BOISE CITY CANAL
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1988 TO OCTOBER 1989
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	---	---	---	---	---	0.0	29	31	36	29	24	15
2	---	---	---	---	---	0.0	29	30	36	29	24	14
3	---	---	---	---	---	0.0	29	30	36	29	23	14
4	---	---	---	---	---	0.0	29	30	36	30	23	14
5	---	---	---	---	---	0.0	30	30	25	30	23	13
6	---	---	---	---	---	0.0	30	30	36	30	23	13
7	---	---	---	---	---	0.0	30	30	36	30	22	13
8	---	---	---	---	---	0.0	30	30	36	30	22	13
9	---	---	---	---	---	0.0	30	31	35	30	22	12
10	---	---	---	---	---	0.0	30	31	35	29	21	12
11	---	---	---	---	---	0.0	30	31	35	29	21	4.0
12	---	---	---	---	---	0.0	30	31	34	29	21	0.0
13	---	---	---	---	---	0.0	30	32	34	28	21	0.0
14	---	---	---	---	---	0.0	30	32	33	28	21	0.0
15	---	---	---	---	---	0.0	30	33	32	28	21	0.0
16	---	---	---	---	---	15	30	34	32	28	20	0.0
17	---	---	---	---	---	30	29	35	31	28	20	0.0
18	---	---	---	---	---	30	29	35	31	28	20	0.0
19	---	---	---	---	---	30	28	36	31	27	20	0.0
20	---	---	---	---	---	30	28	36	31	27	20	0.0
21	---	---	---	---	---	30	27	36	31	27	19	0.0
22	---	---	---	---	---	30	27	36	30	27	19	0.0
23	---	---	---	---	---	30	27	36	30	27	19	0.0
24	---	---	---	---	---	30	28	35	30	26	18	0.0
25	---	---	---	---	---	29	28	35	30	26	18	0.0
26	---	---	---	---	---	29	29	35	30	26	18	0.0
27	---	---	---	---	---	29	30	35	30	25	17	0.0
28	---	---	---	---	---	29	30	35	30	25	17	0.0
29	---	---	---	---	---	29	31	35	29	25	16	0.0
30	---	---	---	---	---	29	31	36	29	25	15	0.0
31	---	---	---	---	---	---	31	---	29	24	---	0.0
TOTAL						429	908	991	997	858	607	137
MEAN						14	29	33	32	28	20	4.4
MAX						30	31	36	36	30	24	15
MIN						0.0	27	30	25	24	15	0.0
AC-FT						850	1801	1966	1978	1702	1203	271
IRRIGATION YEAR 1989	TOTAL		4926		MEAN		13	AC-FT		9771		

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9-NOV-89

13205515 SETTLERS CANAL
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1988 TO OCTOBER 1989
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	---	---	---	---	---	0.0	121	183	183	185	134	68
2	---	---	---	---	---	0.0	131	184	182	185	132	17
3	---	---	---	---	---	0.0	138	184	182	186	131	0.0
4	---	---	---	---	---	0.0	144	185	182	186	129	0.0
5	---	---	---	---	---	0.0	151	185	182	186	129	0.0
6	---	---	---	---	---	0.0	157	185	182	187	128	0.0
7	---	---	---	---	---	0.0	164	185	183	187	128	0.0
8	---	---	---	---	---	0.0	170	185	183	136	127	0.0
9	---	---	---	---	---	0.0	172	185	183	130	128	0.0
10	---	---	---	---	---	0.0	173	184	183	138	128	0.0
11	---	---	---	---	---	0.0	175	184	183	139	129	0.0
12	---	---	---	---	---	0.0	176	184	183	139	129	0.0
13	---	---	---	---	---	0.0	178	184	183	140	124	0.0
14	---	---	---	---	---	0.0	179	184	184	140	118	0.0
15	---	---	---	---	---	0.0	181	184	184	140	113	0.0
16	---	---	---	---	---	0.0	181	185	184	140	108	0.0
17	---	---	---	---	---	0.0	182	185	184	139	102	0.0
18	---	---	---	---	---	0.0	182	185	184	139	97	0.0
19	---	---	---	---	---	0.0	183	185	184	138	85	0.0
20	---	---	---	---	---	0.0	183	185	184	140	77	0.0
21	---	---	---	---	---	0.0	184	185	184	141	77	0.0
22	---	---	---	---	---	0.0	184	185	183	141	76	0.0
23	---	---	---	---	---	0.0	184	185	183	140	75	0.0
24	---	---	---	---	---	50	184	184	183	139	73	0.0
25	---	---	---	---	---	60	183	184	183	138	72	0.0
26	---	---	---	---	---	70	183	184	183	137	72	0.0
27	---	---	---	---	---	80	183	184	184	136	71	0.0
28	---	---	---	---	---	91	182	184	184	138	70	0.0
29	---	---	---	---	---	101	182	183	184	138	70	0.0
30	---	---	---	---	---	111	182	183	185	137	69	0.0
31	---	---	---	---	---	---	183	---	185	135	---	0.0
TOTAL						563	5334	5530	5682	4617	3100	85
MEAN						19	172	184	183	149	103	2.7
MAX						111	184	185	185	187	134	68
MIN						0.0	121	183	182	130	69	0.0
AC-FT						1116	10579	10968	11269	9158	6148	169

IRRIGATION YEAR 1989 TOTAL 24909 MEAN 68 AC-FT 49407

9-NOV-89

13205517 DAVIS CANAL
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1988 TO OCTOBER 1989
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	---	---	---	---	---	0.0	7.0	8.0	7.0	7.0	6.5	0.0
2	---	---	---	---	---	0.0	7.1	8.0	7.0	6.8	6.3	0.0
3	---	---	---	---	---	0.0	7.3	8.0	7.0	6.7	6.2	0.0
4	---	---	---	---	---	0.0	7.4	8.0	7.0	6.5	6.0	0.0
5	---	---	---	---	---	0.0	7.6	8.0	7.0	6.3	6.0	0.0
6	---	---	---	---	---	0.0	7.7	8.0	7.0	6.2	6.0	0.0
7	---	---	---	---	---	0.0	7.9	8.0	7.0	6.0	6.0	0.0
8	---	---	---	---	---	0.0	8.0	8.0	7.0	6.0	6.0	0.0
9	---	---	---	---	---	0.0	7.9	8.0	7.0	6.0	6.0	0.0
10	---	---	---	---	---	0.0	7.7	8.0	7.0	6.0	6.0	0.0
11	---	---	---	---	---	0.0	7.6	8.0	7.0	6.0	6.0	0.0
12	---	---	---	---	---	0.0	7.4	8.0	7.0	6.0	6.0	0.0
13	---	---	---	---	---	0.0	7.3	8.0	7.0	6.0	5.0	0.0
14	---	---	---	---	---	0.0	7.1	8.0	7.0	6.0	4.0	0.0
15	---	---	---	---	---	0.0	7.0	8.0	7.0	6.0	3.0	0.0
16	---	---	---	---	---	0.0	7.1	8.0	7.0	6.2	2.0	0.0
17	---	---	---	---	---	0.0	7.3	8.0	7.0	6.3	1.0	0.0
18	---	---	---	---	---	0.0	7.4	8.0	7.0	6.5	0.0	0.0
19	---	---	---	---	---	0.0	7.6	8.0	7.0	6.7	0.0	0.0
20	---	---	---	---	---	0.0	7.7	8.0	7.0	6.8	0.0	0.0
21	---	---	---	---	---	0.0	7.9	7.8	7.0	7.0	0.0	0.0
22	---	---	---	---	---	0.0	8.0	7.7	7.0	7.0	0.0	0.0
23	---	---	---	---	---	0.0	8.0	7.5	7.0	7.0	0.0	0.0
24	---	---	---	---	---	4.0	8.0	7.3	7.0	7.0	0.0	0.0
25	---	---	---	---	---	4.4	8.0	7.2	7.0	7.0	0.0	0.0
26	---	---	---	---	---	4.9	8.0	7.0	7.0	7.0	0.0	0.0
27	---	---	---	---	---	5.3	8.0	7.0	7.0	7.0	0.0	0.0
28	---	---	---	---	---	5.7	8.0	7.0	7.0	7.0	0.0	0.0
29	---	---	---	---	---	6.1	8.0	7.0	7.0	7.0	0.0	0.0
30	---	---	---	---	---	6.6	8.0	7.0	7.0	6.8	0.0	0.0
31	---	---	---	---	---	---	8.0	---	7.0	6.7	---	0.0
TOTAL						37	237	233	217	203	88	0
MEAN						1.2	7.6	7.8	7.0	6.5	2.9	0.0
MAX						6.6	8.0	8.0	7.0	7.0	6.5	0.0
MIN						0.0	7.0	7.0	7.0	6.0	0.0	0.0
AC-FT						73	470	461	430	402	175	0
IRRIGATION YEAR 1989 TOTAL 1014 MEAN 3 AC-FT 2011												

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9-NOV-89

13205613 BOISE CITY PARKS
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1988 TO OCTOBER 1989
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 1989 TOTAL						38	MEAN	0	AC-FT	76		

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9-NOV-89

13205622 THURMAN MILL CANAL
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1988 TO OCTOBER 1989
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	---	---	---	---	---	0.0	29	27	30	26	23	15
2	---	---	---	---	---	0.0	29	28	30	26	23	14
3	---	---	---	---	---	0.0	28	28	30	26	23	14
4	---	---	---	---	---	0.0	28	28	30	27	23	14
5	---	---	---	---	---	0.0	28	28	30	27	23	14
6	---	---	---	---	---	0.0	28	28	29	27	23	14
7	---	---	---	---	---	0.0	27	28	29	27	22	13
8	---	---	---	---	---	0.0	27	29	28	27	22	13
9	---	---	---	---	---	0.0	28	29	28	27	21	13
10	---	---	---	---	---	0.0	28	29	27	26	21	13
11	---	---	---	---	---	0.0	29	30	27	26	20	13
12	---	---	---	---	---	0.0	29	30	27	26	20	12
13	---	---	---	---	---	0.0	30	30	27	25	20	12
14	---	---	---	---	---	0.0	30	30	27	25	20	12
15	---	---	---	---	---	0.0	31	30	27	25	20	3.0
16	---	---	---	---	---	0.0	31	31	27	25	19	0.0
17	---	---	---	---	---	0.0	30	31	27	25	19	0.0
18	---	---	---	---	---	0.0	30	31	27	25	19	0.0
19	---	---	---	---	---	3.8	30	31	27	25	19	0.0
20	---	---	---	---	---	7.7	30	31	27	25	19	0.0
21	---	---	---	---	---	12	29	31	27	25	19	0.0
22	---	---	---	---	---	15	29	31	27	25	19	0.0
23	---	---	---	---	---	19	29	31	27	25	19	0.0
24	---	---	---	---	---	23	29	30	27	24	19	0.0
25	---	---	---	---	---	23	28	30	27	24	19	0.0
26	---	---	---	---	---	24	28	30	27	24	19	0.0
27	---	---	---	---	---	25	28	30	27	23	18	0.0
28	---	---	---	---	---	26	27	30	27	23	17	0.0
29	---	---	---	---	---	27	27	30	26	23	17	0.0
30	---	---	---	---	---	28	27	30	26	23	16	0.0
31	---	---	---	---	---	---	27	---	26	23	---	0.0
TOTAL						234	888	889	853	780	599	188
MEAN						7.8	29	30	28	25	20	6.1
MAX						28	31	31	30	27	23	15
MIN						0.0	27	27	26	23	16	0.0
AC-FT						463	1762	1764	1692	1546	1188	373
IRRIGATION YEAR 1989			TOTAL	4430	MEAN	12	AC-FT	8786				

9-NOV-89

13205638 BOISE WATER CORP
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1988 TO OCTOBER 1989
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 1989 TOTAL 428 MEAN 1 AC-FT 848

9-NOV-89

13205640 FARMERS UNION CANAL
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1988 TO OCTOBER 1989
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	---	---	---	---	---	0.0	175	232	234	202	142	106
2	---	---	---	---	---	0.0	180	232	233	203	142	104
3	---	---	---	---	---	0.0	185	232	232	204	130	104
4	---	---	---	---	---	0.0	189	231	232	203	145	104
5	---	---	---	---	---	0.0	194	231	230	202	145	104
6	---	---	---	---	---	0.0	199	231	227	200	145	104
7	---	---	---	---	---	0.0	204	232	225	197	144	103
8	---	---	---	---	---	0.0	208	233	223	197	144	103
9	---	---	---	---	---	0.0	213	234	220	197	143	103
10	---	---	---	---	---	0.0	214	235	218	197	143	100
11	---	---	---	---	---	0.0	215	236	218	196	142	97
12	---	---	---	---	---	0.0	216	237	217	196	142	95
13	---	---	---	---	---	0.0	217	238	215	191	142	92
14	---	---	---	---	---	0.0	218	239	214	191	141	89
15	---	---	---	---	---	0.0	219	240	213	188	141	25
16	---	---	---	---	---	0.0	220	240	211	188	140	0.0
17	---	---	---	---	---	0.0	221	241	210	188	140	0.0
18	---	---	---	---	---	0.0	222	242	210	189	139	0.0
19	---	---	---	---	---	0.0	224	243	208	189	137	0.0
20	---	---	---	---	---	0.0	225	243	205	189	135	0.0
21	---	---	---	---	---	0.0	226	242	203	189	134	0.0
22	---	---	---	---	---	0.0	227	241	201	189	129	0.0
23	---	---	---	---	---	0.0	227	240	198	184	129	0.0
24	---	---	---	---	---	50	228	239	196	180	128	0.0
25	---	---	---	---	---	68	229	238	196	175	121	0.0
26	---	---	---	---	---	87	230	237	197	170	121	0.0
27	---	---	---	---	---	105	231	237	198	166	120	0.0
28	---	---	---	---	---	123	232	236	199	161	118	0.0
29	---	---	---	---	---	140	233	235	200	156	117	0.0
30	---	---	---	---	---	158	233	235	201	148	115	0.0
31	---	---	---	---	---	---	232	---	202	143	---	0.0
TOTAL						730	6685	7102	6586	5767	4050	1433
MEAN						24	216	237	212	186	135	46
MAX						158	233	243	234	204	145	106
MIN						0.0	175	231	196	143	115	0.0
AC-FT						1448	13260	14087	13062	11438	8033	2841
IRRIGATION YEAR 1989			TOTAL	32352	MEAN	89	AC-FT	64169				

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9-NOV-89

13205641 BOISE VALLEY CANAL
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1988 TO OCTOBER 1989
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	---	---	---	---	---	0.0	20	29	46	46	34	34
2	---	---	---	---	---	0.0	20	29	46	46	34	34
3	---	---	---	---	---	0.0	22	29	46	46	34	34
4	---	---	---	---	---	0.0	23	29	46	46	34	34
5	---	---	---	---	---	0.0	25	29	46	46	34	34
6	---	---	---	---	---	0.0	26	29	46	46	34	34
7	---	---	---	---	---	0.0	28	30	46	46	34	34
8	---	---	---	---	---	0.0	29	31	46	46	34	34
9	---	---	---	---	---	0.0	29	33	46	46	34	34
10	---	---	---	---	---	0.0	29	34	46	46	34	34
11	---	---	---	---	---	0.0	29	35	46	38	34	34
12	---	---	---	---	---	0.0	29	36	46	38	34	34
13	---	---	---	---	---	0.0	29	36	46	38	34	34
14	---	---	---	---	---	0.0	29	36	46	38	34	34
15	---	---	---	---	---	0.0	29	36	46	38	34	10
16	---	---	---	---	---	0.0	29	36	46	38	34	0.0
17	---	---	---	---	---	0.0	29	36	46	38	34	0.0
18	---	---	---	---	---	0.0	29	36	46	38	34	0.0
19	---	---	---	---	---	2.4	29	36	46	38	34	0.0
20	---	---	---	---	---	4.8	29	36	46	38	34	0.0
21	---	---	---	---	---	7.2	29	38	46	38	34	0.0
22	---	---	---	---	---	9.6	29	39	46	38	34	0.0
23	---	---	---	---	---	12	29	41	46	38	34	0.0
24	---	---	---	---	---	14	29	43	46	38	34	0.0
25	---	---	---	---	---	15	29	44	46	38	34	0.0
26	---	---	---	---	---	15	29	46	46	38	34	0.0
27	---	---	---	---	---	16	29	46	46	38	34	0.0
28	---	---	---	---	---	17	29	46	46	38	34	0.0
29	---	---	---	---	---	18	29	46	46	38	34	0.0
30	---	---	---	---	---	19	29	46	46	38	34	0.0
31	---	---	---	---	---	---	29	---	46	38	---	0.0
TOTAL						150	859	1096	1426	1248	1020	486
MEAN						5.0	28	37	46	40	34	16
MAX						19	29	46	46	46	34	34
MIN						0.0	20	29	46	38	34	0.0
AC-FT						297	1703	2173	2828	2474	2023	964
IRRIGATION YEAR 1989 TOTAL 6283 MEAN 17 AC-FT 12462												

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13205643 CAPITOL VIEW PUMP
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1988 TO OCTOBER 1989
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	---	---	---	---	---	0.0	0.0	7.0	7.0	7.0	7.0	7.0
2	---	---	---	---	---	0.0	0.0	7.0	7.0	7.0	7.0	7.0
3	---	---	---	---	---	0.0	0.0	7.0	7.0	7.0	7.0	7.0
4	---	---	---	---	---	0.0	0.0	7.0	7.0	7.0	7.0	7.0
5	---	---	---	---	---	0.0	0.0	7.0	7.0	7.0	7.0	7.0
6	---	---	---	---	---	0.0	0.0	7.0	7.0	7.0	7.0	7.0
7	---	---	---	---	---	0.0	0.0	7.0	7.0	7.0	7.0	7.0
8	---	---	---	---	---	0.0	0.0	7.0	7.0	7.0	7.0	7.0
9	---	---	---	---	---	0.0	0.0	7.0	7.0	7.0	7.0	7.0
10	---	---	---	---	---	0.0	7.0	7.0	7.0	7.0	7.0	7.0
11	---	---	---	---	---	0.0	7.0	7.0	7.0	7.0	7.0	7.0
12	---	---	---	---	---	0.0	7.0	7.0	7.0	7.0	7.0	7.0
13	---	---	---	---	---	0.0	7.0	7.0	7.0	7.0	7.0	7.0
14	---	---	---	---	---	0.0	7.0	7.0	7.0	7.0	7.0	7.0
15	---	---	---	---	---	0.0	7.0	7.0	7.0	7.0	7.0	2.0
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	7.0	0.0
18	---	---	---	---	---	0.0	7.0	7.0	7.0	7.0	7.0	0.0
19	---	---	---	---	---	0.0	7.0	7.0	7.0	7.0	7.0	0.0
20	---	---	---	---	---	0.0	7.0	7.0	7.0	7.0	7.0	0.0
21	---	---	---	---	---	0.0	7.0	7.0	7.0	7.0	7.0	0.0
22	---	---	---	---	---	0.0	7.0	7.0	7.0	7.0	7.0	0.0
23	---	---	---	---	---	0.0	7.0	7.0	7.0	7.0	7.0	0.0
24	---	---	---	---	---	0.0	7.0	7.0	7.0	7.0	7.0	0.0
25	---	---	---	---	---	0.0	7.0	7.0	7.0	7.0	7.0	0.0
26	---	---	---	---	---	0.0	7.0	7.0	7.0	7.0	7.0	0.0
27	---	---	---	---	---	0.0	7.0	7.0	7.0	7.0	7.0	0.0
28	---	---	---	---	---	0.0	7.0	7.0	7.0	7.0	7.0	0.0
29	---	---	---	---	---	0.0	7.0	7.0	7.0	7.0	7.0	0.0
30	---	---	---	---	---	0.0	7.0	7.0	7.0	7.0	7.0	0.0
31	---	---	---	---	---	---	7.0	---	7.0	7.0	---	0.0
TOTAL						0	154	210	217	217	210	100
MEAN						0.0	5.0	7.0	7.0	7.0	7.0	3.2
MAX						0.0	7.0	7.0	7.0	7.0	7.0	7.0
MIN						0.0	0.0	7.0	7.0	7.0	7.0	0.0
AC-FT						0	305	417	430	430	417	198
IRRIGATION YEAR 1989 TOTAL 1108 MEAN 3 AC-FT 2197												

