

Appendix 3
Data Used in the Water Rights Calculations for Delta Outflow Alternatives 3 and 4

Annotated Table of Contents

Pages A3-4 to A3-13 present data files for equations presented in Chapter IV of the EIR. All but one of the tables in Appendix 3 are in units of TAF.

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Alternative 3 - Supplemental Water for Delta Outflow (SW(3)) A3-5

Alternative 3 - Monthly Imports from the Trinity River A3-6

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Pages A3-14 to A3-16 contain the cumulative direct diversion (DD) tables used in allocating the Vernalis and the Delta outflow objective. The base data in these tables comes from reports of permit and license filed by individual water right holders. Irrigated acreage was considered to be the most reliable data source. Consumptive use factors obtained from the DWR were applied to the acreage to obtain depletion and diversion amounts for each water right. In some cases reported use was used in lieu of acreage. Friant direct diversion was calculated directly from DWRSIM output.

San Joaquin Basin - Cumulative Direct Diversion A3-14

Major Central Valley Water Right Cumulative Direct Diversion by Priority Group..... A3-16

Alternative 3 - Friant Direct Diversion..... A3-17

Pages A3-18 to A3-22 present data obtained from the USBR and used to calculate inbasin obligations. Each contractor was classified by depletion Study Area (DSA), and the priority of their water right(s) determined for assignment of priority group. Contractors with no identifiable basis in right are designated as WRX, those with identifiable rights as WR, and those without rights receiving CVP project water under contract with the USBR as WS. The period 1982 to 1989 (excluding 1983, an abnormally wet year) was chosen as the reference period for the analysis, as it represents a period of full delivery unaffected by cutbacks arising from biological opinions.

Annual CVP Deliveries To Sacramento Valley Contractors (1982-1989), AF A3-18

The inbasin obligation (IO) for a priority group is the sum of the 1982-1989 average monthly depletions for all contractors within the group. When deficiency conditions are in effect (see A3-27) the inbasin obligation is calculated as percentage reduction in base and/or project supply, or the average depletion, whichever is less.

Sacramento Valley Inbasin Obligations (without deficiencies)..... A3-23

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Deficiency Periods (percent of supply)..... A3-27

Pages A3-28 to A3-34 present diversion to storage for each priority group. Cumulative tables were generated for the allocation calculations.

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The following four worksheets present the allocation calculations in which water right and priority group cutoff numbers were determined for Alternatives 3 and 4. Some abbreviations:

Direct Diversion (DD), New Melones (NM), Vernalis (Vern), Delta Outflow (DO), San Joaquin (SJ), Inbasin Obligation (IO), Friant Obligation for Vernalis to be met at New Melones (FOv).

Alternative 3 - Allocation of “Add Water” for Vernalis ObjectiveA3-35

Alternative 3 - Allocation of Supplemental Water for Delta Outflow.....A3-60

Alternative 4 - Allocation of Supplemental Water for Vernalis ObjectiveA3-73

Alternative 4 - Allocation of Supplemental Water for delta OutflowA3-98

Pages A3-111 to A3-142 contain the data input tables given to DWR for modeling of Alternatives 3 and 4. The resulting DWRSIM study numbers are 506 and 507.

Alternative 3 - Sixteen Tables Submitted to the DWR in the April 18, 1997 revised modeling request, used as input data for DWRSIM Study 506A3-111

Alternative 4 - Sixteen Tables Submitted to the DWR in the April 18, 1997 revised modeling request, used as input data for DWRSIM Study 507A3-127

Important tables derived from the allocation process. Water right cutoff number and priority group number refer to Tables II-6 and II-5 respectively in the EIR. The diversion curtailment frequency in Chapter V is derived from these tables.

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Alternative 4 - Water Right Cutoff Number for Vernalis ObjectiveA3-144

Alternative 3 - Priority Group Curtailed for Delta Outflow Objective.....A3-145

Alternative 4 - Priority Group Curtailed for Delta Outflow Objective.....A3-146

In allocating Delta outflow, a priority group is not invoked until no water is available for the entire group. The following tables represent the amount of water which is not allocated and is presumed to be a SWP/CVP obligation.

Alternative 3 - Unallocated Water (additional project obligation)A3-147

Alternative 4 - Unallocated Water (additional project obligation)A3-148

Alternative 3 - Supplemental Water for Vernalis Objective (Add(3)) (TAF)

Add Water from Don Pedro and Lake McClure (CP 677 Downstream Flow) + New Melones Release for Vernalis Pulse and X2 Flow

YEAR	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	TOTAL
1922	6	0	0	0	0	0	29	108	0	0	0	0	143
1923	0	0	0	0	0	52	52	109	0	0	0	0	213
1924	0	0	0	0	0	0	18	43	0	0	0	0	61
1925	27	0	0	0	0	0	23	70	0	0	0	0	120
1926	27	0	0	0	0	32	34	88	8	0	0	0	189
1927	27	0	0	0	0	0	24	113	90	0	0	0	254
1928	0	0	0	0	0	0	39	91	2	0	0	0	132
1929	27	0	0	0	0	0	0	23	0	0	0	0	50
1930	27	0	0	0	0	0	15	20	0	0	0	0	62
1931	0	0	0	0	0	0	23	45	0	0	0	0	68
1932	0	0	0	0	0	0	0	68	32	0	0	0	100
1933	0	0	0	0	0	0	31	57	23	0	0	0	111
1934	27	0	0	0	0	0	10	42	0	0	0	0	79
1935	27	0	0	0	0	0	0	0	0	0	0	0	27
1936	0	0	0	0	0	0	0	49	13	0	0	0	62
1937	0	0	0	0	0	0	0	0	0	0	0	0	0
1938	0	0	0	0	0	0	0	0	0	0	0	0	0
1939	0	0	0	0	0	0	0	45	12	0	0	0	57
1940	23	0	0	0	0	0	0	62	91	0	0	0	176
1941	0	0	0	0	0	0	0	0	0	0	0	0	0
1942	0	0	0	0	0	0	0	11	0	0	0	0	11
1943	0	0	0	0	0	0	0	0	46	0	0	0	46
1944	0	0	0	0	0	0	0	25	0	0	0	0	25
1945	14	0	0	0	0	0	0	11	0	0	0	0	25
1946	0	0	0	0	0	0	26	11	18	0	0	0	55
1947	0	0	0	0	0	23	85	62	19	0	0	0	189
1948	27	0	0	0	12	0	21	59	27	0	0	0	146
1949	27	0	0	0	0	0	59	46	4	0	0	0	136
1950	26	0	0	0	0	0	56	100	5	0	0	0	187
1951	25	0	0	0	0	0	107	143	33	0	0	0	308
1952	8	0	0	0	0	0	0	0	0	0	0	0	8
1953	0	0	0	0	0	0	67	95	49	0	0	0	211
1954	23	0	0	0	21	0	3	82	0	0	0	0	129
1955	25	0	0	0	36	33	31	44	9	0	0	0	178
1956	27	0	0	0	0	0	95	0	0	0	0	0	122
1957	0	0	0	0	0	0	77	86	44	0	0	0	207
1958	18	0	0	0	0	0	0	0	0	0	0	0	18
1959	0	0	0	0	0	0	35	67	23	0	0	0	125
1960	28	0	0	0	0	0	9	14	0	0	0	0	51
1961	27	0	0	0	0	0	17	39	0	0	0	0	83
1962	0	0	0	0	0	0	0	85	8	0	0	0	93
1963	27	0	0	0	0	44	0	62	53	0	0	0	186
1964	0	0	0	0	21	33	37	58	20	0	0	0	169
1965	27	0	0	0	0	0	14	137	33	0	0	0	211
1966	0	0	0	0	0	0	92	68	11	0	0	0	171
1967	19	0	0	0	0	0	0	0	0	0	0	0	19
1968	0	0	0	0	0	0	78	59	17	0	0	0	154
1969	21	0	0	0	0	0	0	0	0	0	0	0	21
1970	0	0	0	0	0	0	80	129	32	0	0	0	241
1971	11	0	0	0	0	0	83	102	51	0	0	0	247
1972	25	0	0	0	37	29	101	74	27	0	0	0	293
1973	27	0	0	0	0	0	0	16	0	0	0	0	43
1974	0	0	0	0	0	0	0	31	52	0	0	0	83
1975	0	0	0	0	0	0	0	79	0	0	0	0	79
1976	0	0	0	0	0	0	8	33	0	0	0	0	41
1977	0	0	0	0	0	0	30	45	0	0	0	0	75
1978	0	0	0	0	0	0	0	0	0	0	0	0	0
1979	0	0	0	0	0	0	2	68	21	0	0	0	91
1980	0	0	0	0	0	0	0	0	0	0	0	0	0
1981	0	0	0	0	0	0	51	53	17	0	0	0	121
1982	19	0	0	0	0	0	0	0	0	0	0	0	19
1983	0	0	0	0	0	0	0	0	0	0	0	0	0
1984	0	0	0	0	0	0	99	143	29	0	0	0	271
1985	12	0	0	0	0	0	21	54	14	0	0	0	101
1986	20	0	0	0	0	0	0	0	0	0	0	0	20
1987	0	0	0	0	0	0	0	26	0	0	0	0	26
1988	28	0	0	0	0	0	14	34	0	0	0	0	76
1989	0	0	0	0	0	0	21	23	0	0	0	0	44
1990	0	0	0	0	0	0	14	39	0	0	0	0	53
1991	0	0	0	0	0	0	0	13	0	0	0	0	13
1992	0	0	0	0	0	0	0	26	0	0	0	0	26
1993	0	0	0	0	35	34	165	85	0	0	0	0	319
1994	0	0	0	0	0	0	3	16	0	0	0	0	19
AVG:	10	0	0	0	2	4	26	48	13	0	0	0	103
MIN:	0	0	0	0	0	0	0	0	0	0	0	0	0
MAX:	28	0	0	0	37	52	165	143	91	0	0	0	319

Alternative 3 - Supplemental Water for Delta Outflow (SW(3)) (TAF)

SW(3) = (Total Storage Release (3 Reservoirs) + Trinity River Imports) - Total Exports (Banks + Tracy + Contra Costa + N. Bay)
 Negative numbers set to zero and adjusted for surplus delta conditions. IO(n) set to zero.

YEAR	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	TOTAL
1922	0	0	0	0	0	0	0	0	0	349	183	0	532
1923	0	0	0	0	0	0	0	0	330	556	299	0	1185
1924	0	0	0	0	0	0	159	319	555	473	222	0	1728
1925	0	0	0	0	0	0	0	0	353	512	236	0	1101
1926	0	0	0	0	0	0	0	95	685	733	386	0	1899
1927	0	0	0	0	0	0	0	0	0	477	276	0	753
1928	0	0	0	0	0	0	0	0	521	827	413	0	1761
1929	0	0	0	0	0	0	0	0	199	504	257	0	960
1930	0	0	0	0	0	0	0	0	536	563	237	0	1336
1931	0	0	0	0	0	0	156	157	425	424	290	0	1452
1932	0	0	0	0	0	0	0	0	137	436	196	0	769
1933	0	0	0	0	0	0	0	0	136	438	281	0	855
1934	0	0	0	0	0	0	0	85	479	450	226	0	1240
1935	0	0	0	0	0	0	0	0	0	520	233	0	753
1936	0	0	0	0	0	0	0	0	9	620	345	0	974
1937	0	0	0	0	0	0	0	0	154	651	344	0	1149
1938	0	0	0	0	0	0	0	0	0	6	58	0	64
1939	0	0	0	0	0	0	122	85	730	602	320	0	1859
1940	0	0	0	0	0	0	0	0	269	686	346	0	1301
1941	0	0	0	0	0	0	0	0	0	233	119	0	352
1942	0	0	0	0	0	0	0	0	0	190	112	0	302
1943	0	0	0	0	0	0	0	0	0	510	244	0	754
1944	0	0	0	0	0	0	0	0	494	630	328	0	1452
1945	0	0	0	0	0	0	0	0	154	641	291	0	1086
1946	0	0	0	0	0	0	0	0	397	555	244	0	1196
1947	0	0	0	0	0	0	0	134	459	708	330	0	1631
1948	0	0	0	0	0	0	0	0	0	410	299	0	709
1949	0	0	0	0	0	0	0	0	561	644	288	0	1493
1950	0	0	0	0	0	0	0	0	196	508	172	0	876
1951	0	0	0	0	0	0	0	0	392	703	210	0	1305
1952	0	0	0	0	0	0	0	0	0	0	0	0	0
1953	0	0	0	0	0	0	0	0	0	174	59	0	233
1954	0	0	0	0	0	0	0	51	250	708	153	0	1162
1955	0	0	0	0	0	0	0	0	524	659	319	0	1502
1956	0	0	0	0	0	0	0	0	0	128	0	0	128
1957	0	0	0	0	0	0	0	0	112	544	168	0	824
1958	0	0	0	0	0	0	0	0	0	0	0	0	0
1959	0	0	0	0	0	0	0	0	654	708	288	0	1650
1960	0	0	0	0	0	0	0	0	608	664	339	0	1611
1961	0	0	0	0	0	0	0	0	552	719	372	0	1643
1962	0	0	0	0	0	0	0	0	242	654	283	0	1179
1963	0	0	0	0	0	0	0	0	0	380	101	0	481
1964	0	0	0	0	0	0	0	0	401	677	324	0	1402
1965	0	0	0	0	0	0	0	0	0	374	0	0	374
1966	0	0	0	0	0	0	0	39	607	666	274	0	1586
1967	0	0	0	0	0	0	0	0	0	0	0	0	0
1968	0	0	0	0	0	0	0	0	580	641	0	0	1221
1969	0	0	0	0	0	0	0	0	0	27	0	0	27
1970	0	0	0	0	0	0	0	0	301	536	113	0	950
1971	0	0	0	0	0	0	0	0	0	133	25	0	158
1972	0	0	0	0	0	0	0	0	615	677	201	0	1493
1973	0	0	0	0	0	0	0	0	421	598	119	0	1138
1974	0	0	0	0	0	0	0	0	0	0	0	0	0
1975	0	0	0	0	0	0	0	0	0	75	0	0	75
1976	0	0	0	0	0	0	0	79	690	489	34	0	1292
1977	0	0	0	0	189	0	311	116	516	420	126	0	1678
1978	41	0	0	0	0	0	0	0	0	443	189	0	673
1979	0	0	0	0	0	0	0	0	636	520	101	0	1257
1980	0	0	0	0	0	0	0	0	0	223	75	0	298
1981	0	0	0	0	0	0	0	0	699	639	206	0	1544
1982	0	0	0	0	0	0	0	0	0	0	0	0	0
1983	0	0	0	0	0	0	0	0	0	0	0	0	0
1984	0	0	0	0	0	0	0	0	191	495	0	0	686
1985	0	0	0	0	0	0	0	275	763	655	261	0	1954
1986	0	0	0	0	0	0	0	0	41	582	163	0	786
1987	0	0	0	0	0	0	0	228	971	666	369	0	2234
1988	0	0	0	0	0	0	0	12	505	608	332	0	1457
1989	0	0	0	0	0	0	0	31	527	579	166	0	1303
1990	0	0	0	0	0	0	70	0	427	614	282	0	1393
1991	0	0	0	0	75	0	0	0	192	307	121	0	695
1992	0	0	0	0	0	0	0	143	500	418	269	0	1330
1993	0	0	0	0	0	0	0	0	0	367	7	0	374
1994	0	0	0	0	0	0	0	0	685	455	177	0	1317
AVG:	1	0	0	0	4	0	11	25	293	463	189	0	985
MIN:	0	0	0	0	0	0	0	0	0	0	0	0	0
MAX:	41	0	0	0	189	0	311	319	971	827	413	0	2234

Alternative 4 - Obligation of Parties Other than Friant to Meet Vernalis Objective (SW(s)) (TAF)

SW(sj) = Add(3) + SR(F) - (EX(F) + IO(Fn)), negatives set to 0, compared to Add(3), whichever is less. IO (Fn) set to zero.

YEAR	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	TOTAL
1922	0	0	0	0	0	0	7	0	0	0	0	0	7
1923	0	0	0	0	0	52	0	39	0	0	0	0	91
1924	0	0	0	0	0	0	7	27	0	0	0	0	34
1925	27	0	0	0	0	0	0	7	0	0	0	0	34
1926	10	0	0	0	0	32	0	18	8	0	0	0	68
1927	0	0	0	0	0	0	0	0	3	0	0	0	3
1928	0	0	0	0	0	0	5	74	2	0	0	0	81
1929	8	0	0	0	0	0	0	20	0	0	0	0	28
1930	24	0	0	0	0	0	0	0	0	0	0	0	24
1931	0	0	0	0	0	0	17	25	0	0	0	0	42
1932	0	0	0	0	0	0	0	0	0	0	0	0	0
1933	0	0	0	0	0	0	0	0	23	0	0	0	23
1934	16	0	0	0	0	0	0	0	0	0	0	0	16
1935	17	0	0	0	0	0	0	0	0	0	0	0	17
1936	0	0	0	0	0	0	0	0	10	0	0	0	10
1937	0	0	0	0	0	0	0	0	0	0	0	0	0
1938	0	0	0	0	0	0	0	0	0	0	0	0	0
1939	0	0	0	0	0	0	0	0	12	0	0	0	12
1940	21	0	0	0	0	0	0	0	91	0	0	0	112
1941	0	0	0	0	0	0	0	0	0	0	0	0	0
1942	0	0	0	0	0	0	0	0	0	0	0	0	0
1943	0	0	0	0	0	0	0	0	31	0	0	0	31
1944	0	0	0	0	0	0	0	21	0	0	0	0	21
1945	0	0	0	0	0	0	0	0	0	0	0	0	0
1946	0	0	0	0	0	0	0	0	18	0	0	0	18
1947	0	0	0	0	0	23	25	7	19	0	0	0	74
1948	12	0	0	0	1	0	0	59	27	0	0	0	99
1949	12	0	0	0	0	0	22	0	4	0	0	0	38
1950	13	0	0	0	0	0	17	31	5	0	0	0	66
1951	0	0	0	0	0	0	78	143	33	0	0	0	254
1952	0	0	0	0	0	0	0	0	0	0	0	0	0
1953	0	0	0	0	0	0	33	95	49	0	0	0	177
1954	1	0	0	0	0	0	0	0	0	0	0	0	1
1955	11	0	0	0	7	33	0	0	9	0	0	0	60
1956	18	0	0	0	0	0	20	0	0	0	0	0	38
1957	0	0	0	0	0	0	8	17	14	0	0	0	39
1958	0	0	0	0	0	0	0	0	0	0	0	0	0
1959	0	0	0	0	0	0	0	0	23	0	0	0	23
1960	28	0	0	0	0	0	0	0	0	0	0	0	28
1961	26	0	0	0	0	0	0	0	0	0	0	0	26
1962	0	0	0	0	0	0	0	0	0	0	0	0	0
1963	0	0	0	0	0	42	0	0	2	0	0	0	44
1964	0	0	0	0	18	33	0	19	20	0	0	0	90
1965	27	0	0	0	0	0	0	99	0	0	0	0	126
1966	0	0	0	0	0	0	20	0	11	0	0	0	31
1967	9	0	0	0	0	0	0	0	0	0	0	0	9
1968	0	0	0	0	0	0	31	35	17	0	0	0	83
1969	21	0	0	0	0	0	0	0	0	0	0	0	21
1970	0	0	0	0	0	0	78	120	32	0	0	0	230
1971	0	0	0	0	0	0	51	88	51	0	0	0	190
1972	15	0	0	0	9	29	54	47	27	0	0	0	181
1973	2	0	0	0	0	0	0	0	0	0	0	0	2
1974	0	0	0	0	0	0	0	0	0	0	0	0	0
1975	0	0	0	0	0	0	0	0	0	0	0	0	0
1976	0	0	0	0	0	0	0	33	0	0	0	0	33
1977	0	0	0	0	0	0	26	45	0	0	0	0	71
1978	0	0	0	0	0	0	0	0	0	0	0	0	0
1979	0	0	0	0	0	0	0	0	0	0	0	0	0
1980	0	0	0	0	0	0	0	0	0	0	0	0	0
1981	0	0	0	0	0	0	0	19	17	0	0	0	36
1982	10	0	0	0	0	0	0	0	0	0	0	0	10
1983	0	0	0	0	0	0	0	0	0	0	0	0	0
1984	0	0	0	0	0	0	57	112	29	0	0	0	198
1985	0	0	0	0	0	0	0	0	14	0	0	0	14
1986	0	0	0	0	0	0	0	0	0	0	0	0	0
1987	0	0	0	0	0	0	0	0	0	0	0	0	0
1988	23	0	0	0	0	0	0	0	0	0	0	0	23
1989	0	0	0	0	0	0	0	0	0	0	0	0	0
1990	0	0	0	0	0	0	0	0	0	0	0	0	0
1991	0	0	0	0	0	0	0	0	0	0	0	0	0
1992	0	0	0	0	0	0	0	22	0	0	0	0	22
1993	0	0	0	0	0	0	85	0	0	0	0	0	85
1994	0	0	0	0	0	0	0	0	0	0	0	0	0
AVG:	5	0	0	0	0	3	9	17	8	0	0	0	42
MIN:	0	0	0	0	0	0	0	0	0	0	0	0	0
MAX:	28	0	0	0	18	52	85	143	91	0	0	0	254

Alternative 4 - Modified Friant Kern Canal Diversion to Export (EX(F)) (TAF)

EX(F) = EX(f) - Excm, negative values set to zero.

YEAR	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	TOTAL
1922	10	9	1	4	59	0	55	46	70	70	96	71	491
1923	42	17	23	28	62	37	0	36	34	19	89	0	387
1924	0	6	1	0	26	23	0	0	0	16	11	0	82
1925	5	7	0	0	21	1	0	0	13	0	0	12	58
1926	10	4	1	0	26	5	0	0	51	45	14	0	155
1927	16	14	0	1	39	51	54	70	45	65	85	38	476
1928	24	9	0	0	38	0	0	0	48	52	4	0	174
1929	0	0	0	1	24	0	0	0	0	14	53	0	92
1930	0	0	0	2	21	0	0	0	2	30	19	0	74
1931	0	0	1	0	20	4	0	0	0	12	13	0	50
1932	3	7	0	0	32	55	65	69	39	62	21	37	391
1933	8	2	0	0	28	23	0	0	22	3	48	0	134
1934	5	7	0	0	37	0	0	0	0	9	14	0	71
1935	0	3	1	0	50	46	0	65	28	58	113	0	364
1936	0	0	1	3	22	55	63	55	69	65	61	9	401
1937	7	11	1	0	12	59	28	43	71	72	85	34	420
1938	11	7	2	7	49	0	0	0	38	74	115	76	378
1939	53	38	23	30	45	0	0	0	27	36	27	0	280
1940	4	5	1	0	84	49	59	40	33	52	54	0	380
1941	0	3	2	8	58	53	78	85	15	71	107	76	554
1942	49	20	23	37	73	56	66	96	79	83	89	67	738
1943	25	13	0	0	90	0	55	31	85	57	45	42	443
1944	14	6	1	0	23	31	0	0	9	0	0	29	111
1945	36	19	18	24	32	41	72	61	44	53	89	66	555
1946	53	30	18	42	116	22	16	0	31	41	25	9	402
1947	19	6	0	2	52	8	0	0	29	46	20	0	182
1948	0	0	1	3	31	0	0	15	22	81	0	0	152
1949	0	3	1	0	23	5	0	0	11	38	0	0	80
1950	6	6	1	0	36	23	0	0	6	35	21	0	134
1951	35	38	0	48	132	37	0	18	35	42	0	0	385
1952	2	6	2	22	76	53	16	34	46	79	109	75	518
1953	54	33	18	35	69	0	0	0	1	0	0	0	211
1954	4	8	1	0	33	0	0	0	11	47	46	0	151
1955	0	3	1	0	42	10	0	0	0	36	17	0	109
1956	0	4	20	49	71	0	75	74	11	71	103	75	553
1957	57	32	21	22	39	0	0	0	17	61	74	0	324
1958	3	7	1	4	55	46	70	88	50	84	88	70	565
1959	50	24	19	22	27	14	0	0	12	89	43	0	300
1960	0	0	0	0	6	0	0	0	0	0	0	0	6
1961	0	0	0	0	0	0	0	0	0	55	26	0	81
1962	0	0	0	1	0	51	58	10	38	53	80	30	321
1963	20	10	1	0	14	0	0	70	46	62	110	74	406
1964	35	5	0	6	20	0	0	0	0	60	25	0	151
1965	3	0	1	42	136	54	39	74	44	55	42	70	562
1966	46	18	14	48	113	28	0	0	5	62	18	0	353
1967	0	1	3	38	75	48	63	0	46	73	115	97	558
1968	56	43	21	36	40	0	0	0	9	30	21	0	255
1969	3	0	0	10	0	0	0	50	36	66	112	111	389
1970	43	11	0	0	76	36	0	2	0	20	48	0	236
1971	0	0	2	31	71	31	0	0	28	12	0	36	209
1972	9	2	1	3	42	8	0	0	0	61	3	0	128
1973	5	10	1	2	53	54	79	82	42	60	101	4	491
1974	3	8	0	46	140	56	69	84	76	81	77	35	674
1975	11	5	1	0	24	25	33	94	35	70	67	3	368
1976	9	11	0	0	22	0	0	8	34	18	3	0	104
1977	4	0	0	0	2	55	0	0	0	0	0	1	62
1978	0	0	0	2	66	0	0	0	34	67	107	72	348
1979	77	49	19	47	123	52	71	69	69	68	52	0	695
1980	8	10	0	0	35	0	13	40	51	72	114	97	442
1981	45	18	22	21	31	0	0	0	0	40	33	0	211
1982	0	4	2	31	83	52	0	56	64	83	115	72	561
1983	78	38	5	32	0	0	0	0	0	72	39	53	318
1984	38	25	3	14	97	27	30	29	39	30	59	16	408
1985	29	12	1	0	53	0	0	0	39	52	12	0	199
1986	11	12	0	11	9	0	0	75	58	79	111	41	407
1987	31	18	22	18	16	0	0	0	0	39	22	0	166
1988	0	0	0	0	43	0	0	0	21	18	10	0	93
1989	0	0	0	0	13	0	0	0	0	48	12	0	73
1990	0	1	0	0	0	0	0	0	23	0	34	0	58
1991	4	0	0	0	11	50	0	0	0	0	24	0	89
1992	0	0	0	0	1	2	0	0	8	0	0	0	11
1993	4	2	0	0	92	52	69	96	21	64	124	72	596
1994	49	21	22	20	20	0	0	0	19	21	6	0	179
AVG:	17	10	5	12	45	20	18	24	27	46	48	23	295
MIN:	0	0	0	0	0	0	0	0	0	0	0	0	6
MAX:	78	49	23	49	140	59	79	96	85	89	124	111	738

Alternative 4 - Millerton Lake Releases from Storage (SR(F))

(TAF)

SR(F) = CP18 Downstream Flow - CP18 Local Inflow

YEAR	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	TOTAL
1922	-14	-43	-71	-75	-8	-85	33	-93	-5	71	169	77	-44
1923	13	-26	-76	-59	22	47	-89	-34	29	48	165	-16	24
1924	-29	-27	-42	-44	21	37	-11	-16	16	64	29	-10	-12
1925	11	-20	-37	-36	-17	43	-63	-63	32	65	37	18	-30
1926	-7	-30	-43	-41	-13	44	-147	-70	120	124	46	-28	-45
1927	-14	-44	-69	-65	-76	-9	3	-50	-42	154	163	22	-27
1928	-1	-56	-69	-63	8	-14	-34	-17	118	121	24	-27	-10
1929	-19	-38	-40	-34	19	13	-61	-3	9	62	97	-27	-22
1930	-3	-38	-34	-34	10	13	-51	-36	53	80	49	-39	-30
1931	-10	-41	-33	-31	16	26	-6	-20	20	64	34	-3	16
1932	-2	-20	-69	-54	-83	46	21	-29	-87	126	71	33	-47
1933	-1	-27	-33	-45	11	33	-60	-62	36	50	104	-3	3
1934	-6	-23	-51	-53	18	22	-39	-42	13	71	49	-24	-65
1935	-10	-28	-45	-69	11	75	-117	-98	-62	163	197	-26	-9
1936	-16	-45	-47	-51	-115	5	-29	-69	66	165	129	-16	-23
1937	-23	-25	-57	-64	-107	-51	-39	-4	-2	172	163	31	-6
1938	-8	-32	-145	-114	0	76	49	169	-365	-30	198	38	-164
1939	23	-4	-51	-34	22	27	-68	-83	86	112	76	-55	51
1940	2	-27	-41	-121	-5	-7	13	-62	34	147	114	-13	34
1941	-24	-31	-108	-113	-19	-71	2	15	-44	34	177	62	-120
1942	25	-30	-81	-79	10	-20	-5	-39	-82	103	165	82	49
1943	-1	-41	-71	-151	4	-107	8	-14	70	143	103	34	-23
1944	-8	-28	-50	-40	-10	53	-30	-4	43	16	8	21	-29
1945	-4	-57	-63	-35	-114	-43	13	-33	-35	109	155	54	-53
1946	13	-46	-93	-65	73	15	-47	-101	56	123	79	-7	0
1947	-2	-49	-81	-66	9	42	-60	-55	86	118	55	-22	-25
1948	-15	-43	-45	-38	20	-25	-108	21	36	175	5	-11	-28
1949	-15	-30	-38	-42	5	44	-37	-61	56	106	10	-31	-33
1950	-7	-34	-48	-59	-22	63	-39	-69	45	107	72	-16	-7
1951	-19	-133	-117	-1	29	32	-29	24	113	124	-2	-42	-21
1952	-16	-34	-94	-120	-6	-37	37	131	-229	24	192	51	-101
1953	20	-40	-65	-63	42	22	-34	14	60	59	43	-7	51
1954	-18	-26	-50	-61	0	17	-40	-100	65	125	100	-41	-29
1955	-14	-37	-63	-67	13	60	-52	-46	29	103	57	-16	-33
1956	-9	-24	-224	-1	0	-88	0	74	-85	51	169	58	-79
1957	25	-24	-43	-31	4	-12	-69	-69	-13	146	147	-24	37
1958	-18	-35	-75	-76	-40	-57	-61	-2	-7	92	156	49	-74
1959	16	-44	-50	-24	-25	28	-84	-84	71	171	71	-14	32
1960	4	-4	-13	-22	-38	15	-51	-36	49	31	31	2	-32
1961	-1	-25	-39	-18	3	-4	-52	-52	44	116	40	-2	10
1962	-2	-8	-31	-18	-149	34	5	-118	-70	125	161	27	-44
1963	-9	-28	-28	-53	-157	-2	-95	-4	-5	58	175	49	-99
1964	37	-79	-93	-35	17	10	-42	-39	43	147	80	-19	27
1965	5	-39	-100	-131	19	9	-27	36	-52	85	94	45	-56
1966	21	-72	-122	-55	74	54	-72	-92	64	151	52	-3	0
1967	-10	-34	-125	-87	-4	-61	34	200	-236	-40	170	60	-133
1968	22	-21	-66	-23	-3	25	-47	-24	61	108	69	-12	89
1969	5	-40	-52	-183	145	10	143	-6	-386	-6	175	83	-112
1970	43	-54	-88	-86	0	25	-2	-7	44	92	108	-5	70
1971	-11	-54	-102	-69	12	57	-32	-14	82	64	17	26	-24
1972	-1	-29	-83	-61	14	27	-47	-27	6	139	36	-1	-27
1973	-20	-33	-69	-84	-66	-2	44	-128	-12	159	181	11	-19
1974	-24	-65	-124	-68	69	-25	-43	-58	-25	164	145	35	-19
1975	-7	-44	-62	-42	-26	31	-25	-14	-142	169	136	-16	-42
1976	-18	-63	-67	-40	8	-21	-15	17	81	76	26	-37	-53
1977	9	-17	-11	-8	3	89	-4	2	0	-10	7	-3	57
1978	0	-2	-48	-143	-119	37	151	30	-314	-6	137	31	-246
1979	41	-30	-56	-50	22	-34	7	-61	40	165	119	-13	150
1980	-18	0	-55	-198	0	8	-43	72	-135	-6	158	100	-117
1981	30	-28	-26	-28	-9	-9	-55	-34	42	110	83	-27	49
1982	-9	-37	-106	-104	0	-88	147	-71	-87	-6	143	18	-200
1983	36	-105	-19	-1	182	77	39	-2	-40	-290	-45	-28	-196
1984	83	-1	0	-1	0	-43	-12	-2	57	107	127	7	322
1985	1	-25	-55	-84	9	25	-98	-62	100	123	45	-3	-24
1986	-17	-50	-88	-81	14	-8	-112	40	-63	89	197	59	-20
1987	-4	-19	-10	-9	-2	-46	-65	-87	44	117	73	-17	-25
1988	-5	-33	-36	-60	34	-38	-48	-35	74	86	34	-8	-35
1989	-2	-28	-25	-28	10	-16	-75	-62	43	124	58	-16	-17
1990	-12	-19	-19	-23	0	-24	-53	-48	66	51	73	-12	-20
1991	7	-15	-16	-18	16	9	-33	-24	-15	13	66	-16	-26
1992	1	-13	-10	-13	-4	26	-9	-4	29	20	8	-3	28
1993	-4	2	-24	-176	-27	-60	-11	-98	-5	21	205	68	-109
1994	24	-20	-30	-13	12	-41	-50	-59	75	90	46	-17	17
AVG:	0	-34	-60	-59	-3	4	-27	-27	-3	85	95	7	-24
MIN:	-29	-133	-224	-198	-157	-107	-147	-128	-386	-290	-45	-55	-246
MAX:	83	2	0	-1	182	89	151	200	120	175	205	100	322

Alternative 4 - Obligation of Friant to Meet Vernalis Objective (FO) (TAF)

FO = Add(Alt3) - SJO

YEAR	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	TOTAL
1922	6	0	0	0	0	0	22	108	0	0	0	0	136
1923	0	0	0	0	0	0	52	70	0	0	0	0	122
1924	0	0	0	0	0	0	11	16	0	0	0	0	27
1925	0	0	0	0	0	0	23	63	0	0	0	0	86
1926	17	0	0	0	0	0	34	70	0	0	0	0	121
1927	27	0	0	0	0	0	24	113	87	0	0	0	251
1928	0	0	0	0	0	0	34	17	0	0	0	0	51
1929	19	0	0	0	0	0	0	3	0	0	0	0	22
1930	3	0	0	0	0	0	15	20	0	0	0	0	38
1931	0	0	0	0	0	0	6	20	0	0	0	0	26
1932	0	0	0	0	0	0	0	68	32	0	0	0	100
1933	0	0	0	0	0	0	31	57	0	0	0	0	88
1934	11	0	0	0	0	0	10	42	0	0	0	0	63
1935	10	0	0	0	0	0	0	0	0	0	0	0	10
1936	0	0	0	0	0	0	0	49	3	0	0	0	52
1937	0	0	0	0	0	0	0	0	0	0	0	0	0
1938	0	0	0	0	0	0	0	0	0	0	0	0	0
1939	0	0	0	0	0	0	0	45	0	0	0	0	45
1940	2	0	0	0	0	0	0	62	0	0	0	0	64
1941	0	0	0	0	0	0	0	0	0	0	0	0	0
1942	0	0	0	0	0	0	0	11	0	0	0	0	11
1943	0	0	0	0	0	0	0	0	15	0	0	0	15
1944	0	0	0	0	0	0	0	4	0	0	0	0	4
1945	14	0	0	0	0	0	0	11	0	0	0	0	25
1946	0	0	0	0	0	0	26	11	0	0	0	0	37
1947	0	0	0	0	0	0	60	55	0	0	0	0	115
1948	15	0	0	0	11	0	21	0	0	0	0	0	47
1949	15	0	0	0	0	0	37	46	0	0	0	0	98
1950	13	0	0	0	0	0	39	69	0	0	0	0	121
1951	25	0	0	0	0	0	29	0	0	0	0	0	54
1952	8	0	0	0	0	0	0	0	0	0	0	0	8
1953	0	0	0	0	0	0	34	0	0	0	0	0	34
1954	22	0	0	0	21	0	3	82	0	0	0	0	128
1955	14	0	0	0	29	0	31	44	0	0	0	0	118
1956	9	0	0	0	0	0	75	0	0	0	0	0	84
1957	0	0	0	0	0	0	69	69	30	0	0	0	168
1958	18	0	0	0	0	0	0	0	0	0	0	0	18
1959	0	0	0	0	0	0	35	67	0	0	0	0	102
1960	0	0	0	0	0	0	9	14	0	0	0	0	23
1961	1	0	0	0	0	0	17	39	0	0	0	0	57
1962	0	0	0	0	0	0	0	85	8	0	0	0	93
1963	27	0	0	0	0	2	0	62	51	0	0	0	142
1964	0	0	0	0	3	0	37	39	0	0	0	0	79
1965	0	0	0	0	0	0	14	38	33	0	0	0	85
1966	0	0	0	0	0	0	72	68	0	0	0	0	140
1967	10	0	0	0	0	0	0	0	0	0	0	0	10
1968	0	0	0	0	0	0	47	24	0	0	0	0	71
1969	0	0	0	0	0	0	0	0	0	0	0	0	0
1970	0	0	0	0	0	0	2	9	0	0	0	0	11
1971	11	0	0	0	0	0	32	14	0	0	0	0	57
1972	10	0	0	0	28	0	47	27	0	0	0	0	112
1973	25	0	0	0	0	0	0	16	0	0	0	0	41
1974	0	0	0	0	0	0	0	31	52	0	0	0	83
1975	0	0	0	0	0	0	0	79	0	0	0	0	79
1976	0	0	0	0	0	0	8	0	0	0	0	0	8
1977	0	0	0	0	0	0	4	0	0	0	0	0	4
1978	0	0	0	0	0	0	0	0	0	0	0	0	0
1979	0	0	0	0	0	0	2	68	21	0	0	0	91
1980	0	0	0	0	0	0	0	0	0	0	0	0	0
1981	0	0	0	0	0	0	51	34	0	0	0	0	85
1982	9	0	0	0	0	0	0	0	0	0	0	0	9
1983	0	0	0	0	0	0	0	0	0	0	0	0	0
1984	0	0	0	0	0	0	42	31	0	0	0	0	73
1985	12	0	0	0	0	0	21	54	0	0	0	0	87
1986	20	0	0	0	0	0	0	0	0	0	0	0	20
1987	0	0	0	0	0	0	0	26	0	0	0	0	26
1988	5	0	0	0	0	0	14	34	0	0	0	0	53
1989	0	0	0	0	0	0	21	23	0	0	0	0	44
1990	0	0	0	0	0	0	14	39	0	0	0	0	53
1991	0	0	0	0	0	0	0	13	0	0	0	0	13
1992	0	0	0	0	0	0	0	4	0	0	0	0	4
1993	0	0	0	0	35	34	80	85	0	0	0	0	234
1994	0	0	0	0	0	0	3	16	0	0	0	0	19
AVG:	5	0	0	0	2	0	17	31	5	0	0	0	60
MIN:	0	0	0	0	0	0	0	0	0	0	0	0	0
MAX:	27	0	0	0	35	34	80	113	87	0	0	0	251

Alternative 4 - Supplemental Water to Meet Delta Outflow (SW(4)) (TAF)

SW(4) = SW(3) + SR(Friant) - (EX(F) IO(Fn)) + FO
 Negative numbers set to zero and adjusted for surplus Delta conditions. IO(Fn) set to zero.

YEAR	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	TOTAL
1922	0	0	0	0	0	0	0	0	0	350	256	6	612
1923	0	0	0	0	0	0	0	0	325	585	375	0	1285
1924	0	0	0	0	0	14	159	319	571	521	240	0	1824
1925	6	0	0	0	0	0	0	0	372	577	273	6	1234
1926	0	0	0	0	0	0	0	95	754	812	418	0	2078
1927	0	0	0	0	0	0	0	0	0	566	354	0	920
1928	0	0	0	0	0	0	0	0	591	896	433	0	1920
1929	0	0	0	0	0	0	0	0	208	552	301	0	1061
1930	0	0	0	0	0	0	0	0	587	613	267	0	1467
1931	0	0	0	0	0	22	156	157	445	476	311	0	1566
1932	0	0	0	0	0	0	0	0	43	500	246	0	789
1933	0	0	0	0	0	0	0	0	150	485	337	0	973
1934	0	0	0	0	0	22	0	85	492	512	262	0	1373
1935	0	0	0	0	0	0	0	0	0	625	317	0	942
1936	0	0	0	0	0	0	0	0	9	720	413	0	1142
1937	0	0	0	0	0	0	0	0	81	751	422	0	1254
1938	0	0	0	0	0	0	0	0	0	0	141	0	141
1939	0	0	0	0	0	0	54	47	789	678	369	0	1936
1940	0	0	0	0	0	0	0	0	270	781	406	0	1458
1941	0	0	0	0	0	0	0	0	0	196	189	0	385
1942	0	0	0	0	0	0	0	0	0	210	188	0	398
1943	0	0	0	0	0	0	0	0	0	596	302	0	898
1944	0	0	0	0	0	0	0	0	528	646	336	0	1510
1945	0	0	0	0	0	0	0	0	75	697	357	0	1129
1946	0	0	0	0	0	0	0	0	422	637	298	0	1358
1947	0	0	0	0	0	0	0	134	516	780	366	0	1796
1948	0	0	0	0	0	0	0	0	0	504	304	0	808
1949	0	0	0	0	0	0	0	0	606	712	298	0	1616
1950	0	0	0	0	0	0	0	0	235	580	223	0	1038
1951	0	0	0	0	0	0	0	0	470	785	208	0	1463
1952	0	0	0	0	0	0	0	0	0	0	83	0	83
1953	0	0	0	0	0	0	0	0	0	233	102	0	335
1954	0	0	0	0	0	0	0	33	304	786	207	0	1329
1955	0	0	0	0	0	0	0	0	553	726	359	0	1638
1956	0	0	0	0	0	0	0	0	0	108	66	0	174
1957	0	0	0	0	0	0	0	0	112	629	241	0	982
1958	0	0	0	0	0	0	0	0	0	8	68	0	76
1959	0	0	0	0	0	14	0	0	713	790	316	0	1834
1960	4	0	0	0	0	0	0	0	657	695	370	2	1728
1961	0	0	0	0	0	0	0	0	596	780	386	0	1762
1962	0	0	0	0	0	0	0	0	142	726	364	0	1231
1963	0	0	0	0	0	0	0	0	0	376	166	0	542
1964	0	0	0	0	0	0	0	0	444	764	379	0	1587
1965	2	0	0	0	0	0	0	0	0	404	52	0	457
1966	0	0	0	0	0	0	0	15	666	755	308	0	1744
1967	0	0	0	0	0	0	0	0	0	0	55	0	55
1968	0	0	0	0	0	0	0	0	632	719	48	0	1400
1969	2	0	0	0	0	0	0	0	0	0	63	0	64
1970	0	0	0	0	0	0	0	0	345	608	173	0	1126
1971	0	0	0	0	0	0	0	0	0	185	42	0	227
1972	0	0	0	0	0	0	0	0	621	755	234	0	1610
1973	0	0	0	0	0	0	0	0	367	697	199	7	1270
1974	0	0	0	0	0	0	0	0	0	83	68	0	152
1975	0	0	0	0	0	0	0	0	0	174	69	0	243
1976	0	0	0	0	0	0	0	88	737	547	57	0	1429
1977	5	0	0	0	190	34	311	118	516	410	133	0	1717
1978	41	0	0	0	0	0	0	0	0	370	219	0	630
1979	0	0	0	0	0	0	0	0	628	617	168	0	1413
1980	0	0	0	0	0	0	0	0	0	145	119	0	264
1981	0	0	0	0	0	0	0	0	741	709	256	0	1706
1982	0	0	0	0	0	0	0	0	0	0	28	0	28
1983	0	0	0	0	0	0	0	0	0	0	0	0	0
1984	0	0	0	0	0	0	0	0	209	572	68	0	849
1985	0	0	0	0	0	0	0	267	824	726	294	0	2111
1986	0	0	0	0	0	0	0	0	0	592	249	0	841
1987	0	0	0	0	0	0	0	167	1015	744	420	0	2346
1988	0	0	0	0	0	0	0	11	558	676	356	0	1600
1989	0	0	0	0	0	0	0	0	570	655	212	0	1438
1990	0	0	0	0	0	0	31	0	470	665	321	0	1487
1991	3	0	0	0	80	0	0	0	177	320	163	0	743
1992	1	0	0	0	0	0	0	143	521	438	277	0	1380
1993	0	0	0	0	0	0	0	0	0	324	88	0	412
1994	0	0	0	0	0	0	0	0	741	524	217	0	1481
AVG:	1	0	0	0	4	1	10	23	307	512	237	0	1095
MIN:	0	0	0	0	0	0	0	0	0	0	0	0	0
MAX:	41	0	0	0	190	34	311	319	1015	896	433	7	2346

San Joaquin Basin - Cumulative Direct Diversion, TAF

Priority Group	Right Number	Appl Id	File Date	DSA	Last Name (Company)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	1	A014858B	07/18/88	39	U S BUREAU OF RECLAMATION (New Melones Lk)												
1	2	A027586	11/17/82	49	U S FISH & WILDLIFE SERVICE (Merced NWR)	0	0	0	0	0	0	0	0	0	0	0	0
1	3	A027546	09/30/82	49	NEW STONE WATER DISTRICT	0	0	0	0	0	0	0	0	0	0	0	0
1	4	A026875	06/16/81	49	MENEFEE RIVER RANCH COMPANY	0	0	0.2	0.3	0.4	0.4	0.4	0.4	0.3	0.1	0	0
1	5	A026757	03/19/81	49	MENEFEE HILL RANCH COMPANY	0	0	0.2	0.3	0.4	0.4	0.4	0.4	0.3	0.1	0	0
1	6	A023031	04/18/68	49	GRAVELY FORD WATER DISTRICT	0	0	0.2	0.3	0.4	0.4	0.4	0.4	0.3	0.1	0	0
1	7	A022980	02/07/68	40	PINE MOUNTAIN LAKE ASSOCIATION	0	0	0.2	0.3	0.4	0.4	0.4	0.4	0.3	0.1	0	0
1	8	A019304	03/11/60	39	U S BUREAU OF RECLAMATION (New Melones Lk)												
1	9	A019149	12/23/59	39	CALAVERAS COUNTY WATER DIST												
1	10	A018774	06/08/59	49	EL NIDO IRRIGATION DISTRICT	0	0	0.2	0.3	0.4	0.4	0.4	0.4	0.3	0.1	0	0
1	11	A018733	05/22/59	45	U S BUREAU OF RECLAMATION (Hidden Lake)												
1	12	A018714	05/15/59	43	U S BUREAU OF RECLAMATION (Eastman Lk)												
1	13	A017966	01/29/58	49	MCMULLIN RECL DISTRICT #2075	0	0	0.2	0.3	0.4	0.4	0.4	0.4	0.3	0.1	0	0
1	14	A016604	09/15/55	49	GALLO CATTLE COMPANY, A PARTNERSHIP	0	0	0.2	0.4	0.6	0.6	0.6	0.6	0.3	0.1	0	0
1	15	A016329	04/21/55	49	JOSEPH GALLO FARMS	0	0	0.5	1.1	1.3	1.4	1.4	1.3	1.0	0.3	0	0
1	16	A016186	12/23/54	41	MERCED IRRIGATION DISTRICT												
1	17	A016136	11/15/54	49	MENEFEE RIVER RANCH COMPANY	0	0	0.5	1.1	1.3	1.4	1.4	1.3	1.0	0.3	0	0
1	18	A015628	12/02/53	49	GALLO BEAR CREEK RANCH	0	0	0.5	1.6	2.2	2.6	2.6	2.4	1.4	0.5	0	0
1	19	A014858A	06/16/52	39	U S BUREAU OF RECLAMATION (New Melones Lk)												
1	20	A014582	11/19/51	49	CA DEPT OF FISH & GAME (Los Banos Wildlife A	0	0	0.8	2.1	3.2	3.7	3.8	3.5	1.9	0.6	0	0
1	21	A014127	01/16/51	40	TURLOCK I D & MODESTO I D												
1	22	A013628	03/10/50	49	BROCCHINI	0	0	0.8	2.1	3.2	3.7	3.8	3.5	1.9	0.6	0	0
1	23	A013541	01/13/50	49	WEAVER	0	0	0.8	2.1	3.2	3.7	3.8	3.5	1.9	0.6	0	0
2	24	A013175	06/27/49	49	CHOWCHILLA WATER DISTRICT	0	0	6.3	7.6	8.7	9.2	9.3	3.5	1.9	0.6	0	0
2	25	A013091	05/13/49	39	CALAVERAS COUNTY WATER DIST												
2	26	A013093A	05/13/49	39	CALAVERAS COUNTY WATER DIST												
2	27	A012912	01/25/49	39	CALAVERAS COUNTY WATER DIST												
2	28	A012910	01/25/49	39	CALAVERAS COUNTY WATER DIST												
2	29	A012635	08/06/48	49	W P RODUNER CATTLE & FARMING CO	0	0	6.4	7.8	9.1	9.7	9.8	4.0	2.0	0.7	0	0
2	30	A012490	04/28/48	49	OAKDALE I D & SOUTH SAN JOAQUIN I D												
2	31	A011792B	03/24/47	39	CALAVERAS COUNTY WATER DIST												
2	32	A011687	01/08/47	49	U S FISH & WILDLIFE SERVICE (San Luis NWR)	0	0	6.4	7.8	9.1	9.7	9.8	4.0	2.0	0.7	0	0
2	33	A011688	01/08/47	49	U S FISH & WILDLIFE SERVICE (San Luis NWR)	0	0	6.4	7.8	9.1	9.7	9.8	4.0	2.0	0.7	0	0
2	34	A011653	12/10/46	49	W P RODUNER CATTLE & FARMING CO	0	0	6.4	7.8	9.1	9.7	9.8	4.0	2.0	0.7	0	0
2	35	A011105	07/13/45	49	OAKDALE I D & SOUTH SAN JOAQUIN I D												
2	36	A011047	05/09/45	49	CHOWCHILLA WATER DISTRICT	0	0	6.6	8.2	9.8	10.4	10.5	4.7	2.5	0.8	0	0
2	37	A011003A	03/09/45	49	TRIANGLE T RANCH INCORPORATED	0	0	6.6	8.2	9.8	10.4	10.5	4.7	2.5	0.8	0	0
2	38	A010978	02/10/45	49	OAKDALE I D & SOUTH SAN JOAQUIN I D												
3	39	A010872	08/30/44	49	OAKDALE I D & SOUTH SAN JOAQUIN I D												
3	40	A010572	12/11/42	49	MERCED IRRIGATION DISTRICT	0	0	6.6	8.2	9.8	10.4	10.5	4.7	2.5	0.8	0	0
3	41	A009997	09/06/40	49	TURLOCK I D & MODESTO I D	0	0	6.6	8.2	9.8	10.4	10.5	4.7	2.5	0.8	0	0
3	42	A009834	02/21/40	49	BROCCHINI	0	0	6.6	8.3	9.9	10.6	10.7	4.8	2.5	0.8	0	0
3	43	A009666	07/17/39	49	OAKDALE IRRIGATION DIST	0	0	6.6	8.3	10.0	10.7	10.8	4.9	2.6	0.9	0	0
3	44	A008892	02/03/37	49	OAKDALE IRRIGATION DIST	0	0	6.6	8.3	10.2	10.9	11.1	5.2	2.7	0.9	0	0
3	45	A008238	02/11/35	49	EL NIDO IRRIGATION DISTRICT	0.3	0.6	7.8	9.0	10.2	10.9	11.1	5.2	2.7	0.9	0	0
3	46	A007012	07/20/31	49	STEVINSON WATER DIST	0.3	0.6	7.8	9.0	10.2	10.9	11.1	5.2	2.7	0.9	0	0
3	47	A006963	05/19/31	49	BROCCHINI	0.3	0.6	7.8	9.1	10.4	11.2	11.3	5.4	2.8	0.9	0	0
3	48	A006807	09/27/30	49	EL NIDO IRRIGATION DISTRICT	0.3	0.6	8.0	9.3	10.4	11.2	11.3	5.4	2.8	0.9	0	0
3	49	A006711	06/25/30	49	TURLOCK I D & MODESTO I D	0.3	0.6	8.0	9.3	10.4	11.2	11.3	5.4	2.8	0.9	0	0
4	50	A006130	12/04/28	39	PACIFIC GAS & ELECTRIC COMPANY												
4	51	A006114	11/09/28	49	W P RODUNER CATTLE & FARMING CO	0.3	0.6	8.0	9.3	10.5	11.2	11.3	5.4	2.8	0.9	0	0
4	52	A006111	11/05/28	49	STEVINSON WATER DIST	0.3	0.6	8.0	9.3	10.5	11.2	11.3	5.4	2.8	0.9	0	0
4	53	A005724	10/17/27	49	STEVINSON WATER DIST	0.3	0.6	8.5	10.3	12.3	13.8	14.0	7.6	3.7	1.2	0	0
4	54	A005638	07/30/27	46	U S BUREAU OF RECLAMATION (Friant)												
4	55	A005648A	07/30/27	49	OAKDALE I D & SOUTH SAN JOAQUIN I D												
5	56	A005386	03/21/27	49	BANK OF AMERICA NT & SA	0.3	0.6	8.7	10.6	12.9	14.5	14.9	8.3	4.0	1.3	0	0

San Joaquin Basin - Cumulative Direct Diversion, TAF

Priority Group	Right Number	Appl Id	File Date	DSA	Last Name (Company)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
5	57	A005316	12/24/26	49	MCMULLIN RECL DISTRICT #2075	0.3	0.6	9.0	11.2	14.0	16.1	16.5	9.7	4.5	1.5	0	0
5	58	A004460	02/14/25	49	RIVER JUNCTION RECL DIST NO 2064	0.3	0.6	9.5	12.2	15.9	18.7	19.2	11.9	5.4	1.5	0	0
5	59	A004237	09/26/24	49	TWIN OAKS IRRIGATION COMPANY	0.3	0.6	9.7	12.6	16.8	19.9	20.4	12.9	5.8	1.6	0	0
5	60	A003648	09/24/23	49	TURLOCK I D & MODESTO I D	0.3	0.6	9.7	12.6	16.8	19.9	20.4	12.9	5.8	1.6	0	0
5	61	A003091	10/19/22	49	OAKDALE IRRIGATION DIST												
6	62	A002524	08/29/21	49	SOUTH SAN JOAQUIN IRRIGATION DIST												
6	63	A001987	08/27/20	49	WEST STANISLAUS IRRIGATION DIST	0.3	0.6	12.3	17.8	26.6	33.3	34.6	24.5	10.4	3.2	0	0
6	64	A001885	06/28/20	49	STEVINSON WATER DIST	0.3	0.6	12.5	18.2	27.5	34.5	35.9	25.6	10.9	3.3	0	0
6	65	A001476	10/10/19	49	EL SOLYO WATER DISTRICT	0.3	0.6	12.8	18.9	28.8	36.3	37.8	27.1	11.5	3.5	0	0
6	66	A001465	09/26/19	46	U S BUREAU OF RECLAMATION (Friant)												
7	67	A001233	04/08/19	40	TURLOCK I D & MODESTO I D												
7	68	A001224	03/26/19	49	MERCED IRRIGATION DISTRICT	0.3	0.6	12.8	18.9	28.8	36.3	37.8	27.1	11.5	3.5	0	0
7	69	A001195	02/26/19	49	CODDINGTON	0.3	0.6	13.1	19.4	29.7	37.5	39.1	28.2	11.9	3.7	0	0
7	70	A001081	09/20/18	49	OAKDALE I D & SOUTH SAN JOAQUIN I D												
8	71	A000234	01/19/16	46	U S BUREAU OF RECLAMATION (Friant)												
8	72	A000023	03/27/15	46	U S BUREAU OF RECLAMATION (Friant)												

Major Central Valley Water Right Cumulative Direct Diversion by Priority Group, TAF

Priority Group	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
1	0.0	0.1	1.8	7.8	13.7	20.1	20.1	14.8	7.0	3.7	1.5	1.0	91.7
2	0.0	0.2	2.5	10.9	19.0	27.9	26.9	19.7	9.1	5.0	1.8	1.2	124.1
3	0.0	0.2	3.6	17.6	25.9	37.4	36.8	26.8	10.3	5.4	1.9	1.3	167.1
4	0.0	0.2	4.2	19.9	29.9	43.5	43.4	31.4	12.2	6.2	2.2	1.4	194.6
5	0.0	0.5	9.9	39.9	68.7	107.7	119.6	81.6	39.7	22.9	5.6	3.4	499.5
6	0.0	0.6	12.0	46.4	92.7	146.3	163.1	112.6	56.6	33.4	7.1	3.4	674.3
7	0.0	0.6	12.2	47.7	95.0	149.2	166.2	115.3	57.6	33.7	7.1	3.4	688.1
8	0.0	0.6	12.3	49.6	98.6	154.9	172.6	119.9	60.1	35.2	7.1	3.4	714.3

Major Water Right Holder Consumptive Use of Applied Water by DSA, TAF

DSA	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
12	0	0	0	1.0	1.1	1.4	0.9	0.7	0.1	0.1	0	0	5.2
15	0	0	0.1	1.7	2.7	3.6	4.0	3.2	1.2	0.4	0	0	16.9
49	0	0	5.0	10.5	16.3	22.2	21.1	17.2	6.9	2.0	0	0	101.1
59	0	0	0	0.1	0.3	0.4	0.4	0.3	0.2	0	0	0	1.8
65	0	0	0	0.7	1.3	1.9	2.2	1.6	0.6	0.1	0	0	8.5
69	0	0	0.1	9.6	13.8	17.4	16.9	12.7	1.5	0.3	0	0	72.4
70	0	0	0	0.2	0.2	0.8	0.8	0.2	0	0	0	0	2.2
55	0	0.6	7.1	25.8	62.9	107.2	126.4	83.9	49.6	32.3	7.1	3.4	506.3
Total	0	0.6	12.3	49.6	98.6	154.9	172.6	119.9	60.1	35.2	7.1	3.4	714.3

Alternative 3 - Friant Direct Diversion (TAF)

YEAR	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	TOTAL
1922	53	24	4	10	102	62	195	236	309	249	149	117	1510
1923	83	33	29	37	88	129	100	198	213	198	108	83	1299
1924	37	21	4	0	39	18	42	46	52	54	52	45	410
1925	33	17	3	0	56	92	93	117	188	135	112	90	936
1926	54	19	4	0	61	87	53	128	109	92	69	45	721
1927	58	28	3	6	84	191	200	238	266	159	140	126	1499
1928	72	25	1	2	76	122	120	135	113	69	66	37	838
1929	31	3	3	8	39	53	42	95	129	81	55	32	571
1930	29	1	3	7	47	74	56	69	102	78	57	32	555
1931	28	1	4	7	37	34	44	45	60	62	60	55	437
1932	36	18	3	2	71	134	200	237	267	183	150	114	1415
1933	50	16	3	0	52	97	78	99	150	108	89	32	774
1934	39	18	3	0	52	83	43	45	73	84	77	32	549
1935	37	16	4	0	77	103	119	243	269	157	101	78	1204
1936	31	3	4	11	62	180	204	247	239	151	126	109	1367
1937	50	26	4	0	44	175	177	245	310	155	131	113	1430
1938	52	21	5	14	94	0	80	0	271	303	154	161	1155
1939	86	56	29	40	70	94	57	60	104	96	93	41	826
1940	49	20	4	3	127	190	211	213	225	127	93	70	1332
1941	32	17	5	15	104	167	246	244	248	285	150	139	1652
1942	75	35	29	47	110	188	223	290	306	228	146	108	1785
1943	76	28	3	0	134	44	214	219	239	152	150	119	1378
1944	57	21	4	0	60	118	101	154	165	143	114	108	1045
1945	84	35	23	33	69	167	217	226	260	181	156	134	1585
1946	100	47	23	53	95	142	157	144	185	130	120	111	1307
1947	66	22	3	9	84	97	76	90	99	85	71	48	750
1948	30	2	4	10	47	44	55	162	209	110	88	81	842
1949	39	18	4	0	55	87	124	120	164	97	87	59	854
1950	53	22	4	0	79	100	116	119	164	106	107	76	946
1951	89	58	0	61	158	148	121	154	150	118	104	54	1215
1952	44	20	5	30	124	167	149	99	280	293	153	149	1513
1953	90	50	24	45	76	87	72	110	141	134	111	79	1019
1954	50	24	4	0	80	114	128	127	153	101	83	37	901
1955	40	18	4	5	77	88	52	125	168	106	84	64	831
1956	42	18	25	61	118	97	251	173	244	268	156	142	1595
1957	95	50	27	31	77	85	59	93	229	124	106	57	1033
1958	45	22	4	10	100	170	235	287	288	242	154	144	1701
1959	89	41	25	31	75	122	62	72	124	56	35	42	774
1960	30	15	0	0	40	73	48	65	93	91	98	75	628
1961	27	1	1	5	33	40	42	49	86	31	40	41	396
1962	12	8	0	7	33	152	209	166	259	172	138	112	1268
1963	63	25	4	0	57	108	107	236	260	243	155	150	1408
1964	57	20	0	13	49	68	52	72	135	99	110	79	754
1965	20	1	4	53	170	182	182	205	265	210	159	149	1600
1966	85	35	19	60	92	116	81	72	125	92	71	46	894
1967	34	15	6	48	123	183	162	0	277	302	185	170	1505
1968	89	62	27	46	89	79	54	66	96	102	98	67	875
1969	21	1	3	17	0	51	0	238	274	299	178	167	1249
1970	62	27	2	0	125	151	126	157	149	138	108	81	1126
1971	28	1	5	40	106	111	109	135	147	145	131	111	1069
1972	53	17	4	10	76	114	48	72	120	86	84	46	730
1973	49	25	4	8	100	187	205	256	268	152	115	90	1459
1974	44	23	1	57	123	190	206	276	308	166	152	108	1654
1975	54	20	4	2	65	131	185	277	269	138	113	105	1363
1976	55	27	0	0	49	55	45	35	57	49	68	52	492
1977	22	3	0	3	11	3	1	2	57	56	48	35	241
1978	0	5	0	5	115	21	0	163	277	308	194	170	1258
1979	100	68	25	59	146	176	226	261	255	133	131	77	1657
1980	51	24	1	0	76	95	200	164	290	317	184	130	1532
1981	70	35	28	30	79	83	90	114	105	92	89	48	863
1982	41	18	5	40	131	161	0	249	304	335	201	177	1662
1983	98	55	9	43	0	0	0	2	223	326	249	172	1177
1984	2	41	6	23	146	161	172	183	187	153	138	110	1322
1985	77	28	4	1	92	100	90	107	99	68	73	89	828
1986	55	27	3	18	30	93	149	236	299	245	126	96	1377
1987	81	34	28	27	54	37	47	46	90	94	103	32	673
1988	27	1	2	6	50	51	45	64	89	91	61	41	528
1989	26	1	1	4	38	89	61	57	105	96	103	32	613
1990	31	15	2	0	36	58	46	47	52	112	63	33	495
1991	19	2	0	4	12	108	69	101	143	148	83	38	727
1992	23	1	0	4	29	52	45	46	24	45	36	25	330
1993	41	1	0	0	143	178	256	280	262	297	123	132	1713
1994	87	38	28	29	48	39	48	61	104	96	94	57	729
AVG:	51	22	8	17	76	105	112	141	184	151	112	86	1065
MIN:	0	1	0	0	0	0	0	0	24	31	35	25	241
MAX:	100	68	29	61	170	191	256	290	310	335	249	177	1785

Annual CVP Deliveries To Sacramento Valley Contractors, af

Contractor	Contract	DSA	Status	1982	1983	1984	1985	1986	1987	1988	1989	7 Year Average
Alexander, Tom	7754A	10	WRX	0	0	0	0	0	0	22	22	6
Corning Water District	6575	10	WS	21,199	20,002	27,355	26,389	23,563	24,872	26,128	22,142	24,521
Freeman, Frank	2212A	10	WRX	16	16	16	0	16	16	16	16	14
Kirkwood Water District	W0056	10	WS	251	435	471	373	529	514	676	654	495
McLane, Robert	4446A	10	WRX	47	31	40	43	43	43	47	47	44
Nature Conservancy	3774A	10	WRX	0	0	0	0	0	0	0	41	6
Penner, Roger	0960A	10	WRX	180	180	180	180	180	180	180	180	180
Proberta Water District	7311	10	WS	4,759	6,138	6,312	5,685	5,453	5,122	6,583	5,498	5,630
Ramos, Mildred	2368A	10	WRX	16	16	16	16	16	16	16	16	16
Thomes Creek Water District	5271A	10	WS	6,956	3,552	6,273	8,292	8,227	8,445	7,708	5,167	7,295
Total DSA 10				33,424	30,370	40,663	40,978	38,027	39,208	41,376	33,783	38,208
4-M Water District (from Colusa Co.)	W0183	12	WS	3,021	2,481	3,510	3,273	2,136	2,572	2,578	2,609	2,814
Colusa County Water District	0304A	12	WS	21,974	19,135	31,904	37,945	42,325	61,582	61,169	53,927	44,404
Colusa Co. Water Dist (from Colusa Co.)	W0220	12	WS	0	0	0	0	1,491	1,491	2,058	5,965	1,572
Colusa Drain MWC	W0693	12	WR	0	0	0	0	0	0	38,707	48,915	12,517
Cortina Water District (from Colusa Co.)	W0206	12	WS	1,510	1,046	1,431	1,733	1,447	1,954	1,814	1,628	1,645
Davis Water District	6001A	12	WS	4,727	2,138	4,804	5,373	5,328	4,478	6,061	6,396	5,310
Dunnigan Water District	0399A	12	WS	296	6,156	14,887	13,058	11,261	14,913	15,530	13,813	11,965
Glen Colusa I.D.	0855A	12	WR	750,289	595,538	830,464	802,252	787,250	771,641	720,359	765,668	775,418
Glenn Valley Water District	W0219	12	WS	892	440	841	375	771	817	1,261	1,197	879
Glide Water District	W0040	12	WS	11,647	5,706	13,366	13,704	13,237	13,225	13,526	12,873	13,083
Holthouse Water District (from Colusa Co.)	W0224	12	WS	1,441	1,083	1,937	2,293	1,829	2,470	2,510	1,510	1,999
Kanawha Water District	0466A	12	WS	33,578	26,212	39,646	41,699	36,288	37,378	38,781	38,632	38,000
La Grande Water District	W0022	12	WS	5,237	4,220	5,000	5,000	5,715	5,000	5,000	5,000	5,136
La Grande Water Dist. (from Colusa Co.)	W0190	12	WS	2,301	0	1,388	1,899	550	1,293	1,817	786	1,433
Maxwell I.D.	6078A	12	WR	4,610	1,813	2,683	174	0	0	150	0	1,088
Myers-Marsh MWC (from Colusa Co.)	W0225	12	WS	209	49	304	684	652	414	365	440	438
Orland-Artois Water District	8382A	12	WS	46,968	48,379	74,407	73,364	69,590	77,675	84,127	67,573	70,529
Princeton-Codora-Glen I.D.	0849A	12	WR	53,879	37,017	55,033	61,978	52,257	56,476	51,942	53,032	54,942
Provident I.D.	0856A	12	WR	41,928	39,155	37,928	48,159	43,996	32,787	34,058	34,595	39,064
Westside Water District	8222	12	WS	24,572	22,012	25,000	25,000	24,681	29,511	25,000	24,604	25,481
Westside Water Dist. (from Colusa Co.)	W0182	12	WS	0	0	11,306	8,296	10,000	10,000	11,574	9,053	8,604
Total DSA 12				1,009,079	812,580	1,155,839	1,146,259	1,110,804	1,125,677	1,118,387	1,148,216	1,116,323
A & F Boeger Corp.	1053A	15	WR	2,294	1,464	2,591	1,276	2,220	2,373	1,724	1,365	1,978
Anderson, Ray	1726A	15	WRX	190	190	190	188	190	188	188	192	189
Andreotti, Arthur	1898A	15	WR	2,817	367	1,115	1,929	1,541	2,839	3,065	1,712	2,145

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Contractor	Contract	DSA	Status	1982	1983	1984	1985	1986	1987	1988	1989	7 Year Average
Baber, Jack	1604A	15	WR	2,750	2,227	3,648	2,382	1,023	467	940	1,721	1,847
Beckley, Ralph	8118A	15	WR	260	140	0	260	0	65	0	277	123
Broomieside Farms (Reynen)	1286A	15	WR	11,019	5,044	7,603	9,263	8,311	8,812	6,022	7,339	8,338
Buchholz, Bruce	0889A	15	WRX	200	200	200	200	200	179	0	179	165
Butler, Leslie	2365A	15	WRX	340	217	392	347	347	347	347	404	361
Butte Creek Farms #1	2851A	15	WRX	36	36	36	36	36	36	36	36	36
Butte Creek Farms #2	5206A	15	WRX	95	95	95	95	95	95	95	95	95
Butte Creek Farms #3	7744A	15	WRX	640	89	640	640	640	640	640	640	640
Cannell, Fred et al.	5210A	15	WRX	524	490	746	839	781	709	798	515	702
Carter, Jane F.	4617A	15	WR	740	545	129	975	874	741	643	1,029	733
Chesney, Carson	0930A	15	WRX	0	0	0	0	0	0	0	0	0
Churkin, Michael	7227A	15	WRX	0	0	130	130	130	130	130	133	112
Clauss, John	2045A	15	WR	2,094	1,959	1,747	1,740	1,643	2,367	2,033	1,558	1,883
Colusa Irrigation Co.	1086A	15	WRX	405	202	213	303	468	720	367	535	430
Colusa Properties, Inc.	2042A	15	WR	1,937	1,168	465	598	365	502	389	550	687
Cribari, Emile	5215A	15	WRX	35	35	35	35	35	35	35	35	35
Davis, Grover	1851A	15	WRX	0	0	0	0	0	0	0	0	0
Drew, Jerry	2250A	15	WRX	28	0	0	0	0	0	0	0	4
Driver, Gary	8595A	15	WR	30	30	30	30	30	30	30	30	30
Driver, John	2398A	15	WRX	16	16	16	16	16	0	0	16	11
Driver, John & Clare	1314A	15	WRX	230	189	189	101	101	101	101	230	150
Eggleston, Ronald	7339A	15	WRX	0	0	0	0	0	0	0	0	0
Ehrke, Allen	8330A	15	WR	311	0	311	345	311	276	345	311	316
Fargo & Haggerty	W0117	15	WRX	2,607	864	3,642	1,701	2,975	2,836	2,523	2,617	2,700
Fedora, Sibley	2916A	15	WR	210	208	210	208	12	210	0	220	153
Fory, David	7691A	15	WRX	1,873	1,210	1,369	1,876	1,300	1,888	2,014	1,472	1,685
Gillaspy, Fay	8117A	15	WR	203	147	0	203	177	0	203	187	139
Giusti, Frank	4076A	15	WR	1,610	1,610	1,610	1,610	1,610	1,610	1,610	1,610	1,610
Green Island Farms	W0001	15	WRX	820	0	820	529	0	0	0	487	379
Griffin, Joseph	2895A	15	WR	1,995	1,456	2,631	1,914	1,886	1,362	1,895	1,586	1,896
Hale & Marks	7572A	15	WRX	130	130	130	130	130	130	130	130	130
Hale & Marks	1638A	15	WRX	67	67	67	67	67	67	67	67	67
Henle, John	0932A	15	WR	93	70	103	36	46	278	170	172	128
Hiatt, Glen	0880A	15	WR	1,450	1,344	1,864	1,309	1,411	1,527	1,639	620	1,403
Hollins, Mariette	2993A	15	WR	1,527	1,291	1,578	1,465	1,496	1,420	1,422	1,531	1,491
Howald Farms	1042A	15	WRX	1,507	1,676	1,634	1,904	2,004	2,015	1,615	1,308	1,712
Kary, Carol	2520A	15	WRX	624	366	915	685	468	1,212	949	577	776
Lamb Family Trust	2486A	15	WR	303	0	173	0	0	260	0	0	105

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Contractor	Contract	DSA	Status	1982	1983	1984	1985	1986	1987	1988	1989	7 Year Average
Lockett & O.Brien	4105A	15	WR	321	366	742	685	468	952	949	577	671
Locvich, Paul	1945A	15	WRX	0	0	0	116	0	0	0	0	17
Lonon, Michael et al.	8658A	15	WRX	916	667	1,155	0	0	223	533	888	531
Martin, Andrew	1827A	15	WRX	0	0	0	0	0	0	0	0	0
Mayfair Farms	1976A	15	WRX	280	280	280	280	280	280	280	280	280
McLaughlin, Jack	2514A	15	WRX	0	0	0	0	0	0	0	0	0
Meridian Farms Water Co.	0838A	15	WR	21,907	24,340	26,426	29,212	23,645	27,774	26,107	25,367	25,777
Mirbach/Harff	7556A	15	WRX	68	0	134	0	0	0	0	0	29
ML Farms (Wakida)	5200A	15	WR	515	155	515	355	355	515	426	426	444
Munson, James	7049A	15	WR	139	137	139	139	139	139	139	139	139
M&T, Inc.	0940A	15	WR	3,909	228	1,309	5,070	5,718	6,743	7,115	9,007	5,553
Nelson, Thomas	1954A	15	WR	0	136	0	136	79	0	95	126	62
Odysseus Farms	1664A	15	WRX	309	147	678	349	274	529	684	472	471
Oji Brothers Farm	3753A	15	WR	969	1,402	1,443	1,695	1,444	2,478	1,553	1,468	1,579
Oji, Masanobu	2427A	15	WR	1,415	1,244	1,263	1,509	2,172	1,350	1,112	274	1,299
Olive Percy Davis Trust	2146A	15	WR	29,032	22,444	28,034	29,664	27,525	24,082	23,960	24,158	26,636
Pelger Mutual Water Co.	2073A	15	WR	4,525	1,760	3,520	3,490	4,172	3,656	4,160	2,271	3,685
Pires, Lawrence	7744A	15	WRX	1,200	649	1,200	1,200	1,200	1,200	1,200	1,200	1,200
Premier Farmland Partners III	0931A	15	WR	3,756	3,236	5,479	3,046	609	5,122	3,693	3,763	3,638
Quad H Ranches	2153A	15	WR	500	500	500	500	500	500	500	0	429
Reclamation District #1004	0890A	15	WR	57,078	47,873	68,605	71,783	61,467	58,154	73,307	56,547	63,849
Reclamation District #108	0876A	15	WR	174,836	93,855	144,557	138,512	124,479	135,408	126,842	110,056	136,384
Reische, Laverne	1150A	15	WRX	483	483	520	462	493	509	520	520	501
Ritchey, Addie	1426A	15	WR	171	171	170	0	0	156	181	0	97
River Garden Farms Co.	0878A	15	WR	18,398	6,307	17,696	24,477	19,192	21,650	13,168	17,716	18,900
Roberts Ditch Irrigation Co.	0935A	15	WRX	2,838	1,096	2,261	2,065	1,579	2,237	2,000	2,221	2,172
Sartain Mutual Water Co.	2401A	15	WR	3,659	348	4,524	4,554	2,440	3,047	4,054	2,914	3,599
Seaver, Charles	3296A	15	WR	131	138	0	63	0	131	66	66	65
Spence, Ruth	4829A	15	WR	254	215	378	308	561	359	373	549	397
Stegeman Station Ranch, Inc.	5211A	15	WRX	0	0	0	0	0	636	274	655	224
Steidlmayer, Francis	0874A	15	WRX	616	0	1,224	608	608	608	1,248	1,248	880
Sutter Mutual Water Co.	0815A	15	WR	236,747	150,333	209,727	204,854	200,171	197,985	189,366	198,790	205,377
Swinford Tract Irrigation Co.	2145A	15	WRX	225	61	177	180	129	156	193	195	179
Tarke, James (Hulbert & Tarke)	1949A	15	WR	1,263	1,227	1,372	1,618	1,191	1,258	416	1,104	1,175
Thompson, Meryle	7206A	15	WRX	180	0	180	180	180	0	180	102	143
Tisdale Irrigation & Drainage Co.	2781A	15	WR	7,507	7,018	8,640	5,434	6,053	9,163	8,612	7,803	7,602
Tuttle, Charles	7296A	15	WR	0	0	0	0	0	0	0	0	0
Wakida, Masaru	1415A	15	WRX	325	325	325	246	0	287	325	325	262

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Contractor	Contract	DSA	Status	1982	1983	1984	1985	1986	1987	1988	1989	7 Year Average
Wells, Joyce	2896A	15	WRX	1,188	790	991	1,060	1,082	1,209	967	1,022	1,074
Westfall, Ralph	3591A	15	WRX	148	148	148	148	148	148	148	148	148
Young, Russell	2552A	15	WRX	10	10	10	10	10	0	0	10	7
Total DSA 15				617,828	393,231	571,589	569,373	521,302	545,111	526,911	503,893	550,858
Anderson Cottonwood I.D.	3346A	58	WR	146,035	135,919	152,872	151,435	139,539	158,825	144,943	121,033	144,955
Bella Vista Water District	0851A	58	WS	6,065	5,840	6,775	7,896	14,555	14,342	13,754	9,289	10,382
City of Redding	2871A	58	WR	7,712	6,383	9,831	11,465	9,616	13,337	12,144	10,942	10,721
City of Redding (Buckeye)	5272A	58	WS	1,423	1,429	1,609	1,321	1,901	2,245	2,167	2,017	1,812
City of Shasta Lake	2X	58	WS	0	0	0	0	0	0	0	0	0
Clear Creek CSD	0489A	58	WS	6,065	5,840	6,775	7,896	7,850	9,637	8,289	9,409	7,989
Daniel, Harry	4348A	58	WR	11	15	15	20	0	0	0	0	7
Diamond Lands, Corp.	8106A	58	WRX	425	425	425	425	425	425	425	425	425
Driscoll Strawberries, Inc.	4736A	58	WRX	820	820	820	820	820	820	820	820	820
Gjermann, Hal	4010A	58	WRX	12	12	12	12	12	12	12	12	12
High-Low Nursery	W0006	58	WRX	113	113	156	170	0	0	113	125	97
J.B. Unlimited, Inc.	2519A	58	WRX	0	0	0	408	0	0	0	0	58
Keswick CSD (CSA #25)	1307A	58	WS	55	62	74	91	140	156	129	114	108
Lake Calif. Property Owners Assoc.	4961A	58	WR	790	790	790	790	790	790	790	790	790
Leviathan, Inc.	7308A	58	WRX	0	700	700	700	700	700	700	700	600
Micke, Daniel	7995A	58	WRX	100	103	103	103	103	0	0	0	58
Mountain Gate CSD	6998A	58	WS	286	350	350	350	350	350	350	350	341
Riverview Golf & Country Club	8286A	58	WRX	280	280	280	280	280	280	280	280	280
Shasta County Water Agency	3367A	58	WS	125	143	201	277	269	606	620	598	385
Shasta CSD	0862A	58	WS	446	480	542	575	602	688	658	585	585
Shasta Dam Area PUD	4X	58	WS	1,516	1,543	1,601	1,515	1,573	1,840	1,432	1,964	1,634
Total DSA 58				172,279	161,247	183,931	186,549	179,525	205,053	187,626	159,453	182,059
Amen, Henry	1779A	65	WRX	660	188	660	304	0	415	660	660	480
City of West Sacramento	W0187	65	WR	0	0	0	0	0	0	0	3,521	503
Conaway Conservancy	7422A	65	WR	25,031	11,013	26,181	29,168	18,917	37,409	33,236	36,426	29,481
Deseret Farms (LDS Church)	2149A	65	WR	796	538	1,498	1,224	1,931	699	787	777	1,102
Driver, Clare et al.	0939A	65	WRX	176	180	180	180	180	180	180	180	179
Giovannetti, B.E.	0991A	65	WRX	0	520	0	520	434	520	520	520	359
Hershey Land Co.	7972A	65	WR	1,417	706	541	1,067	678	1,536	1,098	1,680	1,145
Kaiser Development Co.	4217A	65	WRX	526	526	0	0	0	0	0	0	75
Knaggs, Layton	2148A	65	WR	96	209	513	623	758	793	76	103	423
Riverby, Ltd.	0934A	65	WRX	500	500	102	365	271	0	452	466	308

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Contractor	Contract	DSA	Status										7 Year
				1982	1983	1984	1985	1986	1987	1988	1989	Average	
Russell, Della	8322A	65	WR	430	106	430	278	337	127	198	192	285	
Russell, Della	1616A	65	WRX	120	0	120	0	103	103	0	103	78	
Wallace Construction, Inc.	4604A	65	WR	675	292	2,207	974	2,208	687	198	1,123	1,153	
Williams Co., G.W.	2973A	65	WRX	0	0	0	0	0	0	0	0	0	
Wilson Ranch Partnership	4520A	65	WR	330	412	675	624	428	0	0	0	294	
Wilson, Neil	0906A	65	WRX	0	0	0	0	0	0	0	0	0	
Total DSA 65				30,757	15,190	33,107	35,327	26,245	42,469	37,405	45,751	35,866	
Feather Water District	0171A	69	WS	18,629	13,824	21,111	15,396	18,677	21,851	19,408	18,252	19,046	
Jaeger, William	W0002	69	WRX	777	366	574	504	504	504	574	574	573	
Morehead, Joseph	5789A	69	WRX	0	0	0	0	0	0	0	0	0	
Total DSA 69				19,406	14,190	21,685	15,900	19,181	22,355	19,982	18,826	19,619	
Chilton, Barbara	2065A	70	WRX	0	0	0	0	0	0	0	0	0	
County of Sacramento	2404A	70	WR	750	435	750	750	750	750	714	660	732	
ELH Sutter Properties	1364A	70	WRX	127	127	127	317	317	317	381	444	290	
Furlan, Antonio	1595A	70	WR	427	159	0	263	189	376	269	0	218	
Furlan, Emile	1175A	70	WR	920	660	354	920	920	283	585	778	680	
Heidrick Family Trust	1176A	70	WR	0	0	0	0	0	0	0	0	0	
Lauppe, Burton	1289A	70	WRX	432	468	468	540	540	360	360	540	463	
Leal, Robert	8574A	70	WRX	625	630	0	630	630	630	0	630	449	
Leiser, Wayne	4178A	70	WR	0	60	0	0	0	0	68	68	19	
MCM Properties	7827A	70	WR	1,035	507	916	318	0	1,008	234	439	564	
Natomas Central Mutual Water Co.	0885A	70	WR	105,202	63,573	107,048	90,583	76,938	81,171	84,717	79,974	89,376	
Pleasant Grove-Verona MWC	5520A	70	WRX	15,781	9,510	13,230	12,387	12,878	14,056	15,866	15,106	14,186	
Richter Brothers	4362A	70	WR	2,384	2,218	2,608	1,903	2,241	2,608	2,575	2,608	2,418	
Univ. of CA (Natomas Central MWC)	7941A	70	WR	556	163	486	724	508	410	408	400	499	
Verona Farming Co.	W0054	70	WRX	265	300	138	300	277	277	157	14	204	
Willey, Edwin	3556A	70	WRX	0	0	0	0	0	0	0	0	0	
Total DSA 70				128,504	78,810	126,125	109,635	96,188	102,246	106,334	101,661	110,099	

Sacramento River Basin Totals

2,011,277 1,505,618 2,132,939 2,104,021 1,991,272 2,082,119 2,038,021 2,011,583 2,053,033

Sacramento Valley Inbasin Obligations, TAF (without deficiencies)

Priority Group	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Sacramento River (USBR)													
1	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
2	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
3	0.0	0.0	0.0	0.0	0.0	0.0	72.5	70.8	0.0	0.0	0.0	0.0	143.2
4	9.5	7.5	6.9	29.5	59.9	69.0	75.5	73.2	53.8	40.8	23.9	11.6	461.2
5	9.5	7.5	6.9	30.7	61.9	71.0	77.6	74.9	54.9	41.2	23.9	11.6	471.7
6	9.5	7.5	6.9	33.9	66.8	76.1	82.8	79.0	57.6	42.4	23.9	11.6	498.0
7	9.5	7.5	6.9	46.9	87.3	96.9	104.2	96.1	68.7	47.1	23.9	11.6	606.5
8	9.5	7.5	6.9	99.2	169.2	180.4	190.2	164.6	113.2	65.9	23.9	11.6	1,042.1
9	9.5	7.5	6.9	185.3	304.3	318.2	332.0	277.6	186.7	96.9	23.9	11.6	1,760.4
Feather River (DWR)													
1	0.0	0.0	0.1	0.2	0.5	1.0	0.8	0.6	0.3	0.0	0.0	0.0	3.7
2	0.0	0.0	0.1	0.2	0.5	1.0	0.8	0.6	0.3	0.0	0.0	0.0	3.7
3	0.0	0.0	0.1	0.2	0.5	1.0	0.8	0.6	0.3	0.0	0.0	0.0	3.7
4	0.0	0.0	0.2	0.3	0.5	1.0	0.9	0.6	0.3	0.0	0.0	0.0	4.1
5	0.0	0.0	0.2	0.3	0.5	1.0	0.9	0.6	0.3	0.0	0.0	0.0	4.1
6	0.1	0.0	0.5	0.8	3.4	3.6	3.5	2.9	1.2	0.2	0.2	0.1	16.6
7	0.1	0.0	0.5	0.8	3.4	3.6	3.5	2.9	1.2	0.2	0.2	0.1	16.6
8	0.1	0.0	0.6	1.2	4.7	5.1	5.3	4.0	2.0	0.3	0.3	0.1	23.9
9	1.4	0.0	5.9	36.1	128.9	124.4	137.0	119.9	43.7	29.6	16.5	9.2	652.7
American River (USBR)													
1	0.7	0.7	0.8	1.2	1.8	2.3	2.8	2.7	2.2	1.6	1.0	0.8	18.7
2	2.9	2.7	3.3	4.7	7.0	8.8	10.6	10.3	8.3	6.3	3.9	3.1	71.9
3	2.9	2.7	3.3	4.7	7.0	8.8	10.6	10.3	8.3	6.3	3.9	3.1	71.9
4	2.9	2.7	3.3	4.7	7.0	8.8	10.6	10.3	8.3	6.3	3.9	3.1	71.9
5	2.9	2.7	3.3	4.7	7.0	8.8	10.6	10.3	8.3	6.3	3.9	3.1	71.9
6	4.0	3.8	4.6	6.7	9.9	12.4	15.0	14.6	11.8	8.9	5.5	4.3	101.5
7	4.0	3.8	4.6	6.7	9.9	12.4	15.0	14.6	11.8	8.9	5.5	4.3	101.5
8	4.0	3.8	4.6	6.7	9.9	12.4	15.0	14.6	11.8	8.9	5.5	4.3	101.5
9	5.7	5.4	6.6	9.5	14.1	17.7	21.4	20.8	16.8	12.7	7.8	6.2	144.7
Total Sacramento Valley Project Inbasin Obligations													
1	0.7	0.7	1.0	1.5	2.3	3.3	3.6	3.2	2.5	1.6	1.0	0.8	22.4
2	2.9	2.7	3.4	5.0	7.5	9.8	11.5	10.9	8.7	6.3	3.9	3.1	75.6
3	2.9	2.7	3.4	5.0	7.5	9.8	11.5	10.9	8.7	6.3	3.9	3.1	218.8
4	12.3	10.2	10.4	34.5	67.4	78.8	87.1	84.2	62.5	47.1	27.8	14.7	537.1
5	12.3	10.2	10.4	35.8	69.4	80.9	89.2	85.8	63.6	47.6	27.8	14.7	547.7
6	13.6	11.4	12.0	41.4	80.1	92.1	101.3	96.5	70.5	51.5	29.5	16.1	616.0
7	13.6	11.4	12.0	54.4	100.5	112.9	122.7	113.6	81.6	56.2	29.5	16.1	724.5
8	13.6	11.4	12.1	107.0	183.8	198.0	210.5	183.2	127.0	75.0	29.6	16.1	1,167.5
9	16.6	13.0	19.3	231.0	447.2	460.3	490.3	418.3	247.2	139.2	48.2	27.1	2,557.8

Sacramento Valley Inbasin Obligations, TAF (with deficiencies imposed)

Priority Group	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Sacramento 25% base/50% project + Feather 25% base													
1	0.0	0.0	0.0	0.2	0.5	0.8	0.8	0.6	0.3	0.0	0.0	0.0	3.2
2	0.0	0.0	0.0	0.2	0.5	0.8	0.8	0.6	0.3	0.0	0.0	0.0	3.2
3	0.0	0.0	0.0	0.2	0.5	0.8	60.0	54.2	0.3	0.0	0.0	0.0	116.0
4	4.2	3.7	3.0	25.9	48.3	58.9	62.3	56.2	31.1	23.6	14.2	8.1	339.6
5	4.2	3.7	3.0	27.0	50.2	61.0	64.4	57.8	32.2	23.8	14.2	8.1	349.8
6	4.3	3.7	3.2	30.3	58.0	68.6	71.9	64.0	35.0	24.2	14.3	8.2	385.6
7	4.3	3.7	3.2	43.3	78.4	89.3	88.1	75.2	46.1	26.6	14.3	8.2	480.8
8	4.3	3.7	3.3	94.5	161.6	174.4	168.7	137.4	90.7	37.0	14.4	8.2	898.3
9	5.2	3.7	7.5	211.6	411.8	430.8	441.1	366.1	188.6	97.4	26.8	16.7	2,207.4
Sacramento 0% base/50% project + Feather 0% base													
1	0.0	0.0	0.1	0.2	0.5	1.0	0.8	0.6	0.3	0.0	0.0	0.0	3.7
2	0.0	0.0	0.1	0.2	0.5	1.0	0.8	0.6	0.3	0.0	0.0	0.0	3.7
3	0.0	0.0	0.1	0.2	0.5	1.0	60.5	53.4	0.3	0.0	0.0	0.0	116.1
4	4.2	3.7	3.0	26.5	48.7	59.6	63.2	55.6	31.5	23.6	14.2	8.1	342.0
5	4.2	3.7	3.0	27.7	50.7	61.7	65.3	57.2	32.6	24.0	14.2	8.1	352.3
6	4.3	3.7	3.2	31.1	58.4	69.3	72.9	63.4	35.8	24.3	14.3	8.2	388.9
7	4.3	3.7	3.2	44.1	78.8	90.1	92.4	78.1	46.9	27.3	14.3	8.2	491.5
8	4.3	3.7	3.3	96.6	162.1	175.1	178.3	143.0	92.3	39.9	14.4	8.2	921.4
9	5.6	3.7	8.6	217.7	421.3	432.2	451.8	371.8	207.4	100.3	30.7	17.3	2,268.5
Sacramento 25% base/50% project + Feather 50% base													
1	0.0	0.0	0.0	0.1	0.5	0.5	0.6	0.5	0.2	0.0	0.0	0.0	2.5
2	0.0	0.0	0.0	0.1	0.5	0.5	0.6	0.5	0.2	0.0	0.0	0.0	2.5
3	0.0	0.0	0.0	0.1	0.5	0.5	59.7	54.1	0.2	0.0	0.0	0.0	115.2
4	4.2	3.7	3.0	25.9	48.3	58.7	62.0	56.1	31.1	23.6	14.2	8.1	338.9
5	4.2	3.7	3.0	27.0	50.2	60.7	64.1	57.7	32.1	23.8	14.2	8.1	349.0
6	4.3	3.7	3.1	30.3	57.4	67.9	71.5	63.8	34.8	24.2	14.3	8.2	383.4
7	4.3	3.7	3.1	43.2	77.3	89.1	87.1	74.5	45.7	26.6	14.3	8.2	477.2
8	4.3	3.7	3.2	94.5	161.0	173.8	168.3	137.1	90.4	37.0	14.4	8.2	895.9
9	5.1	3.7	6.0	203.0	386.2	406.6	415.5	341.5	177.9	92.1	25.8	15.7	2,079.1
Sacramento 0% base/0% project + Feather 25% base													
1	0.0	0.0	0.0	0.2	0.5	0.8	0.8	0.6	0.3	0.0	0.0	0.0	3.2
2	0.0	0.0	0.0	0.2	0.5	0.8	0.8	0.6	0.3	0.0	0.0	0.0	3.2
3	0.0	0.0	0.0	0.2	0.5	0.8	73.3	71.3	0.3	0.0	0.0	0.0	146.5
4	9.5	7.5	7.0	29.7	60.5	69.8	76.5	73.8	54.1	40.8	23.9	11.7	464.8
5	9.5	7.5	7.0	31.0	62.4	71.8	78.6	75.5	55.1	41.3	23.9	11.7	475.3
6	9.5	7.5	7.2	34.7	70.2	79.5	86.3	82.0	58.7	42.6	24.0	11.8	513.9
7	9.5	7.5	7.1	47.7	90.7	100.2	107.7	99.0	69.8	47.3	24.0	11.8	622.4
8	9.6	7.5	7.3	100.3	173.9	185.3	195.5	168.7	115.2	66.1	24.2	11.8	1,065.3
9	10.4	7.5	11.5	217.5	433.1	442.4	469.0	397.5	226.4	126.6	36.5	20.3	2,398.6
Sacramento 0% base/50% project + Feather 25% base													
1	0.0	0.0	0.0	0.2	0.5	0.8	0.8	0.6	0.3	0.0	0.0	0.0	3.2
2	0.0	0.0	0.0	0.2	0.5	0.8	0.8	0.6	0.3	0.0	0.0	0.0	3.2
3	0.0	0.0	0.0	0.2	0.5	0.8	60.5	53.4	0.3	0.0	0.0	0.0	115.6
4	4.2	3.7	2.9	26.5	48.7	59.4	63.2	55.6	31.4	23.6	14.2	8.1	341.5
5	4.2	3.7	2.9	27.7	50.7	61.4	65.3	57.2	32.5	24.0	14.2	8.1	351.8
6	4.3	3.7	3.0	31.1	58.4	69.0	72.8	63.4	35.7	24.3	14.3	8.2	388.3
7	4.3	3.7	3.0	44.1	78.8	89.8	92.4	78.1	46.8	27.3	14.3	8.2	490.8
8	4.3	3.7	3.1	96.6	162.1	174.9	178.3	143.0	92.2	39.9	14.4	8.2	920.7
9	5.2	3.7	7.3	213.7	421.3	432.0	451.8	371.8	203.4	100.3	26.8	16.7	2,254.0

Alternative 4 - USBR San Joaquin Inbasin Obligation - Group 8 (IO(F8)) (TAF)

Total Madera Canal Depletions + FKC Inbasin Deliveries

YEAR	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	TOTAL
1922	8	2	0	1	8	23	69	71	96	101	81	56	516
1923	18	2	3	4	8	54	19	43	68	76	73	23	391
1924	4	2	0	0	5	13	4	3	27	44	16	7	125
1925	4	1	0	0	4	45	17	25	61	61	39	26	284
1926	6	1	0	0	5	43	8	28	63	72	29	7	262
1927	9	2	0	1	6	57	47	50	79	99	80	43	473
1928	10	2	0	0	6	41	24	30	65	63	19	6	266
1929	4	0	0	1	4	24	4	20	43	44	41	5	190
1930	3	0	0	1	4	30	8	12	47	46	28	5	185
1931	3	0	0	1	4	21	4	3	31	47	19	12	145
1932	4	1	0	0	5	43	52	50	84	96	59	43	439
1933	6	1	0	0	5	41	13	21	53	43	52	9	244
1934	5	1	0	0	5	35	4	3	33	57	33	5	180
1935	5	1	0	0	7	54	23	51	86	101	79	23	431
1936	4	0	0	1	5	48	37	71	96	100	69	31	461
1937	7	2	0	0	3	37	43	78	94	102	79	42	487
1938	6	2	1	1	7	9	66	47	92	78	94	56	458
1939	17	4	3	4	7	37	10	9	54	69	45	6	266
1940	8	1	0	0	9	52	54	45	76	88	55	20	411
1941	4	1	1	1	8	34	66	61	91	101	79	58	503
1942	17	3	3	5	9	50	53	75	86	101	81	56	538
1943	15	2	0	0	10	7	63	69	88	92	68	45	458
1944	7	2	0	0	4	53	20	33	58	50	31	32	290
1945	12	3	2	3	5	44	56	48	74	89	81	55	471
1946	23	3	2	5	13	49	34	31	68	80	53	32	393
1947	9	2	0	1	7	44	13	19	53	66	33	7	254
1948	3	0	0	1	5	11	8	40	69	87	21	17	262
1949	5	1	0	0	5	42	25	26	61	63	23	11	262
1950	8	2	0	0	6	52	23	26	58	66	47	16	304
1951	15	6	0	6	14	55	25	39	81	75	20	9	345
1952	7	1	1	3	9	34	66	80	92	92	92	58	535
1953	18	4	3	4	9	36	13	28	56	60	41	16	286
1954	7	2	0	0	6	43	26	28	61	72	49	6	300
1955	5	1	0	0	7	49	7	27	56	62	36	12	264
1956	6	1	3	6	9	48	71	59	90	101	80	58	532
1957	25	4	3	3	6	25	10	20	62	79	68	16	320
1958	7	2	0	1	7	43	60	81	95	103	81	56	536
1959	17	3	3	3	6	48	10	13	55	75	26	7	265
1960	4	1	0	0	3	28	6	11	45	44	34	16	193
1961	3	0	0	0	3	10	4	5	42	56	13	8	144
1962	1	1	0	1	2	51	49	36	73	90	80	40	425
1963	8	2	0	0	4	34	23	50	74	92	79	58	425
1964	20	1	0	1	5	24	8	13	51	79	51	23	277
1965	3	0	0	5	14	54	39	51	78	92	68	56	461
1966	22	3	2	6	12	53	15	13	54	81	32	7	300
1967	4	1	1	5	9	52	34	74	90	78	97	65	510
1968	18	5	3	4	7	33	8	11	48	71	44	13	266
1969	3	0	0	2	2	11	0	69	94	79	95	70	425
1970	23	2	0	0	9	54	27	34	55	70	58	23	355
1971	3	0	1	4	9	52	22	30	64	56	39	35	315
1972	6	1	0	1	7	45	7	13	42	72	30	7	232
1973	7	2	0	1	7	49	64	54	81	98	79	30	471
1974	6	2	0	5	14	52	36	73	90	101	79	42	501
1975	6	1	0	0	5	51	43	59	85	95	67	31	444
1976	8	2	0	0	4	15	6	8	43	53	21	8	168
1977	4	0	0	0	1	32	0	4	7	7	9	6	70
1978	0	0	0	0	9	20	29	75	94	81	76	58	442
1979	27	6	3	6	13	40	56	68	83	94	67	22	484
1980	7	2	0	0	6	33	79	79	96	91	86	65	544
1981	16	3	3	3	6	22	18	24	45	64	46	7	258
1982	6	1	1	4	10	29	22	74	97	99	87	57	487
1983	20	4	1	4	0	8	0	0	86	101	65	48	339
1984	12	3	1	2	11	50	39	39	68	84	71	34	414
1985	12	2	0	0	8	37	18	23	56	65	30	19	271
1986	8	2	0	2	3	26	54	81	95	103	85	46	505
1987	12	2	3	3	4	7	7	3	43	71	47	5	207
1988	3	0	0	1	6	15	6	11	49	62	22	6	181
1989	3	0	0	0	4	30	10	8	45	70	42	5	218
1990	4	1	0	0	3	17	6	4	39	55	36	5	170
1991	3	0	0	0	2	37	12	22	44	40	39	6	206
1992	3	0	0	0	2	22	6	4	19	20	8	4	89
1993	5	0	0	0	11	41	76	61	92	101	79	58	523
1994	23	3	3	3	5	7	7	9	51	63	36	10	220
AVG:	9	2	1	2	6	36	27	36	66	75	53	27	341
MIN:	0	0	0	0	0	7	0	0	7	7	8	4	70
MAX:	27	6	3	6	14	57	79	81	97	103	97	70	544

Alternative 4 - USBR San Joaquin Inbasin Obligation - Group 9 (IO(F9)) (TAF)

Modified Exchange Contractor Deliveries (Excm) X Basin Efficiency X Nonrecoverable loss factor (BE = 0.807; NRL = 10%)

YEAR	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	TOTAL
1922	30	11	2	5	30	70	87	96	115	124	120	56	746
1923	31	11	3	5	35	72	90	100	119	129	92	59	746
1924	33	12	3	5	27	16	45	52	46	49	46	46	380
1925	25	8	3	4	27	75	95	105	126	119	99	61	746
1926	33	12	3	5	27	70	88	99	96	83	61	58	633
1927	28	10	2	4	34	70	88	97	116	125	116	57	746
1928	33	12	3	5	36	75	94	104	100	61	59	55	636
1929	33	12	3	5	27	47	74	82	98	73	49	48	549
1930	26	10	3	4	29	66	93	91	90	69	51	61	591
1931	33	12	3	5	27	30	43	55	53	55	53	46	415
1932	25	8	3	4	29	71	88	97	118	126	121	57	746
1933	31	11	3	4	27	56	70	78	94	97	79	29	579
1934	25	8	3	4	27	66	71	75	65	75	68	48	533
1935	28	10	3	4	28	65	93	105	126	135	88	61	746
1936	31	11	3	6	31	71	89	98	117	126	106	58	746
1937	31	11	3	5	25	68	89	99	119	129	109	58	746
1938	30	11	2	5	33	69	86	95	114	123	119	56	746
1939	33	12	3	5	36	75	94	104	91	86	83	61	683
1940	33	12	3	5	29	75	94	106	126	114	83	61	740
1941	30	11	2	5	33	69	86	95	114	123	119	56	746
1942	30	11	2	5	33	69	86	95	114	123	119	56	746
1943	30	11	2	5	33	69	86	95	114	123	119	56	746
1944	32	11	3	5	28	73	91	101	121	123	98	59	746
1945	30	11	2	5	27	70	87	97	116	125	120	57	746
1946	32	11	3	5	35	73	91	101	120	113	103	59	746
1947	33	12	3	5	30	73	94	106	88	76	63	60	643
1948	33	12	3	5	27	58	86	110	131	98	78	64	704
1949	34	12	3	6	29	72	94	106	126	87	76	61	706
1950	33	12	3	5	32	75	94	105	124	95	95	61	734
1951	33	12	3	5	36	75	94	104	124	105	92	61	745
1952	30	11	2	5	33	69	86	95	114	123	119	56	746
1953	32	11	3	5	36	74	91	96	122	118	97	60	746
1954	33	12	3	5	36	75	94	104	124	90	74	61	711
1955	33	12	3	5	36	75	91	104	124	95	75	61	714
1956	30	11	2	5	33	69	86	95	114	123	119	56	746
1957	33	11	3	5	32	75	94	104	124	110	95	61	746
1958	30	11	2	5	33	69	87	96	114	123	119	56	746
1959	33	12	3	5	36	75	94	104	109	50	31	48	600
1960	26	12	3	5	27	65	86	87	83	81	87	61	621
1961	24	12	3	5	28	38	82	87	76	28	36	36	455
1962	11	11	3	5	27	72	90	101	121	129	117	59	746
1963	30	11	2	5	33	69	86	95	114	123	119	56	746
1964	33	12	3	5	36	60	82	95	119	88	99	61	692
1965	17	11	2	5	34	71	88	97	116	126	121	57	746
1966	33	12	3	5	36	75	94	104	110	82	63	42	659
1967	30	11	2	5	33	69	86	95	114	123	119	56	746
1968	33	12	3	5	36	70	88	76	85	91	87	61	648
1969	17	11	2	5	34	71	88	97	116	125	121	57	746
1970	32	11	3	5	35	73	91	101	121	119	94	60	746
1971	31	11	3	5	34	71	89	98	117	121	109	58	746
1972	33	12	3	5	36	75	83	85	107	77	75	41	631
1973	31	11	3	5	35	72	90	99	118	128	97	58	746
1974	30	11	2	5	33	69	86	95	114	123	119	56	746
1975	32	11	3	5	31	73	91	102	121	119	98	59	746
1976	33	12	3	5	28	58	51	32	51	43	60	47	423
1977	20	8	3	4	10	3	4	2	48	51	43	23	217
1978	0	4	1	3	35	73	91	102	121	131	126	59	746
1979	31	11	3	5	29	72	90	100	120	114	111	59	746
1980	30	11	2	5	31	69	87	96	114	124	119	56	746
1981	33	12	3	5	36	75	94	104	93	82	79	61	677
1982	30	11	2	5	33	69	86	95	114	123	119	56	746
1983	30	11	2	5	33	69	86	95	114	123	119	56	746
1984	30	11	2	5	34	70	87	96	115	124	114	57	746
1985	33	12	3	5	36	75	94	104	87	61	65	61	636
1986	31	11	3	5	29	71	89	99	117	127	106	58	746
1987	33	12	3	5	29	68	95	106	80	83	91	42	647
1988	28	12	3	5	30	60	75	83	79	82	54	42	553
1989	24	10	3	4	27	56	84	94	93	86	91	41	613
1990	29	11	3	4	29	66	82	82	46	99	57	38	546
1991	17	10	3	4	13	23	75	83	99	108	74	46	556
1992	20	10	3	4	22	46	47	43	20	40	33	23	312
1993	27	1	3	4	35	73	91	100	120	129	104	59	746
1994	33	12	3	5	32	67	83	92	92	85	83	54	642
AVG:	29	11	3	5	31	66	85	93	105	102	91	54	673
MIN:	0	1	1	3	10	3	4	2	20	28	31	23	217
MAX:	34	12	3	6	36	75	95	110	131	135	126	64	746

Deficiency Periods (percent of supply)

Year	Period	Sacramento		Feather Base
		Base	Project	
1924	Jan-Feb	0	0	0
	Mar-Dec	25	50	25
1925	Jan-Feb	25	50	25
	Mar-Dec	0	0	0
1929	Jan-Feb	0	0	0
	Mar-Dec	25	50	25
1930	Jan-Feb	25	50	25
	Mar-Dec	0	50	0
1931	Jan-Feb	0	50	0
	Mar-Dec	25	50	25
1932	Jan-Feb	25	50	25
	Mar-Dec	0	50	0
1933	Jan-Feb	0	50	0
	Mar-Dec	25	50	25
1934	Jan-Feb	25	50	25
	Mar-Dec	25	50	50
1935	Jan-Feb	25	50	50
	Mar-Dec	0	0	0
1939	Jan-Feb	0	0	0
	Mar-Dec	0	0	25
1940	Jan-Feb	0	0	25
	Mar-Dec	0	0	0
1976	Jan-Feb	0	0	0
	Mar-Dec	25	50	25
1977	Jan-Feb	25	50	25
	Mar-Dec	25	50	50
1978	Jan-Feb	25	50	50
	Mar-Dec	0	0	0
1987	Jan-Feb	0	0	0
	Mar-Dec	0	50	0
1988	Jan-Feb	0	50	0
	Mar-Dec	0	50	25
1989	Jan-Feb	0	50	25
	Mar-Dec	0	50	0
1990	Jan-Feb	0	50	0
	Mar-Dec	0	50	0
1991	Jan-Feb	0	50	0
	Mar-Dec	25	50	25
1992	Jan-Feb	25	50	25
	Mar-Dec	25	50	25
1993	Jan-Feb	25	50	25
	Mar-Dec	0	0	0
1994	Jan-Feb	0	0	0
	Mar-Dec	25	50	25

Alternative 3 - Priority Group 1 Diversion to Storage (TAF)

McClure+Don Pedro+New Melones+Hensley+Eastman+New Bullards+Spaulding+Hell Hole+French Mdws+Camp Far West
 Increased storage shown as a positive value; releases from storage set to zero.
 Corrected for months in which diversion to storage has been curtailed to meet Vernalis objective.

