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BEFORE

CALIFORNIA STATE WATER RESOURCES CONTROL BOARD

CALIFORNIA WATER FIX HEARING

Hearing in the Matter of California
Department of Water Resources' and United
States Bureau of Reclamation's Petition for
Change in Points of Diversion for the Central
Valley Project and the State Water Project

MOTION BY SACRAMENTO VALLEY
WATER USERS TO ADMIT MODELING
RESULTS BY CALIFORNIA
DEPARTMENT OF WATER RESOURCES
INTO EVIDENCE

1 **INTRODUCTION**

2 The Sacramento Valley Water Users group (“SVWU”) moves to admit into evidence
3 the CalSim II modeling results produced by petitioner Department of Water Resources
4 (“DWR”) in response to the hearing officers’ May 21, 2018 ruling. As the hearing officers
5 determined in the May ruling, DWR’s modeling results will aid the hearing team in evaluating
6 the petition and assist all parties’ participation in this hearing. (Ruling dated May 21, 2018,
7 p. 3.) Accordingly, and in order to make it clear those results are evidence on which all parties
8 can rely, those results must be moved into the hearing’s evidentiary record.

9 **BACKGROUND**

10 The hearing officers’ May 21, 2018 ruling summarizes the relevant procedural history.
11 (See Ruling dated May 21, 2018, pp. 2-3.) DWR’s Part 2 testimony relied on the CalSim II
12 modeling it performed for what numerous DWR witnesses have identified as the "adopted
13 project," namely "CWF H3+." However, DWR's case-in-chief testimony presented only small
14 portions of the results from its CalSim II modeling for CWF H3+. After the SVWU served a
15 subpoena for DWR’s modeling results, the hearing officers used their authority under Water
16 Code sections 1701.3 and 1703.5 to direct DWR to serve on other parties the information
17 requested in the SVWU subpoena. (*Id.* at p. 3.) DWR complied with that direction on
18 June 4, 2018 by serving copies of the subject modeling results on the hearing participants.
19 Copies of those results and the transmittal letter by DWR’s attorney are attached as Exhibit A.

20 Although DWR made its modeling results available to all parties, those results have not
21 been formally admitted into the hearing evidentiary record.

22 **ARGUMENT**

23 Good cause exists to admit DWR’s modeling results into the hearing’s evidentiary
24 record. The joint petition filed by DWR and the Department of Interior (“DOI”) has been
25 admitted into the hearing record. (See SWRCB-1 and Ruling dated February 21, 2017.) The
26 hearing officers exercised their authority under Water Code sections 1701.3 and 1703.5 to
27 require DWR to provide additional information – the DWR modeling results – to provide
28 information reasonably necessary to support the petition and the resolution of protests to the

1 petition. Just as the petition is part of the hearing record, so should the modeling results that
2 DWR was required to produce to support the petition.

3 Petitioners relied heavily on DWR's CWF H3+ modeling as the basis for their Part 2
4 testimony. (See Exhibits DWR-1011, p. 2:17 (A. Miller); DWR-1012, p. 6:4-12 (M.
5 Greenwood); DWR-1013-signed, pp. 2:6-3:8, 6:4-15 (R. Wilder); DWR-1014, p. 2:19-20 (C.
6 Earle); DWR-1016, pp. 2:12-13, 3-4, 8:4-12:24 (E. Reyes).) Petitioners have continued that
7 reliance for their Part 2 rebuttal testimony. (See Exhibits DWR-1217, pp. 6:15-11:11 (C.
8 Chilmakuri); DWR-1226, pp. 2:18-6:2 (E. Reyes); DOI-43, pp. 1-24 (N. Parker).) Because
9 DWR alleges its project modeling is foundational evidence for the petition and hearing issues
10 in Part 2, DWR's modeling results must be part of the hearing record.

11 Making DWR's modeling results part of the evidentiary record will assist all parties in
12 cross-examination of DWR's Part 2 rebuttal witnesses. Admitting the modeling results at once
13 will create consistent exhibit numbering and eliminate redundancy by admitting the entire
14 modeling result set at once rather than piecemeal through cross-examination exhibits. It will
15 also prevent undue consumption of time during the hearing by resolving any evidentiary
16 objections in one process.

17 Because DWR prepared the modeling results, the collection of them produced by DWR
18 should be admitted as a DWR exhibit. In the alternative, the collected results could nominally
19 be labeled as an SVWU exhibit, so long as the hearing record is clear that the modeling results
20 were prepared and submitted into the hearing record by DWR.

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CONCLUSION

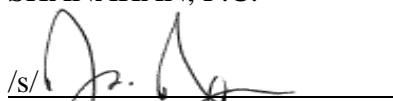
As the hearing officers determined in the May ruling, DWR’s modeling results will aid the hearing team in evaluating the petition and assist all parties’ participation in this hearing. (Ruling dated May 21, 2018, p. 3.) Like the change petition itself, those results should be admitted as an exhibit. Therefore, the hearing officers should order that the modeling results included in Exhibit A are admitted into the hearing record as a DWR exhibit, or, in the alternative, as an SVWU exhibit.

Dated: July 25, 2018

Respectfully submitted,

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Exhibit A

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8 **BEFORE THE**
9 **CALIFORNIA STATE WATER RESOURCES CONTROL BOARD**

10 **HEARING IN THE MATTER OF CALIFORNIA**
11 **DEPARTMENT OF WATER RESOURCES**
12 **AND UNITED STATES BUREAU OF**
13 **RECLAMATION REQUEST FOR A CHANGE**
14 **IN POINT OF DIVERSION FOR CALIFORNIA**
15 **WATER FIX**

DWR RESPONSE TO MAY 21, 2018
STATE WATER BOARD ORDER
REQUIRING PRODUCTION OF
MODELING INFORMATION AS
DESCRIBED IN SUBPOENA FROM
CITY OF FOLSOM, ET AL.