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9-NOV-89

13206090 NEW DRY CREEK CANAL
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1988 TO OCTOBER 1989
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	---	---	---	---	---	0.0	38	62	68	60	27	28
2	---	---	---	---	---	0.0	44	62	69	60	40	27
3	---	---	---	---	---	0.0	51	63	69	61	42	27
4	---	---	---	---	---	0.0	57	64	69	61	44	26
5	---	---	---	---	---	0.0	64	65	68	61	44	25
6	---	---	---	---	---	0.0	70	65	67	62	45	24
7	---	---	---	---	---	0.0	77	65	67	62	45	23
8	---	---	---	---	---	0.0	83	66	66	62	46	22
9	---	---	---	---	---	0.0	81	66	65	62	46	21
10	---	---	---	---	---	0.0	79	66	64	62	47	21
11	---	---	---	---	---	0.0	77	67	64	63	47	21
12	---	---	---	---	---	0.0	75	67	64	63	46	21
13	---	---	---	---	---	0.0	73	67	63	63	46	21
14	---	---	---	---	---	0.0	71	68	63	63	46	21
15	---	---	---	---	---	0.0	69	68	62	63	45	5.0
16	---	---	---	---	---	0.0	68	68	62	63	45	0.0
17	---	---	---	---	---	0.0	68	68	61	63	38	0.0
18	---	---	---	---	---	0.0	67	69	61	63	30	0.0
19	---	---	---	---	---	0.0	67	69	61	62	30	0.0
20	---	---	---	---	---	0.0	66	69	60	62	30	0.0
21	---	---	---	---	---	0.0	66	69	60	62	31	0.0
22	---	---	---	---	---	0.0	65	68	60	63	31	0.0
23	---	---	---	---	---	0.0	65	68	59	63	31	0.0
24	---	---	---	---	---	0.0	64	68	59	52	31	0.0
25	---	---	---	---	---	0.0	63	67	59	45	30	0.0
26	---	---	---	---	---	6.3	62	67	59	30	30	0.0
27	---	---	---	---	---	13	61	67	59	31	30	0.0
28	---	---	---	---	---	19	60	67	60	33	29	0.0
29	---	---	---	---	---	25	59	68	60	33	29	0.0
30	---	---	---	---	---	32	60	68	60	33	28	0.0
31	---	---	---	---	---	---	61	---	60	33	---	0.0
TOTAL						95	2031	2001	1946	1718	1125	333
MEAN						3.2	66	67	63	55	37	11
MAX						32	83	69	69	63	47	28
MIN						0.0	38	62	59	30	27	0.0
AC-FT						188	4028	3970	3859	3408	2231	660
IRRIGATION YEAR 1989			TOTAL	9248	MEAN	25	AC-FT	18342				

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9-NOV-89

13206092 NEW UNION CANAL
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1988 TO OCTOBER 1989
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	---	---	---	---	---	0.0	11	13	13	11	11	11
2	---	---	---	---	---	0.0	11	13	13	11	11	11
3	---	---	---	---	---	0.0	12	13	13	11	11	11
4	---	---	---	---	---	0.0	12	13	13	11	11	11
5	---	---	---	---	---	0.0	12	13	13	11	11	11
6	---	---	---	---	---	0.0	13	13	12	11	11	11
7	---	---	---	---	---	0.0	13	13	12	11	11	11
8	---	---	---	---	---	0.0	13	13	12	11	11	11
9	---	---	---	---	---	0.0	13	13	11	11	11	11
10	---	---	---	---	---	0.0	13	13	11	11	11	11
11	---	---	---	---	---	0.0	13	13	11	11	11	11
12	---	---	---	---	---	0.0	13	13	11	11	11	11
13	---	---	---	---	---	0.0	13	13	11	11	11	11
14	---	---	---	---	---	0.0	13	13	11	11	11	11
15	---	---	---	---	---	0.0	13	13	11	11	11	3.0
16	---	---	---	---	---	0.0	13	13	11	11	11	0.0
17	---	---	---	---	---	0.0	13	13	11	11	11	0.0
18	---	---	---	---	---	0.0	13	13	11	11	11	0.0
19	---	---	---	---	---	0.0	13	13	11	11	11	0.0
20	---	---	---	---	---	0.0	13	13	11	11	11	0.0
21	---	---	---	---	---	0.0	13	13	11	11	11	0.0
22	---	---	---	---	---	0.0	13	13	11	11	11	0.0
23	---	---	---	---	---	0.0	13	13	11	11	11	0.0
24	---	---	---	---	---	0.0	13	13	11	11	11	0.0
25	---	---	---	---	---	0.0	13	13	11	11	11	0.0
26	---	---	---	---	---	1.8	13	13	11	11	11	0.0
27	---	---	---	---	---	3.7	13	13	11	11	11	0.0
28	---	---	---	---	---	5.5	13	13	11	11	11	0.0
29	---	---	---	---	---	7.3	13	13	11	11	11	0.0
30	---	---	---	---	---	9.2	13	13	11	11	11	0.0
31	---	---	---	---	---	---	13	---	11	11	---	0.0
TOTAL						28	396	390	354	341	330	157
MEAN						0.9	13	13	11	11	11	5.1
MAX						9.2	13	13	13	11	11	11
MIN						0.0	11	13	11	11	11	0.0
AC-FT						55	785	774	702	676	655	311

IRRIGATION YEAR 1989 TOTAL 1996 MEAN 5 AC-FT 3958

9-NOV-89

13206205 LEMP CANAL
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1988 TO OCTOBER 1989
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	---	---	---	---	---	0.0	3.0	3.0	3.0	3.0	1.5	0.0
2	---	---	---	---	---	0.0	3.0	3.0	3.0	3.0	2.0	0.0
3	---	---	---	---	---	0.0	3.0	3.0	3.0	3.0	2.5	0.0
4	---	---	---	---	---	0.0	3.0	3.0	3.0	3.0	3.0	0.0
5	---	---	---	---	---	0.0	3.0	3.0	3.3	3.0	3.0	0.0
6	---	---	---	---	---	0.0	3.0	3.0	3.7	3.0	3.0	0.0
7	---	---	---	---	---	0.0	3.0	3.0	4.0	3.0	3.0	0.0
8	---	---	---	---	---	0.0	3.0	3.0	4.3	3.0	3.0	0.0
9	---	---	---	---	---	0.0	3.0	3.0	4.7	3.0	3.0	0.0
10	---	---	---	---	---	0.0	2.5	3.0	5.0	3.0	3.0	0.0
11	---	---	---	---	---	0.0	2.0	3.0	5.0	3.0	3.0	0.0
12	---	---	---	---	---	0.0	1.5	3.0	4.7	3.0	3.0	0.0
13	---	---	---	---	---	0.0	1.0	3.0	4.3	3.0	3.0	0.0
14	---	---	---	---	---	0.0	0.5	3.0	4.0	3.0	3.0	0.0
15	---	---	---	---	---	0.0	0.0	3.0	3.7	3.0	3.0	0.0
16	---	---	---	---	---	0.0	0.0	3.0	3.3	3.0	3.0	0.0
17	---	---	---	---	---	0.0	0.5	3.0	3.0	3.0	3.0	0.0
18	---	---	---	---	---	0.0	1.0	3.0	3.0	3.0	3.0	0.0
19	---	---	---	---	---	0.0	1.5	3.0	3.0	3.0	3.0	0.0
20	---	---	---	---	---	0.0	2.0	3.0	3.0	3.0	2.5	0.0
21	---	---	---	---	---	0.0	2.5	3.0	3.0	3.0	2.0	0.0
22	---	---	---	---	---	0.0	3.0	3.0	3.0	3.0	1.5	0.0
23	---	---	---	---	---	0.0	3.0	3.0	3.0	2.5	1.0	0.0
24	---	---	---	---	---	0.0	3.0	3.0	3.0	2.0	0.5	0.0
25	---	---	---	---	---	0.0	3.0	3.0	3.0	1.5	0.0	0.0
26	---	---	---	---	---	0.0	3.0	3.0	3.0	1.0	0.0	0.0
27	---	---	---	---	---	0.0	3.0	3.0	3.0	0.5	0.0	0.0
28	---	---	---	---	---	0.0	3.0	3.0	3.0	0.0	0.0	0.0
29	---	---	---	---	---	0.0	3.0	3.0	3.0	0.0	0.0	0.0
30	---	---	---	---	---	0.0	3.0	3.0	3.0	0.5	0.0	0.0
31	---	---	---	---	---	---	3.0	---	3.0	1.0	---	0.0
TOTAL						0	72	90	107	75	62	0
MEAN						0.0	2.3	3.0	3.5	2.4	2.0	0.0
MAX						0.0	3.0	3.0	5.0	3.0	3.0	0.0
MIN						0.0	0.0	3.0	3.0	0.0	0.0	0.0
AC-FT						0	143	179	212	149	122	0
IRRIGATION YEAR 1989 TOTAL 406 MEAN 1 AC-FT 804												

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9-NOV-89

13206220 WARM SPRINGS CANAL
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1988 TO OCTOBER 1989
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	---	---	---	---	---	0.0	8.0	7.0	6.0	6.0	6.0	2.2
2	---	---	---	---	---	0.0	7.9	7.0	6.0	6.2	6.0	2.0
3	---	---	---	---	---	0.0	7.7	7.0	6.0	6.3	6.0	2.0
4	---	---	---	---	---	0.0	7.6	7.0	6.0	6.5	6.0	1.7
5	---	---	---	---	---	0.0	7.4	7.0	6.2	6.7	6.0	1.3
6	---	---	---	---	---	0.0	7.3	7.0	6.3	6.8	6.0	1.0
7	---	---	---	---	---	0.0	7.1	7.0	6.5	7.0	6.0	0.7
8	---	---	---	---	---	0.0	7.0	7.0	6.7	7.0	6.0	0.3
9	---	---	---	---	---	0.0	6.9	7.0	6.8	7.0	6.0	0.0
10	---	---	---	---	---	0.0	6.7	7.0	7.0	7.0	6.0	0.0
11	---	---	---	---	---	0.0	6.6	7.0	7.0	7.0	6.0	0.0
12	---	---	---	---	---	1.2	6.4	7.0	7.0	7.0	6.0	0.0
13	---	---	---	---	---	2.3	6.3	7.0	7.0	7.0	5.7	0.0
14	---	---	---	---	---	3.5	6.1	7.0	7.0	7.0	5.3	0.0
15	---	---	---	---	---	4.7	6.0	7.0	7.0	7.0	5.0	0.0
16	---	---	---	---	---	5.8	6.1	7.0	7.0	6.8	4.7	0.0
17	---	---	---	---	---	7.0	6.3	7.0	7.0	6.7	4.3	0.0
18	---	---	---	---	---	7.0	6.4	7.0	7.0	6.5	4.0	0.0
19	---	---	---	---	---	7.0	6.6	7.0	7.0	6.3	4.0	0.0
20	---	---	---	---	---	7.0	6.7	7.0	7.0	6.2	3.8	0.0
21	---	---	---	---	---	7.0	6.9	6.8	7.0	6.0	3.7	0.0
22	---	---	---	---	---	7.0	7.0	6.7	7.0	6.0	3.5	0.0
23	---	---	---	---	---	7.0	7.0	6.5	7.0	6.0	3.3	0.0
24	---	---	---	---	---	7.0	7.0	6.3	7.0	6.0	3.2	0.0
25	---	---	---	---	---	7.1	7.0	6.2	7.0	6.0	3.0	0.0
26	---	---	---	---	---	7.3	7.0	6.0	6.8	6.0	3.0	0.0
27	---	---	---	---	---	7.4	7.0	6.0	6.7	6.0	2.8	0.0
28	---	---	---	---	---	7.6	7.0	6.0	6.5	6.0	2.7	0.0
29	---	---	---	---	---	7.7	7.0	6.0	6.3	6.0	2.5	0.0
30	---	---	---	---	---	7.9	7.0	6.0	6.2	6.0	2.3	0.0
31	---	---	---	---	---	---	7.0	---	6.0	6.0	---	0.0
TOTAL						119	214	203	207	200	139	11
MEAN						4.0	6.9	6.8	6.7	6.5	4.6	0.4
MAX						7.9	8.0	7.0	7.0	7.0	6.0	2.2
MIN						0.0	6.0	6.0	6.0	6.0	2.3	0.0
AC-FT						235	424	402	411	397	275	22

IRRIGATION YEAR 1989 TOTAL 1092 MEAN 3 AC-FT 2165

9-NOV-89

13206260 GRAHAM-GILBERT CANAL
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1988 TO OCTOBER 1989
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	---	---	---	---	---	0.0	1.0	1.0	1.0	1.0	1.0	0.0
2	---	---	---	---	---	0.0	1.0	1.0	1.0	1.0	1.0	0.0
3	---	---	---	---	---	0.0	0.8	1.0	1.0	1.0	1.0	0.0
4	---	---	---	---	---	0.0	0.7	1.0	1.0	1.0	1.0	0.0
5	---	---	---	---	---	0.0	0.5	1.0	1.0	1.0	1.0	0.0
6	---	---	---	---	---	0.0	0.3	1.0	1.0	1.0	0.8	0.0
7	---	---	---	---	---	0.0	0.2	1.0	1.0	1.0	0.7	0.0
8	---	---	---	---	---	0.0	0.0	1.0	1.0	1.0	0.5	0.0
9	---	---	---	---	---	0.0	0.0	1.0	1.0	1.0	0.3	0.0
10	---	---	---	---	---	0.0	0.2	1.0	1.0	1.0	0.2	0.0
11	---	---	---	---	---	0.0	0.3	1.0	1.0	1.0	0.0	0.0
12	---	---	---	---	---	0.0	0.5	1.0	1.0	1.0	0.0	0.0
13	---	---	---	---	---	0.0	0.7	1.0	1.0	1.0	0.0	0.0
14	---	---	---	---	---	0.0	0.8	1.0	1.0	1.0	0.0	0.0
15	---	---	---	---	---	0.0	1.0	1.0	1.0	1.0	0.0	0.0
16	---	---	---	---	---	0.0	1.0	1.0	1.0	0.8	0.0	0.0
17	---	---	---	---	---	0.0	1.0	1.0	1.0	0.7	0.0	0.0
18	---	---	---	---	---	0.0	1.0	1.0	1.0	0.5	0.0	0.0
19	---	---	---	---	---	0.0	1.0	1.0	1.0	0.3	0.0	0.0
20	---	---	---	---	---	0.0	1.0	1.0	1.0	0.2	0.0	0.0
21	---	---	---	---	---	0.0	1.0	1.0	1.0	0.0	0.0	0.0
22	---	---	---	---	---	0.0	1.0	1.0	1.0	0.0	0.0	0.0
23	---	---	---	---	---	0.0	1.0	1.0	1.0	0.2	0.0	0.0
24	---	---	---	---	---	0.0	1.0	1.0	1.0	0.3	0.0	0.0
25	---	---	---	---	---	0.0	1.0	1.0	1.0	0.5	0.0	0.0
26	---	---	---	---	---	0.2	1.0	1.0	1.0	0.7	0.0	0.0
27	---	---	---	---	---	0.3	1.0	1.0	1.0	0.8	0.0	0.0
28	---	---	---	---	---	0.5	1.0	1.0	1.0	1.0	0.0	0.0
29	---	---	---	---	---	0.7	1.0	1.0	1.0	1.0	0.0	0.0
30	---	---	---	---	---	0.8	1.0	1.0	1.0	1.0	0.0	0.0
31	---	---	---	---	---	---	1.0	---	1.0	1.0	---	0.0
TOTAL						3	24	30	31	24	8	0
MEAN						0.1	0.8	1.0	1.0	0.8	0.3	0.0
MAX						0.8	1.0	1.0	1.0	1.0	1.0	0.0
MIN						0.0	0.0	1.0	1.0	0.0	0.0	0.0
AC-FT						5	48	60	61	48	15	0
IRRIGATION YEAR 1989			TOTAL	119	MEAN	0	AC-FT	236				

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9-NOV-89

13206265 BALLENTYNE CANAL
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1988 TO OCTOBER 1989
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	---	---	---	---	---	0.0	16	18	18	12	9.5	7.3
2	---	---	---	---	---	0.0	16	18	18	12	9.7	7.0
3	---	---	---	---	---	0.0	16	18	18	12	9.8	7.0
4	---	---	---	---	---	0.0	16	18	18	12	10	7.0
5	---	---	---	---	---	0.0	17	18	18	12	10	7.0
6	---	---	---	---	---	0.0	17	18	18	12	10	7.0
7	---	---	---	---	---	0.0	17	18	18	12	10	7.0
8	---	---	---	---	---	0.0	17	18	18	12	10	7.0
9	---	---	---	---	---	0.0	17	18	18	12	10	7.0
10	---	---	---	---	---	0.0	17	18	18	11	10	6.7
11	---	---	---	---	---	0.0	17	18	18	11	10	6.3
12	---	---	---	---	---	0.0	17	18	18	10	10	6.0
13	---	---	---	---	---	0.0	16	18	18	9.5	9.8	5.7
14	---	---	---	---	---	0.0	16	18	18	9.0	9.7	5.3
15	---	---	---	---	---	0.0	16	18	18	9.0	9.5	5.0
16	---	---	---	---	---	0.0	16	18	18	9.0	9.3	0.0
17	---	---	---	---	---	0.0	16	18	18	9.0	9.2	0.0
18	---	---	---	---	---	0.0	17	18	18	9.0	9.0	0.0
19	---	---	---	---	---	0.0	17	18	18	9.0	9.0	0.0
20	---	---	---	---	---	0.0	17	18	17	9.0	9.0	0.0
21	---	---	---	---	---	0.0	18	18	17	9.0	9.0	0.0
22	---	---	---	---	---	0.0	18	18	17	9.0	9.0	0.0
23	---	---	---	---	---	0.0	18	18	16	9.0	9.0	0.0
24	---	---	---	---	---	0.0	18	18	16	9.0	9.0	0.0
25	---	---	---	---	---	0.0	18	18	16	9.0	9.0	0.0
26	---	---	---	---	---	2.7	18	18	15	9.0	9.0	0.0
27	---	---	---	---	---	5.3	18	18	15	9.0	8.7	0.0
28	---	---	---	---	---	8.0	18	18	14	9.0	8.3	0.0
29	---	---	---	---	---	11	18	18	13	9.0	8.0	0.0
30	---	---	---	---	---	13	18	18	13	9.2	7.7	0.0
31	---	---	---	---	---	---	18	---	12	9.3	---	0.0
TOTAL						40	528	540	523	311	280	98
MEAN						1.3	17	18	17	10	9.3	3.2
MAX						13	18	18	18	12	10	7.3
MIN						0.0	16	18	12	9.0	7.7	0.0
AC-FT						79	1047	1071	1037	617	556	195
IRRIGATION YEAR 1989 TOTAL 2321 MEAN 6 AC-FT 4602												

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9-NOV-89

13206270 CONWAY-HAMMING CANAL
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1988 TO OCTOBER 1989
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	---	---	---	---	---	0.0	0.0	1.7	4.0	0.0	3.0	0.5
2	---	---	---	---	---	0.0	0.0	2.3	4.0	0.5	3.0	0.0
3	---	---	---	---	---	0.0	0.7	2.9	4.0	1.0	3.0	0.0
4	---	---	---	---	---	0.0	1.3	3.4	4.0	1.5	3.0	0.0
5	---	---	---	---	---	0.0	2.0	4.0	4.0	2.0	3.0	0.0
6	---	---	---	---	---	0.0	2.7	4.0	4.0	2.5	3.0	0.0
7	---	---	---	---	---	0.0	3.3	3.8	4.0	3.0	3.0	0.0
8	---	---	---	---	---	0.0	4.0	3.7	4.0	3.0	3.0	0.0
9	---	---	---	---	---	0.0	4.0	3.5	4.0	3.0	3.0	0.0
10	---	---	---	---	---	0.0	4.0	3.3	4.0	3.0	3.0	0.0
11	---	---	---	---	---	0.0	4.0	3.2	4.0	3.0	3.0	0.0
12	---	---	---	---	---	0.7	4.0	3.0	4.0	3.0	3.0	0.0
13	---	---	---	---	---	1.3	4.0	3.1	4.0	3.0	2.5	0.0
14	---	---	---	---	---	2.0	4.0	3.3	4.0	3.0	2.0	0.0
15	---	---	---	---	---	2.7	4.0	3.4	4.0	3.0	1.5	0.0
16	---	---	---	---	---	3.3	4.0	3.6	4.0	3.0	1.0	0.0
17	---	---	---	---	---	4.0	4.0	3.7	4.0	3.0	0.5	0.0
18	---	---	---	---	---	4.0	4.0	3.9	4.0	3.0	0.0	0.0
19	---	---	---	---	---	4.0	4.0	4.0	3.8	3.0	0.0	0.0
20	---	---	---	---	---	4.0	4.0	4.0	3.7	3.0	0.5	0.0
21	---	---	---	---	---	4.0	4.0	4.0	3.5	3.0	1.0	0.0
22	---	---	---	---	---	4.0	4.0	4.0	3.3	3.0	1.5	0.0
23	---	---	---	---	---	4.0	4.0	4.0	3.2	3.0	2.0	0.0
24	---	---	---	---	---	4.0	3.3	4.0	3.0	3.0	2.5	0.0
25	---	---	---	---	---	4.0	2.7	4.0	3.0	3.0	3.0	0.0
26	---	---	---	---	---	3.3	2.0	4.0	2.5	3.0	3.0	0.0
27	---	---	---	---	---	2.7	1.3	4.0	2.0	3.0	2.5	0.0
28	---	---	---	---	---	2.0	0.7	4.0	1.5	3.0	2.0	0.0
29	---	---	---	---	---	1.3	0.0	4.0	1.0	3.0	1.5	0.0
30	---	---	---	---	---	0.7	0.6	4.0	0.5	3.0	1.0	0.0
31	---	---	---	---	---	---	1.1	---	0.0	3.0	---	0.0
TOTAL						56	86	108	103	83	64	1
MEAN						1.9	2.8	3.6	3.3	2.7	2.1	0.0
MAX						4.0	4.0	4.0	4.0	3.0	3.0	0.5
MIN						0.0	0.0	1.7	0.0	0.0	0.0	0.0
AC-FT						111	170	214	204	164	127	1
IRRIGATION YEAR 1989 TOTAL 500 MEAN 1 AC-FT 990												