YEAR	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	TOTAL
1922	0	25	156	167	635	455	272	881	824	0	0	0	3415
1923	5	46	158	202	230	137	299	452	171	0	0	0	1700
1924	0	15	37	40	62	17	65	13	0	0	0	0	249
1925	5	51	113	96	759	373	459	490	249	0	0	0	2595
1926	0	9	32	34	312	101	364	68	0	0	0	0	920
1927	2	84	118	164	670	307	320	327	254	0	0	0	2246
1928	7	78	83	78	156	623	133	280	4	0	0	0	1442
1929	0	19	35	29	93	83	93	214	78	10	15	0	669
1930	0	13	183	85	131	251	200	140	168	14	17	0	1202
1931	5	31	21	48	52	80	77	26	0	0	0	0	340
1932	1	25	322	274	629	325	244	611	395	0	0	0	2826
1933	4	15	37	49	83	108	107	170	294	0	0	0	867
1934	2	21	103	112	178	282	73	14	0	0	0	0	785
1935	3	48	81	281	277	275	814	504	486	0	0	0	2769
1936	4	24	38	206	755	350	513	483	214	0	0	0	2587
1937	2	19	46	76	396	261	319	622	304	0	0	0	2045
1938	10	38	427	112	298	471	445	295	524	5	2	0	2627
1939	2	6	10	31	23	195	285	37	0	0	0	0	589
1940	0	4	30	610	708	495	339	372	34	0	0	0	2592
1941	1	29	165	304	276	245	235	537	372	0	0	0	2164
1942	0	21	171	206	96	151	334	336	543	3	0	0	1861
1943	0	36	29	190	23	312	341	395	123	0	0	0	1449
1944	0	16	24	32	139	217	83	351	123	0	0	0	985
1945	2	121	127	125	585	187	283	472	429	0	0	0	2331
1946	4	67	349	88	25	189	262	386	24	0	0	0	1394
1947	0	49	73	62	151	210	122	108	10	0	0	0	785
1948	10	10	27	96	25	44	270	421	429	1	0	0	1333
1949	0	12	46	34	113	255	239	312	27	0	0	0	1038
1950	0	5	28	184	362	248	325	443	190	0	0	0	1785
1951	6	1145	1078	137	65	138	36	53	3	0	0	0	2661
1952	4	42	262	522	472	262	427	518	323	0	0	0	2832
1953	0	8	37	258	7	60	229	178	99	1	0	0	877
1954	3	16	45	77	145	370	369	429	21	0	0	0	1475
1955	0	12	70	167	103	13	59	288	114	0	0	0	826
1956	0	24	1618	459	152	163	106	561	361	0	0	0	3444
1957	9	23	30	46	178	191	122	269	274	0	0	0	1142
1958	3	18	65	178	556	276	444	666	373	0	0	0	2579
1959	0	23	6	73	106	121	122	53	7	0	0	0	511
1960	0	0	23	46	375	363	188	166	50	0	0	0	1211
1961	0	36	50	35	78	88	106	123	15	0	0	0	531
1962	0	20	48	47	714	316	497	273	380	0	0	0	2295
1963	167	22	38	159	680	150	365	459	371	0	0	0	2411
1964	4	94	53	100	69	14	96	175	33	0	0	0	638
1965	0	72	1424	270	135	121	306	209	222	0	0	0	2759
1966	0	75	80	69	61	145	234	136	0	0	0	0	800
1967	0	80	380	430	279	419	298	610	620	45	1	0	3162
1968	9	26	29	32	249	85	101	94	8	0	0	0	633
1969	3	69	149	1213	213	245	388	645	205	0	1	0	3131
1970	8	7	111	607	14	165	24	111	18	0	0	0	1065
1971	0	87	229	281	194	204	178	241	114	0	0	0	1528
1972	3	18	155	142	177	289	131	156	22	0	0	0	1093
1973	1	46	148	436	437	231	214	513	264	0	0	0	2290
1974	11	349	220	398	101	431	150	392	254	0	0	0	2306
1975	0	27	42	50	204	293	140	445	444	0	0	0	1645
1976	5	46	37	21	48	80	49	31	0	0	0	0	317
1977	18	14	13	10	5	4	17	21	0	0	0	0	102
1978	0	5	206	722	576	860	528	611	598	83	0	0	4189
1979	0	35	44	213	160	320	219	694	132	0	0	0	1817
1980	12	42	50	885	199	167	190	506	324	0	0	0	2375
1981	0	3	15	38	69	132	134	101	0	0	0	0	492
1982	6	467	719	301	478	165	425	347	217	0	0	0	3125
1983	31	19	75	0	114	476	128	611	422	0	0	2	1878
1984	9	248	290	10	17	146	8	131	0	0	0	0	859
1985	9	102	134	110	143	177	202	101	6	0	0	0	984
1986	0	45	140	283	1503	245	188	475	163	0	0	0	3042
1987	0	25	28	19	83	174	153	20	0	0	0	0	502
1988	0	9	90	127	95	105	68	29	0	0	0	0	523
1989	0	77	36	38	96	830	275	188	91	0	0	0	1631
1990	32	29	38	69	91	199	147	58	39	0	0	0	702
1991	0	8	25	1	5	408	146	268	166	0	0	0	1027
1992	7	16	37	45	264	189	255	61	0	1	0	0	875
1993	15	26	57	529	284	329	0	137	369	0	0	0	1746
1994	1	7	33	9	46	82	21	30	1	0	0	0	230
AVG:	6	62	158	187	250	240	225	301	183	2	0	0	1614
MIN:	0	0	6	0	5	4	0	13	0	0	0	0	102
MAX:	167	1145	1618	1213	1503	860	814	881	824	83	17	2	4189

Alternative 4 - Priority Group 1 Diversion to Storage (TAF)

McClure+Don Pedro+New Melones+Hensley+Eastman+New Bullards+Spaulding+Hell Hole+French Mdws+Camp Far West
 Increased storage shown as a positive value; releases from storage set to zero.
 Corrected for months in which diversion to storage has been curtailed to meet Vernalis objective.

YEAR	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	TOTAL
1922	0	25	156	167	635	455	328	1089	824	0	0	0	3679
1923	5	46	158	202	230	137	375	452	171	0	0	0	1776
1924	0	15	37	40	62	17	65	13	0	0	0	0	249
1925	5	51	113	96	759	373	483	490	249	0	0	0	2619
1926	0	9	32	34	312	101	484	68	0	0	0	0	1040
1927	5	84	118	164	670	307	398	466	329	0	0	0	2541
1928	7	78	83	78	156	623	156	280	4	0	0	0	1465
1929	0	19	35	29	93	83	93	214	78	10	15	0	669
1930	0	13	183	85	131	251	223	183	168	14	17	0	1268
1931	5	31	21	48	52	80	77	26	0	0	0	0	340
1932	1	25	322	274	629	325	244	786	516	0	0	0	3122
1933	4	15	37	49	83	108	131	218	294	0	0	0	939
1934	2	21	103	112	178	282	108	14	0	0	0	0	820
1935	3	48	81	281	277	275	814	714	486	0	0	0	2979
1936	4	24	38	206	755	350	513	668	214	0	0	0	2772
1937	2	19	46	76	396	261	319	830	304	0	0	0	2253
1938	10	38	427	112	298	471	445	603	524	5	2	0	2935
1939	2	6	10	31	23	195	285	63	0	0	0	0	615
1940	0	4	30	610	708	495	339	554	34	0	0	0	2774
1941	1	29	165	304	276	245	235	706	372	0	0	0	2333
1942	0	21	171	206	96	151	334	489	543	3	0	0	2014
1943	0	36	29	190	23	312	341	475	159	0	0	0	1565
1944	0	16	24	32	139	217	83	351	123	0	0	0	985
1945	2	121	127	125	585	187	283	611	429	0	0	0	2470
1946	4	67	349	88	25	189	380	466	24	0	0	0	1592
1947	0	49	73	62	151	210	122	108	10	0	0	0	785
1948	10	10	27	96	25	44	301	421	429	1	0	0	1364
1949	0	12	46	34	113	255	303	446	27	0	0	0	1236
1950	0	5	28	184	362	248	411	443	190	0	0	0	1871
1951	6	1145	1078	137	65	138	36	53	3	0	0	0	2661
1952	4	42	262	522	472	262	427	856	323	0	0	0	3170
1953	0	8	37	258	7	60	252	178	99	1	0	0	900
1954	3	16	45	77	187	370	398	530	21	0	0	0	1647
1955	0	12	70	167	103	13	61	398	114	0	0	0	938
1956	0	24	1618	459	152	163	129	642	361	0	0	0	3548
1957	9	23	30	46	178	191	122	329	274	0	0	0	1202
1958	3	18	65	178	556	276	444	976	373	0	0	0	2889
1959	0	23	6	73	106	121	170	68	7	0	0	0	574
1960	0	0	23	46	375	363	261	238	50	0	0	0	1356
1961	0	36	50	35	78	88	134	140	15	0	0	0	576
1962	0	20	48	47	714	316	497	424	401	0	0	0	2467
1963	168	22	38	159	680	150	365	699	371	0	0	0	2652
1964	4	94	53	100	69	14	109	175	33	0	0	0	651
1965	0	72	1424	270	135	121	397	349	310	0	0	0	3078
1966	0	75	80	69	61	145	250	198	0	0	0	0	878
1967	0	80	380	430	279	419	298	838	620	45	1	0	3390
1968	9	26	29	32	249	85	101	94	8	0	0	0	633
1969	3	69	149	1213	213	245	388	908	205	0	1	0	3394
1970	8	7	111	607	14	165	24	111	18	0	0	0	1065
1971	0	87	229	281	194	204	178	241	114	0	0	0	1528
1972	3	18	155	142	177	289	131	156	22	0	0	0	1093
1973	2	46	148	436	437	231	214	708	264	0	0	0	2486
1974	11	349	220	398	101	431	150	548	325	0	0	0	2533
1975	0	27	42	50	204	293	140	696	444	0	0	0	1896
1976	5	46	37	21	48	80	52	31	0	0	0	0	320
1977	18	14	13	10	5	4	17	21	0	0	0	0	102
1978	0	5	206	722	576	860	528	783	598	83	0	0	4361
1979	0	35	44	213	160	320	226	864	161	0	0	0	2023
1980	12	42	50	885	199	167	190	587	324	0	0	0	2456
1981	0	3	15	38	69	132	186	101	0	0	0	0	544
1982	6	467	719	301	478	165	425	516	217	0	0	0	3294
1983	31	19	75	0	114	476	128	780	422	0	0	2	2047
1984	9	248	290	10	17	146	8	186	0	0	0	0	914
1985	11	102	134	110	143	177	279	180	6	0	0	0	1142
1986	14	45	140	283	1503	245	188	536	163	0	0	0	3117
1987	0	25	28	19	83	174	153	36	0	0	0	0	518
1988	0	9	90	127	95	105	99	51	0	0	0	0	576
1989	0	77	36	38	96	830	376	241	91	0	0	0	1785
1990	32	29	38	69	91	199	199	61	39	0	0	0	757
1991	0	8	25	1	5	408	146	358	166	0	0	0	1117
1992	7	16	37	45	264	189	255	61	0	1	0	0	875
1993	15	26	57	529	759	651	65	273	369	0	0	0	2744
1994	1	7	33	9	46	82	24	66	1	0	0	0	269
AVG:	6	62	158	187	258	244	245	391	189	2	0	0	1743
MIN:	0	0	6	0	5	4	8	13	0	0	0	0	102
MAX:	168	1145	1618	1213	1503	860	814	1089	824	83	17	2	4361

Alternative 3 and 4 - Priority Group 2 Diversion to Storage (TAF)

Lake Valley+Loon Lake+Ice House

Increased storage shown as a positive value; releases from storage set to zero.

YEAR	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	TOTAL
1922	0	0	0	0	0	8	13	45	19	0	0	0	85
1923	0	0	0	0	0	10	18	37	21	0	0	0	86
1924	0	0	0	0	0	3	18	17	8	0	0	0	46
1925	0	0	0	4	10	10	27	40	12	0	0	0	103
1926	0	0	0	0	0	10	22	40	6	0	0	0	78
1927	0	0	0	0	0	9	24	34	16	0	0	0	83
1928	0	0	0	0	0	11	15	36	18	0	0	0	80
1929	0	0	0	0	0	5	16	43	18	0	0	0	82
1930	0	0	1	0	0	8	21	33	18	0	0	0	81
1931	0	0	0	0	0	7	22	10	7	0	0	0	46
1932	0	0	0	1	3	13	27	38	21	0	0	0	103
1933	0	0	0	0	0	5	19	34	25	0	0	0	83
1934	0	0	0	0	0	18	16	26	12	0	0	0	72
1935	0	0	0	0	7	2	27	39	12	0	0	0	87
1936	0	0	0	0	2	16	17	39	7	0	0	0	81
1937	0	0	0	0	0	5	24	47	9	0	0	0	85
1938	0	0	5	0	0	10	20	42	2	0	0	0	79
1939	0	0	0	0	0	9	24	23	8	0	0	0	64
1940	0	0	0	1	0	13	17	35	4	0	0	0	70
1941	0	0	0	0	0	13	18	40	2	0	0	0	73
1942	0	0	0	1	0	8	22	24	14	0	0	0	69
1943	0	0	0	0	0	12	24	30	2	0	0	0	68
1944	0	0	0	0	0	5	14	38	14	0	0	0	71
1945	0	0	1	2	8	9	20	37	13	0	0	0	90
1946	0	0	0	0	1	11	21	37	3	0	0	0	73
1947	0	0	0	0	1	13	20	25	13	0	0	0	72
1948	0	0	0	0	0	6	12	39	16	0	0	0	73
1949	0	0	0	0	0	8	24	39	10	0	0	0	81
1950	0	0	0	0	0	9	24	37	11	0	0	0	81
1951	0	25	9	3	2	6	15	27	16	0	0	0	103
1952	0	0	6	2	0	3	20	43	8	0	0	0	82
1953	0	0	0	1	0	5	20	30	21	0	0	0	77
1954	0	0	0	0	9	19	17	24	12	0	0	0	81
1955	0	0	0	0	0	5	15	40	22	0	0	0	82
1956	0	0	20	0	0	4	16	36	12	0	0	0	88
1957	0	0	0	0	0	8	21	36	17	0	0	0	82
1958	0	0	0	0	1	4	20	51	5	0	0	0	81
1959	0	0	0	0	0	8	24	25	12	0	0	0	69
1960	0	0	0	0	0	14	16	30	22	0	0	0	82
1961	0	0	0	10	0	4	20	25	20	0	0	0	79
1962	0	0	0	0	0	4	30	25	22	0	0	0	81
1963	1	0	0	2	15	4	16	33	22	0	0	0	93
1964	0	0	0	10	0	3	20	26	20	0	0	0	79
1965	0	0	36	1	2	5	15	28	14	0	0	0	101
1966	0	0	0	0	0	12	19	28	13	0	0	0	72
1967	0	0	0	0	1	12	6	38	16	0	0	0	73
1968	0	10	7	0	6	4	14	22	15	0	0	0	78
1969	0	0	16	0	0	6	20	36	10	0	0	0	88
1970	0	0	5	22	0	0	10	33	15	0	0	0	85
1971	0	5	3	0	0	5	13	32	20	0	0	0	78
1972	0	0	0	0	0	15	20	34	16	0	0	0	85
1973	0	0	1	1	0	7	23	41	11	0	0	0	84
1974	0	10	0	6	0	5	15	44	8	0	0	0	88
1975	0	0	0	0	0	4	8	43	26	0	0	0	81
1976	0	0	0	0	0	7	18	16	7	0	0	0	48
1977	0	0	0	0	1	3	12	21	16	0	0	0	53
1978	0	0	3	9	4	14	22	36	13	0	0	0	101
1979	0	1	5	0	6	7	21	43	0	0	0	0	83
1980	0	0	0	26	1	1	14	25	10	0	0	0	77
1981	0	0	0	0	0	9	24	25	10	0	0	0	68
1982	0	23	8	0	12	2	16	19	0	0	0	0	80
1983	1	1	1	0	1	14	15	32	9	0	0	0	74
1984	0	23	1	0	0	2	15	31	0	0	0	0	72
1985	0	0	0	0	0	6	25	19	12	0	0	0	62
1986	0	0	0	6	17	12	10	21	2	0	0	0	68
1987	0	0	0	0	0	8	18	21	5	0	0	0	52
1988	0	0	0	0	1	10	20	18	8	0	0	0	57
1989	0	0	0	0	0	16	28	18	12	0	0	0	74
1990	3	0	0	0	0	10	23	21	13	0	0	0	70
1991	0	0	0	0	0	12	9	21	7	0	0	0	49
1992	0	0	0	0	1	9	33	17	10	3	0	0	73
AVG:	0	1	2	2	2	8	19	32	12	0	0	0	77
MIN:	0	0	0	0	0	0	6	10	0	0	0	0	46
MAX:	3	25	36	26	17	19	33	51	26	3	0	0	103

Alternative 3 and 4 - Priority Group 4 Diversion to Storage (TAF)

Stumpy Meadows (Lake Edson)

Increased storage shown as a positive value; releases from storage set to zero.

YEAR	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	TOTAL
1922	0	0	0	0	0	0	3	3	0	0	0	0	6
1923	0	0	2	2	1	2	0	0	0	0	0	0	7
1924	0	0	0	0	1	0	0	0	0	0	0	0	1
1925	0	0	0	0	5	4	5	1	0	0	0	0	15
1926	0	0	0	0	1	3	3	0	0	0	0	0	7
1927	0	0	0	1	5	5	0	0	0	0	0	0	11
1928	0	0	0	0	0	7	0	0	0	0	0	0	7
1929	0	0	0	0	0	1	2	1	0	0	0	0	4
1930	0	0	0	0	1	4	4	0	0	0	0	0	9
1931	0	0	0	0	0	1	0	0	0	0	0	0	1
1932	0	0	0	0	1	5	6	3	0	0	0	0	15
1933	0	0	0	0	0	0	3	3	0	0	0	0	6
1934	0	0	0	1	2	1	0	0	0	0	0	0	4
1935	0	0	0	0	0	1	10	3	0	0	0	0	14
1936	0	0	0	1	4	6	1	0	0	0	0	0	12
1937	0	0	0	0	1	3	3	0	0	0	0	0	7
1938	0	0	2	0	1	4	0	0	0	0	0	0	7
1939	0	0	0	0	0	2	2	0	0	0	0	0	4
1940	0	0	0	4	7	2	0	0	0	0	0	0	13
1941	0	0	1	1	4	2	0	0	0	0	0	0	8
1942	0	0	1	5	2	0	0	0	0	0	0	0	8
1943	0	1	3	2	0	0	0	0	0	0	0	0	6
1944	0	0	0	0	0	1	3	3	0	0	0	0	7
1945	0	1	1	1	6	0	0	0	0	0	0	0	9
1946	0	0	4	1	0	0	0	0	0	0	0	0	5
1947	0	1	1	0	2	3	0	0	0	0	0	0	7
1948	0	0	0	0	0	0	7	2	0	0	0	0	9
1949	0	0	0	0	0	0	8	0	0	0	0	0	8
1950	0	0	0	1	3	4	0	0	0	0	0	0	8
1951	0	6	0	0	0	0	0	0	0	0	0	0	6
1952	0	0	1	0	2	2	1	0	0	0	0	0	6
1953	0	0	0	1	1	2	0	0	0	0	0	0	4
1954	0	0	0	0	1	5	0	0	0	0	0	0	6
1955	0	0	0	0	1	2	3	2	0	0	0	0	8
1956	0	0	8	0	0	0	0	0	0	0	0	0	8
1957	0	0	0	0	2	5	0	0	0	0	0	0	7
1958	0	0	0	0	5	3	0	0	0	0	0	0	8
1959	0	0	0	1	2	3	1	0	0	0	0	0	7
1960	0	0	0	0	2	6	2	0	0	0	0	0	10
1961	0	0	0	0	0	1	0	0	0	0	0	0	1
1962	0	0	0	0	3	1	4	1	0	0	0	0	9
1963	1	0	0	3	5	1	2	0	0	0	0	0	12
1964	0	1	0	0	0	1	1	1	0	0	0	0	4
1965	0	0	6	0	0	0	0	0	0	0	0	0	6
1966	0	0	0	0	0	2	2	0	0	0	0	0	4
1967	0	0	2	2	2	1	0	0	0	0	0	0	7
1968	0	0	0	1	3	0	0	0	0	0	0	0	4
1969	0	0	0	6	0	0	0	0	0	0	0	0	6
1970	0	0	3	2	0	0	0	0	0	0	0	0	5
1971	0	0	1	1	1	3	0	0	0	0	0	0	6
1972	0	0	0	1	1	3	0	0	0	0	0	0	5
1973	0	0	1	4	2	0	0	0	0	0	0	0	7
1974	0	2	3	2	0	0	0	0	0	0	0	0	7
1975	0	0	0	0	1	3	0	0	0	0	0	0	4
1976	0	0	0	0	0	0	0	0	0	0	0	0	0
1977	0	0	0	0	0	0	0	0	0	0	0	0	0
1978	0	0	1	6	2	5	4	1	0	0	0	0	19
1979	0	0	0	1	1	2	2	0	0	0	0	0	6
1980	0	0	0	6	0	0	0	0	0	0	0	0	6
1981	0	0	0	0	1	2	1	0	0	0	0	0	4
1982	0	2	3	3	1	0	0	0	0	0	0	0	9
1983	0	2	2	0	0	0	0	0	0	0	0	0	4
1984	0	3	0	0	0	0	0	0	0	0	0	0	3
1985	0	1	1	0	0	1	2	0	0	0	0	0	5
1986	0	0	1	2	3	0	0	0	0	0	0	0	6
1987	0	0	0	0	1	2	0	0	0	0	0	0	3
1988	0	0	0	0	0	0	0	0	0	0	0	0	0
1989	0	0	0	0	7	3	0	0	0	0	0	0	10
1990	0	0	0	0	0	2	1	0	0	0	0	0	3
1991	0	0	0	0	0	2	2	0	0	0	0	0	4
1992	0	0	0	0	1	1	0	0	0	0	0	0	2
AVG	0	0	1	1	1	2	1	0	0	0	0	0	7
MIN	0	0	0	0	0	0	0	0	0	0	0	0	0
MAX	1	6	8	6	7	7	10	3	0	0	0	0	19

Alternative 3 and 4 - Priority Group 5 Diversion to Storage (TAF)

Fordyce Lake

Increased storage shown as a positive value; releases from storage set to zero.

YEAR	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	TOTAL
1922	0	0	0	0	0	0	1	36	0	0	0	0	37
1923	0	0	0	0	0	0	10	30	0	0	0	0	40
1924	0	0	0	0	0	0	5	1	0	0	0	0	6
1925	0	0	1	0	5	0	14	27	0	0	0	0	47
1926	0	0	0	0	3	0	16	16	0	0	0	0	35
1927	0	5	0	0	5	2	26	6	0	0	0	0	44
1928	0	0	0	0	0	9	25	4	0	0	0	0	38
1929	0	0	0	0	0	0	2	10	2	0	0	0	14
1930	0	0	6	0	0	2	11	21	0	0	0	0	40
1931	0	0	0	0	0	2	5	3	0	0	0	0	10
1932	0	0	2	0	1	2	2	25	16	0	0	0	48
1933	0	0	0	0	0	0	2	6	16	0	0	0	24
1934	0	0	0	0	0	4	6	1	0	0	0	0	11
1935	0	1	0	1	0	1	5	30	9	0	0	0	47
1936	0	0	0	1	1	0	12	26	0	0	0	0	40
1937	0	0	0	0	0	0	1	28	11	0	0	0	40
1938	0	0	4	0	0	5	13	17	0	0	0	0	39
1939	0	0	0	0	0	0	7	3	0	0	0	0	10
1940	0	0	0	6	3	12	25	1	0	0	0	0	47
1941	0	0	0	0	1	1	8	27	0	0	0	0	37
1942	0	0	1	0	1	0	13	18	0	0	0	0	33
1943	0	0	0	1	0	10	22	0	0	0	0	0	33
1944	0	0	0	0	0	0	1	19	9	0	0	0	29
1945	0	0	0	0	2	0	4	29	7	0	0	0	42
1946	0	0	0	0	0	0	8	31	0	0	0	0	39
1947	0	0	0	0	0	1	6	8	0	0	0	0	15
1948	0	0	0	2	0	0	4	21	19	0	0	0	46
1949	0	0	0	0	0	0	5	25	4	0	0	0	34
1950	0	0	0	2	1	0	6	30	3	0	0	0	42
1951	0	11	11	2	4	0	0	0	0	0	0	0	28
1952	0	0	0	0	0	0	7	30	0	0	0	0	37
1953	0	0	0	2	0	0	4	19	13	0	0	0	38
1954	0	0	0	0	0	1	15	22	0	0	0	0	38
1955	0	0	0	0	0	0	2	13	10	0	0	0	25
1956	0	0	16	8	0	1	10	5	0	0	0	0	40
1957	0	0	0	0	1	1	2	27	8	0	0	0	39
1958	0	0	0	0	3	0	5	31	0	0	0	0	39
1959	0	0	0	0	0	0	6	7	0	0	0	0	13
1960	0	0	0	0	4	3	9	16	3	0	0	0	35
1961	0	0	0	0	1	1	4	9	2	0	0	0	17
1962	0	0	0	0	3	0	6	23	14	0	0	0	46
1963	4	0	0	0	6	0	15	14	0	0	0	0	39
1964	0	0	0	0	0	0	2	16	8	0	0	0	26
1965	0	0	19	8	1	0	12	0	0	0	0	0	40
1966	0	0	0	0	0	0	7	21	0	0	0	0	28
1967	0	0	0	0	1	3	0	30	11	0	0	0	45
1968	0	0	0	0	0	5	7	15	0	0	0	0	27
1969	0	0	0	0	0	0	10	34	0	0	0	0	44
1970	0	0	0	21	0	0	0	19	0	0	0	0	40
1971	0	0	0	1	0	0	4	26	11	0	0	0	42
1972	0	0	0	0	0	4	3	32	0	0	0	0	39
1973	0	0	2	0	0	0	7	33	0	0	0	0	42
1974	0	10	0	7	0	0	1	29	0	0	0	0	47
1975	0	0	0	0	0	0	0	27	15	0	0	0	42
1976	0	0	0	0	0	0	2	5	0	0	0	0	7
1977	0	0	0	0	0	0	3	4	0	0	0	0	7
1978	0	0	2	2	0	4	7	32	0	0	0	0	47
1979	0	0	0	0	0	0	2	33	0	0	0	0	35
1980	0	1	0	17	4	0	13	9	0	0	0	0	44
1981	0	0	0	0	0	0	7	10	0	0	0	0	17
1982	0	20	18	0	11	0	3	0	0	0	0	0	52
1983	0	0	0	0	0	2	1	29	5	0	0	0	37
1984	0	15	0	0	0	0	5	5	0	0	0	0	25
1985	0	0	0	0	0	0	11	19	0	0	0	0	30
1986	0	0	0	3	19	20	2	0	0	0	0	0	44
1987	0	0	0	0	0	0	11	2	0	0	0	0	13
1988	0	0	1	0	1	3	6	3	0	0	0	0	14
1989	0	1	0	0	1	10	21	15	0	0	0	0	48
1990	0	0	0	0	0	2	10	11	0	0	0	0	23
1991	0	0	0	0	0	1	5	15	5	0	0	0	26
1992	0	0	0	0	2	3	12	0	0	0	0	0	17
AVG:	0	1	1	1	1	2	7	17	3	0	0	0	33
MIN:	0	0	0	0	0	0	0	0	0	0	0	0	6
MAX:	4	20	19	21	19	20	26	36	19	0	0	0	52

Alternative 3 and 4 - Priority Group 6 Diversion to Storage (TAF)

Rollins+Combie+Scotts Flat+Bowman+Jackson Meadows

Increased storage shown as a positive value; releases from storage set to zero.

YEAR	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	TOTAL
1922	0	0	12	9	13	2	3	57	28	0	0	0	124
1923	0	0	2	1	1	1	20	38	13	0	0	0	76
1924	0	0	0	0	1	8	11	5	0	0	0	0	25
1925	0	0	4	15	63	2	23	33	6	0	0	0	146
1926	0	0	0	0	36	2	29	14	0	0	0	0	81
1927	1	27	22	15	9	14	26	54	26	0	0	0	194
1928	0	5	0	0	1	32	19	33	0	0	0	0	90
1929	0	0	0	0	3	12	10	44	10	0	0	0	79
1930	0	0	23	8	2	7	22	11	6	0	0	0	79
1931	0	0	0	0	1	3	13	12	0	0	0	0	29
1932	0	0	13	10	22	7	24	50	24	0	0	0	150
1933	0	0	0	0	0	7	6	34	36	0	0	0	83
1934	0	0	4	0	1	15	14	0	0	0	0	0	34
1935	0	6	3	1	1	1	8	45	19	0	0	0	84
1936	0	0	0	16	7	10	29	50	16	0	0	0	128
1937	0	0	0	0	23	4	9	52	11	0	0	0	99
1938	1	1	69	1	7	7	12	61	22	0	0	0	181
1939	0	0	0	0	0	3	19	4	0	0	0	0	26
1940	1	0	0	51	18	32	26	42	0	0	0	0	170
1941	1	0	16	3	6	10	13	59	5	0	0	0	113
1942	2	0	10	7	5	3	18	32	18	0	0	0	95
1943	1	0	2	12	3	14	41	17	0	0	0	0	90
1944	0	0	0	0	12	3	4	42	9	0	0	0	70
1945	1	4	8	2	28	4	13	43	11	0	0	0	114
1946	1	6	8	2	1	3	23	44	7	0	0	0	95
1947	1	3	6	0	4	5	12	17	2	0	0	0	50
1948	1	3	0	7	0	10	35	50	28	0	0	0	134
1949	0	0	0	0	0	18	16	45	5	0	0	0	84
1950	0	0	1	18	42	5	25	48	10	3	0	0	152
1951	3	46	16	4	4	4	4	13	0	0	0	0	94
1952	0	4	10	4	6	6	31	71	15	0	0	0	147
1953	0	0	0	4	1	5	23	34	28	0	0	0	95
1954	0	0	0	1	1	4	27	29	3	0	0	0	65
1955	0	0	5	8	0	0	4	36	28	0	0	0	81
1956	0	0	110	17	7	3	18	42	7	0	0	0	204
1957	0	0	0	0	3	6	11	36	19	0	0	0	75
1958	0	0	6	0	12	7	9	68	28	0	0	0	130
1959	1	0	0	4	3	3	13	11	0	0	0	0	35
1960	0	3	0	0	25	34	27	22	2	0	0	1	114
1961	0	0	0	2	3	1	8	22	3	0	0	0	39
1962	0	3	0	0	28	11	39	34	14	0	0	0	129
1963	29	0	3	10	31	3	5	34	0	0	0	0	115
1964	2	3	0	0	0	0	12	31	7	0	0	0	55
1965	0	0	114	10	3	2	18	28	2	0	0	0	177
1966	1	0	0	0	0	1	12	25	0	0	0	0	39
1967	0	7	30	20	1	15	1	43	53	0	0	0	170
1968	0	2	0	0	11	3	8	15	0	0	0	0	39
1969	0	1	12	47	4	2	20	69	16	0	0	0	171
1970	1	0	5	45	3	3	0	12	3	0	0	0	72
1971	0	12	3	2	1	3	12	42	39	0	0	0	114
1972	0	0	0	0	2	10	9	28	5	0	0	0	54
1973	0	12	14	7	4	2	15	48	7	0	0	0	109
1974	0	37	3	21	3	10	10	32	11	0	0	0	127
1975	0	0	0	1	8	1	0	43	50	5	0	0	108
1976	3	0	0	0	0	7	3	9	0	0	0	0	22
1977	0	0	0	1	3	2	1	11	6	0	0	0	24
1978	0	0	19	50	2	15	14	52	31	1	0	0	184
1979	0	0	5	8	2	2	9	41	4	0	0	0	71
1980	0	0	11	57	14	4	16	36	8	0	0	0	146
1981	3	0	0	4	3	3	12	11	0	0	0	0	36
1982	0	85	49	5	24	9	11	20	0	0	0	0	203
1983	1	5	2	4	5	17	2	50	36	0	0	0	122
1984	0	23	9	3	3	3	4	20	0	0	0	0	65
1985	0	1	0	0	1	2	21	25	0	0	0	0	50
1986	1	0	1	22	88	43	13	4	0	0	0	0	172
1987	0	0	0	0	3	15	21	5	0	0	0	0	44
1988	0	3	4	10	0	0	6	1	5	1	0	0	30
1989	2	3	1	5	1	68	14	17	3	0	1	0	115
1990	0	1	3	6	7	14	12	11	0	3	5	1	63
1991	0	3	0	0	0	49	8	0	11	0	3	2	76
1992	3	0	0	0	24	18	6	4	3	0	0	0	58
AVG:	1	4	9	8	9	9	15	31	11	0	0	0	97
MIN:	0	0	0	0	0	0	0	0	0	0	0	0	22
MAX:	29	85	114	57	88	68	41	71	53	5	5	2	204

Alternative 3 - Priority Group 8 Diversion to Storage (TAF)

Friant (A000234)

Increased storage shown as a positive value; releases from storage set to zero.

Corrected for months in which diversion to storage has been curtailed to meet Vernalis objective (X).

YEAR	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	TOTAL
1922	X	42	70	75	7	84	0	89	0	0	0	0	367
1923	0	26	75	59	0	0	87	31	0	0	0	14	292
1924	28	26	43	44	0	0	10	X	0	0	0	8	159
1925	X	19	36	36	16	0	61	61	0	0	0	0	229
1926	X	29	43	41	12	0	145	67	0	0	0	26	363
1927	X	43	68	65	68	8	0	46	37	0	0	0	335
1928	0	55	68	63	0	13	32	14	0	0	0	25	270
1929	X	37	40	34	0	0	60	0	0	0	0	25	196
1930	X	37	34	34	0	0	50	33	0	0	0	37	225
1931	9	40	33	31	0	0	5	X	0	0	0	1	119
1932	1	19	69	54	82	0	0	26	83	0	0	0	334
1933	0	26	32	46	0	0	59	59	0	0	0	1	223
1934	X	23	50	53	0	0	38	X	0	0	0	21	185
1935	X	27	44	69	0	0	116	94	58	0	0	24	432
1936	15	44	47	51	115	0	27	65	0	0	0	14	378
1937	22	24	58	64	106	50	36	0	0	0	0	0	360
1938	7	32	144	113	0	0	0	0	361	24	0	0	681
1939	0	3	50	34	0	0	67	79	0	0	0	53	286
1940	X	26	40	121	4	6	0	59	0	0	0	11	267
1941	23	31	107	113	17	70	0	0	39	0	0	0	400
1942	0	29	81	79	0	19	3	36	77	0	0	0	324
1943	0	40	71	151	0	106	0	10	0	0	0	0	378
1944	7	27	50	40	9	0	28	2	0	0	0	0	163
1945	X	56	63	35	113	42	0	29	30	0	0	0	368
1946	0	45	92	65	0	0	46	98	0	0	0	5	351
1947	1	48	80	66	0	0	X	52	X	0	0	20	267
1948	X	42	44	38	0	24	106	0	0	0	0	9	263
1949	X	29	38	42	0	0	36	58	0	0	0	28	231
1950	X	33	48	59	21	0	37	66	0	0	0	14	278
1951	X	132	116	0	0	0	X	X	0	0	0	40	288
1952	X	33	93	120	6	35	0	0	224	0	0	0	511
1953	0	39	64	63	0	0	32	X	0	0	0	5	203
1954	X	25	50	61	0	0	38	97	0	0	0	39	310
1955	X	36	62	67	0	0	X	43	0	0	0	14	222
1956	X	23	223	0	0	86	0	0	80	0	0	0	412
1957	0	23	42	31	0	11	X	66	8	0	0	22	203
1958	X	34	74	76	39	56	58	0	2	0	0	0	339
1959	0	43	49	24	24	0	82	X	0	0	0	11	233
1960	X	3	12	22	37	0	50	34	0	0	0	0	158
1961	X	24	38	18	0	3	51	49	0	0	0	0	183
1962	1	8	30	18	148	0	0	115	65	0	0	0	385
1963	X	27	28	53	156	1	93	0	0	0	0	0	358
1964	0	78	92	35	0	0	X	36	0	0	0	17	258
1965	X	39	100	130	0	0	25	0	48	0	0	0	342
1966	0	71	121	55	0	0	70	89	0	0	0	0	406
1967	X	33	126	86	3	60	0	0	232	34	0	0	574
1968	0	20	66	22	3	0	X	21	0	0	0	10	142
1969	X	39	51	182	0	0	0	4	382	0	0	0	658
1970	0	53	87	85	0	0	X	X	0	0	0	3	228
1971	X	53	103	68	0	0	X	X	0	0	0	0	224
1972	X	28	83	61	0	0	X	24	0	0	0	0	196
1973	X	32	68	84	65	1	0	125	6	0	0	0	381
1974	23	64	123	68	0	24	41	55	20	0	0	0	418
1975	6	43	62	42	26	0	23	11	138	0	0	14	365
1976	17	62	67	39	0	19	14	0	0	0	0	35	253
1977	0	17	10	8	0	0	X	X	0	7	0	2	44
1978	0	1	48	142	118	0	0	0	310	0	0	0	619
1979	0	29	55	50	0	33	0	57	0	0	0	11	235
1980	17	0	55	197	0	0	41	0	130	0	0	0	440
1981	0	27	26	28	8	8	53	31	0	0	0	25	206
1982	X	36	106	103	0	86	0	67	82	0	0	0	480
1983	0	104	18	0	0	0	0	0	37	285	40	24	508
1984	0	0	0	0	0	42	X	0	0	0	0	0	42
1985	X	24	55	84	0	0	96	59	0	0	0	1	319
1986	X	49	87	81	0	7	110	0	58	0	0	0	392
1987	3	19	9	9	1	44	64	83	0	0	0	15	247
1988	X	32	35	60	0	37	47	32	0	0	0	6	249
1989	1	27	25	28	0	15	74	59	0	0	0	14	243
1990	11	18	19	23	0	23	52	45	0	0	0	10	201
1991	0	14	16	18	0	0	31	22	12	0	0	13	126
1992	0	13	9	13	3	0	8	2	0	0	0	1	49
1993	4	0	23	176	26	59	9	94	0	0	0	0	391
1994	0	19	30	13	0	41	48	56	0	0	0	15	222
AVG:	3	34	60	59	17	15	31	34	35	5	1	9	301
MIN:	0	0	0	0	0	0	0	0	0	0	0	0	42
MAX:	28	132	223	197	156	106	145	125	382	285	40	53	681

Alternative 3
Allocation of "Add Water" for Vernalis Objective

Year		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1922	Add Water	6.0	x	x	x	0	0	29.0	108.0	0	x	x	x
	Right #	71.0	x	x	x	0	0	16.0	8.0	0	x	x	x
	From DD	3.6	x	x	x	0	0	1.1	0.5	0	x	x	x
	Friant Stor & DD	53.0	x	x	x	0	0	0	0	0	x	x	x
	Friant Oblig at NM	2.4	x	x	x	0	0	0	0	0	x	x	x
	From NM	0	x	x	x	0	0	0	208.0	0	x	x	x
	NM for Vern	0	x	x	x	0	0	0	107.5	0	x	x	x
	NM avail for DO	0	x	x	x	0	0	0	100.5	0	x	x	x
	From Hensley	0	x	x	x	0	0	13.0	0	0	x	x	x
	Hensley for Vern	0	x	x	x	0	0	13.0	0	0	x	x	x
	Hensley for DO	0	x	x	x	0	0	0	0	0	x	x	x
	From Eastman	0	x	x	x	0	0	13.0	0	0	x	x	x
	Eastman for Vern	0	x	x	x	0	0	13.0	0	0	x	x	x
	Eastman for DO	0	x	x	x	0	0	0	0	0	x	x	x
	From McClure	0	x	x	x	0	0	43.0	0	0	x	x	x
	McClure for Vern	0	x	x	x	0	0	1.9	0	0	x	x	x
	McClure for DO	0	x	x	x	0	0	41.1	0	0	x	x	x
	From Don Pedro	0	x	x	x	0	0	0	0	0	x	x	x
	Pedro for Vern	0	x	x	x	0	0	0	0	0	x	x	x
	Don Pedro for DO	0	x	x	x	0	0	0	0	0	x	x	x
Stor avail for DO	0	x	x	x	0	0	41.1	100.5	0	x	x	x	
Water Generated	6.0	x	x	x	0	0	29.0	108.0	0	x	x	x	
1923	Add Water	0	x	x	x	0	52.0	52.0	109.0	0	x	x	x
	Right #	0	x	x	x	0	12.0	16.0	11.0	0	x	x	x
	From DD	0	x	x	x	0	0.2	1.1	0.5	0	x	x	x
	Friant Stor & DD	0	x	x	x	0	0	0	0	0	x	x	x
	Friant Oblig at NM	0	x	x	x	0	0	0	0	0	x	x	x
	From NM	0	x	x	x	0	42.0	0	98.0	0	x	x	x
	NM for Vern	0	x	x	x	0	42.0	0	98.0	0	x	x	x
	NM avail for DO	0	x	x	x	0	0	0	0	0	x	x	x
	From Hensley	0	x	x	x	0	5.0	3.0	16.0	0	x	x	x
	Hensley for Vern	0	x	x	x	0	5.0	3.0	10.5	0	x	x	x
	Hensley for DO	0	x	x	x	0	0	0	5.5	0	x	x	x
	From Eastman	0	x	x	x	0	5.0	0	0	0	x	x	x
	Eastman for Vern	0	x	x	x	0	5.0	0	0	0	x	x	x
	Eastman for DO	0	x	x	x	0	0	0	0	0	x	x	x
	From McClure	0	x	x	x	0	0	73.0	0	0	x	x	x
	McClure for Vern	0	x	x	x	0	0	47.9	0	0	x	x	x
	McClure for DO	0	x	x	x	0	0	25.1	0	0	x	x	x
	From Don Pedro	0	x	x	x	0	0	0	0	0	x	x	x
	Pedro for Vern	0	x	x	x	0	0	0	0	0	x	x	x
	Don Pedro for DO	0	x	x	x	0	0	0	0	0	x	x	x
Stor avail for DO	0	x	x	x	0	0	25.1	5.5	0	x	x	x	
Water Generated	0	x	x	x	0	52.2	52.0	109.0	0	x	x	x	
1924	Add Water	0	x	x	x	0	0	18.0	43.0	0	x	x	x
	Right #	0	x	x	x	0	0	24.0	71.0	0	x	x	x
	From DD	0	x	x	x	0	0	7.5	29.7	0	x	x	x
	Friant Stor & DD	0	x	x	x	0	0	0	0	0	x	x	x
	Friant Oblig at NM	0	x	x	x	0	0	0	2.3	0	x	x	x
	From NM	0	x	x	x	0	0	0	0	0	x	x	x
	NM for Vern	0	x	x	x	0	0	0	0	0	x	x	x
	NM avail for DO	0	x	x	x	0	0	0	0	0	x	x	x
	From Hensley	0	x	x	x	0	0	4.0	0	0	x	x	x
	Hensley for Vern	0	x	x	x	0	0	4.0	0	0	x	x	x
	Hensley for DO	0	x	x	x	0	0	0	0	0	x	x	x
	From Eastman	0	x	x	x	0	0	0	0	0	x	x	x
	Eastman for Vern	0	x	x	x	0	0	0	0	0	x	x	x
	Eastman for DO	0	x	x	x	0	0	0	0	0	x	x	x
	From McClure	0	x	x	x	0	0	9.0	11.0	0	x	x	x
	McClure for Vern	0	x	x	x	0	0	9.0	11.0	0	x	x	x
	McClure for DO	0	x	x	x	0	0	0	0	0	x	x	x
	From Don Pedro	0	x	x	x	0	0	0	0	0	x	x	x
	Pedro for Vern	0	x	x	x	0	0	0	0	0	x	x	x
	Don Pedro for DO	0	x	x	x	0	0	0	0	0	x	x	x
Stor avail for DO	0	x	x	x	0	0	0	0	0	x	x	x	
Water Generated	0	x	x	x	0	0	20.5	43.0	0	x	x	x	

Alternative 3
Allocation of "Add Water" for Vernalis Objective

Year		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1925	Add Water	27.0	x	x	x	0	0	23.0	70.0	0	x	x	x
	Right #	71.0	x	x	x	0	0	8.0	8.0	0	x	x	x
	From DD	3.6	x	x	x	0	0	0.3	0.5	0	x	x	x
	Friant Stor & DD	33.0	x	x	x	0	0	0	0	0	x	x	x
	Friant Oblig at NM	23.4	x	x	x	0	0	0	0	0	x	x	x
	From NM	0	x	x	x	0	0	24.0	147.0	0	x	x	x
	NM for Vern	0	x	x	x	0	0	22.7	69.5	0	x	x	x
	NM avail for DO	0	x	x	x	0	0	1.0	77.5	0	x	x	x
	From Hensley	0	x	x	x	0	0	0	0	0	x	x	x
	Hensley for Vern	0	x	x	x	0	0	0	0	0	x	x	x
	Hensley for DO	0	x	x	x	0	0	0	0	0	x	x	x
	From Eastman	0	x	x	x	0	0	0	0	0	x	x	x
	Eastman for Vern	0	x	x	x	0	0	0	0	0	x	x	x
	Eastman for DO	0	x	x	x	0	0	0	0	0	x	x	x
	From McClure	0	x	x	x	0	0	0	0	0	x	x	x
	McClure for Vern	0	x	x	x	0	0	0	0	0	x	x	x
	McClure for DO	0	x	x	x	0	0	0	0	0	x	x	x
	From Don Pedro	0	x	x	x	0	0	0	0	0	x	x	x
	Pedro for Vern	0	x	x	x	0	0	0	0	0	x	x	x
	Don Pedro for DO	0	x	x	x	0	0	0	0	0	x	x	x
Stor avail for DO	0	x	x	x	0	0	1.0	77.5	0	x	x	x	
Water Generated	27.0	x	x	x	0	0	23.0	70.0	0	x	x	x	
1926	Add Water	27.0	x	x	x	0	32.0	34.0	88.0	8.0	x	x	x
	Right #	71.0	x	x	x	0	8.0	16.0	21.0	24.0	x	x	x
	From DD	3.6	x	x	x	0	0.2	1.1	3.2	9.2	x	x	x
	Friant Stor & DD	60.0	x	x	x	0	0	0	0	0	x	x	x
	Friant Oblig at NM	23.4	x	x	x	0	0	0	0	0	x	x	x
	From NM	0	x	x	x	0	47.0	4.0	0	0	x	x	x
	NM for Vern	0	x	x	x	0	31.8	4.0	0	0	x	x	x
	NM avail for DO	0	x	x	x	0	15.2	0	0	0	x	x	x
	From Hensley	0	x	x	x	0	0	5.0	5.0	0	x	x	x
	Hensley for Vern	0	x	x	x	0	0	5.0	5.0	0	x	x	x
	Hensley for DO	0	x	x	x	0	0	0	0	0	x	x	x
	From Eastman	0	x	x	x	0	0	1.0	0	0	x	x	x
	Eastman for Vern	0	x	x	x	0	0	1.0	0	0	x	x	x
	Eastman for DO	0	x	x	x	0	0	0	0	0	x	x	x
	From McClure	0	x	x	x	0	0	110.0	0	0	x	x	x
	McClure for Vern	0	x	x	x	0	0	22.9	0	0	x	x	x
	McClure for DO	0	x	x	x	0	0	87.1	0	0	x	x	x
	From Don Pedro	0	x	x	x	0	0	0	128.0	0	x	x	x
	Pedro for Vern	0	x	x	x	0	0	0	79.8	0	x	x	x
	Don Pedro for DO	0	x	x	x	0	0	0	48.2	0	x	x	x
Stor avail for DO	0	x	x	x	0	15.2	87.1	48.2	0	x	x	x	
Water Generated	27.0	x	x	x	0	32.0	34.0	88.0	9.2	x	x	x	
1927	Add Water	27.0	x	x	x	0	0	24.0	113.0	90.0	x	x	x
	Right #	71.0	x	x	x	0	0	8.0	8.0	16.0	x	x	x
	From DD	3.6	x	x	x	0	0	0.3	0.5	1.4	x	x	x
	Friant Stor & DD	73.0	x	x	x	0	0	0	0	0	x	x	x
	Friant Oblig at NM	20.4	x	x	x	0	0	0	0	0	x	x	x
	From NM	3.0	x	x	x	0	0	78.0	139.0	21.0	x	x	x
	NM for Vern	3.0	x	x	x	0	0	23.7	112.5	21.0	x	x	x
	NM avail for DO	0	x	x	x	0	0	54.3	26.5	0	x	x	x
	From Hensley	0	x	x	x	0	0	0	0	0	x	x	x
	Hensley for Vern	0	x	x	x	0	0	0	0	0	x	x	x
	Hensley for DO	0	x	x	x	0	0	0	0	0	x	x	x
	From Eastman	0	x	x	x	0	0	0	0	0	x	x	x
	Eastman for Vern	0	x	x	x	0	0	0	0	0	x	x	x
	Eastman for DO	0	x	x	x	0	0	0	0	0	x	x	x
	From McClure	0	x	x	x	0	0	0	0	75.0	x	x	x
	McClure for Vern	0	x	x	x	0	0	0	0	67.6	x	x	x
	McClure for DO	0	x	x	x	0	0	0	0	7.4	x	x	x
	From Don Pedro	0	x	x	x	0	0	0	0	0	x	x	x
	Pedro for Vern	0	x	x	x	0	0	0	0	0	x	x	x
	Don Pedro for DO	0	x	x	x	0	0	0	0	0	x	x	x
Stor avail for DO	0	x	x	x	0	0	54.3	26.5	7.4	x	x	x	
Water Generated	27.0	x	x	x	0	0	24.0	113.0	90.0	x	x	x	

Alternative 3
Allocation of "Add Water" for Vernalis Objective

Year		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1928	Add Water	0	x	x	x	0	0	39.0	91.0	2.0	x	x	x
	Right #	0	x	x	x	0	0	21.0	16.0	18.0	x	x	x
	From DD	0	x	x	x	0	0	2.1	1.4	2.5	x	x	x
	Friant Stor & DD	0	x	x	x	0	0	0	0	0	x	x	x
	Friant Oblig at NM	0	x	x	x	0	0	0	0	0	x	x	x
	From NM	0	x	x	x	0	0	17.0	70.0	0	x	x	x
	NM for Vern	0	x	x	x	0	0	17.0	70.0	0	x	x	x
	NM avail for DO	0	x	x	x	0	0	0	0	0	x	x	x
	From Hensley	0	x	x	x	0	0	0	0	0	x	x	x
	Hensley for Vern	0	x	x	x	0	0	0	0	0	x	x	x
	Hensley for DO	0	x	x	x	0	0	0	0	0	x	x	x
	From Eastman	0	x	x	x	0	0	0	0	0	x	x	x
	Eastman for Vern	0	x	x	x	0	0	0	0	0	x	x	x
	Eastman for DO	0	x	x	x	0	0	0	0	0	x	x	x
	From McClure	0	x	x	x	0	0	0	78.0	0	x	x	x
	McClure for Vern	0	x	x	x	0	0	0	19.6	0	x	x	x
	McClure for DO	0	x	x	x	0	0	0	58.4	0	x	x	x
	From Don Pedro	0	x	x	x	0	0	23.0	0	0	x	x	x
	Pedro for Vern	0	x	x	x	0	0	19.9	0	0	x	x	x
	Don Pedro for DO	0	x	x	x	0	0	1.0	0	0	x	x	x
Stor avail for DO	0	x	x	x	0	0	1.0	58.4	0	x	x	x	
Water Generated	0	x	x	x	0	0	39.0	91.0	2.5	x	x	x	
1929	Add Water	27.0	x	x	x	0	0	0	23.0	0	x	x	x
	Right #	71.0	x	x	x	0	0	0	16.0	0	x	x	x
	From DD	3.6	x	x	x	0	0	0	1.4	0	x	x	x
	Friant Stor & DD	50.0	x	x	x	0	0	0	0	0	x	x	x
	Friant Oblig at NM	21.4	x	x	x	0	0	0	0	0	x	x	x
	From NM	2.0	x	x	x	0	0	0	0	0	x	x	x
	NM for Vern	2.0	x	x	x	0	0	0	0	0	x	x	x
	NM avail for DO	0	x	x	x	0	0	0	0	0	x	x	x
	From Hensley	0	x	x	x	0	0	0	6.0	0	x	x	x
	Hensley for Vern	0	x	x	x	0	0	0	6.0	0	x	x	x
	Hensley for DO	0	x	x	x	0	0	0	0	0	x	x	x
	From Eastman	0	x	x	x	0	0	0	0	0	x	x	x
	Eastman for Vern	0	x	x	x	0	0	0	0	0	x	x	x
	Eastman for DO	0	x	x	x	0	0	0	0	0	x	x	x
	From McClure	0	x	x	x	0	0	0	21.0	0	x	x	x
	McClure for Vern	0	x	x	x	0	0	0	15.6	0	x	x	x
	McClure for DO	0	x	x	x	0	0	0	5.4	0	x	x	x
	From Don Pedro	0	x	x	x	0	0	0	0	0	x	x	x
	Pedro for Vern	0	x	x	x	0	0	0	0	0	x	x	x
	Don Pedro for DO	0	x	x	x	0	0	0	0	0	x	x	x
Stor avail for DO	0	x	x	x	0	0	0	5.4	0	x	x	x	
Water Generated	27.0	x	x	x	0	0	0	23.0	0	x	x	x	
1930	Add Water	27.0	x	x	x	0	0	15.0	20.0	0	x	x	x
	Right #	71.0	x	x	x	0	0	16.0	21.0	0	x	x	x
	From DD	3.6	x	x	x	0	0	1.1	3.2	0	x	x	x
	Friant Stor & DD	34.0	x	x	x	0	0	0	0	0	x	x	x
	Friant Oblig at NM	20.4	x	x	x	0	0	0	0	0	x	x	x
	From NM	3.0	x	x	x	0	0	0	0	0	x	x	x
	NM for Vern	3.0	x	x	x	0	0	0	0	0	x	x	x
	NM avail for DO	0	x	x	x	0	0	0	0	0	x	x	x
	From Hensley	0	x	x	x	0	0	3.0	2.0	0	x	x	x
	Hensley for Vern	0	x	x	x	0	0	3.0	2.0	0	x	x	x
	Hensley for DO	0	x	x	x	0	0	0	0	0	x	x	x
	From Eastman	0	x	x	x	0	0	0	0	0	x	x	x
	Eastman for Vern	0	x	x	x	0	0	0	0	0	x	x	x
	Eastman for DO	0	x	x	x	0	0	0	0	0	x	x	x
	From McClure	0	x	x	x	0	0	20.0	9.0	0	x	x	x
	McClure for Vern	0	x	x	x	0	0	10.9	9.0	0	x	x	x
	McClure for DO	0	x	x	x	0	0	9.1	0	0	x	x	x
	From Don Pedro	0	x	x	x	0	0	0	32.0	0	x	x	x
	Pedro for Vern	0	x	x	x	0	0	0	5.8	0	x	x	x
	Don Pedro for DO	0	x	x	x	0	0	0	26.2	0	x	x	x
Stor avail for DO	0	x	x	x	0	0	9.1	26.2	0	x	x	x	
Water Generated	27.0	x	x	x	0	0	15.0	20.0	0	x	x	x	

Alternative 3
Allocation of "Add Water" for Vernalis Objective

Year		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1931	Add Water	0	x	x	x	0	0	23.0	45.0	0	x	x	x
	Right #	0	x	x	x	0	0	52.0	70.0	0	x	x	x
	From DD	0	x	x	x	0	0	9.3	29.7	0	x	x	x
	Friant Stor & DD	0	x	x	x	0	0	0	0	0	x	x	x
	Friant Oblig at NM	0	x	x	x	0	0	0.7	2.3	0	x	x	x
	From NM	0	x	x	x	0	0	0	0	0	x	x	x
	NM for Vern	0	x	x	x	0	0	0	0	0	x	x	x
	NM avail for DO	0	x	x	x	0	0	0	0	0	x	x	x
	From Hensley	0	x	x	x	0	0	0	0	0	x	x	x
	Hensley for Vern	0	x	x	x	0	0	0	0	0	x	x	x
	Hensley for DO	0	x	x	x	0	0	0	0	0	x	x	x
	From Eastman	0	x	x	x	0	0	0	0	0	x	x	x
	Eastman for Vern	0	x	x	x	0	0	0	0	0	x	x	x
	Eastman for DO	0	x	x	x	0	0	0	0	0	x	x	x
	From McClure	0	x	x	x	0	0	13.0	13.0	0	x	x	x
	McClure for Vern	0	x	x	x	0	0	13.0	13.0	0	x	x	x
	McClure for DO	0	x	x	x	0	0	0	0	0	x	x	x
	From Don Pedro	0	x	x	x	0	0	0	0	0	x	x	x
	Pedro for Vern	0	x	x	x	0	0	0	0	0	x	x	x
	Don Pedro for DO	0	x	x	x	0	0	0	0	0	x	x	x
Stor avail for DO	0	x	x	x	0	0	0	0	0	x	x	x	
Water Generated	0	x	x	x	0	0	23.0	45.0	0	x	x	x	
1932	Add Water	0	x	x	x	0	0	0	68.0	32.0	x	x	x
	Right #	0	x	x	x	0	0	0	8.0	8.0	x	x	x
	From DD	0	x	x	x	0	0	0	0.5	0.5	x	x	x
	Friant Stor & DD	0	x	x	x	0	0	0	0	0	x	x	x
	Friant Oblig at NM	0	x	x	x	0	0	0	0	0	x	x	x
	From NM	0	x	x	x	0	0	0	175.0	121.0	x	x	x
	NM for Vern	0	x	x	x	0	0	0	67.5	31.5	x	x	x
	NM avail for DO	0	x	x	x	0	0	0	107.5	89.5	x	x	x
	From Hensley	0	x	x	x	0	0	0	0	0	x	x	x
	Hensley for Vern	0	x	x	x	0	0	0	0	0	x	x	x
	Hensley for DO	0	x	x	x	0	0	0	0	0	x	x	x
	From Eastman	0	x	x	x	0	0	0	0	0	x	x	x
	Eastman for Vern	0	x	x	x	0	0	0	0	0	x	x	x
	Eastman for DO	0	x	x	x	0	0	0	0	0	x	x	x
	From McClure	0	x	x	x	0	0	0	0	0	x	x	x
	McClure for Vern	0	x	x	x	0	0	0	0	0	x	x	x
	McClure for DO	0	x	x	x	0	0	0	0	0	x	x	x
	From Don Pedro	0	x	x	x	0	0	0	0	0	x	x	x
	Pedro for Vern	0	x	x	x	0	0	0	0	0	x	x	x
	Don Pedro for DO	0	x	x	x	0	0	0	0	0	x	x	x
Stor avail for DO	0	x	x	x	0	0	0	107.5	89.5	x	x	x	
Water Generated	0	x	x	x	0	0	0	68.0	32.0	x	x	x	
1933	Add Water	0	x	x	x	0	0	31.0	57.0	23.0	x	x	x
	Right #	0	x	x	x	0	0	24.0	24.0	16.0	x	x	x
	From DD	0	x	x	x	0	0	7.5	8.7	1.4	x	x	x
	Friant Stor & DD	0	x	x	x	0	0	0	0	0	x	x	x
	Friant Oblig at NM	0	x	x	x	0	0	0	0.3	0	x	x	x
	From NM	0	x	x	x	0	0	0	0	0	x	x	x
	NM for Vern	0	x	x	x	0	0	0	0	0	x	x	x
	NM avail for DO	0	x	x	x	0	0	0	0	0	x	x	x
	From Hensley	0	x	x	x	0	0	0	3.0	4.0	x	x	x
	Hensley for Vern	0	x	x	x	0	0	0	3.0	4.0	x	x	x
	Hensley for DO	0	x	x	x	0	0	0	0	0	x	x	x
	From Eastman	0	x	x	x	0	0	0	0	0	x	x	x
	Eastman for Vern	0	x	x	x	0	0	0	0	0	x	x	x
	Eastman for DO	0	x	x	x	0	0	0	0	0	x	x	x
	From McClure	0	x	x	x	0	0	24.0	45.0	87.0	x	x	x
	McClure for Vern	0	x	x	x	0	0	24.0	45.0	17.6	x	x	x
	McClure for DO	0	x	x	x	0	0	0	0	69.4	x	x	x
	From Don Pedro	0	x	x	x	0	0	0	0	0	x	x	x
	Pedro for Vern	0	x	x	x	0	0	0	0	0	x	x	x
	Don Pedro for DO	0	x	x	x	0	0	0	0	0	x	x	x
Stor avail for DO	0	x	x	x	0	0	0	0	69.4	x	x	x	
Water Generated	0	x	x	x	0	0	31.5	57.0	23.0	x	x	x	

Alternative 3
Allocation of "Add Water" for Vernalis Objective

Year		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1934	Add Water	27.0	x	x	x	0	0	10.0	42.0	0	x	x	x
	Right #	71.0	x	x	x	0	0	16.0	71.0	0	x	x	x
	From DD	3.6	x	x	x	0	0	1.1	29.7	0	x	x	x
	Friant Stor & DD	46.0	x	x	x	0	0	0	85.0	0	x	x	x
	Friant Oblig at NM	19.4	x	x	x	0	0	0	12.3	0	x	x	x
	From NM	4.0	x	x	x	0	0	0	0	0	x	x	x
	NM for Vern	4.0	x	x	x	0	0	0	0	0	x	x	x
	NM avail for DO	0	x	x	x	0	0	0	0	0	x	x	x
	From Hensley	0	x	x	x	0	0	1.0	0	0	x	x	x
	Hensley for Vern	0	x	x	x	0	0	1.0	0	0	x	x	x
	Hensley for DO	0	x	x	x	0	0	0	0	0	x	x	x
	From Eastman	0	x	x	x	0	0	0	0	0	x	x	x
	Eastman for Vern	0	x	x	x	0	0	0	0	0	x	x	x
	Eastman for DO	0	x	x	x	0	0	0	0	0	x	x	x
	From McClure	0	x	x	x	0	0	34.0	0	0	x	x	x
	McClure for Vern	0	x	x	x	0	0	7.9	0	0	x	x	x
	McClure for DO	0	x	x	x	0	0	26.1	0	0	x	x	x
	From Don Pedro	0	x	x	x	0	0	0	0	0	x	x	x
	Pedro for Vern	0	x	x	x	0	0	0	0	0	x	x	x
	Don Pedro for DO	0	x	x	x	0	0	0	0	0	x	x	x
	Stor avail for DO	0	x	x	x	0	0	26.1	0	0	x	x	x
Water Generated	27.0	x	x	x	0	0	10.0	42.0	0	x	x	x	
1935	Add Water	27.0	x	x	x	0	0	0	0	0	x	x	x
	Right #	71.0	x	x	x	0	0	0	0	0	x	x	x
	From DD	3.6	x	x	x	0	0	0	0	0	x	x	x
	Friant Stor & DD	47.0	x	x	x	0	0	0	0	0	x	x	x
	Friant Oblig at NM	23.4	x	x	x	0	0	0	0	0	x	x	x
	From NM	0	x	x	x	0	0	0	0	0	x	x	x
	NM for Vern	0	x	x	x	0	0	0	0	0	x	x	x
	NM avail for DO	0	x	x	x	0	0	0	0	0	x	x	x
	From Hensley	0	x	x	x	0	0	0	0	0	x	x	x
	Hensley for Vern	0	x	x	x	0	0	0	0	0	x	x	x
	Hensley for DO	0	x	x	x	0	0	0	0	0	x	x	x
	From Eastman	0	x	x	x	0	0	0	0	0	x	x	x
	Eastman for Vern	0	x	x	x	0	0	0	0	0	x	x	x
	Eastman for DO	0	x	x	x	0	0	0	0	0	x	x	x
	From McClure	0	x	x	x	0	0	0	0	0	x	x	x
	McClure for Vern	0	x	x	x	0	0	0	0	0	x	x	x
	McClure for DO	0	x	x	x	0	0	0	0	0	x	x	x
	From Don Pedro	0	x	x	x	0	0	0	0	0	x	x	x
	Pedro for Vern	0	x	x	x	0	0	0	0	0	x	x	x
	Don Pedro for DO	0	x	x	x	0	0	0	0	0	x	x	x
	Stor avail for DO	0	x	x	x	0	0	0	0	0	x	x	x
Water Generated	27.0	x	x	x	0	0	0	0	0	x	x	x	
1936	Add Water	0	x	x	x	0	0	0	49.0	13.0	x	x	x
	Right #	0	x	x	x	0	0	0	8.0	8.0	x	x	x
	From DD	0	x	x	x	0	0	0	0.5	0.5	x	x	x
	Friant Stor & DD	0	x	x	x	0	0	0	0	0	x	x	x
	Friant Oblig at NM	0	x	x	x	0	0	0	0	0	x	x	x
	From NM	0	x	x	x	0	0	0	185.0	56.0	x	x	x
	NM for Vern	0	x	x	x	0	0	0	48.5	12.5	x	x	x
	NM avail for DO	0	x	x	x	0	0	0	136.5	43.5	x	x	x
	From Hensley	0	x	x	x	0	0	0	0	0	x	x	x
	Hensley for Vern	0	x	x	x	0	0	0	0	0	x	x	x
	Hensley for DO	0	x	x	x	0	0	0	0	0	x	x	x
	From Eastman	0	x	x	x	0	0	0	0	0	x	x	x
	Eastman for Vern	0	x	x	x	0	0	0	0	0	x	x	x
	Eastman for DO	0	x	x	x	0	0	0	0	0	x	x	x
	From McClure	0	x	x	x	0	0	0	0	0	x	x	x
	McClure for Vern	0	x	x	x	0	0	0	0	0	x	x	x
	McClure for DO	0	x	x	x	0	0	0	0	0	x	x	x
	From Don Pedro	0	x	x	x	0	0	0	0	0	x	x	x
	Pedro for Vern	0	x	x	x	0	0	0	0	0	x	x	x
	Don Pedro for DO	0	x	x	x	0	0	0	0	0	x	x	x
	Stor avail for DO	0	x	x	x	0	0	0	136.5	43.5	x	x	x
Water Generated	0	x	x	x	0	0	0	49.0	13.0	x	x	x	

Alternative 3
Allocation of "Add Water" for Vernalis Objective

Year		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1937	Add Water	0	x	x	x	0	0	0	0	0	x	x	x
	Right #	0	x	x	x	0	0	0	0	0	x	x	x
	From DD	0	x	x	x	0	0	0	0	0	x	x	x
	Friant Stor & DD	0	x	x	x	0	0	0	0	0	x	x	x
	Friant Oblig at NM	0	x	x	x	0	0	0	0	0	x	x	x
	From NM	0	x	x	x	0	0	0	0	0	x	x	x
	NM for Vern	0	x	x	x	0	0	0	0	0	x	x	x
	NM avail for DO	0	x	x	x	0	0	0	0	0	x	x	x
	From Hensley	0	x	x	x	0	0	0	0	0	x	x	x
	Hensley for Vern	0	x	x	x	0	0	0	0	0	x	x	x
	Hensley for DO	0	x	x	x	0	0	0	0	0	x	x	x
	From Eastman	0	x	x	x	0	0	0	0	0	x	x	x
	Eastman for Vern	0	x	x	x	0	0	0	0	0	x	x	x
	Eastman for DO	0	x	x	x	0	0	0	0	0	x	x	x
	From McClure	0	x	x	x	0	0	0	0	0	x	x	x
	McClure for Vern	0	x	x	x	0	0	0	0	0	x	x	x
	McClure for DO	0	x	x	x	0	0	0	0	0	x	x	x
	From Don Pedro	0	x	x	x	0	0	0	0	0	x	x	x
	Pedro for Vern	0	x	x	x	0	0	0	0	0	x	x	x
	Don Pedro for DO	0	x	x	x	0	0	0	0	0	x	x	x
Stor avail for DO	0	x	x	x	0	0	0	0	0	x	x	x	
Water Generated	0	x	x	x	0	0	0	0	0	x	x	x	
1938	Add Water	0	x	x	x	0	0	0	0	0	x	x	x
	Right #	0	x	x	x	0	0	0	0	0	x	x	x
	From DD	0	x	x	x	0	0	0	0	0	x	x	x
	Friant Stor & DD	0	x	x	x	0	0	0	0	0	x	x	x
	Friant Oblig at NM	0	x	x	x	0	0	0	0	0	x	x	x
	From NM	0	x	x	x	0	0	0	0	0	x	x	x
	NM for Vern	0	x	x	x	0	0	0	0	0	x	x	x
	NM avail for DO	0	x	x	x	0	0	0	0	0	x	x	x
	From Hensley	0	x	x	x	0	0	0	0	0	x	x	x
	Hensley for Vern	0	x	x	x	0	0	0	0	0	x	x	x
	Hensley for DO	0	x	x	x	0	0	0	0	0	x	x	x
	From Eastman	0	x	x	x	0	0	0	0	0	x	x	x
	Eastman for Vern	0	x	x	x	0	0	0	0	0	x	x	x
	Eastman for DO	0	x	x	x	0	0	0	0	0	x	x	x
	From McClure	0	x	x	x	0	0	0	0	0	x	x	x
	McClure for Vern	0	x	x	x	0	0	0	0	0	x	x	x
	McClure for DO	0	x	x	x	0	0	0	0	0	x	x	x
	From Don Pedro	0	x	x	x	0	0	0	0	0	x	x	x
	Pedro for Vern	0	x	x	x	0	0	0	0	0	x	x	x
	Don Pedro for DO	0	x	x	x	0	0	0	0	0	x	x	x
Stor avail for DO	0	x	x	x	0	0	0	0	0	x	x	x	
Water Generated	0	x	x	x	0	0	0	0	0	x	x	x	
1939	Add Water	0	x	x	x	0	0	0	45.0	12.0	x	x	x
	Right #	0	x	x	x	0	0	0	63.0	44.0	x	x	x
	From DD	0	x	x	x	0	0	0	26.5	10.9	x	x	x
	Friant Stor & DD	0	x	x	x	0	0	0	0	0	x	x	x
	Friant Oblig at NM	0	x	x	x	0	0	0	0	1.1	x	x	x
	From NM	0	x	x	x	0	0	0	0	0	x	x	x
	NM for Vern	0	x	x	x	0	0	0	0	0	x	x	x
	NM avail for DO	0	x	x	x	0	0	0	0	0	x	x	x
	From Hensley	0	x	x	x	0	0	0	0	0	x	x	x
	Hensley for Vern	0	x	x	x	0	0	0	0	0	x	x	x
	Hensley for DO	0	x	x	x	0	0	0	0	0	x	x	x
	From Eastman	0	x	x	x	0	0	0	0	0	x	x	x
	Eastman for Vern	0	x	x	x	0	0	0	0	0	x	x	x
	Eastman for DO	0	x	x	x	0	0	0	0	0	x	x	x
	From McClure	0	x	x	x	0	0	0	7.0	0	x	x	x
	McClure for Vern	0	x	x	x	0	0	0	7.0	0	x	x	x
	McClure for DO	0	x	x	x	0	0	0	0	0	x	x	x
	From Don Pedro	0	x	x	x	0	0	0	19.0	0	x	x	x
	Pedro for Vern	0	x	x	x	0	0	0	19.0	0	x	x	x
	Don Pedro for DO	0	x	x	x	0	0	0	0	0	x	x	x
Stor avail for DO	0	x	x	x	0	0	0	0	0	x	x	x	
Water Generated	0	x	x	x	0	0	0	52.5	12.0	x	x	x	

Alternative 3
Allocation of "Add Water" for Vernalis Objective

Year		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1940	Add Water	23.0	x	x	x	0	0	0	62.0	91.0	x	x	x
	Right #	71.0	x	x	x	0	0	0	8.0	21.0	x	x	x
	From DD	3.6	x	x	x	0	0	0	0.5	3.7	x	x	x
	Friant Stor & DD	49.0	x	x	x	0	0	0	0	0	x	x	x
	Friant Oblig at NM	11.4	x	x	x	0	0	0	0	0	x	x	x
	From NM	0	x	x	x	0	0	0	182.0	0	x	x	x
	NM for Vern	0	x	x	x	0	0	0	61.5	0	x	x	x
	NM avail for DO	0	x	x	x	0	0	0	120.5	0	x	x	x
	From Hensley	0	x	x	x	0	0	0	0	0	x	x	x
	Hensley for Vern	0	x	x	x	0	0	0	0	0	x	x	x
	Hensley for DO	0	x	x	x	0	0	0	0	0	x	x	x
	From Eastman	0	x	x	x	0	0	0	0	0	x	x	x
	Eastman for Vern	0	x	x	x	0	0	0	0	0	x	x	x
	Eastman for DO	0	x	x	x	0	0	0	0	0	x	x	x
	From McClure	8.0	x	x	x	0	0	0	0	18.0	x	x	x
	McClure for Vern	8.0	x	x	x	0	0	0	0	18.0	x	x	x
	McClure for DO	0	x	x	x	0	0	0	0	0	x	x	x
	From Don Pedro	0	x	x	x	0	0	0	0	142.0	x	x	x
	Pedro for Vern	0	x	x	x	0	0	0	0	69.3	x	x	x
	Don Pedro for DO	0	x	x	x	0	0	0	0	72.7	x	x	x
Stor avail for DO	0	x	x	x	0	0	0	120.5	72.7	x	x	x	
Water Generated	23.0	x	x	x	0	0	0	62.0	91.0	x	x	x	
1941	Add Water	0	x	x	x	0	0	0	0	0	x	x	x
	Right #	0	x	x	x	0	0	0	0	0	x	x	x
	From DD	0	x	x	x	0	0	0	0	0	x	x	x
	Friant Stor & DD	0	x	x	x	0	0	0	0	0	x	x	x
	Friant Oblig at NM	0	x	x	x	0	0	0	0	0	x	x	x
	From NM	0	x	x	x	0	0	0	0	0	x	x	x
	NM for Vern	0	x	x	x	0	0	0	0	0	x	x	x
	NM avail for DO	0	x	x	x	0	0	0	0	0	x	x	x
	From Hensley	0	x	x	x	0	0	0	0	0	x	x	x
	Hensley for Vern	0	x	x	x	0	0	0	0	0	x	x	x
	Hensley for DO	0	x	x	x	0	0	0	0	0	x	x	x
	From Eastman	0	x	x	x	0	0	0	0	0	x	x	x
	Eastman for Vern	0	x	x	x	0	0	0	0	0	x	x	x
	Eastman for DO	0	x	x	x	0	0	0	0	0	x	x	x
	From McClure	0	x	x	x	0	0	0	0	0	x	x	x
	McClure for Vern	0	x	x	x	0	0	0	0	0	x	x	x
	McClure for DO	0	x	x	x	0	0	0	0	0	x	x	x
	From Don Pedro	0	x	x	x	0	0	0	0	0	x	x	x
	Pedro for Vern	0	x	x	x	0	0	0	0	0	x	x	x
	Don Pedro for DO	0	x	x	x	0	0	0	0	0	x	x	x
Stor avail for DO	0	x	x	x	0	0	0	0	0	x	x	x	
Water Generated	0	x	x	x	0	0	0	0	0	x	x	x	
1942	Add Water	0	x	x	x	0	0	0	11.0	0	x	x	x
	Right #	0	x	x	x	0	0	0	8.0	0	x	x	x
	From DD	0	x	x	x	0	0	0	0.5	0	x	x	x
	Friant Stor & DD	0	x	x	x	0	0	0	0	0	x	x	x
	Friant Oblig at NM	0	x	x	x	0	0	0	0	0	x	x	x
	From NM	0	x	x	x	0	0	0	153.0	0	x	x	x
	NM for Vern	0	x	x	x	0	0	0	10.5	0	x	x	x
	NM avail for DO	0	x	x	x	0	0	0	142.5	0	x	x	x
	From Hensley	0	x	x	x	0	0	0	0	0	x	x	x
	Hensley for Vern	0	x	x	x	0	0	0	0	0	x	x	x
	Hensley for DO	0	x	x	x	0	0	0	0	0	x	x	x
	From Eastman	0	x	x	x	0	0	0	0	0	x	x	x
	Eastman for Vern	0	x	x	x	0	0	0	0	0	x	x	x
	Eastman for DO	0	x	x	x	0	0	0	0	0	x	x	x
	From McClure	0	x	x	x	0	0	0	0	0	x	x	x
	McClure for Vern	0	x	x	x	0	0	0	0	0	x	x	x
	McClure for DO	0	x	x	x	0	0	0	0	0	x	x	x
	From Don Pedro	0	x	x	x	0	0	0	0	0	x	x	x
	Pedro for Vern	0	x	x	x	0	0	0	0	0	x	x	x
	Don Pedro for DO	0	x	x	x	0	0	0	0	0	x	x	x
Stor avail for DO	0	x	x	x	0	0	0	142.5	0	x	x	x	
Water Generated	0	x	x	x	0	0	0	11.0	0	x	x	x	

Alternative 3
Allocation of "Add Water" for Vernalis Objective

Year		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1943	Add Water	0	x	x	x	0	0	0	0	46.0	x	x	x
	Right #	0	x	x	x	0	0	0	0	16.0	x	x	x
	From DD	0	x	x	x	0	0	0	0	1.4	x	x	x
	Friant Stor & DD	0	x	x	x	0	0	0	0	0	x	x	x
	Friant Oblig at NM	0	x	x	x	0	0	0	0	0	x	x	x
	From NM	0	x	x	x	0	0	0	0	30.0	x	x	x
	NM for Vern	0	x	x	x	0	0	0	0	30.0	x	x	x
	NM avail for DO	0	x	x	x	0	0	0	0	0	x	x	x
	From Hensley	0	x	x	x	0	0	0	0	0	x	x	x
	Hensley for Vern	0	x	x	x	0	0	0	0	0	x	x	x
	Hensley for DO	0	x	x	x	0	0	0	0	0	x	x	x
	From Eastman	0	x	x	x	0	0	0	0	0	x	x	x
	Eastman for Vern	0	x	x	x	0	0	0	0	0	x	x	x
	Eastman for DO	0	x	x	x	0	0	0	0	0	x	x	x
	From McClure	0	x	x	x	0	0	0	0	36.0	x	x	x
	McClure for Vern	0	x	x	x	0	0	0	0	14.6	x	x	x
	McClure for DO	0	x	x	x	0	0	0	0	21.4	x	x	x
	From Don Pedro	0	x	x	x	0	0	0	0	0	x	x	x
	Pedro for Vern	0	x	x	x	0	0	0	0	0	x	x	x
	Don Pedro for DO	0	x	x	x	0	0	0	0	0	x	x	x
Stor avail for DO	0	x	x	x	0	0	0	0	21.4	x	x	x	
Water Generated	0	x	x	x	0	0	0	0	46.0	x	x	x	
1944	Add Water	0	x	x	x	0	0	0	25.0	0	x	x	x
	Right #	0	x	x	x	0	0	0	16.0	0	x	x	x
	From DD	0	x	x	x	0	0	0	1.4	0	x	x	x
	Friant Stor & DD	0	x	x	x	0	0	0	0	0	x	x	x
	Friant Oblig at NM	0	x	x	x	0	0	0	0	0	x	x	x
	From NM	0	x	x	x	0	0	0	0	0	x	x	x
	NM for Vern	0	x	x	x	0	0	0	0	0	x	x	x
	NM avail for DO	0	x	x	x	0	0	0	0	0	x	x	x
	From Hensley	0	x	x	x	0	0	0	0	0	x	x	x
	Hensley for Vern	0	x	x	x	0	0	0	0	0	x	x	x
	Hensley for DO	0	x	x	x	0	0	0	0	0	x	x	x
	From Eastman	0	x	x	x	0	0	0	0	0	x	x	x
	Eastman for Vern	0	x	x	x	0	0	0	0	0	x	x	x
	Eastman for DO	0	x	x	x	0	0	0	0	0	x	x	x
	From McClure	0	x	x	x	0	0	0	130.0	0	x	x	x
	McClure for Vern	0	x	x	x	0	0	0	23.6	0	x	x	x
	McClure for DO	0	x	x	x	0	0	0	106.4	0	x	x	x
	From Don Pedro	0	x	x	x	0	0	0	0	0	x	x	x
	Pedro for Vern	0	x	x	x	0	0	0	0	0	x	x	x
	Don Pedro for DO	0	x	x	x	0	0	0	0	0	x	x	x
Stor avail for DO	0	x	x	x	0	0	0	106.4	0	x	x	x	
Water Generated	0	x	x	x	0	0	0	25.0	0	x	x	x	
1945	Add Water	14.0	x	x	x	0	0	0	11.0	0	x	x	x
	Right #	71.0	x	x	x	0	0	0	8.0	0	x	x	x
	From DD	3.6	x	x	x	0	0	0	0.5	0	x	x	x
	Friant Stor & DD	87.0	x	x	x	0	0	0	0	0	x	x	x
	Friant Oblig at NM	10.4	x	x	x	0	0	0	0	0	x	x	x
	From NM	0	x	x	x	0	0	0	139.0	0	x	x	x
	NM for Vern	0	x	x	x	0	0	0	10.5	0	x	x	x
	NM avail for DO	0	x	x	x	0	0	0	128.5	0	x	x	x
	From Hensley	0	x	x	x	0	0	0	0	0	x	x	x
	Hensley for Vern	0	x	x	x	0	0	0	0	0	x	x	x
	Hensley for DO	0	x	x	x	0	0	0	0	0	x	x	x
	From Eastman	0	x	x	x	0	0	0	0	0	x	x	x
	Eastman for Vern	0	x	x	x	0	0	0	0	0	x	x	x
	Eastman for DO	0	x	x	x	0	0	0	0	0	x	x	x
	From McClure	0	x	x	x	0	0	0	0	0	x	x	x
	McClure for Vern	0	x	x	x	0	0	0	0	0	x	x	x
	McClure for DO	0	x	x	x	0	0	0	0	0	x	x	x
	From Don Pedro	0	x	x	x	0	0	0	0	0	x	x	x
	Pedro for Vern	0	x	x	x	0	0	0	0	0	x	x	x
	Don Pedro for DO	0	x	x	x	0	0	0	0	0	x	x	x
Stor avail for DO	0	x	x	x	0	0	0	128.5	0	x	x	x	
Water Generated	14.0	x	x	x	0	0	0	11.0	0	x	x	x	