16 On May 21, 2018 the State Water Board overruled DWR's objection to a subpoena
17 filed on April 6, 2018, by the City of Folsom, et al., and ordered DWR to provide the Service
18 List with the information described in the subpoena by June 4, 2018.

19 The City of Folsom's subpoena sought numerical results from Exhibit DWR-1077 for
20 the NAA and CWF H3+ scenarios, as well as comparisons of these two scenarios. The
21 subpoena identified the specific parameters within the results that City of Folsom is
22 interested.

23 DWR is providing with this filing a pdf containing the information sought by City of
24 Folsom. The following list replicates that provided by City of Folsom and includes the page
25 numbers of the attached pdf that correspond with the NAA, CWF H3+ and comparison.

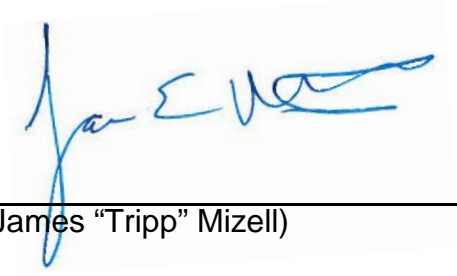
- 26 a. Trinity Reservoir Storage [pp. 1-3]
- 27 b. Shasta Lake Storage [pp. 4-6]
- 28 c. Oroville Reservoir Storage [pp. 7-9]
- d. Folsom Lake Storage [pp. 10-12]

- 1 e. Central Valley Project San Luis Reservoir Storage [pp. 13-15]
- 2 f. State Water Project San Luis Reservoir Storage [pp. 16-18]
- 3 g. Keswick Releases [pp. 19-21]
- 4 h. Nimbus Releases [pp. 22-24]
- 5 i. Feather River Flow at Thermalito [pp. 25-27]
- 6 j. Sacramento River Flow immediately upstream of proposed North Delta
- 7 Diversions [pp. 28-30]
- 8 k. Sacramento River Flow immediately downstream of proposed North Delta
- 9 Diversions [pp. 31-33]
- 10 l. Sacramento River Flow at Rio Vista [pp. 34-36]
- 11 m. Net Delta Outflow [pp. 37-39]
- 12 n. Combined CVP/SWP diversion at proposed North Delta Diversion [pp. 40-42]
- 13 o. Combined CVP/SWP diversions at existing Jones and Banks pumping plants [pp.
- 14 43-45]
- 15 p. Combined CVP/SWP Delta Exports [pp. 46-48]
- 16 q. CVP Deliveries to Settlement Contractors [pp. 49-51]
- 17 r. CVP Deliveries to Sacramento Valley Agricultural Water Service Contractors [pp.
- 18 52-54]
- 19 s. CVP Deliveries to Sacramento Valley Municipal & Industrial Water Service
- 20 Contractors [pp. 55-57]
- 21 t. CVP Deliveries to North of Delta Refuges [pp. 58-60]
- 22 u. CVP Deliveries to Exchange Contractors [pp. 61-63]
- 23 v. CVP Deliveries to South of Delta Agricultural Water Service Contractors [pp. 64-
- 24 66]
- 25 w. CVP Deliveries to South of Delta Municipal and Industrial Water Service
- 26 Contractors [pp. 67-69]
- 27 x. CVP Deliveries to Sough of Delta Refuges [pp. 70-72]
- 28 y. SWP South of Delta Deliveries under Table A of SWP Contracts [pp. 73-75]

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- z. SWP South of Delta Deliveries under Article 21 of SWP Contracts [pp. 76-78]
- aa. SWP South of Delta Deliveries under Article 56 of SWP Contracts [pp. 79-81]
- bb. SWP Deliveries to Feather River Service Area Contractors [pp. 82-84]
- cc. SWP Deliveries to North of Delta Contractors outside of Feather River Service Area [pp. 85-87]

Submitted on June 4, 2018.



(James "Tripp" Mizell)

Table b-3: Change in Shasta Storage in 1,000 acre-feet Under CWF H3+ (CWF H3+ minus NAA)

