

WINTER DIVERSIONS OF EGIN BENCH CANALS, INC.

	Nov-86	Dec-81	Jan-84	Feb-81	Mar-81	CLAIM RECHARGE	CLAIM LIVESTOCK
CANAL FEEDER	35	28	59	63	68		
ST. ANTHONY	116	159	140	175	203		
TOTAL	151	187	199	238	271	200	1.82

150

	Nov-86	Dec-84	Jan-84	Feb-84	Mar-94		
CANAL EGIN	72	124	138	130	132	98	0.74

125
~~175~~

	Nov-83	Dec-83	Jan-83	Feb-82	Mar-90		
CANAL INDEPENDENT	146	182	159	139	155	100	1.52

50

	Nov-80	Dec-83	Jan-81	Feb-81	Mar-80		
CANAL LAST CHANCE	60	40	22	25	90	35	0.48

25

350

The table shows the average diversion in cfs for each month of a given year except for the Last Chance which is the highest diversion for the month shown. The period of record is 1978-1994.

429 637

Additional 345.44 cfs stock
\$34,544
\$6908.80

121
13
132
65
330 - recharge
15,000
19
34
6
26,000

350 ~~350~~ stock
20

7,000.00

EXCERPTS FROM EGIN IRRIGATING CO.
BOARD OF DIRECTORS MEETING MINUTES

December 12, 1887

Reported that he had visited or heard from the most of the shareholders in the Company and could not find but two men with teams that would go to work on the Ditch this fall. Consequently he did not feel justified in turning the water out of the Ditch.

November 17, 1892

The advisability of turning in the water was talked over. Miller said he thought the water should be turned in the ditch and held as long as could be done without damaging the ditch. Concurred in by the balance of the Directors provided there as someone appointed to see after the water and turn it out before there was serious damage done to the ditch.

January 28, 1893

From a resolution to approve a lease between the canal company and St. Anthony Water Power and Land Company for use of the canal from the head of Cedar Island to a point approximately 1/4 mile downstream where the main and wastegates of the canal are located. That it will at all times, except when prevented from so doing by ice blockages, or other unavoidable causes, deliver to the party of the first part through the main gate of said ditch 20,000 miners inches of water, or so much thereof as the party of the first part demands.

March 24, 1900

Moon agrees to ? the ditch from head to terminus assuming all ? as per his written statement at \$30.00 per month for four months and after that time to operate the ditch for \$1.50 per day for actual time employed.

December 3, 1904

The water was ordered to be turned out December 4, 1904.

March 6, 1905

The watermaster was instructed to commence upon his duties as watermaster for the season of 1905 on March 7, 1905, and was also instructed to use all possible haste to get the water down the canal as soon as possible using due caution.

October 13, 1906

A.D. Miller moved that Samuel Smith and J.T. Fisher be appointed a committee to meet a like committee from the other canals as to the advisability of running water in some of the canals this winter.

December 1, 1906

The committee consisting of J.T. Fisher and Sam Smith who were appointed to meet a like committee from the St. Anthony Canal and the Independent Canal Co. as to the advisability of running water in one of the canals this winter. Reported that they had met and agreed to run the St. Anthony Canal this winter and the committee stated that we the Egin Co. would bear their

part of the expenses of running the water. The report was accepted.

October 12, 1907

It was deemed inadvisable to run winter water as the flume would not carry it in cold weather. The watermaster was instructed to keep the water in until the next cold spell and then turn it out entirely and in case it should turn warm to put it back in as soon as possible.

March 3, 1908

A bill ordered paid from the St. Anthony Union Canal Co. for the Egin share of the expenses of running water during the winter of 1906 and 1907 amounting to 118.57.

January 7, 1911

The watermaster was discharged from full pay this date and was instructed to look after the canal as often as it was necessary and ? and keep the water in as long as he could without danger to the canal.

EXCERPTS FROM EGIN IRRIGATING CO.
STOCKHOLDER'S MEETING MINUTES

February 13, 1904

Meeting was called for the purpose of amending the by-laws. A Heath offered an article or a new section to be placed in the by-laws that would permit any shareholder the privilege of running water in or during any season of the year. The following is a true copy. Be it resolved that any shareholder or shareholders of the company may have the use of their water during the winter season for private or stock or domestic or any other purpose except where repair or work needed on the canal upon application to the board of directors who shall cause them to give a good and sufficient bond to indemnify company against all damages that may be sustained by said shareholder or shareholders running their water during the winter months or season provided further that all cost and maintenance running said water shall be paid by said shareholder or shareholders. Motion was lost by a vote.