Alternative 3
Allocation of "Add Water" for Vernalis Objective

Year		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1946	Add Water	0	x	x	x	0	0	26.0	11.0	18.0	x	x	x
	Right #	0	x	x	x	0	0	16.0	8.0	21.0	x	x	x
	From DD	0	x	x	x	0	0	1.1	0.5	3.7	x	x	x
	Friant Stor & DD	0	x	x	x	0	0	0	0	0	x	x	x
	Friant Oblig at NM	0	x	x	x	0	0	0	0	0	x	x	x
	From NM	0	x	x	x	0	0	10.0	80.0	0	x	x	x
	NM for Vern	0	x	x	x	0	0	10.0	10.5	0	x	x	x
	NM avail for DO	0	x	x	x	0	0	0	69.5	0	x	x	x
	From Hensley	0	x	x	x	0	0	0	0	0	x	x	x
	Hensley for Vern	0	x	x	x	0	0	0	0	0	x	x	x
	Hensley for DO	0	x	x	x	0	0	0	0	0	x	x	x
	From Eastman	0	x	x	x	0	0	0	0	1.0	x	x	x
	Eastman for Vern	0	x	x	x	0	0	0	0	1.0	x	x	x
	Eastman for DO	0	x	x	x	0	0	0	0	0	x	x	x
	From McClure	0	x	x	x	0	0	108.0	0	0	x	x	x
	McClure for Vern	0	x	x	x	0	0	14.9	0	0	x	x	x
	McClure for DO	0	x	x	x	0	0	93.1	0	0	x	x	x
	From Don Pedro	0	x	x	x	0	0	0	0	59.0	x	x	x
	Pedro for Vern	0	x	x	x	0	0	0	0	13.3	x	x	x
	Don Pedro for DO	0	x	x	x	0	0	0	0	45.7	x	x	x
Stor avail for DO	0	x	x	x	0	0	93.1	69.5	45.7	x	x	x	
Water Generated	0	x	x	x	0	0	26.0	11.0	18.0	x	x	x	
1947	Add Water	0	x	x	x	0	23.0	85.0	62.0	19.0	x	x	x
	Right #	0	x	x	x	0	8.0	71.0	16.0	58.0	x	x	x
	From DD	0	x	x	x	0	0.2	19.5	1.4	18.7	x	x	x
	Friant Stor & DD	0	x	x	x	0	0	134.0	0	0	x	x	x
	Friant Oblig at NM	0	x	x	x	0	0	26.5	0	0.3	x	x	x
	From NM	0	x	x	x	0	53.0	0	0	0	x	x	x
	NM for Vern	0	x	x	x	0	22.8	0	0	0	x	x	x
	NM avail for DO	0	x	x	x	0	30.2	0	0	0	x	x	x
	From Hensley	0	x	x	x	0	0	0	0	0	x	x	x
	Hensley for Vern	0	x	x	x	0	0	0	0	0	x	x	x
	Hensley for DO	0	x	x	x	0	0	0	0	0	x	x	x
	From Eastman	0	x	x	x	0	0	0	0	0	x	x	x
	Eastman for Vern	0	x	x	x	0	0	0	0	0	x	x	x
	Eastman for DO	0	x	x	x	0	0	0	0	0	x	x	x
	From McClure	0	x	x	x	0	0	39.0	81.0	0	x	x	x
	McClure for Vern	0	x	x	x	0	0	39.0	60.6	0	x	x	x
	McClure for DO	0	x	x	x	0	0	0	20.4	0	x	x	x
	From Don Pedro	0	x	x	x	0	0	0	0	0	x	x	x
	Pedro for Vern	0	x	x	x	0	0	0	0	0	x	x	x
	Don Pedro for DO	0	x	x	x	0	0	0	0	0	x	x	x
Stor avail for DO	0	x	x	x	0	30.2	0	20.4	0	x	x	x	
Water Generated	0	x	x	x	0	23.0	85.0	62.0	19.0	x	x	x	
1948	Add Water	27.0	x	x	x	12.0	0	21.0	59.0	27.0	x	x	x
	Right #	71.0	x	x	x	8.0	0	16.0	16.0	8.0	x	x	x
	From DD	3.6	x	x	x	0	0	1.1	1.4	0.5	x	x	x
	Friant Stor & DD	44.0	x	x	x	0	0	0	0	0	x	x	x
	Friant Oblig at NM	15.4	x	x	x	0	0	0	0	0	x	x	x
	From NM	8.0	x	x	x	20.0	0	9.0	45.0	53.0	x	x	x
	NM for Vern	8.0	x	x	x	12.0	0	9.0	45.0	26.5	x	x	x
	NM avail for DO	0	x	x	x	8.0	0	0	0	26.5	x	x	x
	From Hensley	0	x	x	x	0	0	0	0	0	x	x	x
	Hensley for Vern	0	x	x	x	0	0	0	0	0	x	x	x
	Hensley for DO	0	x	x	x	0	0	0	0	0	x	x	x
	From Eastman	0	x	x	x	0	0	0	0	0	x	x	x
	Eastman for Vern	0	x	x	x	0	0	0	0	0	x	x	x
	Eastman for DO	0	x	x	x	0	0	0	0	0	x	x	x
	From McClure	0	x	x	x	0	0	22.0	119.0	0	x	x	x
	McClure for Vern	0	x	x	x	0	0	10.9	12.6	0	x	x	x
	McClure for DO	0	x	x	x	0	0	11.1	106.4	0	x	x	x
	From Don Pedro	0	x	x	x	0	0	0	0	0	x	x	x
	Pedro for Vern	0	x	x	x	0	0	0	0	0	x	x	x
	Don Pedro for DO	0	x	x	x	0	0	0	0	0	x	x	x
Stor avail for DO	0	x	x	x	8.0	0	11.1	106.4	26.5	x	x	x	
Water Generated	27.0	x	x	x	12.0	0	21.0	59.0	27.0	x	x	x	

Alternative 3
Allocation of "Add Water" for Vernalis Objective

Year		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1949	Add Water	27.0	x	x	x	0	0	59.0	46.0	4.0	x	x	x
	Right #	71.0	x	x	x	0	0	21.0	16.0	20.0	x	x	x
	From DD	3.6	x	x	x	0	0	2.1	1.4	3.7	x	x	x
	Friant Stor & DD	53.0	x	x	x	0	0	0	0	0	x	x	x
	Friant Oblig at NM	21.4	x	x	x	0	0	0	0	0.3	x	x	x
	From NM	2.0	x	x	x	0	0	0	17.0	0	x	x	x
	NM for Vern	2.0	x	x	x	0	0	0	17.0	0	x	x	x
	NM avail for DO	0	x	x	x	0	0	0	0	0	x	x	x
	From Hensley	0	x	x	x	0	0	0	0	0	x	x	x
	Hensley for Vern	0	x	x	x	0	0	0	0	0	x	x	x
	Hensley for DO	0	x	x	x	0	0	0	0	0	x	x	x
	From Eastman	0	x	x	x	0	0	0	0	0	x	x	x
	Eastman for Vern	0	x	x	x	0	0	0	0	0	x	x	x
	Eastman for DO	0	x	x	x	0	0	0	0	0	x	x	x
	From McClure	0	x	x	x	0	0	55.0	117.0	0	x	x	x
	McClure for Vern	0	x	x	x	0	0	55.0	27.6	0	x	x	x
	McClure for DO	0	x	x	x	0	0	0	89.4	0	x	x	x
	From Don Pedro	0	x	x	x	0	0	64.0	0	0	x	x	x
	Pedro for Vern	0	x	x	x	0	0	1.9	0	0	x	x	x
	Don Pedro for DO	0	x	x	x	0	0	62.1	0	0	x	x	x
Stor avail for DO	0	x	x	x	0	0	62.1	89.4	0	x	x	x	
Water Generated	27.0	x	x	x	0	0	59.0	46.0	4.0	x	x	x	
1950	Add Water	26.0	x	x	x	0	0	56.0	100.0	5.0	x	x	x
	Right #	71.0	x	x	x	0	0	16.0	8.0	16.0	x	x	x
	From DD	3.6	x	x	x	0	0	1.1	0.5	1.4	x	x	x
	Friant Stor & DD	59.0	x	x	x	0	0	0	0	0	x	x	x
	Friant Oblig at NM	22.4	x	x	x	0	0	0	0	0	x	x	x
	From NM	0	x	x	x	0	0	28.0	119.0	0	x	x	x
	NM for Vern	0	x	x	x	0	0	28.0	99.5	0	x	x	x
	NM avail for DO	0	x	x	x	0	0	0	19.5	0	x	x	x
	From Hensley	0	x	x	x	0	0	0	0	0	x	x	x
	Hensley for Vern	0	x	x	x	0	0	0	0	0	x	x	x
	Hensley for DO	0	x	x	x	0	0	0	0	0	x	x	x
	From Eastman	0	x	x	x	0	0	0	0	1.0	x	x	x
	Eastman for Vern	0	x	x	x	0	0	0	0	1.0	x	x	x
	Eastman for DO	0	x	x	x	0	0	0	0	0	x	x	x
	From McClure	0	x	x	x	0	0	86.0	0	6.0	x	x	x
	McClure for Vern	0	x	x	x	0	0	26.9	0	2.6	x	x	x
	McClure for DO	0	x	x	x	0	0	59.1	0	3.4	x	x	x
	From Don Pedro	0	x	x	x	0	0	0	0	0	x	x	x
	Pedro for Vern	0	x	x	x	0	0	0	0	0	x	x	x
	Don Pedro for DO	0	x	x	x	0	0	0	0	0	x	x	x
Stor avail for DO	0	x	x	x	0	0	59.1	19.5	3.4	x	x	x	
Water Generated	26.0	x	x	x	0	0	56.0	100.0	5.0	x	x	x	
1951	Add Water	25.0	x	x	x	0	0	107.0	143.0	33.0	x	x	x
	Right #	71.0	x	x	x	0	0	71.0	71.0	21.0	x	x	x
	From DD	3.6	x	x	x	0	0	19.5	29.7	3.7	x	x	x
	Friant Stor & DD	107.0	x	x	x	0	0	148.0	154.0	0	x	x	x
	Friant Oblig at NM	21.4	x	x	x	0	0	13.5	56.3	0	x	x	x
	From NM	0	x	x	x	0	0	27.0	0	0	x	x	x
	NM for Vern	0	x	x	x	0	0	27.0	0	0	x	x	x
	NM avail for DO	0	x	x	x	0	0	0	0	0	x	x	x
	From Hensley	0	x	x	x	0	0	0	0	0	x	x	x
	Hensley for Vern	0	x	x	x	0	0	0	0	0	x	x	x
	Hensley for DO	0	x	x	x	0	0	0	0	0	x	x	x
	From Eastman	0	x	x	x	0	0	0	0	0	x	x	x
	Eastman for Vern	0	x	x	x	0	0	0	0	0	x	x	x
	Eastman for DO	0	x	x	x	0	0	0	0	0	x	x	x
	From McClure	0	x	x	x	0	0	47.0	57.0	0	x	x	x
	McClure for Vern	0	x	x	x	0	0	47.0	57.0	0	x	x	x
	McClure for DO	0	x	x	x	0	0	0	0	0	x	x	x
	From Don Pedro	0	x	x	x	0	0	0	0	41.0	x	x	x
	Pedro for Vern	0	x	x	x	0	0	0	0	29.3	x	x	x
	Don Pedro for DO	0	x	x	x	0	0	0	0	11.7	x	x	x
Stor avail for DO	0	x	x	x	0	0	0	0	11.7	x	x	x	
Water Generated	25.0	x	x	x	0	0	107.0	143.0	33.0	x	x	x	

Alternative 3
Allocation of "Add Water" for Vernalis Objective

Year		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1952	Add Water	8.0	x	x	x	0	0	0	0	0	x	x	x
	Right #	71.0	x	x	x	0	0	0	0	0	x	x	x
	From DD	3.6	x	x	x	0	0	0	0	0	x	x	x
	Friant Stor & DD	59.0	x	x	x	0	0	0	0	0	x	x	x
	Friant Oblig at NM	4.4	x	x	x	0	0	0	0	0	x	x	x
	From NM	0	x	x	x	0	0	0	0	0	x	x	x
	NM for Vern	0	x	x	x	0	0	0	0	0	x	x	x
	NM avail for DO	0	x	x	x	0	0	0	0	0	x	x	x
	From Hensley	0	x	x	x	0	0	0	0	0	x	x	x
	Hensley for Vern	0	x	x	x	0	0	0	0	0	x	x	x
	Hensley for DO	0	x	x	x	0	0	0	0	0	x	x	x
	From Eastman	0	x	x	x	0	0	0	0	0	x	x	x
	Eastman for Vern	0	x	x	x	0	0	0	0	0	x	x	x
	Eastman for DO	0	x	x	x	0	0	0	0	0	x	x	x
	From McClure	0	x	x	x	0	0	0	0	0	x	x	x
	McClure for Vern	0	x	x	x	0	0	0	0	0	x	x	x
	McClure for DO	0	x	x	x	0	0	0	0	0	x	x	x
	From Don Pedro	0	x	x	x	0	0	0	0	0	x	x	x
	Pedro for Vern	0	x	x	x	0	0	0	0	0	x	x	x
	Don Pedro for DO	0	x	x	x	0	0	0	0	0	x	x	x
	Stor avail for DO	0	x	x	x	0	0	0	0	0	x	x	x
Water Generated	8.0	x	x	x	0	0	0	0	0	x	x	x	
1953	Add Water	0	x	x	x	0	0	67.0	95.0	49.0	x	x	x
	Right #	0	x	x	x	0	0	53.0	71.0	21.0	x	x	x
	From DD	0	x	x	x	0	0	10.3	29.7	3.7	x	x	x
	Friant Stor & DD	0	x	x	x	0	0	0	110.0	0	x	x	x
	Friant Oblig at NM	0	x	x	x	0	0	0.7	44.3	0	x	x	x
	From NM	0	x	x	x	0	0	0	0	0	x	x	x
	NM for Vern	0	x	x	x	0	0	0	0	0	x	x	x
	NM avail for DO	0	x	x	x	0	0	0	0	0	x	x	x
	From Hensley	0	x	x	x	0	0	0	0	0	x	x	x
	Hensley for Vern	0	x	x	x	0	0	0	0	0	x	x	x
	Hensley for DO	0	x	x	x	0	0	0	0	0	x	x	x
	From Eastman	0	x	x	x	0	0	0	0	0	x	x	x
	Eastman for Vern	0	x	x	x	0	0	0	0	0	x	x	x
	Eastman for DO	0	x	x	x	0	0	0	0	0	x	x	x
	From McClure	0	x	x	x	0	0	33.0	2.0	39.0	x	x	x
	McClure for Vern	0	x	x	x	0	0	33.0	2.0	39.0	x	x	x
	McClure for DO	0	x	x	x	0	0	0	0	0	x	x	x
	From Don Pedro	0	x	x	x	0	0	23.0	19.0	102.0	x	x	x
	Pedro for Vern	0	x	x	x	0	0	23.0	19.0	6.3	x	x	x
	Don Pedro for DO	0	x	x	x	0	0	0	0	95.7	x	x	x
	Stor avail for DO	0	x	x	x	0	0	0	0	95.7	x	x	x
Water Generated	0	x	x	x	0	0	67.0	95.0	49.0	x	x	x	
1954	Add Water	23.0	x	x	x	21.0	0	3.0	82.0	0	x	x	x
	Right #	71.0	x	x	x	8.0	0	8.0	8.0	0	x	x	x
	From DD	3.6	x	x	x	0	0	0.3	0.5	0	x	x	x
	Friant Stor & DD	67.0	x	x	x	0	0	0	0	0	x	x	x
	Friant Oblig at NM	19.4	x	x	x	0	0	0	0	0	x	x	x
	From NM	0	x	x	x	42.0	0	29.0	101.0	0	x	x	x
	NM for Vern	0	x	x	x	21.0	0	2.7	81.5	0	x	x	x
	NM avail for DO	0	x	x	x	21.0	0	26.3	19.5	0	x	x	x
	From Hensley	0	x	x	x	0	0	0	0	0	x	x	x
	Hensley for Vern	0	x	x	x	0	0	0	0	0	x	x	x
	Hensley for DO	0	x	x	x	0	0	0	0	0	x	x	x
	From Eastman	0	x	x	x	0	0	0	0	0	x	x	x
	Eastman for Vern	0	x	x	x	0	0	0	0	0	x	x	x
	Eastman for DO	0	x	x	x	0	0	0	0	0	x	x	x
	From McClure	0	x	x	x	0	0	0	0	0	x	x	x
	McClure for Vern	0	x	x	x	0	0	0	0	0	x	x	x
	McClure for DO	0	x	x	x	0	0	0	0	0	x	x	x
	From Don Pedro	0	x	x	x	0	0	0	0	0	x	x	x
	Pedro for Vern	0	x	x	x	0	0	0	0	0	x	x	x
	Don Pedro for DO	0	x	x	x	0	0	0	0	0	x	x	x
	Stor avail for DO	0	x	x	x	21.0	0	26.3	19.5	0	x	x	x
Water Generated	23.0	x	x	x	21.0	0	3.0	82.0	0	x	x	x	

Alternative 3
Allocation of "Add Water" for Vernalis Objective

Year		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1955	Add Water	25.0	x	x	x	36.0	33.0	31.0	44.0	9.0	x	x	x
	Right #	71.0	x	x	x	8.0	21.0	71.0	16.0	16.0	x	x	x
	From DD	3.6	x	x	x	0	0.8	19.5	1.4	1.4	x	x	x
	Friant Stor & DD	53.0	x	x	x	0	0	103.0	0	0	x	x	x
	Friant Oblig at NM	21.4	x	x	x	0	0	9.5	0	0	x	x	x
	From NM	0	x	x	x	37.0	2.0	0	0	0	x	x	x
	NM for Vern	0	x	x	x	36.0	2.0	0	0	0	x	x	x
	NM avail for DO	0	x	x	x	1.0	0	0	0	0	x	x	x
	From Hensley	0	x	x	x	0	4.0	0	7.0	3.0	x	x	x
	Hensley for Vern	0	x	x	x	0	4.0	0	7.0	3.0	x	x	x
	Hensley for DO	0	x	x	x	0	0	0	0	0	x	x	x
	From Eastman	0	x	x	x	0	3.0	0	0	0	x	x	x
	Eastman for Vern	0	x	x	x	0	3.0	0	0	0	x	x	x
	Eastman for DO	0	x	x	x	0	0	0	0	0	x	x	x
	From McClure	0	x	x	x	0	8.0	2.0	103.0	39.0	x	x	x
	McClure for Vern	0	x	x	x	0	8.0	2.0	35.6	4.6	x	x	x
	McClure for DO	0	x	x	x	0	0	0	67.4	34.4	x	x	x
	From Don Pedro	0	x	x	x	0	34.0	0	0	0	x	x	x
	Pedro for Vern	0	x	x	x	0	15.2	0	0	0	x	x	x
	Don Pedro for DO	0	x	x	x	0	18.8	0	0	0	x	x	x
Stor avail for DO	0	x	x	x	1.0	18.8	0	67.4	34.4	x	x	x	
Water Generated	25.0	x	x	x	36.0	33.0	31.0	44.0	9.0	x	x	x	
1956	Add Water	27.0	x	x	x	0	0	95.0	0	0	x	x	x
	Right #	71.0	x	x	x	0	0	21.0	0	0	x	x	x
	From DD	3.6	x	x	x	0	0	2.1	0	0	x	x	x
	Friant Stor & DD	50.0	x	x	x	0	0	0	0	0	x	x	x
	Friant Oblig at NM	18.4	x	x	x	0	0	0	0	0	x	x	x
	From NM	5.0	x	x	x	0	0	1.0	0	0	x	x	x
	NM for Vern	5.0	x	x	x	0	0	1.0	0	0	x	x	x
	NM avail for DO	0	x	x	x	0	0	0	0	0	x	x	x
	From Hensley	0	x	x	x	0	0	3.0	0	0	x	x	x
	Hensley for Vern	0	x	x	x	0	0	3.0	0	0	x	x	x
	Hensley for DO	0	x	x	x	0	0	0	0	0	x	x	x
	From Eastman	0	x	x	x	0	0	0	0	0	x	x	x
	Eastman for Vern	0	x	x	x	0	0	0	0	0	x	x	x
	Eastman for DO	0	x	x	x	0	0	0	0	0	x	x	x
	From McClure	0	x	x	x	0	0	73.0	0	0	x	x	x
	McClure for Vern	0	x	x	x	0	0	73.0	0	0	x	x	x
	McClure for DO	0	x	x	x	0	0	0	0	0	x	x	x
	From Don Pedro	0	x	x	x	0	0	23.0	0	0	x	x	x
	Pedro for Vern	0	x	x	x	0	0	15.9	0	0	x	x	x
	Don Pedro for DO	0	x	x	x	0	0	7.1	0	0	x	x	x
Stor avail for DO	0	x	x	x	0	0	7.1	0	0	x	x	x	
Water Generated	27.0	x	x	x	0	0	95.0	0	0	x	x	x	
1957	Add Water	0	x	x	x	0	0	77.0	86.0	44.0	x	x	x
	Right #	0	x	x	x	0	0	71.0	21.0	16.0	x	x	x
	From DD	0	x	x	x	0	0	19.5	3.2	1.4	x	x	x
	Friant Stor & DD	0	x	x	x	0	0	127.0	0	0	x	x	x
	Friant Oblig at NM	0	x	x	x	0	0	56.5	0	0	x	x	x
	From NM	0	x	x	x	0	0	0	0	0	x	x	x
	NM for Vern	0	x	x	x	0	0	0	0	0	x	x	x
	NM avail for DO	0	x	x	x	0	0	0	0	0	x	x	x
	From Hensley	0	x	x	x	0	0	0	0	0	x	x	x
	Hensley for Vern	0	x	x	x	0	0	0	0	0	x	x	x
	Hensley for DO	0	x	x	x	0	0	0	0	0	x	x	x
	From Eastman	0	x	x	x	0	0	0	0	0	x	x	x
	Eastman for Vern	0	x	x	x	0	0	0	0	0	x	x	x
	Eastman for DO	0	x	x	x	0	0	0	0	0	x	x	x
	From McClure	0	x	x	x	0	0	0	82.0	57.0	x	x	x
	McClure for Vern	0	x	x	x	0	0	0	82.0	42.6	x	x	x
	McClure for DO	0	x	x	x	0	0	0	0	14.4	x	x	x
	From Don Pedro	0	x	x	x	0	0	1.0	60.0	0	x	x	x
	Pedro for Vern	0	x	x	x	0	0	1.0	0.8	0	x	x	x
	Don Pedro for DO	0	x	x	x	0	0	0	59.2	0	x	x	x
Stor avail for DO	0	x	x	x	0	0	0	59.2	14.4	x	x	x	
Water Generated	0	x	x	x	0	0	77.0	86.0	44.0	x	x	x	

Alternative 3
Allocation of "Add Water" for Vernalis Objective

Year		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1958	Add Water	18.0	x	x	x	0	0	0	0	0	x	x	x
	Right #	71.0	x	x	x	0	0	0	0	0	x	x	x
	From DD	3.6	x	x	x	0	0	0	0	0	x	x	x
	Friant Stor & DD	62.0	x	x	x	0	0	0	0	0	x	x	x
	Friant Oblig at NM	14.4	x	x	x	0	0	0	0	0	x	x	x
	From NM	0	x	x	x	0	0	0	0	0	x	x	x
	NM for Vern	0	x	x	x	0	0	0	0	0	x	x	x
	NM avail for DO	0	x	x	x	0	0	0	0	0	x	x	x
	From Hensley	0	x	x	x	0	0	0	0	0	x	x	x
	Hensley for Vern	0	x	x	x	0	0	0	0	0	x	x	x
	Hensley for DO	0	x	x	x	0	0	0	0	0	x	x	x
	From Eastman	0	x	x	x	0	0	0	0	0	x	x	x
	Eastman for Vern	0	x	x	x	0	0	0	0	0	x	x	x
	Eastman for DO	0	x	x	x	0	0	0	0	0	x	x	x
	From McClure	0	x	x	x	0	0	0	0	0	x	x	x
	McClure for Vern	0	x	x	x	0	0	0	0	0	x	x	x
	McClure for DO	0	x	x	x	0	0	0	0	0	x	x	x
	From Don Pedro	0	x	x	x	0	0	0	0	0	x	x	x
	Pedro for Vern	0	x	x	x	0	0	0	0	0	x	x	x
	Don Pedro for DO	0	x	x	x	0	0	0	0	0	x	x	x
	Stor avail for DO	0	x	x	x	0	0	0	0	0	x	x	x
Water Generated	18.0	x	x	x	0	0	0	0	0	x	x	x	
1959	Add Water	0	x	x	x	0	0	35.0	67.0	23.0	x	x	x
	Right #	0	x	x	x	0	0	16.0	71.0	63.0	x	x	x
	From DD	0	x	x	x	0	0	1.1	29.7	33.3	x	x	x
	Friant Stor & DD	0	x	x	x	0	0	0	153.0	0	x	x	x
	Friant Oblig at NM	0	x	x	x	0	0	0	22.3	0	x	x	x
	From NM	0	x	x	x	0	0	0	0	0	x	x	x
	NM for Vern	0	x	x	x	0	0	0	0	0	x	x	x
	NM avail for DO	0	x	x	x	0	0	0	0	0	x	x	x
	From Hensley	0	x	x	x	0	0	0	0	0	x	x	x
	Hensley for Vern	0	x	x	x	0	0	0	0	0	x	x	x
	Hensley for DO	0	x	x	x	0	0	0	0	0	x	x	x
	From Eastman	0	x	x	x	0	0	0	0	0	x	x	x
	Eastman for Vern	0	x	x	x	0	0	0	0	0	x	x	x
	Eastman for DO	0	x	x	x	0	0	0	0	0	x	x	x
	From McClure	0	x	x	x	0	0	48.0	15.0	0	x	x	x
	McClure for Vern	0	x	x	x	0	0	33.9	15.0	0	x	x	x
	McClure for DO	0	x	x	x	0	0	14.1	0	0	x	x	x
	From Don Pedro	0	x	x	x	0	0	0	0	0	x	x	x
	Pedro for Vern	0	x	x	x	0	0	0	0	0	x	x	x
	Don Pedro for DO	0	x	x	x	0	0	0	0	0	x	x	x
	Stor avail for DO	0	x	x	x	0	0	14.1	0	0	x	x	x
Water Generated	0	x	x	x	0	0	35.0	67.0	33.3	x	x	x	
1960	Add Water	28.0	x	x	x	0	0	9.0	14.0	0	x	x	x
	Right #	71.0	x	x	x	0	0	16.0	16.0	0	x	x	x
	From DD	3.6	x	x	x	0	0	1.1	1.4	0	x	x	x
	Friant Stor & DD	30.0	x	x	x	0	0	0	0	0	x	x	x
	Friant Oblig at NM	24.4	x	x	x	0	0	0	0	0	x	x	x
	From NM	0	x	x	x	0	0	0	0	0	x	x	x
	NM for Vern	0	x	x	x	0	0	0	0	0	x	x	x
	NM avail for DO	0	x	x	x	0	0	0	0	0	x	x	x
	From Hensley	0	x	x	x	0	0	5.0	5.0	0	x	x	x
	Hensley for Vern	0	x	x	x	0	0	5.0	5.0	0	x	x	x
	Hensley for DO	0	x	x	x	0	0	0	0	0	x	x	x
	From Eastman	0	x	x	x	0	0	1.0	0	0	x	x	x
	Eastman for Vern	0	x	x	x	0	0	1.0	0	0	x	x	x
	Eastman for DO	0	x	x	x	0	0	0	0	0	x	x	x
	From McClure	0	x	x	x	0	0	67.0	67.0	0	x	x	x
	McClure for Vern	0	x	x	x	0	0	1.9	7.6	0	x	x	x
	McClure for DO	0	x	x	x	0	0	65.1	59.4	0	x	x	x
	From Don Pedro	0	x	x	x	0	0	0	0	0	x	x	x
	Pedro for Vern	0	x	x	x	0	0	0	0	0	x	x	x
	Don Pedro for DO	0	x	x	x	0	0	0	0	0	x	x	x
	Stor avail for DO	0	x	x	x	0	0	65.1	59.4	0	x	x	x
Water Generated	28.0	x	x	x	0	0	9.0	14.0	0	x	x	x	

Alternative 3
Allocation of "Add Water" for Vernalis Objective

Year		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1961	Add Water	27.0	x	x	x	0	0	17.0	39.0	0	x	x	x
	Right #	71.0	x	x	x	0	0	16.0	63.0	0	x	x	x
	From DD	3.6	x	x	x	0	0	1.1	26.5	0	x	x	x
	Friant Stor & DD	27.0	x	x	x	0	0	0	0	0	x	x	x
	Friant Oblig at NM	23.4	x	x	x	0	0	0	0	0	x	x	x
	From NM	0	x	x	x	0	0	0	0	0	x	x	x
	NM for Vern	0	x	x	x	0	0	0	0	0	x	x	x
	NM avail for DO	0	x	x	x	0	0	0	0	0	x	x	x
	From Hensley	0	x	x	x	0	0	2.0	1.0	0	x	x	x
	Hensley for Vern	0	x	x	x	0	0	2.0	1.0	0	x	x	x
	Hensley for DO	0	x	x	x	0	0	0	0	0	x	x	x
	From Eastman	0	x	x	x	0	0	0	0	0	x	x	x
	Eastman for Vern	0	x	x	x	0	0	0	0	0	x	x	x
	Eastman for DO	0	x	x	x	0	0	0	0	0	x	x	x
	From McClure	0	x	x	x	0	0	26.0	16.0	0	x	x	x
	McClure for Vern	0	x	x	x	0	0	13.9	16.0	0	x	x	x
	McClure for DO	0	x	x	x	0	0	12.1	0	0	x	x	x
	From Don Pedro	0	x	x	x	0	0	0	0	0	x	x	x
	Pedro for Vern	0	x	x	x	0	0	0	0	0	x	x	x
	Don Pedro for DO	0	x	x	x	0	0	0	0	0	x	x	x
Stor avail for DO	0	x	x	x	0	0	12.1	0	0	x	x	x	
Water Generated	27.0	x	x	x	0	0	17.0	43.5	0	x	x	x	
1962	Add Water	0	x	x	x	0	0	0	85.0	8.0	x	x	x
	Right #	0	x	x	x	0	0	0	16.0	8.0	x	x	x
	From DD	0	x	x	x	0	0	0	1.4	0.5	x	x	x
	Friant Stor & DD	0	x	x	x	0	0	0	0	0	x	x	x
	Friant Oblig at NM	0	x	x	x	0	0	0	0	0	x	x	x
	From NM	0	x	x	x	0	0	0	66.0	21.0	x	x	x
	NM for Vern	0	x	x	x	0	0	0	66.0	7.5	x	x	x
	NM avail for DO	0	x	x	x	0	0	0	0	13.5	x	x	x
	From Hensley	0	x	x	x	0	0	0	0	0	x	x	x
	Hensley for Vern	0	x	x	x	0	0	0	0	0	x	x	x
	Hensley for DO	0	x	x	x	0	0	0	0	0	x	x	x
	From Eastman	0	x	x	x	0	0	0	0	0	x	x	x
	Eastman for Vern	0	x	x	x	0	0	0	0	0	x	x	x
	Eastman for DO	0	x	x	x	0	0	0	0	0	x	x	x
	From McClure	0	x	x	x	0	0	0	85.0	0	x	x	x
	McClure for Vern	0	x	x	x	0	0	0	17.6	0	x	x	x
	McClure for DO	0	x	x	x	0	0	0	67.4	0	x	x	x
	From Don Pedro	0	x	x	x	0	0	0	0	0	x	x	x
	Pedro for Vern	0	x	x	x	0	0	0	0	0	x	x	x
	Don Pedro for DO	0	x	x	x	0	0	0	0	0	x	x	x
Stor avail for DO	0	x	x	x	0	0	0	67.4	13.5	x	x	x	
Water Generated	0	x	x	x	0	0	0	85.0	8.0	x	x	x	
1963	Add Water	27.0	x	x	x	0	44.0	0	62.0	53.0	x	x	x
	Right #	71.0	x	x	x	0	8.0	0	8.0	8.0	x	x	x
	From DD	3.6	x	x	x	0	0.2	0	0.5	0.5	x	x	x
	Friant Stor & DD	71.0	x	x	x	0	0	0	0	0	x	x	x
	Friant Oblig at NM	22.4	x	x	x	0	0	0	0	0	x	x	x
	From NM	1.0	x	x	x	0	57.0	0	240.0	74.0	x	x	x
	NM for Vern	1.0	x	x	x	0	43.8	0	61.5	52.5	x	x	x
	NM avail for DO	0	x	x	x	0	13.2	0	178.5	21.5	x	x	x
	From Hensley	0	x	x	x	0	0	0	0	0	x	x	x
	Hensley for Vern	0	x	x	x	0	0	0	0	0	x	x	x
	Hensley for DO	0	x	x	x	0	0	0	0	0	x	x	x
	From Eastman	0	x	x	x	0	0	0	0	0	x	x	x
	Eastman for Vern	0	x	x	x	0	0	0	0	0	x	x	x
	Eastman for DO	0	x	x	x	0	0	0	0	0	x	x	x
	From McClure	0	x	x	x	0	0	0	0	0	x	x	x
	McClure for Vern	0	x	x	x	0	0	0	0	0	x	x	x
	McClure for DO	0	x	x	x	0	0	0	0	0	x	x	x
	From Don Pedro	0	x	x	x	0	0	0	0	0	x	x	x
	Pedro for Vern	0	x	x	x	0	0	0	0	0	x	x	x
	Don Pedro for DO	0	x	x	x	0	0	0	0	0	x	x	x
Stor avail for DO	0	x	x	x	0	13.2	0	178.5	21.5	x	x	x	
Water Generated	27.0	x	x	x	0	44.0	0	62.0	53.0	x	x	x	

Alternative 3
Allocation of "Add Water" for Vernalis Objective

Year		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1964	Add Water	0	x	x	x	21.0	33.0	37.0	58.0	20.0	x	x	x
	Right #	0	x	x	x	8.0	36.0	71.0	24.0	21.0	x	x	x
	From DD	0	x	x	x	0	6.5	19.5	8.7	3.7	x	x	x
	Friant Stor & DD	0	x	x	x	0	0	92.0	0	0	x	x	x
	Friant Oblig at NM	0	x	x	x	0	1.5	4.5	0.3	0	x	x	x
	From NM	0	x	x	x	36.0	20.0	0	0	0	x	x	x
	NM for Vern	0	x	x	x	21.0	20.0	0	0	0	x	x	x
	NM avail for DO	0	x	x	x	15.0	0	0	0	0	x	x	x
	From Hensley	0	x	x	x	0	0	0	0	2.0	x	x	x
	Hensley for Vern	0	x	x	x	0	0	0	0	2.0	x	x	x
	Hensley for DO	0	x	x	x	0	0	0	0	0	x	x	x
	From Eastman	0	x	x	x	0	3.0	0	0	0	x	x	x
	Eastman for Vern	0	x	x	x	0	3.0	0	0	0	x	x	x
	Eastman for DO	0	x	x	x	0	0	0	0	0	x	x	x
	From McClure	0	x	x	x	0	1.0	13.0	49.0	0	x	x	x
	McClure for Vern	0	x	x	x	0	1.0	13.0	49.0	0	x	x	x
	McClure for DO	0	x	x	x	0	0	0	0	0	x	x	x
	From Don Pedro	0	x	x	x	0	1.0	0	0	28.0	x	x	x
	Pedro for Vern	0	x	x	x	0	1.0	0	0	14.3	x	x	x
	Don Pedro for DO	0	x	x	x	0	0	0	0	13.7	x	x	x
	Stor avail for DO	0	x	x	x	15.0	0	0	0	13.7	x	x	x
Water Generated	0	x	x	x	21.0	33.0	37.0	58.0	20.0	x	x	x	
1965	Add Water	27.0	x	x	x	0	0	14.0	137.0	33.0	x	x	x
	Right #	(72+)	x	x	x	0	0	8.0	16.0	16.0	x	x	x
	From DD	3.6	x	x	x	0	0	0.3	1.4	1.4	x	x	x
	Friant Stor & DD	20.0	x	x	x	0	0	0	0	0	x	x	x
	Friant Oblig at NM	20.0	x	x	x	0	0	0	0	0	x	x	x
	From NM	0	x	x	x	0	0	91.0	132.0	0	x	x	x
	NM for Vern	0	x	x	x	0	0	13.7	132.0	0	x	x	x
	NM avail for DO	0	x	x	x	0	0	77.3	0	0	x	x	x
	From Hensley	0	x	x	x	0	0	0	0	0	x	x	x
	Hensley for Vern	0	x	x	x	0	0	0	0	0	x	x	x
	Hensley for DO	0	x	x	x	0	0	0	0	0	x	x	x
	From Eastman	0	x	x	x	0	0	0	0	0	x	x	x
	Eastman for Vern	0	x	x	x	0	0	0	0	0	x	x	x
	Eastman for DO	0	x	x	x	0	0	0	0	0	x	x	x
	From McClure	0	x	x	x	0	0	0	140.0	88.0	x	x	x
	McClure for Vern	0	x	x	x	0	0	0	3.6	31.6	x	x	x
	McClure for DO	0	x	x	x	0	0	0	136.4	56.4	x	x	x
	From Don Pedro	0	x	x	x	0	0	0	0	0	x	x	x
	Pedro for Vern	0	x	x	x	0	0	0	0	0	x	x	x
	Don Pedro for DO	0	x	x	x	0	0	0	0	0	x	x	x
	Stor avail for DO	0	x	x	x	0	0	77.3	136.4	56.4	x	x	x
Water Generated	23.6	x	x	x	0	0	14.0	137.0	33.0	x	x	x	
1966	Add Water	0	x	x	x	0	0	92.0	68.0	11.0	x	x	x
	Right #	0	x	x	x	0	0	24.0	24.0	36.0	x	x	x
	From DD	0	x	x	x	0	0	7.6	8.7	10.4	x	x	x
	Friant Stor & DD	0	x	x	x	0	0	0	0	0	x	x	x
	Friant Oblig at NM	0	x	x	x	0	0	0	0	0.6	x	x	x
	From NM	0	x	x	x	0	0	0	0	0	x	x	x
	NM for Vern	0	x	x	x	0	0	0	0	0	x	x	x
	NM avail for DO	0	x	x	x	0	0	0	0	0	x	x	x
	From Hensley	0	x	x	x	0	0	0	0	0	x	x	x
	Hensley for Vern	0	x	x	x	0	0	0	0	0	x	x	x
	Hensley for DO	0	x	x	x	0	0	0	0	0	x	x	x
	From Eastman	0	x	x	x	0	0	0	0	0	x	x	x
	Eastman for Vern	0	x	x	x	0	0	0	0	0	x	x	x
	Eastman for DO	0	x	x	x	0	0	0	0	0	x	x	x
	From McClure	0	x	x	x	0	0	74.0	62.0	0	x	x	x
	McClure for Vern	0	x	x	x	0	0	74.0	62.0	0	x	x	x
	McClure for DO	0	x	x	x	0	0	0	0	0	x	x	x
	From Don Pedro	0	x	x	x	0	0	16.0	0	0	x	x	x
	Pedro for Vern	0	x	x	x	0	0	16.0	0	0	x	x	x
	Don Pedro for DO	0	x	x	x	0	0	0	0	0	x	x	x
	Stor avail for DO	0	x	x	x	0	0	0	0	0	x	x	x
Water Generated	0	x	x	x	0	0	97.6	70.7	11.0	x	x	x	

Alternative 3
Allocation of "Add Water" for Vernalis Objective

Year		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1967	Add Water	19.0	x	x	x	0	0	0	0	0	x	x	x
	Right #	71.0	x	x	x	0	0	0	0	0	x	x	x
	From DD	3.6	x	x	x	0	0	0	0	0	x	x	x
	Friant Stor & DD	43.0	x	x	x	0	0	0	0	0	x	x	x
	Friant Oblig at NM	13.4	x	x	x	0	0	0	0	0	x	x	x
	From NM	2.0	x	x	x	0	0	0	0	0	x	x	x
	NM for Vern	2.0	x	x	x	0	0	0	0	0	x	x	x
	NM avail for DO	0	x	x	x	0	0	0	0	0	x	x	x
	From Hensley	0	x	x	x	0	0	0	0	0	x	x	x
	Hensley for Vern	0	x	x	x	0	0	0	0	0	x	x	x
	Hensley for DO	0	x	x	x	0	0	0	0	0	x	x	x
	From Eastman	0	x	x	x	0	0	0	0	0	x	x	x
	Eastman for Vern	0	x	x	x	0	0	0	0	0	x	x	x
	Eastman for DO	0	x	x	x	0	0	0	0	0	x	x	x
	From McClure	0	x	x	x	0	0	0	0	0	x	x	x
	McClure for Vern	0	x	x	x	0	0	0	0	0	x	x	x
	McClure for DO	0	x	x	x	0	0	0	0	0	x	x	x
	From Don Pedro	0	x	x	x	0	0	0	0	0	x	x	x
	Pedro for Vern	0	x	x	x	0	0	0	0	0	x	x	x
	Don Pedro for DO	0	x	x	x	0	0	0	0	0	x	x	x
	Stor avail for DO	0	x	x	x	0	0	0	0	0	x	x	x
Water Generated	19.0	x	x	x	0	0	0	0	0	x	x	x	
1968	Add Water	0	x	x	x	0	0	78.0	59.0	17.0	x	x	x
	Right #	0	x	x	x	0	0	71.0	24.0	57.0	x	x	x
	From DD	0	x	x	x	0	0	19.5	7.6	16.1	x	x	x
	Friant Stor & DD	0	x	x	x	0	0	99.0	0	0	x	x	x
	Friant Oblig at NM	0	x	x	x	0	0	12.5	0	0.9	x	x	x
	From NM	0	x	x	x	0	0	0	0	0	x	x	x
	NM for Vern	0	x	x	x	0	0	0	0	0	x	x	x
	NM avail for DO	0	x	x	x	0	0	0	0	0	x	x	x
	From Hensley	0	x	x	x	0	0	0	0	0	x	x	x
	Hensley for Vern	0	x	x	x	0	0	0	0	0	x	x	x
	Hensley for DO	0	x	x	x	0	0	0	0	0	x	x	x
	From Eastman	0	x	x	x	0	0	0	0	0	x	x	x
	Eastman for Vern	0	x	x	x	0	0	0	0	0	x	x	x
	Eastman for DO	0	x	x	x	0	0	0	0	0	x	x	x
	From McClure	0	x	x	x	0	0	23.0	24.0	0	x	x	x
	McClure for Vern	0	x	x	x	0	0	23.0	24.0	0	x	x	x
	McClure for DO	0	x	x	x	0	0	0	0	0	x	x	x
	From Don Pedro	0	x	x	x	0	0	23.0	34.0	0	x	x	x
	Pedro for Vern	0	x	x	x	0	0	23.0	34.0	0	x	x	x
	Don Pedro for DO	0	x	x	x	0	0	0	0	0	x	x	x
	Stor avail for DO	0	x	x	x	0	0	0	0	0	x	x	x
Water Generated	0	x	x	x	0	0	78.0	65.6	17.0	x	x	x	
1969	Add Water	21.0	x	x	x	0	0	0	0	0	x	x	x
	Right #	71.0	x	x	x	0	0	0	0	0	x	x	x
	From DD	3.6	x	x	x	0	0	0	0	0	x	x	x
	Friant Stor & DD	21.0	x	x	x	0	0	0	0	0	x	x	x
	Friant Oblig at NM	17.4	x	x	x	0	0	0	0	0	x	x	x
	From NM	0	x	x	x	0	0	0	0	0	x	x	x
	NM for Vern	0	x	x	x	0	0	0	0	0	x	x	x
	NM avail for DO	0	x	x	x	0	0	0	0	0	x	x	x
	From Hensley	0	x	x	x	0	0	0	0	0	x	x	x
	Hensley for Vern	0	x	x	x	0	0	0	0	0	x	x	x
	Hensley for DO	0	x	x	x	0	0	0	0	0	x	x	x
	From Eastman	0	x	x	x	0	0	0	0	0	x	x	x
	Eastman for Vern	0	x	x	x	0	0	0	0	0	x	x	x
	Eastman for DO	0	x	x	x	0	0	0	0	0	x	x	x
	From McClure	0	x	x	x	0	0	0	0	0	x	x	x
	McClure for Vern	0	x	x	x	0	0	0	0	0	x	x	x
	McClure for DO	0	x	x	x	0	0	0	0	0	x	x	x
	From Don Pedro	0	x	x	x	0	0	0	0	0	x	x	x
	Pedro for Vern	0	x	x	x	0	0	0	0	0	x	x	x
	Don Pedro for DO	0	x	x	x	0	0	0	0	0	x	x	x
	Stor avail for DO	0	x	x	x	0	0	0	0	0	x	x	x
Water Generated	21.0	x	x	x	0	0	0	0	0	x	x	x	

Alternative 3
Allocation of "Add Water" for Vernalis Objective

Year		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1970	Add Water	0	x	x	x	0	0	80.0	129.0	32.0	x	x	x
	Right #	0	x	x	x	0	0	71.0	71.0	21.0	x	x	x
	From DD	0	x	x	x	0	0	19.5	29.7	3.7	x	x	x
	Friant Stor & DD	0	x	x	x	0	0	126.0	161.0	0	x	x	x
	Friant Oblig at NM	0	x	x	x	0	0	58.5	5.3	0	x	x	x
	From NM	0	x	x	x	0	0	0	0	0	x	x	x
	NM for Vern	0	x	x	x	0	0	0	0	0	x	x	x
	NM avail for DO	0	x	x	x	0	0	0	0	0	x	x	x
	From Hensley	0	x	x	x	0	0	0	0	0	x	x	x
	Hensley for Vern	0	x	x	x	0	0	0	0	0	x	x	x
	Hensley for DO	0	x	x	x	0	0	0	0	0	x	x	x
	From Eastman	0	x	x	x	0	0	0	0	0	x	x	x
	Eastman for Vern	0	x	x	x	0	0	0	0	0	x	x	x
	Eastman for DO	0	x	x	x	0	0	0	0	0	x	x	x
	From McClure	0	x	x	x	0	0	2.0	94.0	2.0	x	x	x
	McClure for Vern	0	x	x	x	0	0	2.0	94.0	2.0	x	x	x
	McClure for DO	0	x	x	x	0	0	0	0	0	x	x	x
	From Don Pedro	0	x	x	x	0	0	0	0	89.0	x	x	x
	Pedro for Vern	0	x	x	x	0	0	0	0	26.3	x	x	x
	Don Pedro for DO	0	x	x	x	0	0	0	0	62.7	x	x	x
Stor avail for DO	0	x	x	x	0	0	0	0	62.7	x	x	x	
Water Generated	0	x	x	x	0	0	80.0	129.0	32.0	x	x	x	
1971	Add Water	11.0	x	x	x	0	0	83.0	102.0	51.0	x	x	x
	Right #	71.0	x	x	x	0	0	71.0	71.0	16.0	x	x	x
	From DD	3.6	x	x	x	0	0	19.5	29.7	1.4	x	x	x
	Friant Stor & DD	38.0	x	x	x	0	0	139.0	146.0	0	x	x	x
	Friant Oblig at NM	7.4	x	x	x	0	0	56.5	9.3	0	x	x	x
	From NM	0	x	x	x	0	0	0	0	0	x	x	x
	NM for Vern	0	x	x	x	0	0	0	0	0	x	x	x
	NM avail for DO	0	x	x	x	0	0	0	0	0	x	x	x
	From Hensley	0	x	x	x	0	0	0	0	1.0	x	x	x
	Hensley for Vern	0	x	x	x	0	0	0	0	1.0	x	x	x
	Hensley for DO	0	x	x	x	0	0	0	0	0	x	x	x
	From Eastman	0	x	x	x	0	0	0	0	1.0	x	x	x
	Eastman for Vern	0	x	x	x	0	0	0	0	1.0	x	x	x
	Eastman for DO	0	x	x	x	0	0	0	0	0	x	x	x
	From McClure	0	x	x	x	0	0	7.0	63.0	60.0	x	x	x
	McClure for Vern	0	x	x	x	0	0	7.0	63.0	47.6	x	x	x
	McClure for DO	0	x	x	x	0	0	0	0	12.4	x	x	x
	From Don Pedro	0	x	x	x	0	0	0	0	0	x	x	x
	Pedro for Vern	0	x	x	x	0	0	0	0	0	x	x	x
	Don Pedro for DO	0	x	x	x	0	0	0	0	0	x	x	x
Stor avail for DO	0	x	x	x	0	0	0	0	12.4	x	x	x	
Water Generated	11.0	x	x	x	0	0	83.0	102.0	51.0	x	x	x	
1972	Add Water	25.0	x	x	x	37.0	29.0	101.0	74.0	27.0	x	x	x
	Right #	71.0	x	x	x	8.0	8.0	71.0	16.0	63.0	x	x	x
	From DD	3.6	x	x	x	0	0.2	19.5	1.4	33.3	x	x	x
	Friant Stor & DD	54.0	x	x	x	0	0	94.0	0	0	x	x	x
	Friant Oblig at NM	21.4	x	x	x	0	0	61.5	0	0	x	x	x
	From NM	0	x	x	x	43.0	31.0	0	0	0	x	x	x
	NM for Vern	0	x	x	x	37.0	28.8	0	0	0	x	x	x
	NM avail for DO	0	x	x	x	6.0	2.2	0	0	0	x	x	x
	From Hensley	0	x	x	x	0	0	0	0	0	x	x	x
	Hensley for Vern	0	x	x	x	0	0	0	0	0	x	x	x
	Hensley for DO	0	x	x	x	0	0	0	0	0	x	x	x
	From Eastman	0	x	x	x	0	0	0	0	0	x	x	x
	Eastman for Vern	0	x	x	x	0	0	0	0	0	x	x	x
	Eastman for DO	0	x	x	x	0	0	0	0	0	x	x	x
	From McClure	0	x	x	x	0	0	15.0	75.0	4.0	x	x	x
	McClure for Vern	0	x	x	x	0	0	15.0	72.6	4.0	x	x	x
	McClure for DO	0	x	x	x	0	0	0	2.4	0	x	x	x
	From Don Pedro	0	x	x	x	0	0	5.0	0	0	x	x	x
	Pedro for Vern	0	x	x	x	0	0	5.0	0	0	x	x	x
	Don Pedro for DO	0	x	x	x	0	0	0	0	0	x	x	x
Stor avail for DO	0	x	x	x	6.0	2.2	0	2.4	0	x	x	x	
Water Generated	25.0	x	x	x	37.0	29.0	101.0	74.0	37.3	x	x	x	

Alternative 3
Allocation of "Add Water" for Vernalis Objective

Year		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1973	Add Water	27.0	x	x	x	0	0	0	16.0	0	x	x	x
	Right #	71.0	x	x	x	0	0	0	8.0	0	x	x	x
	From DD	3.6	x	x	x	0	0	0	0.5	0	x	x	x
	Friant Stor & DD	68.0	x	x	x	0	0	0	0	0	x	x	x
	Friant Oblig at NM	14.4	x	x	x	0	0	0	0	0	x	x	x
	From NM	8.0	x	x	x	0	0	0	195.0	0	x	x	x
	NM for Vern	8.0	x	x	x	0	0	0	15.5	0	x	x	x
	NM avail for DO	0	x	x	x	0	0	0	179.5	0	x	x	x
	From Hensley	0	x	x	x	0	0	0	0	0	x	x	x
	Hensley for Vern	0	x	x	x	0	0	0	0	0	x	x	x
	Hensley for DO	0	x	x	x	0	0	0	0	0	x	x	x
	From Eastman	0	x	x	x	0	0	0	0	0	x	x	x
	Eastman for Vern	0	x	x	x	0	0	0	0	0	x	x	x
	Eastman for DO	0	x	x	x	0	0	0	0	0	x	x	x
	From McClure	1.0	x	x	x	0	0	0	0	0	x	x	x
	McClure for Vern	1.0	x	x	x	0	0	0	0	0	x	x	x
	McClure for DO	0	x	x	x	0	0	0	0	0	x	x	x
	From Don Pedro	0	x	x	x	0	0	0	0	0	x	x	x
	Pedro for Vern	0	x	x	x	0	0	0	0	0	x	x	x
	Don Pedro for DO	0	x	x	x	0	0	0	0	0	x	x	x
Stor avail for DO	0	x	x	x	0	0	0	179.5	0	x	x	x	
Water Generated	27.0	x	x	x	0	0	0	16.0	0	x	x	x	
1974	Add Water	0	x	x	x	0	0	0	31.0	52.0	x	x	x
	Right #	0	x	x	x	0	0	0	8.0	16.0	x	x	x
	From DD	0	x	x	x	0	0	0	0.5	1.4	x	x	x
	Friant Stor & DD	0	x	x	x	0	0	0	0	0	x	x	x
	Friant Oblig at NM	0	x	x	x	0	0	0	0	0	x	x	x
	From NM	0	x	x	x	0	0	0	156.0	16.0	x	x	x
	NM for Vern	0	x	x	x	0	0	0	30.5	16.0	x	x	x
	NM avail for DO	0	x	x	x	0	0	0	125.5	0	x	x	x
	From Hensley	0	x	x	x	0	0	0	0	0	x	x	x
	Hensley for Vern	0	x	x	x	0	0	0	0	0	x	x	x
	Hensley for DO	0	x	x	x	0	0	0	0	0	x	x	x
	From Eastman	0	x	x	x	0	0	0	0	0	x	x	x
	Eastman for Vern	0	x	x	x	0	0	0	0	0	x	x	x
	Eastman for DO	0	x	x	x	0	0	0	0	0	x	x	x
	From McClure	0	x	x	x	0	0	0	0	55.0	x	x	x
	McClure for Vern	0	x	x	x	0	0	0	0	34.6	x	x	x
	McClure for DO	0	x	x	x	0	0	0	0	20.4	x	x	x
	From Don Pedro	0	x	x	x	0	0	0	0	0	x	x	x
	Pedro for Vern	0	x	x	x	0	0	0	0	0	x	x	x
	Don Pedro for DO	0	x	x	x	0	0	0	0	0	x	x	x
Stor avail for DO	0	x	x	x	0	0	0	125.5	20.4	x	x	x	
Water Generated	0	x	x	x	0	0	0	31.0	52.0	x	x	x	
1975	Add Water	0	x	x	x	0	0	0	79.0	0	x	x	x
	Right #	0	x	x	x	0	0	0	16.0	0	x	x	x
	From DD	0	x	x	x	0	0	0	1.4	0	x	x	x
	Friant Stor & DD	0	x	x	x	0	0	0	0	0	x	x	x
	Friant Oblig at NM	0	x	x	x	0	0	0	0	0	x	x	x
	From NM	0	x	x	x	0	0	0	60.0	0	x	x	x
	NM for Vern	0	x	x	x	0	0	0	60.0	0	x	x	x
	NM avail for DO	0	x	x	x	0	0	0	0	0	x	x	x
	From Hensley	0	x	x	x	0	0	0	1.0	0	x	x	x
	Hensley for Vern	0	x	x	x	0	0	0	1.0	0	x	x	x
	Hensley for DO	0	x	x	x	0	0	0	0	0	x	x	x
	From Eastman	0	x	x	x	0	0	0	0	0	x	x	x
	Eastman for Vern	0	x	x	x	0	0	0	0	0	x	x	x
	Eastman for DO	0	x	x	x	0	0	0	0	0	x	x	x
	From McClure	0	x	x	x	0	0	0	190.0	0	x	x	x
	McClure for Vern	0	x	x	x	0	0	0	16.6	0	x	x	x
	McClure for DO	0	x	x	x	0	0	0	173.4	0	x	x	x
	From Don Pedro	0	x	x	x	0	0	0	0	0	x	x	x
	Pedro for Vern	0	x	x	x	0	0	0	0	0	x	x	x
	Don Pedro for DO	0	x	x	x	0	0	0	0	0	x	x	x
Stor avail for DO	0	x	x	x	0	0	0	173.4	0	x	x	x	
Water Generated	0	x	x	x	0	0	0	79.0	0	x	x	x	

Alternative 3
Allocation of "Add Water" for Vernalis Objective

Year		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1976	Add Water	0	x	x	x	0	0	8.0	33.0	0	x	x	x
	Right #	0	x	x	x	0	0	24.0	63.0	0	x	x	x
	From DD	0	x	x	x	0	0	7.5	26.5	0	x	x	x
	Friant Stor & DD	0	x	x	x	0	0	0	0	0	x	x	x
	Friant Oblig at NM	0	x	x	x	0	0	0	0	0	x	x	x
	From NM	0	x	x	x	0	0	0	0	0	x	x	x
	NM for Vern	0	x	x	x	0	0	0	0	0	x	x	x
	NM avail for DO	0	x	x	x	0	0	0	0	0	x	x	x
	From Hensley	0	x	x	x	0	0	3.0	2.0	0	x	x	x
	Hensley for Vern	0	x	x	x	0	0	3.0	2.0	0	x	x	x
	Hensley for DO	0	x	x	x	0	0	0	0	0	x	x	x
	From Eastman	0	x	x	x	0	0	0	0	0	x	x	x
	Eastman for Vern	0	x	x	x	0	0	0	0	0	x	x	x
	Eastman for DO	0	x	x	x	0	0	0	0	0	x	x	x
	From McClure	0	x	x	x	0	0	0	9.0	0	x	x	x
	McClure for Vern	0	x	x	x	0	0	0	9.0	0	x	x	x
	McClure for DO	0	x	x	x	0	0	0	0	0	x	x	x
	From Don Pedro	0	x	x	x	0	0	0	0	0	x	x	x
	Pedro for Vern	0	x	x	x	0	0	0	0	0	x	x	x
	Don Pedro for DO	0	x	x	x	0	0	0	0	0	x	x	x
Stor avail for DO	0	x	x	x	0	0	0	0	0	x	x	x	
Water Generated	0	x	x	x	0	0	10.5	37.5	0	x	x	x	
1977	Add Water	0	x	x	x	0	0	30.0	45.0	0	x	x	x
	Right #	0	x	x	x	0	0	(72+)	(72+)	0	x	x	x
	From DD	0	x	x	x	0	0	17.6	29.7	0	x	x	x
	Friant Stor & DD	0	x	x	x	0	0	5.0	2.0	0	x	x	x
	Friant Oblig at NM	0	x	x	x	0	0	5.0	2.0	0	x	x	x
	From NM	0	x	x	x	0	0	0	0	0	x	x	x
	NM for Vern	0	x	x	x	0	0	0	0	0	x	x	x
	NM avail for DO	0	x	x	x	0	0	0	0	0	x	x	x
	From Hensley	0	x	x	x	0	0	1.0	0	0	x	x	x
	Hensley for Vern	0	x	x	x	0	0	1.0	0	0	x	x	x
	Hensley for DO	0	x	x	x	0	0	0	0	0	x	x	x
	From Eastman	0	x	x	x	0	0	0	0	0	x	x	x
	Eastman for Vern	0	x	x	x	0	0	0	0	0	x	x	x
	Eastman for DO	0	x	x	x	0	0	0	0	0	x	x	x
	From McClure	0	x	x	x	0	0	0	0	0	x	x	x
	McClure for Vern	0	x	x	x	0	0	0	0	0	x	x	x
	McClure for DO	0	x	x	x	0	0	0	0	0	x	x	x
	From Don Pedro	0	x	x	x	0	0	0	0	0	x	x	x
	Pedro for Vern	0	x	x	x	0	0	0	0	0	x	x	x
	Don Pedro for DO	0	x	x	x	0	0	0	0	0	x	x	x
Stor avail for DO	0	x	x	x	0	0	0	0	0	x	x	x	
Water Generated	0	x	x	x	0	0	23.6	31.7	0	x	x	x	
1978	Add Water	0	x	x	x	0	0	0	0	0	x	x	x
	Right #	0	x	x	x	0	0	0	0	0	x	x	x
	From DD	0	x	x	x	0	0	0	0	0	x	x	x
	Friant Stor & DD	0	x	x	x	0	0	0	0	0	x	x	x
	Friant Oblig at NM	0	x	x	x	0	0	0	0	0	x	x	x
	From NM	0	x	x	x	0	0	0	0	0	x	x	x
	NM for Vern	0	x	x	x	0	0	0	0	0	x	x	x
	NM avail for DO	0	x	x	x	0	0	0	0	0	x	x	x
	From Hensley	0	x	x	x	0	0	0	0	0	x	x	x
	Hensley for Vern	0	x	x	x	0	0	0	0	0	x	x	x
	Hensley for DO	0	x	x	x	0	0	0	0	0	x	x	x
	From Eastman	0	x	x	x	0	0	0	0	0	x	x	x
	Eastman for Vern	0	x	x	x	0	0	0	0	0	x	x	x
	Eastman for DO	0	x	x	x	0	0	0	0	0	x	x	x
	From McClure	0	x	x	x	0	0	0	0	0	x	x	x
	McClure for Vern	0	x	x	x	0	0	0	0	0	x	x	x
	McClure for DO	0	x	x	x	0	0	0	0	0	x	x	x
	From Don Pedro	0	x	x	x	0	0	0	0	0	x	x	x
	Pedro for Vern	0	x	x	x	0	0	0	0	0	x	x	x
	Don Pedro for DO	0	x	x	x	0	0	0	0	0	x	x	x
Stor avail for DO	0	x	x	x	0	0	0	0	0	x	x	x	
Water Generated	0	x	x	x	0	0	0	0	0	x	x	x	

Alternative 3
Allocation of "Add Water" for Vernalis Objective

Year		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1979	Add Water	0	x	x	x	0	0	2.0	68.0	21.0	x	x	x
	Right #	0	x	x	x	0	0	8.0	8.0	16.0	x	x	x
	From DD	0	x	x	x	0	0	0.3	0.5	1.4	x	x	x
	Friant Stor & DD	0	x	x	x	0	0	0	0	0	x	x	x
	Friant Oblig at NM	0	x	x	x	0	0	0	0	0	x	x	x
	From NM	0	x	x	x	0	0	7.0	170.0	0	x	x	x
	NM for Vern	0	x	x	x	0	0	1.7	67.5	0	x	x	x
	NM avail for DO	0	x	x	x	0	0	5.3	102.5	0	x	x	x
	From Hensley	0	x	x	x	0	0	0	0	0	x	x	x
	Hensley for Vern	0	x	x	x	0	0	0	0	0	x	x	x
	Hensley for DO	0	x	x	x	0	0	0	0	0	x	x	x
	From Eastman	0	x	x	x	0	0	0	0	0	x	x	x
	Eastman for Vern	0	x	x	x	0	0	0	0	0	x	x	x
	Eastman for DO	0	x	x	x	0	0	0	0	0	x	x	x
	From McClure	0	x	x	x	0	0	0	0	29.0	x	x	x
	McClure for Vern	0	x	x	x	0	0	0	0	19.6	x	x	x
	McClure for DO	0	x	x	x	0	0	0	0	9.4	x	x	x
	From Don Pedro	0	x	x	x	0	0	0	0	0	x	x	x
	Pedro for Vern	0	x	x	x	0	0	0	0	0	x	x	x
	Don Pedro for DO	0	x	x	x	0	0	0	0	0	x	x	x
	Stor avail for DO	0	x	x	x	0	0	5.3	102.5	9.4	x	x	x
Water Generated	0	x	x	x	0	0	2.0	68.0	21.0	x	x	x	
1980	Add Water	0	x	x	x	0	0	0	0	0	x	x	x
	Right #	0	x	x	x	0	0	0	0	0	x	x	x
	From DD	0	x	x	x	0	0	0	0	0	x	x	x
	Friant Stor & DD	0	x	x	x	0	0	0	0	0	x	x	x
	Friant Oblig at NM	0	x	x	x	0	0	0	0	0	x	x	x
	From NM	0	x	x	x	0	0	0	0	0	x	x	x
	NM for Vern	0	x	x	x	0	0	0	0	0	x	x	x
	NM avail for DO	0	x	x	x	0	0	0	0	0	x	x	x
	From Hensley	0	x	x	x	0	0	0	0	0	x	x	x
	Hensley for Vern	0	x	x	x	0	0	0	0	0	x	x	x
	Hensley for DO	0	x	x	x	0	0	0	0	0	x	x	x
	From Eastman	0	x	x	x	0	0	0	0	0	x	x	x
	Eastman for Vern	0	x	x	x	0	0	0	0	0	x	x	x
	Eastman for DO	0	x	x	x	0	0	0	0	0	x	x	x
	From McClure	0	x	x	x	0	0	0	0	0	x	x	x
	McClure for Vern	0	x	x	x	0	0	0	0	0	x	x	x
	McClure for DO	0	x	x	x	0	0	0	0	0	x	x	x
	From Don Pedro	0	x	x	x	0	0	0	0	0	x	x	x
	Pedro for Vern	0	x	x	x	0	0	0	0	0	x	x	x
	Don Pedro for DO	0	x	x	x	0	0	0	0	0	x	x	x
	Stor avail for DO	0	x	x	x	0	0	0	0	0	x	x	x
Water Generated	0	x	x	x	0	0	0	0	0	x	x	x	
1981	Add Water	0	x	x	x	0	0	51.0	53.0	17.0	x	x	x
	Right #	0	x	x	x	0	0	16.0	16.0	57.0	x	x	x
	From DD	0	x	x	x	0	0	1.1	1.4	16.1	x	x	x
	Friant Stor & DD	0	x	x	x	0	0	0	0	0	x	x	x
	Friant Oblig at NM	0	x	x	x	0	0	0	0	0.9	x	x	x
	From NM	0	x	x	x	0	0	0	0	0	x	x	x
	NM for Vern	0	x	x	x	0	0	0	0	0	x	x	x
	NM avail for DO	0	x	x	x	0	0	0	0	0	x	x	x
	From Hensley	0	x	x	x	0	0	0	1.0	0	x	x	x
	Hensley for Vern	0	x	x	x	0	0	0	1.0	0	x	x	x
	Hensley for DO	0	x	x	x	0	0	0	0	0	x	x	x
	From Eastman	0	x	x	x	0	0	0	0	0	x	x	x
	Eastman for Vern	0	x	x	x	0	0	0	0	0	x	x	x
	Eastman for DO	0	x	x	x	0	0	0	0	0	x	x	x
	From McClure	0	x	x	x	0	0	52.0	70.0	0	x	x	x
	McClure for Vern	0	x	x	x	0	0	49.9	50.6	0	x	x	x
	McClure for DO	0	x	x	x	0	0	1.0	19.4	0	x	x	x
	From Don Pedro	0	x	x	x	0	0	0	0	0	x	x	x
	Pedro for Vern	0	x	x	x	0	0	0	0	0	x	x	x
	Don Pedro for DO	0	x	x	x	0	0	0	0	0	x	x	x
	Stor avail for DO	0	x	x	x	0	0	1.0	19.4	0	x	x	x
Water Generated	0	x	x	x	0	0	51.0	53.0	17.0	x	x	x	

Alternative 3
Allocation of "Add Water" for Vernalis Objective

Year		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1982	Add Water	19.0	x	x	x	0	0	0	0	0	x	x	x
	Right #	71.0	x	x	x	0	0	0	0	0	x	x	x
	From DD	3.6	x	x	x	0	0	0	0	0	x	x	x
	Friant Stor & DD	49.0	x	x	x	0	0	0	0	0	x	x	x
	Friant Oblig at NM	15.4	x	x	x	0	0	0	0	0	x	x	x
	From NM	0	x	x	x	0	0	0	0	0	x	x	x
	NM for Vern	0	x	x	x	0	0	0	0	0	x	x	x
	NM avail for DO	0	x	x	x	0	0	0	0	0	x	x	x
	From Hensley	0	x	x	x	0	0	0	0	0	x	x	x
	Hensley for Vern	0	x	x	x	0	0	0	0	0	x	x	x
	Hensley for DO	0	x	x	x	0	0	0	0	0	x	x	x
	From Eastman	0	x	x	x	0	0	0	0	0	x	x	x
	Eastman for Vern	0	x	x	x	0	0	0	0	0	x	x	x
	Eastman for DO	0	x	x	x	0	0	0	0	0	x	x	x
	From McClure	0	x	x	x	0	0	0	0	0	x	x	x
	McClure for Vern	0	x	x	x	0	0	0	0	0	x	x	x
	McClure for DO	0	x	x	x	0	0	0	0	0	x	x	x
	From Don Pedro	0	x	x	x	0	0	0	0	0	x	x	x
	Pedro for Vern	0	x	x	x	0	0	0	0	0	x	x	x
	Don Pedro for DO	0	x	x	x	0	0	0	0	0	x	x	x
	Stor avail for DO	0	x	x	x	0	0	0	0	0	x	x	x
Water Generated	19.0	x	x	x	0	0	0	0	0	x	x	x	
1983	Add Water	0	x	x	x	0	0	0	0	0	x	x	x
	Right #	0	x	x	x	0	0	0	0	0	x	x	x
	From DD	0	x	x	x	0	0	0	0	0	x	x	x
	Friant Stor & DD	0	x	x	x	0	0	0	0	0	x	x	x
	Friant Oblig at NM	0	x	x	x	0	0	0	0	0	x	x	x
	From NM	0	x	x	x	0	0	0	0	0	x	x	x
	NM for Vern	0	x	x	x	0	0	0	0	0	x	x	x
	NM avail for DO	0	x	x	x	0	0	0	0	0	x	x	x
	From Hensley	0	x	x	x	0	0	0	0	0	x	x	x
	Hensley for Vern	0	x	x	x	0	0	0	0	0	x	x	x
	Hensley for DO	0	x	x	x	0	0	0	0	0	x	x	x
	From Eastman	0	x	x	x	0	0	0	0	0	x	x	x
	Eastman for Vern	0	x	x	x	0	0	0	0	0	x	x	x
	Eastman for DO	0	x	x	x	0	0	0	0	0	x	x	x
	From McClure	0	x	x	x	0	0	0	0	0	x	x	x
	McClure for Vern	0	x	x	x	0	0	0	0	0	x	x	x
	McClure for DO	0	x	x	x	0	0	0	0	0	x	x	x
	From Don Pedro	0	x	x	x	0	0	0	0	0	x	x	x
	Pedro for Vern	0	x	x	x	0	0	0	0	0	x	x	x
	Don Pedro for DO	0	x	x	x	0	0	0	0	0	x	x	x
	Stor avail for DO	0	x	x	x	0	0	0	0	0	x	x	x
Water Generated	0	x	x	x	0	0	0	0	0	x	x	x	
1984	Add Water	0	x	x	x	0	0	99.0	143.0	29.0	x	x	x
	Right #	0	x	x	x	0	0	71.0	21.0	21.0	x	x	x
	From DD	0	x	x	x	0	0	19.5	3.2	3.7	x	x	x
	Friant Stor & DD	0	x	x	x	0	0	182.0	0	0	x	x	x
	Friant Oblig at NM	0	x	x	x	0	0	39.5	0	0	x	x	x
	From NM	0	x	x	x	0	0	0	0	0	x	x	x
	NM for Vern	0	x	x	x	0	0	0	0	0	x	x	x
	NM avail for DO	0	x	x	x	0	0	0	0	0	x	x	x
	From Hensley	0	x	x	x	0	0	0	0	0	x	x	x
	Hensley for Vern	0	x	x	x	0	0	0	0	0	x	x	x
	Hensley for DO	0	x	x	x	0	0	0	0	0	x	x	x
	From Eastman	0	x	x	x	0	0	0	0	0	x	x	x
	Eastman for Vern	0	x	x	x	0	0	0	0	0	x	x	x
	Eastman for DO	0	x	x	x	0	0	0	0	0	x	x	x
	From McClure	0	x	x	x	0	0	40.0	138.0	0	x	x	x
	McClure for Vern	0	x	x	x	0	0	40.0	138.0	0	x	x	x
	McClure for DO	0	x	x	x	0	0	0	0	0	x	x	x
	From Don Pedro	0	x	x	x	0	0	0	55.0	117.0	x	x	x
	Pedro for Vern	0	x	x	x	0	0	0	1.8	25.3	x	x	x
	Don Pedro for DO	0	x	x	x	0	0	0	53.2	91.7	x	x	x
	Stor avail for DO	0	x	x	x	0	0	0	53.2	91.7	x	x	x
Water Generated	0	x	x	x	0	0	99.0	143.0	29.0	x	x	x	

Alternative 3
Allocation of "Add Water" for Vernalis Objective

Year		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1985	Add Water	12.0	x	x	x	0	0	21.0	54.0	14.0	x	x	x
	Right #	71.0	x	x	x	0	0	16.0	16.0	53.0	x	x	x
	From DD	3.6	x	x	x	0	0	1.1	1.4	13.8	x	x	x
	Friant Stor & DD	77.0	x	x	x	0	0	0	0	0	x	x	x
	Friant Oblig at NM	6.4	x	x	x	0	0	0	0	0.2	x	x	x
	From NM	2.0	x	x	x	0	0	0	0	0	x	x	x
	NM for Vern	2.0	x	x	x	0	0	0	0	0	x	x	x
	NM avail for DO	0	x	x	x	0	0	0	0	0	x	x	x
	From Hensley	0	x	x	x	0	0	0	1.0	0	x	x	x
	Hensley for Vern	0	x	x	x	0	0	0	1.0	0	x	x	x
	Hensley for DO	0	x	x	x	0	0	0	0	0	x	x	x
	From Eastman	0	x	x	x	0	0	0	0	0	x	x	x
	Eastman for Vern	0	x	x	x	0	0	0	0	0	x	x	x
	Eastman for DO	0	x	x	x	0	0	0	0	0	x	x	x
	From McClure	0	x	x	x	0	0	77.0	78.0	0	x	x	x
	McClure for Vern	0	x	x	x	0	0	19.9	51.6	0	x	x	x
	McClure for DO	0	x	x	x	0	0	57.1	26.4	0	x	x	x
	From Don Pedro	0	x	x	x	0	0	0	0	0	x	x	x
	Pedro for Vern	0	x	x	x	0	0	0	0	0	x	x	x
	Don Pedro for DO	0	x	x	x	0	0	0	0	0	x	x	x
Stor avail for DO	0	x	x	x	0	0	57.1	26.4	0	x	x	x	
Water Generated	12.0	x	x	x	0	0	21.0	54.0	14.0	x	x	x	
1986	Add Water	20.0	x	x	x	0	0	0	0	0	x	x	x
	Right #	71.0	x	x	x	0	0	0	0	0	x	x	x
	From DD	3.6	x	x	x	0	0	0	0	0	x	x	x
	Friant Stor & DD	72.0	x	x	x	0	0	0	0	0	x	x	x
	Friant Oblig at NM	2.4	x	x	x	0	0	0	0	0	x	x	x
	From NM	13.0	x	x	x	0	0	0	0	0	x	x	x
	NM for Vern	13.0	x	x	x	0	0	0	0	0	x	x	x
	NM avail for DO	0	x	x	x	0	0	0	0	0	x	x	x
	From Hensley	0	x	x	x	0	0	0	0	0	x	x	x
	Hensley for Vern	0	x	x	x	0	0	0	0	0	x	x	x
	Hensley for DO	0	x	x	x	0	0	0	0	0	x	x	x
	From Eastman	0	x	x	x	0	0	0	0	0	x	x	x
	Eastman for Vern	0	x	x	x	0	0	0	0	0	x	x	x
	Eastman for DO	0	x	x	x	0	0	0	0	0	x	x	x
	From McClure	1.0	x	x	x	0	0	0	0	0	x	x	x
	McClure for Vern	1.0	x	x	x	0	0	0	0	0	x	x	x
	McClure for DO	0	x	x	x	0	0	0	0	0	x	x	x
	From Don Pedro	0	x	x	x	0	0	0	0	0	x	x	x
	Pedro for Vern	0	x	x	x	0	0	0	0	0	x	x	x
	Don Pedro for DO	0	x	x	x	0	0	0	0	0	x	x	x
Stor avail for DO	0	x	x	x	0	0	0	0	0	x	x	x	
Water Generated	20.0	x	x	x	0	0	0	0	0	x	x	x	
1987	Add Water	0	x	x	x	0	0	0	26.0	0	x	x	x
	Right #	0	x	x	x	0	0	0	29.0	0	x	x	x
	From DD	0	x	x	x	0	0	0	9.1	0	x	x	x
	Friant Stor & DD	0	x	x	x	0	0	0	0	0	x	x	x
	Friant Oblig at NM	0	x	x	x	0	0	0	0.9	0	x	x	x
	From NM	0	x	x	x	0	0	0	0	0	x	x	x
	NM for Vern	0	x	x	x	0	0	0	0	0	x	x	x
	NM avail for DO	0	x	x	x	0	0	0	0	0	x	x	x
	From Hensley	0	x	x	x	0	0	0	1.0	0	x	x	x
	Hensley for Vern	0	x	x	x	0	0	0	1.0	0	x	x	x
	Hensley for DO	0	x	x	x	0	0	0	0	0	x	x	x
	From Eastman	0	x	x	x	0	0	0	0	0	x	x	x
	Eastman for Vern	0	x	x	x	0	0	0	0	0	x	x	x
	Eastman for DO	0	x	x	x	0	0	0	0	0	x	x	x
	From McClure	0	x	x	x	0	0	0	15.0	0	x	x	x
	McClure for Vern	0	x	x	x	0	0	0	15.0	0	x	x	x
	McClure for DO	0	x	x	x	0	0	0	0	0	x	x	x
	From Don Pedro	0	x	x	x	0	0	0	0	0	x	x	x
	Pedro for Vern	0	x	x	x	0	0	0	0	0	x	x	x
	Don Pedro for DO	0	x	x	x	0	0	0	0	0	x	x	x
Stor avail for DO	0	x	x	x	0	0	0	0	0	x	x	x	
Water Generated	0	x	x	x	0	0	0	26.0	0	x	x	x	

Alternative 3
Allocation of "Add Water" for Vernalis Objective

Year		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1988	Add Water	28.0	x	x	x	0	0	14.0	34.0	0	x	x	x
	Right #	71.0	x	x	x	0	0	16.0	53.0	0	x	x	x
	From DD	3.6	x	x	x	0	0	1.1	12.4	0	x	x	x
	Friant Stor & DD	31.0	x	x	x	0	0	0	0	0	x	x	x
	Friant Oblig at NM	24.4	x	x	x	0	0	0	0	0	x	x	x
	From NM	0	x	x	x	0	0	0	0	0	x	x	x
	NM for Vern	0	x	x	x	0	0	0	0	0	x	x	x
	NM avail for DO	0	x	x	x	0	0	0	0	0	x	x	x
	From Hensley	0	x	x	x	0	0	3.0	1.0	0	x	x	x
	Hensley for Vern	0	x	x	x	0	0	3.0	1.0	0	x	x	x
	Hensley for DO	0	x	x	x	0	0	0	0	0	x	x	x
	From Eastman	0	x	x	x	0	0	0	0	0	x	x	x
	Eastman for Vern	0	x	x	x	0	0	0	0	0	x	x	x
	Eastman for DO	0	x	x	x	0	0	0	0	0	x	x	x
	From McClure	0	x	x	x	0	0	28.0	21.0	0	x	x	x
	McClure for Vern	0	x	x	x	0	0	9.9	21.0	0	x	x	x
	McClure for DO	0	x	x	x	0	0	18.1	0	0	x	x	x
	From Don Pedro	0	x	x	x	0	0	0	0	0	x	x	x
	Pedro for Vern	0	x	x	x	0	0	0	0	0	x	x	x
	Don Pedro for DO	0	x	x	x	0	0	0	0	0	x	x	x
Stor avail for DO	0	x	x	x	0	0	18.1	0	0	x	x	x	
Water Generated	28.0	x	x	x	0	0	14.0	34.4	0	x	x	x	
1989	Add Water	0	x	x	x	0	0	21.0	23.0	0	x	x	x
	Right #	0	x	x	x	0	0	16.0	16.0	0	x	x	x
	From DD	0	x	x	x	0	0	1.1	1.4	0	x	x	x
	Friant Stor & DD	0	x	x	x	0	0	0	0	0	x	x	x
	Friant Oblig at NM	0	x	x	x	0	0	0	0	0	x	x	x
	From NM	0	x	x	x	0	0	0	0	0	x	x	x
	NM for Vern	0	x	x	x	0	0	0	0	0	x	x	x
	NM avail for DO	0	x	x	x	0	0	0	0	0	x	x	x
	From Hensley	0	x	x	x	0	0	3.0	0	0	x	x	x
	Hensley for Vern	0	x	x	x	0	0	3.0	0	0	x	x	x
	Hensley for DO	0	x	x	x	0	0	0	0	0	x	x	x
	From Eastman	0	x	x	x	0	0	0	0	0	x	x	x
	Eastman for Vern	0	x	x	x	0	0	0	0	0	x	x	x
	Eastman for DO	0	x	x	x	0	0	0	0	0	x	x	x
	From McClure	0	x	x	x	0	0	97.0	53.0	0	x	x	x
	McClure for Vern	0	x	x	x	0	0	16.9	21.6	0	x	x	x
	McClure for DO	0	x	x	x	0	0	80.1	31.4	0	x	x	x
	From Don Pedro	0	x	x	x	0	0	0	0	0	x	x	x
	Pedro for Vern	0	x	x	x	0	0	0	0	0	x	x	x
	Don Pedro for DO	0	x	x	x	0	0	0	0	0	x	x	x
Stor avail for DO	0	x	x	x	0	0	80.1	31.4	0	x	x	x	
Water Generated	0	x	x	x	0	0	21.0	23.0	0	x	x	x	
1990	Add Water	0	x	x	x	0	0	14.0	39.0	0	x	x	x
	Right #	0	x	x	x	0	0	16.0	16.0	0	x	x	x
	From DD	0	x	x	x	0	0	1.1	1.4	0	x	x	x
	Friant Stor & DD	0	x	x	x	0	0	0	0	0	x	x	x
	Friant Oblig at NM	0	x	x	x	0	0	0	0	0	x	x	x
	From NM	0	x	x	x	0	0	0	0	0	x	x	x
	NM for Vern	0	x	x	x	0	0	0	0	0	x	x	x
	NM avail for DO	0	x	x	x	0	0	0	0	0	x	x	x
	From Hensley	0	x	x	x	0	0	1.0	0	0	x	x	x
	Hensley for Vern	0	x	x	x	0	0	1.0	0	0	x	x	x
	Hensley for DO	0	x	x	x	0	0	0	0	0	x	x	x
	From Eastman	0	x	x	x	0	0	0	0	0	x	x	x
	Eastman for Vern	0	x	x	x	0	0	0	0	0	x	x	x
	Eastman for DO	0	x	x	x	0	0	0	0	0	x	x	x
	From McClure	0	x	x	x	0	0	51.0	53.0	0	x	x	x
	McClure for Vern	0	x	x	x	0	0	11.9	37.6	0	x	x	x
	McClure for DO	0	x	x	x	0	0	39.1	15.4	0	x	x	x
	From Don Pedro	0	x	x	x	0	0	0	0	0	x	x	x
	Pedro for Vern	0	x	x	x	0	0	0	0	0	x	x	x
	Don Pedro for DO	0	x	x	x	0	0	0	0	0	x	x	x
Stor avail for DO	0	x	x	x	0	0	39.1	15.4	0	x	x	x	
Water Generated	0	x	x	x	0	0	14.0	39.0	0	x	x	x	

Alternative 3
Allocation of "Add Water" for Vernalis Objective

Year		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1991	Add Water	0	x	x	x	0	0	0	13.0	0	x	x	x
	Right #	0	x	x	x	0	0	0	16.0	0	x	x	x
	From DD	0	x	x	x	0	0	0	1.4	0	x	x	x
	Friant Stor & DD	0	x	x	x	0	0	0	0	0	x	x	x
	Friant Oblig at NM	0	x	x	x	0	0	0	0	0	x	x	x
	From NM	0	x	x	x	0	0	0	0	0	x	x	x
	NM for Vern	0	x	x	x	0	0	0	0	0	x	x	x
	NM avail for DO	0	x	x	x	0	0	0	0	0	x	x	x
	From Hensley	0	x	x	x	0	0	0	3.0	0	x	x	x
	Hensley for Vern	0	x	x	x	0	0	0	3.0	0	x	x	x
	Hensley for DO	0	x	x	x	0	0	0	0	0	x	x	x
	From Eastman	0	x	x	x	0	0	0	0	0	x	x	x
	Eastman for Vern	0	x	x	x	0	0	0	0	0	x	x	x
	Eastman for DO	0	x	x	x	0	0	0	0	0	x	x	x
	From McClure	0	x	x	x	0	0	0	87.0	0	x	x	x
	McClure for Vern	0	x	x	x	0	0	0	8.6	0	x	x	x
	McClure for DO	0	x	x	x	0	0	0	78.4	0	x	x	x
	From Don Pedro	0	x	x	x	0	0	0	0	0	x	x	x
	Pedro for Vern	0	x	x	x	0	0	0	0	0	x	x	x
	Don Pedro for DO	0	x	x	x	0	0	0	0	0	x	x	x
Stor avail for DO	0	x	x	x	0	0	0	78.4	0	x	x	x	
Water Generated	0	x	x	x	0	0	0	13.0	0	x	x	x	
1992	Add Water	0	x	x	x	0	0	0	26.0	0	x	x	x
	Right #	0	x	x	x	0	0	0	18.0	0	x	x	x
	From DD	0	x	x	x	0	0	0	2.2	0	x	x	x
	Friant Stor & DD	0	x	x	x	0	0	0	0	0	x	x	x
	Friant Oblig at NM	0	x	x	x	0	0	0	0	0	x	x	x
	From NM	0	x	x	x	0	0	0	0	0	x	x	x
	NM for Vern	0	x	x	x	0	0	0	0	0	x	x	x
	NM avail for DO	0	x	x	x	0	0	0	0	0	x	x	x
	From Hensley	0	x	x	x	0	0	0	1.0	0	x	x	x
	Hensley for Vern	0	x	x	x	0	0	0	1.0	0	x	x	x
	Hensley for DO	0	x	x	x	0	0	0	0	0	x	x	x
	From Eastman	0	x	x	x	0	0	0	0	0	x	x	x
	Eastman for Vern	0	x	x	x	0	0	0	0	0	x	x	x
	Eastman for DO	0	x	x	x	0	0	0	0	0	x	x	x
	From McClure	0	x	x	x	0	0	0	24.0	0	x	x	x
	McClure for Vern	0	x	x	x	0	0	0	24.0	0	x	x	x
	McClure for DO	0	x	x	x	0	0	0	0	0	x	x	x
	From Don Pedro	0	x	x	x	0	0	0	0	0	x	x	x
	Pedro for Vern	0	x	x	x	0	0	0	0	0	x	x	x
	Don Pedro for DO	0	x	x	x	0	0	0	0	0	x	x	x
Stor avail for DO	0	x	x	x	0	0	0	0	0	x	x	x	
Water Generated	0	x	x	x	0	0	0	27.2	0	x	x	x	
1993	Add Water	0	x	x	x	35.0	34.0	165.0	85.0	0	x	x	x
	Right #	0	x	x	x	8.0	8.0	21.0	16.0	0	x	x	x
	From DD	0	x	x	x	0	0.2	2.1	1.4	0	x	x	x
	Friant Stor & DD	0	x	x	x	0	0	0	0	0	x	x	x
	Friant Oblig at NM	0	x	x	x	0	0	0	0	0	x	x	x
	From NM	0	x	x	x	475.0	322.0	42.0	0	0	x	x	x
	NM for Vern	0	x	x	x	35.0	33.8	42.0	0	0	x	x	x
	NM avail for DO	0	x	x	x	440.0	288.2	0	0	0	x	x	x
	From Hensley	0	x	x	x	0	0	9.0	0	0	x	x	x
	Hensley for Vern	0	x	x	x	0	0	9.0	0	0	x	x	x
	Hensley for DO	0	x	x	x	0	0	0	0	0	x	x	x
	From Eastman	0	x	x	x	0	0	9.0	0	0	x	x	x
	Eastman for Vern	0	x	x	x	0	0	9.0	0	0	x	x	x
	Eastman for DO	0	x	x	x	0	0	0	0	0	x	x	x
	From McClure	0	x	x	x	0	0	96.0	136.0	0	x	x	x
	McClure for Vern	0	x	x	x	0	0	96.0	83.6	0	x	x	x
	McClure for DO	0	x	x	x	0	0	0	52.4	0	x	x	x
	From Don Pedro	0	x	x	x	0	0	65.0	0	0	x	x	x
	Pedro for Vern	0	x	x	x	0	0	6.9	0	0	x	x	x
	Don Pedro for DO	0	x	x	x	0	0	58.1	0	0	x	x	x
Stor avail for DO	0	x	x	x	440.0	288.2	58.1	52.4	0	x	x	x	
Water Generated	0	x	x	x	35.0	34.0	165.0	85.0	0	x	x	x	

Alternative 3
Allocation of "Add Water" for Vernalis Objective

Year		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1994	Add Water	0	x	x	x	0	0	3.0	16.0	0	x	x	x
	Right #	0	x	x	x	0	0	11.0	16.0	0	x	x	x
	From DD	0	x	x	x	0	0	0.3	1.4	0	x	x	x
	Friant Stor & DD	0	x	x	x	0	0	0	0	0	x	x	x
	Friant Oblig at NM	0	x	x	x	0	0	0	0	0	x	x	x
	From NM	0	x	x	x	0	0	0	0	0	x	x	x
	NM for Vern	0	x	x	x	0	0	0	0	0	x	x	x
	NM avail for DO	0	x	x	x	0	0	0	0	0	x	x	x
	From Hensley	0	x	x	x	0	0	3.0	2.0	0	x	x	x
	Hensley for Vern	0	x	x	x	0	0	2.7	2.0	0	x	x	x
	Hensley for DO	0	x	x	x	0	0	0.3	0	0	x	x	x
	From Eastman	0	x	x	x	0	0	0	0	0	x	x	x
	Eastman for Vern	0	x	x	x	0	0	0	0	0	x	x	x
	Eastman for DO	0	x	x	x	0	0	0	0	0	x	x	x
	From McClure	0	x	x	x	0	0	0	34.0	0	x	x	x
	McClure for Vern	0	x	x	x	0	0	0	12.6	0	x	x	x
	McClure for DO	0	x	x	x	0	0	0	21.4	0	x	x	x
	From Don Pedro	0	x	x	x	0	0	0	0	0	x	x	x
	Pedro for Vern	0	x	x	x	0	0	0	0	0	x	x	x
	Don Pedro for DO	0	x	x	x	0	0	0	0	0	x	x	x
	Stor avail for DO	0	x	x	x	0	0	0.3	21.4	0	x	x	x
	Water Generated	0	x	x	x	0	0	3.0	16.0	0	x	x	x

Alternative 3
Allocation of Supplemental Water for Delta Outflow

Year		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1922	SW (Alt 3)	0	0	0	0	0	0	0	0	0	349.0	183.0	0
	From Storage	0	0	0	0	0	0	0	0	0	0	0	0
	From DD	0	0	0	0	0	0	0	0	0	166.2	81.6	0
	From Friant DD	0	0	0	0	0	0	0	0	0	0	0	0
	From SJ DD	0	0	0	0	0	0	0	0	0	39.1	12.9	0
	From IO	0	0	0	0	0	0	0	0	0	122.7	85.8	0
	Water Generated	0	0	0	0	0	0	0	0	0	288.9	167.4	0
	Proj Obligation	0	0	0	0	0	0	0	0	0	60.1	15.6	0
	Cutoff Group	0	0	0	0	0	0	0	0	0	7.0	5.0	0
1923	SW (Alt 3)	0	0	0	0	0	0	0	0	330.0	556.0	299.0	0
	From Storage	0	0	0	0	0	0	0	0	192.0	0	0	0
	From DD	0	0	0	0	0	0	0	0	43.5	172.6	115.3	0
	From Friant DD	0	0	0	0	0	0	0	0	0	0	0	0
	From SJ DD	0	0	0	0	0	0	0	0	0	39.1	28.2	0
	From IO	0	0	0	0	0	0	0	0	78.8	210.5	113.6	0
	Water Generated	0	0	0	0	0	0	0	0	314.3	383.1	228.9	0
	Proj Obligation	0	0	0	0	0	0	0	0	15.7	172.9	70.1	0
	Cutoff Group	0	0	0	0	0	0	0	0	4.0	8.0	7.0	0
1924	SW (Alt 3)	0	0	0	0	0	0	159.0	319.0	555.0	473.0	222.0	0
	From Storage	0	0	0	0	0	0	96.0	61.0	8.0	0	0	0
	From DD	0	0	0	0	0	0	19.9	95.0	154.9	172.6	112.5	0
	From Friant DD	0	0	0	0	0	0	0	0	52.0	54.0	0	0
	From SJ DD	0	0	0	0	0	0	10.3	29.7	37.5	39.1	27.2	0
	From IO	0	0	0	0	0	0	25.9	78.4	174.4	168.7	64.0	0
	Water Generated	0	0	0	0	0	0	141.8	234.4	389.3	395.3	176.5	0
	Proj Obligation	0	0	0	0	0	0	17.2	84.6	165.7	77.7	45.5	0
	Cutoff Group	0	0	0	0	0	0	4.0	7.0	8.0	8.0	6.0	0
1925	SW (Alt 3)	0	0	0	0	0	0	0	0	353.0	512.0	236.0	0
	From Storage	0	0	0	0	0	0	0	0	261.0	0	0	0
	From DD	0	0	0	0	0	0	0	0	37.4	166.2	115.3	0
	From Friant DD	0	0	0	0	0	0	0	0	0	0	0	0
	From SJ DD	0	0	0	0	0	0	0	0	11.2	39.1	28.2	0
	From IO	0	0	0	0	0	0	0	0	9.8	122.7	113.6	0
	Water Generated	0	0	0	0	0	0	0	0	308.2	288.9	228.9	0
	Proj Obligation	0	0	0	0	0	0	0	0	44.8	223.1	7.1	0
	Cutoff Group	0	0	0	0	0	0	0	0	3.0	7.0	7.0	0
1926	SW (Alt 3)	0	0	0	0	0	0	0	95.0	685.0	733.0	386.0	0
	From Storage	0	0	0	0	0	0	0	0	6.0	0	0	0
	From DD	0	0	0	0	0	0	0	0	154.9	172.6	119.8	0
	From Friant DD	0	0	0	0	0	0	0	0	109.0	92.0	69.0	0
	From SJ DD	0	0	0	0	0	0	0	0	37.5	39.1	28.2	0
	From IO	0	0	0	0	0	0	0	0	198.0	210.5	183.2	0
	Water Generated	0	0	0	0	0	0	0	0	467.9	475.1	372.0	0
	Proj Obligation	0	0	0	0	0	0	0	95.0	217.1	257.9	14.0	0
	Cutoff Group	0	0	0	0	0	0	0	(0)	8.0	8.0	8.0	0
1927	SW (Alt 3)	0	0	0	0	0	0	0	0	0	477.0	276.0	0
	From Storage	0	0	0	0	0	0	0	0	0	0	0	0
	From DD	0	0	0	0	0	0	0	0	0	166.2	115.3	0
	From Friant DD	0	0	0	0	0	0	0	0	0	0	0	0
	From SJ DD	0	0	0	0	0	0	0	0	0	39.1	28.2	0
	From IO	0	0	0	0	0	0	0	0	0	122.7	113.6	0
	Water Generated	0	0	0	0	0	0	0	0	0	288.9	228.9	0
	Proj Obligation	0	0	0	0	0	0	0	0	0	188.1	47.1	0
	Cutoff Group	0	0	0	0	0	0	0	0	0	7.0	7.0	0

