

11/23/87

13049805 SALEM UNION CANAL
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1985 TO OCTOBER 1986
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	60	30	10	2	1	48	85	303	216	188	154	25
2	60	30	10	2	1	48	85	303	230	219	126	25
3	65	30	10	2	2	48	85	302	231	234	119	25
4	65	30	10	2	2	48	93	301	236	218	119	29
5	52	30	8	2	2	48	101	299	236	198	119	29
6	40	30	8	2	2	48	106	298	228	191	119	29
7	40	30	8	2	2	48	111	296	227	191	119	29
8	40	30	8	2	2	49	111	295	204	192	120	29
9	37	30	8	2	2	50	111	263	193	193	112	29
10	37	30	9	2	15	50	111	213	230	194	97	29
11	37	30	10	2	15	49	107	193	228	166	97	29
12	37	28	10	2	15	49	107	214	205	151	97	29
13	37	28	10	1	20	49	107	241	181	164	152	29
14	37	28	10	1	20	49	107	259	180	166	152	29
15	37	28	5	1	20	49	119	265	179	163	152	29
16	38	25	5	1	21	49	131	251	206	164	154	29
17	38	25	5	0	22	50	131	234	226	166	156	29
18	38	25	5	0	22	50	131	225	226	167	135	29
19	38	25	5	0	22	50	164	221	221	171	137	28
20	39	25	5	0	26	51	202	218	224	175	141	28
21	40	25	5	0	26	51	202	206	224	175	141	28
22	40	25	5	0	26	52	205	196	223	161	141	29
23	40	25	2	0	28	52	165	193	222	163	139	31
24	40	25	2	0	30	52	154	189	222	165	106	31
25	40	25	2	0	30	52	163	168	199	159	79	31
26	40	25	2	2	30	52	197	152	184	138	78	31
27	40	25	2	2	30	52	232	147	125	137	77	31
28	40	25	2	2	30	52	277	189	120	137	77	32
29	35	25	2	---	30	52	291	213	133	162	77	32
30	35	25	2	---	30	52	299	212	154	177	77	32
31	---	25	2	---	30	---	303	---	162	179	---	32
TOTAL	1262	842	187	34	554	1499	4793	7059	6275	5424	3571	906
MEAN	42	27	6	1	18	50	155	235	202	175	119	29
MAX	65	30	10	2	30	52	303	303	236	234	158	32
MIN	35	25	2	0	1	48	85	147	120	137	77	25
AC-FT	2500	1700	371	67	1100	3000	9500	14000	12400	10800	7100	1800

IRRIGATION YEAR 1986 TOTAL 32400 MEAN 89 AC-FT 64300

A-198

13049805 SALEM UNION CANAL
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1982 TO OCTOBER
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG
1	26	10	2	2	35	75	84	298	166	1
2	26	10	2	2	35	75	84	295	146	2
3	26	10	2	2	35	80	83	289	137	2
4	26	10	2	2	35	80	82	237	100	2
5	26	5	2	2	38	80	82	242	109	2
6	26	5	2	2	40	80	82	248	100	2
7	26	5	2	2	40	80	87	248	100	2
8	26	5	2	2	40	84	86	247	100	2
9	26	5	2	2	40	84	86	255	100	2
10	26	5	2	2	40	84	79	275	100	2
11	26	5	2	2	40	84	73	255	100	2
12	26	5	2	2	40	83	75	255	100	2
13	26	5	2	2	40	82	73	255	100	2
14	26	5	2	2	40	82	66	255	100	2
15	26	5	2	2	40	82	66	255	100	2
16	26	5	2	2	40	82	66	255	100	2
17	26	5	2	2	40	80	66	255	100	2
18	26	5	2	2	45	80	66	255	100	2
19	26	5	2	2	45	81	66	255	100	2
20	26	5	2	2	45	81	66	255	100	2
21	26	5	2	2	45	81	66	255	100	2
22	26	5	2	2	41	81	66	255	100	2
23	26	5	2	2	41	81	66	255	100	2
24	26	4	2	2	41	81	66	255	100	2
25	26	4	2	2	41	81	66	255	100	2
26	26	4	2	2	41	81	66	255	100	2
27	26	4	2	2	41	81	66	255	100	2
28	26	4	2	2	41	81	66	255	100	2
29	26	4	2	2	41	81	66	255	100	2
30	26	4	2	2	41	81	66	255	100	2
31	26	4	2	2	41	81	66	255	100	2
TOTAL	785	167								
MEAN	25	5								
MAX	30	10								
MIN	20	4								
AC-FT	1600	331								

IRRIGATION

A-194

10/01/82

13049805 SALEM UNION 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	33	0	0	1	93	110	145	172	241	157	145	30
2	33	---	0	2	93	110	146	200	219	163	147	30
3	33	---	0	2	93	58	147	192	241	169	189	30
4	33	---	3	2	93	58	171	133	249	185	147	30
5	33	---	3	2	93	58	171	125	244	196	142	30
6	31	---	3	2	93	59	175	134	240	196	135	30
7	34	---	3	2	93	59	180	134	226	195	128	30
8	34	2	3	2	93	64	192	133	216	159	126	30
9	34	2	3	2	96	69	205	140	216	153	119	59
10	34	2	3	3	100	70	206	104	218	137	117	57
11	34	2	2	3	100	70	199	134	198	111	137	57
12	34	2	1	3	100	70	200	177	206	78	135	56
13	34	2	1	3	100	71	199	178	213	90	134	56
14	30	2	1	3	100	79	198	193	221	109	134	55
15	25	2	1	3	99	88	182	208	229	139	128	55
16	25	2	1	3	98	89	167	222	229	139	36	55
17	25	2	1	3	98	89	168	256	229	140	29	55
18	25	2	1	3	98	90	151	265	221	152	29	55
19	25	2	1	2	98	90	152	263	229	166	29	55
20	25	2	1	2	98	122	149	282	236	169	29	55
21	25	1	1	2	99	123	146	269	233	178	29	55
22	0	---	1	2	100	123	136	0	220	165	29	55
23	0	---	1	2	100	124	126	218	227	164	30	55
24	0	---	1	2	100	124	125	208	216	162	30	55
25	0	---	1	2	100	125	118	172	196	162	30	55
26	0	---	1	2	100	125	117	159	187	175	31	55
27	0	---	1	2	105	127	118	234	179	164	31	44
28	0	---	1	2	110	128	118	221	165	160	30	34
29	0	---	1	2	110	129	123	210	195	162	30	34
30	0	---	1	2	110	133	128	220	195	163	30	34
31	---	---	1	---	110	---	128	---	184	164	---	34
TOTAL	641	27	43	63	3073	2834	4886	5556	6718	4832	2510	1420
MEAN	21	2	4	2	99	94	158	185	217	156	84	46
MAX	34	2	4	3	110	133	206	282	249	196	189	59
MIN	0	0	0	1	93	58	117	0	165	78	29	30
AC-FT	1300	54	85	125	6100	5600	9700	11000	13300	9600	5000	2800
IRRIGATION YEAR	1981	TOTAL	32600	MEAN	89	AC-FT	64700					