EXCERPTS FROM ST. ANTHONY UNION CANAL CO.
BOARD OF DIRECTOR'S MINUTES

October 18, 1915

Moved and seconded that Mr. J.B. Quayle should replace the books that were destroyed in an accidental fire which occurred at his place on June 2nd, 1915. The books and papers of the company which were totally destroyed were the record book, the check book, all returned vouchers for the past year and all warrants for the past year.

April 3, 1916

I herewith submit my bid for watermaster of said canal for the season of 1916-17, for the sum of One Hundred Twenty five Dollars (\$125.00) per month for 6 months, beginning April 1st and ending October 1st, and the remainder of the year at Ninety Dollars (\$90.00) per month, providing that winter water is run. Yours, respectfully, James Powell

November 25, 1916

Moved and seconded that a committee of two be appointed to see if the other two canal companies will stand their proportion of the expenses of running winter water. Carried.

April 3, 1917

Moved and seconded that the committee appointed to collect a third of the expense of running winter water from the other two canal companies be held over until next fall. Carried.

October 27, 1921

It was moved by White and seconded by Hillman that the company build a canal from what is known as the Tanner check across the Joe White land to the lower ground to the North for the purpose of running water into a subpond, the Independent and Egin to bear each one-third of said expense and the St. Anthony to bear the remainder of said expense. Carried.

April 2, 1927

The matter of providing a waste pond in conjunction with the Egin Canal Co and Independent Canal Co by constructing a waste ditch thru the old Hannah F. Davis property on Egin Bench into the depressions beyond said property, during the winter time for the purpose of holding up sub water, was thoroughly discussed in conclusion of which it was moved by Rumsey and seconded by Mackert that the President of this company is authorized to proceed to carry out for this company, and conclude, some deal with the above mentioned companies for the purpose of carrying out such purpose, with the understanding that each company bear one third of the expense thereof, with motion was put by the President and unanimously carried.

October 9, 1929

The matter of constructing ditch for waste water through and at the lower end of the old Davis ranch on Egin Bench was discussed, and the Committee heretofore appointed in the matter was urged to pursue its investigations with the view of carrying out the original plan of winter storage of water in that section for irrigation purposes.

April 7, 1930

The matter of constructing ditch through the old Hannah F. Davis ranch, for the pupose of storing water in winter for the purpose of holding the sup up for the ensuing irrigation season was then fully discussed. . .

February 5, 1934

Director Mackert called attention to the fact that th Independent Canal Company still owed this Company a considerable sum over and above that amount of expenses which this company had paid in its behalf for the construction of winter reservoir on the rim of the sand hills north of Egin Bench. . .

10/01/82

13049550 LAST CHANCE CANAL
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1980 TO OCTOBER 1981
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	60	8	6	10	80	46	85	43	77	75	75	23
2	60	8	6	14	80	46	86	52	84	75	76	23
3	60	8	6	18	80	50	86	52	86	75	76	23
4	60	8	6	18	80	50	79	54	85	75	76	23
5	60	8	6	18	80	50	79	52	90	75	77	22
6	60	8	6	18	80	50	78	52	94	76	77	20
7	55	8	6	18	80	50	77	52	94	76	77	20
8	50	8	6	18	80	60	76	52	94	74	37	20
9	50	8	6	20	85	70	75	56	94	75	37	19
10	50	8	6	22	90	70	75	52	93	76	38	19
11	50	8	7	22	90	71	77	50	88	76	38	19
12	50	8	8	22	90	71	77	49	89	76	36	19
13	45	8	8	22	90	71	79	66	91	72	30	19
14	45	8	8	22	90	71	82	67	91	72	24	18
15	40	8	8	22	58	71	78	67	91	72	24	18
16	40	8	8	22	41	71	75	65	91	72	24	18
17	40	8	9	22	41	71	75	75	91	72	23	18
18	40	8	10	24	41	71	73	82	91	72	23	18
19	40	8	10	25	41	71	73	82	91	72	23	15
20	40	8	10	25	41	76	58	81	91	72	24	15
21	40	8	10	25	42	76	44	82	91	76	27	15
22	35	5	10	25	44	76	44	83	88	76	26	14
23	35	5	10	25	44	76	44	83	88	74	26	14
24	35	5	10	25	44	76	44	83	88	73	26	14
25	35	5	10	25	44	76	43	83	88	73	26	14
26	35	5	10	25	44	76	42	83	81	73	27	14
27	35	5	10	25	45	76	42	83	75	73	25	14
28	35	5	10	25	46	78	10	79	75	75	23	14
29	35	5	10	25	46	81	20	75	75	74	23	14
30	35	5	10	25	46	81	34	75	75	75	23	14
31	---	5	10	---	46	---	35	---	75	75	---	14
TOTAL	1355	195	258	602	1929	2026	1928	2012	2695	2297	1167	544
MEAN	45	8	8	42	62	68	62	67	87	74	77	18
MAX	60	8	10	45	90	81	86	85	94	76	77	23
MIN	35	5	6	10	41	46	10	43	75	72	23	14
AC-FT	2100	387	508	1200	3800	4000	3800	4000	5300	4600	2300	1100
IRRIGATION YEAR	1981		TOTAL	17000	MEAN	47	AC-FT	33700				