Alternative 3
Allocation of Supplemental Water for Delta Outflow

Year		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1928	SW (Alt 3)	0	0	0	0	0	0	0	0	521.0	827.0	413.0	0
	From Storage	0	0	0	0	0	0	0	0	22.0	0	0	0
	From DD	0	0	0	0	0	0	0	0	154.9	172.6	119.8	0
	From Friant DD	0	0	0	0	0	0	0	0	113.0	69.0	66.0	0
	From SJ DD	0	0	0	0	0	0	0	0	37.5	39.1	28.2	0
	From IO	0	0	0	0	0	0	0	0	198.0	490.3	183.2	0
	Water Generated	0	0	0	0	0	0	0	0	487.9	731.9	369.0	0
	Proj Obligation	0	0	0	0	0	0	0	0	33.1	95.1	44.0	0
	Cutoff Group	0	0	0	0	0	0	0	0	8.0	9.0	8.0	0
1929	SW (Alt 3)	0	0	0	0	0	0	0	0	199.0	504.0	257.0	0
	From Storage	0	0	0	0	0	0	0	0	96.0	10.0	15.0	0
	From DD	0	0	0	0	0	0	0	0	43.5	172.6	115.3	0
	From Friant DD	0	0	0	0	0	0	0	0	0	81.0	0	0
	From SJ DD	0	0	0	0	0	0	0	0	13.8	39.1	28.2	0
	From IO	0	0	0	0	0	0	0	0	58.9	168.7	75.2	0
	Water Generated	0	0	0	0	0	0	0	0	198.4	432.3	205.5	0
	Proj Obligation	0	0	0	0	0	0	0	0	0.6	71.7	51.5	0
	Cutoff Group	0	0	0	0	0	0	0	0	4.0	8.0	7.0	0
1930	SW (Alt 3)	0	0	0	0	0	0	0	0	536.0	563.0	237.0	0
	From Storage	0	0	0	0	0	0	0	0	192.0	14.0	17.0	0
	From DD	0	0	0	0	0	0	0	0	149.2	172.6	115.3	0
	From Friant DD	0	0	0	0	0	0	0	0	0	78.0	0	0
	From SJ DD	0	0	0	0	0	0	0	0	37.5	39.1	28.2	0
	From IO	0	0	0	0	0	0	0	0	90.1	178.3	78.1	0
	Water Generated	0	0	0	0	0	0	0	0	431.3	442.9	210.4	0
	Proj Obligation	0	0	0	0	0	0	0	0	104.7	120.1	26.6	0
	Cutoff Group	0	0	0	0	0	0	0	0	7.0	8.0	7.0	0
1931	SW (Alt 3)	0	0	0	0	0	0	156.0	157.0	425.0	424.0	290.0	0
	From Storage	0	0	0	0	0	0	112.0	49.0	7.0	0	0	0
	From DD	0	0	0	0	0	0	17.5	29.9	154.9	172.6	115.3	0
	From Friant DD	0	0	0	0	0	0	0	0	60.0	62.0	0	0
	From SJ DD	0	0	0	0	0	0	9.3	12.4	37.5	39.1	28.2	0
	From IO	0	0	0	0	0	0	0.2	48.3	174.4	168.7	75.2	0
	Water Generated	0	0	0	0	0	0	129.7	127.2	396.3	403.3	190.5	0
	Proj Obligation	0	0	0	0	0	0	26.3	29.8	28.7	20.7	99.5	0
	Cutoff Group	0	0	0	0	0	0	3.0	4.0	8.0	8.0	7.0	0
1932	SW (Alt 3)	0	0	0	0	0	0	0	0	137.0	436.0	196.0	0
	From Storage	0	0	0	0	0	0	0	0	0	0	0	0
	From DD	0	0	0	0	0	0	0	0	0	166.2	112.5	0
	From Friant DD	0	0	0	0	0	0	0	0	0	0	0	0
	From SJ DD	0	0	0	0	0	0	0	0	0	39.1	27.2	0
	From IO	0	0	0	0	0	0	0	0	0	92.4	63.4	0
	Water Generated	0	0	0	0	0	0	0	0	0	258.6	175.9	0
	Proj Obligation	0	0	0	0	0	0	0	0	137.0	177.4	20.1	0
	Cutoff Group	0	0	0	0	0	0	0	0	(0)	7.0	6.0	0
1933	SW (Alt 3)	0	0	0	0	0	0	0	0	136.0	438.0	281.0	0
	From Storage	0	0	0	0	0	0	0	0	0	0	0	0
	From DD	0	0	0	0	0	0	0	0	0	166.2	115.3	0
	From Friant DD	0	0	0	0	0	0	0	0	0	0	0	0
	From SJ DD	0	0	0	0	0	0	0	0	0	39.1	28.2	0
	From IO	0	0	0	0	0	0	0	0	0	88.1	75.2	0
	Water Generated	0	0	0	0	0	0	0	0	0	254.3	190.5	0
	Proj Obligation	0	0	0	0	0	0	0	0	136.0	183.7	90.5	0
	Cutoff Group	0	0	0	0	0	0	0	0	(0)	7.0	7.0	0

Alternative 3
Allocation of Supplemental Water for Delta Outflow

Year		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1934	SW (Alt 3)	0	0	0	0	0	0	0	85.0	479.0	450.0	226.0	0
	From Storage	0	0	0	0	0	0	0	40.0	12.0	0	0	0
	From DD	0	0	0	0	0	0	0	25.9	154.9	172.6	115.3	0
	From Friant DD	0	0	0	0	0	0	0	0	73.0	84.0	0	0
	From SJ DD	0	0	0	0	0	0	0	10.5	37.5	39.1	28.2	0
	From IO	0	0	0	0	0	0	0	0.5	173.8	168.3	74.5	0
	Water Generated	0	0	0	0	0	0	0	66.4	413.7	424.9	189.8	0
	Proj Obligation	0	0	0	0	0	0	0	18.6	65.3	25.1	36.2	0
	Cutoff Group	0	0	0	0	0	0	0	3.0	8.0	8.0	7.0	0
1935	SW (Alt 3)	0	0	0	0	0	0	0	0	0	520.0	233.0	0
	From Storage	0	0	0	0	0	0	0	0	0	0	0	0
	From DD	0	0	0	0	0	0	0	0	0	166.2	112.5	0
	From Friant DD	0	0	0	0	0	0	0	0	0	0	0	0
	From SJ DD	0	0	0	0	0	0	0	0	0	39.1	27.2	0
	From IO	0	0	0	0	0	0	0	0	0	122.7	96.5	0
	Water Generated	0	0	0	0	0	0	0	0	0	288.9	209.0	0
	Proj Obligation	0	0	0	0	0	0	0	0	0	231.1	24.0	0
	Cutoff Group	0	0	0	0	0	0	0	0	0	7.0	6.0	0
1936	SW (Alt 3)	0	0	0	0	0	0	0	0	9.0	620.0	345.0	0
	From Storage	0	0	0	0	0	0	0	0	0	0	0	0
	From DD	0	0	0	0	0	0	0	0	0	172.6	115.3	0
	From Friant DD	0	0	0	0	0	0	0	0	0	151.0	0	0
	From SJ DD	0	0	0	0	0	0	0	0	0	39.1	28.2	0
	From IO	0	0	0	0	0	0	0	0	0	210.5	113.6	0
	Water Generated	0	0	0	0	0	0	0	0	0	534.1	228.9	0
	Proj Obligation	0	0	0	0	0	0	0	0	9.0	85.9	116.1	0
	Cutoff Group	0	0	0	0	0	0	0	0	(0)	8.0	7.0	0
1937	SW (Alt 3)	0	0	0	0	0	0	0	0	154.0	651.0	344.0	0
	From Storage	0	0	0	0	0	0	0	0	0	0	0	0
	From DD	0	0	0	0	0	0	0	0	0	172.6	115.3	0
	From Friant DD	0	0	0	0	0	0	0	0	0	155.0	0	0
	From SJ DD	0	0	0	0	0	0	0	0	0	39.1	28.2	0
	From IO	0	0	0	0	0	0	0	0	0	210.5	113.6	0
	Water Generated	0	0	0	0	0	0	0	0	0	538.1	228.9	0
	Proj Obligation	0	0	0	0	0	0	0	0	154.0	112.9	115.1	0
	Cutoff Group	0	0	0	0	0	0	0	0	(0)	8.0	7.0	0
1938	SW (Alt 3)	0	0	0	0	0	0	0	0	0	6.0	58.0	0
	From Storage	0	0	0	0	0	0	0	0	0	0	2.0	0
	From DD	0	0	0	0	0	0	0	0	0	0	19.7	0
	From Friant DD	0	0	0	0	0	0	0	0	0	0	0	0
	From SJ DD	0	0	0	0	0	0	0	0	0	0	4.6	0
	From IO	0	0	0	0	0	0	0	0	0	0	10.9	0
	Water Generated	0	0	0	0	0	0	0	0	0	0	32.6	0
	Proj Obligation	0	0	0	0	0	0	0	0	0	6.0	25.4	0
	Cutoff Group	0	0	0	0	0	0	0	0	0	(0)	2.0	0
1939	SW (Alt 3)	0	0	0	0	0	0	122.0	85.0	730.0	602.0	320.0	0
	From Storage	0	0	0	0	0	0	0	63.0	8.0	0	0	0
	From DD	0	0	0	0	0	0	0	13.6	154.9	172.6	115.3	0
	From Friant DD	0	0	0	0	0	0	0	0	104.0	96.0	0	0
	From SJ DD	0	0	0	0	0	0	0	3.3	37.5	39.1	28.2	0
	From IO	0	0	0	0	0	0	0	0.5	442.4	195.5	99.0	0
	Water Generated	0	0	0	0	0	0	0	77.1	709.3	464.1	214.3	0
	Proj Obligation	0	0	0	0	0	0	122.0	7.9	20.7	137.9	105.7	0
	Cutoff Group	0	0	0	0	0	0	(0)	1.0	9.0	8.0	7.0	0

Alternative 3
Allocation of Supplemental Water for Delta Outflow

Year		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1940	SW (Alt 3)	0	0	0	0	0	0	0	0	269.0	686.0	346.0	0
	From Storage	0	0	0	0	0	0	0	0	129.0	0	0	0
	From DD	0	0	0	0	0	0	0	0	43.5	172.6	115.3	0
	From Friant DD	0	0	0	0	0	0	0	0	0	127.0	0	0
	From SJ DD	0	0	0	0	0	0	0	0	13.8	39.1	28.2	0
	From IO	0	0	0	0	0	0	0	0	78.8	210.5	113.6	0
	Water Generated	0	0	0	0	0	0	0	0	251.3	510.1	228.9	0
	Proj Obligation	0	0	0	0	0	0	0	0	17.7	175.9	117.1	0
	Cutoff Group	0	0	0	0	0	0	0	0	4.0	8.0	7.0	0
1941	SW (Alt 3)	0	0	0	0	0	0	0	0	0	233.0	119.0	0
	From Storage	0	0	0	0	0	0	0	0	0	0	0	0
	From DD	0	0	0	0	0	0	0	0	0	119.6	31.5	0
	From Friant DD	0	0	0	0	0	0	0	0	0	0	0	0
	From SJ DD	0	0	0	0	0	0	0	0	0	20.5	7.6	0
	From IO	0	0	0	0	0	0	0	0	0	89.2	84.2	0
	Water Generated	0	0	0	0	0	0	0	0	0	208.8	115.7	0
	Proj Obligation	0	0	0	0	0	0	0	0	0	24.2	3.3	0
	Cutoff Group	0	0	0	0	0	0	0	0	0	5.0	4.0	0
1942	SW (Alt 3)	0	0	0	0	0	0	0	0	0	190.0	112.0	0
	From Storage	0	0	0	0	0	0	0	0	0	3.0	0	0
	From DD	0	0	0	0	0	0	0	0	0	43.4	26.7	0
	From Friant DD	0	0	0	0	0	0	0	0	0	0	0	0
	From SJ DD	0	0	0	0	0	0	0	0	0	14.1	5.5	0
	From IO	0	0	0	0	0	0	0	0	0	87.1	81.7	0
	Water Generated	0	0	0	0	0	0	0	0	0	133.5	108.4	0
	Proj Obligation	0	0	0	0	0	0	0	0	0	56.5	3.6	0
	Cutoff Group	0	0	0	0	0	0	0	0	0	4.0	3.0	0
1943	SW (Alt 3)	0	0	0	0	0	0	0	0	0	510.0	244.0	0
	From Storage	0	0	0	0	0	0	0	0	0	0	0	0
	From DD	0	0	0	0	0	0	0	0	0	166.2	115.3	0
	From Friant DD	0	0	0	0	0	0	0	0	0	0	0	0
	From SJ DD	0	0	0	0	0	0	0	0	0	39.1	28.2	0
	From IO	0	0	0	0	0	0	0	0	0	122.7	113.6	0
	Water Generated	0	0	0	0	0	0	0	0	0	288.9	228.9	0
	Proj Obligation	0	0	0	0	0	0	0	0	0	221.1	15.1	0
	Cutoff Group	0	0	0	0	0	0	0	0	0	7.0	7.0	0
1944	SW (Alt 3)	0	0	0	0	0	0	0	0	494.0	630.0	328.0	0
	From Storage	0	0	0	0	0	0	0	0	155.0	0	0	0
	From DD	0	0	0	0	0	0	0	0	149.2	172.6	115.3	0
	From Friant DD	0	0	0	0	0	0	0	0	0	143.0	0	0
	From SJ DD	0	0	0	0	0	0	0	0	37.5	39.1	28.2	0
	From IO	0	0	0	0	0	0	0	0	112.9	210.5	113.6	0
	Water Generated	0	0	0	0	0	0	0	0	417.1	526.1	228.9	0
	Proj Obligation	0	0	0	0	0	0	0	0	76.9	103.9	99.1	0
	Cutoff Group	0	0	0	0	0	0	0	0	7.0	8.0	7.0	0
1945	SW (Alt 3)	0	0	0	0	0	0	0	0	154.0	641.0	291.0	0
	From Storage	0	0	0	0	0	0	0	0	0	0	0	0
	From DD	0	0	0	0	0	0	0	0	0	172.6	115.3	0
	From Friant DD	0	0	0	0	0	0	0	0	0	181.0	0	0
	From SJ DD	0	0	0	0	0	0	0	0	0	39.1	28.2	0
	From IO	0	0	0	0	0	0	0	0	0	210.5	113.6	0
	Water Generated	0	0	0	0	0	0	0	0	0	564.1	228.9	0
	Proj Obligation	0	0	0	0	0	0	0	0	154.0	76.9	62.1	0
	Cutoff Group	0	0	0	0	0	0	0	0	(0)	8.0	7.0	0

Alternative 3
Allocation of Supplemental Water for Delta Outflow

Year		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1946	SW (Alt 3)	0	0	0	0	0	0	0	0	397.0	555.0	244.0	0
	From Storage	0	0	0	0	0	0	0	0	81.0	0	0	0
	From DD	0	0	0	0	0	0	0	0	149.2	172.6	115.3	0
	From Friant DD	0	0	0	0	0	0	0	0	0	130.0	0	0
	From SJ DD	0	0	0	0	0	0	0	0	37.5	39.1	28.2	0
	From IO	0	0	0	0	0	0	0	0	112.9	210.5	113.6	0
	Water Generated	0	0	0	0	0	0	0	0	343.1	513.1	228.9	0
	Proj Obligation	0	0	0	0	0	0	0	0	53.9	41.9	15.1	0
	Cutoff Group	0	0	0	0	0	0	0	0	7.0	8.0	7.0	0
1947	SW (Alt 3)	0	0	0	0	0	0	0	134.0	459.0	708.0	330.0	0
	From Storage	0	0	0	0	0	0	0	0	25.0	0	0	0
	From DD	0	0	0	0	0	0	0	0	149.2	172.6	115.3	0
	From Friant DD	0	0	0	0	0	0	0	0	0	85.0	0	0
	From SJ DD	0	0	0	0	0	0	0	0	37.5	39.1	28.2	0
	From IO	0	0	0	0	0	0	0	0	112.9	210.5	113.6	0
	Water Generated	0	0	0	0	0	0	0	0	287.1	468.1	228.9	0
	Proj Obligation	0	0	0	0	0	0	0	134.0	171.9	239.9	101.1	0
	Cutoff Group	0	0	0	0	0	0	0	(0)	7.0	8.0	7.0	0
1948	SW (Alt 3)	0	0	0	0	0	0	0	0	0	410.0	299.0	0
	From Storage	0	0	0	0	0	0	0	0	0	1.0	0	0
	From DD	0	0	0	0	0	0	0	0	0	166.2	115.3	0
	From Friant DD	0	0	0	0	0	0	0	0	0	0	0	0
	From SJ DD	0	0	0	0	0	0	0	0	0	39.1	28.2	0
	From IO	0	0	0	0	0	0	0	0	0	122.7	113.6	0
	Water Generated	0	0	0	0	0	0	0	0	0	289.9	228.9	0
	Proj Obligation	0	0	0	0	0	0	0	0	0	120.1	70.1	0
	Cutoff Group	0	0	0	0	0	0	0	0	0	7.0	7.0	0
1949	SW (Alt 3)	0	0	0	0	0	0	0	0	561.0	644.0	288.0	0
	From Storage	0	0	0	0	0	0	0	0	109.0	0	0	0
	From DD	0	0	0	0	0	0	0	0	149.2	172.6	115.3	0
	From Friant DD	0	0	0	0	0	0	0	0	0	97.0	0	0
	From SJ DD	0	0	0	0	0	0	0	0	37.5	39.1	28.2	0
	From IO	0	0	0	0	0	0	0	0	112.9	210.5	113.6	0
	Water Generated	0	0	0	0	0	0	0	0	371.1	480.1	228.9	0
	Proj Obligation	0	0	0	0	0	0	0	0	189.9	163.9	59.1	0
	Cutoff Group	0	0	0	0	0	0	0	0	7.0	8.0	7.0	0
1950	SW (Alt 3)	0	0	0	0	0	0	0	0	196.0	508.0	172.0	0
	From Storage	0	0	0	0	0	0	0	0	0	3.0	0	0
	From DD	0	0	0	0	0	0	0	0	0	172.6	31.5	0
	From Friant DD	0	0	0	0	0	0	0	0	0	106.0	0	0
	From SJ DD	0	0	0	0	0	0	0	0	0	39.1	7.6	0
	From IO	0	0	0	0	0	0	0	0	0	210.5	84.2	0
	Water Generated	0	0	0	0	0	0	0	0	0	492.1	115.7	0
	Proj Obligation	0	0	0	0	0	0	0	0	196.0	15.9	56.3	0
	Cutoff Group	0	0	0	0	0	0	0	0	(0)	8.0	4.0	0
1951	SW (Alt 3)	0	0	0	0	0	0	0	0	392.0	703.0	210.0	0
	From Storage	0	0	0	0	0	0	0	0	31.0	0	0	0
	From DD	0	0	0	0	0	0	0	0	149.2	172.6	81.6	0
	From Friant DD	0	0	0	0	0	0	0	0	0	118.0	0	0
	From SJ DD	0	0	0	0	0	0	0	0	37.5	39.1	12.9	0
	From IO	0	0	0	0	0	0	0	0	112.9	210.5	85.8	0
	Water Generated	0	0	0	0	0	0	0	0	293.1	501.1	167.4	0
	Proj Obligation	0	0	0	0	0	0	0	0	98.9	201.9	42.6	0
	Cutoff Group	0	0	0	0	0	0	0	0	7.0	8.0	5.0	0

Alternative 3
Allocation of Supplemental Water for Delta Outflow

Year		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1952	SW (Alt 3)	0	0	0	0	0	0	0	0	0	0	0	0
	From Storage	0	0	0	0	0	0	0	0	0	0	0	0
	From DD	0	0	0	0	0	0	0	0	0	0	0	0
	From Friant DD	0	0	0	0	0	0	0	0	0	0	0	0
	From SJ DD	0	0	0	0	0	0	0	0	0	0	0	0
	From IO	0	0	0	0	0	0	0	0	0	0	0	0
	Water Generated	0	0	0	0	0	0	0	0	0	0	0	0
	Proj Obligation	0	0	0	0	0	0	0	0	0	0	0	0
	Cutoff Group	0	0	0	0	0	0	0	0	0	0	0	0
1953	SW (Alt 3)	0	0	0	0	0	0	0	0	0	174.0	59.0	0
	From Storage	0	0	0	0	0	0	0	0	0	1.0	0	0
	From DD	0	0	0	0	0	0	0	0	0	43.4	19.7	0
	From Friant DD	0	0	0	0	0	0	0	0	0	0	0	0
	From SJ DD	0	0	0	0	0	0	0	0	0	14.1	4.6	0
	From IO	0	0	0	0	0	0	0	0	0	87.1	10.9	0
	Water Generated	0	0	0	0	0	0	0	0	0	131.5	30.6	0
	Proj Obligation	0	0	0	0	0	0	0	0	0	42.5	28.4	0
	Cutoff Group	0	0	0	0	0	0	0	0	0	4.0	2.0	0
1954	SW (Alt 3)	0	0	0	0	0	0	0	51.0	250.0	708.0	153.0	0
	From Storage	0	0	0	0	0	0	0	0	33.0	0	0	0
	From DD	0	0	0	0	0	0	0	0	107.7	172.6	31.5	0
	From Friant DD	0	0	0	0	0	0	0	0	0	101.0	0	0
	From SJ DD	0	0	0	0	0	0	0	0	19.8	39.1	7.6	0
	From IO	0	0	0	0	0	0	0	0	80.9	210.5	84.2	0
	Water Generated	0	0	0	0	0	0	0	0	221.6	484.1	115.7	0
	Proj Obligation	0	0	0	0	0	0	0	51.0	28.4	223.9	37.3	0
	Cutoff Group	0	0	0	0	0	0	0	(0)	5.0	8.0	4.0	0
1955	SW (Alt 3)	0	0	0	0	0	0	0	0	524.0	659.0	319.0	0
	From Storage	0	0	0	0	0	0	0	0	211.0	0	0	0
	From DD	0	0	0	0	0	0	0	0	149.2	172.6	115.3	0
	From Friant DD	0	0	0	0	0	0	0	0	0	106.0	0	0
	From SJ DD	0	0	0	0	0	0	0	0	37.5	39.1	28.2	0
	From IO	0	0	0	0	0	0	0	0	112.9	210.5	113.6	0
	Water Generated	0	0	0	0	0	0	0	0	473.1	489.1	228.9	0
	Proj Obligation	0	0	0	0	0	0	0	0	50.9	169.9	90.1	0
	Cutoff Group	0	0	0	0	0	0	0	0	7.0	8.0	7.0	0
1956	SW (Alt 3)	0	0	0	0	0	0	0	0	0	128.0	0	0
	From Storage	0	0	0	0	0	0	0	0	0	0	0	0
	From DD	0	0	0	0	0	0	0	0	0	36.8	0	0
	From Friant DD	0	0	0	0	0	0	0	0	0	0	0	0
	From SJ DD	0	0	0	0	0	0	0	0	0	11.4	0	0
	From IO	0	0	0	0	0	0	0	0	0	83.9	0	0
	Water Generated	0	0	0	0	0	0	0	0	0	120.7	0	0
	Proj Obligation	0	0	0	0	0	0	0	0	0	7.3	0	0
	Cutoff Group	0	0	0	0	0	0	0	0	0	3.0	0	0
1957	SW (Alt 3)	0	0	0	0	0	0	0	0	112.0	544.0	168.0	0
	From Storage	0	0	0	0	0	0	0	0	0	0	0	0
	From DD	0	0	0	0	0	0	0	0	0	172.6	31.5	0
	From Friant DD	0	0	0	0	0	0	0	0	0	124.0	0	0
	From SJ DD	0	0	0	0	0	0	0	0	0	39.1	7.6	0
	From IO	0	0	0	0	0	0	0	0	0	210.5	84.2	0
	Water Generated	0	0	0	0	0	0	0	0	0	507.1	115.7	0
	Proj Obligation	0	0	0	0	0	0	0	0	112.0	36.9	52.3	0
	Cutoff Group	0	0	0	0	0	0	0	0	(0)	8.0	4.0	0

Alternative 3
Allocation of Supplemental Water for Delta Outflow

Year		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1958	SW (Alt 3)	0	0	0	0	0	0	0	0	0	0	0	0
	From Storage	0	0	0	0	0	0	0	0	0	0	0	0
	From DD	0	0	0	0	0	0	0	0	0	0	0	0
	From Friant DD	0	0	0	0	0	0	0	0	0	0	0	0
	From SJ DD	0	0	0	0	0	0	0	0	0	0	0	0
	From IO	0	0	0	0	0	0	0	0	0	0	0	0
	Water Generated	0	0	0	0	0	0	0	0	0	0	0	0
	Proj Obligation	0	0	0	0	0	0	0	0	0	0	0	0
	Cutoff Group	0	0	0	0	0	0	0	0	0	0	0	0
1959	SW (Alt 3)	0	0	0	0	0	0	0	0	654.0	708.0	288.0	0
	From Storage	0	0	0	0	0	0	0	0	19.0	0	0	0
	From DD	0	0	0	0	0	0	0	0	154.9	172.6	115.3	0
	From Friant DD	0	0	0	0	0	0	0	0	124.0	56.0	0	0
	From SJ DD	0	0	0	0	0	0	0	0	37.5	39.1	28.2	0
	From IO	0	0	0	0	0	0	0	0	198.0	210.5	113.6	0
	Water Generated	0	0	0	0	0	0	0	0	495.9	439.1	228.9	0
	Proj Obligation	0	0	0	0	0	0	0	0	158.1	268.9	59.1	0
	Cutoff Group	0	0	0	0	0	0	0	0	8.0	8.0	7.0	0
1960	SW (Alt 3)	0	0	0	0	0	0	0	0	608.0	664.0	339.0	0
	From Storage	0	0	0	0	0	0	0	0	77.0	0	0	0
	From DD	0	0	0	0	0	0	0	0	154.9	172.6	115.3	0
	From Friant DD	0	0	0	0	0	0	0	0	93.0	91.0	0	0
	From SJ DD	0	0	0	0	0	0	0	0	37.5	39.1	28.2	0
	From IO	0	0	0	0	0	0	0	0	198.0	210.5	113.6	0
	Water Generated	0	0	0	0	0	0	0	0	522.9	474.1	228.9	0
	Proj Obligation	0	0	0	0	0	0	0	0	85.1	189.9	110.1	0
	Cutoff Group	0	0	0	0	0	0	0	0	8.0	8.0	7.0	0
1961	SW (Alt 3)	0	0	0	0	0	0	0	0	552.0	719.0	372.0	0
	From Storage	0	0	0	0	0	0	0	0	40.0	0	0	0
	From DD	0	0	0	0	0	0	0	0	154.9	172.6	119.8	0
	From Friant DD	0	0	0	0	0	0	0	0	86.0	31.0	40.0	0
	From SJ DD	0	0	0	0	0	0	0	0	37.5	39.1	28.2	0
	From IO	0	0	0	0	0	0	0	0	198.0	490.3	183.2	0
	Water Generated	0	0	0	0	0	0	0	0	478.9	693.9	343.0	0
	Proj Obligation	0	0	0	0	0	0	0	0	73.1	25.1	29.0	0
	Cutoff Group	0	0	0	0	0	0	0	0	8.0	9.0	8.0	0
1962	SW (Alt 3)	0	0	0	0	0	0	0	0	242.0	654.0	283.0	0
	From Storage	0	0	0	0	0	0	0	0	0	0	0	0
	From DD	0	0	0	0	0	0	0	0	0	172.6	115.3	0
	From Friant DD	0	0	0	0	0	0	0	0	0	172.0	0	0
	From SJ DD	0	0	0	0	0	0	0	0	0	39.1	28.2	0
	From IO	0	0	0	0	0	0	0	0	0	210.5	113.6	0
	Water Generated	0	0	0	0	0	0	0	0	0	555.1	228.9	0
	Proj Obligation	0	0	0	0	0	0	0	0	242.0	98.9	54.1	0
	Cutoff Group	0	0	0	0	0	0	0	0	(0)	8.0	7.0	0
1963	SW (Alt 3)	0	0	0	0	0	0	0	0	0	380.0	101.0	0
	From Storage	0	0	0	0	0	0	0	0	0	0	0	0
	From DD	0	0	0	0	0	0	0	0	0	166.2	19.7	0
	From Friant DD	0	0	0	0	0	0	0	0	0	0	0	0
	From SJ DD	0	0	0	0	0	0	0	0	0	39.1	4.6	0
	From IO	0	0	0	0	0	0	0	0	0	122.7	10.9	0
	Water Generated	0	0	0	0	0	0	0	0	0	288.9	30.6	0
	Proj Obligation	0	0	0	0	0	0	0	0	0	91.1	70.4	0
	Cutoff Group	0	0	0	0	0	0	0	0	0	7.0	2.0	0

Alternative 3
Allocation of Supplemental Water for Delta Outflow

Year		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1964	SW (Alt 3)	0	0	0	0	0	0	0	0	401.0	677.0	324.0	0
	From Storage	0	0	0	0	0	0	0	0	84.0	0	0	0
	From DD	0	0	0	0	0	0	0	0	149.2	172.6	115.3	0
	From Friant DD	0	0	0	0	0	0	0	0	0	99.0	0	0
	From SJ DD	0	0	0	0	0	0	0	0	37.5	39.1	28.2	0
	From IO	0	0	0	0	0	0	0	0	112.9	210.5	113.6	0
	Water Generated	0	0	0	0	0	0	0	0	346.1	482.1	228.9	0
	Proj Obligation	0	0	0	0	0	0	0	0	54.9	194.9	95.1	0
	Cutoff Group	0	0	0	0	0	0	0	0	7.0	8.0	7.0	0
1965	SW (Alt 3)	0	0	0	0	0	0	0	0	0	374.0	0	0
	From Storage	0	0	0	0	0	0	0	0	0	0	0	0
	From DD	0	0	0	0	0	0	0	0	0	166.2	0	0
	From Friant DD	0	0	0	0	0	0	0	0	0	0	0	0
	From SJ DD	0	0	0	0	0	0	0	0	0	39.1	0	0
	From IO	0	0	0	0	0	0	0	0	0	122.7	0	0
	Water Generated	0	0	0	0	0	0	0	0	0	288.9	0	0
	Proj Obligation	0	0	0	0	0	0	0	0	0	85.1	0	0
	Cutoff Group	0	0	0	0	0	0	0	0	0	7.0	0	0
1966	SW (Alt 3)	0	0	0	0	0	0	0	39.0	607.0	666.0	274.0	0
	From Storage	0	0	0	0	0	0	0	0	13.0	0	0	0
	From DD	0	0	0	0	0	0	0	0	154.9	172.6	115.3	0
	From Friant DD	0	0	0	0	0	0	0	0	125.0	92.0	0	0
	From SJ DD	0	0	0	0	0	0	0	0	37.5	39.1	28.2	0
	From IO	0	0	0	0	0	0	0	0	198.0	210.5	113.6	0
	Water Generated	0	0	0	0	0	0	0	0	490.9	475.1	228.9	0
	Proj Obligation	0	0	0	0	0	0	0	39.0	116.1	190.9	45.1	0
	Cutoff Group	0	0	0	0	0	0	0	(0)	8.0	8.0	7.0	0
1967	SW (Alt 3)	0	0	0	0	0	0	0	0	0	0	0	0
	From Storage	0	0	0	0	0	0	0	0	0	0	0	0
	From DD	0	0	0	0	0	0	0	0	0	0	0	0
	From Friant DD	0	0	0	0	0	0	0	0	0	0	0	0
	From SJ DD	0	0	0	0	0	0	0	0	0	0	0	0
	From IO	0	0	0	0	0	0	0	0	0	0	0	0
	Water Generated	0	0	0	0	0	0	0	0	0	0	0	0
	Proj Obligation	0	0	0	0	0	0	0	0	0	0	0	0
	Cutoff Group	0	0	0	0	0	0	0	0	0	0	0	0
1968	SW (Alt 3)	0	0	0	0	0	0	0	0	580.0	641.0	0	0
	From Storage	0	0	0	0	0	0	0	0	23.0	0	0	0
	From DD	0	0	0	0	0	0	0	0	154.9	172.6	0	0
	From Friant DD	0	0	0	0	0	0	0	0	96.0	102.0	0	0
	From SJ DD	0	0	0	0	0	0	0	0	37.5	39.1	0	0
	From IO	0	0	0	0	0	0	0	0	198.0	210.5	0	0
	Water Generated	0	0	0	0	0	0	0	0	471.9	485.1	0	0
	Proj Obligation	0	0	0	0	0	0	0	0	108.1	155.9	0	0
	Cutoff Group	0	0	0	0	0	0	0	0	8.0	8.0	0	0
1969	SW (Alt 3)	0	0	0	0	0	0	0	0	0	27.0	0	0
	From Storage	0	0	0	0	0	0	0	0	0	0	0	0
	From DD	0	0	0	0	0	0	0	0	0	20.1	0	0
	From Friant DD	0	0	0	0	0	0	0	0	0	0	0	0
	From SJ DD	0	0	0	0	0	0	0	0	0	3.8	0	0
	From IO	0	0	0	0	0	0	0	0	0	3.6	0	0
	Water Generated	0	0	0	0	0	0	0	0	0	23.7	0	0
	Proj Obligation	0	0	0	0	0	0	0	0	0	3.3	0	0
	Cutoff Group	0	0	0	0	0	0	0	0	0	1.0	0	0

Alternative 3
Allocation of Supplemental Water for Delta Outflow

Year		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1970	SW (Alt 3)	0	0	0	0	0	0	0	0	301.0	536.0	113.0	0
	From Storage	0	0	0	0	0	0	0	0	98.0	0	0	0
	From DD	0	0	0	0	0	0	0	0	107.7	172.6	26.7	0
	From Friant DD	0	0	0	0	0	0	0	0	0	138.0	0	0
	From SJ DD	0	0	0	0	0	0	0	0	19.8	39.1	5.5	0
	From IO	0	0	0	0	0	0	0	0	80.9	210.5	81.7	0
	Water Generated	0	0	0	0	0	0	0	0	286.6	521.1	108.4	0
	Proj Obligation	0	0	0	0	0	0	0	0	14.4	14.9	4.6	0
	Cutoff Group	0	0	0	0	0	0	0	0	5.0	8.0	3.0	0
1971	SW (Alt 3)	0	0	0	0	0	0	0	0	0	133.0	25.0	0
	From Storage	0	0	0	0	0	0	0	0	0	0	0	0
	From DD	0	0	0	0	0	0	0	0	0	36.8	14.8	0
	From Friant DD	0	0	0	0	0	0	0	0	0	0	0	0
	From SJ DD	0	0	0	0	0	0	0	0	0	11.4	3.5	0
	From IO	0	0	0	0	0	0	0	0	0	83.9	3.2	0
	Water Generated	0	0	0	0	0	0	0	0	0	120.7	18.0	0
	Proj Obligation	0	0	0	0	0	0	0	0	0	12.3	7.0	0
	Cutoff Group	0	0	0	0	0	0	0	0	0	3.0	1.0	0
1972	SW (Alt 3)	0	0	0	0	0	0	0	0	615.0	677.0	201.0	0
	From Storage	0	0	0	0	0	0	0	0	47.0	0	0	0
	From DD	0	0	0	0	0	0	0	0	154.9	172.6	81.6	0
	From Friant DD	0	0	0	0	0	0	0	0	120.0	86.0	0	0
	From SJ DD	0	0	0	0	0	0	0	0	37.5	39.1	12.9	0
	From IO	0	0	0	0	0	0	0	0	198.0	210.5	85.8	0
	Water Generated	0	0	0	0	0	0	0	0	519.9	469.1	167.4	0
	Proj Obligation	0	0	0	0	0	0	0	0	95.1	207.9	33.6	0
	Cutoff Group	0	0	0	0	0	0	0	0	8.0	8.0	5.0	0
1973	SW (Alt 3)	0	0	0	0	0	0	0	0	421.0	598.0	119.0	0
	From Storage	0	0	0	0	0	0	0	0	275.0	0	0	0
	From DD	0	0	0	0	0	0	0	0	43.5	172.6	31.5	0
	From Friant DD	0	0	0	0	0	0	0	0	0	152.0	0	0
	From SJ DD	0	0	0	0	0	0	0	0	13.8	39.1	7.6	0
	From IO	0	0	0	0	0	0	0	0	78.8	210.5	84.2	0
	Water Generated	0	0	0	0	0	0	0	0	397.3	535.1	115.7	0
	Proj Obligation	0	0	0	0	0	0	0	0	23.7	62.9	3.3	0
	Cutoff Group	0	0	0	0	0	0	0	0	4.0	8.0	4.0	0
1974	SW (Alt 3)	0	0	0	0	0	0	0	0	0	0	0	0
	From Storage	0	0	0	0	0	0	0	0	0	0	0	0
	From DD	0	0	0	0	0	0	0	0	0	0	0	0
	From Friant DD	0	0	0	0	0	0	0	0	0	0	0	0
	From SJ DD	0	0	0	0	0	0	0	0	0	0	0	0
	From IO	0	0	0	0	0	0	0	0	0	0	0	0
	Water Generated	0	0	0	0	0	0	0	0	0	0	0	0
	Proj Obligation	0	0	0	0	0	0	0	0	0	0	0	0
	Cutoff Group	0	0	0	0	0	0	0	0	0	0	0	0
1975	SW (Alt 3)	0	0	0	0	0	0	0	0	0	75.0	0	0
	From Storage	0	0	0	0	0	0	0	0	0	0	0	0
	From DD	0	0	0	0	0	0	0	0	0	26.9	0	0
	From Friant DD	0	0	0	0	0	0	0	0	0	0	0	0
	From SJ DD	0	0	0	0	0	0	0	0	0	10.5	0	0
	From IO	0	0	0	0	0	0	0	0	0	11.5	0	0
	Water Generated	0	0	0	0	0	0	0	0	0	38.4	0	0
	Proj Obligation	0	0	0	0	0	0	0	0	0	36.6	0	0
	Cutoff Group	0	0	0	0	0	0	0	0	0	2.0	0	0

Alternative 3
Allocation of Supplemental Water for Delta Outflow

Year		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1976	SW (Alt 3)	0	0	0	0	0	0	0	79.0	690.0	489.0	34.0	0
	From Storage	0	0	0	0	0	0	0	58.0	7.0	0	0	0
	From DD	0	0	0	0	0	0	0	19.0	154.9	172.6	19.7	0
	From Friant DD	0	0	0	0	0	0	0	0	57.0	49.0	0	0
	From SJ DD	0	0	0	0	0	0	0	9.8	37.5	39.1	4.6	0
	From IO	0	0	0	0	0	0	0	0.5	430.8	168.7	0.6	0
	Water Generated	0	0	0	0	0	0	0	77.5	649.7	390.3	20.3	0
	Proj Obligation	0	0	0	0	0	0	0	1.5	40.3	98.7	13.7	0
	Cutoff Group	0	0	0	0	0	0	0	2.0	9.0	8.0	2.0	0
1977	SW (Alt 3)	0	0	0	0	189.0	0	311.0	116.0	516.0	420.0	126.0	0
	From Storage	0	0	0	0	9.0	0	38.0	42.0	22.0	7.0	0	0
	From DD	0	0	0	0	0.6	0	49.6	25.9	154.9	172.6	31.5	0
	From Friant DD	0	0	0	0	11.0	0	1.0	0	57.0	56.0	0	0
	From SJ DD	0	0	0	0	0.5	0	19.5	10.5	37.5	39.1	7.6	0
	From IO	0	0	0	0	3.7	0	203.0	0.5	173.8	168.3	56.1	0
	Water Generated	0	0	0	0	24.3	0	291.6	68.4	407.7	403.9	87.6	0
	Proj Obligation	0	0	0	0	164.7	0	19.4	47.6	108.3	16.1	38.4	0
	Cutoff Group	0	0	0	0	9.0	0	9.0	3.0	8.0	8.0	4.0	0
1978	SW (Alt 3)	41.0	0	0	0	0	0	0	0	0	443.0	189.0	0
	From Storage	0	0	0	0	0	0	0	0	0	84.0	0	0
	From DD	5.4	0	0	0	0	0	0	0	0	166.2	81.6	0
	From Friant DD	0	0	0	0	0	0	0	0	0	0	0	0
	From SJ DD	0.9	0	0	0	0	0	0	0	0	39.1	12.9	0
	From IO	6.3	0	0	0	0	0	0	0	0	122.7	85.8	0
	Water Generated	11.7	0	0	0	0	0	0	0	0	372.9	167.4	0
	Proj Obligation	29.3	0	0	0	0	0	0	0	0	70.1	21.6	0
	Cutoff Group	3.0	0	0	0	0	0	0	0	0	7.0	5.0	0
1979	SW (Alt 3)	0	0	0	0	0	0	0	0	636.0	520.0	101.0	0
	From Storage	0	0	0	0	0	0	0	0	145.0	0	0	0
	From DD	0	0	0	0	0	0	0	0	149.2	172.6	19.7	0
	From Friant DD	0	0	0	0	0	0	0	0	0	133.0	0	0
	From SJ DD	0	0	0	0	0	0	0	0	37.5	39.1	4.6	0
	From IO	0	0	0	0	0	0	0	0	112.9	210.5	10.9	0
	Water Generated	0	0	0	0	0	0	0	0	407.1	516.1	30.6	0
	Proj Obligation	0	0	0	0	0	0	0	0	228.9	3.9	70.4	0
	Cutoff Group	0	0	0	0	0	0	0	0	7.0	8.0	2.0	0
1980	SW (Alt 3)	0	0	0	0	0	0	0	0	0	223.0	75.0	0
	From Storage	0	0	0	0	0	0	0	0	0	0	0	0
	From DD	0	0	0	0	0	0	0	0	0	119.6	19.7	0
	From Friant DD	0	0	0	0	0	0	0	0	0	0	0	0
	From SJ DD	0	0	0	0	0	0	0	0	0	20.5	4.6	0
	From IO	0	0	0	0	0	0	0	0	0	89.2	10.9	0
	Water Generated	0	0	0	0	0	0	0	0	0	208.8	30.6	0
	Proj Obligation	0	0	0	0	0	0	0	0	0	14.2	44.4	0
	Cutoff Group	0	0	0	0	0	0	0	0	0	5.0	2.0	0
1981	SW (Alt 3)	0	0	0	0	0	0	0	0	699.0	639.0	206.0	0
	From Storage	0	0	0	0	0	0	0	0	10.0	0	0	0
	From DD	0	0	0	0	0	0	0	0	154.9	172.6	81.6	0
	From Friant DD	0	0	0	0	0	0	0	0	105.0	92.0	0	0
	From SJ DD	0	0	0	0	0	0	0	0	37.5	39.1	12.9	0
	From IO	0	0	0	0	0	0	0	0	198.0	210.5	85.8	0
	Water Generated	0	0	0	0	0	0	0	0	467.9	475.1	167.4	0
	Proj Obligation	0	0	0	0	0	0	0	0	231.1	163.9	38.6	0
	Cutoff Group	0	0	0	0	0	0	0	0	8.0	8.0	5.0	0

Alternative 3
Allocation of Supplemental Water for Delta Outflow

Year		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1982	SW (Alt 3)	0	0	0	0	0	0	0	0	0	0	0	0
	From Storage	0	0	0	0	0	0	0	0	0	0	0	0
	From DD	0	0	0	0	0	0	0	0	0	0	0	0
	From Friant DD	0	0	0	0	0	0	0	0	0	0	0	0
	From SJ DD	0	0	0	0	0	0	0	0	0	0	0	0
	From IO	0	0	0	0	0	0	0	0	0	0	0	0
	Water Generated	0	0	0	0	0	0	0	0	0	0	0	0
	Proj Obligation	0	0	0	0	0	0	0	0	0	0	0	0
	Cutoff Group	0	0	0	0	0	0	0	0	0	0	0	0
1983	SW (Alt 3)	0	0	0	0	0	0	0	0	0	0	0	0
	From Storage	0	0	0	0	0	0	0	0	0	0	0	0
	From DD	0	0	0	0	0	0	0	0	0	0	0	0
	From Friant DD	0	0	0	0	0	0	0	0	0	0	0	0
	From SJ DD	0	0	0	0	0	0	0	0	0	0	0	0
	From IO	0	0	0	0	0	0	0	0	0	0	0	0
	Water Generated	0	0	0	0	0	0	0	0	0	0	0	0
	Proj Obligation	0	0	0	0	0	0	0	0	0	0	0	0
	Cutoff Group	0	0	0	0	0	0	0	0	0	0	0	0
1984	SW (Alt 3)	0	0	0	0	0	0	0	0	191.0	495.0	0	0
	From Storage	0	0	0	0	0	0	0	0	92.0	0	0	0
	From DD	0	0	0	0	0	0	0	0	37.4	166.2	0	0
	From Friant DD	0	0	0	0	0	0	0	0	0	0	0	0
	From SJ DD	0	0	0	0	0	0	0	0	11.2	39.1	0	0
	From IO	0	0	0	0	0	0	0	0	9.8	122.7	0	0
	Water Generated	0	0	0	0	0	0	0	0	139.2	288.9	0	0
	Proj Obligation	0	0	0	0	0	0	0	0	51.8	206.1	0	0
	Cutoff Group	0	0	0	0	0	0	0	0	3.0	7.0	0	0
1985	SW (Alt 3)	0	0	0	0	0	0	0	275.0	763.0	655.0	261.0	0
	From Storage	0	0	0	0	0	0	0	147.0	18.0	0	0	0
	From DD	0	0	0	0	0	0	0	29.9	154.9	172.6	115.3	0
	From Friant DD	0	0	0	0	0	0	0	0	99.0	68.0	0	0
	From SJ DD	0	0	0	0	0	0	0	12.4	37.5	39.1	28.2	0
	From IO	0	0	0	0	0	0	0	67.4	460.3	210.5	113.6	0
	Water Generated	0	0	0	0	0	0	0	244.3	732.2	451.1	228.9	0
	Proj Obligation	0	0	0	0	0	0	0	30.7	30.8	203.9	32.1	0
	Cutoff Group	0	0	0	0	0	0	0	4.0	9.0	8.0	7.0	0
1986	SW (Alt 3)	0	0	0	0	0	0	0	0	41.0	582.0	163.0	0
	From Storage	0	0	0	0	0	0	0	0	0	0	0	0
	From DD	0	0	0	0	0	0	0	0	0	166.2	31.5	0
	From Friant DD	0	0	0	0	0	0	0	0	0	0	0	0
	From SJ DD	0	0	0	0	0	0	0	0	0	39.1	7.6	0
	From IO	0	0	0	0	0	0	0	0	0	122.7	84.2	0
	Water Generated	0	0	0	0	0	0	0	0	0	288.9	115.7	0
	Proj Obligation	0	0	0	0	0	0	0	0	41.0	293.1	47.3	0
	Cutoff Group	0	0	0	0	0	0	0	0	(0)	7.0	4.0	0
1987	SW (Alt 3)	0	0	0	0	0	0	0	228.0	971.0	666.0	369.0	0
	From Storage	0	0	0	0	0	0	0	59.0	5.0	0	0	0
	From DD	0	0	0	0	0	0	0	68.7	154.9	172.6	119.9	0
	From Friant DD	0	0	0	0	0	0	0	0	90.0	94.0	103.0	0
	From SJ DD	0	0	0	0	0	0	0	16.7	37.5	39.1	28.2	0
	From IO	0	0	0	0	0	0	0	69.4	432.2	178.3	143.0	0
	Water Generated	0	0	0	0	0	0	0	197.1	682.1	444.9	365.9	0
	Proj Obligation	0	0	0	0	0	0	0	30.9	288.9	221.1	3.1	0
	Cutoff Group	0	0	0	0	0	0	0	5.0	9.0	8.0	8.0	0

Alternative 3
Allocation of Supplemental Water for Delta Outflow

Year		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1988	SW (Alt 3)	0	0	0	0	0	0	0	12.0	505.0	608.0	332.0	0
	From Storage	0	0	0	0	0	0	0	0	13.0	1.0	0	0
	From DD	0	0	0	0	0	0	0	0	154.9	172.6	119.9	0
	From Friant DD	0	0	0	0	0	0	0	0	89.0	91.0	61.0	0
	From SJ DD	0	0	0	0	0	0	0	0	37.5	39.1	28.2	0
	From IO	0	0	0	0	0	0	0	0	174.9	178.3	143.0	0
	Water Generated	0	0	0	0	0	0	0	0	431.8	442.9	323.9	0
	Proj Obligation	0	0	0	0	0	0	0	12.0	73.2	165.1	8.1	0
	Cutoff Group	0	0	0	0	0	0	0	(0)	8.0	8.0	8.0	0
1989	SW (Alt 3)	0	0	0	0	0	0	0	31.0	527.0	579.0	166.0	0
	From Storage	0	0	0	0	0	0	0	0	106.0	0	1.0	0
	From DD	0	0	0	0	0	0	0	0	149.2	172.6	81.6	0
	From Friant DD	0	0	0	0	0	0	0	0	0	96.0	0	0
	From SJ DD	0	0	0	0	0	0	0	0	37.5	39.1	12.9	0
	From IO	0	0	0	0	0	0	0	0	90.1	178.3	57.2	0
	Water Generated	0	0	0	0	0	0	0	0	345.3	446.9	139.8	0
	Proj Obligation	0	0	0	0	0	0	0	31.0	181.7	132.1	26.2	0
	Cutoff Group	0	0	0	0	0	0	0	(0)	7.0	8.0	5.0	0
1990	SW (Alt 3)	0	0	0	0	0	0	70.0	0	427.0	614.0	282.0	0
	From Storage	0	0	0	0	0	0	0	0	52.0	3.0	5.0	0
	From DD	0	0	0	0	0	0	0	0	149.2	172.6	115.3	0
	From Friant DD	0	0	0	0	0	0	0	0	0	112.0	0	0
	From SJ DD	0	0	0	0	0	0	0	0	37.5	39.1	28.2	0
	From IO	0	0	0	0	0	0	0	0	90.1	178.3	78.1	0
	Water Generated	0	0	0	0	0	0	0	0	291.3	465.9	198.4	0
	Proj Obligation	0	0	0	0	0	0	70.0	0	135.7	148.1	83.6	0
	Cutoff Group	0	0	0	0	0	0	(0)	0	7.0	8.0	7.0	0
1991	SW (Alt 3)	0	0	0	0	75.0	0	0	0	192.0	307.0	121.0	0
	From Storage	0	0	0	0	5.0	0	0	0	166.0	0	0	0
	From DD	0	0	0	0	0.6	0	0	0	20.2	166.2	31.5	0
	From Friant DD	0	0	0	0	12.0	0	0	0	0	0	0	0
	From SJ DD	0	0	0	0	0.5	0	0	0	3.7	39.1	7.6	0
	From IO	0	0	0	0	3.7	0	0	0	0.8	88.1	56.2	0
	Water Generated	0	0	0	0	21.3	0	0	0	187.0	254.3	87.7	0
	Proj Obligation	0	0	0	0	53.7	0	0	0	5.0	52.7	33.3	0
	Cutoff Group	0	0	0	0	9.0	0	0	0	1.0	7.0	4.0	0
1992	SW (Alt 3)	0	0	0	0	0	0	0	143.0	500.0	418.0	269.0	0
	From Storage	0	0	0	0	0	0	0	103.0	13.0	4.0	0	0
	From DD	0	0	0	0	0	0	0	25.9	154.9	172.6	115.3	0
	From Friant DD	0	0	0	0	0	0	0	0	24.0	45.0	0	0
	From SJ DD	0	0	0	0	0	0	0	10.5	37.5	39.1	28.2	0
	From IO	0	0	0	0	0	0	0	0.5	174.4	168.7	75.2	0
	Water Generated	0	0	0	0	0	0	0	129.4	366.3	390.3	190.5	0
	Proj Obligation	0	0	0	0	0	0	0	13.6	133.7	27.7	78.5	0
	Cutoff Group	0	0	0	0	0	0	0	3.0	8.0	8.0	7.0	0
1993	SW (Alt 3)	0	0	0	0	0	0	0	0	0	367.0	7.0	0
	From Storage	0	0	0	0	0	0	0	0	0	0	0	0
	From DD	0	0	0	0	0	0	0	0	0	166.2	0	0
	From Friant DD	0	0	0	0	0	0	0	0	0	0	0	0
	From SJ DD	0	0	0	0	0	0	0	0	0	39.1	0	0
	From IO	0	0	0	0	0	0	0	0	0	122.7	0	0
	Water Generated	0	0	0	0	0	0	0	0	0	288.9	0	0
	Proj Obligation	0	0	0	0	0	0	0	0	0	78.1	7.0	0
	Cutoff Group	0	0	0	0	0	0	0	0	0	7.0	(0)	0

Alternative 3
Allocation of Supplemental Water for Delta Outflow

Year		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1994	SW (Alt 3)	0	0	0	0	0	0	0	0	685.0	455.0	177.0	0
	From Storage	0	0	0	0	0	0	0	0	13.0	0	0	0
	From DD	0	0	0	0	0	0	0	0	154.9	172.6	81.6	0
	From Friant DD	0	0	0	0	0	0	0	0	104.0	96.0	0	0
	From SJ DD	0	0	0	0	0	0	0	0	37.5	39.1	12.9	0
	From IO	0	0	0	0	0	0	0	0	174.4	168.7	57.8	0
	Water Generated	0	0	0	0	0	0	0	0	446.3	437.3	139.4	0
	Proj Obligation	0	0	0	0	0	0	0	0	238.7	17.7	37.6	0
	Cutoff Group	0	0	0	0	0	0	0	0	8.0	8.0	5.0	0

Alternative 4
Allocation of Supplemental Water for Vernalis Objective

Year		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1922	SW (Vernalis)	0	x	x	x	0	0	7.2	0	0	x	x	x
	Right #	0	x	x	x	0	0	11.0	0	0	x	x	x
	From DD	0	x	x	x	0	0	0.3	0	0	x	x	x
	From IO(8)	0	x	x	x	0	0	0	0	0	x	x	x
	From IO(9)	0	x	x	x	0	0	0	0	0	x	x	x
	Friant Oblig at NM	0	x	x	x	0	0	0	0	0	x	x	x
	From Melones	0	x	x	x	0	0	0	0	0	x	x	x
	Melones for Vern	0	x	x	x	0	0	0	0	0	x	x	x
	NM avail for FOv	0	x	x	x	0	0	0	0	0	x	x	x
	From Hensley	0	x	x	x	0	0	13.0	0	0	x	x	x
	Hensley for Vern	0	x	x	x	0	0	6.7	0	0	x	x	x
	Hensley for DO	0	x	x	x	0	0	6.3	0	0	x	x	x
	From Eastman	0	x	x	x	0	0	0	0	0	x	x	x
	Eastman for Vern	0	x	x	x	0	0	0	0	0	x	x	x
	Eastman for DO	0	x	x	x	0	0	0	0	0	x	x	x
	From McClure	0	x	x	x	0	0	0	0	0	x	x	x
	McClure for Vern	0	x	x	x	0	0	0	0	0	x	x	x
	McClure for DO	0	x	x	x	0	0	0	0	0	x	x	x
	From Don Pedro	0	x	x	x	0	0	0	0	0	x	x	x
	Don Pedro for Vern	0	x	x	x	0	0	0	0	0	x	x	x
	Don Pedro for DO	0	x	x	x	0	0	0	0	0	x	x	x
	Storage avail for DO	0	x	x	x	0	0	6.3	0	0	x	x	x
	Water Generated	0	x	x	x	0	0	7.0	0	0	x	x	x
1923	SW (Vernalis)	0	x	x	x	0	52.0	0	39.1	0	x	x	x
	Right #	0	x	x	x	0	12.0	0	8.0	0	x	x	x
	From DD	0	x	x	x	0	0.2	0	0.5	0	x	x	x
	From IO(8)	0	x	x	x	0	0	0	0	0	x	x	x
	From IO(9)	0	x	x	x	0	0	0	0	0	x	x	x
	Friant Oblig at NM	0	x	x	x	0	0.0	0	0	0	x	x	x
	From Melones	0	x	x	x	0	42.0	0	98.0	0	x	x	x
	Melones for Vern	0	x	x	x	0	42.0	0	38.5	0	x	x	x
	NM avail for FOv	0	x	x	x	0	0	0	59.5	0	x	x	x
	From Hensley	0	x	x	x	0	5.0	0	0	0	x	x	x
	Hensley for Vern	0	x	x	x	0	5.0	0	0	0	x	x	x
	Hensley for DO	0	x	x	x	0	0	0	0	0	x	x	x
	From Eastman	0	x	x	x	0	5.0	0	0	0	x	x	x
	Eastman for Vern	0	x	x	x	0	4.8	0	0	0	x	x	x
	Eastman for DO	0	x	x	x	0	0.2	0	0	0	x	x	x
	From McClure	0	x	x	x	0	0	0	0	0	x	x	x
	McClure for Vern	0	x	x	x	0	0	0	0	0	x	x	x
	McClure for DO	0	x	x	x	0	0	0	0	0	x	x	x
	From Don Pedro	0	x	x	x	0	0	0	0	0	x	x	x
	Don Pedro for Vern	0	x	x	x	0	0	0	0	0	x	x	x
	Don Pedro for DO	0	x	x	x	0	0	0	0	0	x	x	x
	Storage avail for DO	0	x	x	x	0	0.2	0	59.5	0	x	x	x
	Water Generated	0	x	x	x	0	52.0	0	39.0	0	x	x	x
1924	SW (Vernalis)	0	x	x	x	0	0	7.0	27.0	0	x	x	x
	Right #	0	x	x	x	0	0	16.0	59.0	0	x	x	x
	From DD	0	x	x	x	0	0	1.1	16.8	0	x	x	x
	From IO(8)	0	x	x	x	0	0	0	0	0	x	x	x
	From IO(9)	0	x	x	x	0	0	0	0	0	x	x	x
	Friant Oblig at NM	0	x	x	x	0	0	0.0	0	0	x	x	x
	From Melones	0	x	x	x	0	0	0	0	0	x	x	x
	Melones for Vern	0	x	x	x	0	0	0	0	0	x	x	x
	NM avail for FOv	0	x	x	x	0	0	0	0	0	x	x	x
	From Hensley	0	x	x	x	0	0	4.0	0	0	x	x	x
	Hensley for Vern	0	x	x	x	0	0	4.0	0	0	x	x	x
	Hensley for DO	0	x	x	x	0	0	0	0	0	x	x	x
	From Eastman	0	x	x	x	0	0	0	0	0	x	x	x
	Eastman for Vern	0	x	x	x	0	0	0	0	0	x	x	x
	Eastman for DO	0	x	x	x	0	0	0	0	0	x	x	x
	From McClure	0	x	x	x	0	0	9.0	11.0	0	x	x	x
	McClure for Vern	0	x	x	x	0	0	1.9	11.0	0	x	x	x
	McClure for DO	0	x	x	x	0	0	7.1	0	0	x	x	x
	From Don Pedro	0	x	x	x	0	0	0	0	0	x	x	x
	Don Pedro for Vern	0	x	x	x	0	0	0	0	0	x	x	x
	Don Pedro for DO	0	x	x	x	0	0	0	0	0	x	x	x
	Storage avail for DO	0	x	x	x	0	0	7.1	0	0	x	x	x
	Water Generated	0	x	x	x	0	0	7.0	27.8	0	x	x	x
1925	SW (Vernalis)	27.0	x	x	x	0	0	0	7.0	0	x	x	x
	Right #	72+	x	x	x	0	0	0	8.0	0	x	x	x
	From DD	3.6	x	x	x	0	0	0	0.5	0	x	x	x

Alternative 4
Allocation of Supplemental Water for Vernalis Objective

Year		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
	From IO(8)	4.0	x	x	x	0	0	0	0	0	x	x	x
	From IO(9)	25.0	x	x	x	0	0	0	0	0	x	x	x
	Friant Oblig at NM	23.4	x	x	x	0	0	0	0.0	0	x	x	x
	From Melones	0	x	x	x	0	0	0	147.0	0	x	x	x
	Melones for Vern	0	x	x	x	0	0	0	6.5	0	x	x	x
	NM avail for FOv	0	x	x	x	0	0	0	140.5	0	x	x	x
	From Hensley	0	x	x	x	0	0	0	0	0	x	x	x
	Hensley for Vern	0	x	x	x	0	0	0	0	0	x	x	x
	Hensley for DO	0	x	x	x	0	0	0	0	0	x	x	x
	From Eastman	0	x	x	x	0	0	0	0	0	x	x	x
	Eastman for Vern	0	x	x	x	0	0	0	0	0	x	x	x
	Eastman for DO	0	x	x	x	0	0	0	0	0	x	x	x
	From McClure	0	x	x	x	0	0	0	0	0	x	x	x
	McClure for Vern	0	x	x	x	0	0	0	0	0	x	x	x
	McClure for DO	0	x	x	x	0	0	0	0	0	x	x	x
	From Don Pedro	0	x	x	x	0	0	0	0	0	x	x	x
	Don Pedro for Vern	0	x	x	x	0	0	0	0	0	x	x	x
	Don Pedro for DO	0	x	x	x	0	0	0	0	0	x	x	x
	Storage avail for DO	0	x	x	x	0	0	0	140.5	0	x	x	x
	Water Generated	27.0	x	x	x	0	0	0	7.0	0	x	x	x
1926	SW (Vernalis)	10.3	x	x	x	0	32.0	0	18.0	8.0	x	x	x
	Right #	72.0	x	x	x	0	8.0	0	21.0	24.0	x	x	x
	From DD	3.6	x	x	x	0	0.2	0	3.2	9.2	x	x	x
	From IO(8)	6.0	x	x	x	0	0	0	0	0	x	x	x
	From IO(9)	0	x	x	x	0	0	0	0	0	x	x	x
	Friant Oblig at NM	6.7	x	x	x	0	0.0	0	0.0	0	x	x	x
	From Melones	0	x	x	x	0	47.0	0	0	0	x	x	x
	Melones for Vern	0	x	x	x	0	31.8	0	0	0	x	x	x
	NM avail for FOv	0	x	x	x	0	15.2	0	0	0	x	x	x
	From Hensley	0	x	x	x	0	0	0	5.0	0	x	x	x
	Hensley for Vern	0	x	x	x	0	0	0	5.0	0	x	x	x
	Hensley for DO	0	x	x	x	0	0	0	0	0	x	x	x
	From Eastman	0	x	x	x	0	0	0	0	0	x	x	x
	Eastman for Vern	0	x	x	x	0	0	0	0	0	x	x	x
	Eastman for DO	0	x	x	x	0	0	0	0	0	x	x	x
	From McClure	0	x	x	x	0	0	0	0	0	x	x	x
	McClure for Vern	0	x	x	x	0	0	0	0	0	x	x	x
	McClure for DO	0	x	x	x	0	0	0	0	0	x	x	x
	From Don Pedro	0	x	x	x	0	0	0	128.0	0	x	x	x
	Don Pedro for Vern	0	x	x	x	0	0	0	9.8	0	x	x	x
	Don Pedro for DO	0	x	x	x	0	0	0	118.2	0	x	x	x
	Storage avail for DO	0	x	x	x	0	15.2	0	118.2	0	x	x	x
	Water Generated	10.3	x	x	x	0	32.0	0	18.0	9.2	x	x	x
1927	SW (Vernalis)	0	x	x	x	0	0	0	0	3.1	x	x	x
	Right #	0	x	x	x	0	0	0	0	8.0	x	x	x
	From DD	0	x	x	x	0	0	0	0	0.5	x	x	x
	From IO(8)	0	x	x	x	0	0	0	0	0	x	x	x
	From IO(9)	0	x	x	x	0	0	0	0	0	x	x	x
	Friant Oblig at NM	0	x	x	x	0	0	0	0	0	x	x	x
	From Melones	0	x	x	x	0	0	0	0	21.0	x	x	x
	Melones for Vern	0	x	x	x	0	0	0	0	2.5	x	x	x
	NM avail for FOv	0	x	x	x	0	0	0	0	18.5	x	x	x
	From Hensley	0	x	x	x	0	0	0	0	0	x	x	x
	Hensley for Vern	0	x	x	x	0	0	0	0	0	x	x	x
	Hensley for DO	0	x	x	x	0	0	0	0	0	x	x	x
	From Eastman	0	x	x	x	0	0	0	0	0	x	x	x
	Eastman for Vern	0	x	x	x	0	0	0	0	0	x	x	x
	Eastman for DO	0	x	x	x	0	0	0	0	0	x	x	x
	From McClure	0	x	x	x	0	0	0	0	0	x	x	x
	McClure for Vern	0	x	x	x	0	0	0	0	0	x	x	x
	McClure for DO	0	x	x	x	0	0	0	0	0	x	x	x
	From Don Pedro	0	x	x	x	0	0	0	0	0	x	x	x
	Don Pedro for Vern	0	x	x	x	0	0	0	0	0	x	x	x
	Don Pedro for DO	0	x	x	x	0	0	0	0	0	x	x	x
	Storage avail for DO	0	x	x	x	0	0	0	0	18.5	x	x	x
	Water Generated	0	x	x	x	0	0	0	0	3.0	x	x	x

Alternative 4
Allocation of Supplemental Water for Vernalis Objective

Year		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	
1928	SW (Vernalis)	0	x	x	x	0	0	5.0	74.0	2.0	x	x	x	
	Right #	0	x	x	x	0	0	8.0	16.0	18.0	x	x	x	
	From DD	0	x	x	x	0	0	0.3	1.4	2.5	x	x	x	
	From IO(8)	0	x	x	x	0	0	0	0	0	x	x	x	
	From IO(9)	0	x	x	x	0	0	0	0	0	x	x	x	
	Friant Oblig at NM	0	x	x	x	0	0	0.0	0.0	0	x	x	x	
	From Melones	0	x	x	x	0	0	17.0	70.0	0	x	x	x	
	Melones for Vern	0	x	x	x	0	0	4.7	70.0	0	x	x	x	
	NM avail for FOv	0	x	x	x	0	0	12.3	0	0	x	x	x	
	From Hensley	0	x	x	x	0	0	0	0	0	x	x	x	
	Hensley for Vern	0	x	x	x	0	0	0	0	0	x	x	x	
	Hensley for DO	0	x	x	x	0	0	0	0	0	x	x	x	
	From Eastman	0	x	x	x	0	0	0	0	0	x	x	x	
	Eastman for Vern	0	x	x	x	0	0	0	0	0	x	x	x	
	Eastman for DO	0	x	x	x	0	0	0	0	0	x	x	x	
	From McClure	0	x	x	x	0	0	0	78.0	0	x	x	x	
	McClure for Vern	0	x	x	x	0	0	0	2.6	0	x	x	x	
	McClure for DO	0	x	x	x	0	0	0	75.4	0	x	x	x	
	From Don Pedro	0	x	x	x	0	0	0	0	0	x	x	x	
	Don Pedro for Vern	0	x	x	x	0	0	0	0	0	x	x	x	
	Don Pedro for DO	0	x	x	x	0	0	0	0	0	x	x	x	
	Storage avail for DO	0	x	x	x	0	0	12.3	75.4	0	x	x	x	
	Water Generated	0	x	x	x	0	0	5.0	74.0	2.5	x	x	x	
	1929	SW (Vernalis)	8.0	x	x	x	0	0	0	20.0	0	x	x	x
		Right #	71.0	x	x	x	0	0	0	16.0	0	x	x	x
		From DD	3.6	x	x	x	0	0	0	1.4	0	x	x	x
From IO(8)		4.0	x	x	x	0	0	0	0	0	x	x	x	
From IO(9)		0	x	x	x	0	0	0	0	0	x	x	x	
Friant Oblig at NM		2.4	x	x	x	0	0	0	0.0	0	x	x	x	
From Melones		2.0	x	x	x	0	0	0	0	0	x	x	x	
Melones for Vern		2.0	x	x	x	0	0	0	0	0	x	x	x	
NM avail for FOv		0	x	x	x	0	0	0	0	0	x	x	x	
From Hensley		0	x	x	x	0	0	0	6.0	0	x	x	x	
Hensley for Vern		0	x	x	x	0	0	0	6.0	0	x	x	x	
Hensley for DO		0	x	x	x	0	0	0	0	0	x	x	x	
From Eastman		0	x	x	x	0	0	0	0	0	x	x	x	
Eastman for Vern		0	x	x	x	0	0	0	0	0	x	x	x	
Eastman for DO		0	x	x	x	0	0	0	0	0	x	x	x	
From McClure		0	x	x	x	0	0	0	21.0	0	x	x	x	
McClure for Vern		0	x	x	x	0	0	0	12.6	0	x	x	x	
McClure for DO		0	x	x	x	0	0	0	8.4	0	x	x	x	
From Don Pedro		0	x	x	x	0	0	0	0	0	x	x	x	
Don Pedro for Vern		0	x	x	x	0	0	0	0	0	x	x	x	
Don Pedro for DO		0	x	x	x	0	0	0	0	0	x	x	x	
Storage avail for DO		0	x	x	x	0	0	0	8.4	0	x	x	x	
Water Generated		8.0	x	x	x	0	0	0	20.0	0	x	x	x	
1930		SW (Vernalis)	24.0	x	x	x	0	0	0	0	0	x	x	x
		Right #	72+	x	x	x	0	0	0	0	0	x	x	x
		From DD	3.6	x	x	x	0	0	0	0	0	x	x	x
	From IO(8)	3.0	x	x	x	0	0	0	0	0	x	x	x	
	From IO(9)	26.0	x	x	x	0	0	0	0	0	x	x	x	
	Friant Oblig at NM	17.4	x	x	x	0	0	0	0	0	x	x	x	
	From Melones	3.0	x	x	x	0	0	0	0	0	x	x	x	
	Melones for Vern	3.0	x	x	x	0	0	0	0	0	x	x	x	
	NM avail for FOv	0	x	x	x	0	0	0	0	0	x	x	x	
	From Hensley	0	x	x	x	0	0	0	0	0	x	x	x	
	Hensley for Vern	0	x	x	x	0	0	0	0	0	x	x	x	
	Hensley for DO	0	x	x	x	0	0	0	0	0	x	x	x	
	From Eastman	0	x	x	x	0	0	0	0	0	x	x	x	
	Eastman for Vern	0	x	x	x	0	0	0	0	0	x	x	x	
	Eastman for DO	0	x	x	x	0	0	0	0	0	x	x	x	
	From McClure	0	x	x	x	0	0	0	0	0	x	x	x	
	McClure for Vern	0	x	x	x	0	0	0	0	0	x	x	x	
	McClure for DO	0	x	x	x	0	0	0	0	0	x	x	x	
	From Don Pedro	0	x	x	x	0	0	0	0	0	x	x	x	
	Don Pedro for Vern	0	x	x	x	0	0	0	0	0	x	x	x	
	Don Pedro for DO	0	x	x	x	0	0	0	0	0	x	x	x	
	Storage avail for DO	0	x	x	x	0	0	0	0	0	x	x	x	
	Water Generated	24.0	x	x	x	0	0	0	0	0	x	x	x	

Alternative 4
Allocation of Supplemental Water for Vernalis Objective

Year		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	
1931	SW (Vernalis)	0	x	x	x	0	0	17.0	25.0	0	x	x	x	
	Right #	0	x	x	x	0	0	24.0	53.0	0	x	x	x	
	From DD	0	x	x	x	0	0	7.5	12.4	0	x	x	x	
	From IO(8)	0	x	x	x	0	0	0	0	0	x	x	x	
	From IO(9)	0	x	x	x	0	0	0	0	0	x	x	x	
	Friant Oblig at NM	0	x	x	x	0	0	0	0	0	x	x	x	
	From Melones	0	x	x	x	0	0	0	0	0	x	x	x	
	Melones for Vern	0	x	x	x	0	0	0	0	0	x	x	x	
	NM avail for FOv	0	x	x	x	0	0	0	0	0	x	x	x	
	From Hensley	0	x	x	x	0	0	0	0	0	x	x	x	
	Hensley for Vern	0	x	x	x	0	0	0	0	0	x	x	x	
	Hensley for DO	0	x	x	x	0	0	0	0	0	x	x	x	
	From Eastman	0	x	x	x	0	0	0	0	0	x	x	x	
	Eastman for Vern	0	x	x	x	0	0	0	0	0	x	x	x	
	Eastman for DO	0	x	x	x	0	0	0	0	0	x	x	x	
	From McClure	0	x	x	x	0	0	13.0	13.0	0	x	x	x	
	McClure for Vern	0	x	x	x	0	0	13.0	13.0	0	x	x	x	
	McClure for DO	0	x	x	x	0	0	0	0	0	x	x	x	
	From Don Pedro	0	x	x	x	0	0	0	0	0	x	x	x	
	Don Pedro for Vern	0	x	x	x	0	0	0	0	0	x	x	x	
	Don Pedro for DO	0	x	x	x	0	0	0	0	0	x	x	x	
	Storage avail for DO	0	x	x	x	0	0	0	0	0	x	x	x	
	Water Generated	0	x	x	x	0	0	20.5	25.4	0	x	x	x	
	1932	SW (Vernalis)	0	x	x	x	0	0	0	0	0	x	x	x
		Right #	0	x	x	x	0	0	0	0	0	x	x	x
		From DD	0	x	x	x	0	0	0	0	0	x	x	x
		From IO(8)	0	x	x	x	0	0	0	0	0	x	x	x
From IO(9)		0	x	x	x	0	0	0	0	0	x	x	x	
Friant Oblig at NM		0	x	x	x	0	0	0	0	0	x	x	x	
From Melones		0	x	x	x	0	0	0	0	0	x	x	x	
Melones for Vern		0	x	x	x	0	0	0	0	0	x	x	x	
NM avail for FOv		0	x	x	x	0	0	0	0	0	x	x	x	
From Hensley		0	x	x	x	0	0	0	0	0	x	x	x	
Hensley for Vern		0	x	x	x	0	0	0	0	0	x	x	x	
Hensley for DO		0	x	x	x	0	0	0	0	0	x	x	x	
From Eastman		0	x	x	x	0	0	0	0	0	x	x	x	
Eastman for Vern		0	x	x	x	0	0	0	0	0	x	x	x	
Eastman for DO		0	x	x	x	0	0	0	0	0	x	x	x	
From McClure		0	x	x	x	0	0	0	0	0	x	x	x	
McClure for Vern		0	x	x	x	0	0	0	0	0	x	x	x	
McClure for DO		0	x	x	x	0	0	0	0	0	x	x	x	
From Don Pedro		0	x	x	x	0	0	0	0	0	x	x	x	
Don Pedro for Vern		0	x	x	x	0	0	0	0	0	x	x	x	
Don Pedro for DO		0	x	x	x	0	0	0	0	0	x	x	x	
Storage avail for DO		0	x	x	x	0	0	0	0	0	x	x	x	
Water Generated		0	x	x	x	0	0	0	0	0	x	x	x	
1933		SW (Vernalis)	0	x	x	x	0	0	0	0	23.0	x	x	x
		Right #	0	x	x	x	0	0	0	0	16.0	x	x	x
		From DD	0	x	x	x	0	0	0	0	1.4	x	x	x
		From IO(8)	0	x	x	x	0	0	0	0	0	x	x	x
	From IO(9)	0	x	x	x	0	0	0	0	0	x	x	x	
	Friant Oblig at NM	0	x	x	x	0	0	0	0	0.0	x	x	x	
	From Melones	0	x	x	x	0	0	0	0	0	x	x	x	
	Melones for Vern	0	x	x	x	0	0	0	0	0	x	x	x	
	NM avail for FOv	0	x	x	x	0	0	0	0	0	x	x	x	
	From Hensley	0	x	x	x	0	0	0	0	4.0	x	x	x	
	Hensley for Vern	0	x	x	x	0	0	0	0	4.0	x	x	x	
	Hensley for DO	0	x	x	x	0	0	0	0	0	x	x	x	
	From Eastman	0	x	x	x	0	0	0	0	0	x	x	x	
	Eastman for Vern	0	x	x	x	0	0	0	0	0	x	x	x	
	Eastman for DO	0	x	x	x	0	0	0	0	0	x	x	x	
	From McClure	0	x	x	x	0	0	0	0	87.0	x	x	x	
	McClure for Vern	0	x	x	x	0	0	0	0	17.6	x	x	x	
	McClure for DO	0	x	x	x	0	0	0	0	69.4	x	x	x	
	From Don Pedro	0	x	x	x	0	0	0	0	0	x	x	x	
	Don Pedro for Vern	0	x	x	x	0	0	0	0	0	x	x	x	
	Don Pedro for DO	0	x	x	x	0	0	0	0	0	x	x	x	
	Storage avail for DO	0	x	x	x	0	0	0	0	69.4	x	x	x	
	Water Generated	0	x	x	x	0	0	0	0	23.0	x	x	x	

Alternative 4
Allocation of Supplemental Water for Vernalis Objective

Year		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	
1934	SW (Vernalis)	15.5	x	x	x	0	0	0	0	0	x	x	x	
	Right #	72+	x	x	x	0	0	0	0	0	x	x	x	
	From DD	3.6	x	x	x	0	0	0	0	0	x	x	x	
	From IO(8)	5.0	x	x	x	0	0	0	0	0	x	x	x	
	From IO(9)	25.0	x	x	x	0	0	0	0	0	x	x	x	
	Friant Oblig at NM	11.9	x	x	x	0	0	0	0	0	x	x	x	
	From Melones	4.0	x	x	x	0	0	0	0	0	x	x	x	
	Melones for Vern	0	x	x	x	0	0	0	0	0	x	x	x	
	NM avail for FOv	4.0	x	x	x	0	0	0	0	0	x	x	x	
	From Hensley	0	x	x	x	0	0	0	0	0	x	x	x	
	Hensley for Vern	0	x	x	x	0	0	0	0	0	x	x	x	
	Hensley for DO	0	x	x	x	0	0	0	0	0	x	x	x	
	From Eastman	0	x	x	x	0	0	0	0	0	x	x	x	
	Eastman for Vern	0	x	x	x	0	0	0	0	0	x	x	x	
	Eastman for DO	0	x	x	x	0	0	0	0	0	x	x	x	
	From McClure	0	x	x	x	0	0	0	0	0	x	x	x	
	McClure for Vern	0	x	x	x	0	0	0	0	0	x	x	x	
	McClure for DO	0	x	x	x	0	0	0	0	0	x	x	x	
	From Don Pedro	0	x	x	x	0	0	0	0	0	x	x	x	
	Don Pedro for Vern	0	x	x	x	0	0	0	0	0	x	x	x	
	Don Pedro for DO	0	x	x	x	0	0	0	0	0	x	x	x	
	Storage avail for DO	4.0	x	x	x	0	0	0	0	0	x	x	x	
	Water Generated	15.5	x	x	x	0	0	0	0	0	x	x	x	
	1935	SW (Vernalis)	17.0	x	x	x	0	0	0	0	0	x	x	x
		Right #	72+	x	x	x	0	0	0	0	0	x	x	x
		From DD	3.6	x	x	x	0	0	0	0	0	x	x	x
From IO(8)		5.0	x	x	x	0	0	0	0	0	x	x	x	
From IO(9)		28.0	x	x	x	0	0	0	0	0	x	x	x	
Friant Oblig at NM		13.4	x	x	x	0	0	0	0	0	x	x	x	
From Melones		0	x	x	x	0	0	0	0	0	x	x	x	
Melones for Vern		0	x	x	x	0	0	0	0	0	x	x	x	
NM avail for FOv		0	x	x	x	0	0	0	0	0	x	x	x	
From Hensley		0	x	x	x	0	0	0	0	0	x	x	x	
Hensley for Vern		0	x	x	x	0	0	0	0	0	x	x	x	
Hensley for DO		0	x	x	x	0	0	0	0	0	x	x	x	
From Eastman		0	x	x	x	0	0	0	0	0	x	x	x	
Eastman for Vern		0	x	x	x	0	0	0	0	0	x	x	x	
Eastman for DO		0	x	x	x	0	0	0	0	0	x	x	x	
From McClure		0	x	x	x	0	0	0	0	0	x	x	x	
McClure for Vern		0	x	x	x	0	0	0	0	0	x	x	x	
McClure for DO		0	x	x	x	0	0	0	0	0	x	x	x	
From Don Pedro		0	x	x	x	0	0	0	0	0	x	x	x	
Don Pedro for Vern		0	x	x	x	0	0	0	0	0	x	x	x	
Don Pedro for DO		0	x	x	x	0	0	0	0	0	x	x	x	
Storage avail for DO		0	x	x	x	0	0	0	0	0	x	x	x	
Water Generated		17.0	x	x	x	0	0	0	0	0	x	x	x	
1936		SW (Vernalis)	0	x	x	x	0	0	0	0	10.2	x	x	x
		Right #	0	x	x	x	0	0	0	0	8.0	x	x	x
		From DD	0	x	x	x	0	0	0	0	0.5	x	x	x
	From IO(8)	0	x	x	x	0	0	0	0	0	x	x	x	
	From IO(9)	0	x	x	x	0	0	0	0	0	x	x	x	
	Friant Oblig at NM	0	x	x	x	0	0	0	0	0	x	x	x	
	From Melones	0	x	x	x	0	0	0	0	56.0	x	x	x	
	Melones for Vern	0	x	x	x	0	0	0	0	9.5	x	x	x	
	NM avail for FOv	0	x	x	x	0	0	0	0	46.5	x	x	x	
	From Hensley	0	x	x	x	0	0	0	0	0	x	x	x	
	Hensley for Vern	0	x	x	x	0	0	0	0	0	x	x	x	
	Hensley for DO	0	x	x	x	0	0	0	0	0	x	x	x	
	From Eastman	0	x	x	x	0	0	0	0	0	x	x	x	
	Eastman for Vern	0	x	x	x	0	0	0	0	0	x	x	x	
	Eastman for DO	0	x	x	x	0	0	0	0	0	x	x	x	
	From McClure	0	x	x	x	0	0	0	0	0	x	x	x	
	McClure for Vern	0	x	x	x	0	0	0	0	0	x	x	x	
	McClure for DO	0	x	x	x	0	0	0	0	0	x	x	x	
	From Don Pedro	0	x	x	x	0	0	0	0	0	x	x	x	
	Don Pedro for Vern	0	x	x	x	0	0	0	0	0	x	x	x	
	Don Pedro for DO	0	x	x	x	0	0	0	0	0	x	x	x	
	Storage avail for DO	0	x	x	x	0	0	0	0	46.5	x	x	x	
	Water Generated	0	x	x	x	0	0	0	0	10.0	x	x	x	

Alternative 4
Allocation of Supplemental Water for Vernalis Objective

Year		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	
1937	SW (Vernalis)	0	x	x	x	0	0	0	0	0	x	x	x	
	Right #	0	x	x	x	0	0	0	0	0	x	x	x	
	From DD	0	x	x	x	0	0	0	0	0	x	x	x	
	From IO(8)	0	x	x	x	0	0	0	0	0	x	x	x	
	From IO(9)	0	x	x	x	0	0	0	0	0	x	x	x	
	Friant Oblig at NM	0	x	x	x	0	0	0	0	0	x	x	x	
	From Melones	0	x	x	x	0	0	0	0	0	x	x	x	
	Melones for Vern	0	x	x	x	0	0	0	0	0	x	x	x	
	NM avail for FOv	0	x	x	x	0	0	0	0	0	x	x	x	
	From Hensley	0	x	x	x	0	0	0	0	0	x	x	x	
	Hensley for Vern	0	x	x	x	0	0	0	0	0	x	x	x	
	Hensley for DO	0	x	x	x	0	0	0	0	0	x	x	x	
	From Eastman	0	x	x	x	0	0	0	0	0	x	x	x	
	Eastman for Vern	0	x	x	x	0	0	0	0	0	x	x	x	
	Eastman for DO	0	x	x	x	0	0	0	0	0	x	x	x	
	From McClure	0	x	x	x	0	0	0	0	0	x	x	x	
	McClure for Vern	0	x	x	x	0	0	0	0	0	x	x	x	
	McClure for DO	0	x	x	x	0	0	0	0	0	x	x	x	
	From Don Pedro	0	x	x	x	0	0	0	0	0	x	x	x	
	Don Pedro for Vern	0	x	x	x	0	0	0	0	0	x	x	x	
	Don Pedro for DO	0	x	x	x	0	0	0	0	0	x	x	x	
	Storage avail for DO	0	x	x	x	0	0	0	0	0	x	x	x	
	Water Generated	0	x	x	x	0	0	0	0	0	x	x	x	
	1938	SW (Vernalis)	0	x	x	x	0	0	0	0	0	x	x	x
		Right #	0	x	x	x	0	0	0	0	0	x	x	x
		From DD	0	x	x	x	0	0	0	0	0	x	x	x
From IO(8)		0	x	x	x	0	0	0	0	0	x	x	x	
From IO(9)		0	x	x	x	0	0	0	0	0	x	x	x	
Friant Oblig at NM		0	x	x	x	0	0	0	0	0	x	x	x	
From Melones		0	x	x	x	0	0	0	0	0	x	x	x	
Melones for Vern		0	x	x	x	0	0	0	0	0	x	x	x	
NM avail for FOv		0	x	x	x	0	0	0	0	0	x	x	x	
From Hensley		0	x	x	x	0	0	0	0	0	x	x	x	
Hensley for Vern		0	x	x	x	0	0	0	0	0	x	x	x	
Hensley for DO		0	x	x	x	0	0	0	0	0	x	x	x	
From Eastman		0	x	x	x	0	0	0	0	0	x	x	x	
Eastman for Vern		0	x	x	x	0	0	0	0	0	x	x	x	
Eastman for DO		0	x	x	x	0	0	0	0	0	x	x	x	
From McClure		0	x	x	x	0	0	0	0	0	x	x	x	
McClure for Vern		0	x	x	x	0	0	0	0	0	x	x	x	
McClure for DO		0	x	x	x	0	0	0	0	0	x	x	x	
From Don Pedro		0	x	x	x	0	0	0	0	0	x	x	x	
Don Pedro for Vern		0	x	x	x	0	0	0	0	0	x	x	x	
Don Pedro for DO		0	x	x	x	0	0	0	0	0	x	x	x	
Storage avail for DO		0	x	x	x	0	0	0	0	0	x	x	x	
Water Generated		0	x	x	x	0	0	0	0	0	x	x	x	
1939		SW (Vernalis)	0	x	x	x	0	0	0	0	12.0	x	x	x
		Right #	0	x	x	x	0	0	0	0	53.0	x	x	x
		From DD	0	x	x	x	0	0	0	0	13.8	x	x	x
	From IO(8)	0	x	x	x	0	0	0	0	0	x	x	x	
	From IO(9)	0	x	x	x	0	0	0	0	0	x	x	x	
	Friant Oblig at NM	0	x	x	x	0	0	0	0	0	x	x	x	
	From Melones	0	x	x	x	0	0	0	0	0	x	x	x	
	Melones for Vern	0	x	x	x	0	0	0	0	0	x	x	x	
	NM avail for FOv	0	x	x	x	0	0	0	0	0	x	x	x	
	From Hensley	0	x	x	x	0	0	0	0	0	x	x	x	
	Hensley for Vern	0	x	x	x	0	0	0	0	0	x	x	x	
	Hensley for DO	0	x	x	x	0	0	0	0	0	x	x	x	
	From Eastman	0	x	x	x	0	0	0	0	0	x	x	x	
	Eastman for Vern	0	x	x	x	0	0	0	0	0	x	x	x	
	Eastman for DO	0	x	x	x	0	0	0	0	0	x	x	x	
	From McClure	0	x	x	x	0	0	0	0	0	x	x	x	
	McClure for Vern	0	x	x	x	0	0	0	0	0	x	x	x	
	McClure for DO	0	x	x	x	0	0	0	0	0	x	x	x	
	From Don Pedro	0	x	x	x	0	0	0	0	0	x	x	x	
	Don Pedro for Vern	0	x	x	x	0	0	0	0	0	x	x	x	
	Don Pedro for DO	0	x	x	x	0	0	0	0	0	x	x	x	
	Storage avail for DO	0	x	x	x	0	0	0	0	0	x	x	x	
	Water Generated	0	x	x	x	0	0	0	0	13.8	x	x	x	

Alternative 4
Allocation of Supplemental Water for Vernalis Objective

Year		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	
1940	SW (Vernalis)	20.6	x	x	x	0	0	0	0	91.0	x	x	x	
	Right #	72+	x	x	x	0	0	0	0	21.0	x	x	x	
	From DD	3.6	x	x	x	0	0	0	0	3.7	x	x	x	
	From IO(8)	8.0	x	x	x	0	0	0	0	0	x	x	x	
	From IO(9)	33.0	x	x	x	0	0	0	0	0	x	x	x	
	Friant Oblig at NM	9.0	x	x	x	0	0	0	0	0	x	x	x	
	From Melones	0	x	x	x	0	0	0	0	0	x	x	x	
	Melones for Vern	0	x	x	x	0	0	0	0	0	x	x	x	
	NM avail for FOv	0	x	x	x	0	0	0	0	0	x	x	x	
	From Hensley	0	x	x	x	0	0	0	0	0	x	x	x	
	Hensley for Vern	0	x	x	x	0	0	0	0	0	x	x	x	
	Hensley for DO	0	x	x	x	0	0	0	0	0	x	x	x	
	From Eastman	0	x	x	x	0	0	0	0	0	x	x	x	
	Eastman for Vern	0	x	x	x	0	0	0	0	0	x	x	x	
	Eastman for DO	0	x	x	x	0	0	0	0	0	x	x	x	
	From McClure	8.0	x	x	x	0	0	0	0	0	18.0	x	x	x
	McClure for Vern	8.0	x	x	x	0	0	0	0	0	18.0	x	x	x
	McClure for DO	0	x	x	x	0	0	0	0	0	0	x	x	x
	From Don Pedro	0	x	x	x	0	0	0	0	0	142.0	x	x	x
	Don Pedro for Vern	0	x	x	x	0	0	0	0	0	69.3	x	x	x
	Don Pedro for DO	0	x	x	x	0	0	0	0	0	72.7	x	x	x
	Storage avail for DO	0	x	x	x	0	0	0	0	0	72.7	x	x	x
	Water Generated	20.6	x	x	x	0	0	0	0	0	91.0	x	x	x
	1941	SW (Vernalis)	0	x	x	x	0	0	0	0	0	x	x	x
		Right #	0	x	x	x	0	0	0	0	0	x	x	x
		From DD	0	x	x	x	0	0	0	0	0	x	x	x
From IO(8)		0	x	x	x	0	0	0	0	0	x	x	x	
From IO(9)		0	x	x	x	0	0	0	0	0	x	x	x	
Friant Oblig at NM		0	x	x	x	0	0	0	0	0	x	x	x	
From Melones		0	x	x	x	0	0	0	0	0	x	x	x	
Melones for Vern		0	x	x	x	0	0	0	0	0	x	x	x	
NM avail for FOv		0	x	x	x	0	0	0	0	0	x	x	x	
From Hensley		0	x	x	x	0	0	0	0	0	x	x	x	
Hensley for Vern		0	x	x	x	0	0	0	0	0	x	x	x	
Hensley for DO		0	x	x	x	0	0	0	0	0	x	x	x	
From Eastman		0	x	x	x	0	0	0	0	0	x	x	x	
Eastman for Vern		0	x	x	x	0	0	0	0	0	x	x	x	
Eastman for DO		0	x	x	x	0	0	0	0	0	x	x	x	
From McClure		0	x	x	x	0	0	0	0	0	x	x	x	
McClure for Vern		0	x	x	x	0	0	0	0	0	x	x	x	
McClure for DO		0	x	x	x	0	0	0	0	0	x	x	x	
From Don Pedro		0	x	x	x	0	0	0	0	0	x	x	x	
Don Pedro for Vern		0	x	x	x	0	0	0	0	0	x	x	x	
Don Pedro for DO		0	x	x	x	0	0	0	0	0	x	x	x	
Storage avail for DO		0	x	x	x	0	0	0	0	0	x	x	x	
Water Generated		0	x	x	x	0	0	0	0	0	0	x	x	x
1942		SW (Vernalis)	0	x	x	x	0	0	0	0	0	x	x	x
		Right #	0	x	x	x	0	0	0	0	0	x	x	x
		From DD	0	x	x	x	0	0	0	0	0	x	x	x
	From IO(8)	0	x	x	x	0	0	0	0	0	x	x	x	
	From IO(9)	0	x	x	x	0	0	0	0	0	x	x	x	
	Friant Oblig at NM	0	x	x	x	0	0	0	0	0	x	x	x	
	From Melones	0	x	x	x	0	0	0	0	0	x	x	x	
	Melones for Vern	0	x	x	x	0	0	0	0	0	x	x	x	
	NM avail for FOv	0	x	x	x	0	0	0	0	0	x	x	x	
	From Hensley	0	x	x	x	0	0	0	0	0	x	x	x	
	Hensley for Vern	0	x	x	x	0	0	0	0	0	x	x	x	
	Hensley for DO	0	x	x	x	0	0	0	0	0	x	x	x	
	From Eastman	0	x	x	x	0	0	0	0	0	x	x	x	
	Eastman for Vern	0	x	x	x	0	0	0	0	0	x	x	x	
	Eastman for DO	0	x	x	x	0	0	0	0	0	x	x	x	
	From McClure	0	x	x	x	0	0	0	0	0	x	x	x	
	McClure for Vern	0	x	x	x	0	0	0	0	0	x	x	x	
	McClure for DO	0	x	x	x	0	0	0	0	0	x	x	x	
	From Don Pedro	0	x	x	x	0	0	0	0	0	x	x	x	
	Don Pedro for Vern	0	x	x	x	0	0	0	0	0	x	x	x	
	Don Pedro for DO	0	x	x	x	0	0	0	0	0	x	x	x	
	Storage avail for DO	0	x	x	x	0	0	0	0	0	x	x	x	
	Water Generated	0	x	x	x	0	0	0	0	0	0	x	x	x