WY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1922	-32	0	0	0	0	0	0	0	0	-2	-2	116
1923	93	256	255	255	247	242	241	240	235	228	220	218
1924	255	279	278	252	236	180	217	187	123	119	140	63
1925	63	63	69	71	71	71	71	68	13	8	-3	-4
1926	-5	-5	-5	-5	-5	-16	-16	-109	-133	17	-7	30
1927	13	13	13	22	0	3	0	0	-4	107	89	108
1928	138	313	304	295	294	0	0	-1	-74	-43	86	118
1929	75	111	111	111	111	110	109	69	38	106	-55	-72
1930	-95	-115	-115	-77	-77	-83	-83	-83	-59	-34	-22	-22
1931	8	0	0	0	0	-3	-4	-5	-13	46	-45	-2
1932	0	0	0	0	8	20	14	14	1	8	9	8
1933	8	8	8	8	8	-31	-75	-88	-219	-140	0	0
1934	-7	0	0	0	0	0	0	0	-42	-1	0	0
1935	-5	-5	-5	-5	-5	-5	-5	-4	-6	-27	-35	-34
1936	-34	-34	-34	-34	-34	-34	-34	-33	-32	59	58	56
1937	55	54	54	54	54	54	54	53	49	-10	-20	-19
1938	-19	-19	0	0	0	0	0	-2	0	1	-8	-8
1939	-8	82	160	151	151	156	144	123	101	101	272	233
1940	174	234	181	180	0	0	0	-38	-83	-4	-32	-13
1941	-16	46	0	0	0	0	0	0	-2	-63	-73	-41
1942	-41	162	0	0	0	0	0	0	0	-48	-59	-80
1943	29	250	250	0	0	0	0	0	6	6	8	46
1944	62	130	130	78	87	86	85	81	-41	61	12	11
1945	13	13	13	13	13	8	8	7	9	-109	-122	-97
1946	-94	-52	0	0	0	-5	-6	-6	-37	-38	-29	37
1947	111	161	161	133	141	141	139	116	115	46	3	29
1948	29	29	29	29	29	29	29	0	0	-69	-45	-12
1949	-2	31	31	31	31	0	-31	-67	-169	-163	-194	-223
1950	-215	-140	-129	-128	-128	-128	-128	-127	-149	-173	-158	-155
1951	-2	0	0	0	0	0	-19	-19	-93	-63	-61	-25
1952	23	191	0	0	0	0	0	0	0	-7	-35	-60
1953	83	321	0	0	0	0	0	0	0	-28	-37	-36
1954	90	336	380	0	0	0	0	22	-103	-103	-103	-67
1955	9	241	241	241	241	206	177	138	103	94	53	39
1956	76	99	0	0	0	0	0	0	0	-72	-75	-49
1957	34	288	351	351	350	0	24	0	-10	-10	80	158
1958	30	46	0	0	0	0	0	0	0	-60	-28	-16
1959	58	297	328	92	0	0	80	85	-22	-68	-31	81
1960	143	268	268	268	268	262	225	185	152	196	185	208
1961	233	257	228	228	0	0	-64	-67	-154	-126	-79	13
1962	34	61	61	62	0	0	1	5	-63	27	67	73
1963	0	0	0	0	0	0	0	0	-5	-5	-7	-3
1964	45	187	177	123	131	129	131	129	80	-42	-99	-98
1965	-78	-78	0	0	0	0	0	0	-2	-2	-1	96
1966	106	294	278	51	0	0	63	66	-37	-37	85	167
1967	230	230	0	0	0	0	0	0	0	34	14	-37
1968	43	275	301	300	0	0	0	-2	-151	-150	-80	41
1969	90	90	90	0	0	0	0	0	1	-1	-11	0
1970	0	149	0	0	0	0	0	2	-145	-146	-88	-46
1971	-22	-53	0	0	0	0	1	0	3	6	-3	96
1972	189	350	350	360	360	23	-57	-57	-70	0	-32	-34
1973	-15	0	0	0	0	0	-18	-18	-110	-52	-47	20
1974	32	0	0	0	0	0	0	-1	-2	-7	-8	0
1975	136	313	303	294	36	0	0	0	4	-10	-5	-2
1976	0	145	158	130	130	130	127	130	110	85	34	33
1977	32	92	174	89	89	83	114	116	83	70	0	13
1978	0	-8	-8	-8	0	0	0	0	0	-43	-51	3
1979	-11	214	291	291	291	284	284	284	152	138	156	152
1980	152	129	77	0	0	-5	-5	-5	-6	25	24	4
1981	3	224	224	214	214	214	211	205	204	251	187	276
1982	276	3	0	0	0	0	0	0	1	-25	-26	-66
1983	0	0	0	0	0	0	0	0	0	0	0	0
1984	0	0	0	0	0	0	0	0	-98	-98	-184	-183
1985	-85	-85	-75	-58	-58	-59	-27	13	-11	-69	95	121
1986	149	177	177	177	0	0	15	15	14	128	103	57
1987	53	114	114	114	122	122	74	18	-26	4	-92	-62
1988	-39	-37	-37	-37	191	141	130	97	42	155	16	10
1989	-23	-23	-23	-33	-33	-32	-32	-42	-101	21	116	106
1990	133	143	149	149	149	149	148	142	103	186	217	232
1991	201	171	45	45	63	63	63	45	26	14	137	163
1992	117	2	-3	-3	-3	-3	-3	15	16	160	93	23
1993	0	0	16	22	22	30	20	0	0	-9	-194	-27
1994	16	241	235	228	223	222	221	219	250	233	271	270
1995	241	239	239	0	0	0	0	0	0	0	0	-74
1996	-30	244	118	16	0	0	0	0	0	-8	-8	-28
1997	67	288	0	0	0	0	5	-1	3	3	10	97
1998	106	152	152	0	0	0	0	0	0	0	0	0
1999	0	0	0	0	0	0	0	0	-1	91	-8	92
2000	105	172	207	313	0	0	1	-4	-82	-73	-45	56
2001	160	388	453	453	444	434	389	335	166	220	154	177
2002	192	215	0	0	0	5	-30	-68	-189	-186	-138	-144
2003	-133	-120	0	0	0	0	0	0	0	-61	-25	43

Table c-3: Change in Oroville Storage in 1,000 acre-feet Under CWF H3+ (CWF H3+ minus NAA)