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9-NOV-89

13206274 EAGLE ISLAND PARK
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1988 TO OCTOBER 1989
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 1989 TOTAL 50 MEAN 0 AC-FT 99												

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9-NOV-89

13206290 THOMAS AIKEN CANAL
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1988 TO OCTOBER 1989
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	---	---	---	---	---	0.0	3.0	3.0	3.0	3.0	1.5	0.0
2	---	---	---	---	---	0.0	3.0	3.0	3.0	3.0	2.0	0.0
3	---	---	---	---	---	0.0	3.0	3.0	3.0	3.0	2.5	0.0
4	---	---	---	---	---	0.0	3.0	3.0	3.0	3.0	3.0	0.0
5	---	---	---	---	---	0.0	3.0	3.0	3.0	3.0	3.0	0.0
6	---	---	---	---	---	0.0	3.0	3.0	3.0	3.0	2.8	0.0
7	---	---	---	---	---	0.0	3.0	3.0	3.0	3.0	2.7	0.0
8	---	---	---	---	---	0.0	3.0	3.0	3.0	3.0	2.5	0.0
9	---	---	---	---	---	0.0	3.0	3.0	3.0	3.0	2.3	0.0
10	---	---	---	---	---	0.0	3.2	3.0	3.0	3.0	2.2	0.0
11	---	---	---	---	---	0.0	3.3	3.0	3.0	3.0	2.0	0.0
12	---	---	---	---	---	0.5	3.5	3.0	3.0	3.0	2.0	0.0
13	---	---	---	---	---	1.0	3.7	3.0	3.0	3.0	2.0	0.0
14	---	---	---	---	---	1.5	3.8	3.0	3.0	3.0	2.0	0.0
15	---	---	---	---	---	2.0	4.0	3.0	3.0	3.0	2.0	0.0
16	---	---	---	---	---	2.5	4.0	3.0	3.0	3.0	2.0	0.0
17	---	---	---	---	---	3.0	3.8	3.0	3.0	3.0	2.0	0.0
18	---	---	---	---	---	3.0	3.7	3.0	3.0	3.0	2.0	0.0
19	---	---	---	---	---	2.5	3.5	3.0	3.0	3.0	2.0	0.0
20	---	---	---	---	---	2.0	3.3	3.0	3.0	3.0	1.7	0.0
21	---	---	---	---	---	1.5	3.2	3.0	3.0	3.0	1.3	0.0
22	---	---	---	---	---	1.0	3.0	3.0	3.0	3.0	1.0	0.0
23	---	---	---	---	---	0.5	3.0	3.0	3.0	2.5	0.7	0.0
24	---	---	---	---	---	0.0	3.0	3.0	3.0	2.0	0.3	0.0
25	---	---	---	---	---	0.0	3.0	3.0	3.0	1.5	0.0	0.0
26	---	---	---	---	---	0.5	3.0	3.0	3.0	1.0	0.0	0.0
27	---	---	---	---	---	1.0	3.0	3.0	3.0	0.5	0.0	0.0
28	---	---	---	---	---	1.5	3.0	3.0	3.0	0.0	0.0	0.0
29	---	---	---	---	---	2.0	3.0	3.0	3.0	0.0	0.0	0.0
30	---	---	---	---	---	2.5	3.0	3.0	3.0	0.5	0.0	0.0
31	---	---	---	---	---	---	3.0	---	3.0	1.0	---	0.0
TOTAL						29	100	90	93	75	48	0
MEAN						0.9	3.2	3.0	3.0	2.4	1.6	0.0
MAX						3.0	4.0	3.0	3.0	3.0	3.0	0.0
MIN						0.0	3.0	3.0	3.0	0.0	0.0	0.0
AC-FT						57	198	179	184	149	94	0
IRRIGATION YEAR 1989			TOTAL	434	MEAN	1	AC-FT	860				

9-NOV-89

13206292 MACE-CATLIN CANAL
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1988 TO OCTOBER 1989
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	---	---	---	---	---	0.0	6.0	7.6	4.3	7.0	6.0	4.2
2	---	---	---	---	---	0.0	6.0	7.4	5.2	7.0	6.0	4.0
3	---	---	---	---	---	0.0	6.5	7.3	6.0	7.0	6.0	4.0
4	---	---	---	---	---	0.0	7.0	7.1	6.0	7.0	6.0	3.8
5	---	---	---	---	---	0.0	7.5	7.0	6.3	7.0	6.0	3.7
6	---	---	---	---	---	0.0	8.0	7.0	6.7	7.0	6.2	3.5
7	---	---	---	---	---	0.0	8.5	7.0	7.0	7.0	6.3	3.3
8	---	---	---	---	---	0.0	9.0	7.0	7.3	7.0	6.5	3.2
9	---	---	---	---	---	0.0	9.0	7.0	7.7	6.8	6.7	3.0
10	---	---	---	---	---	0.0	8.5	7.0	8.0	6.7	6.8	3.0
11	---	---	---	---	---	0.0	8.0	7.0	8.0	6.5	7.0	3.0
12	---	---	---	---	---	0.0	7.5	7.0	7.3	6.3	7.0	3.0
13	---	---	---	---	---	0.0	7.0	7.3	6.7	6.2	6.7	3.0
14	---	---	---	---	---	0.0	6.5	7.6	6.0	6.0	6.3	3.0
15	---	---	---	---	---	0.0	6.0	7.9	5.3	6.0	6.0	1.0
16	---	---	---	---	---	0.0	6.0	8.1	4.7	6.2	5.7	0.0
17	---	---	---	---	---	0.0	6.0	8.4	4.0	6.3	5.3	0.0
18	---	---	---	---	---	0.0	6.0	8.7	4.0	6.5	5.0	0.0
19	---	---	---	---	---	1.2	6.0	9.0	4.5	6.7	5.0	0.0
20	---	---	---	---	---	2.3	6.0	9.0	5.0	6.8	5.0	0.0
21	---	---	---	---	---	3.5	6.0	7.7	5.5	7.0	5.0	0.0
22	---	---	---	---	---	4.7	6.0	6.3	6.0	7.0	5.0	0.0
23	---	---	---	---	---	5.8	6.0	5.0	6.5	6.8	5.0	0.0
24	---	---	---	---	---	7.0	6.3	3.7	7.0	6.7	5.0	0.0
25	---	---	---	---	---	7.0	6.7	2.3	7.0	6.5	5.0	0.0
26	---	---	---	---	---	6.8	7.0	1.0	7.0	6.3	5.0	0.0
27	---	---	---	---	---	6.7	7.3	1.0	7.0	6.2	4.8	0.0
28	---	---	---	---	---	6.5	7.7	1.8	7.0	6.0	4.7	0.0
29	---	---	---	---	---	6.3	8.0	2.7	7.0	6.0	4.5	0.0
30	---	---	---	---	---	6.2	7.9	3.5	7.0	6.0	4.3	0.0
31	---	---	---	---	---	---	7.7	---	7.0	6.0	---	0.0
TOTAL						64	218	186	194	204	170	49
MEAN						2.1	7.0	6.2	6.3	6.6	5.7	1.6
MAX						7.0	9.0	9.0	8.0	7.0	7.0	4.2
MIN						0.0	6.0	1.0	4.0	6.0	4.3	0.0
AC-FT						127	432	370	385	404	337	97

IRRIGATION YEAR 1989 TOTAL 1084 MEAN 3 AC-FT 2150

9-NOV-89

13206295 MACE-MACE CANAL
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1988 TO OCTOBER 1989
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	---	---	---	---	---	0.0	0.0	0.0	1.5	0.0	1.5	0.0
2	---	---	---	---	---	0.0	0.0	0.0	1.5	0.0	2.0	0.0
3	---	---	---	---	---	0.0	0.0	0.0	1.5	0.0	2.5	0.0
4	---	---	---	---	---	0.0	0.0	0.0	1.5	0.0	3.0	0.0
5	---	---	---	---	---	0.0	0.0	0.0	1.5	0.0	3.0	0.0
6	---	---	---	---	---	0.0	0.0	0.0	1.5	0.0	2.8	0.0
7	---	---	---	---	---	0.0	0.0	0.0	1.5	0.0	2.7	0.0
8	---	---	---	---	---	0.0	0.0	0.0	1.5	0.0	2.5	0.0
9	---	---	---	---	---	0.0	0.0	0.0	1.5	0.0	2.3	0.0
10	---	---	---	---	---	0.0	0.0	0.0	1.5	0.0	2.2	0.0
11	---	---	---	---	---	0.0	0.0	0.0	1.5	0.0	2.0	0.0
12	---	---	---	---	---	0.0	0.0	0.0	1.5	0.0	2.0	0.0
13	---	---	---	---	---	0.0	0.0	0.0	1.5	0.0	1.7	0.0
14	---	---	---	---	---	0.0	0.0	0.3	1.5	0.0	1.3	0.0
15	---	---	---	---	---	0.0	0.0	0.5	1.5	0.0	1.0	0.0
16	---	---	---	---	---	0.0	0.0	0.8	1.5	0.0	0.7	0.0
17	---	---	---	---	---	0.0	0.0	1.0	1.5	0.0	0.3	0.0
18	---	---	---	---	---	0.0	0.0	1.3	1.5	0.0	0.0	0.0
19	---	---	---	---	---	0.0	0.0	1.5	1.5	0.0	0.0	0.0
20	---	---	---	---	---	0.0	0.0	1.5	1.5	0.0	0.0	0.0
21	---	---	---	---	---	0.0	0.0	1.5	1.5	0.0	0.0	0.0
22	---	---	---	---	---	0.0	0.0	1.5	1.5	0.0	0.0	0.0
23	---	---	---	---	---	0.0	0.0	1.5	1.5	0.0	0.0	0.0
24	---	---	---	---	---	0.0	0.0	1.5	1.5	0.0	0.0	0.0
25	---	---	---	---	---	0.0	0.0	1.5	1.5	0.0	0.0	0.0
26	---	---	---	---	---	0.0	0.0	1.5	1.3	0.0	0.0	0.0
27	---	---	---	---	---	0.0	0.0	1.5	1.0	0.0	0.0	0.0
28	---	---	---	---	---	0.0	0.0	1.5	0.8	0.0	0.0	0.0
29	---	---	---	---	---	0.0	0.0	1.5	0.5	0.0	0.0	0.0
30	---	---	---	---	---	0.0	0.0	1.5	0.3	0.5	0.0	0.0
31	---	---	---	---	---	---	0.0	---	0.0	1.0	---	0.0
TOTAL						0	0	22	41	2	34	0
MEAN						0.0	0.0	0.7	1.3	0.0	1.1	0.0
MAX						0.0	0.0	1.5	1.5	1.0	3.0	0.0
MIN						0.0	0.0	0.0	0.0	0.0	0.0	0.0
AC-FT						0	0	43	82	3	66	0
IRRIGATION YEAR 1989			TOTAL	98	MEAN	0	AC-FT	194				

9-NOV-89

13206308 WROTEN PUMP
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1988 TO OCTOBER 1989
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	---	---	---	---	---	0.0	2.0	2.0	1.0	1.0	0.5	0.0
2	---	---	---	---	---	0.0	1.7	2.0	1.0	1.0	0.7	0.0
3	---	---	---	---	---	0.0	1.4	2.0	1.0	1.0	0.8	0.0
4	---	---	---	---	---	0.0	1.1	2.0	1.0	1.0	1.0	0.0
5	---	---	---	---	---	0.0	0.9	2.0	1.0	1.0	1.0	0.0
6	---	---	---	---	---	0.0	0.6	1.0	1.0	1.0	0.8	0.0
7	---	---	---	---	---	0.0	0.3	0.8	1.0	1.0	0.7	0.0
8	---	---	---	---	---	0.0	0.0	0.7	1.0	1.0	0.5	0.0
9	---	---	---	---	---	0.0	0.3	0.5	1.0	0.8	0.3	0.0
10	---	---	---	---	---	0.0	0.6	0.3	1.0	0.7	0.2	0.0
11	---	---	---	---	---	0.0	0.9	0.2	1.0	0.5	0.0	0.0
12	---	---	---	---	---	0.0	1.1	0.0	1.0	0.3	0.0	0.0
13	---	---	---	---	---	0.0	1.4	0.1	1.0	0.2	0.0	0.0
14	---	---	---	---	---	0.0	1.7	0.3	1.0	0.0	0.0	0.0
15	---	---	---	---	---	0.0	2.0	0.4	1.0	0.0	0.0	0.0
16	---	---	---	---	---	0.0	2.0	0.6	1.0	0.0	0.0	0.0
17	---	---	---	---	---	0.0	2.0	0.7	1.0	0.0	0.0	0.0
18	---	---	---	---	---	0.0	2.0	0.9	1.0	0.0	0.0	0.0
19	---	---	---	---	---	0.0	2.0	1.0	1.0	0.0	0.0	0.0
20	---	---	---	---	---	0.0	2.0	1.0	1.0	0.0	0.0	0.0
21	---	---	---	---	---	0.0	2.0	0.8	1.0	0.0	0.0	0.0
22	---	---	---	---	---	0.0	2.0	0.7	1.0	0.0	0.0	0.0
23	---	---	---	---	---	0.0	2.0	0.5	1.0	0.0	0.0	0.0
24	---	---	---	---	---	0.0	2.0	0.3	1.0	0.0	0.0	0.0
25	---	---	---	---	---	0.0	2.0	0.2	1.0	0.0	0.0	0.0
26	---	---	---	---	---	0.3	2.0	0.0	1.0	0.0	0.0	0.0
27	---	---	---	---	---	0.7	2.0	1.0	1.0	0.0	0.0	0.0
28	---	---	---	---	---	1.0	2.0	1.0	1.0	0.0	0.0	0.0
29	---	---	---	---	---	1.3	2.0	1.0	1.0	0.0	0.0	0.0
30	---	---	---	---	---	1.7	2.0	1.0	1.0	0.2	0.0	0.0
31	---	---	---	---	---	---	2.0	---	1.0	0.3	---	0.0
TOTAL						5	48	25	31	11	7	0
MEAN						0.2	1.5	0.8	1.0	0.4	0.2	0.0
MAX						1.7	2.0	2.0	1.0	1.0	1.0	0.0
MIN						0.0	0.0	0.0	1.0	0.0	0.0	0.0
AC-FT						10	95	50	61	22	13	0
IRRIGATION YEAR 1989			TOTAL	127	MEAN	0	AC-FT	250				

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13208450 HART-DAVIS CANAL
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1988 TO OCTOBER 1989
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	---	---	---	---	---	0.0	8.0	8.0	9.0	9.0	7.0	5.0
2	---	---	---	---	---	0.0	7.9	8.0	9.0	9.0	6.7	5.0
3	---	---	---	---	---	0.0	7.7	8.0	9.0	9.0	6.3	5.0
4	---	---	---	---	---	0.0	7.6	8.0	9.0	9.0	6.0	5.0
5	---	---	---	---	---	0.0	7.4	8.0	9.0	9.0	6.0	5.0
6	---	---	---	---	---	0.0	7.3	8.0	9.0	9.0	6.0	5.0
7	---	---	---	---	---	0.0	7.1	8.0	9.0	9.0	6.0	5.0
8	---	---	---	---	---	0.0	7.0	8.0	9.0	9.0	6.0	5.0
9	---	---	---	---	---	0.0	7.1	8.0	9.0	8.7	6.0	5.0
10	---	---	---	---	---	0.0	7.3	8.0	9.0	8.3	6.0	5.0
11	---	---	---	---	---	0.0	7.4	8.0	9.0	8.0	6.0	5.0
12	---	---	---	---	---	1.0	7.6	8.0	8.7	7.7	6.0	5.0
13	---	---	---	---	---	2.0	7.7	8.0	8.3	7.3	5.8	5.0
14	---	---	---	---	---	3.0	7.9	8.0	8.0	7.0	5.7	5.0
15	---	---	---	---	---	4.0	8.0	8.0	7.7	7.0	5.5	2.0
16	---	---	---	---	---	5.0	7.6	8.0	7.3	7.2	5.3	0.0
17	---	---	---	---	---	6.0	7.1	8.0	7.0	7.3	5.2	0.0
18	---	---	---	---	---	6.0	6.7	8.0	7.0	7.5	5.0	0.0
19	---	---	---	---	---	6.3	6.3	8.0	7.0	7.7	5.0	0.0
20	---	---	---	---	---	6.7	5.9	8.0	7.0	7.8	5.0	0.0
21	---	---	---	---	---	7.0	5.4	8.2	7.0	8.0	5.0	0.0
22	---	---	---	---	---	7.3	5.0	8.3	7.0	8.0	5.0	0.0
23	---	---	---	---	---	7.7	5.0	8.5	7.0	8.0	5.0	0.0
24	---	---	---	---	---	8.0	5.5	8.7	7.0	8.0	5.0	0.0
25	---	---	---	---	---	8.0	6.0	8.8	7.0	8.0	5.0	0.0
26	---	---	---	---	---	8.0	6.5	9.0	7.3	8.0	5.0	0.0
27	---	---	---	---	---	8.0	7.0	9.0	7.7	8.0	5.0	0.0
28	---	---	---	---	---	8.0	7.5	9.0	8.0	8.0	5.0	0.0
29	---	---	---	---	---	8.0	8.0	9.0	8.3	8.0	5.0	0.0
30	---	---	---	---	---	8.0	8.0	9.0	8.7	7.7	5.0	0.0
31	---	---	---	---	---	---	8.0	---	9.0	7.3	---	0.0
TOTAL						118	218	248	251	251	167	72
MEAN						3.9	7.0	8.3	8.1	8.1	5.6	2.3
MAX						8.0	8.0	9.0	9.0	9.0	7.0	5.0
MIN						0.0	5.0	8.0	7.0	7.0	5.0	0.0
AC-FT						234	433	491	498	497	330	143
IRRIGATION YEAR 1989 TOTAL 1324 MEAN 4 AC-FT 2626												

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9-NOV-89

13208710 MIDDLETON CANAL
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1988 TO OCTOBER 1989
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	---	---	---	---	---	0.0	74	107	123	111	84	86
2	---	---	---	---	---	0.0	89	109	122	111	89	87
3	---	---	---	---	---	0.0	97	110	122	111	93	88
4	---	---	---	---	---	0.0	105	112	121	110	91	88
5	---	---	---	---	---	0.0	113	113	121	110	89	86
6	---	---	---	---	---	0.0	122	115	120	109	87	84
7	---	---	---	---	---	0.0	130	115	118	109	88	82
8	---	---	---	---	---	0.0	138	116	117	108	89	80
9	---	---	---	---	---	0.0	146	117	116	108	90	78
10	---	---	---	---	---	0.0	146	118	114	107	91	76
11	---	---	---	---	---	0.0	144	119	113	107	92	76
12	---	---	---	---	---	0.0	141	120	113	106	93	76
13	---	---	---	---	---	0.0	139	121	112	105	93	76
14	---	---	---	---	---	0.0	136	121	111	105	92	75
15	---	---	---	---	---	0.0	134	121	110	104	91	75
16	---	---	---	---	---	0.0	131	121	108	104	90	75
17	---	---	---	---	---	0.0	129	120	107	103	88	75
18	---	---	---	---	---	0.0	126	120	106	102	87	75
19	---	---	---	---	---	0.0	124	120	106	102	86	74
20	---	---	---	---	---	0.0	122	120	106	101	86	74
21	---	---	---	---	---	0.0	120	120	105	100	85	74
22	---	---	---	---	---	0.0	117	121	105	---	84	19
23	---	---	---	---	---	0.0	115	121	105	100	83	0.0
24	---	---	---	---	---	0.0	115	122	104	98	82	0.0
25	---	---	---	---	---	0.0	113	123	104	96	81	0.0
26	---	---	---	---	---	0.0	111	123	104	94	83	0.0
27	---	---	---	---	---	15	110	124	105	91	83	0.0
28	---	---	---	---	---	30	108	124	106	89	84	0.0
29	---	---	---	---	---	45	106	124	108	87	85	0.0
30	---	---	---	---	---	59	104	123	109	87	86	0.0
31	---	---	---	---	---	---	106	---	110	84	---	0.0
TOTAL						148	3709	3560	3449	3057	2623	1679
MEAN						4.9	120	119	111	102	87	54
MAX						59	146	124	123	111	93	88
MIN						0.0	74	107	104	84	81	0.0
AC-FT						294	7356	7061	6841	6064	5203	3329
IRRIGATION YEAR 1989												
TOTAL			18225	MEAN	50	AC-FT	36148					