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13049550 LAST CHANGE CANAL
DISCHARGE, CURIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1981 TO OCTOBER 1982
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	14	14	22	10	25	50	25	50	74	79	66	23
2	7	14	20	15	28	50	25	47	73	79	62	23
3	0	15	20	15	30	65	28	45	72	81	38	23
4	0	15	20	15	30	65	28	43	72	82	38	12
5	0	15	20	15	30	65	26	39	73	82	39	12
6	0	15	18	15	30	65	29	37	73	82	39	12
7	0	18	15	12	30	70	33	35	71	82	39	12
8	0	18	15	12	26	70	38	69	73	81	39	13
9	0	18	15	12	26	70	38	68	74	81	39	13
10	0	18	15	12	26	73	38	69	73	81	38	13
11	0	18	18	13	26	75	38	70	72	80	38	13
12	0	20	18	14	26	75	38	71	71	81	38	20
13	0	20	18	14	30	75	39	72	70	81	23	31
14	0	20	18	14	30	80	39	73	67	81	22	31
15	0	20	18	14	30	80	39	74	66	80	22	31
16	0	20	16	14	30	80	39	75	66	80	22	31
17	0	20	16	15	30	85	39	75	68	80	21	31
18	0	20	16	15	30	85	39	78	64	80	21	31
19	0	20	16	15	32	85	39	80	64	80	20	31
20	6	20	15	15	32	85	39	80	64	80	20	31
21	12	21	14	18	32	95	41	80	64	80	20	31
22	12	22	14	20	32	95	43	82	74	80	23	31
23	12	22	14	20	32	95	43	81	78	80	24	31
24	12	22	14	20	32	97	74	81	79	78	24	31
25	12	22	10	22	35	100	74	79	79	81	24	31
26	12	22	10	25	35	100	74	76	81	81	24	31
27	13	22	10	25	35	100	73	76	79	82	22	31
28	14	22	10	25	35	25	72	76	79	82	23	31
29	14	22	10	25	43	25	72	76	80	82	23	31
30	14	22	10	25	50	25	69	76	79	82	23	31
31	---	22	10	---	50	---	106	---	79	65	---	31
TOTAL	154	599	475	451	988	2203	1437	2028	2254	2486	915	778
MEAN	5	19	15	16	32	73	46	68	73	80	31	25
MAX	14	22	22	25	50	100	106	82	81	82	66	31
MIN	0	14	10	10	25	25	25	35	64	65	20	12
AC-FT	305	1200	942	895	2000	4400	2900	4000	4500	4900	1800	1500
IRRIGATION YEAR	1982	TOTAL	14800	MEAN	40	AC-FT	29300					