WY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1922	0	0	0	0	0	0	0	0	0	7	226	439
1923	439	439	440	440	444	444	444	443	547	461	377	656
1924	574	568	569	570	571	542	507	506	488	356	258	250
1925	233	206	191	181	181	181	181	182	273	265	171	261
1926	180	180	221	181	222	162	162	250	224	150	120	100
1927	83	60	12	34	0	0	0	0	-24	-6	13	228
1928	227	200	200	201	201	0	0	-4	-200	-199	14	186
1929	84	104	104	104	104	73	65	64	94	93	83	81
1930	81	80	81	81	81	81	80	77	9	96	42	229
1931	107	146	146	139	107	147	123	101	115	124	133	134
1932	52	51	17	17	13	17	18	17	-2	377	232	143
1933	136	140	139	140	140	140	100	100	140	138	111	39
1934	39	28	11	19	22	22	-3	-3	-3	-3	0	0
1935	0	0	0	0	0	0	-1	-1	-90	-30	132	374
1936	188	228	228	228	228	228	227	227	34	8	235	501
1937	500	413	294	288	328	328	328	327	389	305	332	252
1938	185	120	143	136	0	0	0	0	0	-68	-196	-195
1939	-195	-195	-177	-177	-177	-177	-179	-183	-180	-142	-128	-127
1940	-105	-74	-55	-52	-52	0	0	-1	-50	-51	45	263
1941	260	211	250	250	0	0	0	0	0	-94	-260	-261
1942	-262	-263	-264	0	0	0	0	0	0	-90	119	355
1943	352	351	351	0	0	0	0	0	64	64	-46	128
1944	129	129	25	25	25	25	25	8	116	178	129	129
1945	109	84	65	17	57	57	57	57	-61	-125	41	54
1946	94	94	94	94	93	93	93	92	-149	-62	206	429
1947	314	284	285	289	326	326	326	344	295	45	64	64
1948	64	64	64	24	64	64	64	64	64	-11	-24	221
1949	69	109	109	110	110	110	110	109	191	293	154	191
1950	146	86	46	33	33	33	33	31	-267	-335	-220	83
1951	85	86	37	0	0	0	0	0	-235	-159	25	283
1952	282	283	283	183	0	0	0	0	0	-72	-228	-233
1953	-233	-233	-233	0	-1	0	0	0	0	94	343	567
1954	564	563	568	568	569	254	0	25	-162	-122	-204	29
1955	30	15	30	30	30	30	30	30	35	142	43	82
1956	60	33	21	0	0	0	0	0	0	-68	-137	104
1957	103	103	118	119	119	119	119	119	29	22	62	281
1958	241	245	285	286	0	0	0	0	0	-95	-294	-112
1959	-112	-112	-40	-41	-40	-41	-41	-66	-76	-76	-69	-29
1960	-44	-45	-45	-45	-45	-45	-48	-47	-45	65	6	2
1961	2	2	3	3	2	2	2	12	5	1	43	37
1962	38	37	36	37	37	36	36	37	-49	-71	-201	73
1963	73	73	73	73	0	0	0	0	-197	-191	-340	-351
1964	-241	-325	-304	-338	-338	-338	-374	-364	-360	20	16	17
1965	18	18	18	0	0	0	0	0	-193	-124	111	354
1966	352	352	352	352	353	353	353	361	197	197	107	115
1967	125	104	88	86	85	0	0	0	0	-76	-225	-230
1968	-232	-233	-150	-151	-151	0	0	-10	-221	-118	106	355
1969	239	238	238	0	0	0	0	0	0	-28	-206	-210
1970	-210	-210	-211	0	0	0	0	0	-253	-121	128	348
1971	163	200	200	199	198	0	0	0	-40	-95	54	300
1972	300	300	300	301	301	301	301	339	345	296	349	349
1973	349	350	351	351	0	0	0	0	-218	-68	156	371
1974	381	375	0	0	0	0	0	0	-279	-147	97	332
1975	330	335	347	348	349	0	0	0	0	-67	-230	35
1976	75	81	182	182	182	182	182	160	160	271	120	84
1977	82	85	85	85	85	85	18	18	18	18	18	18
1978	18	18	18	18	18	0	0	0	-1	-116	-272	-418
1979	-419	-323	-73	-114	-114	-114	-113	-113	-313	-225	-266	-21
1980	-20	-8	-19	-19	0	0	0	0	0	-111	-263	-83
1981	-83	-83	13	13	13	12	12	11	-35	51	51	51
1982	52	52	0	0	0	0	0	0	0	-142	-307	-387
1983	-422	-422	-176	0	0	0	0	0	0	0	0	0
1984	3	0	0	0	0	0	0	0	-124	-124	-102	128
1985	128	127	128	128	128	128	128	132	89	70	0	1
1986	2	3	3	3	3	0	0	0	-1	-2	-148	28
1987	27	11	34	34	34	34	34	53	0	10	-16	-16
1988	-13	-13	-13	-13	46	57	57	84	82	81	126	125
1989	101	76	31	28	46	46	46	38	-43	-120	-233	24
1990	18	5	0	0	0	0	-20	-20	-12	0	30	30
1991	30	30	27	27	45	19	45	45	100	11	24	24
1992	0	-23	-42	-50	-10	-50	-50	-46	-52	-52	-46	-55
1993	-38	28	29	29	28	0	0	0	0	-45	-184	-308
1994	-310	-311	-161	-161	-162	-162	-162	-161	-161	0	-10	-14
1995	-14	-14	-14	-14	0	0	0	0	0	0	-108	-119
1996	-119	-120	-120	0	0	0	0	0	0	-32	-137	93
1997	92	91	0	0	0	0	0	38	-207	-286	-34	196
1998	196	196	196	197	0	0	0	0	0	0	-4	-130
1999	-130	0	0	0	0	0	0	-1	-275	-145	64	333
2000	331	347	334	335	232	0	0	0	-195	-194	43	245
2001	244	244	23	63	63	63	63	89	115	152	151	150
2002	114	65	26	23	23	23	22	22	-202	-149	-70	-103
2003	-81	-53	-40	-33	-34	0	0	0	-176	-177	-309	-421

Table d-1: Folsom Storage in 1,000 acre-feet Under No Action Alternative (NAA)