9-NOV-89

13208738 BARBER PUMPS
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1988 TO OCTOBER 1989
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	---	---	---	---	---	0.0	0.7	0.7	0.7	0.0	0.7	0.0
2	---	---	---	---	---	0.0	0.0	0.7	0.7	0.0	0.7	0.0
3	---	---	---	---	---	0.0	0.0	0.7	0.7	0.7	0.7	0.0
4	---	---	---	---	---	0.0	0.7	0.7	0.0	0.7	0.7	0.0
5	---	---	---	---	---	0.0	0.7	0.7	0.0	0.7	0.0	0.0
6	---	---	---	---	---	0.0	0.7	0.0	0.7	0.7	0.0	0.0
7	---	---	---	---	---	0.0	0.7	0.0	0.7	0.7	0.7	0.0
8	---	---	---	---	---	0.0	0.7	0.7	0.7	0.0	0.7	0.0
9	---	---	---	---	---	0.0	0.0	0.7	0.7	0.0	0.7	0.0
10	---	---	---	---	---	0.0	0.0	0.7	0.7	0.7	0.7	0.0
11	---	---	---	---	---	0.0	0.7	0.7	0.0	0.7	0.7	0.0
12	---	---	---	---	---	0.0	0.7	0.7	0.0	0.7	0.0	0.0
13	---	---	---	---	---	0.0	0.7	0.0	0.7	0.7	0.0	0.0
14	---	---	---	---	---	0.0	0.7	0.0	0.7	0.7	0.7	0.0
15	---	---	---	---	---	0.0	0.7	0.7	0.7	0.0	0.7	0.0
16	---	---	---	---	---	0.0	0.0	0.7	0.7	0.0	0.7	0.0
17	---	---	---	---	---	0.0	0.0	0.7	0.7	0.7	0.7	0.0
18	---	---	---	---	---	0.0	0.7	0.7	0.0	0.7	0.7	0.0
19	---	---	---	---	---	0.0	0.7	0.7	0.0	0.7	0.0	0.0
20	---	---	---	---	---	0.0	0.7	0.0	0.7	0.7	0.0	0.0
21	---	---	---	---	---	0.0	0.7	0.0	0.7	0.7	0.0	0.0
22	---	---	---	---	---	0.0	0.7	0.7	0.7	0.0	0.0	0.0
23	---	---	---	---	---	0.0	0.0	0.7	0.7	0.0	0.0	0.0
24	---	---	---	---	---	0.0	0.0	0.7	0.7	0.7	0.0	0.0
25	---	---	---	---	---	0.0	0.7	0.7	0.0	0.7	0.0	0.0
26	---	---	---	---	---	0.7	0.7	0.7	0.0	0.7	0.0	0.0
27	---	---	---	---	---	0.7	0.7	0.0	0.7	0.7	0.0	0.0
28	---	---	---	---	---	0.7	0.7	0.0	0.7	0.7	0.0	0.0
29	---	---	---	---	---	0.7	0.7	0.7	0.7	0.0	0.0	0.0
30	---	---	---	---	---	0.7	0.0	0.7	0.7	0.0	0.0	0.0
31	---	---	---	---	---	---	0.0	---	0.7	0.7	---	0.0
TOTAL						4	15	15	16	15	10	0
MEAN						0.1	0.5	0.5	0.5	0.5	0.3	0.0
MAX						0.7	0.7	0.7	0.7	0.7	0.7	0.0
MIN						0.0	0.0	0.0	0.0	0.0	0.0	0.0
AC-FT						7	29	31	32	29	19	0
IRRIGATION YEAR 1989 TOTAL 74 MEAN 0 AC-FT 147												

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9-NOV-89

13208740 SEVEN SUCKERS CANAL
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1988 TO OCTOBER 1989
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	---	---	---	---	---	0.0	1.2	1.2	1.2	1.2	1.2	0.2
2	---	---	---	---	---	0.0	1.2	1.2	1.2	1.2	1.2	0.0
3	---	---	---	---	---	0.0	1.2	1.2	1.2	1.2	1.2	0.0
4	---	---	---	---	---	0.0	1.2	1.2	1.2	1.2	1.2	0.0
5	---	---	---	---	---	0.0	1.2	1.2	1.2	1.2	1.2	0.0
6	---	---	---	---	---	0.0	1.2	1.2	1.2	1.2	1.2	0.0
7	---	---	---	---	---	0.0	1.2	1.2	1.2	1.2	1.2	0.0
8	---	---	---	---	---	0.0	1.2	1.2	1.2	1.2	1.2	0.0
9	---	---	---	---	---	0.0	1.2	1.2	1.2	1.2	1.2	0.0
10	---	---	---	---	---	0.0	1.2	1.2	1.2	1.2	1.2	0.0
11	---	---	---	---	---	0.0	1.2	1.2	1.2	1.2	1.2	0.0
12	---	---	---	---	---	0.0	1.2	1.2	1.2	1.2	1.2	0.0
13	---	---	---	---	---	0.0	1.2	1.2	1.2	1.2	1.2	0.0
14	---	---	---	---	---	0.0	1.2	1.2	1.2	1.2	1.2	0.0
15	---	---	---	---	---	0.0	1.2	1.2	1.2	1.2	1.2	0.0
16	---	---	---	---	---	0.0	1.2	1.2	1.2	1.2	1.2	0.0
17	---	---	---	---	---	0.0	1.2	1.2	1.2	1.2	1.2	0.0
18	---	---	---	---	---	0.0	1.2	1.2	1.2	1.2	1.2	0.0
19	---	---	---	---	---	0.0	1.2	1.2	1.2	1.2	1.2	0.0
20	---	---	---	---	---	0.0	1.2	1.2	1.2	1.2	1.2	0.0
21	---	---	---	---	---	0.0	1.2	1.2	1.2	1.2	1.2	0.0
22	---	---	---	---	---	0.0	1.2	1.2	1.2	1.2	1.2	0.0
23	---	---	---	---	---	0.0	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	1.0	0.0
28	---	---	---	---	---	1.2	1.2	1.2	1.2	1.2	0.8	0.0
29	---	---	---	---	---	1.2	1.2	1.2	1.2	1.2	0.6	0.0
30	---	---	---	---	---	1.2	1.2	1.2	1.2	1.2	0.4	0.0
31	---	---	---	---	---	---	1.2	---	1.2	1.2	---	0.0
TOTAL						8	37	36	37	37	34	0
MEAN						0.3	1.2	1.2	1.2	1.2	1.1	0.0
MAX						1.2	1.2	1.2	1.2	1.2	1.2	0.2
MIN						0.0	1.2	1.2	1.2	1.2	0.4	0.0
AC-FT						17	74	71	74	74	67	0
IRRIGATION YEAR 1989 TOTAL 190 MEAN 1 AC-FT 377												

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13209480 PHYLLIS CANAL
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1988 TO OCTOBER 1989
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	---	---	---	---	---	0.0	383	461	485	484	223	120
2	---	---	---	---	---	0.0	391	465	476	484	223	120
3	---	---	---	---	---	0.0	405	470	467	485	222	120
4	---	---	---	---	---	0.0	419	474	458	485	222	120
5	---	---	---	---	---	0.0	434	478	458	486	221	119
6	---	---	---	---	---	0.0	448	482	457	487	221	118
7	---	---	---	---	---	0.0	462	482	456	487	214	118
8	---	---	---	---	---	0.0	476	486	456	488	214	117
9	---	---	---	---	---	0.0	473	489	455	486	214	116
10	---	---	---	---	---	0.0	470	493	454	451	214	115
11	---	---	---	---	---	0.0	467	496	453	437	214	115
12	---	---	---	---	---	75	465	500	453	437	214	115
13	---	---	---	---	---	95	462	503	454	437	214	9.0
14	---	---	---	---	---	115	459	507	454	436	215	0.0
15	---	---	---	---	---	136	456	512	455	436	216	0.0
16	---	---	---	---	---	156	453	516	456	436	216	0.0
17	---	---	---	---	---	176	451	520	456	434	217	0.0
18	---	---	---	---	---	196	449	524	457	421	203	0.0
19	---	---	---	---	---	215	447	529	457	422	199	0.0
20	---	---	---	---	---	233	445	533	458	422	193	0.0
21	---	---	---	---	---	252	443	533	459	423	194	0.0
22	---	---	---	---	---	271	441	530	460	423	195	0.0
23	---	---	---	---	---	289	439	526	460	391	196	0.0
24	---	---	---	---	---	308	439	523	461	360	196	0.0
25	---	---	---	---	---	326	441	519	462	354	197	0.0
26	---	---	---	---	---	345	444	516	462	320	198	0.0
27	---	---	---	---	---	353	446	512	466	300	198	0.0
28	---	---	---	---	---	360	448	512	469	260	142	0.0
29	---	---	---	---	---	368	451	503	473	224	97	0.0
30	---	---	---	---	---	376	453	494	477	224	109	0.0
31	---	---	---	---	---	---	457	---	480	224	---	0.0
TOTAL						4644	13817	15085	14303	12642	6009	1422
MEAN						155	446	503	461	408	200	46
MAX						376	476	533	485	488	223	120
MIN						0.0	383	461	453	224	97	0.0
AC-FT						9211	27405	29921	28370	25076	11918	2820
IRRIGATION YEAR 1989			TOTAL	67920	MEAN	186	AC-FT	134720				

9-NOV-89

13209482 EUREKA #1 CANAL
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1988 TO OCTOBER 1989
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	---	---	---	---	---	0.0	31	32	32	24	20	12
2	---	---	---	---	---	0.0	31	32	32	24	19	12
3	---	---	---	---	---	0.0	31	32	32	24	19	12
4	---	---	---	---	---	0.0	31	32	32	24	19	12
5	---	---	---	---	---	0.0	31	32	32	24	19	12
6	---	---	---	---	---	0.0	32	32	32	23	19	12
7	---	---	---	---	---	0.0	32	32	32	23	19	12
8	---	---	---	---	---	0.0	32	32	32	23	19	12
9	---	---	---	---	---	0.0	32	32	32	23	19	12
10	---	---	---	---	---	0.0	32	32	32	23	19	12
11	---	---	---	---	---	0.0	31	32	32	23	19	12
12	---	---	---	---	---	0.0	31	32	32	23	19	3.0
13	---	---	---	---	---	0.0	31	32	30	22	19	0.0
14	---	---	---	---	---	0.0	31	32	28	22	19	0.0
15	---	---	---	---	---	0.0	30	32	28	22	18	0.0
16	---	---	---	---	---	0.0	30	32	28	22	18	0.0
17	---	---	---	---	---	0.0	30	32	28	22	17	0.0
18	---	---	---	---	---	0.0	31	32	28	22	17	0.0
19	---	---	---	---	---	0.0	31	32	28	23	16	0.0
20	---	---	---	---	---	5.0	31	32	28	23	16	0.0
21	---	---	---	---	---	10	31	32	28	23	15	0.0
22	---	---	---	---	---	15	32	32	24	23	14	0.0
23	---	---	---	---	---	20	32	32	24	23	14	0.0
24	---	---	---	---	---	25	32	32	24	23	13	0.0
25	---	---	---	---	---	30	32	32	24	22	12	0.0
26	---	---	---	---	---	30	32	32	24	22	11	0.0
27	---	---	---	---	---	30	32	32	24	21	11	0.0
28	---	---	---	---	---	30	32	32	24	21	11	0.0
29	---	---	---	---	---	31	32	32	24	20	11	0.0
30	---	---	---	---	---	31	32	32	24	20	12	0.0
31	---	---	---	---	---	---	32	---	24	20	---	0.0
TOTAL						257	973	960	878	694	488	135
MEAN						8.6	31	32	28	22	16	4.3
MAX						31	32	32	32	24	20	12
MIN						0.0	30	32	24	20	11	0.0
AC-FT						510	1930	1904	1742	1376	969	267
IRRIGATION YEAR 1989 TOTAL 4385 MEAN 12 AC-FT 8697												

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9-NOV-89

13209630 LITTLE PIONEER CANAL
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1988 TO OCTOBER 1989
MEAN VALUES

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DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	---	---	---	---	---	0.0	30	30	30	22	20	17
2	---	---	---	---	---	0.0	30	30	29	22	20	17
3	---	---	---	---	---	0.0	30	31	29	22	20	16
4	---	---	---	---	---	0.0	29	31	29	22	20	16
5	---	---	---	---	---	0.0	29	31	29	23	20	16
6	---	---	---	---	---	0.0	28	31	29	23	20	16
7	---	---	---	---	---	0.0	28	31	30	23	20	17
8	---	---	---	---	---	0.0	27	31	30	23	20	17
9	---	---	---	---	---	0.0	27	31	30	23	21	17
10	---	---	---	---	---	12	26	31	31	23	21	17
11	---	---	---	---	---	14	25	31	31	22	21	17
12	---	---	---	---	---	16	24	31	31	22	21	17
13	---	---	---	---	---	18	23	31	31	22	21	17
14	---	---	---	---	---	20	22	31	30	21	21	17
15	---	---	---	---	---	22	21	30	30	21	20	17
16	---	---	---	---	---	24	20	30	29	21	20	17
17	---	---	---	---	---	26	21	30	29	21	20	17
18	---	---	---	---	---	27	23	30	28	22	19	17
19	---	---	---	---	---	27	24	29	28	22	19	17
20	---	---	---	---	---	28	25	29	27	22	19	17
21	---	---	---	---	---	28	26	29	27	23	19	17
22	---	---	---	---	---	29	28	29	26	23	19	17
23	---	---	---	---	---	29	29	29	25	23	19	17
24	---	---	---	---	---	30	29	30	25	23	19	17
25	---	---	---	---	---	30	29	30	24	22	19	17
26	---	---	---	---	---	30	29	30	24	22	19	17
27	---	---	---	---	---	30	30	30	24	21	19	17
28	---	---	---	---	---	30	30	30	23	21	19	17
29	---	---	---	---	---	30	30	30	23	20	18	17
30	---	---	---	---	---	30	30	30	23	20	18	17
31	---	---	---	---	---	---	30	---	22	20	---	5.0
TOTAL						530	832	906	855	678	590	510
MEAN						18	27	30	28	22	20	16
MAX						30	30	31	31	23	21	17
MIN						0.0	20	29	22	20	18	5.0
AC-FT						1051	1649	1797	1695	1345	1169	1012
IRRIGATION YEAR 1989			TOTAL	4900	MEAN	13	AC-FT	9718				

9-NOV-89

13209990 CANYON COUNTY CANAL
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1988 TO OCTOBER 1989
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	---	---	---	---	---	0.0	61	63	67	58	48	35
2	---	---	---	---	---	0.0	63	63	65	58	48	36
3	---	---	---	---	---	0.0	63	64	64	56	47	38
4	---	---	---	---	---	0.0	64	64	62	53	46	38
5	---	---	---	---	---	0.0	64	64	62	53	45	37
6	---	---	---	---	---	0.0	64	64	62	52	47	36
7	---	---	---	---	---	0.0	64	64	63	52	47	35
8	---	---	---	---	---	0.0	65	64	63	57	46	33
9	---	---	---	---	---	0.0	65	64	63	57	46	32
10	---	---	---	---	---	0.0	60	65	64	56	45	31
11	---	---	---	---	---	0.0	55	65	64	55	45	31
12	---	---	---	---	---	0.0	50	65	64	55	44	31
13	---	---	---	---	---	0.0	46	65	64	54	44	31
14	---	---	---	---	---	0.0	41	64	64	53	47	8.0
15	---	---	---	---	---	0.0	36	63	65	52	44	0.0
16	---	---	---	---	---	0.0	31	62	65	52	40	0.0
17	---	---	---	---	---	0.0	34	62	65	53	41	0.0
18	---	---	---	---	---	0.0	37	61	65	53	36	0.0
19	---	---	---	---	---	0.0	40	60	65	54	30	0.0
20	---	---	---	---	---	8.3	44	59	65	53	33	0.0
21	---	---	---	---	---	17	47	59	64	52	33	0.0
22	---	---	---	---	---	25	50	61	64	51	32	0.0
23	---	---	---	---	---	33	53	63	64	51	32	0.0
24	---	---	---	---	---	42	53	65	63	56	32	0.0
25	---	---	---	---	---	50	55	67	63	53	31	0.0
26	---	---	---	---	---	52	56	69	63	51	31	0.0
27	---	---	---	---	---	54	58	71	62	47	31	0.0
28	---	---	---	---	---	56	60	71	61	47	30	0.0
29	---	---	---	---	---	57	61	70	61	50	32	0.0
30	---	---	---	---	---	59	63	68	60	50	33	0.0
31	---	---	---	---	---	---	63	---	59	49	---	0.0
TOTAL						453	1666	1928	1963	1642	1183	452
MEAN						15	54	64	63	53	39	15
MAX						59	65	71	67	58	48	38
MIN						0.0	31	59	59	47	30	0.0
AC-FT						898	3305	3824	3894	3257	2346	896
IRRIGATION YEAR 1989 TOTAL 9287 MEAN 25 AC-FT 18419												

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9-NOV-89

13210005 CALDWELL HIGHLINE CANAL
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1988 TO OCTOBER 1989
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	---	---	---	---	---	0.0	41	27	33	31	26	22
2	---	---	---	---	---	0.0	39	27	33	31	26	21
3	---	---	---	---	---	0.0	38	27	34	31	25	21
4	---	---	---	---	---	0.0	38	27	34	32	25	21
5	---	---	---	---	---	0.0	37	27	34	32	25	21
6	---	---	---	---	---	0.0	36	27	34	32	25	20
7	---	---	---	---	---	0.0	35	27	33	33	25	20
8	---	---	---	---	---	0.0	35	27	33	33	24	20
9	---	---	---	---	---	0.0	34	28	32	33	24	19
10	---	---	---	---	---	0.0	34	28	32	33	24	19
11	---	---	---	---	---	0.0	33	28	31	33	23	19
12	---	---	---	---	---	30	33	29	31	33	23	19
13	---	---	---	---	---	31	32	29	31	32	23	5.0
14	---	---	---	---	---	31	32	29	31	32	23	0.0
15	---	---	---	---	---	32	31	29	31	32	23	0.0
16	---	---	---	---	---	32	31	29	31	32	23	0.0
17	---	---	---	---	---	33	31	29	31	32	22	0.0
18	---	---	---	---	---	35	30	29	31	31	22	0.0
19	---	---	---	---	---	38	30	29	31	31	22	0.0
20	---	---	---	---	---	40	30	29	31	31	22	0.0
21	---	---	---	---	---	43	30	29	31	30	22	0.0
22	---	---	---	---	---	45	29	30	32	30	22	0.0
23	---	---	---	---	---	47	29	30	32	30	23	0.0
24	---	---	---	---	---	50	29	31	32	29	23	0.0
25	---	---	---	---	---	52	28	31	32	29	23	0.0
26	---	---	---	---	---	50	28	32	32	28	23	0.0
27	---	---	---	---	---	48	28	32	32	27	23	0.0
28	---	---	---	---	---	46	28	32	32	27	23	0.0
29	---	---	---	---	---	45	27	32	32	26	22	0.0
30	---	---	---	---	---	43	27	33	31	26	22	0.0
31	---	---	---	---	---	---	27	---	31	26	---	0.0
TOTAL						771	990	872	989	947	700	247
MEAN						26	32	29	32	31	23	8.0
MAX						52	41	33	34	33	26	22
MIN						0.0	27	27	31	26	22	0.0
AC-FT						1529	1963	1729	1961	1879	1388	490
IRRIGATION YEAR 1989			TOTAL	5515	MEAN	15	AC-FT	10938				

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9-NOV-89

13210984 RIVERSIDE CANAL
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1988 TO OCTOBER 1989
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	---	---	---	---	---	0.0	208	210	207	198	219	174
2	---	---	---	---	---	0.0	206	211	202	198	218	170
3	---	---	---	---	---	0.0	205	211	198	205	217	167
4	---	---	---	---	---	0.0	207	212	193	211	215	167
5	---	---	---	---	---	0.0	210	212	193	218	214	165
6	---	---	---	---	---	0.0	212	213	194	224	214	162
7	---	---	---	---	---	0.0	215	213	195	231	216	160
8	---	---	---	---	---	0.0	217	213	196	237	217	158
9	---	---	---	---	---	0.0	219	212	196	237	219	155
10	---	---	---	---	---	0.0	222	212	197	234	221	153
11	---	---	---	---	---	0.0	224	212	198	231	222	150
12	---	---	---	---	---	0.0	224	211	198	228	224	148
13	---	---	---	---	---	0.0	225	211	199	232	224	145
14	---	---	---	---	---	0.0	225	212	201	235	223	36
15	---	---	---	---	---	70	226	213	202	230	221	0.0
16	---	---	---	---	---	141	226	214	203	220	220	0.0
17	---	---	---	---	---	211	226	214	205	222	218	0.0
18	---	---	---	---	---	211	227	215	206	224	230	0.0
19	---	---	---	---	---	212	227	216	206	226	239	0.0
20	---	---	---	---	---	212	228	217	207	228	239	0.0
21	---	---	---	---	---	212	228	217	207	230	227	0.0
22	---	---	---	---	---	213	228	218	208	232	214	0.0
23	---	---	---	---	---	213	229	218	209	232	202	0.0
24	---	---	---	---	---	213	229	219	209	236	190	0.0
25	---	---	---	---	---	214	229	219	210	239	177	0.0
26	---	---	---	---	---	214	225	220	210	235	165	0.0
27	---	---	---	---	---	213	221	220	208	231	165	0.0
28	---	---	---	---	---	211	217	220	206	226	169	0.0
29	---	---	---	---	---	210	213	216	204	222	173	0.0
30	---	---	---	---	---	209	209	211	202	222	177	0.0
31	---	---	---	---	---	---	210	---	200	221	---	0.0
TOTAL						3179	6815	6430	6268	6992	6288	2110
MEAN						106	220	214	202	226	210	68
MAX						214	229	220	210	239	239	174
MIN						0.0	205	210	193	198	165	0.0
AC-FT						6306	13518	12755	12432	13868	12473	4185
IRRIGATION YEAR 1989			TOTAL	38082	MEAN	104	AC-FT	75536				