P-198

TETON RIVER CANALS

CANAL

FALL RIVER CANALS

May 1971

YELLOWSTONE										FALL RIVER CANALS										MAY 1911																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
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HENRYS FORK CANALS

DEWEY	31	31	31	31	31	28	25	25	16	16	18	20	20	19	19	16	14	15	16	16	16	17	17	17	17	12	12	12	18		
LAST CHANCE	39	39	39	39	39	39	40	40	42	42	44	45	50	54	54	56	58	58	58	58	64	70	70	79	88	86	83	83	80		
CROSS CUT	39	39	39	39	39	43	47	47	35	35	23	27	37	47	47	46	44	43	41	41	57	73	73	93	113	118	181	181	171		
ST. ANTHONY UNION	353	353	411	425	423	422	421	429	471	450	461	463	499	480	501	518	576	494	442	457	468	478	477	476	486	539	549	586	478	589	
FARMERS FRIEND	53	53	53	51	49	49	55	70	98	99	115	124	134	141	193	210	215	215	283	205	208	213	231	237	249	242	249	247	477		
TWIN GROVES									51	58	79	118	88	107	112	125	146	129	172	183	178	178	164	181	187	196	202	203	206	194	196
SALEM UNION									0	176	164	162	202	165	205	226	246	233	235	237	240	260	273	273	271	288	271	285	310	310	
TOTAL ASHTON TO ST. ANTHONY	554	554	612	626	623	635	627	638	655	815	888	900	1010	1006	1099	1180	1239	1187	1214	1261	1226	1258	1277	1306	1359	1472	1537	1602	1594	1618	1614
EGIN	214	214	214	218	221	224	228	228	260	260	272	285	283	301	301	316	332	332	329	326	326	331	341	356	378	462	429	452	452	430	409
ST. ANTHONY UNION FEEDER	67	67	74	77	75	79	74	76	78	80	81	82	84	84	83	86	85	81	78	75	77	79	80	80	86	86	88	90	92	92	2,501
INDEPENDENT	272	272	287	287	285	289	293	304	314	298	300	302	340	336	366	364	342	342	338	321	332	332	340	340	361	392	303	338	372	350	10,087
CONSOLIDATED FARMERS									0	95	95	'00	204	171	178	166	155	155	180	206	206	214	221	221	260	360	370	380	380	295	5,220
TOTAL ST. ANTHONY TO REXBURG	553	553	577	582	581	587	595	608	747	833	753	873	908	879	928	939	914	910	925	928	941	976	982	997	1115	1213	1299	122	1174	27	496

TETON RIVER CANALS

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FALL RIVER CANALS																																
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MARYSVILLE	64	64	89	89	89	89	89	89	89	89	89	89	89	89	89	89	89	89	89	89	89	89	89	89	89	89	89	89	89	89	89	180
TOTAL ABOVE SQUIRREL	64	64	89	89	89	89	89	89	89	89	89	89	89	89	89	89	89	89	89	89	89	89	89	89	89	89	89	89	89	89	89	3,748
FARMERS OWN	44	44	49	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	3,928
ALMY																																1,988
ENTERPRISE	96	102	102	96	89	89	89	89	89	89	89	89	89	89	89	89	89	89	89	89	89	89	89	89	89	89	89	89	89	89	89	2,620
BELL	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	2,227
FALL RIVER	278	308	324	324	324	387	381	383	373	360	343	351	343	333	329	331	335	337	341	329	317	308	322	256	238	230	222	212	212	212	212	9,350
MC BEE	2	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	112
CHESTER	136	141	141	136	130	130	128	127	127	127	127	127	118	110	107	104	104	92	85	85	78	72	72	81	90	90	90	62	62	73	3	152
SILKEY	29	29	29	29	29	30	30	29	29	29	29	29	24	24	23	23	21	21	21	15	17	17	17	17	17	17	14	13	13	20	671	
CURR	40	45	45	45	45	48	48	42	42	42	42	42	42	28	28	28	28	27	27	27	27	27	27	29	29	28	28	29	29	28	1,010	
TOTAL SQUIRREL TO CHESTER	633	681	702	692	679	757	749	741	731	710	686	675	662	649	643	662	646	646	655	634	623	632	435	558	522	510	502	483	483	579	19,130	
HENRYS FORK CANALS																																
DEWEY	25	26	26	26	26	26	26	26	26	25	25	24	23	21	22	20	24	23	23	22	21	22	21	21	20	18	20	18	20	18	684	
LAST CHANCE	112	116	116	112	109	110	112	112	114	116	116	116	118	120	122	124	124	113	102	102	102	103	103	102	100	100	101	99	97	3,286		
CROSS CUT	232	242	242	235	209	209	207	204	204	204	206	206	176	164	170	193	193	157	194	194	190	144	144	115	87	83	84	156	156	158	5,330	
ST. ANTHONY UNION	578	578	580	547	490	437	448	459	446	432	432	419	448	446	440	442	442	381	331	339	347	370	292	301	310	342	373	382	382	12,566		
FARMERS FRIEND	243	230	232	144	106	136	140	128	35	35	33	21	50	146	186	207	194	173	172	131	125	107	55	11	9	32	23	24	44	62	3,214	
TWIN GROVES	172	146	146	104	104	121	100	124	83	117	44	54	83	130	140	153	146	100	100	96	110	110	80	59	59	63	63	82	91	8	048	
SALEM UNION	315	318	317	300	282	281	267	267	281	168	166	163	225	285	285	287	284	246	209	209	211	213	157	157	97	97	113	129	144	158	6,549	
TOTAL ASHTON TO ST. ANTHONY	1677	1656	1649	1458	1324	1319	1296	1315	1118	1095	1022	1016	1099	1216	1371	1441	1407	1254	1131	1085	1068	1046	880	757	673	693	705	864	927	966	34,677	
EGIN	411	376	376	376	344	344	344	340	340	340	340	340	340	340	340	340	340	298	298	298	298	298	298	298	298	298	298	298	298	298	298	9,552
ST. ANTHONY UNION FEEDER	84	84	86	80	78	64	64	65	66	48	46	44	58	60	60	60	60	60	39	39	38	37	35	33	34	36	37	38	50	52	1,625	
INDEPENDENT	385	385	300	296	287	267	267	267	267	267	267	267	267	267	267	267	267	267	267	267	267	267	267	267	267	267	267	267	267	267	267	8,328
CONSOLIDATED FARMERS	294	227	227	227	227	227	227	227	227	227	227	227	227	227	227	227	227	227	227	227	227	227	227	227	227	227	227	227	227	227	227	5,800
TOTAL ST. ANTHONY TO REXBURG	1174	1072	989	983	977	973	973	973	922	913	905	903	698	751	855	858	840	897	804	798	765	761	776	777	752	731	584	603	657	676	746	25,105
TETON RIVER CANALS																																
SIDDOWAY	12	12	13	14	14	13	12	12	13	13	12	11	11	11	11	11	12	12	12	11	11	12	12	12	12	12	12	10	9	9	352	
WILFORD	234	234	205	205	176	207	238	212	186	186	176	166	166	198	230	212	195	195	186	176	165	154	154	102	59	59	84	109	109	5,208		
TETON IRRIGATION	108	115	115	123	131	131	131	140	52	0	0	133	122	123	126	128	134	124	124	116	116	106	118	93	100	98	96	105	102	3,119		
GOOD LUCK	1	1	18	34	34	33	32	21	10	10	20	37	37	37	32	34	34	18	2	3	4	4	3	3	2	1	1	1	1	1	1	
PIONEER	14	14	18	22	22	11	0	0	0	0	0	19	19	17	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	296	
STEWART	43	43	30	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	684	
PINCOCK-BYINGTON	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	105	
PINCOCK-GARNER	36	36	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	756	
GARDNER																																
TETON ISLAND FEEDER	604	595	692	589	589	552	544	564	515	475	435	432	428	416	443	443	450	458	458	445	432	438	445	436	351	330	217	163	294	298	13,434	
NORTH SALEM	21	21	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	430	
ROXANA	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	508	
ISLAND WARD	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	645	
WOODMANSEE-JOHNSON	39	39	39	39	39	41	41	40	40	53	53	53	53	53	53	53	53	53	53	53	53	53	53	53	53	53	53	53	53	53	1,240	
EAMES-THOMPSON																																
MC CORMICK-ROWE	3	3	3	3	3	4	4	4	4	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	
CITY OF REXBURG	15	15	21	27	27	26	25	24	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	118	
REXBURG IRRIGATION	284	278	296	250	280	302	294	306	284	279	267	267	273	240	270	262	272	267	294	284	257	244	244	274	254	230	215	230	232	659	7,984	
SAURY-SOMMERS	30	30	28	26	27	27	25	12	0																						243	
TOTAL TETON RIVER	1510	1502	1504	1453	1428	1470	1452	1453	1258	1141	1089	1085	1214	1211	1309	1341	1335	1298	1306	1265	1186	1159	1079	1132	930	870	725	716	877	883	36,225	