WY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1922	409	362	420	431	567	662	792	967	967	830	774	526
1923	445	396	567	567	564	643	792	967	960	733	667	629
1924	538	482	426	361	418	405	432	438	381	339	306	273
1925	285	325	392	454	567	656	792	967	783	572	521	484
1926	431	390	374	327	481	595	792	736	550	392	358	358
1927	318	494	567	565	553	647	792	967	960	689	611	499
1928	449	478	497	499	515	635	785	880	770	459	416	380
1929	322	305	297	261	275	326	393	461	433	357	315	294
1930	264	260	463	567	567	659	792	833	669	444	423	410
1931	320	311	264	222	200	269	310	339	329	291	184	94
1932	90	94	213	314	567	664	784	967	961	910	792	666
1933	595	522	477	423	382	399	363	408	288	255	90	90
1934	90	98	212	319	410	536	502	349	307	135	90	90
1935	90	144	188	297	392	474	792	967	967	860	751	711
1936	592	567	540	567	562	651	792	967	967	728	683	653
1937	545	491	457	417	567	664	792	967	941	691	638	592
1938	541	547	567	567	567	662	792	967	967	925	792	752
1939	592	474	446	395	369	484	570	548	466	225	191	205
1940	215	220	235	567	557	626	792	967	873	597	484	396
1941	346	349	567	567	566	658	792	967	967	869	792	569
1942	516	402	567	564	556	650	792	967	967	865	792	547
1943	468	409	567	556	529	625	792	923	915	651	582	437
1944	379	345	313	285	336	477	546	664	557	426	365	324
1945	296	410	527	559	558	656	792	967	872	622	564	501
1946	473	567	567	564	558	649	792	967	875	586	484	397
1947	345	399	446	410	473	651	756	687	538	377	361	358
1948	347	351	343	427	429	439	792	967	961	850	710	671
1949	598	556	542	486	479	644	792	953	827	614	546	505
1950	446	413	376	567	565	658	792	967	967	758	681	639
1951	592	449	367	384	407	599	792	962	878	576	505	430
1952	356	412	567	567	566	661	792	967	967	942	792	627
1953	563	460	533	566	560	629	792	967	967	834	722	606
1954	495	441	432	446	532	656	792	851	770	458	421	385
1955	327	313	404	476	495	538	621	750	671	511	447	406
1956	350	332	524	460	458	616	792	967	967	842	785	718
1957	521	412	400	364	541	652	732	954	940	668	602	549
1958	512	505	561	567	557	656	792	967	967	917	792	723
1959	564	453	416	457	567	660	723	729	678	351	308	321
1960	280	245	219	223	512	654	696	738	693	522	447	423
1961	360	352	356	304	311	360	417	456	416	201	170	182
1962	179	209	248	253	567	664	792	910	899	608	508	468
1963	707	567	567	544	499	629	792	967	967	702	634	592
1964	469	502	538	567	567	566	633	694	621	475	422	381
1965	330	366	428	425	443	612	792	967	967	741	708	533
1966	474	497	523	553	563	661	792	805	743	422	397	398
1967	350	426	567	563	552	636	792	967	967	934	792	600
1968	575	481	485	513	547	640	736	762	699	380	372	374
1969	331	381	508	543	527	637	792	967	967	937	792	592
1970	577	496	567	453	446	611	686	743	681	398	350	270
1971	256	426	567	567	558	648	792	951	967	783	723	550
1972	496	400	472	493	567	646	734	809	726	461	417	386
1973	342	403	558	559	555	652	792	967	799	520	465	437
1974	404	567	567	505	499	622	792	967	967	817	773	592
1975	544	446	445	442	567	662	792	967	957	835	787	700
1976	592	532	534	469	421	428	427	437	411	382	359	332
1977	308	283	239	224	207	185	158	145	111	90	90	90
1978	90	94	239	567	567	657	792	967	967	718	643	561
1979	493	418	388	474	567	657	792	967	717	570	503	465
1980	438	482	552	481	457	621	792	967	967	800	734	592
1981	538	437	420	423	425	563	641	640	542	411	377	370
1982	358	546	433	459	402	590	792	967	967	905	792	667
1983	712	565	565	556	543	628	792	967	967	942	792	752
1984	712	472	406	427	458	615	767	967	877	611	548	403
1985	373	510	567	545	567	662	792	821	579	371	347	348
1986	308	353	496	551	440	593	792	946	906	639	580	437
1987	414	393	387	361	410	525	569	530	441	365	312	306
1988	270	264	335	442	449	475	503	483	431	371	318	294
1989	258	351	417	448	502	642	782	776	576	401	344	324
1990	329	375	402	448	478	590	663	668	561	424	370	362
1991	294	259	215	200	190	332	431	500	443	173	180	176
1992	190	134	185	206	403	534	600	484	230	190	90	90
1993	90	90	219	567	553	637	792	967	967	809	747	595
1994	537	459	448	384	388	437	497	530	475	338	291	255
1995	233	274	407	546	530	618	792	967	967	942	792	633
1996	581	450	566	557	494	621	792	967	967	783	720	543
1997	421	360	512	370	394	591	747	858	794	528	467	324
1998	283	298	348	567	555	646	792	967	967	936	792	744
1999	655	567	567	560	560	654	788	967	967	704	655	527
2000	450	394	363	535	558	656	792	920	835	536	485	456
2001	413	395	403	379	402	518	602	600	506	420	370	375
2002	358	412	567	567	563	655	792	865	755	587	520	481
2003	421	405	567	562	551	632	792	967	933	665	617	533