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9-NOV-89

13210992 SEBREE CANAL
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1988 TO OCTOBER 1989
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	---	---	---	---	---	0.0	177	233	302	276	214	115
2	---	---	---	---	---	0.0	193	234	300	276	208	114
3	---	---	---	---	---	0.0	209	235	299	275	205	112
4	---	---	---	---	---	0.0	212	235	297	274	190	112
5	---	---	---	---	---	0.0	215	236	297	273	190	111
6	---	---	---	---	---	0.0	217	237	298	271	189	111
7	---	---	---	---	---	0.0	220	237	300	270	178	110
8	---	---	---	---	---	0.0	223	249	301	269	178	110
9	---	---	---	---	---	0.0	226	261	302	269	188	109
10	---	---	---	---	---	0.0	228	274	304	270	188	108
11	---	---	---	---	---	0.0	231	286	305	272	188	108
12	---	---	---	---	---	0.0	231	298	305	273	184	107
13	---	---	---	---	---	0.0	230	310	300	275	191	106
14	---	---	---	---	---	0.0	230	303	295	277	191	106
15	---	---	---	---	---	55	230	296	290	279	197	105
16	---	---	---	---	---	68	230	289	50	279	196	26
17	---	---	---	---	---	80	229	282	30	277	191	0.0
18	---	---	---	---	---	81	229	275	100	275	157	0.0
19	---	---	---	---	---	81	229	268	100	273	153	0.0
20	---	---	---	---	---	82	228	261	125	271	153	0.0
21	---	---	---	---	---	83	228	261	150	262	188	0.0
22	---	---	---	---	---	83	228	269	175	259	188	0.0
23	---	---	---	---	---	84	227	276	200	259	188	0.0
24	---	---	---	---	---	95	227	284	225	248	181	0.0
25	---	---	---	---	---	106	227	292	250	237	173	0.0
26	---	---	---	---	---	117	228	299	250	225	172	0.0
27	---	---	---	---	---	128	229	307	254	214	172	0.0
28	---	---	---	---	---	139	230	307	259	212	120	0.0
29	---	---	---	---	---	150	230	305	263	209	118	0.0
30	---	---	---	---	---	161	231	304	267	209	117	0.0
31	---	---	---	---	---	---	232	---	272	212	---	0.0
TOTAL						1593	6932	8202	7465	8018	5346	1669
MEAN						53	224	273	241	259	178	54
MAX						161	232	310	305	279	214	115
MIN						0.0	177	233	30	209	117	0.0
AC-FT						3159	13749	16269	14807	15904	10604	3310

IRRIGATION YEAR 1989 TOTAL 39224 MEAN 107 AC-FT 77801

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9-NOV-89

13210993 CAMPBELL CANAL
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1988 TO OCTOBER 1989
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	---	---	---	---	---	0.0	19	30	27	18	24	15
2	---	---	---	---	---	0.0	18	30	26	18	25	15
3	---	---	---	---	---	0.0	19	30	26	19	25	15
4	---	---	---	---	---	0.0	20	30	25	19	26	15
5	---	---	---	---	---	0.0	21	31	25	20	26	15
6	---	---	---	---	---	0.0	23	31	26	21	26	16
7	---	---	---	---	---	0.0	24	31	27	21	25	16
8	---	---	---	---	---	0.0	25	31	28	22	24	16
9	---	---	---	---	---	0.0	26	31	28	22	23	17
10	---	---	---	---	---	0.0	26	31	29	22	22	17
11	---	---	---	---	---	0.0	27	31	30	23	21	15
12	---	---	---	---	---	0.0	27	31	30	23	20	12
13	---	---	---	---	---	0.0	28	31	29	23	20	9.8
14	---	---	---	---	---	0.0	28	30	27	24	20	7.4
15	---	---	---	---	---	0.0	29	30	26	24	19	5.0
16	---	---	---	---	---	0.0	29	29	24	24	19	0.0
17	---	---	---	---	---	0.0	28	28	23	25	18	0.0
18	---	---	---	---	---	0.0	28	27	21	25	18	0.0
19	---	---	---	---	---	0.0	27	27	21	26	17	0.0
20	---	---	---	---	---	3.8	27	26	21	27	17	0.0
21	---	---	---	---	---	7.7	26	26	22	27	17	0.0
22	---	---	---	---	---	12	26	27	22	28	16	0.0
23	---	---	---	---	---	15	25	27	22	28	16	0.0
24	---	---	---	---	---	19	25	28	23	27	15	0.0
25	---	---	---	---	---	23	26	28	23	26	15	0.0
26	---	---	---	---	---	22	26	29	23	26	14	0.0
27	---	---	---	---	---	22	27	29	22	25	14	0.0
28	---	---	---	---	---	21	28	29	21	24	14	0.0
29	---	---	---	---	---	20	28	28	21	23	14	0.0
30	---	---	---	---	---	19	29	28	20	23	15	0.0
31	---	---	---	---	---	---	29	---	19	24	---	0.0
TOTAL						185	794	873	755	726	581	206
MEAN						6.2	26	29	24	23	19	6.6
MAX						23	29	31	30	28	26	17
MIN						0.0	18	26	19	18	14	0.0
AC-FT						367	1575	1732	1497	1440	1152	408

IRRIGATION YEAR 1989 TOTAL 4119 MEAN 11 AC-FT 8170

12-DEC-89

13210994 SIEBENBERG CANAL
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1988 TO OCTOBER 1989
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	---	---	---	---	---	0.0	8.4	11	13	13	8.0	7.0
2	---	---	---	---	---	0.0	8.7	11	13	13	8.0	6.3
3	---	---	---	---	---	0.0	9.0	11	13	13	8.0	5.7
4	---	---	---	---	---	0.0	9.3	11	13	13	8.0	5.0
5	---	---	---	---	---	0.0	9.6	11	13	12	8.0	5.0
6	---	---	---	---	---	0.0	9.9	11	13	12	8.0	5.0
7	---	---	---	---	---	0.0	10	11	13	11	8.0	5.0
8	---	---	---	---	---	0.0	10	11	12	11	8.0	5.0
9	---	---	---	---	---	0.0	11	11	12	10	8.0	5.0
10	---	---	---	---	---	0.0	11	12	12	10	8.0	5.0
11	---	---	---	---	---	0.0	11	12	11	10	8.0	5.0
12	---	---	---	---	---	0.0	11	12	11	10	8.0	5.0
13	---	---	---	---	---	0.0	11	13	11	10	8.0	5.0
14	---	---	---	---	---	0.0	11	13	11	10	8.0	5.0
15	---	---	---	---	---	0.0	11	13	11	10	7.7	5.0
16	---	---	---	---	---	0.0	11	12	11	10	7.3	2.0
17	---	---	---	---	---	2.0	11	12	11	10	7.0	0.0
18	---	---	---	---	---	2.6	11	12	11	9.8	6.7	0.0
19	---	---	---	---	---	3.1	11	12	11	9.7	6.3	0.0
20	---	---	---	---	---	3.7	11	11	11	9.5	6.0	0.0
21	---	---	---	---	---	4.2	10	11	11	9.3	6.0	0.0
22	---	---	---	---	---	4.8	10	11	11	9.2	6.5	0.0
23	---	---	---	---	---	5.3	10	11	11	9.0	7.0	0.0
24	---	---	---	---	---	5.9	10	12	10	9.0	7.5	0.0
25	---	---	---	---	---	6.4	10	12	10	8.8	8.0	0.0
26	---	---	---	---	---	7.0	10	12	10	8.7	8.5	0.0
27	---	---	---	---	---	7.3	10	13	10	8.5	9.0	0.0
28	---	---	---	---	---	7.6	11	13	11	8.3	9.0	0.0
29	---	---	---	---	---	7.9	11	13	11	8.2	8.3	0.0
30	---	---	---	---	---	8.1	11	13	12	8.0	7.7	0.0
31	---	---	---	---	---	---	11	---	12	8.0	---	0.0
TOTAL						76	321	354	355	310	231	81
MEAN						2.5	10	12	11	10	7.7	2.6
MAX						8.1	11	13	13	13	9.0	7.0
MIN						0.0	8.4	11	10	8.0	6.0	0.0
AC-FT						151	636	702	703	615	457	161
IRRIGATION YEAR 1989			TOTAL	1727	MEAN	5	AC-FT	3424				

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9-NOV-89

13211001 SHIPLEY PUMPS
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1988 TO OCTOBER 1989
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 1989

TOTAL

40

MEAN

0

AC-FT

78

9-NOV-89

13211003 WAGNER PUMPS
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1988 TO OCTOBER 1989
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 1989			TOTAL	73	MEAN	0	AC-FT	145				

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9-NOV-89

13211603 SIMPLOT PUMPS
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1988 TO OCTOBER 1989
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 1989			TOTAL	119	MEAN	0	AC-FT	235				

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9-NOV-89

13211725 EUREKA #2
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1988 TO OCTOBER 1989
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	---	---	---	---	---	0.0	110	99	98	99	114	95
2	---	---	---	---	---	0.0	110	99	98	97	113	95
3	---	---	---	---	---	0.0	110	98	97	97	113	95
4	---	---	---	---	---	0.0	107	97	96	98	112	95
5	---	---	---	---	---	0.0	104	96	95	100	111	95
6	---	---	---	---	---	0.0	101	96	95	101	110	95
7	---	---	---	---	---	0.0	99	95	98	102	110	95
8	---	---	---	---	---	0.0	96	95	102	104	109	95
9	---	---	---	---	---	0.0	93	94	105	105	108	95
10	---	---	---	---	---	0.0	90	93	108	105	108	95
11	---	---	---	---	---	0.0	90	93	112	108	107	95
12	---	---	---	---	---	0.0	90	92	115	110	106	78
13	---	---	---	---	---	0.0	90	91	115	113	105	60
14	---	---	---	---	---	15	90	90	114	115	105	43
15	---	---	---	---	---	30	90	90	113	118	105	25
16	---	---	---	---	---	45	90	90	113	120	105	0.0
17	---	---	---	---	---	60	90	90	112	120	105	0.0
18	---	---	---	---	---	75	91	90	111	119	105	0.0
19	---	---	---	---	---	90	93	90	110	118	105	0.0
20	---	---	---	---	---	90	94	90	110	118	105	0.0
21	---	---	---	---	---	93	96	90	110	117	105	0.0
22	---	---	---	---	---	97	97	90	110	116	103	0.0
23	---	---	---	---	---	100	99	92	110	115	102	0.0
24	---	---	---	---	---	103	100	93	110	115	100	0.0
25	---	---	---	---	---	107	100	95	110	115	98	0.0
26	---	---	---	---	---	110	100	97	110	115	97	0.0
27	---	---	---	---	---	110	100	98	110	115	95	0.0
28	---	---	---	---	---	110	100	100	108	115	95	0.0
29	---	---	---	---	---	110	100	100	106	115	95	0.0
30	---	---	---	---	---	110	100	99	104	115	95	0.0
31	---	---	---	---	---	---	100	---	101	115	---	0.0
TOTAL						1455	3020	2822	3304	3433	3145	1250
MEAN						49	97	94	107	111	105	40
MAX						110	110	100	115	120	114	95
MIN						0.0	90	90	95	97	95	0.0
AC-FT						2886	5990	5597	6554	6810	6238	2479
IRRIGATION YEAR 1989												
TOTAL			18429	MEAN	50	AC-FT	36553					

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13-NOV-89

13211735 UPPER CENTER POINT CANAL
 DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1988 TO OCTOBER 1989
 MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	---	---	---	---	---	0.0	17	23	22	18	21	11
2	---	---	---	---	---	0.0	16	22	23	18	21	11
3	---	---	---	---	---	0.0	15	22	24	18	22	10
4	---	---	---	---	---	0.0	15	21	25	18	22	10
5	---	---	---	---	---	0.0	16	21	26	18	23	10
6	---	---	---	---	---	0.0	16	20	26	19	23	9.8
7	---	---	---	---	---	0.0	16	20	25	19	23	9.7
8	---	---	---	---	---	0.0	16	20	24	19	22	9.5
9	---	---	---	---	---	0.0	17	21	24	19	22	9.3
10	---	---	---	---	---	0.0	17	21	23	19	21	9.2
11	---	---	---	---	---	0.0	18	22	22	20	20	9.0
12	---	---	---	---	---	0.0	18	23	21	20	20	9.0
13	---	---	---	---	---	0.0	19	23	21	21	19	9.0
14	---	---	---	---	---	2.7	19	24	21	21	19	9.0
15	---	---	---	---	---	5.3	20	24	22	22	18	3.0
16	---	---	---	---	---	8.0	20	23	22	22	17	0.0
17	---	---	---	---	---	11	21	23	22	22	16	0.0
18	---	---	---	---	---	13	21	23	23	22	15	0.0
19	---	---	---	---	---	16	20	23	23	22	14	0.0
20	---	---	---	---	---	17	20	22	23	22	13	0.0
21	---	---	---	---	---	17	20	22	22	22	13	0.0
22	---	---	---	---	---	18	20	22	21	22	13	0.0
23	---	---	---	---	---	19	19	22	21	22	13	0.0
24	---	---	---	---	---	20	19	21	20	22	13	0.0
25	---	---	---	---	---	20	19	21	19	22	12	0.0
26	---	---	---	---	---	21	20	21	18	21	12	0.0
27	---	---	---	---	---	20	20	20	18	21	12	0.0
28	---	---	---	---	---	19	21	20	18	21	12	0.0
29	---	---	---	---	---	18	22	20	18	20	12	0.0
30	---	---	---	---	---	18	22	21	18	20	11	0.0
31	---	---	---	---	---	---	23	---	18	20	---	0.0
TOTAL						263	582	651	672	630	512	139
MEAN						8.8	19	22	22	20	17	4.5
MAX						21	23	24	26	22	23	11
MIN						0.0	15	20	18	18	11	0.0
AC-FT						522	1154	1291	1333	1250	1016	275
IRRIGATION YEAR 1989												
TOTAL			3449	MEAN	9	AC-FT	6840					

13-NOV-89

13211745 MCMANUS AND TEATER CANAL
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1988 TO OCTOBER 1989
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	---	---	---	---	---	0.0	4.0	0.6	2.7	0.7	4.0	0.0
2	---	---	---	---	---	0.0	4.0	1.1	2.0	0.0	4.0	0.0
3	---	---	---	---	---	0.0	4.0	1.7	1.3	0.0	4.0	0.0
4	---	---	---	---	---	0.0	4.0	2.3	0.7	0.7	4.0	0.0
5	---	---	---	---	---	0.0	3.3	2.9	0.0	1.3	4.0	0.0
6	---	---	---	---	---	0.0	2.7	3.4	0.0	2.0	4.0	0.0
7	---	---	---	---	---	0.0	2.0	4.0	0.7	2.7	4.0	0.0
8	---	---	---	---	---	0.0	1.3	4.0	1.3	3.3	4.0	0.0
9	---	---	---	---	---	0.0	0.7	3.3	2.0	4.0	4.0	0.0
10	---	---	---	---	---	0.0	0.0	2.7	2.7	4.0	4.0	0.0
11	---	---	---	---	---	0.0	0.0	2.0	3.3	4.0	4.0	0.0
12	---	---	---	---	---	0.0	0.7	1.3	4.0	4.0	4.0	0.0
13	---	---	---	---	---	0.0	1.3	0.7	4.0	4.0	4.0	0.0
14	---	---	---	---	---	0.0	2.0	0.0	4.0	4.0	4.0	0.0
15	---	---	---	---	---	0.0	2.7	0.6	4.0	4.0	3.3	0.0
16	---	---	---	---	---	0.0	3.3	1.1	4.0	4.0	2.7	0.0
17	---	---	---	---	---	0.0	4.0	1.7	4.0	4.0	2.0	0.0
18	---	---	---	---	---	0.0	4.0	2.3	4.0	3.3	1.3	0.0
19	---	---	---	---	---	0.0	4.0	2.9	4.0	2.7	0.7	0.0
20	---	---	---	---	---	0.0	4.0	3.4	4.0	2.0	0.0	0.0
21	---	---	---	---	---	0.7	4.0	4.0	4.0	1.3	0.0	0.0
22	---	---	---	---	---	1.3	4.0	4.0	4.0	0.7	0.0	0.0
23	---	---	---	---	---	2.0	4.0	4.0	4.0	0.0	0.0	0.0
24	---	---	---	---	---	2.7	4.0	4.0	4.0	0.0	0.0	0.0
25	---	---	---	---	---	3.3	4.0	4.0	4.0	0.7	0.0	0.0
26	---	---	---	---	---	4.0	3.3	4.0	4.0	1.3	0.0	0.0
27	---	---	---	---	---	4.0	2.7	4.0	4.0	2.0	0.0	0.0
28	---	---	---	---	---	4.0	2.0	4.0	3.3	2.7	0.0	0.0
29	---	---	---	---	---	4.0	1.3	4.0	2.7	3.3	0.0	0.0
30	---	---	---	---	---	4.0	0.7	3.3	2.0	4.0	0.0	0.0
31	---	---	---	---	---	---	0.0	---	1.3	4.0	---	0.0
TOTAL						30	82	81	90	75	66	0
MEAN						1.0	2.6	2.7	2.9	2.4	2.2	0.0
MAX						4.0	4.0	4.0	4.0	4.0	4.0	0.0
MIN						0.0	0.0	0.0	0.0	0.0	0.0	0.0
AC-FT						60	163	161	179	148	131	0

IRRIGATION YEAR 1989 TOTAL 424 MEAN 1 AC-FT 841

13-NOV-89

13211747 ATWELL
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1988 TO OCTOBER 1989
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	---	---	---	---	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2	---	---	---	---	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	---	---	---	---	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4	---	---	---	---	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	---	---	---	---	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6	---	---	---	---	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	---	---	---	---	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8	---	---	---	---	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9	---	---	---	---	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	---	---	---	---	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11	---	---	---	---	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12	---	---	---	---	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13	---	---	---	---	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14	---	---	---	---	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15	---	---	---	---	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16	---	---	---	---	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17	---	---	---	---	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18	---	---	---	---	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19	---	---	---	---	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20	---	---	---	---	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21	---	---	---	---	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22	---	---	---	---	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23	---	---	---	---	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24	---	---	---	---	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25	---	---	---	---	---	0.0	---	0.0	0.0	0.0	0.0	0.0
26	---	---	---	---	---	0.0	---	5.0	0.0	0.0	5.0	0.0
27	---	---	---	---	---	0.0	---	5.0	5.0	5.0	5.0	5.0
28	---	---	---	---	---	0.0	---	5.0	5.0	5.0	5.0	5.0
29	---	---	---	---	---	0.0	---	5.0	5.0	5.0	5.0	5.0
30	---	---	---	---	---	0.0	---	5.0	5.0	5.0	5.0	5.0
31	---	---	---	---	---	---	---	---	5.0	5.0	---	5.0
TOTAL						0	0	25	25	25	25	25
MEAN						0.0	0.0	0.8	0.8	0.8	0.8	0.8
MAX						0.0	0.0	5.0	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	50	50	50	50	50
IRRIGATION YEAR 1989												
TOTAL			125	MEAN	0	AC-FT	247					