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SW/REF-

FALL RIVER CANALS

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HENRYS FORK CANALS

DEWEY	18	19	18	18	17	17	18	19	20	22	23	23	22	19	16	15	15	14	13	12	16	20	20	21	20	19	19	18	
LAST CHANCE	166	168	64	160	138	134	154	158	163	166	169	170	171	172	165	157	153	149	149	153	137	137	127	128	128	129	129	138	553
CROSS CUT	181	173	171	154	156	211	268	269	320	368	369	365	158	153	97	40	38	31	32	37	455	458	451	460	469	410	347	4,533	
ST. ANTHONY UNION	583	580	578	548	546	544	540	542	538	573	566	365	158	153	97	40	38	31	32	37	455	458	451	460	469	410	347	6,646	
FARMERS FRIEND	233	236	238	223	214	214	223	233	243	238	237	146	195	145	97	70	63	63	62	67	103	102	153	171	187	187	185	5,219	
TWIN GROVES	175	176	176	174	169	174	171	170	174	176	189	148	146	140	83	77	75	74	73	72	101	151	159	160	147	159	130	4,149	
SALEM UNION	282	278	265	254	260	248	245	32	39	278	268	246	245	225	192	159	138	137	145	172	200	234	246	246	277	288	281	288	7,360
TOTAL ASHTON TO ST. ANTHONY	1,627	1,630	1,610	1,550	1,522	1,522	1,649	1,703	1,786	1,882	1,801	1,710	1,451	1,416	1,031	897	832	819	834	972	1,084	1,208	1,156	1,544	1,554	1,401	1,401	42,163	
EGIN	410	413	408	406	403	411	420	411	396	392	376	378	378	376	276	276	280	342	172	238	227	225	246	380	303	290	318	9,701	
ST. ANTHONY UNION FEEDER	49	101	102	98	94	93	92	94	46	94	49	94	90	95	78	61	56	64	64	65	64	66	64	62	62	64	45	2,317	
INDEPENDENT	410	408	400	390	384	399	399	399	396	390	387	376	335	331	273	235	198	163	160	155	190	232	270	282	306	301	196	9,106	
CONSOLIDATED FARMERS	333	333	283	283	283	280	279	278	277	276	276	276	205	205	187	186	185	184	183	182	164	144	202	204	228	270	240	1,168	
TOTAL ST. ANTHONY TO REXBURG	2,623	2,625	1,931	1,177	1,163	1,183	1,190	1,178	1,159	1,154	1,076	1,057	994	831	773	724	694	681	639	640	666	800	918	917	912	910	845	8,416	28,123