Alternative 4
Allocation of Supplemental Water for Vernalis Objective

Year		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	
1943	SW (Vernalis)	0	x	x	x	0	0	0	0	30.8	x	x	x	
	Right #	0	x	x	x	0	0	0	0	17.0	x	x	x	
	From DD	0	x	x	x	0	0	0	0	1.4	x	x	x	
	From IO(8)	0	x	x	x	0	0	0	0	0	x	x	x	
	From IO(9)	0	x	x	x	0	0	0	0	0	x	x	x	
	Friant Oblig at NM	0	x	x	x	0	0	0	0	0	x	x	x	
	From Melones	0	x	x	x	0	0	0	0	30.0	x	x	x	
	Melones for Vern	0	x	x	x	0	0	0	0	30.0	x	x	x	
	NM avail for FOv	0	x	x	x	0	0	0	0	0	x	x	x	
	From Hensley	0	x	x	x	0	0	0	0	0	x	x	x	
	Hensley for Vern	0	x	x	x	0	0	0	0	0	x	x	x	
	Hensley for DO	0	x	x	x	0	0	0	0	0	x	x	x	
	From Eastman	0	x	x	x	0	0	0	0	0	x	x	x	
	Eastman for Vern	0	x	x	x	0	0	0	0	0	x	x	x	
	Eastman for DO	0	x	x	x	0	0	0	0	0	x	x	x	
	From McClure	0	x	x	x	0	0	0	0	0	x	x	x	
	McClure for Vern	0	x	x	x	0	0	0	0	0	x	x	x	
	McClure for DO	0	x	x	x	0	0	0	0	0	x	x	x	
	From Don Pedro	0	x	x	x	0	0	0	0	0	x	x	x	
	Don Pedro for Vern	0	x	x	x	0	0	0	0	0	x	x	x	
	Don Pedro for DO	0	x	x	x	0	0	0	0	0	x	x	x	
	Storage avail for DO	0	x	x	x	0	0	0	0	0	x	x	x	
	Water Generated	0	x	x	x	0	0	0	0	31.4	x	x	x	
	1944	SW (Vernalis)	0	x	x	x	0	0	0	20.9	0	x	x	x
		Right #	0	x	x	x	0	0	0	16.0	0	x	x	x
		From DD	0	x	x	x	0	0	0	1.4	0	x	x	x
From IO(8)		0	x	x	x	0	0	0	0	0	x	x	x	
From IO(9)		0	x	x	x	0	0	0	0	0	x	x	x	
Friant Oblig at NM		0	x	x	x	0	0	0	0	0	x	x	x	
From Melones		0	x	x	x	0	0	0	0	0	x	x	x	
Melones for Vern		0	x	x	x	0	0	0	0	0	x	x	x	
NM avail for FOv		0	x	x	x	0	0	0	0	0	x	x	x	
From Hensley		0	x	x	x	0	0	0	0	0	x	x	x	
Hensley for Vern		0	x	x	x	0	0	0	0	0	x	x	x	
Hensley for DO		0	x	x	x	0	0	0	0	0	x	x	x	
From Eastman		0	x	x	x	0	0	0	0	0	x	x	x	
Eastman for Vern		0	x	x	x	0	0	0	0	0	x	x	x	
Eastman for DO		0	x	x	x	0	0	0	0	0	x	x	x	
From McClure		0	x	x	x	0	0	0	130.0	0	x	x	x	
McClure for Vern		0	x	x	x	0	0	0	19.6	0	x	x	x	
McClure for DO		0	x	x	x	0	0	0	110.4	0	x	x	x	
From Don Pedro		0	x	x	x	0	0	0	0	0	x	x	x	
Don Pedro for Vern		0	x	x	x	0	0	0	0	0	x	x	x	
Don Pedro for DO		0	x	x	x	0	0	0	0	0	x	x	x	
Storage avail for DO		0	x	x	x	0	0	0	110.4	0	x	x	x	
Water Generated		0	x	x	x	0	0	0	21.0	0	x	x	x	
1945		SW (Vernalis)	0	x	x	x	0	0	0	0	0	x	x	x
		Right #	0	x	x	x	0	0	0	0	0	x	x	x
		From DD	0	x	x	x	0	0	0	0	0	x	x	x
	From IO(8)	0	x	x	x	0	0	0	0	0	x	x	x	
	From IO(9)	0	x	x	x	0	0	0	0	0	x	x	x	
	Friant Oblig at NM	0	x	x	x	0	0	0	0	0	x	x	x	
	From Melones	0	x	x	x	0	0	0	0	0	x	x	x	
	Melones for Vern	0	x	x	x	0	0	0	0	0	x	x	x	
	NM avail for FOv	0	x	x	x	0	0	0	0	0	x	x	x	
	From Hensley	0	x	x	x	0	0	0	0	0	x	x	x	
	Hensley for Vern	0	x	x	x	0	0	0	0	0	x	x	x	
	Hensley for DO	0	x	x	x	0	0	0	0	0	x	x	x	
	From Eastman	0	x	x	x	0	0	0	0	0	x	x	x	
	Eastman for Vern	0	x	x	x	0	0	0	0	0	x	x	x	
	Eastman for DO	0	x	x	x	0	0	0	0	0	x	x	x	
	From McClure	0	x	x	x	0	0	0	0	0	x	x	x	
	McClure for Vern	0	x	x	x	0	0	0	0	0	x	x	x	
	McClure for DO	0	x	x	x	0	0	0	0	0	x	x	x	
	From Don Pedro	0	x	x	x	0	0	0	0	0	x	x	x	
	Don Pedro for Vern	0	x	x	x	0	0	0	0	0	x	x	x	
	Don Pedro for DO	0	x	x	x	0	0	0	0	0	x	x	x	
	Storage avail for DO	0	x	x	x	0	0	0	0	0	x	x	x	
	Water Generated	0	x	x	x	0	0	0	0	0	x	x	x	

Alternative 4
Allocation of Supplemental Water for Vernalis Objective

Year		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1946	SW (Vernalis)	0	x	x	x	0	0	0	0	18.0	x	x	x
	Right #	0	x	x	x	0	0	0	0	21.0	x	x	x
	From DD	0	x	x	x	0	0	0	0	3.7	x	x	x
	From IO(8)	0	x	x	x	0	0	0	0	0	x	x	x
	From IO(9)	0	x	x	x	0	0	0	0	0	x	x	x
	Friant Oblig at NM	0	x	x	x	0	0	0	0	0	x	x	x
	From Melones	0	x	x	x	0	0	0	0	0	x	x	x
	Melones for Vern	0	x	x	x	0	0	0	0	0	x	x	x
	NM avail for FOv	0	x	x	x	0	0	0	0	0	x	x	x
	From Hensley	0	x	x	x	0	0	0	0	0	x	x	x
	Hensley for Vern	0	x	x	x	0	0	0	0	0	x	x	x
	Hensley for DO	0	x	x	x	0	0	0	0	0	x	x	x
	From Eastman	0	x	x	x	0	0	0	0	1.0	x	x	x
	Eastman for Vern	0	x	x	x	0	0	0	0	1.0	x	x	x
	Eastman for DO	0	x	x	x	0	0	0	0	0	x	x	x
	From McClure	0	x	x	x	0	0	0	0	0	x	x	x
	McClure for Vern	0	x	x	x	0	0	0	0	0	x	x	x
	McClure for DO	0	x	x	x	0	0	0	0	0	x	x	x
	From Don Pedro	0	x	x	x	0	0	0	0	59.0	x	x	x
	Don Pedro for Vern	0	x	x	x	0	0	0	0	13.3	x	x	x
	Don Pedro for DO	0	x	x	x	0	0	0	0	45.7	x	x	x
	Storage avail for DO	0	x	x	x	0	0	0	0	45.7	x	x	x
	Water Generated	0	x	x	x	0	0	0	0	18.0	x	x	x
	1947	SW (Vernalis)	0	x	x	x	0	23.0	25.0	7.0	19.0	x	x
Right #		0	x	x	x	0	8.0	16.0	16.0	59.0	x	x	x
From DD		0	x	x	x	0	0.2	1.1	1.4	19.8	x	x	x
From IO(8)		0	x	x	x	0	0	0	0	0	x	x	x
From IO(9)		0	x	x	x	0	0	0	0	0	x	x	x
Friant Oblig at NM		0	x	x	x	0	0.0	0.0	0.0	0	x	x	x
From Melones		0	x	x	x	0	53.0	0	0	0	x	x	x
Melones for Vern		0	x	x	x	0	22.8	0	0	0	x	x	x
NM avail for FOv		0	x	x	x	0	30.2	0	0	0	x	x	x
From Hensley		0	x	x	x	0	0	0	0	0	x	x	x
Hensley for Vern		0	x	x	x	0	0	0	0	0	x	x	x
Hensley for DO		0	x	x	x	0	0	0	0	0	x	x	x
From Eastman		0	x	x	x	0	0	0	0	0	x	x	x
Eastman for Vern		0	x	x	x	0	0	0	0	0	x	x	x
Eastman for DO		0	x	x	x	0	0	0	0	0	x	x	x
From McClure		0	x	x	x	0	0	39.0	81.0	0	x	x	x
McClure for Vern		0	x	x	x	0	0	23.9	5.6	0	x	x	x
McClure for DO		0	x	x	x	0	0	15.1	75.4	0	x	x	x
From Don Pedro		0	x	x	x	0	0	0	0	0	x	x	x
Don Pedro for Vern		0	x	x	x	0	0	0	0	0	x	x	x
Don Pedro for DO		0	x	x	x	0	0	0	0	0	x	x	x
Storage avail for DO		0	x	x	x	0	30.2	15.1	75.4	0	x	x	x
Water Generated		0	x	x	x	0	23.0	25.0	7.0	19.8	x	x	x
1948		SW (Vernalis)	12.0	x	x	x	1.0	0	0	59.0	27.0	x	x
	Right #	66.0	x	x	x	8.0	0	0	16.0	8.0	x	x	x
	From DD	3.6	x	x	x	0	0	0	1.4	0.5	x	x	x
	From IO(8)	0	x	x	x	0	0	0	0	0	x	x	x
	From IO(9)	0	x	x	x	0	0	0	0	0	x	x	x
	Friant Oblig at NM	0.4	x	x	x	0	0	0	0.0	0.0	x	x	x
	From Melones	8.0	x	x	x	20.0	0	0	45.0	53.0	x	x	x
	Melones for Vern	8.0	x	x	x	1.0	0	0	45.0	26.5	x	x	x
	NM avail for FOv	0	x	x	x	19.0	0	0	0	26.5	x	x	x
	From Hensley	0	x	x	x	0	0	0	0	0	x	x	x
	Hensley for Vern	0	x	x	x	0	0	0	0	0	x	x	x
	Hensley for DO	0	x	x	x	0	0	0	0	0	x	x	x
	From Eastman	0	x	x	x	0	0	0	0	0	x	x	x
	Eastman for Vern	0	x	x	x	0	0	0	0	0	x	x	x
	Eastman for DO	0	x	x	x	0	0	0	0	0	x	x	x
	From McClure	0	x	x	x	0	0	0	119.0	0	x	x	x
	McClure for Vern	0	x	x	x	0	0	0	12.6	0	x	x	x
	McClure for DO	0	x	x	x	0	0	0	106.4	0	x	x	x
	From Don Pedro	0	x	x	x	0	0	0	0	0	x	x	x
	Don Pedro for Vern	0	x	x	x	0	0	0	0	0	x	x	x
	Don Pedro for DO	0	x	x	x	0	0	0	0	0	x	x	x
	Storage avail for DO	0	x	x	x	19.0	0	0	106.4	26.5	x	x	x
	Water Generated	12.0	x	x	x	1.0	0	0	59.0	27.0	x	x	x

Alternative 4
Allocation of Supplemental Water for Vernalis Objective

Year		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1949	SW (Vernalis)	12.0	x	x	x	0	0	22.0	0	4.0	x	x	x
	Right #	72+	x	x	x	0	0	16.0	0	20.0	x	x	x
	From DD	3.6	x	x	x	0	0	1.1	0	3.7	x	x	x
	From IO(8)	5.0	x	x	x	0	0	0	0	0	x	x	x
	From IO(9)	34.0	x	x	x	0	0	0	0	0	x	x	x
	Friant Oblig at NM	6.4	x	x	x	0	0	0.0	0	0.3	x	x	x
	From Melones	2.0	x	x	x	0	0	0	0	0	x	x	x
	Melones for Vern	2.0	x	x	x	0	0	0	0	0	x	x	x
	NM avail for FOv	0	x	x	x	0	0	0	0	0	x	x	x
	From Hensley	0	x	x	x	0	0	0	0	0	x	x	x
	Hensley for Vern	0	x	x	x	0	0	0	0	0	x	x	x
	Hensley for DO	0	x	x	x	0	0	0	0	0	x	x	x
	From Eastman	0	x	x	x	0	0	0	0	0	x	x	x
	Eastman for Vern	0	x	x	x	0	0	0	0	0	x	x	x
	Eastman for DO	0	x	x	x	0	0	0	0	0	x	x	x
	From McClure	0	x	x	x	0	0	55.0	0	0	x	x	x
	McClure for Vern	0	x	x	x	0	0	20.9	0	0	x	x	x
	McClure for DO	0	x	x	x	0	0	34.1	0	0	x	x	x
	From Don Pedro	0	x	x	x	0	0	0	0	0	x	x	x
	Don Pedro for Vern	0	x	x	x	0	0	0	0	0	x	x	x
	Don Pedro for DO	0	x	x	x	0	0	0	0	0	x	x	x
	Storage avail for DO	0	x	x	x	0	0	34.1	0	0	x	x	x
	Water Generated	12.0	x	x	x	0	0	22.0	0	4.0	x	x	x
	1950	SW (Vernalis)	12.8	x	x	x	0	0	17.0	31.0	5.0	x	x
Right #		72+	x	x	x	0	0	8.0	8.0	16.0	x	x	x
From DD		3.6	x	x	x	0	0	0.3	0.5	1.4	x	x	x
From IO(8)		8.0	x	x	x	0	0	0	0	0	x	x	x
From IO(9)		33.0	x	x	x	0	0	0	0	0	x	x	x
Friant Oblig at NM		9.2	x	x	x	0	0	0.0	0.0	0.0	x	x	x
From Melones		0	x	x	x	0	0	28.0	119.0	0	x	x	x
Melones for Vern		0	x	x	x	0	0	16.7	30.5	0	x	x	x
NM avail for FOv		0	x	x	x	0	0	11.3	88.5	0	x	x	x
From Hensley		0	x	x	x	0	0	0	0	0	x	x	x
Hensley for Vern		0	x	x	x	0	0	0	0	0	x	x	x
Hensley for DO		0	x	x	x	0	0	0	0	0	x	x	x
From Eastman		0	x	x	x	0	0	0	0	0	x	x	x
Eastman for Vern		0	x	x	x	0	0	0	0	0	x	x	x
Eastman for DO		0	x	x	x	0	0	0	0	0	x	x	x
From McClure		0	x	x	x	0	0	0	0	6.0	x	x	x
McClure for Vern		0	x	x	x	0	0	0	0	3.6	x	x	x
McClure for DO		0	x	x	x	0	0	0	0	2.4	x	x	x
From Don Pedro		0	x	x	x	0	0	0	0	0	x	x	x
Don Pedro for Vern		0	x	x	x	0	0	0	0	0	x	x	x
Don Pedro for DO		0	x	x	x	0	0	0	0	0	x	x	x
Storage avail for DO		0	x	x	x	0	0	11.3	88.5	2.4	x	x	x
Water Generated		12.8	x	x	x	0	0	17.0	31.0	5.0	x	x	x
1951		SW (Vernalis)	0	x	x	x	0	0	78.0	143.0	33.0	x	x
	Right #	0	x	x	x	0	0	24.0	72+	21.0	x	x	x
	From DD	0	x	x	x	0	0	7.5	29.7	3.7	x	x	x
	From IO(8)	0	x	x	x	0	0	0	39.0	0	x	x	x
	From IO(9)	0	x	x	x	0	0	0	104.0	0	x	x	x
	Friant Oblig at NM	0	x	x	x	0	0	0	56.3	0	x	x	x
	From Melones	0	x	x	x	0	0	27.0	0	0	x	x	x
	Melones for Vern	0	x	x	x	0	0	27.0	0	0	x	x	x
	NM avail for FOv	0	x	x	x	0	0	0	0	0	x	x	x
	From Hensley	0	x	x	x	0	0	0	0	0	x	x	x
	Hensley for Vern	0	x	x	x	0	0	0	0	0	x	x	x
	Hensley for DO	0	x	x	x	0	0	0	0	0	x	x	x
	From Eastman	0	x	x	x	0	0	0	0	0	x	x	x
	Eastman for Vern	0	x	x	x	0	0	0	0	0	x	x	x
	Eastman for DO	0	x	x	x	0	0	0	0	0	x	x	x
	From McClure	0	x	x	x	0	0	47.0	57.0	0	x	x	x
	McClure for Vern	0	x	x	x	0	0	47.0	57.0	0	x	x	x
	McClure for DO	0	x	x	x	0	0	0	0	0	x	x	x
	From Don Pedro	0	x	x	x	0	0	0	0	41.0	x	x	x
	Don Pedro for Vern	0	x	x	x	0	0	0	0	29.3	x	x	x
	Don Pedro for DO	0	x	x	x	0	0	0	0	11.7	x	x	x
	Storage avail for DO	0	x	x	x	0	0	0	0	11.7	x	x	x
	Water Generated	0	x	x	x	0	0	81.5	143.0	33.0	x	x	x

Alternative 4
Allocation of Supplemental Water for Vernalis Objective

Year		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	
1952	SW (Vernalis)	0	x	x	x	0	0	0	0	0	x	x	x	
	Right #	0	x	x	x	0	0	0	0	0	x	x	x	
	From DD	0	x	x	x	0	0	0	0	0	x	x	x	
	From IO(8)	0	x	x	x	0	0	0	0	0	x	x	x	
	From IO(9)	0	x	x	x	0	0	0	0	0	x	x	x	
	Friant Oblig at NM	0	x	x	x	0	0	0	0	0	x	x	x	
	From Melones	0	x	x	x	0	0	0	0	0	x	x	x	
	Melones for Vern	0	x	x	x	0	0	0	0	0	x	x	x	
	NM avail for FOv	0	x	x	x	0	0	0	0	0	x	x	x	
	From Hensley	0	x	x	x	0	0	0	0	0	x	x	x	
	Hensley for Vern	0	x	x	x	0	0	0	0	0	x	x	x	
	Hensley for DO	0	x	x	x	0	0	0	0	0	x	x	x	
	From Eastman	0	x	x	x	0	0	0	0	0	x	x	x	
	Eastman for Vern	0	x	x	x	0	0	0	0	0	x	x	x	
	Eastman for DO	0	x	x	x	0	0	0	0	0	x	x	x	
	From McClure	0	x	x	x	0	0	0	0	0	x	x	x	
	McClure for Vern	0	x	x	x	0	0	0	0	0	x	x	x	
	McClure for DO	0	x	x	x	0	0	0	0	0	x	x	x	
	From Don Pedro	0	x	x	x	0	0	0	0	0	x	x	x	
	Don Pedro for Vern	0	x	x	x	0	0	0	0	0	x	x	x	
	Don Pedro for DO	0	x	x	x	0	0	0	0	0	x	x	x	
	Storage avail for DO	0	x	x	x	0	0	0	0	0	x	x	x	
	Water Generated	0	x	x	x	0	0	0	0	0	x	x	x	
	1953	SW (Vernalis)	0	x	x	x	0	0	33.0	95.0	49.0	x	x	x
		Right #	0	x	x	x	0	0	16.0	72+	21.0	x	x	x
		From DD	0	x	x	x	0	0	1.1	29.7	3.7	x	x	x
From IO(8)		0	x	x	x	0	0	0	28.0	0	x	x	x	
From IO(9)		0	x	x	x	0	0	0	96.0	0	x	x	x	
Friant Oblig at NM		0	x	x	x	0	0	0.0	44.3	0	x	x	x	
From Melones		0	x	x	x	0	0	0	0	0	x	x	x	
Melones for Vern		0	x	x	x	0	0	0	0	0	x	x	x	
NM avail for FOv		0	x	x	x	0	0	0	0	0	x	x	x	
From Hensley		0	x	x	x	0	0	0	0	0	x	x	x	
Hensley for Vern		0	x	x	x	0	0	0	0	0	x	x	x	
Hensley for DO		0	x	x	x	0	0	0	0	0	x	x	x	
From Eastman		0	x	x	x	0	0	0	0	0	x	x	x	
Eastman for Vern		0	x	x	x	0	0	0	0	0	x	x	x	
Eastman for DO		0	x	x	x	0	0	0	0	0	x	x	x	
From McClure		0	x	x	x	0	0	33.0	2.0	39.0	x	x	x	
McClure for Vern		0	x	x	x	0	0	31.9	2.0	39.0	x	x	x	
McClure for DO		0	x	x	x	0	0	1.1	0	0	x	x	x	
From Don Pedro		0	x	x	x	0	0	0	19.0	102.0	x	x	x	
Don Pedro for Vern		0	x	x	x	0	0	0	19.0	6.3	x	x	x	
Don Pedro for DO		0	x	x	x	0	0	0	0	95.7	x	x	x	
Storage avail for DO		0	x	x	x	0	0	1.1	0	95.7	x	x	x	
Water Generated		0	x	x	x	0	0	33.0	95.0	49.0	x	x	x	
1954		SW (Vernalis)	0.6	x	x	x	0	0	0	0	0	x	x	x
		Right #	53.0	x	x	x	0	0	0	0	0	x	x	x
		From DD	1.2	x	x	x	0	0	0	0	0	x	x	x
	From IO(8)	0	x	x	x	0	0	0	0	0	x	x	x	
	From IO(9)	0	x	x	x	0	0	0	0	0	x	x	x	
	Friant Oblig at NM	0	x	x	x	0	0	0	0	0	x	x	x	
	From Melones	0	x	x	x	0	0	0	0	0	x	x	x	
	Melones for Vern	0	x	x	x	0	0	0	0	0	x	x	x	
	NM avail for FOv	0	x	x	x	0	0	0	0	0	x	x	x	
	From Hensley	0	x	x	x	0	0	0	0	0	x	x	x	
	Hensley for Vern	0	x	x	x	0	0	0	0	0	x	x	x	
	Hensley for DO	0	x	x	x	0	0	0	0	0	x	x	x	
	From Eastman	0	x	x	x	0	0	0	0	0	x	x	x	
	Eastman for Vern	0	x	x	x	0	0	0	0	0	x	x	x	
	Eastman for DO	0	x	x	x	0	0	0	0	0	x	x	x	
	From McClure	0	x	x	x	0	0	0	0	0	x	x	x	
	McClure for Vern	0	x	x	x	0	0	0	0	0	x	x	x	
	McClure for DO	0	x	x	x	0	0	0	0	0	x	x	x	
	From Don Pedro	0	x	x	x	0	0	0	0	0	x	x	x	
	Don Pedro for Vern	0	x	x	x	0	0	0	0	0	x	x	x	
	Don Pedro for DO	0	x	x	x	0	0	0	0	0	x	x	x	
	Storage avail for DO	0	x	x	x	0	0	0	0	0	x	x	x	
	Water Generated	1.2	x	x	x	0	0	0	0	0	x	x	x	

Alternative 4
Allocation of Supplemental Water for Vernalis Objective

Year		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1955	SW (Vernalis)	11.0	x	x	x	6.8	33.0	0	0	9.0	x	x	x
	Right #	72+	x	x	x	8.0	21.0	0	0	16.0	x	x	x
	From DD	3.6	x	x	x	0	0.8	0	0	1.4	x	x	x
	From IO(8)	5.0	x	x	x	0	0	0	0	0	x	x	x
	From IO(9)	33.0	x	x	x	0	0	0	0	0	x	x	x
	Friant Oblig at NM	7.4	x	x	x	0	0	0	0	0.0	x	x	x
	From Melones	0	x	x	x	37.0	2.0	0	0	0	x	x	x
	Melones for Vern	0	x	x	x	7.0	2.0	0	0	0	x	x	x
	NM avail for FOv	0	x	x	x	30.0	0	0	0	0	x	x	x
	From Hensley	0	x	x	x	0	4.0	0	0	3.0	x	x	x
	Hensley for Vern	0	x	x	x	0	4.0	0	0	3.0	x	x	x
	Hensley for DO	0	x	x	x	0	0	0	0	0	x	x	x
	From Eastman	0	x	x	x	0	3.0	0	0	0	x	x	x
	Eastman for Vern	0	x	x	x	0	3.0	0	0	0	x	x	x
	Eastman for DO	0	x	x	x	0	0	0	0	0	x	x	x
	From McClure	0	x	x	x	0	8.0	0	0	46.0	x	x	x
	McClure for Vern	0	x	x	x	0	8.0	0	0	4.6	x	x	x
	McClure for DO	0	x	x	x	0	0	0	0	41.4	x	x	x
	From Don Pedro	0	x	x	x	0	34.0	0	0	0	x	x	x
	Don Pedro for Vern	0	x	x	x	0	15.2	0	0	0	x	x	x
	Don Pedro for DO	0	x	x	x	0	18.8	0	0	0	x	x	x
	Storage avail for DO	0	x	x	x	30.0	18.8	0	0	41.4	x	x	x
	Water Generated	11.0	x	x	x	7.0	33.0	0	0	9.0	x	x	x
1956	SW (Vernalis)	17.6	x	x	x	0	0	20.2	0	0	x	x	x
	Right #	72+	x	x	x	0	0	16.0	0	0	x	x	x
	From DD	3.6	x	x	x	0	0	1.1	0	0	x	x	x
	From IO(8)	6.0	x	x	x	0	0	0	0	0	x	x	x
	From IO(9)	30.0	x	x	x	0	0	0	0	0	x	x	x
	Friant Oblig at NM	9.0	x	x	x	0	0	0	0	0	x	x	x
	From Melones	5.0	x	x	x	0	0	1.0	0	0	x	x	x
	Melones for Vern	5.0	x	x	x	0	0	1.0	0	0	x	x	x
	NM avail for FOv	0	x	x	x	0	0	0	0	0	x	x	x
	From Hensley	0	x	x	x	0	0	3.0	0	0	x	x	x
	Hensley for Vern	0	x	x	x	0	0	3.0	0	0	x	x	x
	Hensley for DO	0	x	x	x	0	0	0	0	0	x	x	x
	From Eastman	0	x	x	x	0	0	8.0	0	0	x	x	x
	Eastman for Vern	0	x	x	x	0	0	8.0	0	0	x	x	x
	Eastman for DO	0	x	x	x	0	0	0	0	0	x	x	x
	From McClure	0	x	x	x	0	0	73.0	0	0	x	x	x
	McClure for Vern	0	x	x	x	0	0	6.9	0	0	x	x	x
	McClure for DO	0	x	x	x	0	0	0	0	0	x	x	x
	From Don Pedro	0	x	x	x	0	0	0	0	0	x	x	x
	Don Pedro for Vern	0	x	x	x	0	0	0	0	0	x	x	x
	Don Pedro for DO	0	x	x	x	0	0	0	0	0	x	x	x
	Storage avail for DO	0	x	x	x	0	0	0	0	0	x	x	x
	Water Generated	17.6	x	x	x	0	0	20.0	0	0	x	x	x
1957	SW (Vernalis)	0	x	x	x	0	0	8.0	17.0	13.7	x	x	x
	Right #	0	x	x	x	0	0	24.0	16.0	16.0	x	x	x
	From DD	0	x	x	x	0	0	7.5	1.4	1.4	x	x	x
	From IO(8)	0	x	x	x	0	0	0	0	0	x	x	x
	From IO(9)	0	x	x	x	0	0	0	0	0	x	x	x
	Friant Oblig at NM	0	x	x	x	0	0	0.5	0.0	0	x	x	x
	From Melones	0	x	x	x	0	0	0	0	0	x	x	x
	Melones for Vern	0	x	x	x	0	0	0	0	0	x	x	x
	NM avail for FOv	0	x	x	x	0	0	0	0	0	x	x	x
	From Hensley	0	x	x	x	0	0	0	0	0	x	x	x
	Hensley for Vern	0	x	x	x	0	0	0	0	0	x	x	x
	Hensley for DO	0	x	x	x	0	0	0	0	0	x	x	x
	From Eastman	0	x	x	x	0	0	0	0	0	x	x	x
	Eastman for Vern	0	x	x	x	0	0	0	0	0	x	x	x
	Eastman for DO	0	x	x	x	0	0	0	0	0	x	x	x
	From McClure	0	x	x	x	0	0	0	82.0	57.0	x	x	x
	McClure for Vern	0	x	x	x	0	0	0	15.6	12.6	x	x	x
	McClure for DO	0	x	x	x	0	0	0	66.4	44.4	x	x	x
	From Don Pedro	0	x	x	x	0	0	1.0	0	0	x	x	x
	Don Pedro for Vern	0	x	x	x	0	0	0	0	0	x	x	x
	Don Pedro for DO	0	x	x	x	0	0	1.0	0	0	x	x	x
	Storage avail for DO	0	x	x	x	0	0	1.0	66.4	44.4	x	x	x
	Water Generated	0	x	x	x	0	0	8.0	17.0	14.0	x	x	x

Alternative 4
Allocation of Supplemental Water for Vernalis Objective

Year		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	
1958	SW (Vernalis)	0	x	x	x	0	0	0	0	0	x	x	x	
	Right #	0	x	x	x	0	0	0	0	0	x	x	x	
	From DD	0	x	x	x	0	0	0	0	0	x	x	x	
	From IO(8)	0	x	x	x	0	0	0	0	0	x	x	x	
	From IO(9)	0	x	x	x	0	0	0	0	0	x	x	x	
	Friant Oblig at NM	0	x	x	x	0	0	0	0	0	x	x	x	
	From Melones	0	x	x	x	0	0	0	0	0	x	x	x	
	Melones for Vern	0	x	x	x	0	0	0	0	0	x	x	x	
	NM avail for FOv	0	x	x	x	0	0	0	0	0	x	x	x	
	From Hensley	0	x	x	x	0	0	0	0	0	x	x	x	
	Hensley for Vern	0	x	x	x	0	0	0	0	0	x	x	x	
	Hensley for DO	0	x	x	x	0	0	0	0	0	x	x	x	
	From Eastman	0	x	x	x	0	0	0	0	0	x	x	x	
	Eastman for Vern	0	x	x	x	0	0	0	0	0	x	x	x	
	Eastman for DO	0	x	x	x	0	0	0	0	0	x	x	x	
	From McClure	0	x	x	x	0	0	0	0	0	x	x	x	
	McClure for Vern	0	x	x	x	0	0	0	0	0	x	x	x	
	McClure for DO	0	x	x	x	0	0	0	0	0	x	x	x	
	From Don Pedro	0	x	x	x	0	0	0	0	0	x	x	x	
	Don Pedro for Vern	0	x	x	x	0	0	0	0	0	x	x	x	
	Don Pedro for DO	0	x	x	x	0	0	0	0	0	x	x	x	
	Storage avail for DO	0	x	x	x	0	0	0	0	0	x	x	x	
	Water Generated	0	x	x	x	0	0	0	0	0	x	x	x	
	1959	SW (Vernalis)	0	x	x	x	0	0	0	0	23.0	x	x	x
		Right #	0	x	x	x	0	0	0	0	63.0	x	x	x
		From DD	0	x	x	x	0	0	0	0	33.3	x	x	x
		From IO(8)	0	x	x	x	0	0	0	0	0	x	x	x
From IO(9)		0	x	x	x	0	0	0	0	0	x	x	x	
Friant Oblig at NM		0	x	x	x	0	0	0	0	0	x	x	x	
From Melones		0	x	x	x	0	0	0	0	0	x	x	x	
Melones for Vern		0	x	x	x	0	0	0	0	0	x	x	x	
NM avail for FOv		0	x	x	x	0	0	0	0	0	x	x	x	
From Hensley		0	x	x	x	0	0	0	0	0	x	x	x	
Hensley for Vern		0	x	x	x	0	0	0	0	0	x	x	x	
Hensley for DO		0	x	x	x	0	0	0	0	0	x	x	x	
From Eastman		0	x	x	x	0	0	0	0	0	x	x	x	
Eastman for Vern		0	x	x	x	0	0	0	0	0	x	x	x	
Eastman for DO		0	x	x	x	0	0	0	0	0	x	x	x	
From McClure		0	x	x	x	0	0	0	0	0	x	x	x	
McClure for Vern		0	x	x	x	0	0	0	0	0	x	x	x	
McClure for DO		0	x	x	x	0	0	0	0	0	x	x	x	
From Don Pedro		0	x	x	x	0	0	0	0	0	x	x	x	
Don Pedro for Vern		0	x	x	x	0	0	0	0	0	x	x	x	
Don Pedro for DO		0	x	x	x	0	0	0	0	0	x	x	x	
Storage avail for DO		0	x	x	x	0	0	0	0	0	x	x	x	
Water Generated		0	x	x	x	0	0	0	0	33.3	x	x	x	
1960		SW (Vernalis)	28.0	x	x	x	0	0	0	0	0	x	x	x
		Right #	72+	x	x	x	0	0	0	0	0	x	x	x
		From DD	3.6	x	x	x	0	0	0	0	0	x	x	x
		From IO(8)	4.0	x	x	x	0	0	0	0	0	x	x	x
	From IO(9)	26.0	x	x	x	0	0	0	0	0	x	x	x	
	Friant Oblig at NM	24.4	x	x	x	0	0	0	0	0	x	x	x	
	From Melones	0	x	x	x	0	0	0	0	0	x	x	x	
	Melones for Vern	0	x	x	x	0	0	0	0	0	x	x	x	
	NM avail for FOv	0	x	x	x	0	0	0	0	0	x	x	x	
	From Hensley	0	x	x	x	0	0	0	0	0	x	x	x	
	Hensley for Vern	0	x	x	x	0	0	0	0	0	x	x	x	
	Hensley for DO	0	x	x	x	0	0	0	0	0	x	x	x	
	From Eastman	0	x	x	x	0	0	0	0	0	x	x	x	
	Eastman for Vern	0	x	x	x	0	0	0	0	0	x	x	x	
	Eastman for DO	0	x	x	x	0	0	0	0	0	x	x	x	
	From McClure	0	x	x	x	0	0	0	0	0	x	x	x	
	McClure for Vern	0	x	x	x	0	0	0	0	0	x	x	x	
	McClure for DO	0	x	x	x	0	0	0	0	0	x	x	x	
	From Don Pedro	0	x	x	x	0	0	0	0	0	x	x	x	
	Don Pedro for Vern	0	x	x	x	0	0	0	0	0	x	x	x	
	Don Pedro for DO	0	x	x	x	0	0	0	0	0	x	x	x	
	Storage avail for DO	0	x	x	x	0	0	0	0	0	x	x	x	
	Water Generated	28.0	x	x	x	0	0	0	0	0	x	x	x	

Alternative 4
Allocation of Supplemental Water for Vernalis Objective

Year		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	
1961	SW (Vernalis)	26.0	x	x	x	0	0	0	0	0	x	x	x	
	Right #	72+	x	x	x	0	0	0	0	0	x	x	x	
	From DD	3.6	x	x	x	0	0	0	0	0	x	x	x	
	From IO(8)	3.0	x	x	x	0	0	0	0	0	x	x	x	
	From IO(9)	24.0	x	x	x	0	0	0	0	0	x	x	x	
	Friant Oblig at NM	22.4	x	x	x	0	0	0	0	0	x	x	x	
	From Melones	0	x	x	x	0	0	0	0	0	x	x	x	
	Melones for Vern	0	x	x	x	0	0	0	0	0	x	x	x	
	NM avail for FOv	0	x	x	x	0	0	0	0	0	x	x	x	
	From Hensley	0	x	x	x	0	0	0	0	0	x	x	x	
	Hensley for Vern	0	x	x	x	0	0	0	0	0	x	x	x	
	Hensley for DO	0	x	x	x	0	0	0	0	0	x	x	x	
	From Eastman	0	x	x	x	0	0	0	0	0	x	x	x	
	Eastman for Vern	0	x	x	x	0	0	0	0	0	x	x	x	
	Eastman for DO	0	x	x	x	0	0	0	0	0	x	x	x	
	From McClure	0	x	x	x	0	0	0	0	0	x	x	x	
	McClure for Vern	0	x	x	x	0	0	0	0	0	x	x	x	
	McClure for DO	0	x	x	x	0	0	0	0	0	x	x	x	
	From Don Pedro	0	x	x	x	0	0	0	0	0	x	x	x	
	Don Pedro for Vern	0	x	x	x	0	0	0	0	0	x	x	x	
	Don Pedro for DO	0	x	x	x	0	0	0	0	0	x	x	x	
	Storage avail for DO	0	x	x	x	0	0	0	0	0	x	x	x	
	Water Generated	26.0	x	x	x	0	0	0	0	0	x	x	x	
	1962	SW (Vernalis)	0	x	x	x	0	0	0	0	0	x	x	x
		Right #	0	x	x	x	0	0	0	0	0	x	x	x
		From DD	0	x	x	x	0	0	0	0	0	x	x	x
From IO(8)		0	x	x	x	0	0	0	0	0	x	x	x	
From IO(9)		0	x	x	x	0	0	0	0	0	x	x	x	
Friant Oblig at NM		0	x	x	x	0	0	0	0	0	x	x	x	
From Melones		0	x	x	x	0	0	0	0	0	x	x	x	
Melones for Vern		0	x	x	x	0	0	0	0	0	x	x	x	
NM avail for FOv		0	x	x	x	0	0	0	0	0	x	x	x	
From Hensley		0	x	x	x	0	0	0	0	0	x	x	x	
Hensley for Vern		0	x	x	x	0	0	0	0	0	x	x	x	
Hensley for DO		0	x	x	x	0	0	0	0	0	x	x	x	
From Eastman		0	x	x	x	0	0	0	0	0	x	x	x	
Eastman for Vern		0	x	x	x	0	0	0	0	0	x	x	x	
Eastman for DO		0	x	x	x	0	0	0	0	0	x	x	x	
From McClure		0	x	x	x	0	0	0	0	0	x	x	x	
McClure for Vern		0	x	x	x	0	0	0	0	0	x	x	x	
McClure for DO		0	x	x	x	0	0	0	0	0	x	x	x	
From Don Pedro		0	x	x	x	0	0	0	0	0	x	x	x	
Don Pedro for Vern		0	x	x	x	0	0	0	0	0	x	x	x	
Don Pedro for DO		0	x	x	x	0	0	0	0	0	x	x	x	
Storage avail for DO		0	x	x	x	0	0	0	0	0	x	x	x	
Water Generated		0	x	x	x	0	0	0	0	0	x	x	x	
1963		SW (Vernalis)	0	x	x	x	0	42.0	0	0	2.4	x	x	x
		Right #	0	x	x	x	0	8.0	0	0	8.0	x	x	x
		From DD	0	x	x	x	0	0.2	0	0	0.5	x	x	x
	From IO(8)	0	x	x	x	0	0	0	0	0	x	x	x	
	From IO(9)	0	x	x	x	0	0	0	0	0	x	x	x	
	Friant Oblig at NM	0	x	x	x	0	0.0	0	0	0	x	x	x	
	From Melones	0	x	x	x	0	57.0	0	0	74.0	x	x	x	
	Melones for Vern	0	x	x	x	0	41.8	0	0	1.5	x	x	x	
	NM avail for FOv	0	x	x	x	0	15.2	0	0	72.5	x	x	x	
	From Hensley	0	x	x	x	0	0	0	0	0	x	x	x	
	Hensley for Vern	0	x	x	x	0	0	0	0	0	x	x	x	
	Hensley for DO	0	x	x	x	0	0	0	0	0	x	x	x	
	From Eastman	0	x	x	x	0	0	0	0	0	x	x	x	
	Eastman for Vern	0	x	x	x	0	0	0	0	0	x	x	x	
	Eastman for DO	0	x	x	x	0	0	0	0	0	x	x	x	
	From McClure	0	x	x	x	0	0	0	0	0	x	x	x	
	McClure for Vern	0	x	x	x	0	0	0	0	0	x	x	x	
	McClure for DO	0	x	x	x	0	0	0	0	0	x	x	x	
	From Don Pedro	0	x	x	x	0	0	0	0	0	x	x	x	
	Don Pedro for Vern	0	x	x	x	0	0	0	0	0	x	x	x	
	Don Pedro for DO	0	x	x	x	0	0	0	0	0	x	x	x	
	Storage avail for DO	0	x	x	x	0	15.2	0	0	72.5	x	x	x	
	Water Generated	0	x	x	x	0	42.0	0	0	2.0	x	x	x	

Alternative 4
Allocation of Supplemental Water for Vernalis Objective

Year		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1964	SW (Vernalis)	0	x	x	x	18.0	33.0	0	19.0	20.0	x	x	x
	Right #	0	x	x	x	8.0	48.0	0	16.0	21.0	x	x	x
	From DD	0	x	x	x	0	8.0	0	1.4	3.7	x	x	x
	From IO(8)	0	x	x	x	0	0	0	0	0	x	x	x
	From IO(9)	0	x	x	x	0	0	0	0	0	x	x	x
	Friant Oblig at NM	0	x	x	x	0	0	0	0.0	0	x	x	x
	From Melones	0	x	x	x	36.0	20.0	0	0	0	x	x	x
	Melones for Vern	0	x	x	x	18.0	20.0	0	0	0	x	x	x
	NM avail for FOv	0	x	x	x	18.0	0	0	0	0	x	x	x
	From Hensley	0	x	x	x	0	0	0	0	2.0	x	x	x
	Hensley for Vern	0	x	x	x	0	0	0	0	2.0	x	x	x
	Hensley for DO	0	x	x	x	0	0	0	0	0	x	x	x
	From Eastman	0	x	x	x	0	3.0	0	0	0	x	x	x
	Eastman for Vern	0	x	x	x	0	3.0	0	0	0	x	x	x
	Eastman for DO	0	x	x	x	0	0	0	0	0	x	x	x
	From McClure	0	x	x	x	0	1.0	0	49.0	0	x	x	x
	McClure for Vern	0	x	x	x	0	1.0	0	17.6	0	x	x	x
	McClure for DO	0	x	x	x	0	0	0	31.4	0	x	x	x
	From Don Pedro	0	x	x	x	0	1.0	0	0	28.0	x	x	x
	Don Pedro for Vern	0	x	x	x	0	1.0	0	0	14.3	x	x	x
	Don Pedro for DO	0	x	x	x	0	0	0	0	13.7	x	x	x
	Storage avail for DO	0	x	x	x	18.0	0	0	31.4	13.7	x	x	x
	Water Generated	0	x	x	x	18.0	33.0	0	19.0	20.0	x	x	x
	1965	SW (Vernalis)	27.0	x	x	x	0	0	0	98.9	0	x	x
Right #		72+ +	x	x	x	0	0	0	8.0	0	x	x	x
From DD		3.6	x	x	x	0	0	0	0.5	0	x	x	x
From IO(8)		3.0	x	x	x	0	0	0	0	0	x	x	x
From IO(9)		17.0	x	x	x	0	0	0	0	0	x	x	x
Friant Oblig at NM		20.0	x	x	x	0	0	0	0	0	x	x	x
From Melones		0	x	x	x	0	0	0	132.0	0	x	x	x
Melones for Vern		0	x	x	x	0	0	0	98.5	0	x	x	x
NM avail for FOv		0	x	x	x	0	0	0	33.5	0	x	x	x
From Hensley		0	x	x	x	0	0	0	0	0	x	x	x
Hensley for Vern		0	x	x	x	0	0	0	0	0	x	x	x
Hensley for DO		0	x	x	x	0	0	0	0	0	x	x	x
From Eastman		0	x	x	x	0	0	0	0	0	x	x	x
Eastman for Vern		0	x	x	x	0	0	0	0	0	x	x	x
Eastman for DO		0	x	x	x	0	0	0	0	0	x	x	x
From McClure		0	x	x	x	0	0	0	0	0	x	x	x
McClure for Vern		0	x	x	x	0	0	0	0	0	x	x	x
McClure for DO		0	x	x	x	0	0	0	0	0	x	x	x
From Don Pedro		0	x	x	x	0	0	0	0	0	x	x	x
Don Pedro for Vern		0	x	x	x	0	0	0	0	0	x	x	x
Don Pedro for DO		0	x	x	x	0	0	0	0	0	x	x	x
Storage avail for DO		0	x	x	x	0	0	0	33.5	0	x	x	x
Water Generated		23.6	x	x	x	0	0	0	99.0	0	x	x	x
1966		SW (Vernalis)	0	x	x	x	0	0	20.0	0	11.0	x	x
	Right #	0	x	x	x	0	0	16.0	0	47.0	x	x	x
	From DD	0	x	x	x	0	0	1.1	0	11.2	x	x	x
	From IO(8)	0	x	x	x	0	0	0	0	0	x	x	x
	From IO(9)	0	x	x	x	0	0	0	0	0	x	x	x
	Friant Oblig at NM	0	x	x	x	0	0	0.0	0	0	x	x	x
	From Melones	0	x	x	x	0	0	0	0	0	x	x	x
	Melones for Vern	0	x	x	x	0	0	0	0	0	x	x	x
	NM avail for FOv	0	x	x	x	0	0	0	0	0	x	x	x
	From Hensley	0	x	x	x	0	0	0	0	0	x	x	x
	Hensley for Vern	0	x	x	x	0	0	0	0	0	x	x	x
	Hensley for DO	0	x	x	x	0	0	0	0	0	x	x	x
	From Eastman	0	x	x	x	0	0	0	0	0	x	x	x
	Eastman for Vern	0	x	x	x	0	0	0	0	0	x	x	x
	Eastman for DO	0	x	x	x	0	0	0	0	0	x	x	x
	From McClure	0	x	x	x	0	0	74.0	0	0	x	x	x
	McClure for Vern	0	x	x	x	0	0	18.9	0	0	x	x	x
	McClure for DO	0	x	x	x	0	0	55.1	0	0	x	x	x
	From Don Pedro	0	x	x	x	0	0	0	0	0	x	x	x
	Don Pedro for Vern	0	x	x	x	0	0	0	0	0	x	x	x
	Don Pedro for DO	0	x	x	x	0	0	0	0	0	x	x	x
	Storage avail for DO	0	x	x	x	0	0	55.1	0	0	x	x	x
	Water Generated	0	x	x	x	0	0	20.0	0	11.2	x	x	x

Alternative 4
Allocation of Supplemental Water for Vernalis Objective

Year		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	
1967	SW (Vernalis)	9.0	x	x	x	0	0	0	0	0	x	x	x	
	Right #	71.0	x	x	x	0	0	0	0	0	x	x	x	
	From DD	3.5	x	x	x	0	0	0	0	0	x	x	x	
	From IO(8)	4.0	x	x	x	0	0	0	0	0	x	x	x	
	From IO(9)	0	x	x	x	0	0	0	0	0	x	x	x	
	Friant Oblig at NM	3.5	x	x	x	0	0	0	0	0	x	x	x	
	From Melones	2.0	x	x	x	0	0	0	0	0	x	x	x	
	Melones for Vern	2.0	x	x	x	0	0	0	0	0	x	x	x	
	NM avail for FOv	0	x	x	x	0	0	0	0	0	x	x	x	
	From Hensley	0	x	x	x	0	0	0	0	0	x	x	x	
	Hensley for Vern	0	x	x	x	0	0	0	0	0	x	x	x	
	Hensley for DO	0	x	x	x	0	0	0	0	0	x	x	x	
	From Eastman	0	x	x	x	0	0	0	0	0	x	x	x	
	Eastman for Vern	0	x	x	x	0	0	0	0	0	x	x	x	
	Eastman for DO	0	x	x	x	0	0	0	0	0	x	x	x	
	From McClure	0	x	x	x	0	0	0	0	0	x	x	x	
	McClure for Vern	0	x	x	x	0	0	0	0	0	x	x	x	
	McClure for DO	0	x	x	x	0	0	0	0	0	x	x	x	
	From Don Pedro	0	x	x	x	0	0	0	0	0	x	x	x	
	Don Pedro for Vern	0	x	x	x	0	0	0	0	0	x	x	x	
	Don Pedro for DO	0	x	x	x	0	0	0	0	0	x	x	x	
	Storage avail for DO	0	x	x	x	0	0	0	0	0	x	x	x	
	Water Generated	9.0	x	x	x	0	0	0	0	0	x	x	x	
	1968	SW (Vernalis)	0	x	x	x	0	0	31.0	35.0	17.0	x	x	x
		Right #	0	x	x	x	0	0	21.0	21.0	58.0	x	x	x
		From DD	0	x	x	x	0	0	2.1	3.2	18.7	x	x	x
		From IO(8)	0	x	x	x	0	0	0	0	0	x	x	x
From IO(9)		0	x	x	x	0	0	0	0	0	x	x	x	
Friant Oblig at NM		0	x	x	x	0	0	0.0	0.0	0	x	x	x	
From Melones		0	x	x	x	0	0	0	0	0	x	x	x	
Melones for Vern		0	x	x	x	0	0	0	0	0	x	x	x	
NM avail for FOv		0	x	x	x	0	0	0	0	0	x	x	x	
From Hensley		0	x	x	x	0	0	0	0	0	x	x	x	
Hensley for Vern		0	x	x	x	0	0	0	0	0	x	x	x	
Hensley for DO		0	x	x	x	0	0	0	0	0	x	x	x	
From Eastman		0	x	x	x	0	0	0	0	0	x	x	x	
Eastman for Vern		0	x	x	x	0	0	0	0	0	x	x	x	
Eastman for DO		0	x	x	x	0	0	0	0	0	x	x	x	
From McClure		0	x	x	x	0	0	23.0	24.0	0	x	x	x	
McClure for Vern		0	x	x	x	0	0	23.0	24.0	0	x	x	x	
McClure for DO		0	x	x	x	0	0	0	0	0	x	x	x	
From Don Pedro		0	x	x	x	0	0	23.0	34.0	0	x	x	x	
Don Pedro for Vern		0	x	x	x	0	0	5.9	7.8	0	x	x	x	
Don Pedro for DO		0	x	x	x	0	0	17.1	26.2	0	x	x	x	
Storage avail for DO		0	x	x	x	0	0	17.1	26.2	0	x	x	x	
Water Generated		0	x	x	x	0	0	31.0	35.0	18.7	x	x	x	
1969		SW (Vernalis)	21.0	x	x	x	0	0	0	0	0	x	x	x
		Right #	72+	x	x	x	0	0	0	0	0	x	x	x
		From DD	3.6	x	x	x	0	0	0	0	0	x	x	x
		From IO(8)	3.0	x	x	x	0	0	0	0	0	x	x	x
	From IO(9)	17.0	x	x	x	0	0	0	0	0	x	x	x	
	Friant Oblig at NM	17.4	x	x	x	0	0	0	0	0	x	x	x	
	From Melones	0	x	x	x	0	0	0	0	0	x	x	x	
	Melones for Vern	0	x	x	x	0	0	0	0	0	x	x	x	
	NM avail for FOv	0	x	x	x	0	0	0	0	0	x	x	x	
	From Hensley	0	x	x	x	0	0	0	0	0	x	x	x	
	Hensley for Vern	0	x	x	x	0	0	0	0	0	x	x	x	
	Hensley for DO	0	x	x	x	0	0	0	0	0	x	x	x	
	From Eastman	0	x	x	x	0	0	0	0	0	x	x	x	
	Eastman for Vern	0	x	x	x	0	0	0	0	0	x	x	x	
	Eastman for DO	0	x	x	x	0	0	0	0	0	x	x	x	
	From McClure	0	x	x	x	0	0	0	0	0	x	x	x	
	McClure for Vern	0	x	x	x	0	0	0	0	0	x	x	x	
	McClure for DO	0	x	x	x	0	0	0	0	0	x	x	x	
	From Don Pedro	0	x	x	x	0	0	0	0	0	x	x	x	
	Don Pedro for Vern	0	x	x	x	0	0	0	0	0	x	x	x	
	Don Pedro for DO	0	x	x	x	0	0	0	0	0	x	x	x	
	Storage avail for DO	0	x	x	x	0	0	0	0	0	x	x	x	
	Water Generated	21.0	x	x	x	0	0	0	0	0	x	x	x	

Alternative 4
Allocation of Supplemental Water for Vernalis Objective

Year		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1970	SW (Vernalis)	0	x	x	x	0	0	78.0	120.5	32.0	x	x	x
	Right #	0	x	x	x	0	0	72+	63.0	21.0	x	x	x
	From DD	0	x	x	x	0	0	19.5	26.5	3.7	x	x	x
	From IO(8)	0	x	x	x	0	0	27.0	0	0	x	x	x
	From IO(9)	0	x	x	x	0	0	91.0	0	0	x	x	x
	Friant Oblig at NM	0	x	x	x	0	0	56.5	0	0	x	x	x
	From Melones	0	x	x	x	0	0	0	0	0	x	x	x
	Melones for Vern	0	x	x	x	0	0	0	0	0	x	x	x
	NM avail for FOv	0	x	x	x	0	0	0	0	0	x	x	x
	From Hensley	0	x	x	x	0	0	0	0	0	x	x	x
	Hensley for Vern	0	x	x	x	0	0	0	0	0	x	x	x
	Hensley for DO	0	x	x	x	0	0	0	0	0	x	x	x
	From Eastman	0	x	x	x	0	0	0	0	0	x	x	x
	Eastman for Vern	0	x	x	x	0	0	0	0	0	x	x	x
	Eastman for DO	0	x	x	x	0	0	0	0	0	x	x	x
	From McClure	0	x	x	x	0	0	2.0	94.0	2.0	x	x	x
	McClure for Vern	0	x	x	x	0	0	2.0	94.0	2.0	x	x	x
	McClure for DO	0	x	x	x	0	0	0	0	0	x	x	x
	From Don Pedro	0	x	x	x	0	0	0	0	89.0	x	x	x
	Don Pedro for Vern	0	x	x	x	0	0	0	0	26.3	x	x	x
	Don Pedro for DO	0	x	x	x	0	0	0	0	62.7	x	x	x
	Storage avail for DO	0	x	x	x	0	0	0	0	62.7	x	x	x
	Water Generated	0	x	x	x	0	0	78.0	120.5	32.0	x	x	x
	1971	SW (Vernalis)	0	x	x	x	0	0	51.0	88.0	51.0	x	x
Right #		0	x	x	x	0	0	71.0	63.0	16.0	x	x	x
From DD		0	x	x	x	0	0	19.5	26.5	1.4	x	x	x
From IO(8)		0	x	x	x	0	0	22.0	0	0	x	x	x
From IO(9)		0	x	x	x	0	0	0	0	0	x	x	x
Friant Oblig at NM		0	x	x	x	0	0	7.5	0	0.0	x	x	x
From Melones		0	x	x	x	0	0	0	0	0	x	x	x
Melones for Vern		0	x	x	x	0	0	0	0	0	x	x	x
NM avail for FOv		0	x	x	x	0	0	0	0	0	x	x	x
From Hensley		0	x	x	x	0	0	0	0	1.0	x	x	x
Hensley for Vern		0	x	x	x	0	0	0	0	1.0	x	x	x
Hensley for DO		0	x	x	x	0	0	0	0	0	x	x	x
From Eastman		0	x	x	x	0	0	0	0	1.0	x	x	x
Eastman for Vern		0	x	x	x	0	0	0	0	1.0	x	x	x
Eastman for DO		0	x	x	x	0	0	0	0	0	x	x	x
From McClure		0	x	x	x	0	0	7.0	63.0	60.0	x	x	x
McClure for Vern		0	x	x	x	0	0	7.0	63.0	47.6	x	x	x
McClure for DO		0	x	x	x	0	0	0	0	12.4	x	x	x
From Don Pedro		0	x	x	x	0	0	17.0	0	0	x	x	x
Don Pedro for Vern		0	x	x	x	0	0	17.0	0	0	x	x	x
Don Pedro for DO		0	x	x	x	0	0	0	0	0	x	x	x
Storage avail for DO		0	x	x	x	0	0	0	0	12.4	x	x	x
Water Generated		0	x	x	x	0	0	51.0	89.5	51.0	x	x	x
1972		SW (Vernalis)	15.2	x	x	x	8.8	29.0	54.0	47.0	27.0	x	x
	Right #	72+	x	x	x	8.0	8.0	72+	16.0	63.0	x	x	x
	From DD	3.6	x	x	x	0	0.2	19.5	1.4	33.3	x	x	x
	From IO(8)	6.0	x	x	x	0	0	7.0	0	0	x	x	x
	From IO(9)	33.0	x	x	x	0	0	83.0	0	0	x	x	x
	Friant Oblig at NM	11.6	x	x	x	0	0.0	14.5	0.0	0	x	x	x
	From Melones	0	x	x	x	43.0	31.0	0	0	0	x	x	x
	Melones for Vern	0	x	x	x	9.0	28.8	0	0	0	x	x	x
	NM avail for FOv	0	x	x	x	34.0	2.2	0	0	0	x	x	x
	From Hensley	0	x	x	x	0	0	0	0	0	x	x	x
	Hensley for Vern	0	x	x	x	0	0	0	0	0	x	x	x
	Hensley for DO	0	x	x	x	0	0	0	0	0	x	x	x
	From Eastman	0	x	x	x	0	0	0	0	0	x	x	x
	Eastman for Vern	0	x	x	x	0	0	0	0	0	x	x	x
	Eastman for DO	0	x	x	x	0	0	0	0	0	x	x	x
	From McClure	0	x	x	x	0	0	15.0	75.0	4.0	x	x	x
	McClure for Vern	0	x	x	x	0	0	15.0	45.6	4.0	x	x	x
	McClure for DO	0	x	x	x	0	0	0	29.4	0	x	x	x
	From Don Pedro	0	x	x	x	0	0	5.0	0	0	x	x	x
	Don Pedro for Vern	0	x	x	x	0	0	5.0	0	0	x	x	x
	Don Pedro for DO	0	x	x	x	0	0	0	0	0	x	x	x
	Storage avail for DO	0	x	x	x	34.0	2.2	0	29.4	0	x	x	x
	Water Generated	15.2	x	x	x	9.0	29.0	54.0	47.0	37.3	x	x	x

Alternative 4
Allocation of Supplemental Water for Vernalis Objective

Year		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	
1973	SW (Vernalis)	1.7	x	x	x	0	0	0	0	0	x	x	x	
	Right #	8.0	x	x	x	0	0	0	0	0	x	x	x	
	From DD	0.1	x	x	x	0	0	0	0	0	x	x	x	
	From IO(8)	0	x	x	x	0	0	0	0	0	x	x	x	
	From IO(9)	0	x	x	x	0	0	0	0	0	x	x	x	
	Friant Oblig at NM	0	x	x	x	0	0	0	0	0	x	x	x	
	From Melones	8.0	x	x	x	0	0	0	0	0	x	x	x	
	Melones for Vern	1.9	x	x	x	0	0	0	0	0	x	x	x	
	NM avail for FOv	6.1	x	x	x	0	0	0	0	0	x	x	x	
	From Hensley	0	x	x	x	0	0	0	0	0	x	x	x	
	Hensley for Vern	0	x	x	x	0	0	0	0	0	x	x	x	
	Hensley for DO	0	x	x	x	0	0	0	0	0	x	x	x	
	From Eastman	0	x	x	x	0	0	0	0	0	x	x	x	
	Eastman for Vern	0	x	x	x	0	0	0	0	0	x	x	x	
	Eastman for DO	0	x	x	x	0	0	0	0	0	x	x	x	
	From McClure	0	x	x	x	0	0	0	0	0	x	x	x	
	McClure for Vern	0	x	x	x	0	0	0	0	0	x	x	x	
	McClure for DO	0	x	x	x	0	0	0	0	0	x	x	x	
	From Don Pedro	0	x	x	x	0	0	0	0	0	x	x	x	
	Don Pedro for Vern	0	x	x	x	0	0	0	0	0	x	x	x	
	Don Pedro for DO	0	x	x	x	0	0	0	0	0	x	x	x	
	Storage avail for DO	6.1	x	x	x	0	0	0	0	0	x	x	x	
	Water Generated	2.0	x	x	x	0	0	0	0	0	x	x	x	
	1974	SW (Vernalis)	0	x	x	x	0	0	0	0	0	x	x	x
		Right #	0	x	x	x	0	0	0	0	0	x	x	x
		From DD	0	x	x	x	0	0	0	0	0	x	x	x
From IO(8)		0	x	x	x	0	0	0	0	0	x	x	x	
From IO(9)		0	x	x	x	0	0	0	0	0	x	x	x	
Friant Oblig at NM		0	x	x	x	0	0	0	0	0	x	x	x	
From Melones		0	x	x	x	0	0	0	0	0	x	x	x	
Melones for Vern		0	x	x	x	0	0	0	0	0	x	x	x	
NM avail for FOv		0	x	x	x	0	0	0	0	0	x	x	x	
From Hensley		0	x	x	x	0	0	0	0	0	x	x	x	
Hensley for Vern		0	x	x	x	0	0	0	0	0	x	x	x	
Hensley for DO		0	x	x	x	0	0	0	0	0	x	x	x	
From Eastman		0	x	x	x	0	0	0	0	0	x	x	x	
Eastman for Vern		0	x	x	x	0	0	0	0	0	x	x	x	
Eastman for DO		0	x	x	x	0	0	0	0	0	x	x	x	
From McClure		0	x	x	x	0	0	0	0	0	x	x	x	
McClure for Vern		0	x	x	x	0	0	0	0	0	x	x	x	
McClure for DO		0	x	x	x	0	0	0	0	0	x	x	x	
From Don Pedro		0	x	x	x	0	0	0	0	0	x	x	x	
Don Pedro for Vern		0	x	x	x	0	0	0	0	0	x	x	x	
Don Pedro for DO		0	x	x	x	0	0	0	0	0	x	x	x	
Storage avail for DO		0	x	x	x	0	0	0	0	0	x	x	x	
Water Generated		0	x	x	x	0	0	0	0	0	x	x	x	
1975		SW (Vernalis)	0	x	x	x	0	0	0	0	0	x	x	x
		Right #	0	x	x	x	0	0	0	0	0	x	x	x
		From DD	0	x	x	x	0	0	0	0	0	x	x	x
	From IO(8)	0	x	x	x	0	0	0	0	0	x	x	x	
	From IO(9)	0	x	x	x	0	0	0	0	0	x	x	x	
	Friant Oblig at NM	0	x	x	x	0	0	0	0	0	x	x	x	
	From Melones	0	x	x	x	0	0	0	0	0	x	x	x	
	Melones for Vern	0	x	x	x	0	0	0	0	0	x	x	x	
	NM avail for FOv	0	x	x	x	0	0	0	0	0	x	x	x	
	From Hensley	0	x	x	x	0	0	0	0	0	x	x	x	
	Hensley for Vern	0	x	x	x	0	0	0	0	0	x	x	x	
	Hensley for DO	0	x	x	x	0	0	0	0	0	x	x	x	
	From Eastman	0	x	x	x	0	0	0	0	0	x	x	x	
	Eastman for Vern	0	x	x	x	0	0	0	0	0	x	x	x	
	Eastman for DO	0	x	x	x	0	0	0	0	0	x	x	x	
	From McClure	0	x	x	x	0	0	0	0	0	x	x	x	
	McClure for Vern	0	x	x	x	0	0	0	0	0	x	x	x	
	McClure for DO	0	x	x	x	0	0	0	0	0	x	x	x	
	From Don Pedro	0	x	x	x	0	0	0	0	0	x	x	x	
	Don Pedro for Vern	0	x	x	x	0	0	0	0	0	x	x	x	
	Don Pedro for DO	0	x	x	x	0	0	0	0	0	x	x	x	
	Storage avail for DO	0	x	x	x	0	0	0	0	0	x	x	x	
	Water Generated	0	x	x	x	0	0	0	0	0	x	x	x	

Alternative 4
Allocation of Supplemental Water for Vernalis Objective

Year		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	
1976	SW (Vernalis)	0	x	x	x	0	0	0	33.0	0	x	x	x	
	Right #	0	x	x	x	0	0	0	63.0	0	x	x	x	
	From DD	0	x	x	x	0	0	0	26.5	0	x	x	x	
	From IO(8)	0	x	x	x	0	0	0	0	0	x	x	x	
	From IO(9)	0	x	x	x	0	0	0	0	0	x	x	x	
	Friant Oblig at NM	0	x	x	x	0	0	0	0	0	x	x	x	
	From Melones	0	x	x	x	0	0	0	0	0	x	x	x	
	Melones for Vern	0	x	x	x	0	0	0	0	0	x	x	x	
	NM avail for FOv	0	x	x	x	0	0	0	0	0	x	x	x	
	From Hensley	0	x	x	x	0	0	0	2.0	0	x	x	x	
	Hensley for Vern	0	x	x	x	0	0	0	2.0	0	x	x	x	
	Hensley for DO	0	x	x	x	0	0	0	0	0	x	x	x	
	From Eastman	0	x	x	x	0	0	0	0	0	x	x	x	
	Eastman for Vern	0	x	x	x	0	0	0	0	0	x	x	x	
	Eastman for DO	0	x	x	x	0	0	0	0	0	x	x	x	
	From McClure	0	x	x	x	0	0	0	9.0	0	x	x	x	
	McClure for Vern	0	x	x	x	0	0	0	9.0	0	x	x	x	
	McClure for DO	0	x	x	x	0	0	0	0	0	x	x	x	
	From Don Pedro	0	x	x	x	0	0	0	0	0	x	x	x	
	Don Pedro for Vern	0	x	x	x	0	0	0	0	0	x	x	x	
	Don Pedro for DO	0	x	x	x	0	0	0	0	0	x	x	x	
	Storage avail for DO	0	x	x	x	0	0	0	0	0	x	x	x	
	Water Generated	0	x	x	x	0	0	0	37.5	0	x	x	x	
	1977	SW (Vernalis)	0	x	x	x	0	0	26.0	45.0	0	x	x	x
		Right #	0	x	x	x	0	0	72+ +	72+ +	0	x	x	x
		From DD	0	x	x	x	0	0	19.5	29.7	0	x	x	x
From IO(8)		0	x	x	x	0	0	0	4.0	0	x	x	x	
From IO(9)		0	x	x	x	0	0	4.0	2.0	0	x	x	x	
Friant Oblig at NM		0	x	x	x	0	0	4.0	6.0	0	x	x	x	
From Melones		0	x	x	x	0	0	0	0	0	x	x	x	
Melones for Vern		0	x	x	x	0	0	0	0	0	x	x	x	
NM avail for FOv		0	x	x	x	0	0	0	0	0	x	x	x	
From Hensley		0	x	x	x	0	0	1.0	0	0	x	x	x	
Hensley for Vern		0	x	x	x	0	0	1.0	0	0	x	x	x	
Hensley for DO		0	x	x	x	0	0	0	0	0	x	x	x	
From Eastman		0	x	x	x	0	0	0	0	0	x	x	x	
Eastman for Vern		0	x	x	x	0	0	0	0	0	x	x	x	
Eastman for DO		0	x	x	x	0	0	0	0	0	x	x	x	
From McClure		0	x	x	x	0	0	0	0	0	x	x	x	
McClure for Vern		0	x	x	x	0	0	0	0	0	x	x	x	
McClure for DO		0	x	x	x	0	0	0	0	0	x	x	x	
From Don Pedro		0	x	x	x	0	0	0	0	0	x	x	x	
Don Pedro for Vern		0	x	x	x	0	0	0	0	0	x	x	x	
Don Pedro for DO		0	x	x	x	0	0	0	0	0	x	x	x	
Storage avail for DO		0	x	x	x	0	0	0	0	0	x	x	x	
Water Generated		0	x	x	x	0	0	24.5	35.7	0	x	x	x	
1978		SW (Vernalis)	0	x	x	x	0	0	0	0	0	x	x	x
		Right #	0	x	x	x	0	0	0	0	0	x	x	x
		From DD	0	x	x	x	0	0	0	0	0	x	x	x
	From IO(8)	0	x	x	x	0	0	0	0	0	x	x	x	
	From IO(9)	0	x	x	x	0	0	0	0	0	x	x	x	
	Friant Oblig at NM	0	x	x	x	0	0	0	0	0	x	x	x	
	From Melones	0	x	x	x	0	0	0	0	0	x	x	x	
	Melones for Vern	0	x	x	x	0	0	0	0	0	x	x	x	
	NM avail for FOv	0	x	x	x	0	0	0	0	0	x	x	x	
	From Hensley	0	x	x	x	0	0	0	0	0	x	x	x	
	Hensley for Vern	0	x	x	x	0	0	0	0	0	x	x	x	
	Hensley for DO	0	x	x	x	0	0	0	0	0	x	x	x	
	From Eastman	0	x	x	x	0	0	0	0	0	x	x	x	
	Eastman for Vern	0	x	x	x	0	0	0	0	0	x	x	x	
	Eastman for DO	0	x	x	x	0	0	0	0	0	x	x	x	
	From McClure	0	x	x	x	0	0	0	0	0	x	x	x	
	McClure for Vern	0	x	x	x	0	0	0	0	0	x	x	x	
	McClure for DO	0	x	x	x	0	0	0	0	0	x	x	x	
	From Don Pedro	0	x	x	x	0	0	0	0	0	x	x	x	
	Don Pedro for Vern	0	x	x	x	0	0	0	0	0	x	x	x	
	Don Pedro for DO	0	x	x	x	0	0	0	0	0	x	x	x	
	Storage avail for DO	0	x	x	x	0	0	0	0	0	x	x	x	
	Water Generated	0	x	x	x	0	0	0	0	0	x	x	x	

Alternative 4
Allocation of Supplemental Water for Vernalis Objective

Year		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	
1979	SW (Vernalis)	0	x	x	x	0	0	0	0	0	x	x	x	
	Right #	0	x	x	x	0	0	0	0	0	x	x	x	
	From DD	0	x	x	x	0	0	0	0	0	x	x	x	
	From IO(8)	0	x	x	x	0	0	0	0	0	x	x	x	
	From IO(9)	0	x	x	x	0	0	0	0	0	x	x	x	
	Friant Oblig at NM	0	x	x	x	0	0	0	0	0	x	x	x	
	From Melones	0	x	x	x	0	0	0	0	0	x	x	x	
	Melones for Vern	0	x	x	x	0	0	0	0	0	x	x	x	
	NM avail for FOv	0	x	x	x	0	0	0	0	0	x	x	x	
	From Hensley	0	x	x	x	0	0	0	0	0	x	x	x	
	Hensley for Vern	0	x	x	x	0	0	0	0	0	x	x	x	
	Hensley for DO	0	x	x	x	0	0	0	0	0	x	x	x	
	From Eastman	0	x	x	x	0	0	0	0	0	x	x	x	
	Eastman for Vern	0	x	x	x	0	0	0	0	0	x	x	x	
	Eastman for DO	0	x	x	x	0	0	0	0	0	x	x	x	
	From McClure	0	x	x	x	0	0	0	0	0	x	x	x	
	McClure for Vern	0	x	x	x	0	0	0	0	0	x	x	x	
	McClure for DO	0	x	x	x	0	0	0	0	0	x	x	x	
	From Don Pedro	0	x	x	x	0	0	0	0	0	x	x	x	
	Don Pedro for Vern	0	x	x	x	0	0	0	0	0	x	x	x	
	Don Pedro for DO	0	x	x	x	0	0	0	0	0	x	x	x	
	Storage avail for DO	0	x	x	x	0	0	0	0	0	x	x	x	
	Water Generated	0	x	x	x	0	0	0	0	0	x	x	x	
	1980	SW (Vernalis)	0	x	x	x	0	0	0	0	0	x	x	x
		Right #	0	x	x	x	0	0	0	0	0	x	x	x
		From DD	0	x	x	x	0	0	0	0	0	x	x	x
From IO(8)		0	x	x	x	0	0	0	0	0	x	x	x	
From IO(9)		0	x	x	x	0	0	0	0	0	x	x	x	
Friant Oblig at NM		0	x	x	x	0	0	0	0	0	x	x	x	
From Melones		0	x	x	x	0	0	0	0	0	x	x	x	
Melones for Vern		0	x	x	x	0	0	0	0	0	x	x	x	
NM avail for FOv		0	x	x	x	0	0	0	0	0	x	x	x	
From Hensley		0	x	x	x	0	0	0	0	0	x	x	x	
Hensley for Vern		0	x	x	x	0	0	0	0	0	x	x	x	
Hensley for DO		0	x	x	x	0	0	0	0	0	x	x	x	
From Eastman		0	x	x	x	0	0	0	0	0	x	x	x	
Eastman for Vern		0	x	x	x	0	0	0	0	0	x	x	x	
Eastman for DO		0	x	x	x	0	0	0	0	0	x	x	x	
From McClure		0	x	x	x	0	0	0	0	0	x	x	x	
McClure for Vern		0	x	x	x	0	0	0	0	0	x	x	x	
McClure for DO		0	x	x	x	0	0	0	0	0	x	x	x	
From Don Pedro		0	x	x	x	0	0	0	0	0	x	x	x	
Don Pedro for Vern		0	x	x	x	0	0	0	0	0	x	x	x	
Don Pedro for DO		0	x	x	x	0	0	0	0	0	x	x	x	
Storage avail for DO		0	x	x	x	0	0	0	0	0	x	x	x	
Water Generated		0	x	x	x	0	0	0	0	0	x	x	x	
1981		SW (Vernalis)	0	x	x	x	0	0	0	19.0	17.0	x	x	x
		Right #	0	x	x	x	0	0	0	16.0	58.0	x	x	x
		From DD	0	x	x	x	0	0	0	1.4	18.7	x	x	x
	From IO(8)	0	x	x	x	0	0	0	0	0	x	x	x	
	From IO(9)	0	x	x	x	0	0	0	0	0	x	x	x	
	Friant Oblig at NM	0	x	x	x	0	0	0	0.0	0	x	x	x	
	From Melones	0	x	x	x	0	0	0	0	0	x	x	x	
	Melones for Vern	0	x	x	x	0	0	0	0	0	x	x	x	
	NM avail for FOv	0	x	x	x	0	0	0	0	0	x	x	x	
	From Hensley	0	x	x	x	0	0	0	1.0	0	x	x	x	
	Hensley for Vern	0	x	x	x	0	0	0	1.0	0	x	x	x	
	Hensley for DO	0	x	x	x	0	0	0	0	0	x	x	x	
	From Eastman	0	x	x	x	0	0	0	0	0	x	x	x	
	Eastman for Vern	0	x	x	x	0	0	0	0	0	x	x	x	
	Eastman for DO	0	x	x	x	0	0	0	0	0	x	x	x	
	From McClure	0	x	x	x	0	0	0	70.0	0	x	x	x	
	McClure for Vern	0	x	x	x	0	0	0	16.6	0	x	x	x	
	McClure for DO	0	x	x	x	0	0	0	53.4	0	x	x	x	
	From Don Pedro	0	x	x	x	0	0	0	0	0	x	x	x	
	Don Pedro for Vern	0	x	x	x	0	0	0	0	0	x	x	x	
	Don Pedro for DO	0	x	x	x	0	0	0	0	0	x	x	x	
	Storage avail for DO	0	x	x	x	0	0	0	53.4	0	x	x	x	
	Water Generated	0	x	x	x	0	0	0	19.0	18.7	x	x	x	

Alternative 4
Allocation of Supplemental Water for Vernalis Objective

Year		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	
1982	SW (Vernalis)	10.0	x	x	x	0	0	0	0	0	x	x	x	
	Right #	71.0	x	x	x	0	0	0	0	0	x	x	x	
	From DD	3.6	x	x	x	0	0	0	0	0	x	x	x	
	From IO(8)	6.0	x	x	x	0	0	0	0	0	x	x	x	
	From IO(9)	0	x	x	x	0	0	0	0	0	x	x	x	
	Friant Oblig at NM	6.4	x	x	x	0	0	0	0	0	x	x	x	
	From Melones	0	x	x	x	0	0	0	0	0	x	x	x	
	Melones for Vern	0	x	x	x	0	0	0	0	0	x	x	x	
	NM avail for FOv	0	x	x	x	0	0	0	0	0	x	x	x	
	From Hensley	0	x	x	x	0	0	0	0	0	x	x	x	
	Hensley for Vern	0	x	x	x	0	0	0	0	0	x	x	x	
	Hensley for DO	0	x	x	x	0	0	0	0	0	x	x	x	
	From Eastman	0	x	x	x	0	0	0	0	0	x	x	x	
	Eastman for Vern	0	x	x	x	0	0	0	0	0	x	x	x	
	Eastman for DO	0	x	x	x	0	0	0	0	0	x	x	x	
	From McClure	0	x	x	x	0	0	0	0	0	x	x	x	
	McClure for Vern	0	x	x	x	0	0	0	0	0	x	x	x	
	McClure for DO	0	x	x	x	0	0	0	0	0	x	x	x	
	From Don Pedro	0	x	x	x	0	0	0	0	0	x	x	x	
	Don Pedro for Vern	0	x	x	x	0	0	0	0	0	x	x	x	
	Don Pedro for DO	0	x	x	x	0	0	0	0	0	x	x	x	
	Storage avail for DO	0	x	x	x	0	0	0	0	0	x	x	x	
	Water Generated	10.0	x	x	x	0	0	0	0	0	x	x	x	
	1983	SW (Vernalis)	0	x	x	x	0	0	0	0	0	x	x	x
		Right #	0	x	x	x	0	0	0	0	0	x	x	x
		From DD	0	x	x	x	0	0	0	0	0	x	x	x
From IO(8)		0	x	x	x	0	0	0	0	0	x	x	x	
From IO(9)		0	x	x	x	0	0	0	0	0	x	x	x	
Friant Oblig at NM		0	x	x	x	0	0	0	0	0	x	x	x	
From Melones		0	x	x	x	0	0	0	0	0	x	x	x	
Melones for Vern		0	x	x	x	0	0	0	0	0	x	x	x	
NM avail for FOv		0	x	x	x	0	0	0	0	0	x	x	x	
From Hensley		0	x	x	x	0	0	0	0	0	x	x	x	
Hensley for Vern		0	x	x	x	0	0	0	0	0	x	x	x	
Hensley for DO		0	x	x	x	0	0	0	0	0	x	x	x	
From Eastman		0	x	x	x	0	0	0	0	0	x	x	x	
Eastman for Vern		0	x	x	x	0	0	0	0	0	x	x	x	
Eastman for DO		0	x	x	x	0	0	0	0	0	x	x	x	
From McClure		0	x	x	x	0	0	0	0	0	x	x	x	
McClure for Vern		0	x	x	x	0	0	0	0	0	x	x	x	
McClure for DO		0	x	x	x	0	0	0	0	0	x	x	x	
From Don Pedro		0	x	x	x	0	0	0	0	0	x	x	x	
Don Pedro for Vern		0	x	x	x	0	0	0	0	0	x	x	x	
Don Pedro for DO		0	x	x	x	0	0	0	0	0	x	x	x	
Storage avail for DO		0	x	x	x	0	0	0	0	0	x	x	x	
Water Generated		0	x	x	x	0	0	0	0	0	x	x	x	
1984		SW (Vernalis)	0	x	x	x	0	0	57.0	111.7	29.0	x	x	x
		Right #	0	x	x	x	0	0	63.0	16.0	21.0	x	x	x
		From DD	0	x	x	x	0	0	17.7	1.4	3.7	x	x	x
	From IO(8)	0	x	x	x	0	0	0	0	0	x	x	x	
	From IO(9)	0	x	x	x	0	0	0	0	0	x	x	x	
	Friant Oblig at NM	0	x	x	x	0	0	0	0	0	x	x	x	
	From Melones	0	x	x	x	0	0	0	0	0	x	x	x	
	Melones for Vern	0	x	x	x	0	0	0	0	0	x	x	x	
	NM avail for FOv	0	x	x	x	0	0	0	0	0	x	x	x	
	From Hensley	0	x	x	x	0	0	0	0	0	x	x	x	
	Hensley for Vern	0	x	x	x	0	0	0	0	0	x	x	x	
	Hensley for DO	0	x	x	x	0	0	0	0	0	x	x	x	
	From Eastman	0	x	x	x	0	0	0	0	0	x	x	x	
	Eastman for Vern	0	x	x	x	0	0	0	0	0	x	x	x	
	Eastman for DO	0	x	x	x	0	0	0	0	0	x	x	x	
	From McClure	0	x	x	x	0	0	40.0	138.0	0	x	x	x	
	McClure for Vern	0	x	x	x	0	0	40.0	110.6	0	x	x	x	
	McClure for DO	0	x	x	x	0	0	0	27.4	0	x	x	x	
	From Don Pedro	0	x	x	x	0	0	0	0	117.0	x	x	x	
	Don Pedro for Vern	0	x	x	x	0	0	0	0	25.3	x	x	x	
	Don Pedro for DO	0	x	x	x	0	0	0	0	91.7	x	x	x	
	Storage avail for DO	0	x	x	x	0	0	0	27.4	91.7	x	x	x	
	Water Generated	0	x	x	x	0	0	57.7	112.0	29.0	x	x	x	

Alternative 4
Allocation of Supplemental Water for Vernalis Objective

Year		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	
1985	SW (Vernalis)	0	x	x	x	0	0	0	0	14.0	x	x	x	
	Right #	0	x	x	x	0	0	0	0	56.0	x	x	x	
	From DD	0	x	x	x	0	0	0	0	14.5	x	x	x	
	From IO(8)	0	x	x	x	0	0	0	0	0	x	x	x	
	From IO(9)	0	x	x	x	0	0	0	0	0	x	x	x	
	Friant Oblig at NM	0	x	x	x	0	0	0	0	0	x	x	x	
	From Melones	0	x	x	x	0	0	0	0	0	x	x	x	
	Melones for Vern	0	x	x	x	0	0	0	0	0	x	x	x	
	NM avail for FOv	0	x	x	x	0	0	0	0	0	x	x	x	
	From Hensley	0	x	x	x	0	0	0	0	0	x	x	x	
	Hensley for Vern	0	x	x	x	0	0	0	0	0	x	x	x	
	Hensley for DO	0	x	x	x	0	0	0	0	0	x	x	x	
	From Eastman	0	x	x	x	0	0	0	0	0	x	x	x	
	Eastman for Vern	0	x	x	x	0	0	0	0	0	x	x	x	
	Eastman for DO	0	x	x	x	0	0	0	0	0	x	x	x	
	From McClure	0	x	x	x	0	0	0	0	0	x	x	x	
	McClure for Vern	0	x	x	x	0	0	0	0	0	x	x	x	
	McClure for DO	0	x	x	x	0	0	0	0	0	x	x	x	
	From Don Pedro	0	x	x	x	0	0	0	0	0	x	x	x	
	Don Pedro for Vern	0	x	x	x	0	0	0	0	0	x	x	x	
	Don Pedro for DO	0	x	x	x	0	0	0	0	0	x	x	x	
	Storage avail for DO	0	x	x	x	0	0	0	0	0	x	x	x	
	Water Generated	0	x	x	x	0	0	0	0	0	14.5	x	x	x
	1986	SW (Vernalis)	0	x	x	x	0	0	0	0	0	x	x	x
		Right #	0	x	x	x	0	0	0	0	0	x	x	x
		From DD	0	x	x	x	0	0	0	0	0	x	x	x
From IO(8)		0	x	x	x	0	0	0	0	0	x	x	x	
From IO(9)		0	x	x	x	0	0	0	0	0	x	x	x	
Friant Oblig at NM		0	x	x	x	0	0	0	0	0	x	x	x	
From Melones		0	x	x	x	0	0	0	0	0	x	x	x	
Melones for Vern		0	x	x	x	0	0	0	0	0	x	x	x	
NM avail for FOv		0	x	x	x	0	0	0	0	0	x	x	x	
From Hensley		0	x	x	x	0	0	0	0	0	x	x	x	
Hensley for Vern		0	x	x	x	0	0	0	0	0	x	x	x	
Hensley for DO		0	x	x	x	0	0	0	0	0	x	x	x	
From Eastman		0	x	x	x	0	0	0	0	0	x	x	x	
Eastman for Vern		0	x	x	x	0	0	0	0	0	x	x	x	
Eastman for DO		0	x	x	x	0	0	0	0	0	x	x	x	
From McClure		0	x	x	x	0	0	0	0	0	x	x	x	
McClure for Vern		0	x	x	x	0	0	0	0	0	x	x	x	
McClure for DO		0	x	x	x	0	0	0	0	0	x	x	x	
From Don Pedro		0	x	x	x	0	0	0	0	0	x	x	x	
Don Pedro for Vern		0	x	x	x	0	0	0	0	0	x	x	x	
Don Pedro for DO		0	x	x	x	0	0	0	0	0	x	x	x	
Storage avail for DO		0	x	x	x	0	0	0	0	0	x	x	x	
Water Generated		0	x	x	x	0	0	0	0	0	0	x	x	x
1987		SW (Vernalis)	0	x	x	x	0	0	0	0	0	x	x	x
		Right #	0	x	x	x	0	0	0	0	0	x	x	x
		From DD	0	x	x	x	0	0	0	0	0	x	x	x
	From IO(8)	0	x	x	x	0	0	0	0	0	x	x	x	
	From IO(9)	0	x	x	x	0	0	0	0	0	x	x	x	
	Friant Oblig at NM	0	x	x	x	0	0	0	0	0	x	x	x	
	From Melones	0	x	x	x	0	0	0	0	0	x	x	x	
	Melones for Vern	0	x	x	x	0	0	0	0	0	x	x	x	
	NM avail for FOv	0	x	x	x	0	0	0	0	0	x	x	x	
	From Hensley	0	x	x	x	0	0	0	0	0	x	x	x	
	Hensley for Vern	0	x	x	x	0	0	0	0	0	x	x	x	
	Hensley for DO	0	x	x	x	0	0	0	0	0	x	x	x	
	From Eastman	0	x	x	x	0	0	0	0	0	x	x	x	
	Eastman for Vern	0	x	x	x	0	0	0	0	0	x	x	x	
	Eastman for DO	0	x	x	x	0	0	0	0	0	x	x	x	
	From McClure	0	x	x	x	0	0	0	0	0	x	x	x	
	McClure for Vern	0	x	x	x	0	0	0	0	0	x	x	x	
	McClure for DO	0	x	x	x	0	0	0	0	0	x	x	x	
	From Don Pedro	0	x	x	x	0	0	0	0	0	x	x	x	
	Don Pedro for Vern	0	x	x	x	0	0	0	0	0	x	x	x	
	Don Pedro for DO	0	x	x	x	0	0	0	0	0	x	x	x	
	Storage avail for DO	0	x	x	x	0	0	0	0	0	x	x	x	
	Water Generated	0	x	x	x	0	0	0	0	0	0	x	x	x

Alternative 4
Allocation of Supplemental Water for Vernalis Objective

Year		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	
1988	SW (Vernalis)	23.0	x	x	x	0	0	0	0	0	x	x	x	
	Right #	72+	x	x	x	0	0	0	0	0	x	x	x	
	From DD	3.6	x	x	x	0	0	0	0	0	x	x	x	
	From IO(8)	3.0	x	x	x	0	0	0	0	0	x	x	x	
	From IO(9)	28.0	x	x	x	0	0	0	0	0	x	x	x	
	Friant Oblig at NM	19.4	x	x	x	0	0	0	0	0	x	x	x	
	From Melones	0	x	x	x	0	0	0	0	0	x	x	x	
	Melones for Vern	0	x	x	x	0	0	0	0	0	x	x	x	
	NM avail for FOv	0	x	x	x	0	0	0	0	0	x	x	x	
	From Hensley	0	x	x	x	0	0	0	0	0	x	x	x	
	Hensley for Vern	0	x	x	x	0	0	0	0	0	x	x	x	
	Hensley for DO	0	x	x	x	0	0	0	0	0	x	x	x	
	From Eastman	0	x	x	x	0	0	0	0	0	x	x	x	
	Eastman for Vern	0	x	x	x	0	0	0	0	0	x	x	x	
	Eastman for DO	0	x	x	x	0	0	0	0	0	x	x	x	
	From McClure	0	x	x	x	0	0	0	0	0	x	x	x	
	McClure for Vern	0	x	x	x	0	0	0	0	0	x	x	x	
	McClure for DO	0	x	x	x	0	0	0	0	0	x	x	x	
	From Don Pedro	0	x	x	x	0	0	0	0	0	x	x	x	
	Don Pedro for Vern	0	x	x	x	0	0	0	0	0	x	x	x	
	Don Pedro for DO	0	x	x	x	0	0	0	0	0	x	x	x	
	Storage avail for DO	0	x	x	x	0	0	0	0	0	x	x	x	
	Water Generated	23.0	x	x	x	0	0	0	0	0	x	x	x	
	1989	SW (Vernalis)	0	x	x	x	0	0	0	0	0	x	x	x
		Right #	0	x	x	x	0	0	0	0	0	x	x	x
		From DD	0	x	x	x	0	0	0	0	0	x	x	x
From IO(8)		0	x	x	x	0	0	0	0	0	x	x	x	
From IO(9)		0	x	x	x	0	0	0	0	0	x	x	x	
Friant Oblig at NM		0	x	x	x	0	0	0	0	0	x	x	x	
From Melones		0	x	x	x	0	0	0	0	0	x	x	x	
Melones for Vern		0	x	x	x	0	0	0	0	0	x	x	x	
NM avail for FOv		0	x	x	x	0	0	0	0	0	x	x	x	
From Hensley		0	x	x	x	0	0	0	0	0	x	x	x	
Hensley for Vern		0	x	x	x	0	0	0	0	0	x	x	x	
Hensley for DO		0	x	x	x	0	0	0	0	0	x	x	x	
From Eastman		0	x	x	x	0	0	0	0	0	x	x	x	
Eastman for Vern		0	x	x	x	0	0	0	0	0	x	x	x	
Eastman for DO		0	x	x	x	0	0	0	0	0	x	x	x	
From McClure		0	x	x	x	0	0	0	0	0	x	x	x	
McClure for Vern		0	x	x	x	0	0	0	0	0	x	x	x	
McClure for DO		0	x	x	x	0	0	0	0	0	x	x	x	
From Don Pedro		0	x	x	x	0	0	0	0	0	x	x	x	
Don Pedro for Vern		0	x	x	x	0	0	0	0	0	x	x	x	
Don Pedro for DO		0	x	x	x	0	0	0	0	0	x	x	x	
Storage avail for DO		0	x	x	x	0	0	0	0	0	x	x	x	
Water Generated		0	x	x	x	0	0	0	0	0	x	x	x	
1990		SW (Vernalis)	0	x	x	x	0	0	0	0	0	x	x	x
		Right #	0	x	x	x	0	0	0	0	0	x	x	x
		From DD	0	x	x	x	0	0	0	0	0	x	x	x
	From IO(8)	0	x	x	x	0	0	0	0	0	x	x	x	
	From IO(9)	0	x	x	x	0	0	0	0	0	x	x	x	
	Friant Oblig at NM	0	x	x	x	0	0	0	0	0	x	x	x	
	From Melones	0	x	x	x	0	0	0	0	0	x	x	x	
	Melones for Vern	0	x	x	x	0	0	0	0	0	x	x	x	
	NM avail for FOv	0	x	x	x	0	0	0	0	0	x	x	x	
	From Hensley	0	x	x	x	0	0	0	0	0	x	x	x	
	Hensley for Vern	0	x	x	x	0	0	0	0	0	x	x	x	
	Hensley for DO	0	x	x	x	0	0	0	0	0	x	x	x	
	From Eastman	0	x	x	x	0	0	0	0	0	x	x	x	
	Eastman for Vern	0	x	x	x	0	0	0	0	0	x	x	x	
	Eastman for DO	0	x	x	x	0	0	0	0	0	x	x	x	
	From McClure	0	x	x	x	0	0	0	0	0	x	x	x	
	McClure for Vern	0	x	x	x	0	0	0	0	0	x	x	x	
	McClure for DO	0	x	x	x	0	0	0	0	0	x	x	x	
	From Don Pedro	0	x	x	x	0	0	0	0	0	x	x	x	
	Don Pedro for Vern	0	x	x	x	0	0	0	0	0	x	x	x	
	Don Pedro for DO	0	x	x	x	0	0	0	0	0	x	x	x	
	Storage avail for DO	0	x	x	x	0	0	0	0	0	x	x	x	
	Water Generated	0	x	x	x	0	0	0	0	0	x	x	x	