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13049550 LAST CHANCE CANAL
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1982 TO OCTOBER 1983
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	40	16	4	3	4	5	36	86	72	107	60	52
2	40	16	4	3	4	5	36	89	71	96	58	52
3	40	16	4	3	4	5	36	87	70	76	56	18
4	40	16	4	3	4	5	36	88	68	71	54	18
5	32	16	4	3	4	5	36	88	67	73	52	18
6	25	14	4	3	4	5	36	89	67	73	50	18
7	25	14	5	3	4	5	36	90	68	73	50	18
8	25	14	5	3	4	6	36	98	69	73	51	18
9	25	14	5	3	4	6	36	98	68	73	51	18
10	25	14	5	3	4	6	36	99	42	74	49	20
11	25	15	5	3	5	6	36	103	41	74	50	20
12	25	15	5	4	5	6	36	110	44	72	51	20
13	27	15	5	4	5	8	37	76	46	72	51	18
14	27	15	4	4	5	10	37	44	46	72	51	18
15	27	15	4	4	5	10	47	44	45	72	49	18
16	27	15	4	4	5	10	47	44	44	72	49	12
17	27	14	4	4	5	15	47	44	44	72	49	10
18	27	14	4	4	4	15	47	44	43	70	50	10
19	15	14	4	4	4	15	49	44	42	70	51	10
20	15	14	4	4	4	20	52	44	44	75	51	10
21	15	14	3	4	4	25	51	43	53	74	52	10
22	15	14	3	4	4	25	50	42	70	73	50	10
23	15	10	3	4	4	25	50	41	69	71	48	10
24	15	5	3	4	4	40	51	40	71	63	48	10
25	15	5	3	4	4	40	53	44	85	59	48	10
26	20	5	3	4	4	40	54	50	93	59	48	10
27	20	5	3	4	4	40	55	54	106	59	49	10
28	20	5	3	4	4	40	55	68	106	59	50	10
29	20	5	3	---	4	40	60	71	107	59	50	10
30	20	5	3	---	4	40	80	71	105	59	50	10
31	---	5	3	---	4	---	83	---	107	60	---	10
TOTAL	734	374	120	101	131	523	1437	2033	2073	2205	1526	508
MEAN	24	12	4	4	4	17	46	68	67	71	51	16
MAX	40	16	5	4	5	40	83	110	107	107	60	52
MIN	15	5	3	3	4	5	36	40	41	59	48	10
AC-FT	1500	742	238	200	260	1000	2900	4000	4100	4400	3000	1000
IRRIGATION YEAR 1983	TOTAL	11800	MEAN	32	AC-FT	23300						

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13049550 LAST CHANCE CANAL
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1984 TO OCTOBER 1985
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	40	9	8	7	6	9	75	72	78	81	57	30
2	40	9	8	7	6	9	75	71	80	78	57	30
3	40	9	8	7	6	9	75	78	78	78	57	30
4	40	9	8	7	6	7	75	78	78	78	57	28
5	40	9	10	7	6	8	46	78	73	78	55	28
6	40	9	10	9	6	8	46	77	80	67	42	28
7	40	9	10	9	7	7	48	81	77	67	42	28
8	40	9	10	9	7	7	50	84	75	69	41	28
9	40	9	10	9	7	8	52	84	75	69	40	28
10	40	9	10	9	7	8	54	66	73	67	40	26
11	40	9	8	10	8	6	53	66	75	67	39	26
12	40	9	8	10	8	5	52	66	75	67	36	26
13	40	9	8	10	8	5	52	69	75	67	36	25
14	40	9	8	10	8	5	56	72	76	67	34	23
15	40	9	8	10	6	6	56	82	77	67	33	23
16	40	9	8	8	6	6	58	83	77	66	31	23
17	40	9	8	8	6	6	59	81	75	68	30	23
18	40	9	7	8	6	6	59	80	72	68	30	25
19	40	9	7	8	6	6	63	82	68	68	30	27
20	40	9	7	7	6	6	63	82	68	66	28	27
21	40	9	7	6	6	6	65	86	68	66	28	27
22	40	10	7	6	7	6	67	86	68	64	28	27
23	40	10	7	6	7	7	67	87	77	64	28	27
24	40	10	8	6	7	7	69	88	76	60	27	26
25	40	10	8	6	8	29	69	79	74	59	27	26
26	40	10	8	6	8	50	72	79	74	59	27	26
27	40	9	8	6	8	50	75	81	72	59	30	23
28	40	9	8	6	8	75	75	78	72	59	30	23
29	40	9	8	---	8	75	73	78	72	61	30	23
30	40	9	8	---	8	75	72	78	67	61	30	23
31	---	9	8	---	8	---	72	---	78	57	---	23
TOTAL	1200	284	254	217	215	517	1944	2352	2303	2072	1100	804
MEAN	40	9	8	8	7	17	63	78	74	67	37	26
MAX	40	10	10	10	8	75	75	88	80	81	57	30
MIN	40	9	7	6	6	5	46	66	67	57	27	23
AC-FT	2400	563	504	430	426	1000	3900	4700	4600	4100	2200	1600

IRRIGATION YEAR 1985 TOTAL 13300 MEAN 36 AC-FT 26300

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13049550 LAST CHANGE CANAL
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1985 TO OCTOBER 1986
MEAN VALUES