TETON RIVER CANALS

SIDDOWAY	7	7	7	6	6	7	12	17	18	20	23	20	18	16	14	10	6	4	4	4	7	10	12	15	17	16	15	15	15	370		
WILFORD	184	178	172	166	163	160	178	195	217	238	260	249	238	227	216	174	132	88	84	81	83	85	117	149	181	188	144	224	234	254	5,329	
TETON IRRIGATION	105	99	95	91	91	92	101	110	105	101	97	96	95	94	93	95	97	97	96	94	92	90	92	93	94	103	111	106	100	100	2,925	
TETON LUCK	6	10	15	20	21	22	23	24	22	20	18	18	17	16	16	14	11	9	9	9	8	8	9	10	11	18	24	24	25	25	2,925	
PIONEER	12	12	12	11	24	37	30	24	20	16	13	11	8	5	3	3	4	4	4	2	8	14	20	30	39	42	44	30	17	17	516	
STEWART	28	28	28	29	26	22	32	41	41	41	38	38	38	38	40	30	25	17	17	15	15	14	20	30	42	42	41	41	40	40	937	
PINCOCK-BYINGTON	5	10	15	20	20	19	19	19	19	20	22	22	22	22	21	21	21	19	20	22	22	21	22	23	23	23	21	21	19	19	589	
PINCOCK-GARNER	13	14	16	18	18	18	18	18	18	19	19	19	19	18	18	18	18	18	11	4	8	12	12	13	13	13	12	12	30	30	486	
GARDNER																																
TETON ISLAND FEEDER	560	513	526	508	487	465	478	532	580	608	637	601	525	539	493	470	426	373	378	323	357	351	381	411	441	456	458	472	486	486	14,365	
NORTH SALEM	15	15	14	14	14	13	13	13	13	13	13	13	13	13	16	16	16	17	17	17	17	16	15	14	13	12	11	10	11	12	414	
ROXANA	8	12	17	22	22	22	20	18	12	27	33	29	28	24	19	19	19	19	19	17	17	16	18	19	21	20	18	20	21	21	608	
ISLAND WARD	74	79	84	88	72	56	48	39	46	55	66	45	30	15	7	6	6	20	36	36	35	32	28	25	34	43	26	9	9	9	1,156	
WOODMANSEE-JOHNSON	24	23	23	25	26	29	36	42	45	49	52	52	53	54	55	51	49	45	44	42	38	34	32	30	28	36	44	46	47	47	1,198	
WOODMANSEE-THOMPSON							1	3	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	14
EAMES-THOMPSON																																
MC CORMICK-ROWE																																99
CITY OF REXBURG	14	14	14	14	15	35	35	36	36	36	37	37	37	37	36	36	34	32	29	29	28	28	29	28	27	26	25	24	23	23	852	
REXBURG IRRIGATION	284	261	276	270	250	262	308	306	344	312	330	333	327	300	196	196	195	182	180	205	218	239	231	246	252	240	237	235	235	235	7,740	
SAUREY-SOMMERS	8	14	21	27	17	7	12	17	22	27	31	34	37	40	42	36	28	21	20	18	12	9	8	8	8	4	0	12	23	23	587	
TOTAL TETON RIVER	1347	1319	1335	1326	1252	1206	1365	1474	1551	1608	1681	1625	1551	1453	1291	1200	1091	973	957	963	982	925	1060	1132	1231	1260	1304	1325	1410	1410	38,669	

June 1973

FALL RIVER CANALS

YELLOWSTONE	0	4	9	9	9	9	9	9	9	10	10	11	11	12	12	13	13	14	14	15	15	16	16	17	17	17	309				
MARYSVILLE	0	69	138	138	138	138	138	138	143	147	152	157	160	165	168	174	177	182	188	193	195	200	205	208	213	216	216	4,356			
TOTAL ABOVE SQUIRREL	0	73	147	147	147	147	147	147	152	156	162	167	171	176	180	186	190	195	202	207	210	215	221	224	230	233	233	4,665			
FARMERS OWN	0	34	69	69	69	69	69	69	70	71	73	74	76	78	80	82	83	84	86	88	90	92	93	95	96	98	98	2,055			
ALMY																															
ENTERPRISE	0	0	82	78	75	83	91	91	94	94	96	98	102	106	106	120	120	120	120	120	128	136	144	142	140	138	136	3,128			
BELL																												7,102			
FALL RIVER	155	170	184	309	435	368	301	253	205	157	260	361	371	379	374	370	366	376	387	386	350	335	315	301	300	299	299	282	282	9,216	
MC BEE	4	4	4	4	4	4	4	4	3	3	4	4	4	4	4	3	4	4	4	4	4	4	3	3	3	3	3	3	110		
CHESTER	84	99	99	102	106	108	111	111	80	80	88	95	106	118	127	127	127	126	122	117	117	96	96	98	99	88	76	76	73	3,075	
SILKEY	23	22	22	21	20	20	21	21	16	16	16	17	18	19	19	26	26	26	26	23	20	20	19	19	19	20	19	19	19	611	
CURR	68	64	64	64	64	64	60	57	56	56	57	58	60	61	61	61	61	62	64	64	63	63	60	60	59	58	56	55	54	52	1,799
TOTAL SQUIRREL TO CHESTER	339	359	455	578	738	712	654	606	523	475	590	706	732	760	756	780	786	799	815	788	765	752	718	706	716	724	711	695	681	669	20,096

ENRYS FORK CANALS

DEWEY	18	20	20	18	15	16	16	18	18	18	19	20	21	21	20	20	49	19	18	18	23	23	23	24	23	22	22	17	584	
LAST CHANCE	75	80	80	81	82	84	87	85	85	81	74	74	81	87	87	86	89	92	92	81	81	81	82	76	76	76	81	2,480		
LOSS CUT	197	149	149	141	133	143	156	137	128	126	124	133	140	140	88	88	171	132	165	165	97	97	132	162	167	171	777	4,183		
J. J. ANTHONY UNION	542	573	573	570	568	516	525	525	448	448	462	476	536	545	545	573	573	552	532	528	525	506	506	507	508	496	183	483	715	
FARMERS FRIEND	177	178	178	167	155	142	129	129	74	74	709	715	775	805	805	203	203	182	182	183	183	195	195	196	172	167	167	147	4,924	
TWIN GROVES	158	162	162	152	142	134	124	124	93	93	164	125	138	151	151	140	140	144	147	163	163	133	133	130	128	127	126	109	4,086	
SALEM UNION	259	264	264	246	228	216	205	205	155	155	265	274	274	292	292	290	289	212	195	185	188	188	190	191	186	181	181	671	6,715	
TOTAL ASHTON TO ST. ANTHONY	192	161	142	137	132	128	124	124	101	100	111	112	134	146	147	140	139	136	136	134	134	120	123	124	125	126	122	103	38,665	
EGIN	371	383	383	386	390	319	248	248	315	315	338	360	372	383	383	406	406	374	342	338	335	335	294	294	367	320	320	320	305	10,210
ST. ANTHONY UNION FEEDER	94	94	94	96	98	92	86	86	82	82	83	84	84	84	84	90	90	90	88	86	86	72	72	66	60	59	58	58	37	2,425
INDEPENDENT	344	369	369	366	362	210	59	59	201	201	126	121	131	136	350	302	302	290	277	302	328	328	286	286	286	286	286	240	8,340	
CONSOLIDATED FARMERS	303	314	314	310	306	292	277	277	182	182	226	226	308	315	345	350	350	354	359	293	277	277	227	227	224	224	232	235	240	8,244
TOTAL ST. ANTHONY TO REXBURG	112	160	160	158	156	93	670	670	780	780	908	1035	100	162	162	148	148	108	108	102	97	97	87	87	88	88	83	798	29,279	