Data extracted from DWR 500 by using MBK script
 Key: CalSim Arc = S8

Table d-2: Folsom Storage in 1,000 acre-feet Under CWF H3+

WY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1922	401	353	411	422	567	662	792	967	967	746	691	504
1923	457	452	567	567	567	646	792	967	960	733	539	501
1924	444	388	335	270	324	328	356	368	356	335	314	303
1925	314	356	424	485	567	656	792	967	762	573	521	484
1926	430	388	372	325	479	552	792	712	533	408	342	341
1927	307	489	567	565	553	647	792	967	960	731	589	529
1928	478	526	545	547	563	635	784	880	749	521	472	394
1929	337	315	301	261	271	320	384	451	426	353	313	295
1930	264	260	463	567	567	659	792	833	592	412	391	377
1931	313	311	276	244	229	298	337	366	339	303	90	90
1932	90	90	202	303	561	664	784	967	878	645	585	538
1933	476	399	355	301	263	334	340	389	365	300	90	90
1934	90	90	211	318	409	526	491	339	304	132	90	90
1935	90	144	188	297	392	474	792	967	852	593	544	504
1936	461	436	409	567	562	651	792	967	967	728	592	562
1937	504	450	416	374	567	664	792	967	793	586	534	495
1938	444	451	567	567	567	662	792	967	967	863	734	682
1939	591	494	466	414	389	504	597	571	485	200	171	185
1940	195	216	230	567	557	626	792	967	815	578	471	394
1941	343	346	567	567	566	658	792	967	967	859	792	558
1942	502	452	567	564	556	650	792	967	967	834	694	523
1943	466	469	567	556	529	625	792	925	917	667	596	450
1944	393	353	321	291	340	479	546	661	536	430	369	327
1945	298	410	526	557	558	656	792	967	775	581	523	485
1946	457	557	567	564	558	649	792	967	750	461	402	365
1947	313	375	433	407	478	655	760	695	547	327	311	308
1948	317	340	352	453	458	467	792	967	959	825	692	646
1949	586	554	539	483	476	640	792	967	778	586	531	491
1950	432	403	370	567	565	658	792	967	926	661	592	550
1951	529	449	367	384	407	599	792	962	793	558	469	425
1952	374	430	567	567	566	661	792	967	967	890	771	609
1953	569	537	567	566	560	629	792	967	967	788	718	592
1954	520	503	494	508	567	656	792	851	770	592	554	505
1955	444	411	480	532	541	566	633	745	677	524	460	418
1956	363	342	524	460	458	616	792	967	967	815	749	690
1957	569	480	476	440	563	652	733	955	888	702	638	592
1958	556	549	567	567	557	656	792	967	967	906	781	686
1959	596	524	487	528	567	660	738	745	685	422	377	385
1960	326	272	220	203	474	654	739	780	562	470	438	432
1961	369	361	364	312	318	368	424	463	421	166	135	148
1962	144	175	214	219	567	664	792	911	817	612	551	511
1963	712	567	567	544	499	629	792	967	897	674	613	578
1964	502	567	567	567	567	567	634	695	641	427	379	339
1965	302	354	428	425	443	612	792	967	943	731	699	559
1966	503	526	553	567	567	661	792	811	672	507	451	453
1967	404	478	567	563	552	636	792	967	967	881	763	590
1968	564	544	559	567	547	640	736	761	576	381	373	375
1969	331	381	507	543	527	637	792	967	967	835	766	592
1970	577	542	567	453	446	611	686	743	649	430	381	350
1971	310	449	567	567	558	648	792	951	967	802	727	576
1972	528	484	555	567	567	646	734	809	726	514	469	438
1973	392	447	564	559	555	652	792	967	767	543	489	461
1974	427	567	567	505	499	622	792	967	945	814	770	592
1975	544	506	505	502	567	662	792	967	957	832	783	685
1976	592	567	567	502	453	461	460	469	442	412	389	362
1977	338	309	268	229	211	188	162	149	114	90	90	90
1978	90	94	239	567	567	657	792	967	967	709	634	562
1979	494	457	428	513	567	657	792	967	707	581	525	487
1980	460	498	562	481	457	621	792	967	967	744	664	551
1981	497	444	427	430	432	570	646	645	352	166	165	181
1982	205	546	433	459	402	590	792	967	967	905	792	631
1983	712	565	565	556	543	628	792	967	967	942	792	752
1984	712	472	406	427	458	615	767	967	822	556	493	360
1985	334	481	567	562	567	662	792	789	577	405	361	362
1986	317	356	493	551	440	593	792	946	906	639	580	453
1987	429	411	402	375	422	537	580	533	437	365	312	307
1988	270	264	335	441	450	475	502	482	429	370	316	293
1989	257	350	416	447	501	642	781	770	557	409	351	330
1990	332	376	399	443	470	582	656	661	559	435	381	372
1991	300	261	213	198	188	329	428	497	481	392	332	270
1992	271	300	257	252	448	580	645	512	224	184	153	128
1993	90	90	221	567	553	637	792	967	967	728	666	583
1994	525	478	466	401	405	454	513	546	496	256	229	213
1995	209	250	382	546	530	618	792	967	967	942	792	611
1996	574	504	567	557	494	621	792	967	967	780	717	536
1997	442	443	512	370	394	591	748	861	671	401	345	315
1998	278	294	348	567	555	646	792	967	967	936	792	712
1999	665	567	567	560	560	654	788	967	962	699	651	552
2000	477	424	393	564	558	656	792	920	811	512	462	433
2001	390	393	400	376	399	514	598	602	377	319	271	280
2002	264	310	508	567	563	655	792	864	701	523	475	437
2003	376	400	567	562	551	631	792	967	933	665	614	550

Data extracted from DWR 1077 for CWF H3+ by using MBK script
 Key: CalSim Arc = S8

Table d-3: Change in Folsom Storage in 1,000 acre-feet Under CWF H3+ (CWF H3+ minus NAA)