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13211825 LOWER CENTER POINT CANAL
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1988 TO OCTOBER 1989
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	---	---	---	---	---	0.0	30	34	30	24	23	21
2	---	---	---	---	---	0.0	31	35	31	23	24	20
3	---	---	---	---	---	0.0	31	35	32	23	24	19
4	---	---	---	---	---	0.0	31	35	32	23	24	18
5	---	---	---	---	---	0.0	32	35	33	24	25	18
6	---	---	---	---	---	0.0	33	36	33	24	25	18
7	---	---	---	---	---	0.0	34	36	33	24	25	18
8	---	---	---	---	---	0.0	35	36	34	25	26	18
9	---	---	---	---	---	0.0	36	35	34	25	26	17
10	---	---	---	---	---	0.0	37	34	34	25	27	17
11	---	---	---	---	---	0.0	37	34	35	25	27	17
12	---	---	---	---	---	0.0	37	33	35	25	28	17
13	---	---	---	---	---	0.0	36	32	35	26	28	17
14	---	---	---	---	---	0.0	36	31	34	26	28	17
15	---	---	---	---	---	0.0	36	30	34	26	27	4.0
16	---	---	---	---	---	0.0	35	30	33	26	26	0.0
17	---	---	---	---	---	0.0	35	29	32	26	25	0.0
18	---	---	---	---	---	0.0	35	28	32	26	24	0.0
19	---	---	---	---	---	4.5	34	27	31	26	23	0.0
20	---	---	---	---	---	9.0	33	27	31	26	22	0.0
21	---	---	---	---	---	14	33	26	30	26	22	0.0
22	---	---	---	---	---	18	32	26	29	26	22	0.0
23	---	---	---	---	---	23	31	27	29	26	23	0.0
24	---	---	---	---	---	27	30	27	28	26	23	0.0
25	---	---	---	---	---	27	30	28	27	26	23	0.0
26	---	---	---	---	---	28	31	28	26	25	24	0.0
27	---	---	---	---	---	28	31	29	26	25	24	0.0
28	---	---	---	---	---	29	32	29	26	24	24	0.0
29	---	---	---	---	---	29	33	29	25	24	23	0.0
30	---	---	---	---	---	30	33	30	25	23	22	0.0
31	---	---	---	---	---	---	34	---	24	23	---	0.0
TOTAL						264	1033	929	952	770	736	256
MEAN						8.8	33	31	31	25	25	8.2
MAX						30	37	36	35	26	28	21
MIN						0.0	30	26	24	23	22	0.0
AC-FT						524	2049	1842	1888	1526	1459	507
IRRIGATION YEAR 1989			TOTAL	4938	MEAN	14	AC-FT	9794				

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13-NOV-89

13212548 BOWMAN AND SWISHER CANAL
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1988 TO OCTOBER 1989
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	---	---	---	---	---	0.0	6.0	21	15	4.8	8.8	6.0
2	---	---	---	---	---	0.0	7.5	20	15	4.0	8.7	4.0
3	---	---	---	---	---	0.0	9.0	20	14	4.0	8.5	2.0
4	---	---	---	---	---	0.0	9.0	19	14	4.5	8.3	0.0
5	---	---	---	---	---	0.0	9.2	19	13	5.0	8.2	0.0
6	---	---	---	---	---	0.0	9.3	18	13	5.5	8.0	0.0
7	---	---	---	---	---	0.0	9.5	18	12	6.0	8.0	0.0
8	---	---	---	---	---	0.0	9.7	18	11	6.5	8.0	0.0
9	---	---	---	---	---	0.0	9.8	19	10	7.0	8.0	0.0
10	---	---	---	---	---	0.0	10	19	9.0	7.0	8.0	0.0
11	---	---	---	---	---	0.0	10	20	8.0	7.0	8.0	0.0
12	---	---	---	---	---	0.0	11	20	7.0	7.0	8.0	0.0
13	---	---	---	---	---	0.0	11	21	7.0	7.0	8.0	0.0
14	---	---	---	---	---	0.0	12	21	7.3	7.0	8.0	0.0
15	---	---	---	---	---	0.0	12	20	7.7	7.0	7.8	0.0
16	---	---	---	---	---	0.0	13	20	8.0	7.0	7.7	0.0
17	---	---	---	---	---	0.0	13	19	8.3	7.0	7.5	0.0
18	---	---	---	---	---	0.0	13	18	8.7	7.3	7.3	0.0
19	---	---	---	---	---	0.0	14	17	9.0	7.7	7.2	0.0
20	---	---	---	---	---	0.0	14	17	9.0	8.0	7.0	0.0
21	---	---	---	---	---	0.0	15	16	9.0	8.3	7.0	0.0
22	---	---	---	---	---	0.0	16	16	9.0	8.7	7.8	0.0
23	---	---	---	---	---	0.0	16	16	9.0	9.0	8.7	0.0
24	---	---	---	---	---	0.0	17	16	9.0	9.0	9.5	0.0
25	---	---	---	---	---	0.0	17	16	9.0	9.0	10	0.0
26	---	---	---	---	---	0.0	18	16	9.0	9.0	11	0.0
27	---	---	---	---	---	0.0	18	16	9.0	9.0	12	0.0
28	---	---	---	---	---	1.5	19	16	8.2	9.0	12	0.0
29	---	---	---	---	---	3.0	20	16	7.3	9.0	10	0.0
30	---	---	---	---	---	4.5	20	16	6.5	9.0	8.0	0.0
31	---	---	---	---	---	---	21	---	5.7	9.0	---	0.0
TOTAL						9	408	542	296	224	256	12
MEAN						0.3	13	18	9.5	7.2	8.5	0.4
MAX						4.5	21	21	15	9.0	12	6.0
MIN						0.0	6.0	16	5.7	4.0	7.0	0.0
AC-FT						18	808	1075	587	445	507	24
IRRIGATION YEAR 1989												
TOTAL				1746	MEAN	5	AC-FT	3463				

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13-NOV-89

13212645 BAXTER CANAL
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1988 TO OCTOBER 1989
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	---	---	---	---	---	0.0	11	12	11	8.2	8.2	5.5
2	---	---	---	---	---	0.0	11	13	11	8.0	8.3	5.3
3	---	---	---	---	---	0.0	11	13	11	8.0	8.5	5.2
4	---	---	---	---	---	0.0	11	13	10	8.0	8.7	5.0
5	---	---	---	---	---	0.0	11	13	10	8.0	8.8	5.0
6	---	---	---	---	---	0.0	10	14	10	8.0	9.0	5.0
7	---	---	---	---	---	0.0	10	14	9.5	8.0	9.0	5.0
8	---	---	---	---	---	0.0	9.7	14	9.0	8.0	8.7	5.0
9	---	---	---	---	---	0.0	9.3	13	8.5	8.0	8.3	5.0
10	---	---	---	---	---	0.0	9.0	13	8.0	8.0	8.0	5.0
11	---	---	---	---	---	0.0	9.0	12	7.5	8.3	7.7	5.0
12	---	---	---	---	---	0.0	9.2	11	7.0	8.7	7.3	5.0
13	---	---	---	---	---	0.0	9.3	11	7.0	9.0	7.0	5.0
14	---	---	---	---	---	0.0	9.5	10	7.3	9.3	7.0	3.5
15	---	---	---	---	---	0.0	9.7	10	7.7	9.7	7.0	2.0
16	---	---	---	---	---	0.0	9.8	11	8.0	10	7.0	0.0
17	---	---	---	---	---	0.0	10	11	8.3	10	7.0	0.0
18	---	---	---	---	---	0.0	10	11	8.7	10	7.0	0.0
19	---	---	---	---	---	0.0	9.7	11	9.0	10	7.0	0.0
20	---	---	---	---	---	0.0	9.3	12	9.0	10	7.0	0.0
21	---	---	---	---	---	1.8	9.0	12	9.0	10	7.0	0.0
22	---	---	---	---	---	3.7	8.7	12	9.0	10	6.8	0.0
23	---	---	---	---	---	5.5	8.3	12	9.0	10	6.7	0.0
24	---	---	---	---	---	7.3	8.0	12	9.0	10	6.5	0.0
25	---	---	---	---	---	9.2	8.0	12	9.0	9.7	6.3	0.0
26	---	---	---	---	---	11	8.7	12	9.0	9.3	6.2	0.0
27	---	---	---	---	---	11	9.3	12	9.0	9.0	6.0	0.0
28	---	---	---	---	---	11	10	12	8.8	8.7	6.0	0.0
29	---	---	---	---	---	11	11	12	8.7	8.3	5.8	0.0
30	---	---	---	---	---	11	11	12	8.5	8.0	5.7	0.0
31	---	---	---	---	---	---	12	---	8.3	8.0	---	0.0
TOTAL						83	303	362	275	276	220	72
MEAN						2.8	9.8	12	8.9	8.9	7.3	2.3
MAX						11	12	14	11	10	9.0	5.5
MIN						0.0	8.0	10	7.0	8.0	5.7	0.0
AC-FT						164	600	717	546	548	435	142
IRRIGATION YEAR 1989												
TOTAL			1589	MEAN	4	AC-FT	3151					

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13212832 ANDREWS CANAL
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1988 TO OCTOBER 1989
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	---	---	---	---	---	0.0	12	11	12	10	8.2	8.5
2	---	---	---	---	---	0.0	12	11	12	10	8.3	8.0
3	---	---	---	---	---	0.0	12	11	11	10	8.5	7.5
4	---	---	---	---	---	0.0	12	11	11	10	8.7	7.0
5	---	---	---	---	---	0.0	13	11	11	10	8.8	7.0
6	---	---	---	---	---	0.0	13	11	11	10	9.0	5.8
7	---	---	---	---	---	0.0	14	11	11	10	9.0	4.7
8	---	---	---	---	---	0.0	14	11	10	10	9.0	3.5
9	---	---	---	---	---	0.0	15	12	10	10	9.0	2.3
10	---	---	---	---	---	0.0	15	12	9.7	10	9.0	1.2
11	---	---	---	---	---	0.0	15	13	9.3	9.5	9.0	0.0
12	---	---	---	---	---	0.0	15	13	9.0	9.0	9.0	0.0
13	---	---	---	---	---	0.0	14	14	9.0	8.5	9.0	0.0
14	---	---	---	---	---	0.0	14	14	9.0	8.0	9.0	0.0
15	---	---	---	---	---	0.0	14	14	9.0	7.5	9.2	0.0
16	---	---	---	---	---	0.0	13	14	9.0	7.0	9.3	0.0
17	---	---	---	---	---	0.0	13	14	9.0	7.0	9.5	0.0
18	---	---	---	---	---	0.0	13	14	9.0	7.2	9.7	0.0
19	---	---	---	---	---	0.0	13	14	9.0	7.3	9.8	0.0
20	---	---	---	---	---	0.0	13	14	9.0	7.5	10	0.0
21	---	---	---	---	---	2.0	13	14	9.5	7.7	10	0.0
22	---	---	---	---	---	4.0	13	14	10	7.8	10	0.0
23	---	---	---	---	---	6.0	13	14	11	8.0	10	0.0
24	---	---	---	---	---	8.0	13	13	11	8.0	10	0.0
25	---	---	---	---	---	10	13	13	12	8.0	10	0.0
26	---	---	---	---	---	12	13	13	12	8.0	10	0.0
27	---	---	---	---	---	12	12	12	12	8.0	10	0.0
28	---	---	---	---	---	12	12	12	12	8.0	10	0.0
29	---	---	---	---	---	12	12	12	11	8.0	9.5	0.0
30	---	---	---	---	---	12	11	12	11	8.0	9.0	0.0
31	---	---	---	---	---	---	11	---	11	8.0	---	0.0
TOTAL						90	404	377	320	266	280	56
MEAN						3.0	13	13	10	8.6	9.3	1.8
MAX						12	15	14	12	10	10	8.5
MIN						0.0	11	11	9.0	7.0	8.2	0.0
AC-FT						179	800	748	635	528	554	110
IRRIGATION YEAR 1989			TOTAL	1792	MEAN	5	AC-FT	3554				

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13-NOV-89

13212896 MAMMON PUMPS
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1988 TO OCTOBER 1989
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	---	---	---	---	---	0.0	2.5	7.0	6.3	7.0	4.2	0.0
2	---	---	---	---	---	0.0	3.8	7.0	6.0	7.0	3.3	0.0
3	---	---	---	---	---	0.0	5.0	7.0	5.7	7.0	2.5	0.0
4	---	---	---	---	---	0.0	5.0	7.0	5.3	7.0	1.7	0.0
5	---	---	---	---	---	0.0	4.2	7.0	5.0	7.0	0.8	0.0
6	---	---	---	---	---	0.0	3.3	7.0	5.0	7.0	0.0	0.0
7	---	---	---	---	---	0.0	2.5	7.0	5.0	7.0	0.0	0.0
8	---	---	---	---	---	0.0	1.7	7.0	5.0	7.0	0.0	0.0
9	---	---	---	---	---	0.0	0.8	7.0	5.0	7.0	0.0	0.0
10	---	---	---	---	---	0.0	0.0	7.0	5.0	7.0	0.0	0.0
11	---	---	---	---	---	0.0	0.0	7.0	5.0	6.7	0.0	0.0
12	---	---	---	---	---	0.0	1.2	7.0	5.0	6.3	0.0	0.0
13	---	---	---	---	---	0.0	2.3	7.0	5.0	6.0	0.0	0.0
14	---	---	---	---	---	0.0	3.5	7.0	5.3	5.7	0.0	0.0
15	---	---	---	---	---	0.0	4.7	7.0	5.7	5.3	0.8	0.0
16	---	---	---	---	---	0.0	5.8	7.0	6.0	5.0	1.7	0.0
17	---	---	---	---	---	0.0	7.0	7.0	6.3	5.0	2.5	0.0
18	---	---	---	---	---	0.0	7.0	7.0	6.7	5.0	3.3	0.0
19	---	---	---	---	---	0.0	7.0	7.0	7.0	5.0	4.2	0.0
20	---	---	---	---	---	0.0	7.0	7.0	7.0	5.0	5.0	0.0
21	---	---	---	---	---	0.0	7.0	7.0	7.0	5.0	5.0	0.0
22	---	---	---	---	---	0.0	7.0	7.0	7.0	5.0	4.2	0.0
23	---	---	---	---	---	0.0	7.0	7.0	7.0	5.0	3.3	0.0
24	---	---	---	---	---	0.0	7.0	7.0	7.0	5.0	2.5	0.0
25	---	---	---	---	---	0.0	7.0	7.0	7.0	5.0	1.7	0.0
26	---	---	---	---	---	0.0	7.0	7.0	7.0	5.0	0.8	0.0
27	---	---	---	---	---	0.0	7.0	7.0	7.0	5.0	0.0	0.0
28	---	---	---	---	---	0.0	7.0	7.0	7.0	5.0	0.0	0.0
29	---	---	---	---	---	0.0	7.0	7.0	7.0	5.0	0.0	0.0
30	---	---	---	---	---	1.3	7.0	6.7	7.0	5.0	0.0	0.0
31	---	---	---	---	---	---	7.0	---	7.0	5.0	---	0.0
TOTAL						1	151	210	189	180	48	0
MEAN						0.0	4.9	7.0	6.1	5.8	1.6	0.0
MAX						1.3	7.0	7.0	7.0	7.0	5.0	0.0
MIN						0.0	0.0	6.7	5.0	5.0	0.0	0.0
AC-FT						3	300	416	375	357	94	0
IRRIGATION YEAR 1989 TOTAL 779 MEAN 2 AC-FT 1545												

13-NOV-89

13212938 HAAS CANAL
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1988 TO OCTOBER 1989
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	---	---	---	---	---	0.0	7.3	9.4	10	8.7	8.0	8.5
2	---	---	---	---	---	0.0	7.1	9.9	10	9.0	8.0	7.7
3	---	---	---	---	---	0.0	7.0	10	9.7	9.0	8.0	6.8
4	---	---	---	---	---	0.0	7.7	11	9.3	8.7	8.0	6.0
5	---	---	---	---	---	0.0	8.4	11	9.0	8.3	8.0	6.0
6	---	---	---	---	---	0.0	9.1	12	9.0	8.0	8.0	5.0
7	---	---	---	---	---	0.0	9.9	12	9.3	7.7	8.0	4.0
8	---	---	---	---	---	0.0	11	12	9.7	7.3	8.2	3.0
9	---	---	---	---	---	0.0	11	12	10	7.0	8.3	2.0
10	---	---	---	---	---	0.0	12	11	10	7.0	8.5	1.0
11	---	---	---	---	---	0.0	12	11	11	7.5	8.7	0.0
12	---	---	---	---	---	0.0	11	10	11	8.0	8.8	0.0
13	---	---	---	---	---	0.0	11	9.5	11	8.5	9.0	0.0
14	---	---	---	---	---	1.2	10	9.0	11	9.0	9.0	0.0
15	---	---	---	---	---	2.3	9.9	9.0	11	9.5	8.2	0.0
16	---	---	---	---	---	3.5	9.4	9.0	11	10	7.3	0.0
17	---	---	---	---	---	4.7	9.0	9.0	11	10	6.5	0.0
18	---	---	---	---	---	5.8	9.3	9.0	11	10	5.7	0.0
19	---	---	---	---	---	7.0	9.7	9.0	11	10	4.8	0.0
20	---	---	---	---	---	7.1	10	9.0	11	10	4.0	0.0
21	---	---	---	---	---	7.3	10	9.0	10	10	4.0	0.0
22	---	---	---	---	---	7.4	11	9.0	9.7	10	5.2	0.0
23	---	---	---	---	---	7.6	11	9.3	9.0	10	6.3	0.0
24	---	---	---	---	---	7.7	11	9.7	8.3	10	7.5	0.0
25	---	---	---	---	---	7.9	11	10	7.7	9.7	8.7	0.0
26	---	---	---	---	---	8.0	10	10	7.0	9.3	9.8	0.0
27	---	---	---	---	---	7.9	10	11	7.0	9.0	11	0.0
28	---	---	---	---	---	7.7	9.9	11	7.3	8.7	11	0.0
29	---	---	---	---	---	7.6	9.6	11	7.7	8.3	10	0.0
30	---	---	---	---	---	7.4	9.3	11	8.0	8.0	9.3	0.0
31	---	---	---	---	---	---	9.0	---	8.3	8.0	---	0.0
TOTAL						108	303	303	297	274	236	50
MEAN						3.6	9.8	10	9.6	8.8	7.9	1.6
MAX						8.0	12	12	11	10	11	8.5
MIN						0.0	7.0	9.0	7.0	7.0	4.0	0.0
AC-FT						214	602	601	588	544	468	99

IRRIGATION YEAR 1989 TOTAL 1572 MEAN 4 AC-FT 3117

13-NOV-89

13212954 PARMA CANAL
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1988 TO OCTOBER 1989
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	---	---	---	---	---	0.0	30	33	32	27	22	13
2	---	---	---	---	---	0.0	29	32	31	27	22	13
3	---	---	---	---	---	0.0	29	31	30	27	23	13
4	---	---	---	---	---	0.0	28	30	28	27	23	13
5	---	---	---	---	---	0.0	28	29	27	26	24	13
6	---	---	---	---	---	0.0	27	28	27	26	24	13
7	---	---	---	---	---	0.0	27	27	28	25	24	13
8	---	---	---	---	---	0.0	26	27	28	25	24	13
9	---	---	---	---	---	0.0	26	28	29	24	23	13
10	---	---	---	---	---	0.0	25	28	30	24	23	13
11	---	---	---	---	---	0.0	25	29	30	24	23	13
12	---	---	---	---	---	0.0	26	29	31	23	22	13
13	---	---	---	---	---	0.0	26	30	31	23	22	13
14	---	---	---	---	---	4.3	26	30	30	22	22	13
15	---	---	---	---	---	8.7	26	30	29	22	22	3.0
16	---	---	---	---	---	13	27	31	29	21	21	0.0
17	---	---	---	---	---	17	27	31	28	21	21	0.0
18	---	---	---	---	---	22	27	32	27	21	20	0.0
19	---	---	---	---	---	26	28	32	26	22	20	0.0
20	---	---	---	---	---	27	28	33	26	22	19	0.0
21	---	---	---	---	---	27	29	33	26	22	19	0.0
22	---	---	---	---	---	28	29	33	25	23	18	0.0
23	---	---	---	---	---	29	30	33	25	23	17	0.0
24	---	---	---	---	---	30	30	34	25	23	16	0.0
25	---	---	---	---	---	30	30	34	24	22	15	0.0
26	---	---	---	---	---	31	31	34	24	22	14	0.0
27	---	---	---	---	---	31	31	35	24	22	13	0.0
28	---	---	---	---	---	30	32	35	25	22	13	0.0
29	---	---	---	---	---	30	33	35	25	21	13	0.0
30	---	---	---	---	---	30	33	34	26	21	13	0.0
31	---	---	---	---	---	---	34	---	26	21	---	0.0
TOTAL						414	883	938	851	717	592	185
MEAN						14	28	31	27	23	20	6.0
MAX						31	34	35	32	27	24	13
MIN						0.0	25	27	24	21	13	0.0
AC-FT						821	1751	1861	1688	1422	1174	367
IRRIGATION YEAR 1989			TOTAL	4580	MEAN	13	AC-FT	9084				