TETON RIVER CANALS

SLDDOWAY	12	12	5	5	8	10	12	15	10	6	7	7	7	8	8	19	19	19	20	14	7	7	10	10	10	10	9	9	311	
WILFORD	182	182	210	210	148	81	92	98	109	120	205	205	198	190	190	206	206	192	179	188	197	177	248	248	252	257	238	219	5,592	
TETON IRRIGATION	84	84	86	86	88	81	91	91	83	87	91	101	101	98	95	95	111	106	101	99	97	98	98	104	111	104	97	91	2,879	
GOOD LUCK	8	6	4	4	1	10	10	10	17	24	24	20	20	23	26	26	26	26	27	28	28	29	29	28	29	34	40	40	682	
PIONEER	21	21	0	0	22	45	22	0	16	32	32	20	27	34	34	35	35	26	16	18	20	20	2	2	2	2	1	0	525	
STEWART	0	0	0	0	6	13	13	13	28	42	48	54	46	48	50	50	0	0	0	20	40	40	54	54	53	52	43	34	835	
PINCOCK-BYINGTON	34	34	34	34	33	32	32	24	17	17	24	24	24	23	23	16	16	16	17	17	17	17	14	12	11	11	10	10	639	
PINCOCK-GARNER	24	24	22	22	26	30	30	29	21	13	13	13	20	26	26	24	24	25	26	26	26	11	11	11	12	12	12	12	610	
ARDNER																													—	
TETON ISLAND FEEDER	475	475	567	567	531	495	495	495	462	430	430	616	616	574	531	531	595	545	548	550	529	529	511	511	511	488	464	15,536		
ORTH SALEM	16	16	6	6	6	7	7	8	8	9	9	17	17	17	17	17	17	16	15	14	13	13	12	12	12	5	5	5	344	
ROXANA	20	20	26	26	22	18	17	16	21	8	8	11	11	11	12	12	12	12	12	13	13	20	20	16	12	12	13	13	442	
ISLAND WARD	66	66	71	71	57	43	42	40	21	2	2	26	26	34	42	42	72	72	62	52	54	56	49	49	49	10	8	7	1,134	
WOODMANSEE-JOHNSON	13	13	30	30	30	31	28	24	22	21	21	17	17	20	23	23	40	40	36	32	34	36	37	37	38	40	37	34	874	
EAMES-THOMPSON					0	2	3	3	3	3	3	3	3	3	3	2	0	0	0	0	0	0	0	0	0	0	0	0	8	
MC CORMICK-ROWE					0	2	3	3	3	3	3	3	3	3	3	4	4	5	6	6	6	6	4	4	4	4	4	4	96	
CITY OF REXBURG	31	31	30	30	29	28	23	18	18	18	18	17	17	18	20	20	26	26	26	27	27	28	28	29	29	29	27	25	747	
REXBURG IRRIGATION	262	262	308	308	286	285	258	230	230	230	230	312	312	287	262	262	312	312	312	312	318	324	324	274	274	286	297	276	255	8,465
SAUREY-SOMMERS	12	12	5	5	8	10	12	15	10	6	7	7	7	8	8	19	19	19	20	14	7	10	10	10	10	10	9	9	311	
TOTAL TETON RIVER	1260	1258	1404	1404	1317	1235	1182	1129	1098	1012	1078	1470	1462	1418	1374	1372	1484	1484	1447	1413	1429	1445	1473	1371	1383	1413	1326	1237	40,030	

CANAL

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Source: The

HENRYS										FORK										CANALS																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
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STATIONERY

[illegible]

NAME OF CANAL	DAILY DISCHARGE IN SECOND-FOOT OF HENRY'S FORK CANALS																															MAY 1976	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL	
FALL RIVER CANALS																																	
YELLOWSTONE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
MARYSVILLE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
TOTAL ABOVE SQUIRREL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
FARMERS OWN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ENTERPRISE (North)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
BELL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
FALL RIVER	20	22	25	25	40	40	41	42	42	42	42	42	42	42	42	42	42	42	42	42	42	42	42	42	42	42	42	42	42	42	42	42	
MC BEE	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	
CHESTER	0	15	31	31	33	33	34	35	35	34	34	34	35	36	38	41	41	63	63	60	56	54	53	53	50	50	49	49	49	49	49	49	
SILKEY	27	16	5	5	4	4	4	5	6	5	5	5	5	5	6	6	6	28	28	27	28	28	30	30	30	30	30	30	30	30	30	30	
CURR	2	2	2	2	3	3	3	4	5	5	10	10	18	26	27	28	28	32	32	30	29	29	30	30	34	34	35	36	37	38	38	56	
TOTAL SQUIRREL	51	57	65	65	83	83	87	91	91	94	94	103	112	145	180	180	233	233	225	217	216	219	219	217	217	240	261	282	303	303	321	5,287	
CHESTER																																	
HENRY'S FORK CANALS																																	
DEWEY	0	3	6	6	7	7	7	7	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	344	
LAST CHANCE	5	27	49	49	49	49	50	51	51	28	28	28	28	30	31	31	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	
CROSS CUT	26	27	28	28	32	32	32	32	24	24	15	18	24	30	36	36	32	32	140	248	181	115	115	115	115	115	115	115	115	115	115	115	115
ST. ANTHONY UNION	378	412	446	446	351	351	344	338	338	414	414	440	466	479	492	492	520	520	562	604	632	660	660	636	636	626	616	608	600	600	618	15,699	
FARMERS FRIEND	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
TWIN GROVES	8	4	0	6	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	
SALEM UNION	50	69	88	88	84	84	86	89	89	45	45	48	50	67	84	84	174	174	193	212	233	254	254	289	289	290	292	300	308	308	285	5,005	
TOTAL ASHTON TO ST. ANTHONY	467	542	617	623	535	535	527	520	520	624	627	657	686	751	806	806	1048	1048	1315	1582	1591	1602	1602	1751	1751	1698	1646	1651	1657	1657	1836	33,278	
ST. ANTHONY	132	166	201	201	201	201	212	223	223	239	239	242	246	252	258	258	298	298	314	329	342	355	355	370	370	372	373	404	430	430	435	8,969	
ST. ANTHONY UNION FEEDER	82	86	90	90	98	98	103	108	108	110	110	110	110	117	124	124	124	124	119	114	67	20	20	102	102	104	107	110	113	113	109	3,116	
INDEPENDENT	108	134	160	160	188	188	185	182	182	229	229	238	247	268	288	288	296	296	322	348	380	413	404	394	385	382	380	403	399	399	387	8,862	
CONSOLIDATED FARMERS	45	58	70	70	75	75	78	80	80	69	69	69	69	92	114	114	165	165	294	424	434	444	444	444	444	448	451	450	459	459	462	7,214	
TOTAL ST. ANTHONY TO REXBURG	367	444	521	521	562	562	578	593	593	647	647	659	672	729	784	784	883	883	1049	1215	1223	1232	1223	1310	1301	1306	1311	1367	1401	1401	1393	28,161	
TETON RIVER CANALS																																	
ENTERPRISE (South)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
EAST TETON	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
SIDDONAY	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
WILFORD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
TETON IRRIGATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
GOOD LUCK	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
PIONEER	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ST. ANTHONY	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
PI - BYINGTON	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
PINCK-KARNER	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
TETON ISLAND FEEDER	10	10	12	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	
NORTH SALEM	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	
ROXANA	25	25	26	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	
ISLAND WARD	6	6	5	4	4	4	5	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	
WOODMANSEE-JOHNSON	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
EAMES-THOMPSON	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Mc CORMICK-ROWE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
CITY OF REXBURG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
REXBURG IRRIGATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
SAUREY-SOMMERS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
TOTAL TETON RIVER	44	44	50	58	56	116	175	175	207	207	230	252	280	311	311	446	445	525	573	741	910	910	1019	1029	1023	1015	1053	1089	1089	1213	1215	16,811	
Plate No. 1																																	