WY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1922	-9	-9	-9	-9	0	0	0	0	0	-84	-84	-22
1923	12	56	0	0	3	3	0	0	0	0	-128	-127
1924	-94	-94	-91	-91	-93	-76	-76	-70	-25	-4	8	30
1925	30	32	32	32	0	0	0	0	-21	2	1	0
1926	-1	-1	-1	-2	-2	-43	0	-24	-17	16	-16	-17
1927	-11	-5	0	0	0	0	0	0	0	42	-22	30
1928	29	48	48	48	48	0	0	0	-21	62	56	14
1929	14	10	4	0	-4	-6	-8	-11	-7	-4	-2	1
1930	0	0	-1	0	0	0	0	0	-77	-32	-32	-32
1931	-7	1	12	22	29	29	28	27	10	12	-94	-4
1932	0	-4	-11	-11	-6	0	0	0	-82	-265	-207	-128
1933	-120	-122	-122	-122	-119	-64	-24	-18	77	45	0	0
1934	0	-8	-1	-1	-1	-11	-10	-10	-3	-3	0	0
1935	0	0	0	0	0	0	0	0	-115	-267	-207	-207
1936	-131	-131	-130	0	0	0	0	0	0	0	-91	-91
1937	-41	-41	-41	-43	0	0	0	0	-147	-105	-104	-97
1938	-97	-96	0	0	0	0	0	0	0	-62	-58	-70
1939	-1	20	20	20	20	20	27	23	18	-25	-21	-20
1940	-20	-4	-4	0	0	0	0	0	-57	-18	-13	-1
1941	-2	-3	0	0	0	0	0	0	0	-11	0	-11
1942	-14	50	0	0	0	0	0	0	0	-31	-98	-24
1943	-2	60	0	0	0	0	0	1	2	16	14	13
1944	13	9	8	6	4	2	0	-3	-20	4	4	3
1945	2	0	-1	-2	0	0	0	0	-97	-41	-41	-16
1946	-16	-10	0	0	0	0	0	0	-126	-125	-83	-32
1947	-32	-24	-12	-3	5	5	4	8	9	-50	-50	-50
1948	-30	-11	9	26	29	28	0	0	-1	-25	-18	-25
1949	-12	-2	-3	-3	-4	-4	0	14	-49	-28	-14	-14
1950	-14	-10	-6	0	0	0	0	0	-41	-97	-89	-90
1951	-63	0	0	0	0	0	0	0	-85	-18	-36	-6
1952	18	18	0	0	0	0	0	0	0	-52	-21	-17
1953	6	77	34	0	0	0	0	0	0	-46	-4	-14
1954	25	62	62	62	34	0	0	0	0	134	133	120
1955	117	98	76	56	46	29	12	-6	6	13	13	12
1956	12	10	0	0	0	0	0	0	0	-26	-36	-29
1957	48	69	76	76	22	0	1	1	-52	34	36	43
1958	44	44	6	0	0	0	0	0	0	-11	-11	-36
1959	32	71	71	71	0	0	15	16	8	72	70	65
1960	46	27	1	-20	-37	0	43	42	-131	-51	-8	9
1961	9	9	8	8	8	7	7	7	5	-35	-35	-35
1962	-35	-34	-34	-34	0	0	0	1	-82	4	43	43
1963	5	0	0	0	0	0	0	0	-70	-29	-21	-14
1964	34	65	29	0	0	0	1	1	20	-48	-43	-42
1965	-28	-12	0	0	0	0	0	0	-24	-9	-9	26
1966	29	30	30	14	4	0	0	6	-71	85	54	55
1967	54	52	0	0	0	0	0	0	0	-53	-29	-11
1968	-11	63	74	54	0	0	0	-1	-123	1	1	0
1969	0	0	0	0	0	0	0	0	0	-102	-26	0
1970	0	46	0	0	0	0	0	0	-32	33	31	80
1971	54	23	0	0	0	0	0	0	0	20	4	26
1972	31	84	84	74	0	0	0	0	0	52	52	52
1973	49	44	6	0	0	0	0	0	-32	24	24	23
1974	23	0	0	0	0	0	0	0	-22	-3	-3	0
1975	0	60	60	60	0	0	0	0	0	-4	-4	-15
1976	0	35	33	33	33	33	32	32	31	31	30	30
1977	29	27	29	5	4	4	4	3	3	0	0	0
1978	0	0	0	0	0	0	0	0	0	-9	-9	1
1979	1	39	39	39	0	0	0	0	-10	11	23	22
1980	22	16	10	0	0	0	0	0	0	-56	-70	-41
1981	-41	7	7	7	7	7	6	5	-190	-245	-212	-190
1982	-153	0	0	0	0	0	0	0	0	0	0	-37
1983	0	0	0	0	0	0	0	0	0	0	0	0
1984	0	0	0	0	0	0	0	0	-55	-55	-55	-43
1985	-39	-29	0	17	0	0	0	-33	-2	34	14	14
1986	8	3	-3	0	0	0	0	0	0	0	0	16
1987	16	18	15	13	12	12	12	3	-4	0	0	0
1988	0	0	0	0	1	0	0	-1	-2	-2	-1	-1
1989	-1	-1	-1	-1	-1	0	-1	-6	-20	8	7	6
1990	3	0	-3	-5	-7	-7	-7	-7	-1	12	11	11
1991	6	2	-2	-2	-2	-2	-3	-4	38	219	152	93
1992	82	166	71	46	46	45	45	27	-6	-7	63	38
1993	0	0	2	0	0	0	0	0	0	-80	-82	-12
1994	-12	19	18	17	17	17	17	16	21	-82	-62	-41
1995	-24	-24	-24	0	0	0	0	0	0	0	0	-22
1996	-8	54	1	0	0	0	0	0	0	-3	-3	-8
1997	21	83	0	0	0	0	2	3	-124	-127	-122	-9
1998	-4	-5	0	0	0	0	0	0	0	0	0	-32
1999	11	0	0	0	0	0	0	0	-5	-5	-5	25
2000	27	31	31	29	0	0	0	0	-24	-24	-23	-23
2001	-23	-3	-3	-3	-3	-3	-4	2	-129	-101	-99	-94
2002	-94	-102	-59	0	0	0	0	-2	-55	-63	-45	-44
2003	-45	-5	0	0	0	-1	0	0	0	0	-2	17