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13-NOV-89

13212966 ISLAND HIGHLINE CANAL
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1988 TO OCTOBER 1989
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	---	---	---	---	---	0.0	30	37	37	29	26	22
2	---	---	---	---	---	0.0	30	36	38	29	26	22
3	---	---	---	---	---	0.0	30	36	38	29	26	22
4	---	---	---	---	---	0.0	31	35	39	29	26	22
5	---	---	---	---	---	0.0	31	35	39	28	26	22
6	---	---	---	---	---	0.0	32	34	39	28	26	22
7	---	---	---	---	---	0.0	32	34	38	28	26	21
8	---	---	---	---	---	0.0	33	34	38	27	27	21
9	---	---	---	---	---	0.0	33	35	37	27	28	20
10	---	---	---	---	---	0.0	34	35	36	27	29	20
11	---	---	---	---	---	0.0	34	36	36	28	29	19
12	---	---	---	---	---	0.0	35	36	35	28	30	19
13	---	---	---	---	---	0.0	35	37	35	29	31	18
14	---	---	---	---	---	4.5	35	37	35	30	31	18
15	---	---	---	---	---	9.0	35	36	35	30	30	4.0
16	---	---	---	---	---	14	36	36	35	31	30	0.0
17	---	---	---	---	---	18	36	35	35	31	29	0.0
18	---	---	---	---	---	23	36	35	35	31	28	0.0
19	---	---	---	---	---	27	36	34	35	30	28	0.0
20	---	---	---	---	---	27	36	34	35	30	27	0.0
21	---	---	---	---	---	28	35	33	34	30	27	0.0
22	---	---	---	---	---	28	35	33	34	29	26	0.0
23	---	---	---	---	---	29	35	34	33	29	25	0.0
24	---	---	---	---	---	29	35	34	32	29	25	0.0
25	---	---	---	---	---	30	35	35	32	29	24	0.0
26	---	---	---	---	---	30	35	35	31	28	23	0.0
27	---	---	---	---	---	30	36	36	31	28	22	0.0
28	---	---	---	---	---	30	36	36	31	27	22	0.0
29	---	---	---	---	---	30	36	36	30	27	22	0.0
30	---	---	---	---	---	30	37	37	30	26	22	0.0
31	---	---	---	---	---	---	37	---	30	26	---	0.0
TOTAL						414	1062	1053	1077	886	796	292
MEAN						14	34	35	35	29	27	9.4
MAX						30	37	37	39	31	31	22
MIN						0.0	30	33	30	26	22	0.0
AC-FT						821	2106	2088	2136	1757	1579	579
IRRIGATION YEAR 1989			TOTAL	5579	MEAN	15	AC-FT	11065				

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13-NOV-89

13212992 CRAWFORTH PUMPS
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1988 TO OCTOBER 1989
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	---	---	---	---	---	0.0	0.8	0.8	0.8	0.8	0.8	0.0
2	---	---	---	---	---	0.0	0.8	0.8	0.8	0.8	0.8	0.0
3	---	---	---	---	---	0.0	0.8	0.8	0.8	0.8	0.8	0.0
4	---	---	---	---	---	0.0	0.8	0.8	0.8	0.8	0.8	0.0
5	---	---	---	---	---	0.0	0.8	0.8	0.8	0.8	0.8	0.0
6	---	---	---	---	---	0.0	0.8	0.8	0.8	0.8	0.8	0.0
7	---	---	---	---	---	0.0	0.8	0.8	0.8	0.8	0.8	0.0
8	---	---	---	---	---	0.0	0.8	0.8	0.8	0.8	0.8	0.0
9	---	---	---	---	---	0.0	0.8	0.8	0.8	0.8	0.8	0.0
10	---	---	---	---	---	0.0	0.8	0.8	0.8	0.8	0.8	0.0
11	---	---	---	---	---	0.0	0.8	0.8	0.8	0.8	0.8	0.0
12	---	---	---	---	---	0.0	0.8	0.8	0.8	0.8	0.8	0.0
13	---	---	---	---	---	0.0	0.8	0.8	0.8	0.8	0.8	0.0
14	---	---	---	---	---	0.0	0.8	0.8	0.8	0.8	0.8	0.0
15	---	---	---	---	---	0.0	0.8	0.8	0.8	0.8	0.8	0.0
16	---	---	---	---	---	0.0	0.8	0.8	0.8	0.8	0.8	---
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	0
MEAN						0.0	0.8	0.8	0.8	0.8	0.8	0.0
MAX						0.0	0.8	0.8	0.8	0.8	0.8	0.0
MIN						0.0	0.8	0.8	0.8	0.8	0.8	0.0
AC-FT						0	49	48	49	49	48	0
IRRIGATION YEAR 1989												
TOTAL				122	MEAN	0	AC-FT	242				

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13-NOV-89

13212994 MCCONNEL ISLAND CANAL
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1988 TO OCTOBER 1989
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	---	---	---	---	---	0.0	35	43	42	27	26	21
2	---	---	---	---	---	0.0	35	43	43	26	25	20
3	---	---	---	---	---	0.0	36	44	43	26	25	19
4	---	---	---	---	---	0.0	35	45	44	26	25	18
5	---	---	---	---	---	0.0	34	46	44	26	24	18
6	---	---	---	---	---	0.0	33	46	44	26	24	18
7	---	---	---	---	---	0.0	32	47	43	25	24	18
8	---	---	---	---	---	0.0	31	47	42	25	25	18
9	---	---	---	---	---	0.0	30	46	41	25	26	18
10	---	---	---	---	---	0.0	29	44	39	25	27	17
11	---	---	---	---	---	0.0	30	43	38	26	28	17
12	---	---	---	---	---	0.0	30	41	37	26	29	17
13	---	---	---	---	---	0.0	31	40	37	27	30	17
14	---	---	---	---	---	4.3	31	38	37	28	30	17
15	---	---	---	---	---	8.7	32	37	36	28	29	5.0
16	---	---	---	---	---	13	32	36	36	29	28	0.0
17	---	---	---	---	---	17	33	35	36	29	28	0.0
18	---	---	---	---	---	22	33	35	35	29	27	0.0
19	---	---	---	---	---	26	34	34	35	30	26	0.0
20	---	---	---	---	---	26	34	33	35	30	25	0.0
21	---	---	---	---	---	27	34	32	34	30	25	0.0
22	---	---	---	---	---	28	34	32	34	31	25	0.0
23	---	---	---	---	---	29	35	34	33	31	24	0.0
24	---	---	---	---	---	29	35	35	32	31	24	0.0
25	---	---	---	---	---	30	35	37	32	30	24	0.0
26	---	---	---	---	---	31	36	38	31	29	23	0.0
27	---	---	---	---	---	32	37	40	31	29	23	0.0
28	---	---	---	---	---	32	39	41	30	28	23	0.0
29	---	---	---	---	---	33	40	41	29	27	22	0.0
30	---	---	---	---	---	34	41	42	29	26	21	0.0
31	---	---	---	---	---	---	42	---	28	26	---	0.0
TOTAL						422	1057	1192	1128	856	765	257
MEAN						14	34	40	36	28	26	8.3
MAX						34	42	47	44	31	30	21
MIN						0.0	29	32	28	25	21	0.0
AC-FT						836	2097	2363	2238	1697	1517	510
IRRIGATION YEAR 1989			TOTAL	5677	MEAN	16	AC-FT	11259				

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STREAM FLOW MEASURING STATIONS

PRELIMINARY DATA

20-FEB-90

13185000 BOISE RIVER NEAR TWIN SPRINGS
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1988 TO OCTOBER 1989
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	245	259	376	356	508	1058	2118	2073	1243	395	327	364
2	259	256	350	334	524	1072	2261	2387	1161	389	320	369
3	488	360	348	297	484	1014	2285	2755	1089	391	317	382
4	501	328	350	270	407	945	2522	2820	1037	386	316	357
5	357	309	328	218	438	907	2815	2886	988	378	314	344
6	352	374	326	231	455	1155	3064	3207	934	371	311	336
7	396	405	307	241	516	1819	3985	3602	875	363	314	331
8	336	354	288	250	657	2761	5121	3726	833	359	315	328
9	316	363	308	275	962	2580	5407	3677	804	372	315	325
10	316	383	388	416	1266	2333	5708	3325	772	366	312	323
11	319	358	339	360	1494	2292	5438	3112	734	362	311	319
12	320	338	319	361	1802	2415	4554	2894	718	351	308	317
13	324	343	311	357	1708	2624	3809	2921	765	374	307	316
14	365	328	348	325	1349	2862	3313	2720	690	349	304	314
15	315	241	331	288	1062	3181	2996	2890	653	336	301	314
16	305	148	318	295	949	3695	2851	3149	638	329	298	314
17	333	158	317	332	924	3841	2834	2693	647	328	323	316
18	309	264	318	339	846	3675	3065	2338	608	324	474	317
19	290	351	315	339	870	4429	2839	2264	575	325	381	316
20	288	391	300	307	832	4980	2552	2135	548	327	344	316
21	316	388	304	307	843	5236	2437	1855	529	328	330	322
22	346	358	344	320	839	5502	2506	1656	517	323	324	439
23	627	345	332	399	844	4271	2777	1586	495	321	318	436
24	627	323	277	459	874	3420	2600	1448	474	345	314	453
25	471	320	229	520	1006	2967	2322	1433	463	400	310	424
26	404	272	232	587	1284	2528	2091	1373	450	398	306	394
27	337	216	267	597	1305	2283	1944	1382	448	364	310	396
28	372	226	284	551	1249	2118	1937	1367	446	350	310	401
29	371	255	374	---	1352	1956	1908	1335	426	340	306	358
30	318	364	406	---	1166	1973	1878	1298	411	330	312	342
31	---	413	360	---	1133	---	1926	---	402	327	---	365
TOTAL	10920	9790	9994	9930	29947	81891	93864	72306	21370	11000	9651	10949
MEAN	364	316	322	355	966	2730	3028	2410	689	355	322	353
MAX	627	413	406	597	1802	5502	5708	3726	1243	400	474	453
MIN	245	148	229	218	407	907	1878	1298	402	321	298	314
AC-FT	21660	19418	19823	19696	59401	162430	186178	143419	42388	21818	19142	21716

IRRIGATION YEAR 1989 TOTAL 371610 MEAN 1018 AC-FT 737089

PRELIMINARY DATA

20-FEB-90

13186000 SOUTH FORK BOISE RIVER NR FEATHERVILLE
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1988 TO OCTOBER 1989
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	141	187	182	200	194	485	1338	1556	768	321	177	195
2	148	175	197	190	205	498	1435	1763	729	316	174	202
3	208	183	200	185	204	467	1527	2056	692	316	172	227
4	231	192	200	176	183	439	1629	2089	667	314	172	227
5	191	182	202	173	183	452	1811	2130	642	307	170	216
6	186	197	200	172	207	641	2033	2255	610	299	168	204
7	191	210	200	172	217	1068	2715	2519	585	294	173	199
8	172	197	198	173	230	1712	3473	2636	561	291	171	196
9	163	204	198	174	345	1665	3648	2626	543	296	170	193
10	166	211	201	180	414	1467	4019	2378	521	289	173	190
11	167	197	202	200	481	1409	3898	2178	510	279	172	187
12	163	201	202	200	577	1539	3308	2004	508	277	171	185
13	161	208	199	200	654	1734	2822	1965	513	277	169	185
14	177	201	201	200	558	1922	2429	1839	505	261	167	183
15	156	168	201	200	452	2147	2129	1903	497	228	165	183
16	162	163	201	200	432	2476	1971	2063	490	205	163	183
17	173	162	202	195	405	2507	1955	1753	482	203	182	185
18	164	165	201	182	367	2667	2122	1537	468	201	230	185
19	151	166	201	182	358	3162	1981	1456	449	206	206	185
20	149	175	188	181	335	3505	1806	1365	432	207	190	185
21	166	214	177	178	348	3711	1745	1210	418	200	181	185
22	182	212	197	183	354	3717	1821	1098	415	194	177	198
23	274	207	194	200	369	2982	2027	1050	406	193	173	204
24	286	202	176	201	404	2388	1872	967	386	205	169	242
25	223	201	164	200	460	1997	1759	946	375	222	168	246
26	210	196	163	201	527	1638	1627	890	363	220	167	229
27	200	177	163	201	555	1435	1517	874	367	203	175	226
28	204	176	163	197	539	1336	1514	862	359	193	174	221
29	209	176	165	---	540	1237	1482	830	343	186	170	198
30	199	176	168	---	495	1247	1449	802	329	182	175	197
31	---	177	200	---	509	---	1477	---	323	178	---	209
TOTAL	5571	5858	5908	5292	12099	53650	66336	49598	15252	7563	5261	6247
MEAN	186	189	191	189	390	1788	2140	1653	492	244	175	202
MAX	286	214	202	201	654	3717	4019	2636	768	321	230	246
MIN	141	162	163	172	183	439	1338	802	323	178	163	183
AC-FT	11049	11618	11719	10497	23998	106414	131578	98377	30252	15002	10435	12391
IRRIGATION YEAR 1989			TOTAL	238633	MEAN	654	AC-FT	473329				

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PRELIMINARY DATA

20-FEB-90

11190500 SOUTH FORK BOISE RIVER AT ANDERSON RANCH DAM
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1988 TO OCTOBER 1989
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	306	299	306	303	297	591	599	1552	1598	1590	1587	301
2	308	299	306	303	301	605	602	1547	1598	1595	1584	303
3	307	299	306	303	297	605	602	1552	1597	1602	1594	296
4	303	299	306	304	296	607	601	1552	1597	1600	1594	302
5	303	299	307	300	301	603	604	1013	1595	1596	1054	299
6	303	297	307	295	302	605	601	794	1596	1597	814	299
7	301	297	306	298	303	606	602	589	1635	1594	611	298
8	300	299	306	303	306	605	602	573	1595	1594	599	297
9	302	297	307	303	306	604	605	591	1595	1595	602	295
10	303	298	303	305	303	602	609	605	1595	1598	602	300
11	303	299	304	303	304	604	606	604	1594	1591	599	303
12	303	299	306	303	307	604	604	604	1591	1600	602	303
13	303	299	306	304	303	602	602	604	1596	1594	603	297
14	301	300	306	303	301	599	603	604	1590	1600	603	292
15	301	302	304	302	302	602	603	605	1592	1602	603	290
16	299	303	303	301	303	606	604	608	1590	1599	599	298
17	299	302	304	303	303	602	604	601	1514	1590	599	302
18	299	302	302	302	303	603	604	600	1590	1595	604	297
19	300	302	301	301	303	599	608	603	1591	1598	604	296
20	300	302	303	300	302	601	604	603	1582	1595	602	295
21	301	303	304	300	302	605	604	605	1594	1592	599	295
22	302	303	304	300	304	606	1102	602	1595	1594	598	295
23	304	303	304	299	304	605	1590	603	1587	1594	595	297
24	306	303	305	299	308	606	1560	604	1561	1598	328	298
25	298	303	307	303	303	606	1551	603	1600	1599	305	299
26	297	303	304	303	304	603	1548	599	1588	1594	306	300
27	297	303	301	300	304	607	1547	618	1584	1590	304	302
28	298	305	305	295	304	603	1544	966	1595	1585	299	299
29	297	306	306	---	303	604	1544	1231	1590	1587	297	299
30	296	306	303	---	303	601	1545	1585	1589	1590	299	297
31	---	306	303	---	303	---	1546	---	1592	1590	---	299
TOTAL	9037	9337	9445	8436	9383	18099	27749	24418	49305	49436	20584	9242
MEAN	301	301	305	301	303	603	895	814	1590	1595	686	298
MAX	308	306	307	305	308	607	1590	1585	1635	1602	1594	303
MIN	296	297	301	295	296	591	599	573	1514	1585	297	290
AC-FT	17924	18519	18734	16733	18610	35900	55040	48433	97796	98056	40829	18332
IRRIGATION YEAR 1989			TOTAL	244470	MEAN	670	AC-FT	484905				

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PRELIMINARY DATA

20-FEB-90

13194100 BOISE RIVER AT ARROWROCK DAM
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1988 TO OCTOBER 1989
MEAN VALUES

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DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	158	101	142	177	781	860	7938	4143	4149	3525	2510	649
2	161	102	144	178	782	869	6009	4144	4098	3125	2510	483
3	163	102	145	179	785	878	5382	4148	4047	2870	2510	711
4	165	103	147	180	787	884	5050	4157	3990	2745	2510	739
5	167	103	147	180	790	890	5016	4165	4316	2710	2345	724
6	169	104	148	181	916	896	4994	4175	4483	2685	1614	683
7	171	104	149	181	994	906	4982	4183	4410	2590	1378	794
8	172	104	150	182	998	920	4474	4190	4312	2490	1425	781
9	115	103	152	183	1002	933	4214	4197	4179	2495	1425	756
10	86	105	154	186	1020	550	3720	4203	4447	2590	1425	711
11	87	109	156	185	1030	0.0	3475	4200	4496	2635	1403	711
12	88	110	157	186	1043	0.0	3509	4190	4336	2575	1380	607
13	89	111	158	187	1056	0.0	3526	4180	4188	2510	821	429
14	90	114	159	188	1876	1660	3522	4168	4250	2490	918	444
15	91	117	160	189	2660	2457	3569	4160	4110	2491	970	465
16	92	118	161	190	2546	3348	3858	4158	3932	2395	1008	470
17	93	120	162	191	2535	4472	4015	4143	4136	2385	1035	488
18	93	121	163	191	2530	5646	4010	4118	4512	2465	1089	495
19	93	123	164	192	2525	5961	4000	4409	4527	2465	1148	570
20	94	124	165	193	2518	6068	3990	4863	4425	2460	1167	514
21	95	126	166	194	2511	6230	3984	4836	4464	2445	1163	551
22	95	128	167	195	2502	6300	5952	4524	4413	2405	1158	533
23	96	130	168	197	2495	6000	6971	4266	4272	2415	1070	573
24	96	131	170	436	2493	7333	6896	4205	4147	2460	1082	584
25	97	131	171	773	2494	9390	6821	4142	4019	2480	1034	594
26	98	135	171	776	2495	9792	5160	4076	4332	2490	898	601
27	99	136	172	777	2500	9583	4195	4007	4914	2490	670	608
28	100	137	173	779	2505	9366	4190	3941	4701	2555	616	615
29	100	139	174	---	1535	9150	4180	3886	4352	2590	595	622
30	101	140	175	---	847	8920	4170	4081	4576	2540	734	365
31	---	141	176	---	854	---	4153	---	4037	2510	---	0.0
TOTAL	3414	3672	4966	7826	52405	120262	145925	126258	133570	80076	39611	17870
MEAN	114	118	160	280	1690	4009	4707	4209	4309	2583	1320	576
MAX	172	141	176	779	2660	9792	7938	4863	4914	3525	2510	794
MIN	86	101	142	177	781	0.0	3475	3886	3932	2385	595	0.0
AC-FT	6772	7283	9850	15523	103945	238540	289442	250433	264936	158831	78568	35445

IRRIGATION YEAR 1989 TOTAL 735855 MEAN 2016 AC-FT 1459568

PRELIMINARY DATA

20-FEB-90

13200000 MORES CREEK ABOVE ROBIE CREEK
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1988 TO OCTOBER 1989
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	32	65	270	291	209	884	715	356	98	34	29	42
2	36	89	255	280	233	955	724	360	94	33	29	47
3	90	110	252	268	208	887	713	376	87	34	28	54
4	114	99	249	255	179	840	711	381	82	34	28	51
5	75	101	248	254	191	808	730	376	77	35	28	47
6	67	94	259	254	189	1054	750	350	72	33	27	45
7	70	98	252	254	242	1503	858	343	67	31	29	44
8	65	89	240	254	335	1906	981	341	63	30	28	43
9	59	83	288	254	441	1936	989	334	60	33	27	43
10	64	81	479	258	469	1689	1014	318	57	35	26	43
11	66	77	509	264	588	1573	938	300	54	32	26	42
12	70	75	464	263	739	1556	837	282	52	31	26	41
13	79	74	430	260	757	1606	788	270	55	33	26	39
14	91	70	410	252	611	1641	---	256	57	31	26	38
15	78	49	400	247	499	1731	629	245	55	29	25	38
16	68	83	394	244	448	1936	625	244	52	29	25	39
17	76	135	369	257	460	1844	592	228	50	28	28	40
18	69	148	336	303	422	1718	602	206	49	27	46	41
19	61	159	308	353	490	1868	563	190	46	26	53	41
20	67	165	286	349	476	1901	522	181	43	26	44	42
21	62	165	285	356	493	1798	500	172	53	26	40	49
22	83	159	278	348	506	1760	490	162	56	27	36	94
23	202	205	245	385	529	1434	490	162	53	29	34	95
24	189	203	179	304	569	1188	472	149	50	34	32	87
25	130	204	174	263	873	1068	444	140	47	42	32	83
26	102	201	209	258	1228	938	416	131	46	45	32	71
27	77	171	231	242	1114	842	397	125	46	40	31	75
28	95	170	235	226	1099	786	397	121	44	36	32	84
29	91	174	245	---	1338	707	384	114	41	34	32	71
30	68	201	258	---	1033	700	368	104	38	31	34	63
31	---	265	276	---	944	---	359	---	36	29	---	62
TOTAL	2496	4060	9314	7795	17910	41055	18993	7315	1775	997	938	1690
MEAN	83	131	300	278	578	1368	633	244	57	32	31	55
MAX	202	265	509	385	1338	1936	1014	381	98	45	53	95
MIN	32	49	174	226	179	700	359	104	36	26	25	38
AC-FT	4950	8053	18475	15462	35524	81432	37673	14510	3521	1978	1861	3352