Plate No. 17

NAME OF CANAL

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TOTAL

YELLOWSTONE

MARYSVILLE

TOTAL ABOVE SQUIRREL

FARMERS OWN

ENTERPRISE (North)

BELL

Mc BEE

CHESTER

SILKEY

CURR

TOTAL SQUIRREL

TO CHESTER

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150

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0

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404

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13049805

DISCHARGE, IN CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1978 TO OCTOBER 1979

RUN DATE 05/30/80

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	22	0	0	0	0	0	102	263	219	197	124	33
2	22	0	0	0	0	0	90	260	219	191	125	30
3	22	0	0	0	0	0	77	256	180	188	126	29
4	22	0	0	0	0	0	79	256	176	193	126	55
5	22	0	0	0	0	0	82	255	174	215	124	56
6	22	0	0	0	0	0	82	254	172	214	125	55
7	21	0	0	0	0	0	78	254	170	177	127	55
8	21	0	0	0	0	0	78	247	191	145	127	54
9	21	0	0	0	0	0	90	247	194	123	126	54
10	21	0	0	0	0	0	40	246	194	118	125	54
11	21	0	0	0	0	0	55	244	192	116	122	55
12	21	0	0	0	0	0	73	242	218	118	124	55
13	12	0	0	0	0	0	73	241	210	121	122	55
14	12	0	0	0	0	0	159	241	211	108	119	55
15	12	0	0	0	0	0	159	196	200	106	124	56
16	0	0	0	0	0	0	164	196	190	104	123	56
17	0	0	0	0	0	0	169	195	178	104	122	56
18	0	0	0	0	0	0	170	185	181	104	120	56
19	0	0	0	0	0	0	170	184	179	98	112	56
20	0	0	0	0	0	0	170	166	206	92	112	56
21	0	0	0	0	0	0	256	163	217	91	112	56
22	0	0	0	0	0	0	255	154	196	92	112	56
23	0	0	0	0	0	0	262	153	186	93	112	56
24	0	0	0	0	0	0	268	156	168	94	112	0
25	0	0	0	0	0	0	277	159	183	95	112	0
26	0	0	0	0	0	0	285	183	174	107	112	0
27	0	0	0	0	0	0	284	185	175	122	54	17
28	0	0	0	0	0	0	284	223	173	123	35	17
29	0	0	0	0	0	0	283	223	173	124	34	17
30	0	0	0	0	0	0	273	226	174	121	34	17
31	---	0	0	0	0	---	264	---	169	125	---	13
TOTAL	294	0	0	0	0	0	5151	6453	5842	4019	3284	1280
MEAN	9.8	0	0	0	0	0	166.1	215.1	188.4	129.6	109.4	41.2
MAX	22	0	0	0	0	0	285	263	219	215	127	56
MIN	0	0	0	0	0	0	40	0	168	91	0	0
AC-FT	583	0	0	0	0	0	10217	12800	11588	7972	6514	2539
IRR YR 1979	TOTAL	26323	MAX	285	MIN	0	AC-FT	52312				

04/17/84

13049805 SALEM UNION 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	26	10	2	2	35	75	84	298	166	146	121	40
2	26	10	2	2	35	75	84	295	146	240	130	40
3	26	10	2	2	35	80	83	289	137	237	128	44
4	26	10	2	2	35	80	82	237	130	238	125	44
5	26	10	2	2	38	80	82	242	143	221	124	45
6	26	5	2	2	40	80	82	248	148	191	123	45
7	26	5	2	2	40	80	87	248	148	181	123	45
8	26	5	2	2	40	84	86	247	163	176	122	45
9	26	5	2	2	40	84	86	255	184	172	121	43
10	26	5	2	2	40	84	79	272	182	169	120	43
11	26	5	2	2	40	84	73	225	136	145	119	43
12	20	5	2	2	40	84	74	209	132	141	140	43
13	20	5	2	2	40	83	75	188	128	142	152	44
14	20	5	2	2	40	82	75	178	125	138	153	44
15	20	5	3	2	40	82	89	185	138	140	150	44
16	20	5	3	2	40	82	89	188	148	132	147	40
17	20	5	3	2	40	82	94	203	159	125	160	37
18	20	5	3	2	45	80	100	220	191	129	169	37
19	20	5	3	4	45	80	107	229	235	129	150	37
20	30	5	3	4	45	81	124	219	243	133	138	37
21	30	5	2	4	45	82	125	218	245	134	136	37
22	30	5	2	4	45	82	125	188	251	123	135	36
23	30	5	2	4	45	82	125	191	253	122	113	35
24	30	4	2	4	45	82	168	191	262	122	103	35
25	30	4	2	4	120	82	219	181	260	120	103	34
26	30	4	2	4	120	82	224	174	235	119	103	33
27	30	4	2	4	120	83	230	178	206	121	72	33
28	30	4	2	4	120	84	230	191	206	121	33	33
29	30	4	2	4	120	84	241	196	187	126	49	33
30	30	4	2	4	120	84	241	190	184	121	48	33
31	30	4	2	4	120	---	280	---	187	118	---	33
TOTAL	786	167	69	78	1813	2447	3943	6573	5637	4674	3626	1215
MEAN	26	5	2	3	58	82	127	219	182	151	121	39
MAX	30	10	3	4	120	84	280	298	262	240	169	45
MIN	20	4	2	2	35	75	73	174	125	118	48	33
AC-FT	1600	331	137	155	3600	4900	7800	13000	11200	9300	7200	2400
IRRIGATION YEAR 1983												
TOTAL					31000	85	AC-FT	61500				