Alternative 4
Allocation of Supplemental Water for Vernalis Objective

Year		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	
1991	SW (Vernalis)	0	x	x	x	0	0	0	0	0	x	x	x	
	Right #	0	x	x	x	0	0	0	0	0	x	x	x	
	From DD	0	x	x	x	0	0	0	0	0	x	x	x	
	From IO(8)	0	x	x	x	0	0	0	0	0	x	x	x	
	From IO(9)	0	x	x	x	0	0	0	0	0	x	x	x	
	Friant Oblig at NM	0	x	x	x	0	0	0	0	0	x	x	x	
	From Melones	0	x	x	x	0	0	0	0	0	x	x	x	
	Melones for Vern	0	x	x	x	0	0	0	0	0	x	x	x	
	NM avail for FOv	0	x	x	x	0	0	0	0	0	x	x	x	
	From Hensley	0	x	x	x	0	0	0	0	0	x	x	x	
	Hensley for Vern	0	x	x	x	0	0	0	0	0	x	x	x	
	Hensley for DO	0	x	x	x	0	0	0	0	0	x	x	x	
	From Eastman	0	x	x	x	0	0	0	0	0	x	x	x	
	Eastman for Vern	0	x	x	x	0	0	0	0	0	x	x	x	
	Eastman for DO	0	x	x	x	0	0	0	0	0	x	x	x	
	From McClure	0	x	x	x	0	0	0	0	0	x	x	x	
	McClure for Vern	0	x	x	x	0	0	0	0	0	x	x	x	
	McClure for DO	0	x	x	x	0	0	0	0	0	x	x	x	
	From Don Pedro	0	x	x	x	0	0	0	0	0	x	x	x	
	Don Pedro for Vern	0	x	x	x	0	0	0	0	0	x	x	x	
	Don Pedro for DO	0	x	x	x	0	0	0	0	0	x	x	x	
	Storage avail for DO	0	x	x	x	0	0	0	0	0	x	x	x	
	Water Generated	0	x	x	x	0	0	0	0	0	x	x	x	
	1992	SW (Vernalis)	0	x	x	x	0	0	0	22.0	0	x	x	x
		Right #	0	x	x	x	0	0	0	16.0	0	x	x	x
		From DD	0	x	x	x	0	0	0	1.4	0	x	x	x
		From IO(8)	0	x	x	x	0	0	0	0	0	x	x	x
From IO(9)		0	x	x	x	0	0	0	0	0	x	x	x	
Friant Oblig at NM		0	x	x	x	0	0	0	0.0	0	x	x	x	
From Melones		0	x	x	x	0	0	0	0	0	x	x	x	
Melones for Vern		0	x	x	x	0	0	0	0	0	x	x	x	
NM avail for FOv		0	x	x	x	0	0	0	0	0	x	x	x	
From Hensley		0	x	x	x	0	0	0	1.0	0	x	x	x	
Hensley for Vern		0	x	x	x	0	0	0	1.0	0	x	x	x	
Hensley for DO		0	x	x	x	0	0	0	0	0	x	x	x	
From Eastman		0	x	x	x	0	0	0	0	0	x	x	x	
Eastman for Vern		0	x	x	x	0	0	0	0	0	x	x	x	
Eastman for DO		0	x	x	x	0	0	0	0	0	x	x	x	
From McClure		0	x	x	x	0	0	0	24.0	0	x	x	x	
McClure for Vern		0	x	x	x	0	0	0	19.6	0	x	x	x	
McClure for DO		0	x	x	x	0	0	0	4.4	0	x	x	x	
From Don Pedro		0	x	x	x	0	0	0	0	0	x	x	x	
Don Pedro for Vern		0	x	x	x	0	0	0	0	0	x	x	x	
Don Pedro for DO		0	x	x	x	0	0	0	0	0	x	x	x	
Storage avail for DO		0	x	x	x	0	0	0	4.4	0	x	x	x	
Water Generated		0	x	x	x	0	0	0	22.0	0	x	x	x	
1993		SW (Vernalis)	0	x	x	x	0	0	84.8	0	0	x	x	x
		Right #	0	x	x	x	0	0	16.0	0	0	x	x	x
		From DD	0	x	x	x	0	0	1.1	0	0	x	x	x
		From IO(8)	0	x	x	x	0	0	0	0	0	x	x	x
	From IO(9)	0	x	x	x	0	0	0	0	0	x	x	x	
	Friant Oblig at NM	0	x	x	x	0	0	0	0	0	x	x	x	
	From Melones	0	x	x	x	0	0	42.0	0	0	x	x	x	
	Melones for Vern	0	x	x	x	0	0	42.0	0	0	x	x	x	
	NM avail for FOv	0	x	x	x	0	0	0	0	0	x	x	x	
	From Hensley	0	x	x	x	0	0	9.0	0	0	x	x	x	
	Hensley for Vern	0	x	x	x	0	0	9.0	0	0	x	x	x	
	Hensley for DO	0	x	x	x	0	0	0	0	0	x	x	x	
	From Eastman	0	x	x	x	0	0	9.0	0	0	x	x	x	
	Eastman for Vern	0	x	x	x	0	0	9.0	0	0	x	x	x	
	Eastman for DO	0	x	x	x	0	0	0	0	0	x	x	x	
	From McClure	0	x	x	x	0	0	96.0	0	0	x	x	x	
	McClure for Vern	0	x	x	x	0	0	23.9	0	0	x	x	x	
	McClure for DO	0	x	x	x	0	0	0	0	0	x	x	x	
	From Don Pedro	0	x	x	x	0	0	0	0	0	x	x	x	
	Don Pedro for Vern	0	x	x	x	0	0	0	0	0	x	x	x	
	Don Pedro for DO	0	x	x	x	0	0	0	0	0	x	x	x	
	Storage avail for DO	0	x	x	x	0	0	0	0	0	x	x	x	
	Water Generated	0	x	x	x	0	0	85.0	0	0	x	x	x	

Alternative 4
Allocation of Supplemental Water for Vernalis Objective

Year		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1994	SW (Vernalis)	0	x	x	x	0	0	0	0	0	x	x	x
	Right #	0	x	x	x	0	0	0	0	0	x	x	x
	From DD	0	x	x	x	0	0	0	0	0	x	x	x
	From IO(8)	0	x	x	x	0	0	0	0	0	x	x	x
	From IO(9)	0	x	x	x	0	0	0	0	0	x	x	x
	Friant Oblig at NM	0	x	x	x	0	0	0	0	0	x	x	x
	From Melones	0	x	x	x	0	0	0	0	0	x	x	x
	Melones for Vern	0	x	x	x	0	0	0	0	0	x	x	x
	NM avail for FOv	0	x	x	x	0	0	0	0	0	x	x	x
	From Hensley	0	x	x	x	0	0	0	0	0	x	x	x
	Hensley for Vern	0	x	x	x	0	0	0	0	0	x	x	x
	Hensley for DO	0	x	x	x	0	0	0	0	0	x	x	x
	From Eastman	0	x	x	x	0	0	0	0	0	x	x	x
	Eastman for Vern	0	x	x	x	0	0	0	0	0	x	x	x
	Eastman for DO	0	x	x	x	0	0	0	0	0	x	x	x
	From McClure	0	x	x	x	0	0	0	0	0	x	x	x
	McClure for Vern	0	x	x	x	0	0	0	0	0	x	x	x
	McClure for DO	0	x	x	x	0	0	0	0	0	x	x	x
	From Don Pedro	0	x	x	x	0	0	0	0	0	x	x	x
	Don Pedro for Vern	0	x	x	x	0	0	0	0	0	x	x	x
	Don Pedro for DO	0	x	x	x	0	0	0	0	0	x	x	x
	Storage avail for DO	0	x	x	x	0	0	0	0	0	x	x	x
	Water Generated	0	x	x	x	0	0	0	0	0	x	x	x

Alternative 4
Allocation of Supplemental Water for Delta Outflow

Year		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1922	SW (Alt4)	0	0	0	0	0	0	0	0	0	349.9	255.8	5.9
	From Storage	0	0	0	0	0	0	0	0	0	0	0	0
	From DD	0	0	0	0	0	0	0	0	0	166.2	115.3	0
	From DD - SJ	0	0	0	0	0	0	0	0	0	39.1	28.2	0
	From IO Sac	0	0	0	0	0	0	0	0	0	122.7	113.6	0
	From IO(8) Friant	0	0	0	0	0	0	0	0	0	0	0	0
	From IO(9) Friant	0	0	0	0	0	0	0	0	0	0	0	0
	Water Generated	0	0	0	0	0	0	0	0	0	288.9	228.9	0
	Proj Obligation	0	0	0	0	0	0	0	0	0	61.0	27.0	5.9
	Cutoff Group	0	0	0	0	0	0	0	0	0	7.0	7.0	(0)
1923	SW (Alt4)	0	0	0	0	0	0	0	0	325.2	585.0	374.8	0
	From Storage	0	0	0	0	0	0	0	0	192.0	0	0	0
	From DD	0	0	0	0	0	0	0	0	43.5	172.6	115.3	0
	From DD - SJ	0	0	0	0	0	0	0	0	13.8	39.1	28.2	0
	From IO Sac	0	0	0	0	0	0	0	0	78.8	210.5	113.6	0
	From IO(8) Friant	0	0	0	0	0	0	0	0	0	76.0	0	0
	From IO(9) Friant	0	0	0	0	0	0	0	0	0	0	0	0
	Water Generated	0	0	0	0	0	0	0	0	314.3	459.1	228.9	0
	Proj Obligation	0	0	0	0	0	0	0	0	10.9	125.9	145.9	0
	Cutoff Group	0	0	0	0	0	0	0	0	4.0	8.0	7.0	0
1924	SW (Alt4)	0	0	0	0	0	13.9	159.0	319.0	571.0	521.0	239.7	0
	From Storage	0	0	0	0	0	0	94.0	47.0	8.0	0	0	0
	From DD	0	0	0	0	0	0	19.9	98.6	154.9	172.6	115.3	0
	From DD - SJ	0	0	0	0	0	0	10.3	29.7	37.5	39.1	28.2	0
	From IO Sac	0	0	0	0	0	0	25.9	161.6	174.4	168.7	75.2	0
	From IO(8) Friant	0	0	0	0	0	0	0	3.0	27.0	44.0	0	0
	From IO(9) Friant	0	0	0	0	0	0	0	0	0	0	0	0
	Water Generated	0	0	0	0	0	0	139.8	310.2	364.3	385.3	190.5	0
	Proj Obligation	0	0	0	0	0	13.9	19.2	8.8	206.7	135.7	49.2	0
	Cutoff Group	0	0	0	0	0	(0)	4.0	8.0	8.0	8.0	7.0	0
1925	SW (Alt4)	6.3	0	0	0	0	0	0	0	372.5	577.0	273.0	5.6
	From Storage	0	0	0	0	0	0	0	0	261.0	0	0	0
	From DD	0	0	0	0	0	0	0	0	37.4	172.6	115.3	0
	From DD - SJ	0	0	0	0	0	0	0	0	11.2	39.1	28.2	0
	From IO Sac	0	0	0	0	0	0	0	0	9.8	210.5	113.6	0
	From IO(8) Friant	0	0	0	0	0	0	0	0	0	61.0	0	0
	From IO(9) Friant	0	0	0	0	0	0	0	0	0	0	0	0
	Water Generated	0	0	0	0	0	0	0	0	308.2	444.1	228.9	0
	Proj Obligation	6.3	0	0	0	0	0	0	0	64.3	132.9	44.1	5.6
	Cutoff Group	(0)	0	0	0	0	0	0	0	3.0	8.0	7.0	(0)
1926	SW (Alt4)	0	0	0	0	0	0	0	95.0	753.7	811.6	417.7	0
	From Storage	0	0	0	0	0	0	0	0	6.0	0	0	0
	From DD	0	0	0	0	0	0	0	0	154.9	172.6	119.9	0
	From DD - SJ	0	0	0	0	0	0	0	0	37.5	39.1	28.2	0
	From IO Sac	0	0	0	0	0	0	0	0	210.5	210.5	183.2	0
	From IO(8) Friant	0	0	0	0	0	0	0	0	63.0	72.0	29.0	0
	From IO(9) Friant	0	0	0	0	0	0	0	0	0	0	0	0
	Water Generated	0	0	0	0	0	0	0	0	434.4	455.1	332.1	0
	Proj Obligation	0	0	0	0	0	0	0	95.0	319.3	356.5	85.6	0
	Cutoff Group	0	0	0	0	0	0	0	(0)	8.0	8.0	8.0	0
1927	SW (Alt4)	0	0	0	0	0	0	0	0	0	566.5	353.8	0
	From Storage	0	0	0	0	0	0	0	0	0	0	0	0
	From DD	0	0	0	0	0	0	0	0	0	172.6	115.3	0
	From DD - SJ	0	0	0	0	0	0	0	0	0	39.1	28.2	0
	From IO Sac	0	0	0	0	0	0	0	0	0	210.5	113.6	0
	From IO(8) Friant	0	0	0	0	0	0	0	0	0	99.0	0	0
	From IO(9) Friant	0	0	0	0	0	0	0	0	0	0	0	0
	Water Generated	0	0	0	0	0	0	0	0	0	482.1	228.9	0
	Proj Obligation	0	0	0	0	0	0	0	0	0	84.3	125.0	0
	Cutoff Group	0	0	0	0	0	0	0	0	0	8.0	7.0	0

Alternative 4
Allocation of Supplemental Water for Delta Outflow

Year		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1928	SW (Alt4)	0	0	0	0	0	0	0	0	591.0	896.1	433.3	0
	From Storage	0	0	0	0	0	0	0	0	22.0	0	0	0
	From DD	0	0	0	0	0	0	0	0	154.9	172.6	119.9	0
	From DD - SJ	0	0	0	0	0	0	0	0	37.5	39.1	28.2	0
	From IO Sac	0	0	0	0	0	0	0	0	198.0	490.3	183.2	0
	From IO(8) Friant	0	0	0	0	0	0	0	0	65.0	63.0	19.0	0
	From IO(9) Friant	0	0	0	0	0	0	0	0	0	61.0	0	0
	Water Generated	0	0	0	0	0	0	0	0	439.9	786.9	322.1	0
	Proj Obligation	0	0	0	0	0	0	0	0	151.1	109.2	111.2	0
	Cutoff Group	0	0	0	0	0	0	0	0	8.0	9.0	8.0	0
1929	SW (Alt4)	0	0	0	0	0	0	0	0	208.0	551.6	301.3	0
	From Storage	0	0	0	0	0	0	0	0	96.0	10.0	15.0	0
	From DD	0	0	0	0	0	0	0	0	43.5	172.6	115.3	0
	From DD - SJ	0	0	0	0	0	0	0	0	13.8	39.1	28.2	0
	From IO Sac	0	0	0	0	0	0	0	0	58.9	168.7	75.2	0
	From IO(8) Friant	0	0	0	0	0	0	0	0	0	44.0	0	0
	From IO(9) Friant	0	0	0	0	0	0	0	0	0	0	0	0
	Water Generated	0	0	0	0	0	0	0	0	198.4	395.3	205.5	0
	Proj Obligation	0	0	0	0	0	0	0	0	9.6	156.3	95.8	0
	Cutoff Group	0	0	0	0	0	0	0	0	4.0	8.0	7.0	0
1930	SW (Alt4)	0	0	0	0	0	0	0	0	587.0	613.3	267.0	0
	From Storage	0	0	0	0	0	0	0	0	192.0	14.0	17.0	0
	From DD	0	0	0	0	0	0	0	0	154.9	172.6	115.3	0
	From DD - SJ	0	0	0	0	0	0	0	0	37.5	39.1	28.2	0
	From IO Sac	0	0	0	0	0	0	0	0	175.1	178.3	78.1	0
	From IO(8) Friant	0	0	0	0	0	0	0	0	47.0	46.0	0	0
	From IO(9) Friant	0	0	0	0	0	0	0	0	0	0	0	0
	Water Generated	0	0	0	0	0	0	0	0	569.0	410.9	210.4	0
	Proj Obligation	0	0	0	0	0	0	0	0	18.0	202.3	56.6	0
	Cutoff Group	0	0	0	0	0	0	0	0	8.0	8.0	7.0	0
1931	SW (Alt4)	0	0	0	0	0	22.2	156.0	157.0	445.0	475.5	310.7	0
	From Storage	0	0	0	0	0	0	112.0	49.0	7.0	0	0	0
	From DD	0	0	0	0	0	0	17.6	29.9	154.9	172.6	119.9	0
	From DD - SJ	0	0	0	0	0	0	9.3	12.3	37.5	39.1	28.2	0
	From IO Sac	0	0	0	0	0	0	0.2	48.3	174.4	168.7	137.4	0
	From IO(8) Friant	0	0	0	0	0	0	0	0	31.0	47.0	19.0	0
	From IO(9) Friant	0	0	0	0	0	0	0	0	0	0	0	0
	Water Generated	0	0	0	0	0	0	129.8	127.2	367.3	388.3	276.3	0
	Proj Obligation	0	0	0	0	0	22.2	26.2	29.8	77.7	87.2	34.4	0
	Cutoff Group	0	0	0	0	0	(0)	3.0	4.0	8.0	8.0	8.0	0
1932	SW (Alt4)	0	0	0	0	0	0	0	0	42.8	500.2	245.9	0
	From Storage	0	0	0	0	0	0	0	0	0	0	0	0
	From DD	0	0	0	0	0	0	0	0	0	172.6	115.3	0
	From DD - SJ	0	0	0	0	0	0	0	0	0	39.1	28.2	0
	From IO Sac	0	0	0	0	0	0	0	0	0	178.3	78.1	0
	From IO(8) Friant	0	0	0	0	0	0	0	0	0	96.0	0	0
	From IO(9) Friant	0	0	0	0	0	0	0	0	0	0	0	0
	Water Generated	0	0	0	0	0	0	0	0	0	446.9	193.4	0
	Proj Obligation	0	0	0	0	0	0	0	0	42.8	53.3	52.5	0
	Cutoff Group	0	0	0	0	0	0	0	0	(0)	8.0	7.0	0
1933	SW (Alt4)	0	0	0	0	0	0	0	0	150.4	484.9	337.3	0
	From Storage	0	0	0	0	0	0	0	0	0	0	0	0
	From DD	0	0	0	0	0	0	0	0	0	172.6	119.9	0
	From DD - SJ	0	0	0	0	0	0	0	0	0	39.1	28.2	0
	From IO Sac	0	0	0	0	0	0	0	0	0	168.7	137.4	0
	From IO(8) Friant	0	0	0	0	0	0	0	0	0	43.0	52.0	0
	From IO(9) Friant	0	0	0	0	0	0	0	0	0	0	0	0
	Water Generated	0	0	0	0	0	0	0	0	0	384.3	309.3	0
	Proj Obligation	0	0	0	0	0	0	0	0	150.4	100.5	28.0	0
	Cutoff Group	0	0	0	0	0	0	0	0	(0)	8.0	8.0	0

Alternative 4
Allocation of Supplemental Water for Delta Outflow

Year		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1934	SW (Alt4)	0	0	0	0	0	22.0	0	85.0	492.0	512.1	261.5	0
	From Storage	0	0	0	0	0	0	0	40.0	12.0	0	0	0
	From DD	0	0	0	0	0	0	0	25.9	154.9	172.6	115.3	0
	From DD - SJ	0	0	0	0	0	0	0	10.4	37.5	39.1	28.2	0
	From IO Sac	0	0	0	0	0	0	0	0.5	173.8	168.3	74.5	0
	From IO(8) Friant	0	0	0	0	0	0	0	0	33.0	57.0	0	0
	From IO(9) Friant	0	0	0	0	0	0	0	0	0	0	0	0
	Water Generated	0	0	0	0	0	0	0	66.4	373.7	397.9	189.8	0
	Proj Obligation	0	0	0	0	0	22.0	0	18.6	118.3	114.2	71.7	0
	Cutoff Group	0	0	0	0	0	(0)	0	3.0	8.0	8.0	7.0	0
1935	SW (Alt4)	0	0	0	0	0	0	0	0	0	625.0	317.5	0
	From Storage	0	0	0	0	0	0	0	0	0	0	0	0
	From DD	0	0	0	0	0	0	0	0	0	172.6	115.3	0
	From DD - SJ	0	0	0	0	0	0	0	0	0	39.1	28.2	0
	From IO Sac	0	0	0	0	0	0	0	0	0	210.5	113.6	0
	From IO(8) Friant	0	0	0	0	0	0	0	0	0	101.0	0	0
	From IO(9) Friant	0	0	0	0	0	0	0	0	0	0	0	0
	Water Generated	0	0	0	0	0	0	0	0	0	484.1	228.9	0
	Proj Obligation	0	0	0	0	0	0	0	0	0	140.9	88.6	0
	Cutoff Group	0	0	0	0	0	0	0	0	0	8.0	7.0	0
1936	SW (Alt4)	0	0	0	0	0	0	0	0	9.0	720.5	412.6	0
	From Storage	0	0	0	0	0	0	0	0	0	0	0	0
	From DD	0	0	0	0	0	0	0	0	0	172.6	119.9	0
	From DD - SJ	0	0	0	0	0	0	0	0	0	39.1	28.2	0
	From IO Sac	0	0	0	0	0	0	0	0	0	210.5	183.2	0
	From IO(8) Friant	0	0	0	0	0	0	0	0	0	100.0	69.0	0
	From IO(9) Friant	0	0	0	0	0	0	0	0	0	0	0	0
	Water Generated	0	0	0	0	0	0	0	0	0	483.1	372.1	0
	Proj Obligation	0	0	0	0	0	0	0	0	9.0	237.3	40.5	0
	Cutoff Group	0	0	0	0	0	0	0	0	(0)	8.0	8.0	0
1937	SW (Alt4)	0	0	0	0	0	0	0	0	80.6	751.5	422.1	0
	From Storage	0	0	0	0	0	0	0	0	0	0	0	0
	From DD	0	0	0	0	0	0	0	0	0	172.6	119.9	0
	From DD - SJ	0	0	0	0	0	0	0	0	0	39.1	28.2	0
	From IO Sac	0	0	0	0	0	0	0	0	0	210.5	183.2	0
	From IO(8) Friant	0	0	0	0	0	0	0	0	0	102.0	79.0	0
	From IO(9) Friant	0	0	0	0	0	0	0	0	0	0	0	0
	Water Generated	0	0	0	0	0	0	0	0	0	485.1	382.1	0
	Proj Obligation	0	0	0	0	0	0	0	0	80.6	266.4	40.0	0
	Cutoff Group	0	0	0	0	0	0	0	0	(0)	8.0	8.0	0
1938	SW (Alt4)	0	0	0	0	0	0	0	0	0	0	141.3	0
	From Storage	0	0	0	0	0	0	0	0	0	0	2.0	0
	From DD	0	0	0	0	0	0	0	0	0	0	31.4	0
	From DD - SJ	0	0	0	0	0	0	0	0	0	0	7.6	0
	From IO Sac	0	0	0	0	0	0	0	0	0	0	84.2	0
	From IO(8) Friant	0	0	0	0	0	0	0	0	0	0	0	0
	From IO(9) Friant	0	0	0	0	0	0	0	0	0	0	0	0
	Water Generated	0	0	0	0	0	0	0	0	0	0	117.6	0
	Proj Obligation	0	0	0	0	0	0	0	0	0	0	23.7	0
	Cutoff Group	0	0	0	0	0	0	0	0	0	0	4.0	0
1939	SW (Alt4)	0	0	0	0	0	0	54.0	47.0	788.8	677.8	368.6	0
	From Storage	0	0	0	0	0	0	0	0	8.0	0	0	0
	From DD	0	0	0	0	0	0	0	0	154.9	172.6	119.9	0
	From DD - SJ	0	0	0	0	0	0	0	0	37.5	39.1	28.2	0
	From IO Sac	0	0	0	0	0	0	0	0	442.4	195.5	168.7	0
	From IO(8) Friant	0	0	0	0	0	0	0	0	54.0	69.0	45.0	0
	From IO(9) Friant	0	0	0	0	0	0	0	0	91.0	0	0	0
	Water Generated	0	0	0	0	0	0	0	0	750.3	437.1	333.6	0
	Proj Obligation	0	0	0	0	0	0	54.0	47.0	38.5	240.7	35.0	0
	Cutoff Group	0	0	0	0	0	0	(0)	(0)	9.0	8.0	8.0	0
1940	SW (Alt4)	0	0	0	0	0	0	0	0	269.9	781.4	406.4	0
	From Storage	0	0	0	0	0	0	0	0	129.0	0	0	0

Alternative 4
Allocation of Supplemental Water for Delta Outflow

Year		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
	From DD	0	0	0	0	0	0	0	0	43.5	172.6	119.9	0
	From DD - SJ	0	0	0	0	0	0	0	0	13.8	39.1	28.2	0
	From IO Sac	0	0	0	0	0	0	0	0	78.8	210.5	183.2	0
	From IO(8) Friant	0	0	0	0	0	0	0	0	0	88.0	55.0	0
	From IO(9) Friant	0	0	0	0	0	0	0	0	0	0	0	0
	Water Generated	0	0	0	0	0	0	0	0	251.3	471.1	358.1	0
	Proj Obligation	0	0	0	0	0	0	0	0	18.6	310.3	48.3	0
	Cutoff Group	0	0	0	0	0	0	0	0	4.0	8.0	8.0	0
1941	SW (Alt4)	0	0	0	0	0	0	0	0	0	195.5	189.4	0
	From Storage	0	0	0	0	0	0	0	0	0	0	0	0
	From DD	0	0	0	0	0	0	0	0	0	43.4	81.6	0
	From DD - SJ	0	0	0	0	0	0	0	0	0	14.0	12.9	0
	From IO Sac	0	0	0	0	0	0	0	0	0	87.1	85.8	0
	From IO(8) Friant	0	0	0	0	0	0	0	0	0	0	0	0
	From IO(9) Friant	0	0	0	0	0	0	0	0	0	0	0	0
	Water Generated	0	0	0	0	0	0	0	0	0	130.5	167.4	0
	Proj Obligation	0	0	0	0	0	0	0	0	0	65.1	22.0	0
	Cutoff Group	0	0	0	0	0	0	0	0	0	4.0	5.0	0
1942	SW (Alt4)	0	0	0	0	0	0	0	0	0	210.1	187.6	0
	From Storage	0	0	0	0	0	0	0	0	0	3.0	0	0
	From DD	0	0	0	0	0	0	0	0	0	43.4	81.6	0
	From DD - SJ	0	0	0	0	0	0	0	0	0	14.0	12.9	0
	From IO Sac	0	0	0	0	0	0	0	0	0	87.1	85.8	0
	From IO(8) Friant	0	0	0	0	0	0	0	0	0	0	0	0
	From IO(9) Friant	0	0	0	0	0	0	0	0	0	0	0	0
	Water Generated	0	0	0	0	0	0	0	0	0	133.5	167.4	0
	Proj Obligation	0	0	0	0	0	0	0	0	0	76.6	20.2	0
	Cutoff Group	0	0	0	0	0	0	0	0	0	4.0	5.0	0
1943	SW (Alt4)	0	0	0	0	0	0	0	0	0	596.4	302.0	0
	From Storage	0	0	0	0	0	0	0	0	0	0	0	0
	From DD	0	0	0	0	0	0	0	0	0	172.6	115.3	0
	From DD - SJ	0	0	0	0	0	0	0	0	0	39.1	28.2	0
	From IO Sac	0	0	0	0	0	0	0	0	0	210.5	113.6	0
	From IO(8) Friant	0	0	0	0	0	0	0	0	0	92.0	0	0
	From IO(9) Friant	0	0	0	0	0	0	0	0	0	0	0	0
	Water Generated	0	0	0	0	0	0	0	0	0	475.1	228.9	0
	Proj Obligation	0	0	0	0	0	0	0	0	0	121.3	73.1	0
	Cutoff Group	0	0	0	0	0	0	0	0	0	8.0	7.0	0
1944	SW (Alt4)	0	0	0	0	0	0	0	0	528.3	646.0	336.0	0
	From Storage	0	0	0	0	0	0	0	0	155.0	0	0	0
	From DD	0	0	0	0	0	0	0	0	149.2	172.6	119.9	0
	From DD - SJ	0	0	0	0	0	0	0	0	0	37.5	39.1	28.2
	From IO Sac	0	0	0	0	0	0	0	0	112.9	210.5	183.2	0
	From IO(8) Friant	0	0	0	0	0	0	0	0	0	50.0	31.0	0
	From IO(9) Friant	0	0	0	0	0	0	0	0	0	0	0	0
	Water Generated	0	0	0	0	0	0	0	0	417.1	433.1	334.1	0
	Proj Obligation	0	0	0	0	0	0	0	0	111.2	212.9	1.9	0
	Cutoff Group	0	0	0	0	0	0	0	0	7.0	8.0	8.0	0
1945	SW (Alt4)	0	0	0	0	0	0	0	0	75.1	696.9	357.4	0
	From Storage	0	0	0	0	0	0	0	0	0	0	0	0
	From DD	0	0	0	0	0	0	0	0	0	172.6	115.3	0
	From DD - SJ	0	0	0	0	0	0	0	0	0	39.1	28.2	0
	From IO Sac	0	0	0	0	0	0	0	0	0	210.5	113.6	0
	From IO(8) Friant	0	0	0	0	0	0	0	0	0	89.0	0	0
	From IO(9) Friant	0	0	0	0	0	0	0	0	0	0	0	0
	Water Generated	0	0	0	0	0	0	0	0	0	472.1	228.9	0
	Proj Obligation	0	0	0	0	0	0	0	0	75.1	224.7	128.5	0
	Cutoff Group	0	0	0	0	0	0	0	0	(0)	8.0	7.0	0

**Alternative 4
Allocation of Supplemental Water for Delta Outflow**

Year		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1946	SW (Alt4)	0	0	0	0	0	0	0	0	422.2	637.5	297.9	0
	From Storage	0	0	0	0	0	0	0	0	81.0	0	0	0
	From DD	0	0	0	0	0	0	0	0	149.2	172.6	115.3	0
	From DD - SJ	0	0	0	0	0	0	0	0	37.5	39.1	28.2	0
	From IO Sac	0	0	0	0	0	0	0	0	112.9	210.5	113.6	0
	From IO(8) Friant	0	0	0	0	0	0	0	0	0	80.0	0	0
	From IO(9) Friant	0	0	0	0	0	0	0	0	0	0	0	0
	Water Generated	0	0	0	0	0	0	0	0	343.1	463.1	228.9	0
	Proj Obligation	0	0	0	0	0	0	0	0	79.1	174.3	69.1	0
	Cutoff Group	0	0	0	0	0	0	0	0	7.0	8.0	7.0	0
1947	SW (Alt4)	0	0	0	0	0	0	0	134.0	516.4	779.7	365.5	0
	From Storage	0	0	0	0	0	0	0	0	25.0	0	0	0
	From DD	0	0	0	0	0	0	0	0	154.9	172.6	119.9	0
	From DD - SJ	0	0	0	0	0	0	0	0	37.5	39.1	28.2	0
	From IO Sac	0	0	0	0	0	0	0	0	198.0	210.5	183.2	0
	From IO(8) Friant	0	0	0	0	0	0	0	0	53.0	66.0	33.0	0
	From IO(9) Friant	0	0	0	0	0	0	0	0	0	0	0	0
	Water Generated	0	0	0	0	0	0	0	0	430.9	449.1	336.1	0
	Proj Obligation	0	0	0	0	0	0	0	134.0	85.5	330.6	29.4	0
	Cutoff Group	0	0	0	0	0	0	0	(0)	8.0	8.0	8.0	0
1948	SW (Alt4)	0	0	0	0	0	0	0	0	0	504.0	304.0	0
	From Storage	0	0	0	0	0	0	0	0	0	1.0	0	0
	From DD	0	0	0	0	0	0	0	0	0	172.6	115.3	0
	From DD - SJ	0	0	0	0	0	0	0	0	0	39.1	28.2	0
	From IO Sac	0	0	0	0	0	0	0	0	0	210.5	113.6	0
	From IO(8) Friant	0	0	0	0	0	0	0	0	0	87.0	0	0
	From IO(9) Friant	0	0	0	0	0	0	0	0	0	0	0	0
	Water Generated	0	0	0	0	0	0	0	0	0	471.1	228.9	0
	Proj Obligation	0	0	0	0	0	0	0	0	0	32.9	75.1	0
	Cutoff Group	0	0	0	0	0	0	0	0	0	8.0	7.0	0
1949	SW (Alt4)	0	0	0	0	0	0	0	0	605.9	712.2	298.0	0
	From Storage	0	0	0	0	0	0	0	0	109.0	0	0	0
	From DD	0	0	0	0	0	0	0	0	154.9	172.6	115.3	0
	From DD - SJ	0	0	0	0	0	0	0	0	37.5	39.1	28.2	0
	From IO Sac	0	0	0	0	0	0	0	0	198.0	210.5	113.6	0
	From IO(8) Friant	0	0	0	0	0	0	0	0	61.0	63.0	0	0
	From IO(9) Friant	0	0	0	0	0	0	0	0	0	0	0	0
	Water Generated	0	0	0	0	0	0	0	0	522.9	446.1	228.9	0
	Proj Obligation	0	0	0	0	0	0	0	0	83.0	266.1	69.1	0
	Cutoff Group	0	0	0	0	0	0	0	0	8.0	8.0	7.0	0
1950	SW (Alt4)	0	0	0	0	0	0	0	0	234.9	580.1	223.4	0
	From Storage	0	0	0	0	0	0	0	0	193.0	3.0	0	0
	From DD	0	0	0	0	0	0	0	0	20.1	172.6	112.6	0
	From DD - SJ	0	0	0	0	0	0	0	0	3.7	39.1	27.1	0
	From IO Sac	0	0	0	0	0	0	0	0	3.3	210.5	96.5	0
	From IO(8) Friant	0	0	0	0	0	0	0	0	0	66.0	0	0
	From IO(9) Friant	0	0	0	0	0	0	0	0	0	0	0	0
	Water Generated	0	0	0	0	0	0	0	0	216.4	452.1	209.1	0
	Proj Obligation	0	0	0	0	0	0	0	0	18.5	128.0	14.3	0
	Cutoff Group	0	0	0	0	0	0	0	0	1.0	8.0	6.0	0
1951	SW (Alt4)	0	0	0	0	0	0	0	0	469.9	784.7	208.0	0
	From Storage	0	0	0	0	0	0	0	0	31.0	0	0	0
	From DD	0	0	0	0	0	0	0	0	154.9	172.6	81.6	0
	From DD - SJ	0	0	0	0	0	0	0	0	37.5	39.1	12.9	0
	From IO Sac	0	0	0	0	0	0	0	0	198.0	210.5	85.8	0
	From IO(8) Friant	0	0	0	0	0	0	0	0	81.0	75.0	0	0
	From IO(9) Friant	0	0	0	0	0	0	0	0	0	0	0	0
	Water Generated	0	0	0	0	0	0	0	0	464.9	458.1	167.4	0
	Proj Obligation	0	0	0	0	0	0	0	0	5.0	326.6	40.6	0
	Cutoff Group	0	0	0	0	0	0	0	0	8.0	8.0	5.0	0

Alternative 4
Allocation of Supplemental Water for Delta Outflow

Year		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1952	SW (Alt4)	0	0	0	0	0	0	0	0	0	0	82.7	0
	From Storage	0	0	0	0	0	0	0	0	0	0	0	0
	From DD	0	0	0	0	0	0	0	0	0	0	19.7	0
	From DD - SJ	0	0	0	0	0	0	0	0	0	0	4.7	0
	From IO Sac	0	0	0	0	0	0	0	0	0	0	10.9	0
	From IO(8) Friant	0	0	0	0	0	0	0	0	0	0	0	0
	From IO(9) Friant	0	0	0	0	0	0	0	0	0	0	0	0
	Water Generated	0	0	0	0	0	0	0	0	0	0	30.6	0
	Proj Obligation	0	0	0	0	0	0	0	0	0	0	52.1	0
	Cutoff Group	0	0	0	0	0	0	0	0	0	0	2.0	0
1953	SW (Alt4)	0	0	0	0	0	0	0	0	0	233.0	101.7	0
	From Storage	0	0	0	0	0	0	0	0	0	1.0	0	0
	From DD	0	0	0	0	0	0	0	0	0	119.6	19.7	0
	From DD - SJ	0	0	0	0	0	0	0	0	0	20.4	4.7	0
	From IO Sac	0	0	0	0	0	0	0	0	0	89.2	10.9	0
	From IO(8) Friant	0	0	0	0	0	0	0	0	0	0	0	0
	From IO(9) Friant	0	0	0	0	0	0	0	0	0	0	0	0
	Water Generated	0	0	0	0	0	0	0	0	0	209.8	30.6	0
	Proj Obligation	0	0	0	0	0	0	0	0	0	23.2	71.0	0
	Cutoff Group	0	0	0	0	0	0	0	0	0	5.0	2.0	0
1954	SW (Alt4)	0	0	0	0	0	0	0	33.0	303.6	786.0	206.6	0
	From Storage	0	0	0	0	0	0	0	0	36.0	0	0	0
	From DD	0	0	0	0	0	0	0	0	149.2	172.6	81.6	0
	From DD - SJ	0	0	0	0	0	0	0	0	37.5	39.1	12.9	0
	From IO Sac	0	0	0	0	0	0	0	0	112.9	210.5	85.8	0
	From IO(8) Friant	0	0	0	0	0	0	0	0	0	72.0	0	0
	From IO(9) Friant	0	0	0	0	0	0	0	0	0	0	0	0
	Water Generated	0	0	0	0	0	0	0	0	298.1	455.1	167.4	0
	Proj Obligation	0	0	0	0	0	0	0	33.0	5.5	330.8	39.2	0
	Cutoff Group	0	0	0	0	0	0	0	(0)	7.0	8.0	5.0	0
1955	SW (Alt4)	0	0	0	0	0	0	0	0	553.0	726.2	358.6	0
	From Storage	0	0	0	0	0	0	0	0	218.0	0	0	0
	From DD	0	0	0	0	0	0	0	0	149.2	172.6	119.9	0
	From DD - SJ	0	0	0	0	0	0	0	0	37.5	39.1	28.2	0
	From IO Sac	0	0	0	0	0	0	0	0	112.9	210.5	183.2	0
	From IO(8) Friant	0	0	0	0	0	0	0	0	0	62.0	36.0	0
	From IO(9) Friant	0	0	0	0	0	0	0	0	0	0	0	0
	Water Generated	0	0	0	0	0	0	0	0	480.1	445.1	339.1	0
	Proj Obligation	0	0	0	0	0	0	0	0	72.9	281.1	19.5	0
	Cutoff Group	0	0	0	0	0	0	0	0	7.0	8.0	8.0	0
1956	SW (Alt4)	0	0	0	0	0	0	0	0	0	107.5	66.1	0
	From Storage	0	0	0	0	0	0	0	0	0	0	0	0
	From DD	0	0	0	0	0	0	0	0	0	26.9	19.7	0
	From DD - SJ	0	0	0	0	0	0	0	0	0	10.5	4.7	0
	From IO Sac	0	0	0	0	0	0	0	0	0	11.5	10.9	0
	From IO(8) Friant	0	0	0	0	0	0	0	0	0	0	0	0
	From IO(9) Friant	0	0	0	0	0	0	0	0	0	0	0	0
	Water Generated	0	0	0	0	0	0	0	0	0	38.4	30.6	0
	Proj Obligation	0	0	0	0	0	0	0	0	0	69.1	35.4	0
	Cutoff Group	0	0	0	0	0	0	0	0	0	2.0	2.0	0
1957	SW (Alt4)	0	0	0	0	0	0	0	0	112.0	628.6	241.4	0
	From Storage	0	0	0	0	0	0	0	0	0	0	0	0
	From DD	0	0	0	0	0	0	0	0	0	172.6	115.3	0
	From DD - SJ	0	0	0	0	0	0	0	0	0	39.1	28.2	0
	From IO Sac	0	0	0	0	0	0	0	0	0	210.5	113.6	0
	From IO(8) Friant	0	0	0	0	0	0	0	0	0	79.0	0	0
	From IO(9) Friant	0	0	0	0	0	0	0	0	0	0	0	0
	Water Generated	0	0	0	0	0	0	0	0	0	462.1	228.9	0
	Proj Obligation	0	0	0	0	0	0	0	0	112.0	166.4	12.5	0
	Cutoff Group	0	0	0	0	0	0	0	0	(0)	8.0	7.0	0

**Alternative 4
Allocation of Supplemental Water for Delta Outflow**

Year		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	
1958	SW (Alt4)	0	0	0	0	0	0	0	0	0	8.4	67.7	0	
	From Storage	0	0	0	0	0	0	0	0	0	0	0	0	
	From DD	0	0	0	0	0	0	0	0	0	0	19.7	0	
	From DD - SJ	0	0	0	0	0	0	0	0	0	0	4.7	0	
	From IO Sac	0	0	0	0	0	0	0	0	0	0	10.9	0	
	From IO(8) Friant	0	0	0	0	0	0	0	0	0	0	0	0	
	From IO(9) Friant	0	0	0	0	0	0	0	0	0	0	0	0	
	Water Generated	0	0	0	0	0	0	0	0	0	0	0	30.6	0
	Proj Obligation	0	0	0	0	0	0	0	0	0	0	8.4	37.1	0
	Cutoff Group	0	0	0	0	0	0	0	0	0	0	(0)	2.0	0
1959	SW (Alt4)	0	0	0	0	0	14.4	0	0	713.4	790.5	316.2	0	
	From Storage	0	0	0	0	0	0	0	0	19.0	0	0	0	
	From DD	0	0	0	0	0	0	0	0	154.9	172.6	115.3	0	
	From DD - SJ	0	0	0	0	0	0	0	0	37.5	39.1	28.2	0	
	From IO Sac	0	0	0	0	0	0	0	0	198.0	490.3	113.6	0	
	From IO(8) Friant	0	0	0	0	0	0	0	0	55.0	75.0	0	0	
	From IO(9) Friant	0	0	0	0	0	0	0	0	0	50.0	0	0	
	Water Generated	0	0	0	0	0	0	0	0	426.9	787.9	228.9	0	
	Proj Obligation	0	0	0	0	0	14.4	0	0	286.5	2.5	87.3	0	
	Cutoff Group	0	0	0	0	0	(0)	0	0	8.0	9.0	7.0	0	
1960	SW (Alt4)	4.0	0	0	0	0	0	0	0	656.7	695.0	370.0	2.0	
	From Storage	0	0	0	0	0	0	0	0	77.0	0	0	0	
	From DD	0	0	0	0	0	0	0	0	154.9	172.6	119.9	0	
	From DD - SJ	0	0	0	0	0	0	0	0	37.5	39.1	28.2	0	
	From IO Sac	0	0	0	0	0	0	0	0	198.0	210.5	183.2	0	
	From IO(8) Friant	0	0	0	0	0	0	0	0	45.0	44.0	34.0	0	
	From IO(9) Friant	0	0	0	0	0	0	0	0	0	0	0	0	
	Water Generated	0	0	0	0	0	0	0	0	474.9	427.1	337.1	0	
	Proj Obligation	4.0	0	0	0	0	0	0	0	181.8	267.9	32.9	2.0	
	Cutoff Group	(0)	0	0	0	0	0	0	0	8.0	8.0	8.0	(0)	
1961	SW (Alt4)	0	0	0	0	0	0	0	0	596.0	780.2	385.9	0	
	From Storage	0	0	0	0	0	0	0	0	40.0	0	0	0	
	From DD	0	0	0	0	0	0	0	0	154.9	172.6	119.9	0	
	From DD - SJ	0	0	0	0	0	0	0	0	37.5	39.1	28.2	0	
	From IO Sac	0	0	0	0	0	0	0	0	198.0	490.3	183.2	0	
	From IO(8) Friant	0	0	0	0	0	0	0	0	42.0	56.0	13.0	0	
	From IO(9) Friant	0	0	0	0	0	0	0	0	0	28.0	0	0	
	Water Generated	0	0	0	0	0	0	0	0	434.9	746.9	316.1	0	
	Proj Obligation	0	0	0	0	0	0	0	0	161.1	33.2	69.8	0	
	Cutoff Group	0	0	0	0	0	0	0	0	8.0	9.0	8.0	0	
1962	SW (Alt4)	0	0	0	0	0	0	0	0	141.6	725.6	364.3	0	
	From Storage	0	0	0	0	0	0	0	0	0	0	0	0	
	From DD	0	0	0	0	0	0	0	0	0	172.6	115.3	0	
	From DD - SJ	0	0	0	0	0	0	0	0	0	39.1	28.2	0	
	From IO Sac	0	0	0	0	0	0	0	0	0	210.5	113.6	0	
	From IO(8) Friant	0	0	0	0	0	0	0	0	0	90.0	0	0	
	From IO(9) Friant	0	0	0	0	0	0	0	0	0	0	0	0	
	Water Generated	0	0	0	0	0	0	0	0	0	473.1	228.9	0	
	Proj Obligation	0	0	0	0	0	0	0	0	141.6	252.4	135.4	0	
	Cutoff Group	0	0	0	0	0	0	0	0	(0)	8.0	7.0	0	
1963	SW (Alt4)	0	0	0	0	0	0	0	0	0	376.2	165.8	0	
	From Storage	0	0	0	0	0	0	0	0	0	0	0	0	
	From DD	0	0	0	0	0	0	0	0	0	166.2	31.4	0	
	From DD - SJ	0	0	0	0	0	0	0	0	0	39.1	7.6	0	
	From IO Sac	0	0	0	0	0	0	0	0	0	122.7	84.2	0	
	From IO(8) Friant	0	0	0	0	0	0	0	0	0	0	0	0	
	From IO(9) Friant	0	0	0	0	0	0	0	0	0	0	0	0	
	Water Generated	0	0	0	0	0	0	0	0	0	288.9	115.6	0	
	Proj Obligation	0	0	0	0	0	0	0	0	0	87.3	50.2	0	
	Cutoff Group	0	0	0	0	0	0	0	0	0	7.0	4.0	0	

Alternative 4
Allocation of Supplemental Water for Delta Outflow

Year		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1964	SW (Alt4)	0	0	0	0	0	0	0	0	444.0	763.6	379.3	0
	From Storage	0	0	0	0	0	0	0	0	84.0	0	0	0
	From DD	0	0	0	0	0	0	0	0	149.2	172.6	119.9	0
	From DD - SJ	0	0	0	0	0	0	0	0	37.5	39.1	28.2	0
	From IO Sac	0	0	0	0	0	0	0	0	112.9	210.5	183.2	0
	From IO(8) Friant	0	0	0	0	0	0	0	0	0	79.0	51.0	0
	From IO(9) Friant	0	0	0	0	0	0	0	0	0	0	0	0
	Water Generated	0	0	0	0	0	0	0	0	346.1	462.1	354.1	0
	Proj Obligation	0	0	0	0	0	0	0	0	97.9	301.4	25.2	0
	Cutoff Group	0	0	0	0	0	0	0	0	7.0	8.0	8.0	0
1965	SW (Alt4)	1.7	0	0	0	0	0	0	0	0	404.2	51.5	0
	From Storage	0	0	0	0	0	0	0	0	0	0	0	0
	From DD	0	0	0	0	0	0	0	0	0	166.2	19.7	0
	From DD - SJ	0	0	0	0	0	0	0	0	0	39.1	4.7	0
	From IO Sac	0	0	0	0	0	0	0	0	0	122.7	10.9	0
	From IO(8) Friant	0	0	0	0	0	0	0	0	0	0	0	0
	From IO(9) Friant	0	0	0	0	0	0	0	0	0	0	0	0
	Water Generated	0	0	0	0	0	0	0	0	0	288.9	30.6	0
	Proj Obligation	1.7	0	0	0	0	0	0	0	0	115.3	20.9	0
	Cutoff Group	(0)	0	0	0	0	0	0	0	0	7.0	2.0	0
1966	SW (Alt4)	0	0	0	0	0	0	0	15.0	665.6	754.8	308.3	0
	From Storage	0	0	0	0	0	0	0	0	13.0	0	0	0
	From DD	0	0	0	0	0	0	0	0	154.9	172.6	115.3	0
	From DD - SJ	0	0	0	0	0	0	0	0	37.5	39.1	28.2	0
	From IO Sac	0	0	0	0	0	0	0	0	198.0	210.5	113.6	0
	From IO(8) Friant	0	0	0	0	0	0	0	0	54.0	81.0	0	0
	From IO(9) Friant	0	0	0	0	0	0	0	0	0	0	0	0
	Water Generated	0	0	0	0	0	0	0	0	419.9	464.1	228.9	0
	Proj Obligation	0	0	0	0	0	0	0	15.0	245.7	290.7	79.4	0
	Cutoff Group	0	0	0	0	0	0	0	(0)	8.0	8.0	7.0	0
1967	SW (Alt4)	0	0	0	0	0	0	0	0	0	0	55.3	0
	From Storage	0	0	0	0	0	0	0	0	0	0	1.0	0
	From DD	0	0	0	0	0	0	0	0	0	0	19.7	0
	From DD - SJ	0	0	0	0	0	0	0	0	0	0	4.7	0
	From IO Sac	0	0	0	0	0	0	0	0	0	0	10.9	0
	From IO(8) Friant	0	0	0	0	0	0	0	0	0	0	0	0
	From IO(9) Friant	0	0	0	0	0	0	0	0	0	0	0	0
	Water Generated	0	0	0	0	0	0	0	0	0	0	31.6	0
	Proj Obligation	0	0	0	0	0	0	0	0	0	0	23.7	0
	Cutoff Group	0	0	0	0	0	0	0	0	0	0	2.0	0
1968	SW (Alt4)	0	0	0	0	0	0	0	0	632.3	718.8	48.4	0
	From Storage	0	0	0	0	0	0	0	0	23.0	0	0	0
	From DD	0	0	0	0	0	0	0	0	154.9	172.6	19.7	0
	From DD - SJ	0	0	0	0	0	0	0	0	37.5	39.1	4.7	0
	From IO Sac	0	0	0	0	0	0	0	0	198.0	210.5	10.9	0
	From IO(8) Friant	0	0	0	0	0	0	0	0	48.0	71.0	0	0
	From IO(9) Friant	0	0	0	0	0	0	0	0	0	0	0	0
	Water Generated	0	0	0	0	0	0	0	0	423.9	454.1	30.6	0
	Proj Obligation	0	0	0	0	0	0	0	0	208.4	264.7	17.8	0
	Cutoff Group	0	0	0	0	0	0	0	0	8.0	8.0	2.0	0
1969	SW (Alt4)	1.7	0	0	0	0	0	0	0	0	0	62.7	0
	From Storage	0	0	0	0	0	0	0	0	0	0	1.0	0
	From DD	0	0	0	0	0	0	0	0	0	0	19.7	0
	From DD - SJ	0	0	0	0	0	0	0	0	0	0	4.7	0
	From IO Sac	0	0	0	0	0	0	0	0	0	0	10.9	0
	From IO(8) Friant	0	0	0	0	0	0	0	0	0	0	0	0
	From IO(9) Friant	0	0	0	0	0	0	0	0	0	0	0	0
	Water Generated	0	0	0	0	0	0	0	0	0	0	31.6	0
	Proj Obligation	1.7	0	0	0	0	0	0	0	0	0	31.1	0
	Cutoff Group	(0)	0	0	0	0	0	0	0	0	0	2.0	0

Alternative 4
Allocation of Supplemental Water for Delta Outflow

Year		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1970	SW (Alt4)	0	0	0	0	0	0	0	0	345.0	608.0	173.1	0
	From Storage	0	0	0	0	0	0	0	0	101.0	0	0	0
	From DD	0	0	0	0	0	0	0	0	146.3	172.6	81.6	0
	From DD - SJ	0	0	0	0	0	0	0	0	36.3	39.1	12.9	0
	From IO Sac	0	0	0	0	0	0	0	0	92.1	210.5	85.8	0
	From IO(8) Friant	0	0	0	0	0	0	0	0	0	70.0	0	0
	From IO(9) Friant	0	0	0	0	0	0	0	0	0	0	0	0
	Water Generated	0	0	0	0	0	0	0	0	339.4	453.1	167.4	0
	Proj Obligation	0	0	0	0	0	0	0	0	5.6	154.9	5.7	0
	Cutoff Group	0	0	0	0	0	0	0	0	6.0	8.0	5.0	0
1971	SW (Alt4)	0	0	0	0	0	0	0	0	0	185.4	42.0	0
	From Storage	0	0	0	0	0	0	0	0	0	0	0	0
	From DD	0	0	0	0	0	0	0	0	0	43.4	19.7	0
	From DD - SJ	0	0	0	0	0	0	0	0	0	14.1	4.7	0
	From IO Sac	0	0	0	0	0	0	0	0	0	87.1	10.9	0
	From IO(8) Friant	0	0	0	0	0	0	0	0	0	0	0	0
	From IO(9) Friant	0	0	0	0	0	0	0	0	0	0	0	0
	Water Generated	0	0	0	0	0	0	0	0	0	130.5	30.6	0
	Proj Obligation	0	0	0	0	0	0	0	0	0	54.9	11.4	0
	Cutoff Group	0	0	0	0	0	0	0	0	0	4.0	2.0	0
1972	SW (Alt4)	0	0	0	0	0	0	0	0	621.0	755.0	234.1	0
	From Storage	0	0	0	0	0	0	0	0	47.0	0	0	0
	From DD	0	0	0	0	0	0	0	0	154.9	172.6	115.3	0
	From DD - SJ	0	0	0	0	0	0	0	0	37.5	39.1	28.2	0
	From IO Sac	0	0	0	0	0	0	0	0	198.0	210.5	113.6	0
	From IO(8) Friant	0	0	0	0	0	0	0	0	42.0	72.0	0	0
	From IO(9) Friant	0	0	0	0	0	0	0	0	0	0	0	0
	Water Generated	0	0	0	0	0	0	0	0	441.9	455.1	228.9	0
	Proj Obligation	0	0	0	0	0	0	0	0	179.1	299.8	5.2	0
	Cutoff Group	0	0	0	0	0	0	0	0	8.0	8.0	7.0	0
1973	SW (Alt4)	0	0	0	0	0	0	0	0	367.1	696.5	199.4	7.2
	From Storage	0	0	0	0	0	0	0	0	275.0	0	0	0
	From DD	0	0	0	0	0	0	0	0	37.4	172.6	81.6	0
	From DD - SJ	0	0	0	0	0	0	0	0	11.2	39.1	12.9	0
	From IO Sac	0	0	0	0	0	0	0	0	9.8	210.5	85.8	0
	From IO(8) Friant	0	0	0	0	0	0	0	0	0	98.0	0	0
	From IO(9) Friant	0	0	0	0	0	0	0	0	0	0	0	0
	Water Generated	0	0	0	0	0	0	0	0	322.2	481.1	167.4	0
	Proj Obligation	0	0	0	0	0	0	0	0	44.9	215.4	32.0	7.2
	Cutoff Group	0	0	0	0	0	0	0	0	3.0	8.0	5.0	0
1974	SW (Alt4)	0	0	0	0	0	0	0	0	0	82.9	68.3	0
	From Storage	0	0	0	0	0	0	0	0	0	0	0	0
	From DD	0	0	0	0	0	0	0	0	0	26.9	19.7	0
	From DD - SJ	0	0	0	0	0	0	0	0	0	10.5	4.7	0
	From IO Sac	0	0	0	0	0	0	0	0	0	11.5	10.9	0
	From IO(8) Friant	0	0	0	0	0	0	0	0	0	0	0	0
	From IO(9) Friant	0	0	0	0	0	0	0	0	0	0	0	0
	Water Generated	0	0	0	0	0	0	0	0	0	38.4	30.6	0
	Proj Obligation	0	0	0	0	0	0	0	0	0	44.5	37.7	0
	Cutoff Group	0	0	0	0	0	0	0	0	0	2.0	2.0	0
1975	SW (Alt4)	0	0	0	0	0	0	0	0	0	173.9	69.3	0
	From Storage	0	0	0	0	0	0	0	0	0	0	0	0
	From DD	0	0	0	0	0	0	0	0	0	43.4	19.7	0
	From DD - SJ	0	0	0	0	0	0	0	0	0	14.1	4.7	0
	From IO Sac	0	0	0	0	0	0	0	0	0	87.1	10.9	0
	From IO(8) Friant	0	0	0	0	0	0	0	0	0	0	0	0
	From IO(9) Friant	0	0	0	0	0	0	0	0	0	0	0	0
	Water Generated	0	0	0	0	0	0	0	0	0	130.5	30.6	0
	Proj Obligation	0	0	0	0	0	0	0	0	0	43.4	38.7	0
	Cutoff Group	0	0	0	0	0	0	0	0	0	4.0	2.0	0

Alternative 4
Allocation of Supplemental Water for Delta Outflow

Year		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1976	SW (Alt4)	0	0	0	0	0	0	0	88.0	737.4	547.4	56.5	0
	From Storage	0	0	0	0	0	0	0	58.0	7.0	0	0	0
	From DD	0	0	0	0	0	0	0	25.9	154.9	172.6	19.7	0
	From DD - SJ	0	0	0	0	0	0	0	10.4	37.5	39.1	4.7	0
	From IO Sac	0	0	0	0	0	0	0	0.5	430.8	210.5	0.6	0
	From IO(8) Friant	0	0	0	0	0	0	0	0	43.0	53.0	0	0
	From IO(9) Friant	0	0	0	0	0	0	0	0	51.0	0	0	0
	Water Generated	0	0	0	0	0	0	0	84.4	686.7	436.1	20.3	0
	Proj Obligation	0	0	0	0	0	0	0	3.6	50.7	111.3	36.2	0
	Cutoff Group	0	0	0	0	0	0	0	3.0	9.0	8.0	2.0	0
1977	SW (Alt4)	4.6	0	0	0	190.1	34.5	311.0	118.0	516.0	410.0	133.0	0
	From Storage	0	0	0	0	9.0	9.0	34.0	42.0	22.0	0	0	0
	From DD	0	0	0	0	0.6	12.2	49.6	25.9	154.9	172.6	31.4	0
	From DD - SJ	0	0	0	0	0.6	13.1	19.4	10.4	37.5	39.1	7.6	0
	From IO Sac	0	0	0	0	3.7	3.1	203.0	0.5	173.8	168.3	57.7	0
	From IO(8) Friant	0	0	0	0	1.0	0	0	0	7.0	7.0	0	0
	From IO(9) Friant	0	0	0	0	10.0	0	4.0	0	0	0	0	0
	Water Generated	0	0	0	0	24.3	24.3	290.6	68.4	357.7	347.9	89.1	0
	Proj Obligation	4.6	0	0	0	165.7	10.2	20.4	49.6	158.3	62.1	43.9	0
	Cutoff Group	(0)	0	0	0	9.0	7.0	9.0	3.0	8.0	8.0	5.0	0
1978	SW (Alt4)	41.0	0	0	0	0	0	0	0	0	369.8	218.7	0
	From Storage	0	0	0	0	0	0	0	0	0	83.0	0	0
	From DD	5.4	0	0	0	0	0	0	0	0	119.6	112.6	0
	From DD - SJ	0.9	0	0	0	0	0	0	0	0	20.4	27.1	0
	From IO Sac	6.3	0	0	0	0	0	0	0	0	101.3	96.5	0
	From IO(8) Friant	0	0	0	0	0	0	0	0	0	0	0	0
	From IO(9) Friant	0	0	0	0	0	0	0	0	0	0	0	0
	Water Generated	11.7	0	0	0	0	0	0	0	0	303.9	209.1	0
	Proj Obligation	29.3	0	0	0	0	0	0	0	0	65.9	9.6	0
	Cutoff Group	3.0	0	0	0	0	0	0	0	0	5.0	6.0	0
1979	SW (Alt4)	0	0	0	0	0	0	0	0	627.9	617.1	168.1	0
	From Storage	0	0	0	0	0	0	0	0	165.0	0	0	0
	From DD	0	0	0	0	0	0	0	0	154.9	172.6	31.4	0
	From DD - SJ	0	0	0	0	0	0	0	0	37.5	39.1	7.6	0
	From IO Sac	0	0	0	0	0	0	0	0	198.0	210.5	84.2	0
	From IO(8) Friant	0	0	0	0	0	0	0	0	83.0	94.0	0	0
	From IO(9) Friant	0	0	0	0	0	0	0	0	0	0	0	0
	Water Generated	0	0	0	0	0	0	0	0	600.9	477.1	115.6	0
	Proj Obligation	0	0	0	0	0	0	0	0	27.0	140.0	52.5	0
	Cutoff Group	0	0	0	0	0	0	0	0	8.0	8.0	4.0	0
1980	SW (Alt4)	0	0	0	0	0	0	0	0	0	145.0	118.6	0
	From Storage	0	0	0	0	0	0	0	0	0	0	0	0
	From DD	0	0	0	0	0	0	0	0	0	43.4	31.4	0
	From DD - SJ	0	0	0	0	0	0	0	0	0	14.0	7.6	0
	From IO Sac	0	0	0	0	0	0	0	0	0	87.1	84.2	0
	From IO(8) Friant	0	0	0	0	0	0	0	0	0	0	0	0
	From IO(9) Friant	0	0	0	0	0	0	0	0	0	0	0	0
	Water Generated	0	0	0	0	0	0	0	0	0	130.5	115.6	0
	Proj Obligation	0	0	0	0	0	0	0	0	0	14.5	3.0	0
	Cutoff Group	0	0	0	0	0	0	0	0	0	4.0	4.0	0
1981	SW (Alt4)	0	0	0	0	0	0	0	0	741.0	708.7	255.8	0
	From Storage	0	0	0	0	0	0	0	0	10.0	0	0	0
	From DD	0	0	0	0	0	0	0	0	154.9	172.6	115.3	0
	From DD - SJ	0	0	0	0	0	0	0	0	37.5	39.1	28.2	0
	From IO Sac	0	0	0	0	0	0	0	0	198.0	210.5	113.6	0
	From IO(8) Friant	0	0	0	0	0	0	0	0	45.0	64.0	0	0
	From IO(9) Friant	0	0	0	0	0	0	0	0	0	0	0	0
	Water Generated	0	0	0	0	0	0	0	0	407.9	447.1	228.9	0
	Proj Obligation	0	0	0	0	0	0	0	0	333.1	261.6	27.0	0
	Cutoff Group	0	0	0	0	0	0	0	0	8.0	8.0	7.0	0

Alternative 4
Allocation of Supplemental Water for Delta Outflow

Year		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	
1982	SW (Alt4)	0	0	0	0	0	0	0	0	0	0	28.3	0	
	From Storage	0	0	0	0	0	0	0	0	0	0	0	0	
	From DD	0	0	0	0	0	0	0	0	0	0	14.8	0	
	From DD - SJ	0	0	0	0	0	0	0	0	0	0	3.5	0	
	From IO Sac	0	0	0	0	0	0	0	0	0	0	3.2	0	
	From IO(8) Friant	0	0	0	0	0	0	0	0	0	0	0	0	
	From IO(9) Friant	0	0	0	0	0	0	0	0	0	0	0	0	
	Water Generated	0	0	0	0	0	0	0	0	0	0	0	18.0	0
	Proj Obligation	0	0	0	0	0	0	0	0	0	0	0	10.3	0
	Cutoff Group	0	0	0	0	0	0	0	0	0	0	0	1.0	0
1983	SW (Alt4)	0	0	0	0	0	0	0	0	0	0	0	0	
	From Storage	0	0	0	0	0	0	0	0	0	0	0	0	
	From DD	0	0	0	0	0	0	0	0	0	0	0	0	
	From DD - SJ	0	0	0	0	0	0	0	0	0	0	0	0	
	From IO Sac	0	0	0	0	0	0	0	0	0	0	0	0	
	From IO(8) Friant	0	0	0	0	0	0	0	0	0	0	0	0	
	From IO(9) Friant	0	0	0	0	0	0	0	0	0	0	0	0	
	Water Generated	0	0	0	0	0	0	0	0	0	0	0	0	
	Proj Obligation	0	0	0	0	0	0	0	0	0	0	0	0	
	Cutoff Group	0	0	0	0	0	0	0	0	0	0	0	0	
1984	SW (Alt4)	0	0	0	0	0	0	0	0	208.8	572.1	67.6	0	
	From Storage	0	0	0	0	0	0	0	0	92.0	0	0	0	
	From DD	0	0	0	0	0	0	0	0	37.4	172.6	19.7	0	
	From DD - SJ	0	0	0	0	0	0	0	0	11.2	39.1	4.7	0	
	From IO Sac	0	0	0	0	0	0	0	0	9.8	210.5	10.9	0	
	From IO(8) Friant	0	0	0	0	0	0	0	0	0	84.0	0	0	
	From IO(9) Friant	0	0	0	0	0	0	0	0	0	0	0	0	
	Water Generated	0	0	0	0	0	0	0	0	139.2	467.1	30.6	0	
	Proj Obligation	0	0	0	0	0	0	0	0	69.7	104.9	37.0	0	
	Cutoff Group	0	0	0	0	0	0	0	0	3.0	8.0	2.0	0	
1985	SW (Alt4)	0	0	0	0	0	0	0	267.0	823.7	726.1	293.9	0	
	From Storage	0	0	0	0	0	0	0	199.0	18.0	0	0	0	
	From DD	0	0	0	0	0	0	0	25.9	154.9	172.6	115.3	0	
	From DD - SJ	0	0	0	0	0	0	0	10.4	37.5	39.1	28.2	0	
	From IO Sac	0	0	0	0	0	0	0	7.5	460.3	210.5	113.6	0	
	From IO(8) Friant	0	0	0	0	0	0	0	0	56.0	65.0	0	0	
	From IO(9) Friant	0	0	0	0	0	0	0	0	87.0	0	0	0	
	Water Generated	0	0	0	0	0	0	0	232.4	776.2	448.1	228.9	0	
	Proj Obligation	0	0	0	0	0	0	0	34.6	47.5	278.0	65.1	0	
	Cutoff Group	0	0	0	0	0	0	0	3.0	8.0	8.0	7.0	0	
1986	SW (Alt4)	0	0	0	0	0	0	0	0	0	591.8	249.0	0	
	From Storage	0	0	0	0	0	0	0	0	0	0	0	0	
	From DD	0	0	0	0	0	0	0	0	0	172.6	115.3	0	
	From DD - SJ	0	0	0	0	0	0	0	0	0	39.1	28.2	0	
	From IO Sac	0	0	0	0	0	0	0	0	0	210.5	113.6	0	
	From IO(8) Friant	0	0	0	0	0	0	0	0	0	103.0	0	0	
	From IO(9) Friant	0	0	0	0	0	0	0	0	0	0	0	0	
	Water Generated	0	0	0	0	0	0	0	0	0	486.1	228.9	0	
	Proj Obligation	0	0	0	0	0	0	0	0	0	105.7	20.1	0	
	Cutoff Group	0	0	0	0	0	0	0	0	0	8.0	7.0	0	
1987	SW (Alt4)	0	0	0	0	0	0	0	167.0	1015.0	743.8	420.1	0	
	From Storage	0	0	0	0	0	0	0	57.0	5.0	0	0	0	
	From DD	0	0	0	0	0	0	0	29.9	154.9	172.6	119.9	0	
	From DD - SJ	0	0	0	0	0	0	0	12.3	37.5	39.1	28.2	0	
	From IO Sac	0	0	0	0	0	0	0	48.7	432.2	178.3	143.0	0	
	From IO(8) Friant	0	0	0	0	0	0	0	0	43.0	71.0	47.0	0	
	From IO(9) Friant	0	0	0	0	0	0	0	0	80.0	0	0	0	
	Water Generated	0	0	0	0	0	0	0	135.6	715.1	421.9	309.9	0	
	Proj Obligation	0	0	0	0	0	0	0	31.4	299.9	321.9	110.2	0	
	Cutoff Group	0	0	0	0	0	0	0	4.0	9.0	8.0	8.0	0	

Alternative 4
Allocation of Supplemental Water for Delta Outflow

Year		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1988	SW (Alt4)	0	0	0	0	0	0	0	11.0	558.0	675.6	355.5	0
	From Storage	0	0	0	0	0	0	0	0	13.0	1.0	0	0
	From DD	0	0	0	0	0	0	0	0	154.9	172.6	119.9	0
	From DD - SJ	0	0	0	0	0	0	0	0	37.5	39.1	28.2	0
	From IO Sac	0	0	0	0	0	0	0	0	174.9	178.3	143.0	0
	From IO(8) Friant	0	0	0	0	0	0	0	0	49.0	62.0	22.0	0
	From IO(9) Friant	0	0	0	0	0	0	0	0	0	0	0	0
	Water Generated	0	0	0	0	0	0	0	0	391.8	413.9	284.9	0
	Proj Obligation	0	0	0	0	0	0	0	11.0	166.2	261.7	70.6	0
	Cutoff Group	0	0	0	0	0	0	0	(0)	8.0	8.0	8.0	0
1989	SW (Alt4)	0	0	0	0	0	0	0	0	570.0	655.5	212.1	0
	From Storage	0	0	0	0	0	0	0	0	106.0	0	1.0	0
	From DD	0	0	0	0	0	0	0	0	154.9	172.6	115.3	0
	From DD - SJ	0	0	0	0	0	0	0	0	37.5	39.1	28.2	0
	From IO Sac	0	0	0	0	0	0	0	0	175.1	178.3	78.1	0
	From IO(8) Friant	0	0	0	0	0	0	0	0	45.0	70.0	0	0
	From IO(9) Friant	0	0	0	0	0	0	0	0	0	0	0	0
	Water Generated	0	0	0	0	0	0	0	0	481.0	420.9	194.4	0
	Proj Obligation	0	0	0	0	0	0	0	0	89.0	234.5	17.7	0
	Cutoff Group	0	0	0	0	0	0	0	0	8.0	8.0	7.0	0
1990	SW (Alt4)	0	0	0	0	0	0	31.0	0	470.2	665.0	321.3	0
	From Storage	0	0	0	0	0	0	0	0	52.0	3.0	5.0	0
	From DD	0	0	0	0	0	0	0	0	154.9	172.6	119.9	0
	From DD - SJ	0	0	0	0	0	0	0	0	37.5	39.1	28.2	0
	From IO Sac	0	0	0	0	0	0	0	0	175.1	178.3	143.0	0
	From IO(8) Friant	0	0	0	0	0	0	0	0	39.0	55.0	36.0	0
	From IO(9) Friant	0	0	0	0	0	0	0	0	0	0	0	0
	Water Generated	0	0	0	0	0	0	0	0	421.0	408.9	303.9	0
	Proj Obligation	0	0	0	0	0	0	31.0	0	49.2	256.1	17.4	0
	Cutoff Group	0	0	0	0	0	0	(0)	0	8.0	8.0	8.0	0
1991	SW (Alt4)	3.1	0	0	0	80.1	0	0	0	177.0	320.0	163.2	0
	From Storage	0	0	0	0	5.0	0	0	0	0	0	3.0	0
	From DD	0	0	0	0	0.6	0	0	0	0	166.2	81.6	0
	From DD - SJ	0	0	0	0	0.6	0	0	0	0	39.1	12.9	0
	From IO Sac	0	0	0	0	3.7	0	0	0	0	88.1	57.8	0
	From IO(8) Friant	0	0	0	0	2.0	0	0	0	0	0	0	0
	From IO(9) Friant	0	0	0	0	13.0	0	0	0	0	0	0	0
	Water Generated	0	0	0	0	24.3	0	0	0	0	254.3	142.4	0
	Proj Obligation	3.1	0	0	0	55.8	0	0	0	177.0	65.7	20.8	0
	Cutoff Group	(0)	0	0	0	9.0	0	0	0	(0)	7.0	5.0	0
1992	SW (Alt4)	1.0	0	0	0	0	0	0	143.0	521.2	438.0	277.0	0
	From Storage	0	0	0	0	0	0	0	83.0	13.0	4.0	0	0
	From DD	0	0	0	0	0	0	0	25.9	154.9	172.6	119.9	0
	From DD - SJ	0	0	0	0	0	0	0	10.4	37.5	39.1	28.2	0
	From IO Sac	0	0	0	0	0	0	0	0.5	174.4	168.7	137.4	0
	From IO(8) Friant	0	0	0	0	0	0	0	0	19.0	20.0	8.0	0
	From IO(9) Friant	0	0	0	0	0	0	0	0	0	0	0	0
	Water Generated	0	0	0	0	0	0	0	109.4	361.3	365.3	265.3	0
	Proj Obligation	1.0	0	0	0	0	0	0	33.6	159.9	72.7	11.7	0
	Cutoff Group	(0)	0	0	0	0	0	0	3.0	8.0	8.0	8.0	0
1993	SW (Alt4)	0	0	0	0	0	0	0	0	0	324.1	87.9	0
	From Storage	0	0	0	0	0	0	0	0	0	0	0	0
	From DD	0	0	0	0	0	0	0	0	0	166.2	19.7	0
	From DD - SJ	0	0	0	0	0	0	0	0	0	39.1	4.7	0
	From IO Sac	0	0	0	0	0	0	0	0	0	122.7	10.9	0
	From IO(8) Friant	0	0	0	0	0	0	0	0	0	0	0	0
	From IO(9) Friant	0	0	0	0	0	0	0	0	0	0	0	0
	Water Generated	0	0	0	0	0	0	0	0	0	288.9	30.6	0
	Proj Obligation	0	0	0	0	0	0	0	0	0	35.2	57.3	0
	Cutoff Group	0	0	0	0	0	0	0	0	0	8.0	2.0	0

Alternative 4
Allocation of Supplemental Water for Delta Outflow

Year		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1994	SW (Alt4)	0	0	0	0	0	0	0	0	740.8	523.6	216.5	0
	From Storage	0	0	0	0	0	0	0	0	13.0	0	0	0
	From DD	0	0	0	0	0	0	0	0	154.9	172.6	115.3	0
	From DD - SJ	0	0	0	0	0	0	0	0	37.5	39.1	28.2	0
	From IO Sac	0	0	0	0	0	0	0	0	174.4	168.7	75.2	0
	From IO(8) Friant	0	0	0	0	0	0	0	0	51.0	63.0	0	0
	From IO(9) Friant	0	0	0	0	0	0	0	0	0	0	0	0
	Water Generated	0	0	0	0	0	0	0	0	393.3	404.3	190.5	0
	Proj Obligation	0	0	0	0	0	0	0	0	347.5	119.3	26.1	0
	Cutoff Group	0	0	0	0	0	0	0	0	8.0	8.0	7.0	0

Table 1

Alternative 3 - Total Water to be Released from New Melones Reservoir for Vernalis and Delta Outflow Objectives, TAF

YEAR	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	TOTAL
1922	2.4	0	0	0	0	0	0	107.5	0	0	0	0	109.9
1923	0	0	0	0	0	42.0	0	98.0	0	0	0	0	140.0
1924	0	0	0	0	0	0	0	2.3	0	0	0	0	2.3
1925	23.4	0	0	0	0	0	0	22.7	69.5	0	0	0	115.6
1926	23.4	0	0	0	0	31.8	4.0	0	0	0	0	0	59.2
1927	23.4	0	0	0	0	0	0	23.7	112.5	21.0	0	0	180.6
1928	0	0	0	0	0	0	17.0	70.0	0	0	0	0	87.0
1929	23.4	0	0	0	0	0	0	0	0	0	0	0	23.4
1930	23.4	0	0	0	0	0	0	0	0	0	0	0	23.4
1931	0	0	0	0	0	0	0.7	2.3	0	0	0	0	3.0
1932	0	0	0	0	0	0	0	67.5	31.5	0	0	0	99.0
1933	0	0	0	0	0	0	0	0.3	0	0	0	0	0.3
1934	23.4	0	0	0	0	0	0	12.3	0	0	0	0	35.6
1935	23.4	0	0	0	0	0	0	0	0	0	0	0	23.4
1936	0	0	0	0	0	0	0	48.5	12.5	0	0	0	61.0
1937	0	0	0	0	0	0	0	0	0	0	0	0	0
1938	0	0	0	0	0	0	0	0	0	0	0	0	0
1939	0	0	0	0	0	0	0	0	1.1	0	0	0	1.1
1940	11.4	0	0	0	0	0	0	61.5	0	0	0	0	72.9
1941	0	0	0	0	0	0	0	0	0	0	0	0	0
1942	0	0	0	0	0	0	0	10.5	0	0	0	0	10.5
1943	0	0	0	0	0	0	0	0	30.0	0	0	0	30.0
1944	0	0	0	0	0	0	0	0	0	0	0	0	0
1945	10.4	0	0	0	0	0	0	10.5	0	0	0	0	20.9
1946	0	0	0	0	0	0	10.0	10.5	0	0	0	0	20.5
1947	0	0	0	0	0	22.8	26.5	0	0.3	0	0	0	49.6
1948	23.4	0	0	0	12.0	0	9.0	45.0	26.5	0	0	0	115.9
1949	23.4	0	0	0	0	0	0	17.0	0.3	0	0	0	40.6
1950	22.4	0	0	0	0	0	0	28.0	99.5	0	0	0	149.9
1951	21.4	0	0	0	0	0	0	40.5	56.3	0	0	0	118.2
1952	4.4	0	0	0	0	0	0	0	0	0	0	0	4.4
1953	0	0	0	0	0	0	0	0.7	44.3	0	0	0	45.0
1954	19.4	0	0	0	21.0	0	2.7	81.5	0	0	0	0	124.6
1955	21.4	0	0	0	36.0	2.0	9.5	0	0	0	0	0	68.9
1956	23.4	0	0	0	0	0	1.0	0	0	0	0	0	24.4
1957	0	0	0	0	0	0	56.5	0	0	0	0	0	56.5
1958	14.4	0	0	0	0	0	0	0	0	0	0	0	14.4
1959	0	0	0	0	0	0	0	22.3	0	0	0	0	22.3
1960	24.4	0	0	0	0	0	0	0	0	0	0	0	24.4
1961	23.4	0	0	0	0	0	0	0	0	0	0	0	23.4
1962	0	0	0	0	0	0	0	66.0	7.5	0	0	0	73.5
1963	23.4	0	0	0	0	43.8	0	61.5	52.5	0	0	0	181.2
1964	0	0	0	0	21.0	21.5	4.5	0.3	0	0	0	0	47.3
1965	20.0	0	0	0	0	0	13.7	132.0	0	0	0	0	165.7
1966	0	0	0	0	0	0	0	0	0.6	0	0	0	0.6
1967	15.4	0	0	0	0	0	0	0	0	0	0	0	15.4
1968	0	0	0	0	0	0	0	12.5	0.9	0	0	0	13.5
1969	17.4	0	0	0	0	0	0	0	0	0	0	0	17.4
1970	0	0	0	0	0	0	0	58.5	5.3	0	0	0	63.8
1971	7.4	0	0	0	0	0	0	56.5	9.3	0	0	0	73.2
1972	21.4	0	0	0	37.0	28.8	61.5	0	0	0	0	0	148.7
1973	22.4	0	0	0	0	0	0	15.5	22.0	0	0	0	59.9
1974	0	0	0	0	0	0	0	30.5	16.0	0	0	0	46.5
1975	0	0	0	0	0	0	0	60.0	0	0	0	0	60.0
1976	0	0	0	0	0	0	0	0	0	0	0	0	0
1977	0	0	0	0	1.0	0	5.0	2.0	0	0	0	0	8.0
1978	0	0	0	0	0	0	0	0	0	0	0	0	0
1979	0	0	0	0	0	0	0	1.7	67.5	0	0	0	69.2
1980	0	0	0	0	0	0	0	0	0	0	0	0	0
1981	0	0	0	0	0	0	0	0	0.9	0	0	0	0.9
1982	15.4	0	0	0	0	0	0	0	0	0	0	0	15.4
1983	0	0	0	0	0	0	0	0	0	0	0	0	0
1984	0	0	0	0	0	0	0	39.5	0	0	0	0	39.5
1985	8.4	0	0	0	0	0	0	0	0.2	0	0	0	8.5
1986	15.4	0	0	0	0	0	0	0	0	0	0	0	15.4
1987	0	0	0	0	0	0	0	0.9	0	0	0	0	0.9
1988	24.4	0	0	0	0	0	0	0	0	0	0	0	24.4
1989	0	0	0	0	0	0	0	0	0	0	0	0	0
1990	0	0	0	0	0	0	0	0	0	0	0	0	0
1991	0	0	0	0	0	0	0	0	0	0	0	0	0
1992	0	0	0	0	0	0	0	0	0	0	0	0	0
1993	0	0	0	0	35.0	33.8	42.0	0	0	0	0	0	110.8
1994	0	0	0	0	0	0	0	0	0	0	0	0	0
AVG:	8.2	0	0	0	2.2	3.1	7.5	20.5	3.1	0	0	0	44.7
MIN:	0	0	0	0	0	0	0	0	0	0	0	0	0
MAX:	24.4	0	0	0	37.0	43.8	61.5	132.0	52.5	0	0	0	181.2

Table 2

Alternative 3 - Diversion to Storage Bypassed at Don Pedro for Vernalis and Delta Outflow Objectives, TAF

YEAR	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	TOTAL
1922	0	0	0	0	0	0	0	0	0	0	0	0	0
1923	0	0	0	0	0	0	0	0	95.0	0	0	0	95.0
1924	0	0	0	0	0	0	0	0	0	0	0	0	0
1925	0	0	0	0	0	0	0	0	173.0	0	0	0	173.0
1926	0	0	0	0	0	0	0	79.5	0	0	0	0	79.5
1927	0	0	0	0	0	0	0	0	0	0	0	0	0
1928	0	0	0	0	0	0	19.7	0	0	0	0	0	19.7
1929	0	0	0	0	0	0	0	0	76.0	0	0	0	76.0
1930	0	0	0	0	0	0	0	5.5	129.0	0	0	0	134.5
1931	0	0	0	0	0	0	0	0	0	0	0	0	0
1932	0	0	0	0	0	0	0	0	0	0	0	0	0
1933	0	0	0	0	0	0	0	0	0	0	0	0	0
1934	0	0	0	0	0	0	0	0	0	0	0	0	0
1935	0	0	0	0	0	0	0	0	0	0	0	0	0
1936	0	0	0	0	0	0	0	0	0	0	0	0	0
1937	0	0	0	0	0	0	0	0	0	0	0	0	0
1938	0	0	0	0	0	0	0	0	0	0	0	0	0
1939	0	0	0	0	0	0	0	38.0	0	0	0	0	38.0
1940	0	0	0	0	0	0	0	0	142.0	0	0	0	142.0
1941	0	0	0	0	0	0	0	0	0	0	0	0	0
1942	0	0	0	0	0	0	0	0	0	3.0	0	0	3.0
1943	0	0	0	0	0	0	0	0	0	0	0	0	0
1944	0	0	0	0	0	0	0	0	69.0	0	0	0	69.0
1945	0	0	0	0	0	0	0	0	0	0	0	0	0
1946	0	0	0	0	0	0	0	0	59.0	0	0	0	59.0
1947	0	0	0	0	0	0	0	0	0	0	0	0	0
1948	0	0	0	0	0	0	0	0	0	0	0	0	0
1949	0	0	0	0	0	0	1.7	0	63.0	0	0	0	64.7
1950	0	0	0	0	0	0	0	0	142.0	0	0	0	142.0
1951	0	0	0	0	0	0	0	0	41.0	0	0	0	41.0
1952	0	0	0	0	0	0	0	0	0	0	0	0	0
1953	0	0	0	0	0	0	23.0	19.0	5.9	0	0	0	47.9
1954	0	0	0	0	0	0	0	0	7.0	0	0	0	7.0
1955	0	0	0	0	0	15.1	0	0	64.0	0	0	0	79.1
1956	0	0	0	0	0	0	15.7	0	0	0	0	0	15.7
1957	0	0	0	0	0	0	1.0	0.5	0	0	0	0	1.5
1958	0	0	0	0	0	0	0	0	0	0	0	0	0
1959	0	0	0	0	0	0	0	0	0	0	0	0	0
1960	0	0	0	0	0	0	0	0	32.0	0	0	0	32.0
1961	0	0	0	0	0	0	0	0	0	0	0	0	0
1962	0	0	0	0	0	0	0	0	0	0	0	0	0
1963	0	0	0	0	0	0	0	0	0	0	0	0	0
1964	0	0	0	0	0	1.0	0	0	28.0	0	0	0	29.0
1965	0	0	0	0	0	0	0	0	0	0	0	0	0
1966	0	0	0	0	0	0	15.6	0	0	0	0	0	15.6
1967	0	0	0	0	0	0	0	0	0	0	0	0	0
1968	0	0	0	0	0	0	23.0	31.5	0	0	0	0	54.5
1969	0	0	0	0	0	0	0	0	0	0	0	0	0
1970	0	0	0	0	0	0	0	0	89.0	0	0	0	89.0
1971	0	0	0	0	0	0	0	0	0	0	0	0	0
1972	0	0	0	0	0	0	5.0	0	0	0	0	0	5.0
1973	0	0	0	0	0	0	0	0	156.0	0	0	0	156.0
1974	0	0	0	0	0	0	0	0	0	0	0	0	0
1975	0	0	0	0	0	0	0	0	0	0	0	0	0
1976	0	0	0	0	0	0	0	0	0	0	0	0	0
1977	0	0	0	0	0	0	0	0	0	0	0	0	0
1978	0	0	0	0	0	0	0	0	0	83.0	0	0	83.0
1979	0	0	0	0	0	0	0	0	105.0	0	0	0	105.0
1980	0	0	0	0	0	0	0	0	0	0	0	0	0
1981	0	0	0	0	0	0	0	0	0	0	0	0	0
1982	0	0	0	0	0	0	0	0	0	0	0	0	0
1983	0	0	0	0	0	0	0	0	0	0	0	0	0
1984	0	0	0	0	0	0	0	1.5	117.0	0	0	0	118.5
1985	0	0	0	0	0	0	0	0	0	0	0	0	0
1986	0	0	0	0	0	0	0	0	0	0	0	0	0
1987	0	0	0	0	0	0	0	0	0	0	0	0	0
1988	0	0	0	0	0	0	0	0	0	0	0	0	0
1989	0	0	0	0	0	0	0	0	66.0	0	0	0	66.0
1990	0	0	0	0	0	0	0	0	0	0	0	0	0
1991	0	0	0	0	0	0	0	0	78.0	0	0	0	78.0
1992	0	0	0	0	0	0	0	57.0	0	0	0	0	57.0
1993	0	0	0	0	0	0	6.7	0	0	0	0	0	6.7
1994	0	0	0	0	0	0	0	0	0	0	0	0	0
AVG:	0	0	0	0	0	0.2	1.5	3.2	23.8	1.2	0	0	29.9
MIN:	0	0	0	0	0	0	0	0	0	0	0	0	0
MAX:	0	0	0	0	0	15.1	23.0	79.5	173.0	83.0	0	0	173.0

Table 3

Alternative 3 - Diversion to Storage Bypassed at Lake McClure for Vernalis and Delta Outflow Objectives, TAF

YEAR	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	TOTAL
1922	0	0	0	0	0	0	1.8	0	0	0	0	0	1.8
1923	0	0	0	0	0	0	47.8	0	35.0	0	0	0	82.8
1924	0	0	0	0	0	0	18.0	22.0	0	0	0	0	40.0
1925	0	0	0	0	0	0	0	0	27.0	0	0	0	27.0
1926	0	0	0	0	0	0	22.8	0	0	0	0	0	22.8
1927	0	0	0	0	0	0	0	0	67.5	0	0	0	67.5
1928	0	0	0	0	0	0	0	19.5	0	0	0	0	19.5
1929	0	0	0	0	0	0	0	15.5	0	10.0	15.0	0	40.5
1930	0	0	0	0	0	0	10.8	9.0	21.0	14.0	17.0	0	71.8
1931	0	0	0	0	0	0	26.0	26.0	0	0	0	0	52.0
1932	0	0	0	0	0	0	0	0	0	0	0	0	0
1933	0	0	0	0	0	0	24.0	45.0	17.5	0	0	0	86.5
1934	0	0	0	0	0	0	7.8	0	0	0	0	0	7.8
1935	0	0	0	0	0	0	0	0	0	0	0	0	0
1936	0	0	0	0	0	0	0	0	0	0	0	0	0
1937	0	0	0	0	0	0	0	0	0	0	0	0	0
1938	0	0	0	0	0	0	0	0	0	0	0	0	0
1939	0	0	0	0	0	0	0	14.0	0	0	0	0	14.0
1940	8.0	0	0	0	0	0	0	0	36.0	0	0	0	44.0
1941	0	0	0	0	0	0	0	0	0	0	0	0	0
1942	0	0	0	0	0	0	0	0	0	0	0	0	0
1943	0	0	0	0	0	0	0	0	14.5	0	0	0	14.5
1944	0	0	0	0	0	0	0	23.5	13.0	0	0	0	36.5
1945	0	0	0	0	0	0	0	0	0	0	0	0	0
1946	0	0	0	0	0	0	14.8	0	0	0	0	0	14.8
1947	0	0	0	0	0	0	39.0	60.5	0	0	0	0	99.5
1948	0	0	0	0	0	0	10.8	12.5	0	0	0	0	23.3
1949	0	0	0	0	0	0	55.0	27.5	0	0	0	0	82.5
1950	0	0	0	0	0	0	26.8	0	6.0	0	0	0	32.8
1951	0	0	0	0	0	0	47.0	57.0	0	0	0	0	104.0
1952	0	0	0	0	0	0	0	0	0	0	0	0	0
1953	0	0	0	0	0	0	33.0	2.0	39.0	0	0	0	74.0
1954	0	0	0	0	0	0	0	0	0	0	0	0	0
1955	0	0	0	0	0	8.0	2.0	35.5	39.0	0	0	0	84.5
1956	0	0	0	0	0	0	73.0	0	0	0	0	0	73.0
1957	0	0	0	0	0	0	0	82.0	42.5	0	0	0	124.5
1958	0	0	0	0	0	0	0	0	0	0	0	0	0
1959	0	0	0	0	0	0	33.8	15.0	0	0	0	0	48.8
1960	0	0	0	0	0	0	1.8	7.5	0	0	0	0	9.3
1961	0	0	0	0	0	0	13.8	16.0	0	0	0	0	29.8
1962	0	0	0	0	0	0	0	17.5	0	0	0	0	17.5
1963	0	0	0	0	0	0	0	0	0	0	0	0	0
1964	0	0	0	0	0	1.0	13.0	49.0	0	0	0	0	63.0
1965	0	0	0	0	0	0	0	3.5	31.5	0	0	0	35.0
1966	0	0	0	0	0	0	74.0	62.0	0	0	0	0	136.0
1967	0	0	0	0	0	0	0	0	0	0	0	0	0
1968	0	0	0	0	0	0	23.0	24.0	0	0	0	0	47.0
1969	0	0	0	0	0	0	0	0	0	0	0	0	0
1970	0	0	0	0	0	0	2.0	94.0	4.0	0	0	0	100.0
1971	0	0	0	0	0	0	7.0	63.0	47.5	0	0	0	117.5
1972	0	0	0	0	0	0	15.0	72.5	8.0	0	0	0	95.5
1973	1.0	0	0	0	0	0	0	0	55.0	0	0	0	56.0
1974	0	0	0	0	0	0	0	0	34.5	0	0	0	34.5
1975	0	0	0	0	0	0	0	16.5	0	0	0	0	16.5
1976	0	0	0	0	0	0	0	18.0	0	0	0	0	18.0
1977	0	0	0	0	0	0	0	0	0	0	0	0	0
1978	0	0	0	0	0	0	0	0	0	0	0	0	0
1979	0	0	0	0	0	0	0	0	29.0	0	0	0	29.0
1980	0	0	0	0	0	0	0	0	0	0	0	0	0
1981	0	0	0	0	0	0	49.8	50.5	0	0	0	0	100.3
1982	0	0	0	0	0	0	0	0	0	0	0	0	0
1983	0	0	0	0	0	0	0	0	0	0	0	0	0
1984	0	0	0	0	0	0	40.0	138.0	0	0	0	0	178.0
1985	0	0	0	0	0	0	19.8	78.0	0	0	0	0	97.8
1986	1.0	0	0	0	0	0	0	0	0	0	0	0	1.0
1987	0	0	0	0	0	0	0	30.0	0	0	0	0	30.0
1988	0	0	0	0	0	0	9.8	21.0	0	0	0	0	30.8
1989	0	0	0	0	0	0	16.8	21.5	0	0	0	0	38.3
1990	0	0	0	0	0	0	11.8	37.5	0	0	0	0	49.3
1991	0	0	0	0	0	0	0	8.5	61.0	0	0	0	69.5
1992	0	0	0	0	0	0	0	24.0	0	0	0	0	24.0
1993	0	0	0	0	0	0	0	96.0	83.5	0	0	0	179.5
1994	0	0	0	0	0	0	0	12.5	0	0	0	0	12.5
AVG:	0.1	0	0	0	0	0.1	12.2	19.4	8.6	0.3	0.4	0	41.2
MIN:	0	0	0	0	0	0	0	0	0	0	0	0	0
MAX:	8.0	0	0	0	0	8.0	96.0	138.0	67.5	14.0	17.0	0	179.5

Table 4

Alternative 3 - Diversion to Storage Bypassed at Eastman Lake for Vernalis and Delta Outflow Objectives, TAF													
YEAR	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	TOTAL
1922	0	0	0	0	0	0	13.0	0	0	0	0	0	13.0
1923	0	0	0	0	0	4.8	0	0	0	0	0	0	4.8
1924	0	0	0	0	0	0	0	0	0	0	0	0	0
1925	0	0	0	0	0	0	0	0	0	0	0	0	0
1926	0	0	0	0	0	0	1.0	0	0	0	0	0	1.0
1927	0	0	0	0	0	0	0	0	0	0	0	0	0
1928	0	0	0	0	0	0	0	0	0	0	0	0	0
1929	0	0	0	0	0	0	0	0	0	0	0	0	0
1930	0	0	0	0	0	0	0	0	0	0	0	0	0
1931	0	0	0	0	0	0	0	0	0	0	0	0	0
1932	0	0	0	0	0	0	0	0	0	0	0	0	0
1933	0	0	0	0	0	0	0	0	0	0	0	0	0
1934	0	0	0	0	0	0	0	0	0	0	0	0	0
1935	0	0	0	0	0	0	0	0	0	0	0	0	0
1936	0	0	0	0	0	0	0	0	0	0	0	0	0
1937	0	0	0	0	0	0	0	0	0	0	0	0	0
1938	0	0	0	0	0	0	0	0	0	0	0	0	0
1939	0	0	0	0	0	0	0	0	0	0	0	0	0
1940	0	0	0	0	0	0	0	0	0	0	0	0	0
1941	0	0	0	0	0	0	0	0	0	0	0	0	0
1942	0	0	0	0	0	0	0	0	0	0	0	0	0
1943	0	0	0	0	0	0	0	0	0	0	0	0	0
1944	0	0	0	0	0	0	0	0	0	0	0	0	0
1945	0	0	0	0	0	0	0	0	0	0	0	0	0
1946	0	0	0	0	0	0	0	0	2.0	0	0	0	2.0
1947	0	0	0	0	0	0	0	0	0	0	0	0	0
1948	0	0	0	0	0	0	0	0	0	0	0	0	0
1949	0	0	0	0	0	0	0	0	0	0	0	0	0
1950	0	0	0	0	0	0	0	0	1.0	0	0	0	1.0
1951	0	0	0	0	0	0	0	0	0	0	0	0	0
1952	0	0	0	0	0	0	0	0	0	0	0	0	0
1953	0	0	0	0	0	0	0	0	0	0	0	0	0
1954	0	0	0	0	0	0	0	0	0	0	0	0	0
1955	0	0	0	0	0	3.0	0	0	0	0	0	0	3.0
1956	0	0	0	0	0	0	0	0	0	0	0	0	0
1957	0	0	0	0	0	0	0	0	0	0	0	0	0
1958	0	0	0	0	0	0	0	0	0	0	0	0	0
1959	0	0	0	0	0	0	0	0	0	0	0	0	0
1960	0	0	0	0	0	0	1.0	0	0	0	0	0	1.0
1961	0	0	0	0	0	0	0	0	0	0	0	0	0
1962	0	0	0	0	0	0	0	0	0	0	0	0	0
1963	0	0	0	0	0	0	0	0	0	0	0	0	0
1964	0	0	0	0	0	3.0	0	0	0	0	0	0	3.0
1965	0	0	0	0	0	0	0	0	0	0	0	0	0
1966	0	0	0	0	0	0	0	0	0	0	0	0	0
1967	0	0	0	0	0	0	0	0	0	0	0	0	0
1968	0	0	0	0	0	0	0	0	0	0	0	0	0
1969	0	0	0	0	0	0	0	0	0	0	0	0	0
1970	0	0	0	0	0	0	0	0	0	0	0	0	0
1971	0	0	0	0	0	0	0	0	1.0	0	0	0	1.0
1972	0	0	0	0	0	0	0	0	0	0	0	0	0
1973	0	0	0	0	0	0	0	0	0	0	0	0	0
1974	0	0	0	0	0	0	0	0	0	0	0	0	0
1975	0	0	0	0	0	0	0	0	0	0	0	0	0
1976	0	0	0	0	0	0	0	0	0	0	0	0	0
1977	0	0	0	0	0	0	0	0	0	0	0	0	0
1978	0	0	0	0	0	0	0	0	0	0	0	0	0
1979	0	0	0	0	0	0	0	0	0	0	0	0	0
1980	0	0	0	0	0	0	0	0	0	0	0	0	0
1981	0	0	0	0	0	0	0	0	0	0	0	0	0
1982	0	0	0	0	0	0	0	0	0	0	0	0	0
1983	0	0	0	0	0	0	0	0	0	0	0	0	0
1984	0	0	0	0	0	0	0	0	0	0	0	0	0
1985	0	0	0	0	0	0	0	0	0	0	0	0	0
1986	0	0	0	0	0	0	0	0	0	0	0	0	0
1987	0	0	0	0	0	0	0	0	0	0	0	0	0
1988	0	0	0	0	0	0	0	0	0	0	0	0	0
1989	0	0	0	0	0	0	0	0	0	0	0	0	0
1990	0	0	0	0	0	0	0	0	0	0	0	0	0
1991	0	0	0	0	0	0	0	0	0	0	0	0	0
1992	0	0	0	0	0	0	0	0	0	1.0	0	0	1.0
1993	0	0	0	0	0	0	9.0	0	0	0	0	0	9.0
1994	0	0	0	0	0	0	0	0	1.0	0	0	0	1.0
AVG:	0	0	0	0	0	0.1	0.3	0	0.1	0.0	0	0	0.6
MIN:	0	0	0	0	0	0	0	0	0	0	0	0	0
MAX:	0	0	0	0	0	4.8	13.0	0	2.0	1.0	0	0	13.0