IRRIGATION YEAR 1989 TOTAL 114339 MEAN 313 AC-FT 226791

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PRELIMINARY DATA

20-FEB-90

13203600 BOISE RIVER BELOW DIVERSION DAM NR BOISE
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1988 TO OCTOBER 1989
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	139	149	144	152	157	154	3677	1706	1902	1774	1257	877
2	140	149	147	151	157	154	3705	1674	1902	1776	1261	597
3	140	149	149	151	146	154	3230	1673	1876	1776	1259	395
4	139	150	151	239	152	150	2814	1669	1860	1775	1263	354
5	139	151	151	149	161	160	2822	1689	1859	1773	1266	326
6	137	151	151	176	169	176	2825	1708	1860	1778	1270	326
7	138	151	152	151	157	172	2830	1733	1860	1758	1260	319
8	138	151	160	150	150	161	2816	1733	1860	1745	1260	313
9	136	151	148	144	152	153	2676	1727	1865	1743	1266	314
10	137	151	147	149	154	161	2351	1722	1863	1727	1267	313
11	136	152	146	150	164	182	2158	1719	1863	1720	1271	324
12	137	154	146	151	169	751	2107	1725	1870	1736	1272	327
13	136	155	147	148	161	1215	2074	1735	1865	1729	1271	253
14	136	148	149	146	164	1778	2074	1855	1870	1721	1255	223
15	136	152	149	146	152	2025	2009	1887	1870	1706	1239	226
16	136	162	149	146	152	3063	1888	1890	1871	1704	1234	227
17	139	159	149	148	158	4219	1834	1897	1847	1698	1224	221
18	146	156	159	149	165	5672	1825	1890	1797	1676	1202	214
19	153	152	154	149	169	5905	1784	1900	1766	1666	1160	205
20	159	147	152	149	164	6082	1791	1911	1762	1666	1142	182
21	159	149	153	154	168	6463	1792	1896	1756	1666	1136	175
22	159	149	154	151	164	6483	1801	1865	1755	1658	1087	173
23	159	149	154	152	160	6729	1792	1861	1759	1619	1067	172
24	157	150	153	146	160	6729	1799	1839	1760	1540	1065	176
25	158	151	154	151	162	6874	1803	1898	1762	1432	1064	178
26	159	151	157	153	160	6787	1809	1880	1764	1353	1067	177
27	158	149	154	160	161	6752	1806	1891	1763	1331	1037	174
28	159	147	154	157	150	6673	1796	1910	1763	1335	973	169
29	158	189	155	---	145	5808	1789	1910	1769	1311	905	167
30	153	145	157	---	148	4419	1756	1902	1769	1297	881	167
31	---	144	155	---	152	---	1727	---	1774	1273	---	168
TOTAL	4378	4715	4699	4317	4900	96205	68961	54295	56481	50464	35177	8428
MEAN	146	152	152	154	158	3207	2225	1810	1822	1628	1173	272
MAX	159	189	160	239	169	6874	3705	1911	1902	1778	1272	877
MIN	136	144	144	144	145	150	1727	1669	1755	1273	881	167
AC-FT	8683	9351	9321	8563	9718	190822	136784	107694	112029	100095	69774	16717
IRRIGATION YEAR 1989			TOTAL	393018	MEAN	1077	AC-FT	779551				

PRELIMINARY DATA

20-FEB-90

13206000 BOISE RIVER AT GLENWOOD BRIDGE
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1988 TO OCTOBER 1989
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	165	179	163	166	225	302	2852	933	912	880	522	397
2	182	173	168	165	286	298	2740	871	913	883	522	422
3	190	172	170	165	223	288	2327	873	906	876	522	384
4	173	170	172	160	217	276	1758	880	880	883	522	359
5	170	178	174	176	227	269	1863	891	879	883	527	318
6	176	173	175	183	259	285	1870	925	878	895	532	280
7	168	171	169	194	251	285	1887	911	879	910	528	293
8	178	172	173	228	246	274	1887	898	876	896	526	272
9	169	170	181	215	276	261	1777	897	878	892	537	271
10	179	170	209	167	287	239	1541	883	874	880	534	271
11	171	168	189	164	290	264	1271	880	897	865	547	275
12	181	170	182	166	288	552	1252	887	888	871	556	305
13	180	172	181	166	288	1042	1168	897	896	873	554	251
14	178	172	180	164	267	1534	1154	888	893	863	552	165
15	171	160	179	164	243	2122	1104	879	899	838	541	211
16	171	179	182	166	221	2721	994	899	893	827	538	241
17	196	180	183	218	223	3552	951	895	888	824	590	233
18	187	175	185	197	227	5007	908	884	869	806	547	224
19	183	174	184	238	278	5399	921	893	854	804	515	214
20	180	163	173	210	241	5775	964	900	862	793	490	201
21	187	173	173	201	259	6040	952	901	873	798	494	203
22	212	170	178	223	254	6133	955	882	865	795	497	217
23	202	168	173	257	249	6131	941	878	865	782	503	200
24	194	166	166	250	247	5965	942	869	866	726	503	211
25	190	164	166	232	309	5939	940	895	863	635	502	206
26	189	163	167	239	285	6111	974	892	869	592	515	219
27	184	160	170	227	282	6054	963	900	871	560	507	219
28	208	160	169	242	292	5975	961	917	873	570	465	218
29	189	153	170	---	280	5213	961	914	875	576	409	212
30	185	176	174	---	268	3824	938	910	877	557	384	214
31	---	165	172	---	322	---	909	---	879	536	---	202
TOTAL	5488	5258	5450	5542	8111	88128	41624	26819	27290	24369	15478	7905
MEAN	183	170	176	198	262	2938	1343	894	880	786	516	255
MAX	212	180	209	257	322	6133	2852	933	913	910	590	422
MIN	165	153	163	160	217	239	908	869	854	536	384	165
AC-FT	10886	10428	10810	10993	16087	174802	82562	53195	54129	48336	30700	15680
IRRIGATION YEAR 1989			TOTAL	261462	MEAN	716	AC-FT	518609				

PRELIMINARY DATA

20-FEB-90

13210050 BOISE RIVER NR MIDDLETON
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1988 TO OCTOBER 1989
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	233	312	265	242	344	464	---	244	187	183	231	294
2	272	304	261	240	401	449	---	170	192	185	203	305
3	333	299	266	233	408	429	---	144	194	189	193	315
4	320	297	268	231	343	407	---	139	163	185	200	242
5	291	299	273	219	340	396	---	140	163	191	201	164
6	292	307	284	253	386	399	---	---	170	190	204	209
7	292	306	272	260	406	401	---	170	178	190	224	96
8	298	300	278	267	410	397	---	175	172	193	219	215
9	301	293	294	284	437	389	---	164	174	183	220	209
10	295	284	313	308	469	345	---	147	193	204	211	209
11	304	287	310	300	449	329	---	146	184	199	215	209
12	289	290	279	286	440	355	---	147	173	199	225	208
13	317	289	271	278	427	683	---	157	198	209	223	208
14	322	288	270	258	414	---	---	162	182	217	233	207
15	311	286	266	241	374	---	---	155	192	212	232	207
16	296	285	262	230	345	---	---	166	198	198	233	206
17	312	284	271	269	333	---	350	175	205	204	271	206
18	326	283	271	282	327	---	350	171	191	205	316	206
19	316	282	270	313	358	---	350	167	172	198	299	205
20	310	280	266	320	369	---	350	171	175	200	287	205
21	307	279	258	301	349	---	350	178	183	203	287	204
22	345	278	261	309	378	---	350	175	180	213	279	204
23	362	277	256	422	360	---	350	165	177	215	277	203
24	347	276	247	418	354	---	350	157	180	234	279	203
25	342	274	262	392	402	---	357	151	194	243	269	203
26	332	273	292	385	473	---	408	158	191	248	277	202
27	321	272	289	368	426	---	327	165	186	220	281	202
28	337	315	301	361	423	---	---	156	185	219	302	201
29	343	304	310	---	440	---	---	175	182	255	317	201
30	317	307	269	---	416	---	---	181	187	254	284	200
31	---	288	247	---	443	---	---	---	186	254	---	200
TOTAL	9385	8996	8500	8271	12242	5442	3892	4768	5684	6492	7493	6547
MEAN	313	290	274	295	395	419	354	164	183	209	250	211
MAX	362	315	313	422	473	683	408	244	205	255	317	315
MIN	233	272	247	219	327	329	327	139	163	183	193	96
AC-FT	18614	17843	16860	16406	24283	10795	7721	9458	11275	12876	14862	12986
IRRIGATION YEAR 1989 TOTAL 87713 MEAN 240 AC-FT 173977												

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PRELIMINARY DATA

20-FEB-90

13213000 BOISE RIVER PARMA
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1988 TO OCTOBER 1989
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	767	818	682	664	1036	1219	3613	908	548	571	934	1109
2	781	807	666	652	972	1095	2898	908	568	571	869	1179
3	838	797	670	636	972	1051	2723	908	630	571	864	1259
4	841	780	671	613	972	997	1730	908	606	571	891	1112
5	803	774	679	628	972	966	1286	908	547	571	870	1012
6	790	777	704	586	972	947	1241	790	497	571	848	946
7	781	779	680	579	972	932	1234	570	503	571	867	922
8	803	769	673	572	1000	914	1292	567	487	571	881	922
9	815	768	700	565	1246	906	1254	524	480	571	879	892
10	838	768	723	559	1261	826	1220	503	554	571	827	874
11	836	759	755	552	1164	748	977	481	563	602	847	866
12	813	757	735	545	1094	730	856	546	549	596	860	849
13	830	757	716	538	1035	924	861	486	588	624	857	847
14	887	757	711	530	1062	1369	840	499	610	654	847	963
15	843	751	701	518	1023	2081	833	473	620	654	842	841
16	815	731	695	513	980	2809	765	550	768	635	850	873
17	829	734	702	548	955	2995	629	626	811	655	960	918
18	849	741	708	628	912	2995	610	609	1014	674	1421	909
19	825	741	706	665	924	4600	729	616	780	629	1400	911
20	819	731	705	835	1002	6327	749	562	633	670	1315	1038
21	812	717	690	810	928	6372	770	572	550	725	1230	1035
22	875	717	698	763	985	6463	770	617	506	739	1205	1036
23	902	717	695	1263	950	6612	730	649	496	773	1221	1025
24	861	707	666	1454	934	6535	754	604	499	926	1184	1020
25	848	705	654	1226	969	6369	796	551	492	1128	1168	1029
26	850	688	659	1084	1178	6463	847	550	461	1169	1134	1034
27	823	653	683	1084	1047	6400	899	532	464	1134	1079	1011
28	830	663	743	1084	1020	6272	908	513	478	1087	1032	1020
29	860	709	663	---	1085	6152	908	524	540	1073	1020	999
30	828	753	671	---	1013	5093	908	501	567	1050	967	1007
31	---	708	663	---	1030	---	908	---	570	994	---	1006
TOTAL	24889	23033	21465	20694	31663	98161	35537	18554	17977	22901	30165	30463
MEAN	830	743	692	739	1021	3272	1146	618	580	739	1006	983
MAX	902	818	755	1454	1261	6612	3613	908	1014	1169	1421	1259
MIN	767	653	654	513	912	730	610	473	461	571	827	841
AC-FT	49367	45687	42575	41046	62804	194703	70488	36803	35657	45424	59833	60424
IRRIGATION YEAR 1989			TOTAL	375504	MEAN	1029	AC-FT	744811				

RESERVOIRS

PRELIMINARY DATA

20-FEB-90

13190000 ANDERSON RANCH RESERVOIR
 CONTENTS IN ACRE FEET, IRRIGATION YEAR NOVEMBER 1988 TO OCTOBER 1989

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	97005	95479	92768	90685	88643	109935	238173	354445	412485	343433	260405	234160
2	96845	95361	92711	90641	88826	110473	241378	355364	410861	340708	257654	234052
3	96386	95228	92654	90557	88826	110834	245307	357196	409215	338067	254852	234029
4	96571	95069	92538	90385	88910	111121	248967	358805	407416	335411	252106	234029
5	96571	94951	92609	90138	88910	112002	253069	361620	405649	332738	250081	233921
6	96458	94777	92609	89941	88954	113104	257751	365007	403801	330066	248863	233851
7	96504	94818	92498	89724	88979	115673	263702	369367	401777	328041	248028	233759
8	95930	94777	92498	89571	89220	120209	271295	373863	399806	325463	247195	233628
9	95858	94777	92296	89373	89699	124578	279426	378318	397738	322866	246386	233520
10	95889	94777	92382	89373	90399	128184	288309	382272	395659	320249	245585	233412
11	95889	94777	92367	89304	91258	131765	296902	385841	393571	317687	244762	233211
12	95914	94777	92321	89260	92452	135610	304054	388980	391528	314803	243930	233049
13	95771	94454	92276	89151	93890	139984	310125	392073	389449	312221	243066	232910
14	95797	94408	92208	89063	94997	144616	315371	394917	387204	309496	242234	232702
15	95638	94249	92140	88954	95725	149953	319977	397738	385039	306706	241449	232610
16	95612	94021	92071	88826	96571	156175	324674	401035	382714	303975	240561	232363
17	95592	93734	92003	88801	97237	162321	328688	402603	380526	301222	240004	232162
18	95453	93532	91978	88826	97697	168849	333259	405798	378287	298506	239383	231993
19	95433	93416	91933	88688	98296	176433	337091	407639	375942	295611	238692	231831
20	95156	93461	91805	88643	98725	184921	340670	408192	373600	293007	237940	231615
21	95084	93502	91697	88604	99308	193663	344100	410613	371188	290231	237149	231545
22	95289	93663	91608	88604	99767	202467	346748	411829	368836	287347	236405	231453
23	95592	93643	91519	88629	100377	209453	348715	412947	366412	284771	235622	231322
24	95653	93618	91430	88629	101182	215206	350264	413851	363894	282076	235382	231345
25	95684	93598	91233	88629	102151	219754	351572	414793	361414	279426	235181	231484
26	95817	93502	91036	88629	103326	223427	352375	415388	358835	276779	234909	231383
27	95817	93285	90863	88643	104670	226690	352917	416200	356327	274124	234801	231484
28	95817	93058	90794	88643	105930	229808	353420	416103	353836	271395	234669	231383
29	95817	92896	90710	----	107199	232502	353807	415388	351264	268685	234492	231383
30	95653	92881	90710	----	108274	235181	354174	413981	348677	265876	234291	231123
31	----	92824	90641	----	109501	----	354387	----	345996	263122	----	231016
MAX	97005	95479	92768	90685	109501	235181	354387	416200	412485	343433	260405	234160
MIN	95084	92824	90641	88604	88643	109935	238173	354445	345996	263122	234291	231016
CHNG		-2829	-2183	-1998	20858	125680	119206	59594	-67985	-82874	-28831	-3275

PRELIMINARY DATA

20-FEB-90

13194000 ARROWROCK RESERVOIR
 CONTENTS IN ACRE FEET, IRRIGATION YEAR NOVEMBER 1988 TO OCTOBER 1989

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	29186	68927	105425	140521	168736	202647	202025	186166	137823	20645	4886	6851
2	30240	69959	106565	141623	169415	206347	197015	186395	135241	18765	4886	7015
3	31729	71233	107664	142562	170101	209800	193384	187407	132618	17398	4886	7217
4	33217	72454	108726	142718	170783	212846	190480	187985	130000	16618	4886	7343
5	34390	73587	109949	144097	171465	215871	188307	188970	126522	15844	4500	7388
6	35485	74847	111066	144776	171994	217250	186672	189299	122732	15063	5091	7363
7	36682	76318	112074	145560	172393	225905	186965	189957	120814	13916	5357	7338
8	37688	77638	113114	146398	173470	232643	189739	190656	115937	13181	5357	7313
9	39060	78973	114337	148142	176184	239355	194947	191326	111227	12721	5357	7313
10	40361	80325	115809	150036	179692	246325	200968	191347	108114	12490	5357	7313
11	41541	81651	117029	151126	184624	254077	207047	190899	103369	11752	5228	7313
12	42803	82922	118196	152089	189550	262220	211050	189936	99562	11010	5228	7537
13	44043	84215	119349	153015	194342	270417	214077	189066	96060	10268	5528	8474
14	45317	85458	120341	154021	196175	277675	215717	187777	92301	9773	5806	9237
15	46538	86436	121743	154907	195401	281311	215717	187596	88754	9278	6098	9993
16	47714	87333	122299	156460	194657	284282	215953	187226	85478	8542	6235	10817
17	48899	88163	124062	157258	193819	285337	215225	185334	81901	8356	6418	11595
18	50090	89123	125185	159162	192619	284183	215202	183333	77861	7977	6873	12095
19	51269	90244	126301	159838	191590	282837	214783	180556	73656	7600	7136	12694
20	52408	91672	127383	160108	190417	283844	213724	177738	69678	7222	7136	13277
21	53714	93187	128517	161036	189319	284309	212399	172366	65761	6826	7086	13862
22	55149	94698	129900	162628	188259	284774	208173	168146	61844	6404	7086	14445
23	57314	95870	130997	164100	187246	283235	203422	164246	57926	6153	6757	15113
24	59470	97031	131960	164582	186395	278518	198718	160254	54175	5863	6445	15945
25	61150	98151	132798	165382	186555	268595	193719	156270	49797	5628	6169	16486
26	62577	99155	133681	166284	187294	256839	190920	152216	45418	5393	5596	17045
27	63825	99971	134603	167192	188556	244284	189982	148266	41040	5158	5938	17589
28	65401	100770	135622	168031	189408	232721	189647	144974	36502	5057	6235	18126
29	66689	101736	136562	---	192067	221275	188375	142000	32025	4956	6440	18669
30	68049	102976	138180	---	195641	209625	187455	140320	27467	4885	6645	19690
31	---	104238	139358	---	199150	---	186575	---	23511	4886	---	21435
MAX	68049	104238	139358	168031	199150	285337	215953	191347	137823	20645	7136	21435
MIN	29186	68927	105425	140521	168736	202647	186575	140320	23511	4885	4500	6851
CHNG		36189	35120	28673	31119	10475	-23050	-46255	-116809	-18625	1759	14790

PRELIMINARY DATA

20-FEB-90

13201500 LUCKY PEAK RESERVOIR
 CONTENTS IN ACRE FEET, IRRIGATION YEAR NOVEMBER 1988 TO OCTOBER 1989

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	14708	19444	23796	33982	41502	132579	215049	253754	263385	261744	161750	42945
2	14912	19507	23986	34352	41357	136122	216594	254319	263115	259318	159097	39503
3	15175	19615	24291	34674	41000	139603	217693	254915	262789	256402	156406	37077
4	15488	19712	24495	35012	40570	143013	219142	255539	262372	253138	153706	34924
5	15712	19798	24709	35105	40270	146334	220521	256072	262643	249740	150543	32887
6	15937	19915	24945	35198	40296	150393	221902	256588	263170	246263	146067	30883
7	16079	20248	25160	35291	40622	155265	223466	257023	263440	242754	141550	28966
8	16334	20485	25401	35384	41210	160924	223921	257448	263578	239241	137014	27162
9	16468	20602	25687	35477	42186	166339	224271	257856	263495	235781	132421	25309
10	16582	20745	26042	35687	43197	170130	224300	258236	263880	232291	127987	23362
11	16654	20875	26433	35897	44607	172099	224094	258612	264339	228860	123329	22706
12	16768	21017	26803	36508	46368	173313	223892	258911	264510	225308	118684	23674
13	16883	21158	27463	36798	48223	172732	223715	259181	264431	221780	113848	24222
14	17026	21311	27791	37151	51337	171744	223365	259404	264284	218244	109019	24765
15	17130	21136	28119	37473	55580	173541	223159	259674	263935	214672	104310	25355
16	17245	21136	28433	37857	59753	177042	223538	259729	263307	211395	99848	26020
17	17358	21190	28741	38251	63618	179249	224343	259784	262945	207834	95408	26757
18	17409	21267	29034	38650	67352	181054	225159	259861	263115	204285	91165	27510
19	17473	21386	29368	39078	71266	182888	225849	260432	263417	200759	87342	28411
20	17503	21572	29674	39478	75174	184273	226360	261854	263550	197218	83777	29202
21	17587	21779	29996	39879	79188	184990	226816	263138	263610	193682	80334	30081
22	17724	22121	30357	39853	83131	185937	230906	264036	263633	189991	76929	31015
23	18090	22309	30715	39813	87107	185619	237025	264477	263440	186492	73546	31814
24	18467	22473	31002	39982	91165	187378	242987	264860	262977	183373	70103	32802
25	18702	22640	31401	40570	95984	191304	248702	264893	262294	180572	66442	33771
26	18871	22815	31814	41278	101549	195390	251150	264860	262317	177996	62713	34599
27	18966	22892	32251	41713	108285	199487	251580	264727	263225	175413	58599	35611
28	19127	23027	32557	41713	115628	202364	252007	264284	263880	172687	54510	36633
29	19275	23185	32899	---	121418	205940	252438	263610	263880	169931	50493	37702
30	19412	23373	33254	---	125182	211616	252864	263463	263958	167183	46792	38303
31	---	23595	33612	---	128998	---	253295	---	263330	164508	---	38098
MAX	19412	23595	33612	41713	128998	211616	253295	264893	264510	261744	161750	42945
MIN	14708	19444	23796	33982	40270	132579	215049	253754	262294	164508	46792	22706
CHNG		4183	10017	8101	87285	82618	41679	10168	-133	-98822	-117716	-8694

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