01/02/86

13049805 SALEM UNION CANAL
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1983 TO OCTOBER 1984
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	45	6	4	2	0	80	53	267	178	222	90	129
2	45	6	4	2	0	80	52	269	179	224	102	129
3	45	6	4	2	0	80	52	270	170	177	114	129
4	45	6	4	2	0	80	56	169	171	177	114	106
5	45	6	4	2	0	80	60	169	169	177	114	85
6	51	6	4	1	0	100	60	168	170	177	117	85
7	51	6	3	1	0	100	60	168	184	203	131	85
8	51	6	3	1	0	100	60	163	188	203	137	85
9	51	6	3	1	0	100	59	159	188	203	133	85
10	51	6	3	1	0	100	59	160	189	218	129	85
11	32	6	3	1	0	100	59	160	190	218	128	84
12	32	6	3	1	0	100	59	160	274	218	126	84
13	32	6	3	1	0	125	59	130	275	215	126	84
14	32	6	3	1	0	125	109	104	273	215	126	78
15	32	6	3	1	0	125	109	104	274	220	127	78
16	32	5	3	1	0	125	109	104	274	219	136	78
17	32	5	3	2	0	125	108	104	269	199	144	78
18	25	5	3	2	0	125	111	209	250	196	144	78
19	25	5	3	2	0	125	113	209	226	194	213	78
20	25	5	3	2	0	140	114	209	226	193	213	78
21	25	5	3	2	0	140	114	211	226	193	218	79
22	25	5	3	2	0	140	114	236	180	141	134	79
23	25	5	3	2	40	140	154	265	140	135	133	79
24	25	5	3	2	80	140	201	280	140	135	133	79
25	10	5	3	2	80	140	201	296	212	137	133	76
26	10	5	2	2	80	150	202	296	212	136	133	64
27	10	5	2	2	80	150	202	297	222	136	131	64
28	10	5	2	2	80	150	207	258	228	136	131	38
29	10	5	2	2	80	150	208	242	226	92	129	38
30	10	5	2	---	80	150	236	177	225	92	129	38
31	---	5	2	---	80	---	266	---	222	92	---	38
TOTAL	939	170	93	47	680	3565	3626	6013	6550	5493	4068	2473
MEAN	31	5	3	2	22	119	117	200	211	177	136	80
MAX	51	6	4	2	30	150	266	297	275	224	218	129
MIN	10	5	2	1	0	80	52	104	140	92	90	38
AC-FT	1900	337	184	93	1300	7100	7200	11900	13000	10900	8100	4900
IRRIGATION YEAR 1984			TOTAL	33700	MEAN	92	AC-FT	66900				

11/23/87

13049805 SALEM UNION CANAL
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1985 TO OCTOBER 1986
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	60	30	10	2	1	48	85	303	216	188	154	25
2	60	30	10	2	1	48	85	303	230	219	126	25
3	65	30	10	2	2	48	85	302	231	234	119	25
4	65	30	10	2	2	48	93	301	236	218	119	29
5	52	30	8	2	2	48	101	299	236	198	119	29
6	40	30	8	2	2	48	106	298	228	191	119	29
7	40	30	8	2	2	48	111	296	227	191	119	29
8	40	30	8	2	2	49	111	295	204	192	120	29
9	37	30	8	2	2	50	111	263	193	193	112	29
10	37	30	9	2	15	50	111	213	230	194	97	29
11	37	30	10	2	15	49	107	193	228	166	97	29
12	37	28	10	2	15	49	107	214	205	151	97	29
13	37	28	10	1	20	49	107	241	181	164	152	29
14	37	28	10	1	20	49	107	259	180	166	152	29
15	37	28	5	1	20	49	119	265	179	163	152	29
16	38	25	5	1	21	49	131	251	206	164	154	29
17	38	25	5	0	22	50	131	234	226	166	158	29
18	38	25	5	0	22	50	131	225	226	167	135	29
19	38	25	5	0	22	50	164	221	221	171	137	28
20	39	25	5	0	26	51	202	218	224	175	141	28
21	40	25	5	0	26	51	202	206	224	175	141	28
22	40	25	5	0	26	52	205	196	223	161	141	29
23	40	25	2	0	28	52	165	193	222	163	139	31
24	40	25	2	0	30	52	154	189	222	165	106	31
25	40	25	2	0	30	52	163	168	199	159	79	31
26	40	25	2	2	30	52	197	152	184	138	78	31
27	40	25	2	2	30	52	232	147	125	137	77	31
28	40	25	2	2	30	52	277	189	120	137	77	32
29	35	25	2	---	30	52	291	213	133	162	77	32
30	35	25	2	---	30	52	299	212	154	177	77	32
31	---	25	2	---	30	---	303	---	162	179	---	32
TOTAL	1262	842	187	34	554	1499	4793	7059	6275	5424	3571	906
MEAN	42	27	6	1	18	50	155	235	202	175	119	29
MAX	65	30	10	2	30	52	303	303	236	234	158	32
MIN	35	25	2	0	1	48	85	147	120	137	77	25
AC-FT	2500	1700	371	67	1100	3000	9500	14000	12400	10800	7100	1800

IRRIGATION YEAR 1986 TOTAL 32400 MEAN 89 AC-FT 64300

03/20/89

13049805 SALEM UNION CANAL
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1986 TO OCTOBER 1987
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	32	5	1	1	0	82	280	102	232	202	160	82
2	32	5	1	1	0	79	280	106	221	193	170	82
3	32	5	1	1	0	79	272	178	184	179	171	82
4	32	4	1	1	0	79	263	219	151	146	171	82
5	32	4	1	1	0	82	263	259	144	150	163	82
6	32	4	1	1	0	82	266	292	207	171	135	83
7	32	3	1	1	0	82	279	300	173	136	135	83
8	32	3	1	1	0	106	282	303	242	135	140	82
9	30	3	1	1	0	133	285	295	262	135	194	82
10	30	3	1	1	0	133	285	308	272	136	195	82
11	30	3	1	1	5	133	286	290	173	137	189	82
12	19	3	1	1	10	134	289	262	159	132	182	80
13	8	3	1	1	10	134	283	245	158	130	126	80
14	8	4	1	1	10	134	283	240	165	128	117	81
15	8	5	1	1	20	134	280	229	191	126	123	81
16	10	5	1	1	20	134	263	209	201	124	125	82
17	10	5	1	1	20	134	220	209	238	122	125	83
18	10	4	1	0	22	126	164	213	175	120	109	83
19	12	4	1	0	24	118	176	208	175	119	105	71
20	12	4	1	0	24	118	158	201	159	121	105	71
21	12	4	1	0	24	120	142	200	160	122	105	71
22	12	4	1	0	30	123	139	202	150	156	105	71
23	12	4	1	0	30	153	152	197	144	223	105	37
24	12	3	1	0	30	186	155	161	154	251	105	37
25	12	2	1	0	30	186	156	157	170	253	144	37
26	11	2	1	0	30	296	156	164	182	256	169	37
27	10	2	1	0	30	296	164	217	201	253	168	37
28	10	1	1	0	30	292	103	234	247	252	167	35
29	10	1	1	---	35	289	105	253	255	223	168	66
30	10	1	1	---	35	285	104	243	229	194	166	66
31	---	1	1	---	35	---	103	---	212	180	---	66
TOTAL	554	104	31	17	504	4462	6636	6696	6041	5205	4342	2176
MEAN	18	3	1	1	16	149	214	223	195	168	145	70
MAX	32	5	1	1	35	296	289	308	272	256	195	83
MIN	8	1	1	0	0	79	103	102	144	119	105	35
AC-FT	1100	206	61	34	1000	8900	13200	13300	12000	10300	8600	4300