Table 5

Alternative 3 - Diversion to Storage Bypassed at Hensley Lake for Vernalis and Delta Outflow Objectives, TAF

YEAR	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	TOTAL
1922	0	0	0	0	0	0	13.0	0	0	0	0	0	13.0
1923	0	0	0	0	0	5.0	3.0	10.5	0	0	0	0	18.5
1924	0	0	0	0	0	0	8.0	0	0	0	0	0	8.0
1925	0	0	0	0	0	0	0	0	0	0	0	0	0
1926	0	0	0	0	0	0	5.0	5.0	0	0	0	0	10.0
1927	0	0	0	0	0	0	0	0	0	0	0	0	0
1928	0	0	0	0	0	0	0	0	0	0	0	0	0
1929	0	0	0	0	0	0	0	6.0	1.0	0	0	0	7.0
1930	0	0	0	0	0	0	3.0	2.0	0	0	0	0	5.0
1931	0	0	0	0	0	0	0	0	0	0	0	0	0
1932	0	0	0	0	0	0	0	0	0	0	0	0	0
1933	0	0	0	0	0	0	0	3.0	4.0	0	0	0	7.0
1934	0	0	0	0	0	0	1.0	0	0	0	0	0	1.0
1935	0	0	0	0	0	0	0	0	0	0	0	0	0
1936	0	0	0	0	0	0	0	0	0	0	0	0	0
1937	0	0	0	0	0	0	0	0	0	0	0	0	0
1938	0	0	0	0	0	0	0	0	0	0	2.0	0	2.0
1939	0	0	0	0	0	0	0	0	0	0	0	0	0
1940	0	0	0	0	0	0	0	0	0	0	0	0	0
1941	0	0	0	0	0	0	0	0	0	0	0	0	0
1942	0	0	0	0	0	0	0	0	0	0	0	0	0
1943	0	0	0	0	0	0	0	0	0	0	0	0	0
1944	0	0	0	0	0	0	0	0	0	0	0	0	0
1945	0	0	0	0	0	0	0	0	0	0	0	0	0
1946	0	0	0	0	0	0	0	0	0	0	0	0	0
1947	0	0	0	0	0	0	0	0	0	0	0	0	0
1948	0	0	0	0	0	0	0	0	0	1.0	0	0	1.0
1949	0	0	0	0	0	0	0	0	0	0	0	0	0
1950	0	0	0	0	0	0	0	0	0	0	0	0	0
1951	0	0	0	0	0	0	0	0	0	0	0	0	0
1952	0	0	0	0	0	0	0	0	0	0	0	0	0
1953	0	0	0	0	0	0	0	0	0	1.0	0	0	1.0
1954	0	0	0	0	0	0	0	0	0	0	0	0	0
1955	0	0	0	0	0	4.0	0	7.0	6.0	0	0	0	17.0
1956	0	0	0	0	0	0	3.0	0	0	0	0	0	3.0
1957	0	0	0	0	0	0	0	0	0	0	0	0	0
1958	0	0	0	0	0	0	0	0	0	0	0	0	0
1959	0	0	0	0	0	0	0	0	0	0	0	0	0
1960	0	0	0	0	0	0	5.0	5.0	0	0	0	0	10.0
1961	0	0	0	0	0	0	2.0	1.0	0	0	0	0	3.0
1962	0	0	0	0	0	0	0	0	0	0	0	0	0
1963	0	0	0	0	0	0	0	0	0	0	0	0	0
1964	0	0	0	0	0	0	0	0	4.0	0	0	0	4.0
1965	0	0	0	0	0	0	0	0	0	0	0	0	0
1966	0	0	0	0	0	0	0	0	0	0	0	0	0
1967	0	0	0	0	0	0	0	0	0	0	0	0	0
1968	0	0	0	0	0	0	0	0	0	0	0	0	0
1969	0	0	0	0	0	0	0	0	0	0	0	0	0
1970	0	0	0	0	0	0	0	0	0	0	0	0	0
1971	0	0	0	0	0	0	0	0	1.0	0	0	0	1.0
1972	0	0	0	0	0	0	0	0	0	0	0	0	0
1973	0	0	0	0	0	0	0	0	0	0	0	0	0
1974	0	0	0	0	0	0	0	0	0	0	0	0	0
1975	0	0	0	0	0	0	0	1.0	0	0	0	0	1.0
1976	0	0	0	0	0	0	3.0	4.0	0	0	0	0	7.0
1977	0	0	0	0	0	0	2.0	0	0	0	0	0	2.0
1978	0	0	0	0	0	0	0	0	0	0	0	0	0
1979	0	0	0	0	0	0	0	0	0	0	0	0	0
1980	0	0	0	0	0	0	0	0	0	0	0	0	0
1981	0	0	0	0	0	0	0	1.0	0	0	0	0	1.0
1982	0	0	0	0	0	0	0	0	0	0	0	0	0
1983	0	0	0	0	0	0	0	0	0	0	0	0	0
1984	0	0	0	0	0	0	0	0	0	0	0	0	0
1985	0	0	0	0	0	0	0	2.0	0	0	0	0	2.0
1986	0	0	0	0	0	0	0	0	0	0	0	0	0
1987	0	0	0	0	0	0	0	2.0	0	0	0	0	2.0
1988	0	0	0	0	0	0	3.0	1.0	0	0	0	0	4.0
1989	0	0	0	0	0	0	3.0	0	0	0	0	0	3.0
1990	0	0	0	0	0	0	1.0	0	0	0	0	0	1.0
1991	0	0	0	0	0	0	0	3.0	1.0	0	0	0	4.0
1992	0	0	0	0	0	0	0	2.0	0	0	0	0	2.0
1993	0	0	0	0	0	0	9.0	0	0	0	0	0	9.0
1994	0	0	0	0	0	0	2.7	2.0	0	0	0	0	4.7
AVG:	0	0	0	0	0	0.1	0.9	0.8	0.2	0.0	0.0	0	2.1
MIN:	0	0	0	0	0	0	0	0	0	0	0	0	0
MAX:	0	0	0	0	0	5.0	13.0	10.5	6.0	1.0	2.0	0	18.5

Table 6

Alternative 3 - Diversion to Storage Bypassed at Bowman Lake for Delta Outflow Objective, TAF													
YEAR	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	TOTAL
1922.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1923.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1924.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1925.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1926.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1927.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1928.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1929.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1930.0	0	0	0	0	0	0	0	0	6.0	0	0	0	6.0
1931.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1932.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1933.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1934.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1935.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1936.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1937.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1938.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1939.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1940.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1941.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1942.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1943.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1944.0	0	0	0	0	0	0	0	0	9.0	0	0	0	9.0
1945.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1946.0	0	0	0	0	0	0	0	0	7.0	0	0	0	7.0
1947.0	0	0	0	0	0	0	0	0	2.0	0	0	0	2.0
1948.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1949.0	0	0	0	0	0	0	0	0	5.0	0	0	0	5.0
1950.0	0	0	0	0	0	0	0	0	0	3.0	0	0	3.0
1951.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1952.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1953.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1954.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1955.0	0	0	0	0	0	0	0	0	19.0	0	0	0	19.0
1956.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1957.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1958.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1959.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1960.0	0	0	0	0	0	0	0	0	2.0	0	0	0	2.0
1961.0	0	0	0	0	0	0	0	0	2.0	0	0	0	2.0
1962.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1963.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1964.0	0	0	0	0	0	0	0	0	7.0	0	0	0	7.0
1965.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1966.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1967.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1968.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1969.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1970.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1971.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1972.0	0	0	0	0	0	0	0	0	5.0	0	0	0	5.0
1973.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1974.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1975.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1976.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1977.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1978.0	0	0	0	0	0	0	0	0	0	1.0	0	0	1.0
1979.0	0	0	0	0	0	0	0	0	4.0	0	0	0	4.0
1980.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1981.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1982.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1983.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1984.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1985.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1986.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1987.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1988.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1989.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1990.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1991.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1992.0	0	0	0	0	0	0	0	0	0	0	0	0	0
AVG	0	0	0	0	0	0	0	0	1.0	0.1	0	0	1.0
MIN	0	0	0	0	0	0	0	0	0	0	0	0	0
MAX	0	0	0	0	0	0	0	0	19.0	3.0	0	0	19.0

Table 7

Alternative 3 - Diversion to Storage Bypassed at Jackson Meadows Reservoir for Delta Outflow Objective, TAF

YEAR	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	TOTAL
1922.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1923.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1924.0	0	0	0	0	0	0	0	1.0	0	0	0	0	1.0
1925.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1926.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1927.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1928.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1929.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1930.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1931.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1932.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1933.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1934.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1935.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1936.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1937.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1938.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1939.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1940.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1941.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1942.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1943.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1944.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1945.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1946.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1947.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1948.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1949.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1950.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1951.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1952.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1953.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1954.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1955.0	0	0	0	0	0	0	0	0	3.0	0	0	0	3.0
1956.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1957.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1958.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1959.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1960.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1961.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1962.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1963.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1964.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1965.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1966.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1967.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1968.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1969.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1970.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1971.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1972.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1973.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1974.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1975.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1976.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1977.0	0	0	0	0	0	0	1.0	0	0	0	0	0	1.0
1978.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1979.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1980.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1981.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1982.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1983.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1984.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1985.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1986.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1987.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1988.0	0	0	0	0	0	0	0	0	5.0	1.0	0	0	6.0
1989.0	0	0	0	0	0	0	0	0	3.0	0	0	0	3.0
1990.0	0	0	0	0	0	0	0	0	0	3.0	5.0	0	8.0
1991.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1992.0	0	0	0	0	0	0	0	0	3.0	0	0	0	3.0
AVG	0	0	0	0	0	0	0.0	0.0	0.2	0.1	0.1	0	0.4
MIN	0	0	0	0	0	0	0	0	0	0	0	0	0
MAX	0	0	0	0	0	0	1.0	1.0	5.0	3.0	5.0	0	8.0

Table 8

Alternative 3 - Diversion to Storage Bypassed at Bullards Bar for Delta Outflow Objective, TAF

YEAR	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	TOTAL
1922.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1923.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1924.0	0	0	0	0	0	0	27.0	0	0	0	0	0	27.0
1925.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1926.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1927.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1928.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1929.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1930.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1931.0	0	0	0	0	0	0	25.0	0	0	0	0	0	25.0
1932.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1933.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1934.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1935.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1936.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1937.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1938.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1939.0	0	0	0	0	0	0	0	2.0	0	0	0	0	2.0
1940.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1941.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1942.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1943.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1944.0	0	0	0	0	0	0	0	0	5.0	0	0	0	5.0
1945.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1946.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1947.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1948.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1949.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1950.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1951.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1952.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1953.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1954.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1955.0	0	0	0	0	0	0	0	0	6.0	0	0	0	6.0
1956.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1957.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1958.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1959.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1960.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1961.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1962.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1963.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1964.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1965.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1966.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1967.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1968.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1969.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1970.0	0	0	0	0	0	0	0	0	1.0	0	0	0	1.0
1971.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1972.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1973.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1974.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1975.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1976.0	0	0	0	0	0	0	0	2.0	0	0	0	0	2.0
1977.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1978.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1979.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1980.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1981.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1982.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1983.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1984.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1985.0	0	0	0	0	0	0	0	36.0	0	0	0	0	36.0
1986.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1987.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1988.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1989.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1990.0	0	0	0	0	0	0	0	0	24.0	0	0	0	24.0
1991.0	0	0	0	0	0	0	0	0	19.0	0	0	0	19.0
1992.0	0	0	0	0	0	0	0	0	0	0	0	0	0
AVG:	0	0	0	0	0	0	0.7	0.6	0.8	0	0	0	2.1
MIN:	0	0	0	0	0	0	0	0	0	0	0	0	0
MAX:	0	0	0	0	0	0	27.0	36.0	24.0	0	0	0	36.0

Table 9

Alternative 3 - Diversion to Storage Bypassed at Fordyce Lake for Delta Outflow Objective, TAF

YEAR	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	TOTAL
1922.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1923.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1924.0	0	0	0	0	0	0	0	1.0	0	0	0	0	1.0
1925.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1926.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1927.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1928.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1929.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1930.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1931.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1932.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1933.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1934.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1935.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1936.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1937.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1938.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1939.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1940.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1941.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1942.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1943.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1944.0	0	0	0	0	0	0	0	0	9.0	0	0	0	9.0
1945.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1946.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1947.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1948.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1949.0	0	0	0	0	0	0	0	0	4.0	0	0	0	4.0
1950.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1951.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1952.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1953.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1954.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1955.0	0	0	0	0	0	0	0	0	10.0	0	0	0	10.0
1956.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1957.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1958.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1959.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1960.0	0	0	0	0	0	0	0	0	3.0	0	0	0	3.0
1961.0	0	0	0	0	0	0	0	0	2.0	0	0	0	2.0
1962.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1963.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1964.0	0	0	0	0	0	0	0	0	8.0	0	0	0	8.0
1965.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1966.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1967.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1968.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1969.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1970.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1971.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1972.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1973.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1974.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1975.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1976.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1977.0	0	0	0	0	0	0	3.0	0	0	0	0	0	3.0
1978.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1979.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1980.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1981.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1982.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1983.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1984.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1985.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1986.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1987.0	0	0	0	0	0	0	0	2.0	0	0	0	0	2.0
1988.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1989.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1990.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1991.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1992.0	0	0	0	0	0	0	0	0	0	0	0	0	0
AVG	0	0	0	0	0	0	0.0	0.0	0.5	0	0	0	0.6
MIN	0	0	0	0	0	0	0	0	0	0	0	0	0
MAX	0	0	0	0	0	0	3.0	2.0	10.0	0	0	0	10.0

Table 10

Alternative 3 - Water to be Subtracted from Diversion at CP #16, TAF

YEAR	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	TOTAL
1922.0	0.1	0	0	0	0	0	0	0	0	0.4	0.4	0	0.9
1923.0	0	0	0	0	0	0	0	0	0	0.4	0.4	0	0.9
1924.0	0	0	0	0	0	0	0	0.4	0.4	0.4	0.4	0	1.7
1925.0	0.1	0	0	0	0	0	0	0	0.4	0.4	0.4	0	1.4
1926.0	0.1	0	0	0	0	0	0	0	0.4	0.4	0.4	0	1.4
1927.0	0.1	0	0	0	0	0	0	0	0	0.4	0.4	0	0.9
1928.0	0	0	0	0	0	0	0	0	0.4	0.4	0.4	0	1.3
1929.0	0.1	0	0	0	0	0	0	0	0.4	0.4	0.4	0	1.4
1930.0	0.1	0	0	0	0	0	0	0	0.4	0.4	0.4	0	1.4
1931.0	0	0	0	0	0	0	0	0.4	0.4	0.4	0.4	0	1.7
1932.0	0	0	0	0	0	0	0	0	0	0.4	0.4	0	0.9
1933.0	0	0	0	0	0	0	0	0	0	0.4	0.4	0	0.9
1934.0	0.1	0	0	0	0	0	0	0.4	0.4	0.4	0.4	0	1.8
1935.0	0.1	0	0	0	0	0	0	0	0	0.4	0.4	0	0.9
1936.0	0	0	0	0	0	0	0	0	0	0.4	0.4	0	0.9
1937.0	0	0	0	0	0	0	0	0	0	0.4	0.4	0	0.9
1938.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1939.0	0	0	0	0	0	0	0	0.4	0.4	0.4	0.4	0	1.7
1940.0	0.1	0	0	0	0	0	0	0	0.4	0.4	0.4	0	1.4
1941.0	0	0	0	0	0	0	0	0	0	0.4	0.4	0	0.9
1942.0	0	0	0	0	0	0	0	0	0	0.4	0.4	0	0.9
1943.0	0	0	0	0	0	0	0	0	0	0.4	0.4	0	0.9
1944.0	0	0	0	0	0	0	0	0	0.4	0.4	0.4	0	1.3
1945.0	0.1	0	0	0	0	0	0	0	0	0.4	0.4	0	0.9
1946.0	0	0	0	0	0	0	0	0	0.4	0.4	0.4	0	1.3
1947.0	0	0	0	0	0	0	0	0	0.4	0.4	0.4	0	1.3
1948.0	0.1	0	0	0	0	0	0	0	0	0.4	0.4	0	0.9
1949.0	0.1	0	0	0	0	0	0	0	0.4	0.4	0.4	0	1.4
1950.0	0.1	0	0	0	0	0	0	0	0	0.4	0.4	0	0.9
1951.0	0.1	0	0	0	0	0	0	0.4	0.4	0.4	0.4	0	1.8
1952.0	0.1	0	0	0	0	0	0	0	0	0	0	0	0.1
1953.0	0	0	0	0	0	0	0	0.4	0	0.4	0	0	0.8
1954.0	0.1	0	0	0	0	0	0	0	0.4	0.4	0.4	0	1.4
1955.0	0.1	0	0	0	0	0	0	0	0.4	0.4	0.4	0	1.4
1956.0	0.1	0	0	0	0	0	0	0	0	0.4	0	0	0.5
1957.0	0	0	0	0	0	0	0	0	0	0.4	0.4	0	0.9
1958.0	0.1	0	0	0	0	0	0	0	0	0	0	0	0.1
1959.0	0	0	0	0	0	0	0	0.4	0.4	0.4	0.4	0	1.7
1960.0	0.1	0	0	0	0	0	0	0	0.4	0.4	0.4	0	1.4
1961.0	0.1	0	0	0	0	0	0	0.4	0.4	0.4	0.4	0	1.8
1962.0	0	0	0	0	0	0	0	0	0	0.4	0.4	0	0.9
1963.0	0.1	0	0	0	0	0	0	0	0	0.4	0	0	0.5
1964.0	0	0	0	0	0	0	0	0	0.4	0.4	0.4	0	1.3
1965.0	0.1	0	0	0	0	0	0	0	0	0.4	0	0	0.5
1966.0	0	0	0	0	0	0	0	0	0.4	0.4	0.4	0	1.3
1967.0	0.1	0	0	0	0	0	0	0	0	0	0	0	0.1
1968.0	0	0	0	0	0	0	0	0	0.4	0.4	0	0	0.9
1969.0	0.1	0	0	0	0	0	0	0	0	0	0	0	0.1
1970.0	0	0	0	0	0	0	0	0.4	0.4	0.4	0.4	0	1.7
1971.0	0.1	0	0	0	0	0	0	0.4	0	0.4	0	0	0.9
1972.0	0.1	0	0	0	0	0	0	0	0.4	0.4	0.4	0	1.4
1973.0	0.1	0	0	0	0	0	0	0	0.4	0.4	0.4	0	1.4
1974.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1975.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1976.0	0	0	0	0	0	0	0	0.4	0.4	0.4	0	0	1.3
1977.0	0	0	0	0	0	0	0	0.4	0.4	0.4	0.4	0	1.7
1978.0	0.1	0	0	0	0	0	0	0	0	0.4	0.4	0	0.9
1979.0	0	0	0	0	0	0	0	0	0.4	0.4	0	0	0.9
1980.0	0	0	0	0	0	0	0	0	0	0.4	0	0	0.4
1981.0	0	0	0	0	0	0	0	0	0.4	0.4	0.4	0	1.3
1982.0	0.1	0	0	0	0	0	0	0	0	0	0	0	0.1
1983.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1984.0	0	0	0	0	0	0	0	0	0.4	0.4	0	0	0.9
1985.0	0.1	0	0	0	0	0	0	0.4	0.4	0.4	0.4	0	1.8
1986.0	0.1	0	0	0	0	0	0	0	0	0.4	0.4	0	0.9
1987.0	0	0	0	0	0	0	0	0.4	0.4	0.4	0.4	0	1.7
1988.0	0.1	0	0	0	0	0	0	0.4	0.4	0.4	0.4	0	1.8
1989.0	0	0	0	0	0	0	0	0	0.4	0.4	0.4	0	1.3
1990.0	0	0	0	0	0	0	0	0	0.4	0.4	0.4	0	1.3
1991.0	0	0	0	0	0	0	0	0	0	0.4	0.4	0	0.9
1992.0	0	0	0	0	0	0	0	0.4	0.4	0.4	0.4	0	1.7
1993.0	0	0	0	0	0	0	0	0	0	0.4	0	0	0.4
1994.0	0	0	0	0	0	0	0	0	0.4	0.4	0.4	0	1.3
AVG:	0.0	0	0	0	0	0	0	0.1	0.2	0.4	0.3	0	1.0
MIN:	0	0	0	0	0	0	0	0	0	0	0	0	0
MAX:	0.1	0	0	0	0	0	0	0.4	0.4	0.4	0.4	0	1.8

Table 11

Alternative 3 - Water to be Subtracted from Diversion at CP #634, TAF

YEAR	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	TOTAL
1922.0	0.2	0	0	0	0	0	0	0	0	6.9	0.8	0	7.8
1923.0	0	0	0	0	0	0	0	0	0	6.9	0.8	0	7.7
1924.0	0	0	0	0	0	0	6.7	6.9	6.9	6.9	0.8	0	28.2
1925.0	0.2	0	0	0	0	0	0	0	6.9	6.9	0.8	0	14.8
1926.0	0.2	0	0	0	0	0	0	0	6.9	6.9	0.8	0	14.8
1927.0	0.2	0	0	0	0	0	0	0	0	6.9	0.8	0	7.8
1928.0	0	0	0	0	0	0	0	0	6.9	6.9	0.8	0	14.6
1929.0	0.2	0	0	0	0	0	0	0	6.9	6.9	0.8	0	14.8
1930.0	0.2	0	0	0	0	0	0	0	6.9	6.9	0.8	0	14.8
1931.0	0	0	0	0	0	0	6.7	6.9	6.9	6.9	0.8	0	28.2
1932.0	0	0	0	0	0	0	0	0	0	6.9	0.8	0	7.7
1933.0	0	0	0	0	0	0	6.1	6.1	0	6.9	0.8	0	20.0
1934.0	0.2	0	0	0	0	0	0	6.9	6.9	6.9	0.8	0	21.7
1935.0	0.2	0	0	0	0	0	0	0	0	6.9	0.8	0	7.8
1936.0	0	0	0	0	0	0	0	0	0	6.9	0.8	0	7.7
1937.0	0	0	0	0	0	0	0	0	0	6.9	0.8	0	7.7
1938.0	0	0	0	0	0	0	0	0	0	0	0.8	0	0.8
1939.0	0	0	0	0	0	0	0	6.9	6.9	6.9	0.8	0	21.5
1940.0	0.2	0	0	0	0	0	0	0	6.9	6.9	0.8	0	14.8
1941.0	0	0	0	0	0	0	0	0	0	6.9	0.8	0	7.7
1942.0	0	0	0	0	0	0	0	0	0	6.9	0.8	0	7.7
1943.0	0	0	0	0	0	0	0	0	0	6.9	0.8	0	7.7
1944.0	0	0	0	0	0	0	0	0	6.9	6.9	0.8	0	14.6
1945.0	0.2	0	0	0	0	0	0	0	0	6.9	0.8	0	7.8
1946.0	0	0	0	0	0	0	0	0	6.9	6.9	0.8	0	14.6
1947.0	0	0	0	0	0	0	6.7	0	6.9	6.9	0.8	0	21.3
1948.0	0.2	0	0	0	0	0	0	0	0	6.9	0.8	0	7.8
1949.0	0.2	0	0	0	0	0	0	0	6.9	6.9	0.8	0	14.8
1950.0	0.2	0	0	0	0	0	0	0	0	6.9	0.8	0	7.8
1951.0	0.2	0	0	0	0	0	6.7	6.9	6.9	6.9	0.8	0	28.3
1952.0	0.2	0	0	0	0	0	0	0	0	0	0	0	0.2
1953.0	0	0	0	0	0	0	6.7	6.9	0	6.9	0.8	0	21.3
1954.0	0.2	0	0	0	0	0	0	0	6.9	6.9	0.8	0	14.8
1955.0	0.2	0	0	0	0	0	6.7	0	6.9	6.9	0.8	0	21.4
1956.0	0.2	0	0	0	0	0	0	0	0	6.9	0	0	7.1
1957.0	0	0	0	0	0	0	6.7	0	0	6.9	0.8	0	14.3
1958.0	0.2	0	0	0	0	0	0	0	0	0	0	0	0.2
1959.0	0	0	0	0	0	0	0	6.9	6.9	6.9	0.8	0	21.5
1960.0	0.2	0	0	0	0	0	0	0	6.9	6.9	0.8	0	14.8
1961.0	0.2	0	0	0	0	0	0	6.9	6.9	6.9	0.8	0	21.7
1962.0	0	0	0	0	0	0	0	0	0	6.9	0.8	0	7.7
1963.0	0.2	0	0	0	0	0	0	0	0	6.9	0.8	0	7.8
1964.0	0	0	0	0	0	6.4	6.7	6.1	6.9	6.9	0.8	0	33.8
1965.0	0.2	0	0	0	0	0	0	0	0	6.9	0	0	7.1
1966.0	0	0	0	0	0	0	6.1	6.1	6.9	6.9	0.8	0	26.9
1967.0	0.2	0	0	0	0	0	0	0	0	0	0	0	0.2
1968.0	0	0	0	0	0	0	6.7	0	6.9	6.9	0	0	20.5
1969.0	0.2	0	0	0	0	0	0	0	0	0	0	0	0.2
1970.0	0	0	0	0	0	0	6.7	6.9	6.9	6.9	0.8	0	28.2
1971.0	0.2	0	0	0	0	0	6.7	6.9	0	6.9	0	0	20.6
1972.0	0.2	0	0	0	0	0	6.7	0	6.9	6.9	0.8	0	21.4
1973.0	0.2	0	0	0	0	0	0	0	6.9	6.9	0.8	0	14.8
1974.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1975.0	0	0	0	0	0	0	0	0	0	6.9	0	0	6.9
1976.0	0	0	0	0	0	0	6.1	6.9	6.9	6.9	0.8	0	27.7
1977.0	0	0	0	0	0	0	6.7	6.9	6.9	6.9	0.8	0	28.2
1978.0	0.2	0	0	0	0	0	0	0	0	6.9	0.8	0	7.8
1979.0	0	0	0	0	0	0	0	0	6.9	6.9	0.8	0	14.6
1980.0	0	0	0	0	0	0	0	0	0	6.9	0.8	0	7.7
1981.0	0	0	0	0	0	0	0	0	6.9	6.9	0.8	0	14.6
1982.0	0.2	0	0	0	0	0	0	0	0	0	0	0	0.2
1983.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1984.0	0	0	0	0	0	0	6.7	0	6.9	6.9	0	0	20.5
1985.0	0.2	0	0	0	0	0	0	6.9	6.9	6.9	0.8	0	21.7
1986.0	0.2	0	0	0	0	0	0	0	0	6.9	0.8	0	7.8
1987.0	0	0	0	0	0	0	0	6.9	6.9	6.9	0.8	0	21.5
1988.0	0.2	0	0	0	0	0	0	6.9	6.9	6.9	0.8	0	21.7
1989.0	0	0	0	0	0	0	0	0	6.9	6.9	0.8	0	14.6
1990.0	0	0	0	0	0	0	0	0	6.9	6.9	0.8	0	14.6
1991.0	0	0	0	0	0	0	0	0	0	6.9	0.8	0	7.7
1992.0	0	0	0	0	0	0	0	6.9	6.9	6.9	0.8	0	21.5
1993.0	0	0	0	0	0	0	0	0	0	6.9	0	0	6.9
1994.0	0	0	0	0	0	0	0	0	6.9	6.9	0.8	0	14.6
AVG:	0.1	0	0	0	0	0.1	1.5	1.8	3.6	6.2	0.6	0	13.8
MIN:	0	0	0	0	0	0	0	0	0	0	0	0	0
MAX:	0.2	0	0	0	0	6.4	6.7	6.9	6.9	6.9	0.8	0	33.8

Table 12

Alternative 3 - Water to be Subtracted from Diversion at CP #649, TAF

YEAR	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	TOTAL
1922.0	1.1	0	0	0	0	0	0.9	0	0	8.6	5.9	0	16.4
1923.0	0	0	0	0	0	0	0.9	0	0	8.6	7.2	0	16.6
1924.0	0	0	0	0	0	0	3.7	6.2	8.1	8.6	7.2	0	33.8
1925.0	1.1	0	0	0	0	0	0	0	3.0	8.6	7.2	0	19.8
1926.0	1.1	0	0	0	0	0	0.9	2.0	8.1	8.6	7.2	0	27.8
1927.0	1.1	0	0	0	0	0	0	0	1.0	8.6	7.2	0	17.8
1928.0	0	0	0	0	0	0	1.4	1.0	8.1	8.6	7.2	0	26.2
1929.0	1.1	0	0	0	0	0	0	1.0	5.9	8.6	7.2	0	23.7
1930.0	1.1	0	0	0	0	0	0.9	2.0	8.1	8.6	7.2	0	27.8
1931.0	0	0	0	0	0	0	2.6	6.2	8.1	8.6	7.2	0	32.7
1932.0	0	0	0	0	0	0	0	0	0	8.6	7.2	0	15.7
1933.0	0	0	0	0	0	0	1.4	2.0	1.0	8.6	7.2	0	20.1
1934.0	1.1	0	0	0	0	0	0.9	6.2	8.1	8.6	7.2	0	32.0
1935.0	1.1	0	0	0	0	0	0	0	0	8.6	7.2	0	16.8
1936.0	0	0	0	0	0	0	0	0	0	8.6	7.2	0	15.7
1937.0	0	0	0	0	0	0	0	0	0	8.6	7.2	0	15.7
1938.0	0	0	0	0	0	0	0	0	0	2.7	0	0	2.7
1939.0	0	0	0	0	0	0	0	5.2	8.2	8.6	7.2	0	29.0
1940.0	1.1	0	0	0	0	0	0	0	5.9	8.6	7.2	0	22.7
1941.0	0	0	0	0	0	0	0	0	0	7.1	5.2	0	12.3
1942.0	0	0	0	0	0	0	0	0	0	6.2	2.7	0	8.9
1943.0	0	0	0	0	0	0	0	0	1.0	8.6	7.2	0	16.8
1944.0	0	0	0	0	0	0	0	1.0	8.1	8.6	7.2	0	24.8
1945.0	1.1	0	0	0	0	0	0	0	0	8.6	7.2	0	16.8
1946.0	0	0	0	0	0	0	0.9	0	8.1	8.6	7.2	0	24.7
1947.0	0	0	0	0	0	0	4.6	1.0	8.1	8.6	7.2	0	29.4
1948.0	1.1	0	0	0	0	0	0.9	1.0	0	8.6	7.2	0	18.6
1949.0	1.1	0	0	0	0	0	1.4	1.0	8.1	8.6	7.2	0	27.3
1950.0	1.1	0	0	0	0	0	0.9	0	1.0	8.6	5.2	0	16.7
1951.0	1.1	0	0	0	0	0	4.6	6.2	8.1	8.6	5.9	0	34.5
1952.0	1.1	0	0	0	0	0	0	0	0	0	0	0	1.1
1953.0	0	0	0	0	0	0	3.7	6.2	2.4	6.2	2.7	0	21.1
1954.0	1.1	0	0	0	0	0	0	0	6.7	8.6	5.2	0	21.6
1955.0	1.1	0	0	0	0	0.4	4.6	1.0	8.1	8.6	7.2	0	30.9
1956.0	1.1	0	0	0	0	0	1.4	0	0	3.1	0	0	5.6
1957.0	0	0	0	0	0	0	4.6	2.0	1.0	8.6	5.2	0	21.4
1958.0	1.1	0	0	0	0	0	0	0	0	0	0	0	1.1
1959.0	0	0	0	0	0	0	0.9	6.2	8.1	8.6	7.2	0	30.9
1960.0	1.1	0	0	0	0	0	0.9	1.0	8.1	8.6	7.2	0	26.8
1961.0	1.1	0	0	0	0	0	0.9	5.2	8.1	8.6	7.2	0	30.9
1962.0	0	0	0	0	0	0	0	1.0	0	8.6	7.2	0	16.7
1963.0	1.1	0	0	0	0	0	0	0	0	8.6	2.7	0	12.3
1964.0	0	0	0	0	0	0.5	4.6	2.0	8.1	8.6	7.2	0	31.0
1965.0	1.1	0	0	0	0	0	0	1.0	1.0	8.6	0	0	11.7
1966.0	0	0	0	0	0	0	1.4	2.0	8.1	8.6	7.2	0	27.2
1967.0	1.1	0	0	0	0	0	0	0	0	0	0	0	1.1
1968.0	0	0	0	0	0	0	4.6	2.0	8.1	8.6	0	0	23.3
1969.0	1.1	0	0	0	0	0	0	0	0	2.5	0	0	3.6
1970.0	0	0	0	0	0	0	4.6	6.2	6.7	8.6	2.7	0	28.8
1971.0	1.1	0	0	0	0	0	4.6	6.2	1.0	3.1	2.2	0	18.2
1972.0	1.1	0	0	0	0	0	4.6	1.0	8.1	8.6	5.9	0	29.3
1973.0	1.1	0	0	0	0	0	0	0	5.9	8.6	5.2	0	20.7
1974.0	0	0	0	0	0	0	0	0	1.0	0	0	0	1.0
1975.0	0	0	0	0	0	0	0	1.0	0	3.1	0	0	4.1
1976.0	0	0	0	0	0	0	1.4	5.2	8.1	8.6	2.7	0	25.9
1977.0	0	0	0	0	0.6	0	4.6	6.2	8.1	8.6	5.2	0	33.3
1978.0	0.5	0	0	0	0	0	0	0	0	8.6	5.9	0	15.0
1979.0	0	0	0	0	0	0	0	0	8.1	8.6	2.7	0	19.4
1980.0	0	0	0	0	0	0	0	0	0	7.1	2.7	0	9.8
1981.0	0	0	0	0	0	0	0.9	1.0	8.1	8.6	5.9	0	24.5
1982.0	1.1	0	0	0	0	0	0	0	0	0	0	0	1.1
1983.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1984.0	0	0	0	0	0	0	4.6	2.0	3.0	8.6	0	0	18.1
1985.0	1.1	0	0	0	0	0	0.9	4.5	8.1	8.6	7.2	0	30.3
1986.0	1.1	0	0	0	0	0	0	0	0	8.6	5.2	0	14.8
1987.0	0	0	0	0	0	0	0	5.2	8.1	8.6	7.2	0	29.0
1988.0	1.1	0	0	0	0	0	0.9	4.5	8.1	8.6	7.2	0	30.3
1989.0	0	0	0	0	0	0	0.9	1.0	8.1	8.6	5.9	0	24.5
1990.0	0	0	0	0	0	0	0.9	1.0	8.1	8.6	7.2	0	25.7
1991.0	0	0	0	0	0.6	0	0	1.0	2.4	8.6	5.2	0	17.8
1992.0	0	0	0	0	0	0	0	2.4	8.1	8.6	7.2	0	26.3
1993.0	0	0	0	0	0	0	1.4	1.0	0	8.6	0	0	10.9
1994.0	0	0	0	0	0	0	0	1.0	8.1	8.6	5.9	0	23.6
AVG:	0.5	0	0	0	0.0	0.0	1.1	1.7	4.1	7.3	5.0	0	19.8
MIN:	0	0	0	0	0	0	0	0	0	0	0	0	0
MAX:	1.1	0	0	0	0.6	0.5	4.6	6.2	8.2	8.6	7.2	0	34.5

Table 13

Alternative 3 - Water to be Subtracted from Diversion at CP #672, TAF

YEAR	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	TOTAL
1922.0	0.7	0	0	0	0	0	0.0	0	0	9.1	4.5	0	14.3
1923.0	0	0	0	0	0	0	0.0	0	0	9.1	7.4	0	16.6
1924.0	0	0	0	0	0	0	0.2	6.3	8.6	9.1	6.2	0	30.5
1925.0	0.7	0	0	0	0	0	0	0	0.5	9.1	7.4	0	17.7
1926.0	0.7	0	0	0	0	0	0.0	0	8.6	9.1	7.4	0	25.8
1927.0	0.7	0	0	0	0	0	0	0	0	9.1	7.4	0	17.2
1928.0	0	0	0	0	0	0	0.1	0	8.6	9.1	7.4	0	25.2
1929.0	0.7	0	0	0	0	0	0	0	0.5	9.1	7.4	0	17.7
1930.0	0.7	0	0	0	0	0	0.0	0	8.6	9.1	7.4	0	25.8
1931.0	0	0	0	0	0	0	0.2	6.3	8.6	9.1	7.4	0	31.7
1932.0	0	0	0	0	0	0	0	0	0	9.1	6.2	0	15.3
1933.0	0	0	0	0	0	0	0.1	0.0	0	9.1	7.4	0	16.6
1934.0	0.7	0	0	0	0	0	0.0	6.3	8.6	9.1	7.4	0	32.1
1935.0	0.7	0	0	0	0	0	0	0	0	9.1	6.2	0	16.0
1936.0	0	0	0	0	0	0	0	0	0	9.1	7.4	0	16.5
1937.0	0	0	0	0	0	0	0	0	0	9.1	7.4	0	16.5
1938.0	0	0	0	0	0	0	0	0	0	0.0	0.0	0	0.0
1939.0	0	0	0	0	0	0	0	3.8	8.6	9.1	7.4	0	28.9
1940.0	0.7	0	0	0	0	0	0	0	0.5	9.1	7.4	0	17.7
1941.0	0	0	0	0	0	0	0	0	0	5.5	0.5	0	6.0
1942.0	0	0	0	0	0	0	0	0	0	0.5	0.5	0	1.0
1943.0	0	0	0	0	0	0	0	0	0	9.1	7.4	0	16.5
1944.0	0	0	0	0	0	0	0	0	8.6	9.1	7.4	0	25.1
1945.0	0.7	0	0	0	0	0	0	0	0	9.1	7.4	0	17.2
1946.0	0	0	0	0	0	0	0.0	0	8.6	9.1	7.4	0	25.2
1947.0	0	0	0	0	0	0	3.4	0	8.6	9.1	7.4	0	28.5
1948.0	0.7	0	0	0	0	0	0.0	0	0	9.1	7.4	0	17.2
1949.0	0.7	0	0	0	0	0	0.1	0	8.6	9.1	7.4	0	25.8
1950.0	0.7	0	0	0	0	0	0.0	0	0.0	9.1	0.5	0	10.3
1951.0	0.7	0	0	0	0	0	3.4	6.3	8.6	9.1	4.5	0	32.5
1952.0	0.7	0	0	0	0	0	0	0	0	0	0	0	0.7
1953.0	0	0	0	0	0	0	0.2	6.3	0.0	0.5	0.0	0	7.1
1954.0	0.7	0	0	0	0	0	0	0	5.2	9.1	0.5	0	15.4
1955.0	0.7	0	0	0	0	0	3.4	0	8.6	9.1	7.4	0	29.1
1956.0	0.7	0	0	0	0	0	0.1	0	0	0.5	0	0	1.2
1957.0	0	0	0	0	0	0	3.4	0	0	9.1	0.5	0	12.9
1958.0	0.7	0	0	0	0	0	0	0	0	0	0	0	0.7
1959.0	0	0	0	0	0	0	0.0	6.3	8.6	9.1	7.4	0	31.5
1960.0	0.7	0	0	0	0	0	0.0	0	8.6	9.1	7.4	0	25.8
1961.0	0.7	0	0	0	0	0	0.0	3.8	8.6	9.1	7.4	0	29.6
1962.0	0	0	0	0	0	0	0	0	0	9.1	7.4	0	16.5
1963.0	0.7	0	0	0	0	0	0	0	0	9.1	0.0	0	9.8
1964.0	0	0	0	0	0	0.0	3.4	0.0	8.6	9.1	7.4	0	28.5
1965.0	0.7	0	0	0	0	0	0	0	0	9.1	0	0	9.7
1966.0	0	0	0	0	0	0	0.1	0.0	8.6	9.1	7.4	0	25.2
1967.0	0.7	0	0	0	0	0	0	0	0	0	0	0	0.7
1968.0	0	0	0	0	0	0	3.4	0	8.6	9.1	0	0	21.0
1969.0	0.7	0	0	0	0	0	0	0	0	0.0	0	0	0.7
1970.0	0	0	0	0	0	0	3.4	6.3	5.2	9.1	0.5	0	24.4
1971.0	0.7	0	0	0	0	0	3.4	6.3	0	0.5	0.0	0	10.9
1972.0	0.7	0	0	0	0	0	3.4	0	8.6	9.1	4.5	0	26.2
1973.0	0.7	0	0	0	0	0	0	0	0.5	9.1	0.5	0	10.7
1974.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1975.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1976.0	0	0	0	0	0	0	0.1	3.8	8.6	9.1	0.0	0	21.6
1977.0	0	0	0	0	0	0	3.4	6.3	8.6	9.1	0.5	0	27.8
1978.0	0.1	0	0	0	0	0	0	0	0	9.1	4.5	0	13.7
1979.0	0	0	0	0	0	0	0	0	8.6	9.1	0.0	0	17.7
1980.0	0	0	0	0	0	0	0	0	0	5.5	0.0	0	5.5
1981.0	0	0	0	0	0	0	0.0	0	8.6	9.1	4.5	0	22.2
1982.0	0.7	0	0	0	0	0	0	0	0	0	0	0	0.7
1983.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1984.0	0	0	0	0	0	0	3.4	0	0.5	9.1	0	0	13.0
1985.0	0.7	0	0	0	0	0	0.0	0.4	8.6	9.1	7.4	0	26.2
1986.0	0.7	0	0	0	0	0	0	0	0	9.1	0.5	0	10.2
1987.0	0	0	0	0	0	0	0	3.8	8.6	9.1	7.4	0	28.9
1988.0	0.7	0	0	0	0	0	0.0	0.4	8.6	9.1	7.4	0	26.2
1989.0	0	0	0	0	0	0	0.0	0	8.6	9.1	4.5	0	22.2
1990.0	0	0	0	0	0	0	0.0	0	8.6	9.1	7.4	0	25.2
1991.0	0	0	0	0	0	0	0	0	0.0	9.1	0.5	0	9.6
1992.0	0	0	0	0	0	0	0	0.4	8.6	9.1	7.4	0	25.5
1993.0	0	0	0	0	0	0	0.1	0	0	9.1	0	0	9.1
1994.0	0	0	0	0	0	0	0	0	8.6	9.1	4.5	0	22.2
AVG:	0.3	0	0	0	0	0.0	0.5	1.0	3.8	7.4	4.1	0	17.2
MIN:	0	0	0	0	0	0	0	0	0	0	0	0	0
MAX:	0.7	0	0	0	0	0.0	3.4	6.3	8.6	9.1	7.4	0	32.5

Table 14

Alternative 3 - Water to be Subtracted from Diversion at CP #688, TAF

YEAR	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	TOTAL
1922.0	0.2	0	0	0	0	0	0	0	0	1.3	1.3	0	2.7
1923.0	0	0	0	0	0	0	0	0	0	1.3	1.3	0	2.5
1924.0	0	0	0	0	0	0	0.6	1.2	1.3	1.3	1.3	0	5.6
1925.0	0.2	0	0	0	0	0	0	0	1.3	1.3	1.3	0	4.0
1926.0	0.2	0	0	0	0	0	0	1.2	1.3	1.3	1.3	0	5.1
1927.0	0.2	0	0	0	0	0	0	0	0	1.3	1.3	0	2.7
1928.0	0	0	0	0	0	0	0.6	0	1.3	1.3	1.3	0	4.4
1929.0	0.2	0	0	0	0	0	0	0	1.3	1.3	1.3	0	4.0
1930.0	0.2	0	0	0	0	0	0	1.2	1.3	1.3	1.3	0	5.1
1931.0	0	0	0	0	0	0	0.6	1.2	1.3	1.3	1.3	0	5.6
1932.0	0	0	0	0	0	0	0	0	0	1.3	1.3	0	2.5
1933.0	0	0	0	0	0	0	0.6	1.2	0	1.3	1.3	0	4.3
1934.0	0.2	0	0	0	0	0	0	1.2	1.3	1.3	1.3	0	5.1
1935.0	0.2	0	0	0	0	0	0	0	0	1.3	1.3	0	2.7
1936.0	0	0	0	0	0	0	0	0	0	1.3	1.3	0	2.5
1937.0	0	0	0	0	0	0	0	0	0	1.3	1.3	0	2.5
1938.0	0	0	0	0	0	0	0	0	0	1.3	1.3	0	1.3
1939.0	0	0	0	0	0	0	0	1.2	1.3	1.3	1.3	0	5.0
1940.0	0.2	0	0	0	0	0	0	0	1.3	1.3	1.3	0	4.0
1941.0	0	0	0	0	0	0	0	0	0	1.3	1.3	0	2.5
1942.0	0	0	0	0	0	0	0	0	0	1.3	1.3	0	2.5
1943.0	0	0	0	0	0	0	0	0	0	1.3	1.3	0	2.5
1944.0	0	0	0	0	0	0	0	0	1.3	1.3	1.3	0	3.8
1945.0	0.2	0	0	0	0	0	0	0	0	1.3	1.3	0	2.7
1946.0	0	0	0	0	0	0	0	0	1.3	1.3	1.3	0	3.8
1947.0	0	0	0	0	0	0	0.6	0	1.3	1.3	1.3	0	4.4
1948.0	0.2	0	0	0	0	0	0	0	0	1.3	1.3	0	2.7
1949.0	0.2	0	0	0	0	0	0.6	0	1.3	1.3	1.3	0	4.6
1950.0	0.2	0	0	0	0	0	0	0	0	1.3	1.3	0	2.7
1951.0	0.2	0	0	0	0	0	0.6	1.2	1.3	1.3	1.3	0	5.8
1952.0	0.2	0	0	0	0	0	0	0	0	0	0	0	0.2
1953.0	0	0	0	0	0	0	0.6	1.2	1.3	1.3	1.3	0	5.6
1954.0	0.2	0	0	0	0	0	0	0	1.3	1.3	1.3	0	4.0
1955.0	0.2	0	0	0	0	0.3	0.6	0	1.3	1.3	1.3	0	4.9
1956.0	0.2	0	0	0	0	0	0.6	0	0	1.3	0	0	2.1
1957.0	0	0	0	0	0	0	0.6	1.2	0	1.3	1.3	0	4.3
1958.0	0.2	0	0	0	0	0	0	0	0	0	0	0	0.2
1959.0	0	0	0	0	0	0	0	1.2	1.3	1.3	1.3	0	5.0
1960.0	0.2	0	0	0	0	0	0	0	1.3	1.3	1.3	0	4.0
1961.0	0.2	0	0	0	0	0	0	1.2	1.3	1.3	1.3	0	5.1
1962.0	0	0	0	0	0	0	0	0	0	1.3	1.3	0	2.5
1963.0	0.2	0	0	0	0	0	0	0	0	1.3	1.3	0	2.7
1964.0	0	0	0	0	0	0.3	0.6	1.2	1.3	1.3	1.3	0	5.9
1965.0	0.2	0	0	0	0	0	0	0	0	1.3	0	0	1.5
1966.0	0	0	0	0	0	0	0.6	1.2	1.3	1.3	1.3	0	5.6
1967.0	0.2	0	0	0	0	0	0	0	0	0	0	0	0.2
1968.0	0	0	0	0	0	0	0.6	1.2	1.3	1.3	0	0	4.3
1969.0	0.2	0	0	0	0	0	0	0	0	1.3	0	0	1.5
1970.0	0	0	0	0	0	0	0.6	1.2	1.3	1.3	1.3	0	5.6
1971.0	0.2	0	0	0	0	0	0.6	1.2	0	1.3	1.3	0	4.5
1972.0	0.2	0	0	0	0	0	0.6	0	1.3	1.3	1.3	0	4.6
1973.0	0.2	0	0	0	0	0	0	0	1.3	1.3	1.3	0	4.0
1974.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1975.0	0	0	0	0	0	0	0	0	0	1.3	0	0	1.3
1976.0	0	0	0	0	0	0	0.6	1.2	1.3	1.3	1.3	0	5.6
1977.0	0	0	0	0	0	0	0.6	1.2	1.3	1.3	1.3	0	5.6
1978.0	0.2	0	0	0	0	0	0	0	0	1.3	1.3	0	2.7
1979.0	0	0	0	0	0	0	0	0	1.3	1.3	1.3	0	3.8
1980.0	0	0	0	0	0	0	0	0	0	1.3	1.3	0	2.5
1981.0	0	0	0	0	0	0	0	0	1.3	1.3	1.3	0	3.8
1982.0	0.2	0	0	0	0	0	0	0	0	0	0	0	0.2
1983.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1984.0	0	0	0	0	0	0	0.6	1.2	1.3	1.3	0	0	4.3
1985.0	0.2	0	0	0	0	0	0	1.2	1.3	1.3	1.3	0	5.1
1986.0	0.2	0	0	0	0	0	0	0	0	1.3	1.3	0	2.7
1987.0	0	0	0	0	0	0	0	1.2	1.3	1.3	1.3	0	5.0
1988.0	0.2	0	0	0	0	0	0	1.2	1.3	1.3	1.3	0	5.1
1989.0	0	0	0	0	0	0	0	0	1.3	1.3	1.3	0	3.8
1990.0	0	0	0	0	0	0	0	0	1.3	1.3	1.3	0	3.8
1991.0	0	0	0	0	0	0	0	0	1.3	1.3	1.3	0	3.8
1992.0	0	0	0	0	0	0	0	1.2	1.3	1.3	1.3	0	5.0
1993.0	0	0	0	0	0	0	0.6	0	0	1.3	0	0	1.9
1994.0	0	0	0	0	0	0	0	0	1.3	1.3	1.3	0	3.8
AVG:	0.1	0	0	0	0	0.0	0.2	0.4	0.7	1.1	1.0	0	3.5
MIN:	0	0	0	0	0	0	0	0	0	0	0	0	0
MAX:	0.2	0	0	0	0	0.3	0.6	1.2	1.3	1.3	1.3	0	5.9

Table 15

Alternative 3 - Water to be Subtracted from Diversion at CP #693, TAF

YEAR	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	TOTAL
1922.0	0.1	0	0	0	0	0	0.3	0.5	0	0.5	0.5	0	1.9
1923.0	0	0	0	0	0	0.2	0.3	0.5	0	0.5	0.5	0	2.0
1924.0	0	0	0	0	0	0	0.3	0.5	0.5	0.5	0.5	0	2.3
1925.0	0.1	0	0	0	0	0	0.3	0.5	0.5	0.5	0.5	0	2.4
1926.0	0.1	0	0	0	0	0.2	0.3	0.5	0.5	0.5	0.5	0	2.6
1927.0	0.1	0	0	0	0	0	0.3	0.5	0.5	0.5	0.5	0	2.4
1928.0	0	0	0	0	0	0	0.3	0.5	0.5	0.5	0.5	0	2.3
1929.0	0.1	0	0	0	0	0	0	0.5	0.5	0.5	0.5	0	2.1
1930.0	0.1	0	0	0	0	0	0.3	0.5	0.5	0.5	0.5	0	2.4
1931.0	0	0	0	0	0	0	0.3	0.5	0.5	0.5	0.5	0	2.3
1932.0	0	0	0	0	0	0	0	0.5	0.5	0.5	0.5	0	2.0
1933.0	0	0	0	0	0	0	0.3	0.5	0.5	0.5	0.5	0	2.3
1934.0	0.1	0	0	0	0	0	0.3	0.5	0.5	0.5	0.5	0	2.4
1935.0	0.1	0	0	0	0	0	0	0	0	0.5	0.5	0	1.1
1936.0	0	0	0	0	0	0	0	0.5	0.5	0.5	0.5	0	2.0
1937.0	0	0	0	0	0	0	0	0	0	0.5	0.5	0	1.0
1938.0	0	0	0	0	0	0	0	0	0	0	0.5	0	0.5
1939.0	0	0	0	0	0	0	0	0.5	0.5	0.5	0.5	0	2.0
1940.0	0.1	0	0	0	0	0	0	0.5	0.5	0.5	0.5	0	2.1
1941.0	0	0	0	0	0	0	0	0	0	0.5	0.5	0	1.0
1942.0	0	0	0	0	0	0	0	0.5	0	0.5	0.5	0	1.5
1943.0	0	0	0	0	0	0	0	0	0.5	0.5	0.5	0	1.5
1944.0	0	0	0	0	0	0	0	0.5	0.5	0.5	0.5	0	2.0
1945.0	0.1	0	0	0	0	0	0	0.5	0	0.5	0.5	0	1.6
1946.0	0	0	0	0	0	0	0.3	0.5	0.5	0.5	0.5	0	2.3
1947.0	0	0	0	0	0	0.2	0.3	0.5	0.5	0.5	0.5	0	2.5
1948.0	0.1	0	0	0	0	0	0.3	0.5	0.5	0.5	0.5	0	2.4
1949.0	0.1	0	0	0	0	0	0.3	0.5	0.5	0.5	0.5	0	2.4
1950.0	0.1	0	0	0	0	0	0.3	0.5	0.5	0.5	0.5	0	2.4
1951.0	0.1	0	0	0	0	0	0.3	0.5	0.5	0.5	0.5	0	2.4
1952.0	0.1	0	0	0	0	0	0	0	0	0	0	0	0.1
1953.0	0	0	0	0	0	0	0.3	0.5	0.5	0.5	0.5	0	2.3
1954.0	0.1	0	0	0	0	0	0.3	0.5	0.5	0.5	0.5	0	2.4
1955.0	0.1	0	0	0	0	0.2	0.3	0.5	0.5	0.5	0.5	0	2.6
1956.0	0.1	0	0	0	0	0	0.3	0	0	0.5	0	0	0.9
1957.0	0	0	0	0	0	0	0.3	0.5	0.5	0.5	0.5	0	2.3
1958.0	0.1	0	0	0	0	0	0	0	0	0	0	0	0.1
1959.0	0	0	0	0	0	0	0.3	0.5	0.5	0.5	0.5	0	2.3
1960.0	0.1	0	0	0	0	0	0.3	0.5	0.5	0.5	0.5	0	2.4
1961.0	0.1	0	0	0	0	0	0.3	0.5	0.5	0.5	0.5	0	2.4
1962.0	0	0	0	0	0	0	0	0.5	0.5	0.5	0.5	0	2.0
1963.0	0.1	0	0	0	0	0.2	0	0.5	0.5	0.5	0.5	0	2.3
1964.0	0	0	0	0	0	0.2	0.3	0.5	0.5	0.5	0.5	0	2.5
1965.0	0.1	0	0	0	0	0	0.3	0.5	0.5	0.5	0	0	1.9
1966.0	0	0	0	0	0	0	0.3	0.5	0.5	0.5	0.5	0	2.3
1967.0	0.1	0	0	0	0	0	0	0	0	0	0	0	0.1
1968.0	0	0	0	0	0	0	0.3	0.5	0.5	0.5	0	0	1.8
1969.0	0.1	0	0	0	0	0	0	0	0	0.5	0	0	0.6
1970.0	0	0	0	0	0	0	0.3	0.5	0.5	0.5	0.5	0	2.3
1971.0	0.1	0	0	0	0	0	0.3	0.5	0.5	0.5	0.5	0	2.4
1972.0	0.1	0	0	0	0	0.2	0.3	0.5	0.5	0.5	0.5	0	2.6
1973.0	0.1	0	0	0	0	0	0	0.5	0.5	0.5	0.5	0	2.1
1974.0	0	0	0	0	0	0	0	0.5	0.5	0	0	0	1.0
1975.0	0	0	0	0	0	0	0	0.5	0	0.5	0	0	1.0
1976.0	0	0	0	0	0	0	0.3	0.5	0.5	0.5	0.5	0	2.3
1977.0	0	0	0	0	0	0	0.3	0.5	0.5	0.5	0.5	0	2.3
1978.0	0.1	0	0	0	0	0	0	0	0	0.5	0.5	0	1.1
1979.0	0	0	0	0	0	0	0.3	0.5	0.5	0.5	0.5	0	2.3
1980.0	0	0	0	0	0	0	0	0	0	0.5	0.5	0	1.0
1981.0	0	0	0	0	0	0	0.3	0.5	0.5	0.5	0.5	0	2.3
1982.0	0.1	0	0	0	0	0	0	0	0	0	0	0	0.1
1983.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1984.0	0	0	0	0	0	0	0.3	0.5	0.5	0.5	0	0	1.8
1985.0	0.1	0	0	0	0	0	0.3	0.5	0.5	0.5	0.5	0	2.4
1986.0	0.1	0	0	0	0	0	0	0	0	0.5	0.5	0	1.1
1987.0	0	0	0	0	0	0	0	0.5	0.5	0.5	0.5	0	2.0
1988.0	0.1	0	0	0	0	0	0.3	0.5	0.5	0.5	0.5	0	2.4
1989.0	0	0	0	0	0	0	0.3	0.5	0.5	0.5	0.5	0	2.3
1990.0	0	0	0	0	0	0	0.3	0.5	0.5	0.5	0.5	0	2.3
1991.0	0	0	0	0	0	0	0	0.5	0.5	0.5	0.5	0	2.0
1992.0	0	0	0	0	0	0	0	0.5	0.5	0.5	0.5	0	2.0
1993.0	0	0	0	0	0	0.2	0.3	0.5	0	0.5	0	0	1.5
1994.0	0	0	0	0	0	0	0.3	0.5	0.5	0.5	0.5	0	2.3
AVG:	0.0	0	0	0	0	0.0	0.2	0.4	0.4	0.5	0.4	0	1.9
MIN:	0	0	0	0	0	0	0	0	0	0	0	0	0
MAX:	0.1	0	0	0	0	0.2	0.3	0.5	0.5	0.5	0.5	0	2.6

Table 16

Alternative 3 - Water to be Subtracted from Diversion at CP #699, TAF

YEAR	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	TOTAL
1922.0	1.9	0	0	0	0	0	0	0	0	17.3	1.1	0	20.3
1923.0	0	0	0	0	0	0	0	0	0	17.3	14.2	0	31.5
1924.0	0	0	0	0	0	0	0	12.0	16.4	17.3	14.2	0	59.9
1925.0	1.9	0	0	0	0	0	0	0	0	17.3	14.2	0	33.4
1926.0	1.9	0	0	0	0	0	0	0	16.4	17.3	14.2	0	49.8
1927.0	1.9	0	0	0	0	0	0	0	0	17.3	14.2	0	33.4
1928.0	0	0	0	0	0	0	0	0	16.4	17.3	14.2	0	47.9
1929.0	1.9	0	0	0	0	0	0	0	0	17.3	14.2	0	33.4
1930.0	1.9	0	0	0	0	0	0	0	16.4	17.3	14.2	0	49.8
1931.0	0	0	0	0	0	0	0	12.0	16.4	17.3	14.2	0	59.9
1932.0	0	0	0	0	0	0	0	0	0	17.3	14.2	0	31.5
1933.0	0	0	0	0	0	0	0	0	0	17.3	14.2	0	31.5
1934.0	1.9	0	0	0	0	0	0	12.0	16.4	17.3	14.2	0	61.8
1935.0	1.9	0	0	0	0	0	0	0	0	17.3	14.2	0	33.4
1936.0	0	0	0	0	0	0	0	0	0	17.3	14.2	0	31.5
1937.0	0	0	0	0	0	0	0	0	0	17.3	14.2	0	31.5
1938.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1939.0	0	0	0	0	0	0	0	12.0	16.4	17.3	14.2	0	59.9
1940.0	1.9	0	0	0	0	0	0	0	0	17.3	14.2	0	33.4
1941.0	0	0	0	0	0	0	0	0	0	1.3	0	0	1.3
1942.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1943.0	0	0	0	0	0	0	0	0	0	17.3	14.2	0	31.5
1944.0	0	0	0	0	0	0	0	0	16.4	17.3	14.2	0	47.9
1945.0	1.9	0	0	0	0	0	0	0	0	17.3	14.2	0	33.4
1946.0	0	0	0	0	0	0	0	0	16.4	17.3	14.2	0	47.9
1947.0	0	0	0	0	0	0	6.3	0	16.4	17.3	14.2	0	54.2
1948.0	1.9	0	0	0	0	0	0	0	0	17.3	14.2	0	33.4
1949.0	1.9	0	0	0	0	0	0	0	16.4	17.3	14.2	0	49.8
1950.0	1.9	0	0	0	0	0	0	0	0	17.3	0	0	19.2
1951.0	1.9	0	0	0	0	0	6.3	12.0	16.4	17.3	1.1	0	55.0
1952.0	1.9	0	0	0	0	0	0	0	0	0	0	0	1.9
1953.0	0	0	0	0	0	0	0	12.0	0	0	0	0	12.0
1954.0	1.9	0	0	0	0	0	0	0	1.3	17.3	0	0	20.5
1955.0	1.9	0	0	0	0	0	6.3	0	16.4	17.3	14.2	0	56.1
1956.0	1.9	0	0	0	0	0	0	0	0	0	0	0	1.9
1957.0	0	0	0	0	0	0	6.3	0	0	17.3	0	0	23.6
1958.0	1.9	0	0	0	0	0	0	0	0	0	0	0	1.9
1959.0	0	0	0	0	0	0	0	12.0	16.4	17.3	14.2	0	59.9
1960.0	1.9	0	0	0	0	0	0	0	16.4	17.3	14.2	0	49.8
1961.0	1.9	0	0	0	0	0	0	12.0	16.4	17.3	14.2	0	61.8
1962.0	0	0	0	0	0	0	0	0	0	17.3	14.2	0	31.5
1963.0	1.9	0	0	0	0	0	0	0	0	17.3	0	0	19.2
1964.0	0	0	0	0	0	0	6.3	0	16.4	17.3	14.2	0	54.2
1965.0	1.9	0	0	0	0	0	0	0	0	17.3	0	0	19.2
1966.0	0	0	0	0	0	0	0	0	16.4	17.3	14.2	0	47.9
1967.0	1.9	0	0	0	0	0	0	0	0	0	0	0	1.9
1968.0	0	0	0	0	0	0	6.3	0	16.4	17.3	0	0	40.0
1969.0	1.9	0	0	0	0	0	0	0	0	0	0	0	1.9
1970.0	0	0	0	0	0	0	6.3	12.0	1.3	17.3	0	0	36.9
1971.0	1.9	0	0	0	0	0	6.3	12.0	0	0	0	0	20.2
1972.0	1.9	0	0	0	0	0	6.3	0	16.4	17.3	1.1	0	43.0
1973.0	1.9	0	0	0	0	0	0	0	0	17.3	0	0	19.2
1974.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1975.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1976.0	0	0	0	0	0	0	0	12.0	16.4	17.3	0	0	45.7
1977.0	0	0	0	0	0	0	6.3	12.0	16.4	17.3	0	0	52.0
1978.0	0	0	0	0	0	0	0	0	0	17.3	1.1	0	18.4
1979.0	0	0	0	0	0	0	0	0	16.4	17.3	0	0	33.7
1980.0	0	0	0	0	0	0	0	0	0	1.3	0	0	1.3
1981.0	0	0	0	0	0	0	0	0	16.4	17.3	1.1	0	34.8
1982.0	1.9	0	0	0	0	0	0	0	0	0	0	0	1.9
1983.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1984.0	0	0	0	0	0	0	6.3	0	0	17.3	0	0	23.6
1985.0	1.9	0	0	0	0	0	0	0	16.4	17.3	14.2	0	49.8
1986.0	1.9	0	0	0	0	0	0	0	0	17.3	0	0	19.2
1987.0	0	0	0	0	0	0	0	1.0	16.4	17.3	14.2	0	48.9
1988.0	1.9	0	0	0	0	0	0	0	16.4	17.3	14.2	0	49.8
1989.0	0	0	0	0	0	0	0	0	16.4	17.3	1.1	0	34.8
1990.0	0	0	0	0	0	0	0	0	16.4	17.3	14.2	0	47.9
1991.0	0	0	0	0	0	0	0	0	0	17.3	0	0	17.3
1992.0	0	0	0	0	0	0	0	0	16.4	17.3	14.2	0	47.9
1993.0	0	0	0	0	0	0	0	0	0	17.3	0	0	17.3
1994.0	0	0	0	0	0	0	0	0	16.4	17.3	1.1	0	34.8
AVG:	0.8	0	0	0	0	0	1.0	2.0	7.0	13.8	7.1	0	31.7
MIN:	0	0	0	0	0	0	0	0	0	0	0	0	0
MAX:	1.9	0	0	0	0	0	6.3	12.0	16.4	17.3	14.2	0	61.8

Table 1**Alternative 4 - Total Water to be Released from New Melones Reservoir for Vernalis and Delta Outflow Objectives, TAF**

YEAR	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	TOTAL
1922	6.0	0	0	0	0	0	21.8	108.0	0	0	0	0	135.8
1923	0	0	0	0	0	42.0	52.0	108.4	0	0	0	0	202.4
1924	0	0	0	0	0	0	11.0	16.0	0	0	0	0	27.0
1925	23.4	0	0	0	0	0	23.0	69.5	0	0	0	0	115.9
1926	23.4	0	0	0	0	31.8	34.0	70.0	0	0	0	0	159.2
1927	27.0	0	0	0	0	0	24.0	113.0	89.4	0	0	0	253.4
1928	0	0	0	0	0	0	38.7	87.0	0	0	0	0	125.8
1929	23.4	0	0	0	0	0	0	3.0	0	0	0	0	26.4
1930	23.4	0	0	0	0	0	15.0	20.0	0	0	0	0	58.4
1931	0	0	0	0	0	0	6.0	20.0	0	0	0	0	26.0
1932	0	0	0	0	0	0	0	68.0	32.0	0	0	0	100.0
1933	0	0	0	0	0	0	31.0	57.0	0.0	0	0	0	88.0
1934	23.4	0	0	0	0	0	10.0	42.0	0	0	0	0	75.4
1935	23.4	0	0	0	0	0	0	0	0	0	0	0	23.4
1936	0	0	0	0	0	0	0	49.0	12.3	0	0	0	61.3
1937	0	0	0	0	0	0	0	0	0	0	0	0	0
1938	0	0	0	0	0	0	0	0	0	0	0	0	0
1939	0	0	0	0	0	0	0	45.0	0	0	0	0	45.0
1940	11.4	0	0	0	0	0	0	62.0	0	0	0	0	73.4
1941	0	0	0	0	0	0	0	0	0	0	0	0	0
1942	0	0	0	0	0	0	0	11.0	0	0	0	0	11.0
1943	0	0	0	0	0	0	0	0	45.2	0	0	0	45.2
1944	0	0	0	0	0	0	0	4.1	0	0	0	0	4.1
1945	14.0	0	0	0	0	0	0	11.0	0	0	0	0	25.0
1946	0	0	0	0	0	0	26.0	11.0	0	0	0	0	37.0
1947	0	0	0	0	0	22.8	60.0	55.0	0	0	0	0	137.9
1948	23.4	0	0	0	12.1	0	21.0	45.0	26.5	0	0	0	128.0
1949	23.4	0	0	0	0	0	37.0	46.0	0.3	0	0	0	106.6
1950	22.4	0	0	0	0	0	55.7	99.5	0.0	0	0	0	177.7
1951	25.0	0	0	0	0	0	56.0	56.3	0	0	0	0	137.3
1952	8.0	0	0	0	0	0	0	0	0	0	0	0	8.0
1953	0	0	0	0	0	0	34.0	44.3	0	0	0	0	78.3
1954	22.4	0	0	0	21.0	0	3.0	82.0	0	0	0	0	128.4
1955	21.4	0	0	0	36.3	2.0	31.0	44.0	0.0	0	0	0	134.7
1956	23.4	0	0	0	0	0	75.8	0	0	0	0	0	99.2
1957	0	0	0	0	0	0	69.5	69.0	30.3	0	0	0	168.8
1958	18.0	0	0	0	0	0	0	0	0	0	0	0	18.0
1959	0	0	0	0	0	0	35.0	67.0	0	0	0	0	102.0
1960	24.4	0	0	0	0	0	9.0	14.0	0	0	0	0	47.4
1961	23.4	0	0	0	0	0	17.0	39.0	0	0	0	0	79.4
1962	0	0	0	0	0	0	0	85.0	8.0	0	0	0	93.0
1963	27.0	0	0	0	0	43.8	0	62.0	52.1	0	0	0	184.9
1964	0	0	0	0	21.1	20.0	37.0	39.0	0	0	0	0	117.1
1965	20.0	0	0	0	0	0	14.0	136.6	33.0	0	0	0	203.6
1966	0	0	0	0	0	0	72.0	68.0	0	0	0	0	140.0
1967	15.5	0	0	0	0	0	0	0	0	0	0	0	15.5
1968	0	0	0	0	0	0	47.0	24.0	0	0	0	0	71.0
1969	17.4	0	0	0	0	0	0	0	0	0	0	0	17.4
1970	0	0	0	0	0	0	58.5	8.5	0	0	0	0	67.0
1971	11.0	0	0	0	0	0	39.5	14.0	0.0	0	0	0	64.6
1972	21.4	0	0	0	37.3	28.8	61.5	27.0	0	0	0	0	176.0
1973	27.2	0	0	0	0	0	0	16.0	22.0	0	0	0	65.2
1974	0	0	0	0	0	0	0	31.0	52.0	0	0	0	83.0
1975	0	0	0	0	0	0	0	79.0	0	0	0	0	79.0
1976	0	0	0	0	0	0	8.0	0	0	0	0	0	8.0
1977	0	0	0	0	1.0	0	8.0	6.0	0	0	0	0	15.0
1978	0	0	0	0	0	0	0	0	0	0	0	0	0
1979	0	0	0	0	0	0	2.0	68.0	21.0	0	0	0	91.0
1980	0	0	0	0	0	0	0	0	0	0	0	0	0
1981	0	0	0	0	0	0	51.0	34.0	0	0	0	0	85.0
1982	15.4	0	0	0	0	0	0	0	0	0	0	0	15.4
1983	0	0	0	0	0	0	0	0	0	0	0	0	0
1984	0	0	0	0	0	0	42.0	31.3	0	0	0	0	73.3
1985	12.0	0	0	0	0	0	21.0	54.0	0	0	0	0	87.0
1986	20.0	0	0	0	0	0	0	0	0	0	0	0	20.0
1987	0	0	0	0	0	0	0	26.0	0	0	0	0	26.0
1988	24.4	0	0	0	0	0	14.0	34.0	0	0	0	0	72.4
1989	0	0	0	0	0	0	21.0	23.0	0	0	0	0	44.0
1990	0	0	0	0	0	0	14.0	39.0	0	0	0	0	53.0
1991	0	0	0	0	0	0	0	13.0	0	0	0	0	13.0
1992	0	0	0	0	0	0	0	4.0	0	0	0	0	4.0
1993	0	0	0	0	35.0	34.0	122.2	85.0	0	0	0	0	276.2
1994	0	0	0	0	0	0	3.0	16.0	0	0	0	0	19.0
AVG:	8.8	0	0	0	2.2	3.1	19.6	36.4	5.8	0	0	0	76.0
MIN:	0	0	0	0	0	0	0	0	0	0	0	0	0
MAX:	27.2	0	0	0	37.3	43.8	122.2	136.6	89.4	0	0	0	276.2

Table 2

Alternative 4 - Diversion to Storage Bypassed at Don Pedro for Vernalis and Delta Outflow Objectives, TAF

YEAR	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	TOTAL
1922	0	0	0	0	0	0	0	0	0	0	0	0	0
1923	0	0	0	0	0	0	0	0	95.0	0	0	0	95.0
1924	0	0	0	0	0	0	0	0	0	0	0	0	0
1925	0	0	0	0	0	0	0	0	173.0	0	0	0	173.0
1926	0	0	0	0	0	0	0	9.5	0	0	0	0	9.5
1927	0	0	0	0	0	0	0	0	0	0	0	0	0
1928	0	0	0	0	0	0	0	0	0	0	0	0	0
1929	0	0	0	0	0	0	0	0	76.0	0	0	0	76.0
1930	0	0	0	0	0	0	0	0	129.0	0	0	0	129.0
1931	0	0	0	0	0	0	0	0	0	0	0	0	0
1932	0	0	0	0	0	0	0	0	0	0	0	0	0
1933	0	0	0	0	0	0	0	0	0	0	0	0	0
1934	0	0	0	0	0	0	0	0	0	0	0	0	0
1935	0	0	0	0	0	0	0	0	0	0	0	0	0
1936	0	0	0	0	0	0	0	0	0	0	0	0	0
1937	0	0	0	0	0	0	0	0	0	0	0	0	0
1938	0	0	0	0	0	0	0	0	0	0	0	0	0
1939	0	0	0	0	0	0	0	0	0	0	0	0	0
1940	0	0	0	0	0	0	0	0	142.0	0	0	0	142.0
1941	0	0	0	0	0	0	0	0	0	0	0	0	0
1942	0	0	0	0	0	0	0	0	0	3.0	0	0	3.0
1943	0	0	0	0	0	0	0	0	0	0	0	0	0
1944	0	0	0	0	0	0	0	0	69.0	0	0	0	69.0
1945	0	0	0	0	0	0	0	0	0	0	0	0	0
1946	0	0	0	0	0	0	0	0	59.0	0	0	0	59.0
1947	0	0	0	0	0	0	0	0	0	0	0	0	0
1948	0	0	0	0	0	0	0	0	0	0	0	0	0
1949	0	0	0	0	0	0	0	0	63.0	0	0	0	63.0
1950	0	0	0	0	0	0	0	0	142.0	0	0	0	142.0
1951	0	0	0	0	0	0	0	0	41.0	0	0	0	41.0
1952	0	0	0	0	0	0	0	0	0	0	0	0	0
1953	0	0	0	0	0	0	0	19.0	5.9	0	0	0	24.9
1954	0	0	0	0	0	0	0	0	7.0	0	0	0	7.0
1955	0	0	0	0	0	15.1	0	0	64.0	0	0	0	79.1
1956	0	0	0	0	0	0	0	0	0	0	0	0	0
1957	0	0	0	0	0	0	0	0	0	0	0	0	0
1958	0	0	0	0	0	0	0	0	0	0	0	0	0
1959	0	0	0	0	0	0	0	0	0	0	0	0	0
1960	0	0	0	0	0	0	0	0	32.0	0	0	0	32.0
1961	0	0	0	0	0	0	0	0	0	0	0	0	0
1962	0	0	0	0	0	0	0	0	0	0	0	0	0
1963	0	0	0	0	0	0	0	0	0	0	0	0	0
1964	0	0	0	0	0	1.0	0	0	28.0	0	0	0	29.0
1965	0	0	0	0	0	0	0	0	0	0	0	0	0
1966	0	0	0	0	0	0	0	0	0	0	0	0	0
1967	0	0	0	0	0	0	0	0	0	0	0	0	0
1968	0	0	0	0	0	0	5.7	7.5	0	0	0	0	13.2
1969	0	0	0	0	0	0	0	0	0	0	0	0	0
1970	0	0	0	0	0	0	0	0	89.0	0	0	0	89.0
1971	0	0	0	0	0	0	17.0	0	0	0	0	0	17.0
1972	0	0	0	0	0	0	5.0	0	0	0	0	0	5.0
1973	0	0	0	0	0	0	0	0	156.0	0	0	0	156.0
1974	0	0	0	0	0	0	0	0	0	0	0	0	0
1975	0	0	0	0	0	0	0	0	0	0	0	0	0
1976	0	0	0	0	0	0	0	0	0	0	0	0	0
1977	0	0	0	0	0	0	0	0	0	0	0	0	0
1978	0	0	0	0	0	0	0	0	0	83.0	0	0	83.0
1979	0	0	0	0	0	0	0	0	105.0	0	0	0	105.0
1980	0	0	0	0	0	0	0	0	0	0	0	0	0
1981	0	0	0	0	0	0	0	0	0	0	0	0	0
1982	0	0	0	0	0	0	0	0	0	0	0	0	0
1983	0	0	0	0	0	0	0	0	0	0	0	0	0
1984	0	0	0	0	0	0	0	0	117.0	0	0	0	117.0
1985	0	0	0	0	0	0	0	0	0	0	0	0	0
1986	0	0	0	0	0	0	0	0	0	0	0	0	0
1987	0	0	0	0	0	0	0	0	0	0	0	0	0
1988	0	0	0	0	0	0	0	0	0	0	0	0	0
1989	0	0	0	0	0	0	0	0	66.0	0	0	0	66.0
1990	0	0	0	0	0	0	0	0	0	0	0	0	0
1991	0	0	0	0	0	0	0	0	0	0	0	0	0
1992	0	0	0	0	0	0	0	57.0	0	0	0	0	57.0
1993	0	0	0	0	0	0	0	0	0	0	0	0	0
1994	0	0	0	0	0	0	0	0	0	0	0	0	0
AVG:	0	0	0	0	0	0.2	0.4	1.3	22.7	1.2	0	0	25.8
MIN:	0	0	0	0	0	0	0	0	0	0	0	0	0
MAX:	0	0	0	0	0	15.1	17.0	57.0	173.0	83.0	0	0	173.0

Table 3

Alternative 4 - Diversion to Storage Bypassed at Lake McClure for Vernalis and Delta Outflow Objectives, TAF

YEAR	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	TOTAL
1922	0	0	0	0	0	0	0	0	0	0	0	0	0
1923	0	0	0	0	0	0	0	0	35.0	0	0	0	35.0
1924	0	0	0	0	0	0	9.0	22.0	0	0	0	0	31.0
1925	0	0	0	0	0	0	0	0	27.0	0	0	0	27.0
1926	0	0	0	0	0	0	0	0	0	0	0	0	0
1927	0	0	0	0	0	0	0	0	0	0	0	0	0
1928	0	0	0	0	0	0	0	2.5	0	0	0	0	2.5
1929	0	0	0	0	0	0	0	12.5	0	10.0	15.0	0	37.5
1930	0	0	0	0	0	0	0	0	21.0	14.0	17.0	0	52.0
1931	0	0	0	0	0	0	26.0	26.0	0	0	0	0	52.0
1932	0	0	0	0	0	0	0	0	0	0	0	0	0
1933	0	0	0	0	0	0	0	0	17.5	0	0	0	17.5
1934	0	0	0	0	0	0	0	0	0	0	0	0	0
1935	0	0	0	0	0	0	0	0	0	0	0	0	0
1936	0	0	0	0	0	0	0	0	0	0	0	0	0
1937	0	0	0	0	0	0	0	0	0	0	0	0	0
1938	0	0	0	0	0	0	0	0	0	0	0	0	0
1939	0	0	0	0	0	0	0	0	0	0	0	0	0
1940	8.0	0	0	0	0	0	0	0	36.0	0	0	0	44.0
1941	0	0	0	0	0	0	0	0	0	0	0	0	0
1942	0	0	0	0	0	0	0	0	0	0	0	0	0
1943	0	0	0	0	0	0	0	0	0	0	0	0	0
1944	0	0	0	0	0	0	0	19.5	13.0	0	0	0	32.5
1945	0	0	0	0	0	0	0	0	0	0	0	0	0
1946	0	0	0	0	0	0	0	0	0	0	0	0	0
1947	0	0	0	0	0	0	23.8	5.5	0	0	0	0	29.3
1948	0	0	0	0	0	0	0	12.5	0	0	0	0	12.5
1949	0	0	0	0	0	0	20.8	0	0	0	0	0	20.8
1950	0	0	0	0	0	0	0	0	6.0	0	0	0	6.0
1951	0	0	0	0	0	0	47.0	57.0	0	0	0	0	104.0
1952	0	0	0	0	0	0	0	0	0	0	0	0	0
1953	0	0	0	0	0	0	31.8	2.0	39.0	0	0	0	72.8
1954	0	0	0	0	0	0	0	0	0	0	0	0	0
1955	0	0	0	0	0	8.0	0	0	46.0	0	0	0	54.0
1956	0	0	0	0	0	0	6.8	0	0	0	0	0	6.8
1957	0	0	0	0	0	0	0	15.5	12.5	0	0	0	28.0
1958	0	0	0	0	0	0	0	0	0	0	0	0	0
1959	0	0	0	0	0	0	0	0	0	0	0	0	0
1960	0	0	0	0	0	0	0	0	0	0	0	0	0
1961	0	0	0	0	0	0	0	0	0	0	0	0	0
1962	0	0	0	0	0	0	0	0	0	0	0	0	0
1963	0	0	0	0	0	0	0	0	0	0	0	0	0
1964	0	0	0	0	0	1.0	0	17.5	0	0	0	0	18.5
1965	0	0	0	0	0	0	0	0	0	0	0	0	0
1966	0	0	0	0	0	0	18.8	0	0	0	0	0	18.8
1967	0	0	0	0	0	0	0	0	0	0	0	0	0
1968	0	0	0	0	0	0	23.0	24.0	0	0	0	0	47.0
1969	0	0	0	0	0	0	0	0	0	0	0	0	0
1970	0	0	0	0	0	0	2.0	94.0	4.0	0	0	0	100.0
1971	0	0	0	0	0	0	7.0	63.0	47.5	0	0	0	117.5
1972	0	0	0	0	0	0	15.0	45.5	8.0	0	0	0	68.5
1973	0	0	0	0	0	0	0	0	55.0	0	0	0	55.0
1974	0	0	0	0	0	0	0	0	0	0	0	0	0
1975	0	0	0	0	0	0	0	0	0	0	0	0	0
1976	0	0	0	0	0	0	0	18.0	0	0	0	0	18.0
1977	0	0	0	0	0	0	0	0	0	0	0	0	0
1978	0	0	0	0	0	0	0	0	0	0	0	0	0
1979	0	0	0	0	0	0	0	0	29.0	0	0	0	29.0
1980	0	0	0	0	0	0	0	0	0	0	0	0	0
1981	0	0	0	0	0	0	0	16.5	0	0	0	0	16.5
1982	0	0	0	0	0	0	0	0	0	0	0	0	0
1983	0	0	0	0	0	0	0	0	0	0	0	0	0
1984	0	0	0	0	0	0	40.0	110.5	0	0	0	0	150.5
1985	0	0	0	0	0	0	0	78.0	0	0	0	0	78.0
1986	0	0	0	0	0	0	0	0	0	0	0	0	0
1987	0	0	0	0	0	0	0	15.0	0	0	0	0	15.0
1988	0	0	0	0	0	0	0	0	0	0	0	0	0
1989	0	0	0	0	0	0	0	0	0	0	0	0	0
1990	0	0	0	0	0	0	0	0	0	0	0	0	0
1991	0	0	0	0	0	0	0	0	0	0	0	0	0
1992	0	0	0	0	0	0	0	24.0	0	0	0	0	24.0
1993	0	0	0	0	0	0	23.8	0	0	0	0	0	23.8
1994	0	0	0	0	0	0	0	0	0	0	0	0	0
AVG:	0.1	0	0	0	0	0.1	4.0	9.3	5.4	0.3	0.4	0	19.8
MIN:	0	0	0	0	0	0	0	0	0	0	0	0	0
MAX:	8.0	0	0	0	0	8.0	47.0	110.5	55.0	14.0	17.0	0	150.5

Table 4

Alternative 4 - Diversion to Storage Bypassed at Eastman Lake for Vernalis and Delta Outflow Objectives, TAF

YEAR	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	TOTAL
1922	0	0	0	0	0	0	0	0	0	0	0	0	0
1923	0	0	0	0	0	4.8	0	0	0	0	0	0	4.8
1924	0	0	0	0	0	0	0	0	0	0	0	0	0
1925	0	0	0	0	0	0	0	0	0	0	0	0	0
1926	0	0	0	0	0	0	0	0	0	0	0	0	0
1927	0	0	0	0	0	0	0	0	0	0	0	0	0
1928	0	0	0	0	0	0	0	0	0	0	0	0	0
1929	0	0	0	0	0	0	0	0	0	0	0	0	0
1930	0	0	0	0	0	0	0	0	0	0	0	0	0
1931	0	0	0	0	0	0	0	0	0	0	0	0	0
1932	0	0	0	0	0	0	0	0	0	0	0	0	0
1933	0	0	0	0	0	0	0	0	0	0	0	0	0
1934	0	0	0	0	0	0	0	0	0	0	0	0	0
1935	0	0	0	0	0	0	0	0	0	0	0	0	0
1936	0	0	0	0	0	0	0	0	0	0	0	0	0
1937	0	0	0	0	0	0	0	0	0	0	0	0	0
1938	0	0	0	0	0	0	0	0	0	0	0	0	0
1939	0	0	0	0	0	0	0	0	0	0	0	0	0
1940	0	0	0	0	0	0	0	0	0	0	0	0	0
1941	0	0	0	0	0	0	0	0	0	0	0	0	0
1942	0	0	0	0	0	0	0	0	0	0	0	0	0
1943	0	0	0	0	0	0	0	0	0	0	0	0	0
1944	0	0	0	0	0	0	0	0	0	0	0	0	0
1945	0	0	0	0	0	0	0	0	0	0	0	0	0
1946	0	0	0	0	0	0	0	0	2.0	0	0	0	2.0
1947	0	0	0	0	0	0	0	0	0	0	0	0	0
1948	0	0	0	0	0	0	0	0	0	0	0	0	0
1949	0	0	0	0	0	0	0	0	0	0	0	0	0
1950	0	0	0	0	0	0	0	0	0	0	0	0	0
1951	0	0	0	0	0	0	0	0	0	0	0	0	0
1952	0	0	0	0	0	0	0	0	0	0	0	0	0
1953	0	0	0	0	0	0	0	0	0	0	0	0	0
1954	0	0	0	0	0	0	0	0	0	0	0	0	0
1955	0	0	0	0	0	3.0	0	0	0	0	0	0	3.0
1956	0	0	0	0	0	0	8.0	0	0	0	0	0	8.0
1957	0	0	0	0	0	0	0	0	0	0	0	0	0
1958	0	0	0	0	0	0	0	0	0	0	0	0	0
1959	0	0	0	0	0	0	0	0	0	0	0	0	0
1960	0	0	0	0	0	0	0	0	0	0	0	0	0
1961	0	0	0	0	0	0	0	0	0	0	0	0	0
1962	0	0	0	0	0	0	0	0	0	0	0	0	0
1963	0	0	0	0	0	0	0	0	0	0	0	0	0
1964	0	0	0	0	0	3.0	0	0	0	0	0	0	3.0
1965	0	0	0	0	0	0	0	0	0	0	0	0	0
1966	0	0	0	0	0	0	0	0	0	0	0	0	0
1967	0	0	0	0	0	0	0	0	0	0	0	0	0
1968	0	0	0	0	0	0	0	0	0	0	0	0	0
1969	0	0	0	0	0	0	0	0	0	0	0	0	0
1970	0	0	0	0	0	0	0	0	0	0	0	0	0
1971	0	0	0	0	0	0	0	0	1.0	0	0	0	1.0
1972	0	0	0	0	0	0	0	0	0	0	0	0	0
1973	0	0	0	0	0	0	0	0	0	0	0	0	0
1974	0	0	0	0	0	0	0	0	0	0	0	0	0
1975	0	0	0	0	0	0	0	0	0	0	0	0	0
1976	0	0	0	0	0	0	0	0	0	0	0	0	0
1977	0	0	0	0	0	0	0	0	0	0	0	0	0
1978	0	0	0	0	0	0	0	0	0	0	0	0	0
1979	0	0	0	0	0	0	0	0	0	0	0	0	0
1980	0	0	0	0	0	0	0	0	0	0	0	0	0
1981	0	0	0	0	0	0	0	0	0	0	0	0	0
1982	0	0	0	0	0	0	0	0	0	0	0	0	0
1983	0	0	0	0	0	0	0	0	0	0	0	0	0
1984	0	0	0	0	0	0	0	0	0	0	0	0	0
1985	0	0	0	0	0	0	0	0	0	0	0	0	0
1986	0	0	0	0	0	0	0	0	0	0	0	0	0
1987	0	0	0	0	0	0	0	0	0	0	0	0	0
1988	0	0	0	0	0	0	0	0	0	0	0	0	0
1989	0	0	0	0	0	0	0	0	0	0	0	0	0
1990	0	0	0	0	0	0	0	0	0	0	0	0	0
1991	0	0	0	0	0	0	0	0	0	0	0	0	0
1992	0	0	0	0	0	0	0	0	0	1.0	0	0	1.0
1993	0	0	0	0	0	0	9.0	0	0	0	0	0	9.0
1994	0	0	0	0	0	0	0	0	1.0	0	0	0	1.0
AVG:	0	0	0	0	0	0.1	0.2	0	0.1	0.0	0	0	0.4
MIN:	0	0	0	0	0	0	0	0	0	0	0	0	0
MAX:	0	0	0	0	0	4.8	9.0	0	2.0	1.0	0	0	9.0

Table 5

Alternative 4 - Diversion to Storage Bypassed at Hensley Lake for Vernalis and Delta Outflow Objectives, TAF

YEAR	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	TOTAL
1922	0	0	0	0	0	0	6.7	0	0	0	0	0	6.7
1923	0	0	0	0	0	5.0	0	0	0	0	0	0	5.0
1924	0	0	0	0	0	0	8.0	0	0	0	0	0	8.0
1925	0	0	0	0	0	0	0	0	0	0	0	0	0
1926	0	0	0	0	0	0	0	5.0	0	0	0	0	5.0
1927	0	0	0	0	0	0	0	0	0	0	0	0	0
1928	0	0	0	0	0	0	0	0	0	0	0	0	0
1929	0	0	0	0	0	0	0	6.0	1.0	0	0	0	7.0
1930	0	0	0	0	0	0	0	0	0	0	0	0	0
1931	0	0	0	0	0	0	0	0	0	0	0	0	0
1932	0	0	0	0	0	0	0	0	0	0	0	0	0
1933	0	0	0	0	0	0	0	0	4.0	0	0	0	4.0
1934	0	0	0	0	0	0	0	0	0	0	0	0	0
1935	0	0	0	0	0	0	0	0	0	0	0	0	0
1936	0	0	0	0	0	0	0	0	0	0	0	0	0
1937	0	0	0	0	0	0	0	0	0	0	0	0	0
1938	0	0	0	0	0	0	0	0	0	0	2.0	0	2.0
1939	0	0	0	0	0	0	0	0	0	0	0	0	0
1940	0	0	0	0	0	0	0	0	0	0	0	0	0
1941	0	0	0	0	0	0	0	0	0	0	0	0	0
1942	0	0	0	0	0	0	0	0	0	0	0	0	0
1943	0	0	0	0	0	0	0	0	0	0	0	0	0
1944	0	0	0	0	0	0	0	0	0	0	0	0	0
1945	0	0	0	0	0	0	0	0	0	0	0	0	0
1946	0	0	0	0	0	0	0	0	0	0	0	0	0
1947	0	0	0	0	0	0	0	0	0	0	0	0	0
1948	0	0	0	0	0	0	0	0	0	1.0	0	0	1.0
1949	0	0	0	0	0	0	0	0	0	0	0	0	0
1950	0	0	0	0	0	0	0	0	0	0	0	0	0
1951	0	0	0	0	0	0	0	0	0	0	0	0	0
1952	0	0	0	0	0	0	0	0	0	0	0	0	0
1953	0	0	0	0	0	0	0	0	0	1.0	0	0	1.0
1954	0	0	0	0	0	0	0	0	0	0	0	0	0
1955	0	0	0	0	0	4.0	0	0	6.0	0	0	0	10.0
1956	0	0	0	0	0	0	3.0	0	0	0	0	0	3.0
1957	0	0	0	0	0	0	0	0	0	0	0	0	0
1958	0	0	0	0	0	0	0	0	0	0	0	0	0
1959	0	0	0	0	0	0	0	0	0	0	0	0	0
1960	0	0	0	0	0	0	0	0	0	0	0	0	0
1961	0	0	0	0	0	0	0	0	0	0	0	0	0
1962	0	0	0	0	0	0	0	0	0	0	0	0	0
1963	0	0	0	0	0	0	0	0	0	0	0	0	0
1964	0	0	0	0	0	0	0	0	4.0	0	0	0	4.0
1965	0	0	0	0	0	0	0	0	0	0	0	0	0
1966	0	0	0	0	0	0	0	0	0	0	0	0	0
1967	0	0	0	0	0	0	0	0	0	0	1.0	0	1.0
1968	0	0	0	0	0	0	0	0	0	0	0	0	0
1969	0	0	0	0	0	0	0	0	0	0	1.0	0	1.0
1970	0	0	0	0	0	0	0	0	0	0	0	0	0
1971	0	0	0	0	0	0	0	0	1.0	0	0	0	1.0
1972	0	0	0	0	0	0	0	0	0	0	0	0	0
1973	0	0	0	0	0	0	0	0	0	0	0	0	0
1974	0	0	0	0	0	0	0	0	0	0	0	0	0
1975	0	0	0	0	0	0	0	0	0	0	0	0	0
1976	0	0	0	0	0	0	0	4.0	0	0	0	0	4.0
1977	0	0	0	0	0	1.0	2.0	0	0	0	0	0	3.0
1978	0	0	0	0	0	0	0	0	0	0	0	0	0
1979	0	0	0	0	0	0	0	0	0	0	0	0	0
1980	0	0	0	0	0	0	0	0	0	0	0	0	0
1981	0	0	0	0	0	0	0	1.0	0	0	0	0	1.0
1982	0	0	0	0	0	0	0	0	0	0	0	0	0
1983	0	0	0	0	0	0	0	0	0	0	0	0	0
1984	0	0	0	0	0	0	0	0	0	0	0	0	0
1985	0	0	0	0	0	0	0	1.0	0	0	0	0	1.0
1986	0	0	0	0	0	0	0	0	0	0	0	0	0
1987	0	0	0	0	0	0	0	1.0	0	0	0	0	1.0
1988	0	0	0	0	0	0	0	0	0	0	0	0	0
1989	0	0	0	0	0	0	0	0	0	0	0	0	0
1990	0	0	0	0	0	0	0	0	0	0	0	0	0
1991	0	0	0	0	0	0	0	0	0	0	0	0	0
1992	0	0	0	0	0	0	0	2.0	0	0	0	0	2.0
1993	0	0	0	0	0	0	9.0	0	0	0	0	0	9.0
1994	0	0	0	0	0	0	0	0	0	0	0	0	0
AVG:	0	0	0	0	0	0.1	0.4	0.3	0.2	0.0	0.1	0	1.1
MIN:	0	0	0	0	0	0	0	0	0	0	0	0	0
MAX:	0	0	0	0	0	5.0	9.0	6.0	6.0	1.0	2.0	0	10.0