11/23/87

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	25	10	12	8	10	21	58	64	72	67	74	60
2	25	10	12	8	10	21	58	64	72	67	74	60
3	40	10	12	8	11	20	63	65	72	69	74	60
4	24	10	12	8	11	20	63	65	69	68	73	60
5	24	10	10	8	11	20	63	65	69	68	73	60
6	24	11	10	8	11	20	63	64	67	64	71	60
7	24	11	10	8	11	20	65	64	67	62	71	60
8	24	12	10	7	12	20	67	63	67	62	72	60
9	26	12	10	7	12	20	67	63	71	62	72	10
10	26	12	11	7	13	20	67	62	68	60	70	10
11	26	12	12	7	14	22	55	61	70	61	61	10
12	26	10	12	7	14	22	55	61	70	61	68	10
13	25	10	12	6	14	22	55	61	70	65	68	10
14	25	10	12	6	14	25	55	61	70	66	66	10
15	25	10	10	6	14	25	57	65	68	62	66	11
16	24	11	10	6	14	25	60	65	70	61	66	11
17	24	11	10	7	14	25	60	65	70	61	66	11
18	24	11	10	7	14	25	60	84	71	61	66	11
19	24	11	10	7	14	25	60	87	71	70	64	11
20	15	12	10	7	16	30	60	84	69	70	62	11
21	15	12	10	8	16	30	60	79	66	73	62	12
22	15	12	10	8	16	30	62	79	66	71	62	12
23	15	12	8	9	16	30	62	79	62	69	58	12
24	14	12	8	9	16	30	62	84	62	69	59	12
25	13	12	8	9	16	57	62	84	64	70	62	12
26	13	12	8	10	16	57	62	81	70	70	62	12
27	13	14	8	10	16	57	62	77	70	68	62	12
28	14	14	8	10	20	57	61	76	69	68	62	12
29	14	14	8	---	20	57	60	72	67	73	59	12
30	14	14	8	---	20	57	61	72	65	73	59	12
31	---	14	8	---	20	---	62	---	65	74	---	12
TOTAL	640	359	309	217	451	910	1894	2135	2117	2062	1976	689
MEAN	21	12	10	8	15	30	61	71	68	67	66	22
MAX	40	14	12	10	20	57	67	87	72	74	74	60
MIN	13	10	8	6	10	20	55	61	62	60	58	10
AC-FT	1300	712	613	430	895	1800	3800	4200	4200	4100	3900	1400

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13049550 EAST CHANCE, CALIF.
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1986 TO OCTOBER 1987
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	12	20	11	10	7	50	86	63	65	55	53	51
2	12	20	11	10	7	50	86	52	63	55	53	50
3	12	20	11	10	7	50	88	50	65	55	53	49
4	12	18	11	12	8	53	88	52	65	55	55	49
5	11	18	11	12	8	55	79	52	65	55	55	51
6	11	18	12	12	8	55	79	46	65	55	53	51
7	11	15	12	12	8	55	81	46	65	55	53	51
8	11	15	12	12	10	58	82	46	65	54	51	51
9	12	15	12	12	10	60	86	48	67	54	51	51
10	12	13	13	12	10	60	88	46	67	54	51	51
11	12	12	14	11	10	60	89	47	65	56	53	51
12	12	12	14	11	10	60	82	47	65	56	53	51
13	12	12	14	11	10	60	82	47	65	56	53	51
14	12	12	14	11	10	60	82	47	65	54	53	50
15	12	12	14	10	12	63	85	47	63	54	53	49
16	12	12	14	10	12	65	83	49	65	54	52	24
17	12	12	14	10	12	65	83	52	65	54	52	11
18	12	14	12	11	13	65	83	50	63	54	51	11
19	15	14	12	12	14	65	83	48	61	52	51	11
20	15	14	12	12	14	65	81	48	58	54	51	11
21	15	11	12	12	14	68	79	55	58	53	51	11
22	15	11	12	11	14	70	68	62	58	53	51	11
23	15	11	12	10	14	70	64	62	55	55	51	12
24	15	12	12	10	14	85	64	59	55	57	51	0
25	15	12	11	10	15	85	64	63	55	57	51	0
26	18	12	11	8	15	79	67	63	54	59	51	0
27	20	12	11	8	15	79	67	61	53	59	51	0
28	20	11	10	8	15	80	65	61	53	57	51	0
29	20	10	10	---	15	81	65	61	51	57	51	0
30	20	10	10	---	15	83	63	65	51	55	51	0
31	---	10	10	---	15	---	63	---	49	53	---	0
TOTAL	415	420	371	300	361	1954	2405	1595	1879	1706	1560	859
MEAN	14	14	12	11	12	65	76	53	61	55	52	28
MAX	20	20	14	11	15	85	89	65	67	59	55	51
MIN	11	10	10	8	7	50	63	46	49	52	51	0
AC-FT	823	833	736	595	716	3900	4800	3200	3700	3400	3100	1700
IRRIGATION YEAR	1987	TOTAL	13800	MEAN	38	AC-FT	27400					