IRRIGATION YEAR 1987 TOTAL 36800 MEAN 101 AC-FT 72900

4-SEP-91

13049805 SALEM UNION CANAL
DISCHARGE, CUBIC FEET PER SECOND, IRRIGATION YEAR NOVEMBER 1987 TO OCTOBER 1988
MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	48	---	---	---	---	5.0	183	211	236	170	93	30
2	48	---	---	---	---	5.0	184	188	235	182	60	60
3	0.0	---	---	---	---	78	205	171	240	169	44	30
4	0.0	---	---	---	---	78	228	159	258	154	37	30
5	0.0	---	---	---	---	78	240	198	254	143	32	31
6	0.0	---	---	---	---	78	254	277	257	136	34	31
7	0.0	---	---	---	---	79	254	277	217	122	35	31
8	0.0	---	---	---	---	79	217	269	184	102	32	31
9	0.0	---	---	---	---	79	217	261	195	115	29	31
10	0.0	---	---	---	---	79	216	253	209	137	27	31
11	0.0	---	---	---	---	79	223	246	220	125	27	31
12	0.0	---	---	---	---	87	257	243	227	116	26	31
13	0.0	---	---	---	---	87	270	233	230	114	24	36
14	0.0	---	---	---	---	87	280	230	232	95	23	41
15	0.0	---	---	---	---	87	278	247	234	94	21	41
16	0.0	---	---	---	---	93	274	271	216	92	25	46
17	0.0	---	---	---	---	100	271	284	205	101	33	46
18	0.0	---	---	---	---	100	267	284	213	101	30	87
19	0.0	---	---	---	---	101	274	251	221	100	28	128
20	0.0	---	---	---	---	101	278	232	223	100	28	118
21	0.0	---	---	---	---	102	275	212	179	99	30	108
22	0.0	---	---	---	---	102	296	183	182	98	29	108
23	0.0	---	---	---	---	102	300	182	185	100	28	108
24	0.0	---	---	---	---	116	296	181	175	103	28	108
25	0.0	---	---	---	---	117	293	172	169	117	29	108
26	0.0	---	---	---	---	117	292	178	167	128	30	108
27	0.0	---	---	---	---	131	292	206	158	140	41	114
28	0.0	---	---	---	---	147	287	213	125	138	33	120
29	0.0	---	---	---	---	147	269	239	126	140	32	120
30	0.0	---	---	---	---	148	261	237	144	136	31	134
31	---	---	---	---	---	---	233	---	165	130	---	134
TOTAL	96	---	---	---	---	2789	7964	6788	6281	3797	999	2211
MEAN	3.2	---	---	---	---	93	257	226	203	122	33	71
MAX	48	---	---	---	---	148	300	284	258	182	93	134
MIN	0.0	---	---	---	---	5.0	183	159	125	92	21	30
AC-FT	190	---	---	---	---	5532	15797	13464	12458	7531	1982	4386

IRRIGATION YEAR 1988 TOTAL 30925 MEAN 84 AC-FT 61339

10-SEP-91

13049805 SALEM 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	1.0	---	---	---	0.0	25	147	194	203	242	149	59
2	1.0	---	---	---	0.0	25	149	217	200	241	149	59
3	1.0	---	---	---	0.0	30	150	219	226	211	149	59
4	1.0	---	---	---	0.0	35	170	227	247	191	149	75
5	1.0	---	---	---	0.0	35	192	230	252	172	149	93
6	1.0	---	---	---	0.0	50	192	251	265	173	146	93
7	1.0	---	---	---	0.0	65	197	251	266	160	142	92
8	1.0	---	---	---	0.0	90	197	251	266	103	142	92
9	0.0	---	---	---	0.0	115	202	268	266	102	152	92
10	0.0	---	---	---	0.0	67	207	269	264	104	151	73
11	0.0	---	---	---	0.0	91	206	266	220	103	150	57
12	0.0	---	---	---	0.0	112	204	268	220	103	150	57
13	0.0	---	---	---	0.0	112	204	265	217	103	145	56
14	0.0	---	---	---	0.0	119	155	263	220	103	145	56
15	0.0	---	---	---	6.0	119	155	257	254	102	143	56
16	0.0	---	---	---	6.0	134	175	262	238	101	110	56
17	0.0	---	---	---	6.0	152	196	262	235	100	111	56
18	0.0	---	---	---	6.0	149	196	261	247	100	112	56
19	0.0	---	---	---	6.0	145	196	259	246	100	110	56
20	0.0	---	---	---	6.0	150	196	256	215	100	110	56
21	0.0	---	---	---	6.0	154	203	254	216	121	106	56
22	0.0	---	---	---	7.0	154	203	244	218	135	106	55
23	0.0	---	---	---	8.0	90	252	232	217	136	106	55
24	0.0	---	---	---	8.0	20	307	212	214	136	106	61
25	0.0	---	---	---	8.0	20	30	207	215	137	106	68
26	0.0	---	---	---	9.0	70	30	207	216	143	105	68
27	0.0	---	---	---	9.0	128	30	204	220	147	105	68
28	0.0	---	---	---	9.0	128	20	204	228	146	105	68
29	0.0	---	---	---	9.0	137	10	204	228	145	101	0.0
30	0.0	---	---	---	9.0	147	10	203	226	146	83	0.0
31	---	---	---	---	9.0	---	10	---	231	149	---	0.0
TOTAL	8	---	---	---	127	2868	4791	7167	7196	4255	3793	1848
MEAN	0.3	---	---	---	4.1	96	155	239	232	137	126	60
MAX	1.0	---	---	---	9.0	154	307	269	266	242	152	93
MIN	0.0	---	---	---	0.0	20	10	194	200	100	83	0.0
AC-FT	16	---	---	---	252	5689	9503	14216	14273	8440	7523	3666
IRRIGATION YEAR 1989	TOTAL	32053	MEAN	88	AC-FT	63577						