Table 6

Alternative 4 - Diversion to Storage Bypassed at Bowman Lake for Delta Outflow Objective, TAF

YEAR	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	TOTAL
1922.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1923.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1924.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1925.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1926.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1927.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1928.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1929.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1930.0	0	0	0	0	0	0	0	0	6.0	0	0	0	6.0
1931.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1932.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1933.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1934.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1935.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1936.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1937.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1938.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1939.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1940.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1941.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1942.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1943.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1944.0	0	0	0	0	0	0	0	0	9.0	0	0	0	9.0
1945.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1946.0	0	0	0	0	0	0	0	0	7.0	0	0	0	7.0
1947.0	0	0	0	0	0	0	0	0	2.0	0	0	0	2.0
1948.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1949.0	0	0	0	0	0	0	0	0	5.0	0	0	0	5.0
1950.0	0	0	0	0	0	0	0	0	0	3.0	0	0	3.0
1951.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1952.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1953.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1954.0	0	0	0	0	0	0	0	0	3.0	0	0	0	3.0
1955.0	0	0	0	0	0	0	0	0	19.0	0	0	0	19.0
1956.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1957.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1958.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1959.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1960.0	0	0	0	0	0	0	0	0	2.0	0	0	0	2.0
1961.0	0	0	0	0	0	0	0	0	2.0	0	0	0	2.0
1962.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1963.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1964.0	0	0	0	0	0	0	0	0	7.0	0	0	0	7.0
1965.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1966.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1967.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1968.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1969.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1970.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1971.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1972.0	0	0	0	0	0	0	0	0	5.0	0	0	0	5.0
1973.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1974.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1975.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1976.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1977.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1978.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1979.0	0	0	0	0	0	0	0	0	4.0	0	0	0	4.0
1980.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1981.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1982.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1983.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1984.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1985.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1986.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1987.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1988.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1989.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1990.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1991.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1992.0	0	0	0	0	0	0	0	0	0	0	0	0	0
AVG	0	0	0	0	0	0	0	0	1.0	0.0	0	0	1.0
MIN	0	0	0	0	0	0	0	0	0	0	0	0	0
MAX	0	0	0	0	0	0	0	0	19.0	3.0	0	0	19.0

Table 7

Alternative 4 - Diversion to Storage Bypassed at Jackson Meadows Reservoir for Delta Outflow Objective, TAF

YEAR	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	TOTAL
1922.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1923.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1924.0	0	0	0	0	0	0	4.0	1.0	0	0	0	0	5.0
1925.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1926.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1927.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1928.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1929.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1930.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1931.0	0	0	0	0	0	0	7.0	3.0	0	0	0	0	10.0
1932.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1933.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1934.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1935.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1936.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1937.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1938.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1939.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1940.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1941.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1942.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1943.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1944.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1945.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1946.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1947.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1948.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1949.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1950.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1951.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1952.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1953.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1954.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1955.0	0	0	0	0	0	0	0	0	3.0	0	0	0	3.0
1956.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1957.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1958.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1959.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1960.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1961.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1962.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1963.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1964.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1965.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1966.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1967.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1968.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1969.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1970.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1971.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1972.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1973.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1974.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1975.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1976.0	0	0	0	0	0	0	0	5.0	0	0	0	0	5.0
1977.0	0	0	0	0	0	0	1.0	1.0	0	0	0	0	2.0
1978.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1979.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1980.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1981.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1982.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1983.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1984.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1985.0	0	0	0	0	0	0	0	8.0	0	0	0	0	8.0
1986.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1987.0	0	0	0	0	0	0	0	2.0	0	0	0	0	2.0
1988.0	0	0	0	0	0	0	0	0	5.0	1.0	0	0	6.0
1989.0	0	0	0	0	0	0	0	0	3.0	0	1.0	0	4.0
1990.0	0	0	0	0	0	0	0	0	0	3.0	5.0	0	8.0
1991.0	0	0	0	0	0	0	0	0	0	0	3.0	0	3.0
1992.0	0	0	0	0	0	0	0	4.0	3.0	0	0	0	7.0
AVG	0	0	0	0	0	0	0.2	0.3	0.2	0.1	0.1	0	0.9
MIN	0	0	0	0	0	0	0	0	0	0	0	0	0
MAX	0	0	0	0	0	0	7.0	8.0	5.0	3.0	5.0	0	10.0

Table 8

Alternative 4 - Diversion to Storage Bypassed at Bullards Bar for Delta Outflow Objective, TAF

YEAR	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	TOTAL
1922.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1923.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1924.0	0	0	0	0	0	0	27.0	0	0	0	0	0	27.0
1925.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1926.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1927.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1928.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1929.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1930.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1931.0	0	0	0	0	0	0	25.0	0	0	0	0	0	25.0
1932.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1933.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1934.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1935.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1936.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1937.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1938.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1939.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1940.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1941.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1942.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1943.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1944.0	0	0	0	0	0	0	0	0	5.0	0	0	0	5.0
1945.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1946.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1947.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1948.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1949.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1950.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1951.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1952.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1953.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1954.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1955.0	0	0	0	0	0	0	0	0	6.0	0	0	0	6.0
1956.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1957.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1958.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1959.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1960.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1961.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1962.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1963.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1964.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1965.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1966.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1967.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1968.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1969.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1970.0	0	0	0	0	0	0	0	0	1.0	0	0	0	1.0
1971.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1972.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1973.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1974.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1975.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1976.0	0	0	0	0	0	0	0	2.0	0	0	0	0	2.0
1977.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1978.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1979.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1980.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1981.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1982.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1983.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1984.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1985.0	0	0	0	0	0	0	0	36.0	0	0	0	0	36.0
1986.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1987.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1988.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1989.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1990.0	0	0	0	0	0	0	0	0	24.0	0	0	0	24.0
1991.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1992.0	0	0	0	0	0	0	0	0	0	0	0	0	0
AVG:	0	0	0	0	0	0	0.7	0.5	0.5	0	0	0	1.8
MIN:	0	0	0	0	0	0	0	0	0	0	0	0	0
MAX:	0	0	0	0	0	0	27.0	36.0	24.0	0	0	0	36.0

Table 9

Alternative 4 - Diversion to Storage Bypassed at Fordyce Lake for Delta Outflow Objective, TAF

YEAR	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	TOTAL
1922.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1923.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1924.0	0	0	0	0	0	0	0	1.0	0	0	0	0	1.0
1925.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1926.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1927.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1928.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1929.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1930.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1931.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1932.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1933.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1934.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1935.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1936.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1937.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1938.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1939.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1940.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1941.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1942.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1943.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1944.0	0	0	0	0	0	0	0	0	9.0	0	0	0	9.0
1945.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1946.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1947.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1948.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1949.0	0	0	0	0	0	0	0	0	4.0	0	0	0	4.0
1950.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1951.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1952.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1953.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1954.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1955.0	0	0	0	0	0	0	0	0	10.0	0	0	0	10.0
1956.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1957.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1958.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1959.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1960.0	0	0	0	0	0	0	0	0	3.0	0	0	0	3.0
1961.0	0	0	0	0	0	0	0	0	2.0	0	0	0	2.0
1962.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1963.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1964.0	0	0	0	0	0	0	0	0	8.0	0	0	0	8.0
1965.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1966.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1967.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1968.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1969.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1970.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1971.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1972.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1973.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1974.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1975.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1976.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1977.0	0	0	0	0	0	0	3.0	0	0	0	0	0	3.0
1978.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1979.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1980.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1981.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1982.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1983.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1984.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1985.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1986.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1987.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1988.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1989.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1990.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1991.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1992.0	0	0	0	0	0	0	0	0	0	0	0	0	0
AVG	0	0	0	0	0	0	0.0	0.0	0.5	0	0	0	0.6
MIN	0	0	0	0	0	0	0	0	0	0	0	0	0
MAX	0	0	0	0	0	0	3.0	1.0	10.0	0	0	0	10.0

Table 10

Alternative 4 - Water to be Subtracted from Diversion at CP #16, TAF

YEAR	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	TOTAL
1922.0	0	0	0	0	0	0	0	0	0	0.4	0.4	0	0.9
1923.0	0	0	0	0	0	0	0	0	0.4	0.4	0.4	0	1.3
1924.0	0	0	0	0	0	0	0	0.4	0.4	0.4	0.4	0	1.7
1925.0	0.1	0	0	0	0	0	0	0	0.4	0.4	0.4	0	1.4
1926.0	0.1	0	0	0	0	0	0	0	0.4	0.4	0.4	0	1.4
1927.0	0	0	0	0	0	0	0	0	0	0.4	0.4	0	0.9
1928.0	0	0	0	0	0	0	0	0	0.4	0.4	0.4	0	1.3
1929.0	0.1	0	0	0	0	0	0	0	0.4	0.4	0.4	0	1.4
1930.0	0.1	0	0	0	0	0	0	0	0.4	0.4	0.4	0	1.4
1931.0	0	0	0	0	0	0	0	0.4	0.4	0.4	0.4	0	1.7
1932.0	0	0	0	0	0	0	0	0	0	0.4	0.4	0	0.9
1933.0	0	0	0	0	0	0	0	0	0	0.4	0.4	0	0.9
1934.0	0.1	0	0	0	0	0	0	0.4	0.4	0.4	0.4	0	1.8
1935.0	0.1	0	0	0	0	0	0	0	0	0.4	0.4	0	0.9
1936.0	0	0	0	0	0	0	0	0	0	0.4	0.4	0	0.9
1937.0	0	0	0	0	0	0	0	0	0	0.4	0.4	0	0.9
1938.0	0	0	0	0	0	0	0	0	0	0	0.4	0	0.4
1939.0	0	0	0	0	0	0	0	0	0.4	0.4	0.4	0	1.3
1940.0	0.1	0	0	0	0	0	0	0	0.4	0.4	0.4	0	1.4
1941.0	0	0	0	0	0	0	0	0	0	0.4	0.4	0	0.9
1942.0	0	0	0	0	0	0	0	0	0	0.4	0.4	0	0.9
1943.0	0	0	0	0	0	0	0	0	0	0.4	0.4	0	0.9
1944.0	0	0	0	0	0	0	0	0	0.4	0.4	0.4	0	1.3
1945.0	0	0	0	0	0	0	0	0	0	0.4	0.4	0	0.9
1946.0	0	0	0	0	0	0	0	0	0.4	0.4	0.4	0	1.3
1947.0	0	0	0	0	0	0	0	0	0.4	0.4	0.4	0	1.3
1948.0	0.1	0	0	0	0	0	0	0	0	0.4	0.4	0	0.9
1949.0	0.1	0	0	0	0	0	0	0	0.4	0.4	0.4	0	1.4
1950.0	0.1	0	0	0	0	0	0	0	0	0.4	0.4	0	0.9
1951.0	0	0	0	0	0	0	0	0.4	0.4	0.4	0.4	0	1.7
1952.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1953.0	0	0	0	0	0	0	0	0.4	0	0.4	0	0	0.8
1954.0	0.1	0	0	0	0	0	0	0	0.4	0.4	0.4	0	1.4
1955.0	0.2	0	0	0	0	0	0	0	0.4	0.4	0.4	0	1.4
1956.0	0.1	0	0	0	0	0	0	0	0	0	0	0	0.1
1957.0	0	0	0	0	0	0	0	0	0	0.4	0.4	0	0.9
1958.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1959.0	0	0	0	0	0	0	0	0	0.4	0.4	0.4	0	1.3
1960.0	0.1	0	0	0	0	0	0	0	0.4	0.4	0.4	0	1.4
1961.0	0.1	0	0	0	0	0	0	0	0.4	0.4	0.4	0	1.4
1962.0	0	0	0	0	0	0	0	0	0	0.4	0.4	0	0.9
1963.0	0	0	0	0	0	0	0	0	0	0.4	0.4	0	0.9
1964.0	0	0	0	0	0	0	0	0	0.4	0.4	0.4	0	1.3
1965.0	0.1	0	0	0	0	0	0	0	0	0.4	0	0	0.5
1966.0	0	0	0	0	0	0	0	0	0.4	0.4	0.4	0	1.3
1967.0	0.1	0	0	0	0	0	0	0	0	0	0	0	0.1
1968.0	0	0	0	0	0	0	0	0	0.4	0.4	0	0	0.9
1969.0	0.1	0	0	0	0	0	0	0	0	0	0	0	0.1
1970.0	0	0	0	0	0	0	0	0.4	0.4	0.4	0.4	0	1.7
1971.0	0	0	0	0	0	0	0	0.4	0	0.4	0	0	0.8
1972.0	0.1	0	0	0	0	0	0	0	0.4	0.4	0.4	0	1.4
1973.0	0	0	0	0	0	0	0	0	0.4	0.4	0.4	0	1.3
1974.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1975.0	0	0	0	0	0	0	0	0	0	0.4	0	0	0.4
1976.0	0	0	0	0	0	0	0	0.4	0.4	0.4	0	0	1.3
1977.0	0	0	0	0	0	0	0	0.4	0.4	0.4	0.4	0	1.7
1978.0	0.1	0	0	0	0	0	0	0	0	0.4	0.4	0	0.9
1979.0	0	0	0	0	0	0	0	0	0.4	0.4	0.4	0	1.3
1980.0	0	0	0	0	0	0	0	0	0	0.4	0.4	0	0.9
1981.0	0	0	0	0	0	0	0	0	0.4	0.4	0.4	0	1.3
1982.0	0.1	0	0	0	0	0	0	0	0	0	0	0	0.1
1983.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1984.0	0	0	0	0	0	0	0	0	0.4	0.4	0	0	0.9
1985.0	0	0	0	0	0	0	0	0.4	0.4	0.4	0.4	0	1.7
1986.0	0	0	0	0	0	0	0	0	0	0.4	0.4	0	0.9
1987.0	0	0	0	0	0	0	0	0.4	0.4	0.4	0.4	0	1.7
1988.0	0.1	0	0	0	0	0	0	0	0.4	0.4	0.4	0	1.4
1989.0	0	0	0	0	0	0	0	0	0.4	0.4	0.4	0	1.3
1990.0	0	0	0	0	0	0	0	0	0.4	0.4	0.4	0	1.3
1991.0	0	0	0	0	0	0	0	0	0	0.4	0.4	0	0.9
1992.0	0	0	0	0	0	0	0	0.4	0.4	0.4	0.4	0	1.7
1993.0	0	0	0	0	0	0	0	0	0	0.4	0	0	0.4
1994.0	0	0	0	0	0	0	0	0	0.4	0.4	0.4	0	1.3
AVG:	0.0	0	0	0	0	0	0	0.1	0.2	0.4	0.3	0	1.0
MIN:	0	0	0	0	0	0	0	0	0	0	0	0	0
MAX:	0.2	0	0	0	0	0	0	0.4	0.4	0.4	0.4	0	1.8

Table 11

Alternative 4 - Water to be Subtracted from Diversion at CP #634, TAF

YEAR	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	TOTAL
1922.0	0	0	0	0	0	0	0	0	0	6.9	0.8	0	7.7
1923.0	0	0	0	0	0	0	0	0	6.9	6.9	0.8	0	14.6
1924.0	0	0	0	0	0	0	6.7	6.9	6.9	6.9	0.8	0	28.2
1925.0	0.2	0	0	0	0	0	0	0	6.9	6.9	0.8	0	14.8
1926.0	0.2	0	0	0	0	0	0	0	6.9	6.9	0.8	0	14.8
1927.0	0	0	0	0	0	0	0	0	0	6.9	0.8	0	7.7
1928.0	0	0	0	0	0	0	0	0	6.9	6.9	0.8	0	14.6
1929.0	0.2	0	0	0	0	0	0	0	6.9	6.9	0.8	0	14.8
1930.0	0.2	0	0	0	0	0	0	0	6.9	6.9	0.8	0	14.8
1931.0	0	0	0	0	0	0	6.7	6.9	6.9	6.9	0.8	0	28.2
1932.0	0	0	0	0	0	0	0	0	0	6.9	0.8	0	7.7
1933.0	0	0	0	0	0	0	0	0	0	6.9	0.8	0	7.7
1934.0	0.2	0	0	0	0	0	0	6.9	6.9	6.9	0.8	0	21.7
1935.0	0.2	0	0	0	0	0	0	0	0	6.9	0.8	0	7.8
1936.0	0	0	0	0	0	0	0	0	0	6.9	0.8	0	7.7
1937.0	0	0	0	0	0	0	0	0	0	6.9	0.8	0	7.7
1938.0	0	0	0	0	0	0	0	0	0	0	0.8	0	0.8
1939.0	0	0	0	0	0	0	0	0	6.9	6.9	0.8	0	14.6
1940.0	0.2	0	0	0	0	0	0	0	6.9	6.9	0.8	0	14.8
1941.0	0	0	0	0	0	0	0	0	0	6.9	0.8	0	7.7
1942.0	0	0	0	0	0	0	0	0	0	6.9	0.8	0	7.7
1943.0	0	0	0	0	0	0	0	0	0	6.9	0.8	0	7.7
1944.0	0	0	0	0	0	0	0	0	6.9	6.9	0.8	0	14.6
1945.0	0	0	0	0	0	0	0	0	0	6.9	0.8	0	7.7
1946.0	0	0	0	0	0	0	0	0	6.9	6.9	0.8	0	14.6
1947.0	0	0	0	0	0	0	0	0	6.9	6.9	0.8	0	14.6
1948.0	0.2	0	0	0	0	0	0	0	0	6.9	0.8	0	7.8
1949.0	0.2	0	0	0	0	0	0	0	6.9	6.9	0.8	0	14.8
1950.0	0.2	0	0	0	0	0	0	0	0	6.9	0.8	0	7.8
1951.0	0	0	0	0	0	0	6.1	6.9	6.9	6.9	0.8	0	27.7
1952.0	0	0	0	0	0	0	0	0	0	0	0.8	0	0.8
1953.0	0	0	0	0	0	0	0	6.9	0	6.9	0.8	0	14.6
1954.0	0.2	0	0	0	0	0	0	0	6.9	6.9	0.8	0	14.8
1955.0	1.1	0	0	0	0	0	0	0	6.9	6.9	0.8	0	15.7
1956.0	0.2	0	0	0	0	0	0	0	0	6.9	0.8	0	7.8
1957.0	0	0	0	0	0	0	6.1	0	0	6.9	0.8	0	13.8
1958.0	0	0	0	0	0	0	0	0	0	0	0.8	0	0.8
1959.0	0	0	0	0	0	0	0	0	6.9	6.9	0.8	0	14.6
1960.0	0.2	0	0	0	0	0	0	0	6.9	6.9	0.8	0	14.8
1961.0	0.2	0	0	0	0	0	0	0	6.9	6.9	0.8	0	14.8
1962.0	0	0	0	0	0	0	0	0	0	6.9	0.8	0	7.7
1963.0	0	0	0	0	0	0	0	0	0	6.9	0.8	0	7.7
1964.0	0	0	0	0	0	6.4	0	0	6.9	6.9	0.8	0	21.0
1965.0	0.2	0	0	0	0	0	0	0	0	6.9	0.8	0	7.8
1966.0	0	0	0	0	0	0	0	0	6.9	6.9	0.8	0	14.6
1967.0	0.2	0	0	0	0	0	0	0	0	0	0.8	0	0.9
1968.0	0	0	0	0	0	0	0	0	6.9	6.9	0.8	0	14.6
1969.0	0.2	0	0	0	0	0	0	0	0	0	0.8	0	0.9
1970.0	0	0	0	0	0	0	6.7	6.9	6.9	6.9	0.8	0	28.2
1971.0	0	0	0	0	0	0	6.7	6.9	0	6.9	0.8	0	21.3
1972.0	0.2	0	0	0	0	0	6.7	0	6.9	6.9	0.8	0	21.4
1973.0	0	0	0	0	0	0	0	0	6.9	6.9	0.8	0	14.6
1974.0	0	0	0	0	0	0	0	0	0	6.9	0.8	0	7.7
1975.0	0	0	0	0	0	0	0	0	0	6.9	0.8	0	7.7
1976.0	0	0	0	0	0	0	0	6.9	6.9	6.9	0.8	0	21.5
1977.0	0	0	0	0	0	6.4	6.7	6.9	6.9	6.9	0.8	0	34.6
1978.0	0.2	0	0	0	0	0	0	0	0	6.9	0.8	0	7.8
1979.0	0	0	0	0	0	0	0	0	6.9	6.9	0.8	0	14.6
1980.0	0	0	0	0	0	0	0	0	0	6.9	0.8	0	7.7
1981.0	0	0	0	0	0	0	0	0	6.9	6.9	0.8	0	14.6
1982.0	0.2	0	0	0	0	0	0	0	0	0	2.2	0	2.3
1983.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1984.0	0	0	0	0	0	0	6.7	0	6.9	6.9	0.8	0	21.3
1985.0	0	0	0	0	0	0	0	6.9	6.9	6.9	0.8	0	21.5
1986.0	0	0	0	0	0	0	0	0	0	6.9	0.8	0	7.7
1987.0	0	0	0	0	0	0	0	6.9	6.9	6.9	0.8	0	21.5
1988.0	0.2	0	0	0	0	0	0	0	6.9	6.9	0.8	0	14.8
1989.0	0	0	0	0	0	0	0	0	6.9	6.9	0.8	0	14.6
1990.0	0	0	0	0	0	0	0	0	6.9	6.9	0.8	0	14.6
1991.0	0	0	0	0	0	0	0	0	0	6.9	0.8	0	7.7
1992.0	0	0	0	0	0	0	0	6.9	6.9	6.9	0.8	0	21.5
1993.0	0	0	0	0	0	0	0	0	0	6.9	0.8	0	7.7
1994.0	0	0	0	0	0	0	0	0	6.9	6.9	0.8	0	14.6
AVG:	0.1	0	0	0	0	0.2	0.8	1.1	3.7	6.2	0.8	0	12.9
MIN:	0	0	0	0	0	0	0	0	0	0	0	0	0
MAX:	1.1	0	0	0	0	6.4	6.7	6.9	6.9	6.9	2.2	0	34.6

Table 12

Alternative 4 - Water to be Subtracted from Diversion at CP #649, TAF

YEAR	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	TOTAL
1922.0	0	0	0	0	0	0	0	0	0	8.6	7.2	0	15.7
1923.0	0	0	0	0	0	0	0	0	5.9	8.6	7.2	0	21.6
1924.0	0	0	0	0	0	0	3.7	6.2	8.2	8.6	7.2	0	33.8
1925.0	1.1	0	0	0	0	0	0	0	3.0	8.6	7.2	0	19.8
1926.0	1.1	0	0	0	0	0	0	2.0	8.2	8.6	7.2	0	26.9
1927.0	0	0	0	0	0	0	0	0	0	8.6	7.2	0	15.7
1928.0	0	0	0	0	0	0	0	1.0	8.2	8.6	7.2	0	24.9
1929.0	1.1	0	0	0	0	0	0	1.0	5.9	8.6	7.2	0	23.7
1930.0	1.1	0	0	0	0	0	0	0	8.2	8.6	7.2	0	24.9
1931.0	0	0	0	0	0	0	2.6	4.5	8.2	8.6	7.2	0	31.0
1932.0	0	0	0	0	0	0	0	0	0	8.6	7.2	0	15.7
1933.0	0	0	0	0	0	0	0	0	1.0	8.6	7.2	0	16.8
1934.0	1.1	0	0	0	0	0	0	2.4	8.2	8.6	7.2	0	27.3
1935.0	1.1	0	0	0	0	0	0	0	0	8.6	7.2	0	16.8
1936.0	0	0	0	0	0	0	0	0	0	8.6	7.2	0	15.7
1937.0	0	0	0	0	0	0	0	0	0	8.6	7.2	0	15.7
1938.0	0	0	0	0	0	0	0	0	0	0	5.2	0	5.2
1939.0	0	0	0	0	0	0	0	0	8.2	8.6	7.2	0	23.9
1940.0	1.1	0	0	0	0	0	0	0	5.9	8.6	7.2	0	22.7
1941.0	0	0	0	0	0	0	0	0	0	6.2	5.9	0	12.1
1942.0	0	0	0	0	0	0	0	0	0	6.2	5.9	0	12.1
1943.0	0	0	0	0	0	0	0	0	1.0	8.6	7.2	0	16.8
1944.0	0	0	0	0	0	0	0	1.0	8.2	8.6	7.2	0	24.9
1945.0	0	0	0	0	0	0	0	0	0	8.6	7.2	0	15.7
1946.0	0	0	0	0	0	0	0	0	8.2	8.6	7.2	0	23.9
1947.0	0	0	0	0	0	0	0.9	1.0	8.2	8.6	7.2	0	25.7
1948.0	1.1	0	0	0	0	0	0	1.0	0	8.6	7.2	0	17.8
1949.0	1.1	0	0	0	0	0	0.9	0	8.2	8.6	7.2	0	25.8
1950.0	1.1	0	0	0	0	0	0	0	2.4	8.6	7.2	0	19.2
1951.0	0	0	0	0	0	0	1.4	6.2	8.2	8.6	5.9	0	30.2
1952.0	0	0	0	0	0	0	0	0	0	0	2.7	0	2.7
1953.0	0	0	0	0	0	0	0.9	6.2	2.4	7.1	2.7	0	19.2
1954.0	0.8	0	0	0	0	0	0	0	8.2	8.6	5.9	0	23.5
1955.0	0.7	0	0	0	0	0.4	0	0	8.2	8.6	7.2	0	24.9
1956.0	1.1	0	0	0	0	0	0.9	0	0	3.1	2.7	0	7.7
1957.0	0	0	0	0	0	0	1.4	1.0	1.0	8.6	7.2	0	19.1
1958.0	0	0	0	0	0	0	0	0	0	0	2.7	0	2.7
1959.0	0	0	0	0	0	0	0	0	8.2	8.6	7.2	0	23.9
1960.0	1.1	0	0	0	0	0	0	0	8.2	8.6	7.2	0	24.9
1961.0	1.1	0	0	0	0	0	0	0	8.2	8.6	7.2	0	24.9
1962.0	0	0	0	0	0	0	0	0	0	8.6	7.2	0	15.7
1963.0	0	0	0	0	0	0	0	0	0	8.6	5.2	0	13.7
1964.0	0	0	0	0	0	2.1	0	1.0	8.2	8.6	7.2	0	26.9
1965.0	1.1	0	0	0	0	0	0	0	0	8.6	2.7	0	12.3
1966.0	0	0	0	0	0	0	0.9	0	8.2	8.6	7.2	0	24.7
1967.0	1.1	0	0	0	0	0	0	0	0	0	2.7	0	3.8
1968.0	0	0	0	0	0	0	1.4	2.0	8.2	8.6	2.7	0	22.7
1969.0	1.1	0	0	0	0	0	0	0	0	0	2.7	0	3.8
1970.0	0	0	0	0	0	0	4.6	5.2	8.1	8.6	5.2	0	31.6
1971.0	0	0	0	0	0	0	4.6	5.2	1.0	6.2	2.7	0	19.6
1972.0	1.1	0	0	0	0	0	4.6	1.0	8.2	8.6	7.2	0	30.5
1973.0	0	0	0	0	0	0	0	0	3.0	8.6	5.9	0	17.5
1974.0	0	0	0	0	0	0	0	0	0	3.1	2.7	0	5.8
1975.0	0	0	0	0	0	0	0	0	0	6.2	2.7	0	8.9
1976.0	0	0	0	0	0	0	0	5.2	8.2	8.6	2.7	0	24.5
1977.0	0	0	0	0	0.6	3.1	4.6	6.2	8.2	8.6	5.2	0	36.3
1978.0	0.5	0	0	0	0	0	0	0	0	7.1	7.2	0	14.7
1979.0	0	0	0	0	0	0	0	0	8.2	8.6	5.2	0	21.9
1980.0	0	0	0	0	0	0	0	0	0	6.2	5.2	0	11.4
1981.0	0	0	0	0	0	0	0	1.0	8.2	8.6	7.2	0	24.9
1982.0	1.1	0	0	0	0	0	0	0	0	0	0	0	1.1
1983.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1984.0	0	0	0	0	0	0	4.0	1.0	3.0	8.6	2.7	0	19.3
1985.0	0	0	0	0	0	0	0	2.4	8.2	8.6	7.2	0	26.3
1986.0	0	0	0	0	0	0	0	0	0	8.6	7.2	0	15.7
1987.0	0	0	0	0	0	0	0	4.5	8.2	8.6	7.2	0	28.4
1988.0	1.1	0	0	0	0	0	0	0	8.2	8.6	7.2	0	24.9
1989.0	0	0	0	0	0	0	0	0	8.2	8.6	7.2	0	23.9
1990.0	0	0	0	0	0	0	0	0	8.2	8.6	7.2	0	23.9
1991.0	0	0	0	0	0.6	0	0	0	0	8.6	5.9	0	15.1
1992.0	0	0	0	0	0	0	0	2.4	8.2	8.6	7.2	0	26.3
1993.0	0	0	0	0	0	0	0.9	0	0	8.6	2.7	0	12.1
1994.0	0	0	0	0	0	0	0	0	8.2	8.6	7.2	0	23.9
AVG:	0.3	0	0	0	0.0	0.1	0.5	1.0	4.2	7.4	5.8	0	19.3
MIN:	0	0	0	0	0	0	0	0	0	0	0	0	0
MAX:	1.1	0	0	0	0.6	3.1	4.6	6.2	8.2	8.6	7.2	0	36.3

Table 13

Alternative 4 - Water to be Subtracted from Diversion at CP #672, TAF

YEAR	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	TOTAL
1922.0	0	0	0	0	0	0	0	0	0	9.1	7.4	0	16.5
1923.0	0	0	0	0	0	0	0	0	0.5	9.1	7.4	0	17.1
1924.0	0	0	0	0	0	0	0.2	6.3	8.6	9.1	7.4	0	31.7
1925.0	0.7	0	0	0	0	0	0	0	0.5	9.1	7.4	0	17.7
1926.0	0.7	0	0	0	0	0	0	0	8.6	9.1	7.4	0	25.8
1927.0	0	0	0	0	0	0	0	0	0	9.1	7.4	0	16.5
1928.0	0	0	0	0	0	0	0	0	8.6	9.1	7.4	0	25.1
1929.0	0.7	0	0	0	0	0	0	0	0.5	9.1	7.4	0	17.7
1930.0	0.7	0	0	0	0	0	0	0	8.6	9.1	7.4	0	25.8
1931.0	0	0	0	0	0	0	0.2	0.4	8.6	9.1	7.4	0	25.8
1932.0	0	0	0	0	0	0	0	0	0	9.1	7.4	0	16.5
1933.0	0	0	0	0	0	0	0	0	0	9.1	7.4	0	16.5
1934.0	0.7	0	0	0	0	0	0	0.4	8.6	9.1	7.4	0	26.2
1935.0	0.7	0	0	0	0	0	0	0	0	9.1	7.4	0	17.2
1936.0	0	0	0	0	0	0	0	0	0	9.1	7.4	0	16.5
1937.0	0	0	0	0	0	0	0	0	0	9.1	7.4	0	16.5
1938.0	0	0	0	0	0	0	0	0	0	0	0.5	0	0.5
1939.0	0	0	0	0	0	0	0	0	8.6	9.1	7.4	0	25.1
1940.0	0.7	0	0	0	0	0	0	0	0.5	9.1	7.4	0	17.7
1941.0	0	0	0	0	0	0	0	0	0	0.5	4.5	0	5.0
1942.0	0	0	0	0	0	0	0	0	0	0.5	4.5	0	5.0
1943.0	0	0	0	0	0	0	0	0	0	9.1	7.4	0	16.5
1944.0	0	0	0	0	0	0	0	0	8.6	9.1	7.4	0	25.1
1945.0	0	0	0	0	0	0	0	0	0	9.1	7.4	0	16.5
1946.0	0	0	0	0	0	0	0	0	8.6	9.1	7.4	0	25.1
1947.0	0	0	0	0	0	0	0.1	0	8.6	9.1	7.4	0	25.2
1948.0	0.7	0	0	0	0	0	0	0	0	9.1	7.4	0	17.2
1949.0	0.7	0	0	0	0	0	0.1	0	8.6	9.1	7.4	0	25.8
1950.0	0.7	0	0	0	0	0	0	0	0.0	9.1	6.2	0	16.0
1951.0	0	0	0	0	0	0	0.1	6.3	8.6	9.1	4.5	0	28.5
1952.0	0	0	0	0	0	0	0	0	0	0	0.0	0	0.0
1953.0	0	0	0	0	0	0	0.1	6.3	0	5.5	0.0	0	11.9
1954.0	0.1	0	0	0	0	0	0	0	8.6	9.1	4.5	0	22.2
1955.0	0.2	0	0	0	0	0	0	0	8.6	9.1	7.4	0	25.3
1956.0	0.7	0	0	0	0	0	0.1	0	0	0.0	0.0	0	0.8
1957.0	0	0	0	0	0	0	0.1	0	0	9.1	7.4	0	16.6
1958.0	0	0	0	0	0	0	0	0	0	0	0.0	0	0.0
1959.0	0	0	0	0	0	0	0	0	8.6	9.1	7.4	0	25.1
1960.0	0.7	0	0	0	0	0	0	0	8.6	9.1	7.4	0	25.8
1961.0	0.7	0	0	0	0	0	0	0	8.6	9.1	7.4	0	25.8
1962.0	0	0	0	0	0	0	0	0	0	9.1	7.4	0	16.5
1963.0	0	0	0	0	0	0	0	0	0	9.1	0.5	0	9.5
1964.0	0	0	0	0	0	0.1	0	0	8.6	9.1	7.4	0	25.2
1965.0	0.7	0	0	0	0	0	0	0	0	9.1	0.0	0	9.8
1966.0	0	0	0	0	0	0	0.1	0	8.6	9.1	7.4	0	25.2
1967.0	0.7	0	0	0	0	0	0	0	0	0	0.0	0	0.7
1968.0	0	0	0	0	0	0	0.1	0	8.6	9.1	0.0	0	17.8
1969.0	0.7	0	0	0	0	0	0	0	0	0	0.0	0	0.7
1970.0	0	0	0	0	0	0	3.4	3.8	7.2	9.1	0.5	0	23.9
1971.0	0	0	0	0	0	0	3.4	3.8	0	0.5	0.0	0	7.7
1972.0	0.7	0	0	0	0	0	3.4	0	8.6	9.1	7.4	0	29.2
1973.0	0	0	0	0	0	0	0	0	0.5	9.1	4.5	0	14.1
1974.0	0	0	0	0	0	0	0	0	0	0.0	0.0	0	0.1
1975.0	0	0	0	0	0	0	0	0	0	0.5	0.0	0	0.6
1976.0	0	0	0	0	0	0	0	3.8	8.6	9.1	0.0	0	21.5
1977.0	0	0	0	0	0	1.6	3.4	6.3	8.6	9.1	0.5	0	29.4
1978.0	0.1	0	0	0	0	0	0	0	0	5.5	6.3	0	11.8
1979.0	0	0	0	0	0	0	0	0	8.6	9.1	0.5	0	18.1
1980.0	0	0	0	0	0	0	0	0	0	0.5	0.5	0	1.0
1981.0	0	0	0	0	0	0	0	0	8.6	9.1	7.4	0	25.1
1982.0	0.7	0	0	0	0	0	0	0	0	0	0.0	0	0.7
1983.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1984.0	0	0	0	0	0	0	2.0	0	0.5	9.1	0.0	0	11.7
1985.0	0	0	0	0	0	0	0	0.4	8.6	9.1	7.4	0	25.5
1986.0	0	0	0	0	0	0	0	0	0	9.1	7.4	0	16.5
1987.0	0	0	0	0	0	0	0	0.4	8.6	9.1	7.4	0	25.5
1988.0	0.7	0	0	0	0	0	0	0	8.6	9.1	7.4	0	25.8
1989.0	0	0	0	0	0	0	0	0	8.6	9.1	7.4	0	25.1
1990.0	0	0	0	0	0	0	0	0	8.6	9.1	7.4	0	25.1
1991.0	0	0	0	0	0	0	0	0	0	9.1	4.5	0	13.6
1992.0	0	0	0	0	0	0	0	0.4	8.6	9.1	7.4	0	25.5
1993.0	0	0	0	0	0	0	0.1	0	0	9.1	0.0	0	9.2
1994.0	0	0	0	0	0	0	0	0	8.6	9.1	7.4	0	25.1
AVG:	0.2	0	0	0	0	0.0	0.2	0.5	3.9	7.3	5.0	0	17.1
MIN:	0	0	0	0	0	0	0	0	0	0	0	0	0
MAX:	0.7	0	0	0	0	1.6	3.4	6.3	8.6	9.1	7.4	0	31.7

Table 14

Alternative 4 - Water to be Subtracted from Diversion at CP #688, TAF

YEAR	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	TOTAL
1922.0	0	0	0	0	0	0	0	0	0	1.3	1.3	0	2.5
1923.0	0	0	0	0	0	0	0	0	1.3	1.3	1.3	0	3.8
1924.0	0	0	0	0	0	0	0.6	1.2	1.3	1.3	1.3	0	5.6
1925.0	0.2	0	0	0	0	0	0	0	1.3	1.3	1.3	0	4.0
1926.0	0.2	0	0	0	0	0	0	1.2	1.3	1.3	1.3	0	5.2
1927.0	0	0	0	0	0	0	0	0	0	1.3	1.3	0	2.5
1928.0	0	0	0	0	0	0	0	0	1.3	1.3	1.3	0	3.8
1929.0	0.2	0	0	0	0	0	0	0	1.3	1.3	1.3	0	4.0
1930.0	0.2	0	0	0	0	0	0	0	1.3	1.3	1.3	0	4.0
1931.0	0	0	0	0	0	0	0.6	1.2	1.3	1.3	1.3	0	5.6
1932.0	0	0	0	0	0	0	0	0	0	1.3	1.3	0	2.5
1933.0	0	0	0	0	0	0	0	0	0	1.3	1.3	0	2.5
1934.0	0.2	0	0	0	0	0	0	1.2	1.3	1.3	1.3	0	5.2
1935.0	0.2	0	0	0	0	0	0	0	0	1.3	1.3	0	2.7
1936.0	0	0	0	0	0	0	0	0	0	1.3	1.3	0	2.5
1937.0	0	0	0	0	0	0	0	0	0	1.3	1.3	0	2.5
1938.0	0	0	0	0	0	0	0	0	0	0	1.3	0	1.3
1939.0	0	0	0	0	0	0	0	0	1.3	1.3	1.3	0	3.8
1940.0	0.2	0	0	0	0	0	0	0	1.3	1.3	1.3	0	4.0
1941.0	0	0	0	0	0	0	0	0	0	1.3	1.3	0	2.5
1942.0	0	0	0	0	0	0	0	0	0	1.3	1.3	0	2.5
1943.0	0	0	0	0	0	0	0	0	0	1.3	1.3	0	2.5
1944.0	0	0	0	0	0	0	0	0	1.3	1.3	1.3	0	3.8
1945.0	0	0	0	0	0	0	0	0	0	1.3	1.3	0	2.5
1946.0	0	0	0	0	0	0	0	0	1.3	1.3	1.3	0	3.8
1947.0	0	0	0	0	0	0	0	0	1.3	1.3	1.3	0	3.8
1948.0	0.2	0	0	0	0	0	0	0	0	1.3	1.3	0	2.7
1949.0	0.2	0	0	0	0	0	0	0	1.3	1.3	1.3	0	4.0
1950.0	0.2	0	0	0	0	0	0	0	1.3	1.3	1.3	0	4.0
1951.0	0	0	0	0	0	0	0.6	1.2	1.3	1.3	1.3	0	5.6
1952.0	0	0	0	0	0	0	0	0	0	0	1.3	0	1.3
1953.0	0	0	0	0	0	0	0	1.2	1.3	1.3	1.3	0	5.0
1954.0	0.2	0	0	0	0	0	0	0	1.3	1.3	1.3	0	4.0
1955.0	0.1	0	0	0	0	0.3	0	0	1.3	1.3	1.3	0	4.2
1956.0	0.2	0	0	0	0	0	0	0	0	1.3	1.3	0	2.7
1957.0	0	0	0	0	0	0	0.6	0	0	1.3	1.3	0	3.2
1958.0	0	0	0	0	0	0	0	0	0	0	1.3	0	1.3
1959.0	0	0	0	0	0	0	0	0	1.3	1.3	1.3	0	3.8
1960.0	0.2	0	0	0	0	0	0	0	1.3	1.3	1.3	0	4.0
1961.0	0.2	0	0	0	0	0	0	0	1.3	1.3	1.3	0	4.0
1962.0	0	0	0	0	0	0	0	0	0	1.3	1.3	0	2.5
1963.0	0	0	0	0	0	0	0	0	0	1.3	1.3	0	2.5
1964.0	0	0	0	0	0	0.3	0	0	1.3	1.3	1.3	0	4.1
1965.0	0.2	0	0	0	0	0	0	0	0	1.3	1.3	0	2.7
1966.0	0	0	0	0	0	0	0	0	1.3	1.3	1.3	0	3.8
1967.0	0.2	0	0	0	0	0	0	0	0	0	1.3	0	1.5
1968.0	0	0	0	0	0	0	0.6	1.2	1.3	1.3	1.3	0	5.6
1969.0	0.2	0	0	0	0	0	0	0	0	0	1.3	0	1.5
1970.0	0	0	0	0	0	0	0.6	1.2	1.3	1.3	1.3	0	5.6
1971.0	0	0	0	0	0	0	0.6	1.2	0	1.3	1.3	0	4.3
1972.0	0.2	0	0	0	0	0	0.6	0	1.3	1.3	1.3	0	4.6
1973.0	0	0	0	0	0	0	0	0	1.3	1.3	1.3	0	3.8
1974.0	0	0	0	0	0	0	0	0	0	1.3	1.3	0	2.5
1975.0	0	0	0	0	0	0	0	0	0	1.3	1.3	0	2.5
1976.0	0	0	0	0	0	0	0	1.2	1.3	1.3	1.3	0	5.0
1977.0	0	0	0	0	0	0.3	0.6	1.2	1.3	1.3	1.3	0	5.9
1978.0	0.2	0	0	0	0	0	0	0	0	1.3	1.3	0	2.7
1979.0	0	0	0	0	0	0	0	0	1.3	1.3	1.3	0	3.8
1980.0	0	0	0	0	0	0	0	0	0	1.3	1.3	0	2.5
1981.0	0	0	0	0	0	0	0	0	1.3	1.3	1.3	0	3.8
1982.0	0.2	0	0	0	0	0	0	0	0	0	1.3	0	1.5
1983.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1984.0	0	0	0	0	0	0	0.6	0	1.3	1.3	1.3	0	4.4
1985.0	0	0	0	0	0	0	0	1.2	1.3	1.3	1.3	0	5.0
1986.0	0	0	0	0	0	0	0	0	0	1.3	1.3	0	2.5
1987.0	0	0	0	0	0	0	0	1.2	1.3	1.3	1.3	0	5.0
1988.0	0.2	0	0	0	0	0	0	0	1.3	1.3	1.3	0	4.0
1989.0	0	0	0	0	0	0	0	0	1.3	1.3	1.3	0	3.8
1990.0	0	0	0	0	0	0	0	0	1.3	1.3	1.3	0	3.8
1991.0	0	0	0	0	0	0	0	0	0	1.3	1.3	0	2.5
1992.0	0	0	0	0	0	0	0	1.2	1.3	1.3	1.3	0	5.0
1993.0	0	0	0	0	0	0	0	0	0	1.3	1.3	0	2.5
1994.0	0	0	0	0	0	0	0	0	1.3	1.3	1.3	0	3.8
AVG:	0.1	0	0	0	0	0.0	0.1	0.2	0.7	1.1	1.3	0	3.5
MIN:	0	0	0	0	0	0	0	0	0	0	0	0	0
MAX:	0.2	0	0	0	0	0.3	0.6	1.2	1.3	1.3	1.3	0	6.1

Table 15

Alternative 4 - Water to be Subtracted from Diversion at CP #693, TAF

YEAR	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	TOTAL
1922.0	0	0	0	0	0	0	0.3	0	0	0.5	0.5	0	1.3
1923.0	0	0	0	0	0	0.2	0	0.5	0.5	0.5	0.5	0	2.2
1924.0	0	0	0	0	0	0	0.3	0.5	0.5	0.5	0.5	0	2.3
1925.0	0.1	0	0	0	0	0	0	0.5	0.5	0.5	0.5	0	2.1
1926.0	0.1	0	0	0	0	0.2	0	0.5	0.5	0.5	0.5	0	2.3
1927.0	0	0	0	0	0	0	0	0	0.5	0.5	0.5	0	1.5
1928.0	0	0	0	0	0	0	0.3	0.5	0.5	0.5	0.5	0	2.3
1929.0	0.1	0	0	0	0	0	0	0.5	0.5	0.5	0.5	0	2.1
1930.0	0.1	0	0	0	0	0	0	0	0.5	0.5	0.5	0	1.6
1931.0	0	0	0	0	0	0	0.3	0.5	0.5	0.5	0.5	0	2.3
1932.0	0	0	0	0	0	0	0	0	0	0.5	0.5	0	1.0
1933.0	0	0	0	0	0	0	0	0	0.5	0.5	0.5	0	1.5
1934.0	0.1	0	0	0	0	0	0	0.5	0.5	0.5	0.5	0	2.1
1935.0	0.1	0	0	0	0	0	0	0	0	0.5	0.5	0	1.1
1936.0	0	0	0	0	0	0	0	0	0.5	0.5	0.5	0	1.5
1937.0	0	0	0	0	0	0	0	0	0	0.5	0.5	0	1.0
1938.0	0	0	0	0	0	0	0	0	0	0	0.5	0	0.5
1939.0	0	0	0	0	0	0	0	0	0.5	0.5	0.5	0	1.5
1940.0	0.1	0	0	0	0	0	0	0	0.5	0.5	0.5	0	1.6
1941.0	0	0	0	0	0	0	0	0	0	0.5	0.5	0	1.0
1942.0	0	0	0	0	0	0	0	0	0	0.5	0.5	0	1.0
1943.0	0	0	0	0	0	0	0	0	0.5	0.5	0.5	0	1.5
1944.0	0	0	0	0	0	0	0	0.5	0.5	0.5	0.5	0	2.0
1945.0	0	0	0	0	0	0	0	0	0	0.5	0.5	0	1.0
1946.0	0	0	0	0	0	0	0	0	0.5	0.5	0.5	0	1.5
1947.0	0	0	0	0	0	0.2	0.3	0.5	0.5	0.5	0.5	0	2.5
1948.0	0.1	0	0	0	0	0	0	0.5	0.5	0.5	0.5	0	2.1
1949.0	0.1	0	0	0	0	0	0.3	0	0.5	0.5	0.5	0	1.9
1950.0	0.1	0	0	0	0	0	0.3	0.5	0.5	0.5	0.5	0	2.4
1951.0	0	0	0	0	0	0	0.3	0.5	0.5	0.5	0.5	0	2.3
1952.0	0	0	0	0	0	0	0	0	0	0	0.5	0	0.5
1953.0	0	0	0	0	0	0	0.3	0.5	0.5	0.5	0.5	0	2.3
1954.0	0.1	0	0	0	0	0	0	0	0.5	0.5	0.5	0	1.6
1955.0	1.9	0	0	0	0	0.2	0	0	0.5	0.5	0.5	0	3.6
1956.0	0.1	0	0	0	0	0	0.3	0	0	0.5	0.5	0	1.4
1957.0	0	0	0	0	0	0	0.3	0.5	0.5	0.5	0.5	0	2.3
1958.0	0	0	0	0	0	0	0	0	0	0	0.5	0	0.5
1959.0	0	0	0	0	0	0	0	0	0.5	0.5	0.5	0	1.5
1960.0	0.1	0	0	0	0	0	0	0	0.5	0.5	0.5	0	1.6
1961.0	0.1	0	0	0	0	0	0	0	0.5	0.5	0.5	0	1.6
1962.0	0	0	0	0	0	0	0	0	0	0.5	0.5	0	1.0
1963.0	0	0	0	0	0	0.2	0	0	0.5	0.5	0.5	0	1.7
1964.0	0	0	0	0	0	0.2	0	0.5	0.5	0.5	0.5	0	2.2
1965.0	0.1	0	0	0	0	0	0	0.5	0	0.5	0.5	0	1.6
1966.0	0	0	0	0	0	0	0.3	0	0.5	0.5	0.5	0	1.8
1967.0	0.1	0	0	0	0	0	0	0	0	0	0.5	0	0.6
1968.0	0	0	0	0	0	0	0.3	0.5	0.5	0.5	0.5	0	2.3
1969.0	0.1	0	0	0	0	0	0	0	0	0	0.5	0	0.6
1970.0	0	0	0	0	0	0	0.3	0.5	0.5	0.5	0.5	0	2.3
1971.0	0	0	0	0	0	0	0.3	0.5	0.5	0.5	0.5	0	2.3
1972.0	0.1	0	0	0	0	0.2	0.3	0.5	0.5	0.5	0.5	0	2.6
1973.0	0.1	0	0	0	0	0	0	0	0.5	0.5	0.5	0	1.6
1974.0	0	0	0	0	0	0	0	0	0	0.5	0.5	0	1.0
1975.0	0	0	0	0	0	0	0	0	0	0.5	0.5	0	1.0
1976.0	0	0	0	0	0	0	0	0.5	0.5	0.5	0.5	0	2.0
1977.0	0	0	0	0	0	0.2	0.3	0.5	0.5	0.5	0.5	0	2.5
1978.0	0.1	0	0	0	0	0	0	0	0	0.5	0.5	0	1.1
1979.0	0	0	0	0	0	0	0	0	0.5	0.5	0.5	0	1.5
1980.0	0	0	0	0	0	0	0	0	0	0.5	0.5	0	1.0
1981.0	0	0	0	0	0	0	0	0.5	0.5	0.5	0.5	0	2.0
1982.0	0.1	0	0	0	0	0	0	0	0	0	0.5	0	0.6
1983.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1984.0	0	0	0	0	0	0	0.3	0.5	0.5	0.5	0.5	0	2.3
1985.0	0	0	0	0	0	0	0	0.5	0.5	0.5	0.5	0	2.0
1986.0	0	0	0	0	0	0	0	0	0	0.5	0.5	0	1.0
1987.0	0	0	0	0	0	0	0	0.5	0.5	0.5	0.5	0	2.0
1988.0	0.1	0	0	0	0	0	0	0	0.5	0.5	0.5	0	1.6
1989.0	0	0	0	0	0	0	0	0	0.5	0.5	0.5	0	1.5
1990.0	0	0	0	0	0	0	0	0	0.5	0.5	0.5	0	1.5
1991.0	0	0	0	0	0	0	0	0	0	0.5	0.5	0	1.0
1992.0	0	0	0	0	0	0	0	0.5	0.5	0.5	0.5	0	2.0
1993.0	0	0	0	0	0	0	0.3	0	0	0.5	0.5	0	1.3
1994.0	0	0	0	0	0	0	0	0	0.5	0.5	0.5	0	1.5
AVG:	0.1	0	0	0	0	0.0	0.1	0.2	0.3	0.5	0.5	0	1.6
MIN:	0	0	0	0	0	0	0	0	0	0	0	0	0
MAX:	1.9	0	0	0	0	0.2	0.3	0.5	0.5	0.5	0.5	0	4.4

Table 16

Alternative 4 - Water to be Subtracted from Diversion at CP #699, TAF

YEAR	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	TOTAL
1922.0	0	0	0	0	0	0	0	0	0	17.3	14.2	0	31.5
1923.0	0	0	0	0	0	0	0	0	0	17.3	14.2	0	31.5
1924.0	0	0	0	0	0	0	0	12.0	16.4	17.3	14.2	0	59.9
1925.0	1.9	0	0	0	0	0	0	0	0	17.3	14.2	0	33.4
1926.0	1.9	0	0	0	0	0	0	0	16.4	17.3	14.2	0	49.8
1927.0	0	0	0	0	0	0	0	0	0	17.3	14.2	0	31.5
1928.0	0	0	0	0	0	0	0	0	16.4	17.3	14.2	0	47.9
1929.0	1.9	0	0	0	0	0	0	0	0	17.3	14.2	0	33.4
1930.0	1.9	0	0	0	0	0	0	0	16.4	17.3	14.2	0	49.8
1931.0	0	0	0	0	0	0	0	0	16.4	17.3	14.2	0	47.9
1932.0	0	0	0	0	0	0	0	0	0	17.3	14.2	0	31.5
1933.0	0	0	0	0	0	0	0	0	0	17.3	14.2	0	31.5
1934.0	1.9	0	0	0	0	0	0	0	16.4	17.3	14.2	0	49.8
1935.0	1.9	0	0	0	0	0	0	0	0	17.3	14.2	0	33.4
1936.0	0	0	0	0	0	0	0	0	0	17.3	14.2	0	31.5
1937.0	0	0	0	0	0	0	0	0	0	17.3	14.2	0	31.5
1938.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1939.0	0	0	0	0	0	0	0	0	16.4	17.3	14.2	0	47.9
1940.0	1.9	0	0	0	0	0	0	0	0	17.3	14.2	0	33.4
1941.0	0	0	0	0	0	0	0	0	0	0	1.1	0	1.1
1942.0	0	0	0	0	0	0	0	0	0	0	1.1	0	1.1
1943.0	0	0	0	0	0	0	0	0	0	17.3	14.2	0	31.5
1944.0	0	0	0	0	0	0	0	0	16.4	17.3	14.2	0	47.9
1945.0	0	0	0	0	0	0	0	0	0	17.3	14.2	0	31.5
1946.0	0	0	0	0	0	0	0	0	16.4	17.3	14.2	0	47.9
1947.0	0	0	0	0	0	0	0	0	16.4	17.3	14.2	0	47.9
1948.0	1.9	0	0	0	0	0	0	0	0	17.3	14.2	0	33.4
1949.0	1.9	0	0	0	0	0	0	0	16.4	17.3	14.2	0	49.8
1950.0	1.9	0	0	0	0	0	0	0	0	17.3	14.2	0	33.4
1951.0	0	0	0	0	0	0	0	12.0	16.4	17.3	1.1	0	46.8
1952.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1953.0	0	0	0	0	0	0	0	12.0	0	1.3	0	0	13.3
1954.0	0	0	0	0	0	0	0	0	16.4	17.3	1.1	0	34.8
1955.0	0	0	0	0	0	0	0	0	16.4	17.3	14.2	0	47.9
1956.0	1.9	0	0	0	0	0	0	0	0	0	0	0	1.9
1957.0	0	0	0	0	0	0	0	0	0	17.3	14.2	0	31.5
1958.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1959.0	0	0	0	0	0	0	0	0	16.4	17.3	14.2	0	47.9
1960.0	1.9	0	0	0	0	0	0	0	16.4	17.3	14.2	0	49.8
1961.0	1.9	0	0	0	0	0	0	0	16.4	17.3	14.2	0	49.8
1962.0	0	0	0	0	0	0	0	0	0	17.3	14.2	0	31.5
1963.0	0	0	0	0	0	0	0	0	0	17.3	0	0	17.3
1964.0	0	0	0	0	0	0	0	0	16.4	17.3	14.2	0	47.9
1965.0	1.9	0	0	0	0	0	0	0	0	17.3	0	0	19.2
1966.0	0	0	0	0	0	0	0	0	16.4	17.3	14.2	0	47.9
1967.0	1.9	0	0	0	0	0	0	0	0	0	0	0	1.9
1968.0	0	0	0	0	0	0	0	0	16.4	17.3	0	0	33.7
1969.0	1.9	0	0	0	0	0	0	0	0	0	0	0	1.9
1970.0	0	0	0	0	0	0	6.3	12.0	16.4	17.3	0	0	52.0
1971.0	0	0	0	0	0	0	6.3	12.0	0	0	0	0	18.3
1972.0	1.9	0	0	0	0	0	6.3	0	16.4	17.3	14.2	0	56.1
1973.0	0	0	0	0	0	0	0	0	0	17.3	1.1	0	18.4
1974.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1975.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1976.0	0	0	0	0	0	0	0	12.0	16.4	17.3	0	0	45.7
1977.0	0	0	0	0	0	3.2	6.3	12.0	16.4	17.3	0	0	55.1
1978.0	0	0	0	0	0	0	0	0	0	1.3	14.2	0	15.5
1979.0	0	0	0	0	0	0	0	0	16.4	17.3	0	0	33.7
1980.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1981.0	0	0	0	0	0	0	0	0	16.4	17.3	14.2	0	47.9
1982.0	1.9	0	0	0	0	0	0	0	0	0	0	0	1.9
1983.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1984.0	0	0	0	0	0	0	0	6.3	0	0	0	0	23.6
1985.0	0	0	0	0	0	0	0	0	16.4	17.3	14.2	0	47.9
1986.0	0	0	0	0	0	0	0	0	0	17.3	14.2	0	31.5
1987.0	0	0	0	0	0	0	0	0	16.4	17.3	14.2	0	47.9
1988.0	1.9	0	0	0	0	0	0	0	16.4	17.3	14.2	0	49.8
1989.0	0	0	0	0	0	0	0	0	16.4	17.3	14.2	0	47.9
1990.0	0	0	0	0	0	0	0	0	16.4	17.3	14.2	0	47.9
1991.0	0	0	0	0	0	0	0	0	0	17.3	1.1	0	18.4
1992.0	0	0	0	0	0	0	0	0	16.4	17.3	14.2	0	47.9
1993.0	0	0	0	0	0	0	0	0	0	17.3	0	0	17.3
1994.0	0	0	0	0	0	0	0	0	16.4	17.3	14.2	0	47.9
AVG:	0.5	0	0	0	0	0.0	0.4	1.1	7.4	13.5	8.8	0	31.9
MIN:	0	0	0	0	0	0	0	0	0	0	0	0	0
MAX:	1.9	0	0	0	0	3.2	6.3	12.0	16.4	17.3	14.2	0	71.3

Alternative 3
Water Right Cutoff Number for Vernalis Objectives

YEAR	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1922	71.0	x	x	x	0	0	16.0	8.0	0	x	x	x
1923	0	x	x	x	0	12.0	16.0	11.0	0	x	x	x
1924	0	x	x	x	0	0	24.0	70.0	0	x	x	x
1925	71.0	x	x	x	0	0	8.0	8.0	0	x	x	x
1926	71.0	x	x	x	0	8.0	16.0	21.0	24.0	x	x	x
1927	71.0	x	x	x	0	0	8.0	8.0	16.0	x	x	x
1928	0	x	x	x	0	0	21.0	16.0	18.0	x	x	x
1929	71.0	x	x	x	0	0	0	16.0	0	x	x	x
1930	71.0	x	x	x	0	0	16.0	21.0	0	x	x	x
1931	0	x	x	x	0	0	52.0	70.0	0	x	x	x
1932	0	x	x	x	0	0	0	8.0	8.0	x	x	x
1933	0	x	x	x	0	0	24.0	24.0	16.0	x	x	x
1934	71.0	x	x	x	0	0	16.0	71.0	0	x	x	x
1935	71.0	x	x	x	0	0	0	0	0	x	x	x
1936	0	x	x	x	0	0	0	8.0	8.0	x	x	x
1937	0	x	x	x	0	0	0	0	0	x	x	x
1938	0	x	x	x	0	0	0	0	0	x	x	x
1939	0	x	x	x	0	0	0	63.0	44.0	x	x	x
1940	71.0	x	x	x	0	0	0	8.0	21.0	x	x	x
1941	0	x	x	x	0	0	0	0	0	x	x	x
1942	0	x	x	x	0	0	0	8.0	0	x	x	x
1943	0	x	x	x	0	0	0	0	16.0	x	x	x
1944	0	x	x	x	0	0	0	16.0	0	x	x	x
1945	71.0	x	x	x	0	0	0	8.0	0	x	x	x
1946	0	x	x	x	0	0	16.0	8.0	21.0	x	x	x
1947	0	x	x	x	0	8.0	71.0	16.0	58.0	x	x	x
1948	71.0	x	x	x	8.0	0	16.0	16.0	8.0	x	x	x
1949	71.0	x	x	x	0	0	21.0	16.0	20.0	x	x	x
1950	71.0	x	x	x	0	0	16.0	8.0	16.0	x	x	x
1951	71.0	x	x	x	0	0	71.0	71.0	21.0	x	x	x
1952	71.0	x	x	x	0	0	0	0	0	x	x	x
1953	0	x	x	x	0	0	53.0	71.0	21.0	x	x	x
1954	71.0	x	x	x	8.0	0	8.0	8.0	0	x	x	x
1955	71.0	x	x	x	8.0	21.0	71.0	16.0	16.0	x	x	x
1956	71.0	x	x	x	0	0	21.0	0	0	x	x	x
1957	0	x	x	x	0	0	71.0	21.0	16.0	x	x	x
1958	71.0	x	x	x	0	0	0	0	0	x	x	x
1959	0	x	x	x	0	0	16.0	71.0	63.0	x	x	x
1960	71.0	x	x	x	0	0	16.0	16.0	0	x	x	x
1961	71.0	x	x	x	0	0	16.0	63.0	0	x	x	x
1962	0	x	x	x	0	0	0	16.0	8.0	x	x	x
1963	71.0	x	x	x	0	8.0	0	8.0	8.0	x	x	x
1964	0	x	x	x	8.0	36.0	71.0	24.0	21.0	x	x	x
1965	(72+)	x	x	x	0	0	8.0	16.0	16.0	x	x	x
1966	0	x	x	x	0	0	24.0	24.0	36.0	x	x	x
1967	71.0	x	x	x	0	0	0	0	0	x	x	x
1968	0	x	x	x	0	0	71.0	21.0	57.0	x	x	x
1969	71.0	x	x	x	0	0	0	0	0	x	x	x
1970	0	x	x	x	0	0	71.0	71.0	21.0	x	x	x
1971	71.0	x	x	x	0	0	71.0	71.0	16.0	x	x	x
1972	71.0	x	x	x	8.0	8.0	71.0	16.0	63.0	x	x	x
1973	71.0	x	x	x	0	0	0	8.0	0	x	x	x
1974	0	x	x	x	0	0	0	8.0	16.0	x	x	x
1975	0	x	x	x	0	0	0	16.0	0	x	x	x
1976	0	x	x	x	0	0	24.0	63.0	0	x	x	x
1977	0	x	x	x	0	0	(72+)	(72+)	0	x	x	x
1978	0	x	x	x	0	0	0	0	0	x	x	x
1979	0	x	x	x	0	0	8.0	8.0	16.0	x	x	x
1980	0	x	x	x	0	0	0	0	0	x	x	x
1981	0	x	x	x	0	0	16.0	16.0	57.0	x	x	x
1982	71.0	x	x	x	0	0	0	0	0	x	x	x
1983	0	x	x	x	0	0	0	0	0	x	x	x
1984	0	x	x	x	0	0	71.0	21.0	21.0	x	x	x
1985	71.0	x	x	x	0	0	16.0	16.0	53.0	x	x	x
1986	71.0	x	x	x	0	0	0	0	0	x	x	x
1987	0	x	x	x	0	0	0	29.0	0	x	x	x
1988	71.0	x	x	x	0	0	16.0	53.0	0	x	x	x
1989	0	x	x	x	0	0	16.0	16.0	0	x	x	x
1990	0	x	x	x	0	0	16.0	16.0	0	x	x	x
1991	0	x	x	x	0	0	0	16.0	0	x	x	x
1992	0	x	x	x	0	0	0	16.0	0	x	x	x
1993	0	x	x	x	8.0	8.0	21.0	16.0	0	x	x	x
1994	0	x	x	x	0	0	11.0	16.0	0	x	x	x

Alternative 4
Water Right Cutoff Number for Vernalis Objectives

YEAR	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1922	0	x	x	x	0	0	11.0	0	0	x	x	x
1923	0	x	x	x	0	12.0	0	8.0	0	x	x	x
1924	0	x	x	x	0	0	16.0	58.0	0	x	x	x
1925	72+	x	x	x	0	0	0	8.0	0	x	x	x
1926	72.0	x	x	x	0	8.0	0	21.0	24.0	x	x	x
1927	0	x	x	x	0	0	0	0	8.0	x	x	x
1928	0	x	x	x	0	0	8.0	16.0	18.0	x	x	x
1929	71.0	x	x	x	0	0	0	16.0	0	x	x	x
1930	72+	x	x	x	0	0	0	0	0	x	x	x
1931	0	x	x	x	0	0	24.0	53.0	0	x	x	x
1932	0	x	x	x	0	0	0	0	0	x	x	x
1933	0	x	x	x	0	0	0	0	16.0	x	x	x
1934	72+	x	x	x	0	0	0	0	0	x	x	x
1935	72+	x	x	x	0	0	0	0	0	x	x	x
1936	0	x	x	x	0	0	0	0	8.0	x	x	x
1937	0	x	x	x	0	0	0	0	0	x	x	x
1938	0	x	x	x	0	0	0	0	0	x	x	x
1939	0	x	x	x	0	0	0	0	53.0	x	x	x
1940	72+	x	x	x	0	0	0	0	21.0	x	x	x
1941	0	x	x	x	0	0	0	0	0	x	x	x
1942	0	x	x	x	0	0	0	0	0	x	x	x
1943	0	x	x	x	0	0	0	0	17.0	x	x	x
1944	0	x	x	x	0	0	0	16.0	0	x	x	x
1945	0	x	x	x	0	0	0	0	0	x	x	x
1946	0	x	x	x	0	0	0	0	21.0	x	x	x
1947	0	x	x	x	0	8.0	16.0	16.0	59.0	x	x	x
1948	66.0	x	x	x	8.0	0	0	16.0	8.0	x	x	x
1949	72+	x	x	x	0	0	16.0	0	20.0	x	x	x
1950	72+	x	x	x	0	0	8.0	8.0	16.0	x	x	x
1951	0	x	x	x	0	0	24.0	72+	21.0	x	x	x
1952	0	x	x	x	0	0	0	0	0	x	x	x
1953	0	x	x	x	0	0	16.0	72+	21.0	x	x	x
1954	43.0	x	x	x	0	0	0	0	0	x	x	x
1955	72+	x	x	x	8.0	21.0	0	0	16.0	x	x	x
1956	72+	x	x	x	0	0	16.0	0	0	x	x	x
1957	0	x	x	x	0	0	24.0	16.0	16.0	x	x	x
1958	0	x	x	x	0	0	0	0	0	x	x	x
1959	0	x	x	x	0	0	0	0	63.0	x	x	x
1960	72+	x	x	x	0	0	0	0	0	x	x	x
1961	72+	x	x	x	0	0	0	0	0	x	x	x
1962	0	x	x	x	0	0	0	0	0	x	x	x
1963	0	x	x	x	0	8.0	0	0	8.0	x	x	x
1964	0	x	x	x	8.0	48.0	0	16.0	21.0	x	x	x
1965	72+ +	x	x	x	0	0	0	8.0	0	x	x	x
1966	0	x	x	x	0	0	16.0	0	47.0	x	x	x
1967	71.0	x	x	x	0	0	0	0	0	x	x	x
1968	0	x	x	x	0	0	21.0	21.0	58.0	x	x	x
1969	72+	x	x	x	0	0	0	0	0	x	x	x
1970	0	x	x	x	0	0	72+	63.0	21.0	x	x	x
1971	0	x	x	x	0	0	71.0	63.0	16.0	x	x	x
1972	72+	x	x	x	8.0	8.0	72+	16.0	63.0	x	x	x
1973	8.0	x	x	x	0	0	0	0	0	x	x	x
1974	0	x	x	x	0	0	0	0	0	x	x	x
1975	0	x	x	x	0	0	0	0	0	x	x	x
1976	0	x	x	x	0	0	0	63.0	0	x	x	x
1977	0	x	x	x	0	0	72+ +	72+ +	0	x	x	x
1978	0	x	x	x	0	0	0	0	0	x	x	x
1979	0	x	x	x	0	0	0	0	0	x	x	x
1980	0	x	x	x	0	0	0	0	0	x	x	x
1981	0	x	x	x	0	0	0	16.0	58.0	x	x	x
1982	71.0	x	x	x	0	0	0	0	0	x	x	x
1983	0	x	x	x	0	0	0	0	0	x	x	x
1984	0	x	x	x	0	0	63.0	16.0	21.0	x	x	x
1985	0	x	x	x	0	0	0	0	56.0	x	x	x
1986	0	x	x	x	0	0	0	0	0	x	x	x
1987	0	x	x	x	0	0	0	0	0	x	x	x
1988	72+	x	x	x	0	0	0	0	0	x	x	x
1989	0	x	x	x	0	0	0	0	0	x	x	x
1990	0	x	x	x	0	0	0	0	0	x	x	x
1991	0	x	x	x	0	0	0	0	0	x	x	x
1992	0	x	x	x	0	0	0	16.0	0	x	x	x
1993	0	x	x	x	0	0	16.0	0	0	x	x	x
1994	0	x	x	x	0	0	0	0	0	x	x	x

**Alternative 3
Priority Group Curtaled for Delta Outflow Objective**

YEAR	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1922	0	0	0	0	0	0	0	0	0	7.0	5.0	0
1923	0	0	0	0	0	0	0	0	4.0	8.0	7.0	0
1924	0	0	0	0	0	0	4.0	7.0	8.0	8.0	6.0	0
1925	0	0	0	0	0	0	0	0	3.0	7.0	7.0	0
1926	0	0	0	0	0	0	0	(0)	8.0	8.0	8.0	0
1927	0	0	0	0	0	0	0	0	0	7.0	7.0	0
1928	0	0	0	0	0	0	0	0	8.0	9.0	8.0	0
1929	0	0	0	0	0	0	0	0	4.0	8.0	7.0	0
1930	0	0	0	0	0	0	0	0	7.0	8.0	7.0	0
1931	0	0	0	0	0	0	3.0	4.0	8.0	8.0	7.0	0
1932	0	0	0	0	0	0	0	0	(0)	7.0	6.0	0
1933	0	0	0	0	0	0	0	0	(0)	7.0	7.0	0
1934	0	0	0	0	0	0	0	3.0	8.0	8.0	7.0	0
1935	0	0	0	0	0	0	0	0	0	7.0	6.0	0
1936	0	0	0	0	0	0	0	0	(0)	8.0	7.0	0
1937	0	0	0	0	0	0	0	0	(0)	8.0	7.0	0
1938	0	0	0	0	0	0	0	0	0	(0)	2.0	0
1939	0	0	0	0	0	0	(0)	1.0	9.0	8.0	7.0	0
1940	0	0	0	0	0	0	0	0	4.0	8.0	7.0	0
1941	0	0	0	0	0	0	0	0	0	5.0	4.0	0
1942	0	0	0	0	0	0	0	0	0	4.0	3.0	0
1943	0	0	0	0	0	0	0	0	0	7.0	7.0	0
1944	0	0	0	0	0	0	0	0	7.0	8.0	7.0	0
1945	0	0	0	0	0	0	0	0	(0)	8.0	7.0	0
1946	0	0	0	0	0	0	0	0	7.0	8.0	7.0	0
1947	0	0	0	0	0	0	0	(0)	7.0	8.0	7.0	0
1948	0	0	0	0	0	0	0	0	0	7.0	7.0	0
1949	0	0	0	0	0	0	0	0	7.0	8.0	7.0	0
1950	0	0	0	0	0	0	0	0	(0)	8.0	4.0	0
1951	0	0	0	0	0	0	0	0	7.0	8.0	5.0	0
1952	0	0	0	0	0	0	0	0	0	0	0	0
1953	0	0	0	0	0	0	0	0	0	4.0	2.0	0
1954	0	0	0	0	0	0	0	(0)	5.0	8.0	4.0	0
1955	0	0	0	0	0	0	0	0	7.0	8.0	7.0	0
1956	0	0	0	0	0	0	0	0	0	3.0	0	0
1957	0	0	0	0	0	0	0	0	(0)	8.0	4.0	0
1958	0	0	0	0	0	0	0	0	0	0	0	0
1959	0	0	0	0	0	0	0	0	8.0	8.0	7.0	0
1960	0	0	0	0	0	0	0	0	8.0	8.0	7.0	0
1961	0	0	0	0	0	0	0	0	8.0	9.0	8.0	0
1962	0	0	0	0	0	0	0	0	(0)	8.0	7.0	0
1963	0	0	0	0	0	0	0	0	0	7.0	2.0	0
1964	0	0	0	0	0	0	0	0	7.0	8.0	7.0	0
1965	0	0	0	0	0	0	0	0	0	7.0	0	0
1966	0	0	0	0	0	0	0	(0)	8.0	8.0	7.0	0
1967	0	0	0	0	0	0	0	0	0	0	0	0
1968	0	0	0	0	0	0	0	0	8.0	8.0	0	0
1969	0	0	0	0	0	0	0	0	0	1.0	0	0
1970	0	0	0	0	0	0	0	0	5.0	8.0	3.0	0
1971	0	0	0	0	0	0	0	0	0	3.0	1.0	0
1972	0	0	0	0	0	0	0	0	8.0	8.0	5.0	0
1973	0	0	0	0	0	0	0	0	4.0	8.0	4.0	0
1974	0	0	0	0	0	0	0	0	0	0	0	0
1975	0	0	0	0	0	0	0	0	0	2.0	0	0
1976	0	0	0	0	0	0	0	2.0	9.0	8.0	2.0	0
1977	0	0	0	0	9.0	0	9.0	3.0	8.0	8.0	4.0	0
1978	3.0	0	0	0	0	0	0	0	0	7.0	5.0	0
1979	0	0	0	0	0	0	0	0	7.0	8.0	2.0	0
1980	0	0	0	0	0	0	0	0	0	5.0	2.0	0
1981	0	0	0	0	0	0	0	0	8.0	8.0	5.0	0
1982	0	0	0	0	0	0	0	0	0	0	0	0
1983	0	0	0	0	0	0	0	0	0	0	0	0
1984	0	0	0	0	0	0	0	0	3.0	7.0	0	0
1985	0	0	0	0	0	0	0	4.0	9.0	8.0	7.0	0
1986	0	0	0	0	0	0	0	0	(0)	7.0	4.0	0
1987	0	0	0	0	0	0	0	5.0	9.0	8.0	8.0	0
1988	0	0	0	0	0	0	0	(0)	8.0	8.0	8.0	0
1989	0	0	0	0	0	0	0	(0)	7.0	8.0	5.0	0
1990	0	0	0	0	0	0	(0)	0	7.0	8.0	7.0	0
1991	0	0	0	0	9.0	0	0	0	1.0	7.0	4.0	0
1992	0	0	0	0	0	0	0	3.0	8.0	8.0	7.0	0
1993	0	0	0	0	0	0	0	0	0	7.0	(0)	0
1994	0	0	0	0	0	0	0	0	8.0	8.0	5.0	0

Alternative 4
Priority Group Curtaled for Delta Outflow Objective

YEAR	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1922	0	0	0	0	0	0	0	0	0	7.0	7.0	(0)
1923	0	0	0	0	0	0	0	0	4.0	8.0	7.0	0
1924	0	0	0	0	0	(0)	4.0	8.0	8.0	8.0	7.0	0
1925	(0)	0	0	0	0	0	0	0	3.0	8.0	7.0	(0)
1926	0	0	0	0	0	0	0	(0)	8.0	8.0	8.0	0
1927	0	0	0	0	0	0	0	0	0	8.0	7.0	0
1928	0	0	0	0	0	0	0	0	8.0	9.0	8.0	0
1929	0	0	0	0	0	0	0	0	4.0	8.0	7.0	0
1930	0	0	0	0	0	0	0	0	8.0	8.0	7.0	0
1931	0	0	0	0	0	(0)	3.0	4.0	8.0	8.0	8.0	0
1932	0	0	0	0	0	0	0	0	(0)	8.0	7.0	0
1933	0	0	0	0	0	0	0	0	(0)	8.0	8.0	0
1934	0	0	0	0	0	(0)	0	3.0	8.0	8.0	7.0	0
1935	0	0	0	0	0	0	0	0	0	8.0	7.0	0
1936	0	0	0	0	0	0	0	0	(0)	8.0	8.0	0
1937	0	0	0	0	0	0	0	0	(0)	8.0	8.0	0
1938	0	0	0	0	0	0	0	0	0	0	4.0	0
1939	0	0	0	0	0	0	(0)	(0)	9.0	8.0	8.0	0
1940	0	0	0	0	0	0	0	0	4.0	8.0	8.0	0
1941	0	0	0	0	0	0	0	0	0	4.0	5.0	0
1942	0	0	0	0	0	0	0	0	0	4.0	5.0	0
1943	0	0	0	0	0	0	0	0	0	8.0	7.0	0
1944	0	0	0	0	0	0	0	0	7.0	8.0	8.0	0
1945	0	0	0	0	0	0	0	0	(0)	8.0	7.0	0
1946	0	0	0	0	0	0	0	0	7.0	8.0	7.0	0
1947	0	0	0	0	0	0	0	(0)	8.0	8.0	8.0	0
1948	0	0	0	0	0	0	0	0	0	8.0	7.0	0
1949	0	0	0	0	0	0	0	0	8.0	8.0	7.0	0
1950	0	0	0	0	0	0	0	0	1.0	8.0	6.0	0
1951	0	0	0	0	0	0	0	0	8.0	8.0	5.0	0
1952	0	0	0	0	0	0	0	0	0	0	2.0	0
1953	0	0	0	0	0	0	0	0	0	5.0	2.0	0
1954	0	0	0	0	0	0	0	(0)	7.0	8.0	5.0	0
1955	0	0	0	0	0	0	0	0	7.0	8.0	8.0	0
1956	0	0	0	0	0	0	0	0	0	2.0	2.0	0
1957	0	0	0	0	0	0	0	0	(0)	8.0	7.0	0
1958	0	0	0	0	0	0	0	0	0	(0)	2.0	0
1959	0	0	0	0	0	(0)	0	0	8.0	9.0	7.0	0
1960	(0)	0	0	0	0	0	0	0	8.0	8.0	8.0	(0)
1961	0	0	0	0	0	0	0	0	8.0	9.0	8.0	0
1962	0	0	0	0	0	0	0	0	(0)	8.0	7.0	0
1963	0	0	0	0	0	0	0	0	0	7.0	4.0	0
1964	0	0	0	0	0	0	0	0	7.0	8.0	8.0	0
1965	(0)	0	0	0	0	0	0	0	0	7.0	2.0	0
1966	0	0	0	0	0	0	0	(0)	8.0	8.0	7.0	0
1967	0	0	0	0	0	0	0	0	0	0	2.0	0
1968	0	0	0	0	0	0	0	0	8.0	8.0	2.0	0
1969	(0)	0	0	0	0	0	0	0	0	0	2.0	0
1970	0	0	0	0	0	0	0	0	6.0	8.0	5.0	0
1971	0	0	0	0	0	0	0	0	0	4.0	2.0	0
1972	0	0	0	0	0	0	0	0	8.0	8.0	7.0	0
1973	0	0	0	0	0	0	0	0	3.0	8.0	5.0	0
1974	0	0	0	0	0	0	0	0	0	2.0	2.0	0
1975	0	0	0	0	0	0	0	0	0	4.0	2.0	0
1976	0	0	0	0	0	0	0	3.0	9.0	8.0	2.0	0
1977	(0)	0	0	0	9.0	7.0	9.0	3.0	8.0	8.0	5.0	0
1978	3.0	0	0	0	0	0	0	0	0	5.0	6.0	0
1979	0	0	0	0	0	0	0	0	8.0	8.0	4.0	0
1980	0	0	0	0	0	0	0	0	0	4.0	4.0	0
1981	0	0	0	0	0	0	0	0	8.0	8.0	7.0	0
1982	0	0	0	0	0	0	0	0	0	0	1.0	0
1983	0	0	0	0	0	0	0	0	0	0	0	0
1984	0	0	0	0	0	0	0	0	3.0	8.0	2.0	0
1985	0	0	0	0	0	0	0	3.0	8.0	8.0	7.0	0
1986	0	0	0	0	0	0	0	0	0	8.0	7.0	0
1987	0	0	0	0	0	0	0	4.0	9.0	8.0	8.0	0
1988	0	0	0	0	0	0	0	(0)	8.0	8.0	8.0	0
1989	0	0	0	0	0	0	0	0	8.0	8.0	7.0	0
1990	0	0	0	0	0	0	(0)	0	8.0	8.0	8.0	0
1991	(0)	0	0	0	9.0	0	0	0	(0)	7.0	5.0	0
1992	(0)	0	0	0	0	0	0	3.0	8.0	8.0	8.0	0
1993	0	0	0	0	0	0	0	0	0	8.0	2.0	0
1994	0	0	0	0	0	0	0	0	8.0	8.0	7.0	0

Alternative 3
Unallocated Water (additional project obligation) (TAF)

YEAR	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	TOTAL
1922	0	0	0	0	0	0	0	0	0	60.1	15.6	0	75.7
1923	0	0	0	0	0	0	0	0	15.7	172.9	70.1	0	258.8
1924	0	0	0	0	0	0	17.2	84.6	165.7	77.7	45.5	0	390.6
1925	0	0	0	0	0	0	0	0	44.8	223.1	7.1	0	275.0
1926	0	0	0	0	0	0	0	95.0	217.1	257.9	14.0	0	583.9
1927	0	0	0	0	0	0	0	0	0	188.1	47.1	0	235.2
1928	0	0	0	0	0	0	0	0	33.1	95.1	44.0	0	172.1
1929	0	0	0	0	0	0	0	0	0.6	71.7	51.5	0	123.8
1930	0	0	0	0	0	0	0	0	104.7	120.1	26.6	0	251.4
1931	0	0	0	0	0	0	26.3	29.8	28.7	20.7	99.5	0	204.9
1932	0	0	0	0	0	0	0	0	137.0	177.4	20.1	0	334.5
1933	0	0	0	0	0	0	0	0	136.0	183.7	90.5	0	410.2
1934	0	0	0	0	0	0	0	18.6	65.3	25.1	36.2	0	145.2
1935	0	0	0	0	0	0	0	0	0	231.1	24.0	0	255.1
1936	0	0	0	0	0	0	0	0	9.0	85.9	116.1	0	211.0
1937	0	0	0	0	0	0	0	0	154.0	112.9	115.1	0	382.0
1938	0	0	0	0	0	0	0	0	0	6.0	25.4	0	31.4
1939	0	0	0	0	0	0	122.0	7.9	20.7	137.9	105.7	0	394.1
1940	0	0	0	0	0	0	0	0	17.7	175.9	117.1	0	310.7
1941	0	0	0	0	0	0	0	0	0	24.2	3.3	0	27.5
1942	0	0	0	0	0	0	0	0	0	56.5	3.6	0	60.1
1943	0	0	0	0	0	0	0	0	0	221.1	15.1	0	236.2
1944	0	0	0	0	0	0	0	0	76.9	103.9	99.1	0	279.9
1945	0	0	0	0	0	0	0	0	154.0	76.9	62.1	0	293.0
1946	0	0	0	0	0	0	0	0	53.9	41.9	15.1	0	110.9
1947	0	0	0	0	0	0	0	134.0	171.9	239.9	101.1	0	646.9
1948	0	0	0	0	0	0	0	0	0	120.1	70.1	0	190.2
1949	0	0	0	0	0	0	0	0	189.9	163.9	59.1	0	412.9
1950	0	0	0	0	0	0	0	0	196.0	15.9	56.3	0	268.2
1951	0	0	0	0	0	0	0	0	98.9	201.9	42.6	0	343.3
1952	0	0	0	0	0	0	0	0	0	0	0	0	0
1953	0	0	0	0	0	0	0	0	0	42.5	28.4	0	70.9
1954	0	0	0	0	0	0	0	51.0	28.4	223.9	37.3	0	340.6
1955	0	0	0	0	0	0	0	0	50.9	169.9	90.1	0	310.9
1956	0	0	0	0	0	0	0	0	0	7.3	0	0	7.3
1957	0	0	0	0	0	0	0	0	112.0	36.9	52.3	0	201.2
1958	0	0	0	0	0	0	0	0	0	0	0	0	0
1959	0	0	0	0	0	0	0	0	158.1	268.9	59.1	0	486.1
1960	0	0	0	0	0	0	0	0	85.1	189.9	110.1	0	385.1
1961	0	0	0	0	0	0	0	0	73.1	25.1	29.0	0	127.1
1962	0	0	0	0	0	0	0	0	242.0	98.9	54.1	0	395.0
1963	0	0	0	0	0	0	0	0	0	91.1	70.4	0	161.5
1964	0	0	0	0	0	0	0	0	54.9	194.9	95.1	0	344.9
1965	0	0	0	0	0	0	0	0	0	85.1	0	0	85.1
1966	0	0	0	0	0	0	0	39.0	116.1	190.9	45.1	0	391.1
1967	0	0	0	0	0	0	0	0	0	0	0	0	0
1968	0	0	0	0	0	0	0	0	108.1	155.9	0	0	264.0
1969	0	0	0	0	0	0	0	0	0	3.3	0	0	3.3
1970	0	0	0	0	0	0	0	0	14.4	14.9	4.6	0	33.8
1971	0	0	0	0	0	0	0	0	0	12.3	7.0	0	19.3
1972	0	0	0	0	0	0	0	0	95.1	207.9	33.6	0	336.5
1973	0	0	0	0	0	0	0	0	23.7	62.9	3.3	0	90.0
1974	0	0	0	0	0	0	0	0	0	0	0	0	0
1975	0	0	0	0	0	0	0	0	0	36.6	0	0	36.6
1976	0	0	0	0	0	0	0	1.5	40.3	98.7	13.7	0	154.1
1977	0	0	0	0	164.7	0	19.4	47.6	108.3	16.1	38.4	0	394.5
1978	29.3	0	0	0	0	0	0	0	0	70.1	21.6	0	121.0
1979	0	0	0	0	0	0	0	0	228.9	3.9	70.4	0	303.2
1980	0	0	0	0	0	0	0	0	0	14.2	44.4	0	58.5
1981	0	0	0	0	0	0	0	0	231.1	163.9	38.6	0	433.5
1982	0	0	0	0	0	0	0	0	0	0	0	0	0
1983	0	0	0	0	0	0	0	0	0	0	0	0	0
1984	0	0	0	0	0	0	0	0	51.8	206.1	0	0	258.0
1985	0	0	0	0	0	0	0	30.7	30.8	203.9	32.1	0	297.5
1986	0	0	0	0	0	0	0	0	41.0	293.1	47.3	0	381.5
1987	0	0	0	0	0	0	0	30.9	288.9	221.1	3.1	0	543.9
1988	0	0	0	0	0	0	0	12.0	73.2	165.1	8.1	0	258.4
1989	0	0	0	0	0	0	0	31.0	181.7	132.1	26.2	0	370.9
1990	0	0	0	0	0	0	70.0	0	135.7	148.1	83.6	0	437.4
1991	0	0	0	0	53.7	0	0	0	5.0	52.7	33.3	0	144.7
1992	0	0	0	0	0	0	0	13.6	133.7	27.7	78.5	0	253.5
1993	0	0	0	0	0	0	0	0	0	78.1	7.0	0	85.1
1994	0	0	0	0	0	0	0	0	238.7	17.7	37.6	0	293.9
AVG:	0.4	0	0	0	3.0	0	3.5	8.6	69.1	105.8	39.8	0	230.1
MIN:	0	0	0	0	0	0	0	0	0	0	0	0	0
MAX:	29.3	0	0	0	164.7	0	122.0	134.0	288.9	293.1	117.1	0	646.9

**Alternative 4
Unallocated Water (additional project obligation) (TAF)**

YEAR	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	TOTAL
1922	0	0	0	0	0	0	0	0	0	61.0	27.0	5.9	93.9
1923	0	0	0	0	0	0	0	0	10.9	125.9	145.9	0	282.7
1924	0	0	0	0	0	13.9	19.2	8.8	206.7	135.7	49.2	0	433.5
1925	6.3	0	0	0	0	0	0	0	64.3	132.9	44.1	5.6	253.2
1926	0	0	0	0	0	0	0	95.0	319.3	356.5	86.0	0	856.8
1927	0	0	0	0	0	0	0	0	0	84.3	125.0	0	209.3
1928	0	0	0	0	0	0	0	0	151.1	109.2	111.2	0	371.4
1929	0	0	0	0	0	0	0	0	9.6	156.3	95.8	0	261.8
1930	0	0	0	0	0	0	0	0	18.0	202.3	56.6	0	277.0
1931	0	0	0	0	0	22.2	26.2	29.8	77.7	87.2	34.4	0	277.5
1932	0	0	0	0	0	0	0	0	42.8	53.3	52.5	0	148.6
1933	0	0	0	0	0	0	0	0	150.4	100.5	28.0	0	279.0
1934	0	0	0	0	0	22.0	0	18.6	118.3	114.2	71.7	0	344.8
1935	0	0	0	0	0	0	0	0	0	140.9	88.6	0	229.5
1936	0	0	0	0	0	0	0	0	9.0	237.3	40.5	0	286.8
1937	0	0	0	0	0	0	0	0	80.6	266.4	40.0	0	386.9
1938	0	0	0	0	0	0	0	0	0	0	23.7	0	23.7
1939	0	0	0	0	0	0	54.0	47.0	38.5	240.7	35.0	0	415.2
1940	0	0	0	0	0	0	0	0	18.6	310.3	48.3	0	377.2
1941	0	0	0	0	0	0	0	0	0	65.1	22.0	0	87.1
1942	0	0	0	0	0	0	0	0	0	76.6	20.2	0	96.9
1943	0	0	0	0	0	0	0	0	0	121.3	73.1	0	194.4
1944	0	0	0	0	0	0	0	0	111.2	212.9	1.9	0	325.9
1945	0	0	0	0	0	0	0	0	75.1	224.7	128.5	0	428.3
1946	0	0	0	0	0	0	0	0	79.1	174.3	69.1	0	322.5
1947	0	0	0	0	0	0	0	134.0	85.5	330.6	29.4	0	579.5
1948	0	0	0	0	0	0	0	0	0	32.9	75.1	0	108.0
1949	0	0	0	0	0	0	0	0	83.0	266.1	69.1	0	418.2
1950	0	0	0	0	0	0	0	0	18.5	128.0	14.3	0	160.8
1951	0	0	0	0	0	0	0	0	5.0	326.6	40.6	0	372.1
1952	0	0	0	0	0	0	0	0	0	0	52.1	0	52.1
1953	0	0	0	0	0	0	0	0	0	23.2	71.0	0	94.2
1954	0	0	0	0	0	0	0	33.0	5.5	330.8	39.2	0	408.5
1955	0	0	0	0	0	0	0	0	72.9	281.1	19.5	0	373.5
1956	0	0	0	0	0	0	0	0	0	69.1	35.4	0	104.6
1957	0	0	0	0	0	0	0	0	112.0	166.4	12.5	0	291.0
1958	0	0	0	0	0	0	0	0	0	8.4	37.1	0	45.5
1959	0	0	0	0	0	14.4	0	0	286.5	2.5	87.3	0	390.6
1960	4.0	0	0	0	0	0	0	0	181.8	267.9	32.9	2.0	488.6
1961	0	0	0	0	0	0	0	0	161.1	33.2	69.8	0	264.1
1962	0	0	0	0	0	0	0	0	141.6	252.4	135.4	0	529.4
1963	0	0	0	0	0	0	0	0	0	87.3	50.2	0	137.5
1964	0	0	0	0	0	0	0	0	97.9	301.4	25.2	0	424.5
1965	1.7	0	0	0	0	0	0	0	0	115.3	20.9	0	137.9
1966	0	0	0	0	0	0	0	15.0	245.7	290.7	79.4	0	630.9
1967	0	0	0	0	0	0	0	0	0	0	23.7	0	23.7
1968	0	0	0	0	0	0	0	0	208.4	264.7	17.8	0	490.9
1969	1.7	0	0	0	0	0	0	0	0	0	31.1	0	32.8
1970	0	0	0	0	0	0	0	0	5.6	154.9	5.7	0	166.2
1971	0	0	0	0	0	0	0	0	0	54.9	11.4	0	66.3
1972	0	0	0	0	0	0	0	0	179.1	299.8	5.2	0	484.1
1973	0	0	0	0	0	0	0	0	44.9	215.4	32.0	7.2	299.5
1974	0	0	0	0	0	0	0	0	0	44.5	37.7	0	82.2
1975	0	0	0	0	0	0	0	0	0	43.4	38.7	0	82.1
1976	0	0	0	0	0	0	0	3.6	50.7	111.3	36.2	0	201.7
1977	4.6	0	0	0	165.7	10.2	20.4	49.6	158.3	62.1	43.9	0	514.7
1978	29.3	0	0	0	0	0	0	0	0	65.9	9.6	0	104.9
1979	0	0	0	0	0	0	0	0	27.0	140.0	52.5	0	219.5
1980	0	0	0	0	0	0	0	0	0	14.5	3.0	0	17.5
1981	0	0	0	0	0	0	0	0	333.1	261.6	27.0	0	621.6
1982	0	0	0	0	0	0	0	0	0	0	10.3	0	10.3
1983	0	0	0	0	0	0	0	0	0	0	0	0	0
1984	0	0	0	0	0	0	0	0	69.7	104.9	37.0	0	211.6
1985	0	0	0	0	0	0	0	34.6	47.5	278.0	65.1	0	425.1
1986	0	0	0	0	0	0	0	0	0	105.7	20.1	0	125.7
1987	0	0	0	0	0	0	0	31.4	299.9	321.9	110.2	0	763.4
1988	0	0	0	0	0	0	0	11.0	166.2	261.7	70.6	0	509.5
1989	0	0	0	0	0	0	0	0	89.0	234.5	17.7	0	341.2
1990	0	0	0	0	0	0	31.0	0	49.2	256.1	17.4	0	353.6
1991	3.1	0	0	0	55.8	0	0	0	177.0	65.7	20.8	0	322.3
1992	1.0	0	0	0	0	0	0	33.6	159.9	72.7	11.7	0	278.8
1993	0	0	0	0	0	0	0	0	0	35.2	57.3	0	92.5
1994	0	0	0	0	0	0	0	0	347.5	119.3	26.1	0	492.8
AVG:	0.7	0	0	0	3.0	1.1	2.1	7.5	75.2	146.5	46.0	0.3	282.3
MIN:	0	0	0	0	0	0	0	0	0	0	0	0	0
MAX:	29.3	0	0	0	165.7	22.2	54.0	134.0	347.5	356.5	145.9	7.2	856.8