Table e-1: CVP San Luis Storage in 1,000 acre-feet Under No Action Alternative (NAA)

WY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1922	235	290	467	548	589	759	686	559	496	298	180	179
1923	179	294	469	639	735	802	706	539	464	372	227	285
1924	315	366	435	601	595	565	537	455	300	195	278	325
1925	372	398	554	723	769	844	746	557	397	302	155	210
1926	236	322	416	531	508	503	493	380	214	178	86	90
1927	121	321	506	615	785	864	743	543	383	219	143	143
1928	162	324	531	654	678	769	669	486	310	137	106	116
1929	116	115	290	417	507	522	469	372	224	173	55	81
1930	163	257	380	488	575	627	582	490	352	270	134	137
1931	159	197	301	471	545	530	491	437	303	176	93	128
1932	166	233	483	669	848	848	795	692	588	421	414	523
1933	550	607	728	901	972	972	921	835	701	569	679	719
1934	743	803	949	972	972	972	869	771	616	465	322	267
1935	247	386	577	757	881	941	972	972	848	626	505	524
1936	619	666	849	934	972	972	937	863	776	642	488	525
1937	547	595	761	895	972	972	972	951	827	676	559	611
1938	648	835	972	972	972	972	958	931	838	600	403	417
1939	416	344	513	583	611	578	483	321	47	45	96	104
1940	156	230	252	335	462	643	580	476	317	77	51	114
1941	114	166	384	570	767	956	886	754	598	344	186	208
1942	208	367	562	738	881	972	809	655	536	274	110	137
1943	212	367	509	683	823	972	931	808	631	268	162	162
1944	162	255	417	526	617	673	611	501	358	274	140	152
1945	201	380	621	797	972	972	864	728	531	447	345	380
1946	390	486	707	888	972	972	853	655	378	147	53	103
1947	163	135	335	454	507	484	426	294	149	107	95	55
1948	67	210	349	426	433	486	412	261	149	90	92	143
1949	270	367	553	694	806	797	686	507	291	264	121	121
1950	183	367	537	597	650	746	662	518	369	280	218	301
1951	377	580	824	972	972	972	836	610	323	45	45	96
1952	160	249	402	582	762	931	879	771	679	402	206	222
1953	235	367	544	579	630	740	623	435	218	130	91	159
1954	183	367	550	599	645	716	601	420	249	45	45	116
1955	173	346	562	706	797	798	709	559	315	311	102	121
1956	145	263	504	747	972	972	872	685	479	231	77	107
1957	197	358	536	616	551	588	486	322	145	45	45	97
1958	199	367	531	623	774	972	964	820	707	400	204	219
1959	235	367	544	539	531	610	505	338	66	45	45	100
1960	124	248	315	447	473	515	429	287	117	98	45	90
1961	120	240	375	525	541	572	473	313	45	45	55	94
1962	143	203	302	454	552	650	547	372	185	111	93	114
1963	234	417	570	648	754	834	708	505	349	172	113	145
1964	144	287	485	607	685	727	685	550	324	307	128	104
1965	127	213	403	650	869	972	876	651	473	273	182	159
1966	181	352	553	701	796	865	733	526	262	136	71	141
1967	167	275	438	584	702	878	846	733	641	491	294	302
1968	235	367	544	614	587	672	566	388	169	99	76	111
1969	136	267	484	712	972	972	966	938	845	695	497	432
1970	352	367	509	671	798	948	825	626	386	167	114	132
1971	124	90	260	381	469	555	458	300	169	116	92	92
1972	183	367	590	724	733	747	655	518	335	280	147	145
1973	183	372	546	665	831	953	812	677	473	318	231	156
1974	160	332	505	680	777	929	811	662	508	331	228	169
1975	183	367	565	669	720	865	735	527	375	247	180	229
1976	293	367	574	687	788	808	755	670	471	294	129	112
1977	155	291	412	500	525	499	461	388	233	129	47	45
1978	100	137	206	358	603	813	779	674	534	310	139	163
1979	217	367	549	667	766	959	879	822	642	535	509	525
1980	568	697	919	972	972	972	909	789	689	533	428	272
1981	238	367	565	669	705	750	632	442	202	45	45	123
1982	222	402	558	717	908	972	972	881	732	445	249	264
1983	346	532	725	923	972	972	972	945	946	795	663	725
1984	883	972	972	972	972	972	816	569	264	45	45	85
1985	182	347	541	640	704	746	643	452	213	92	125	187
1986	214	356	528	580	770	972	972	908	869	650	595	431
1987	354	306	438	558	577	640	567	443	306	225	91	90
1988	226	359	506	611	603	560	504	402	225	198	79	45
1989	104	151	293	433	480	450	371	232	45	53	45	112
1990	90	139	203	341	456	416	359	257	76	90	87	45
1991	79	142	168	236	229	216	171	88	45	90	45	45
1992	79	152	153	307	358	406	349	246	63	45	45	45
1993	96	113	258	428	647	822	769	641	539	399	172	218
1994	183	367	572	676	730	756	657	491	197	109	47	68
1995	92	180	292	414	557	749	701	685	610	481	302	315
1996	224	367	495	540	653	846	736	588	416	191	55	91
1997	184	367	572	756	907	972	884	743	482	154	63	114
1998	90	45	246	337	507	677	624	519	429	282	88	105
1999	187	342	487	594	688	832	704	502	356	173	115	136
2000	178	356	534	586	748	915	787	591	373	45	45	100
2001	168	335	503	621	656	711	640	502	351	269	146	90
2002	203	312	501	616	734	744	631	460	220	128	59	123
2003	152	304	470	578	671	740	623	435	358	97	60	121

Data extracted from DWR 500 by using MBK script
Key: CalSim Arc = S11

Table e-2: CVP San Luis Storage in 1,000 acre-feet Under CWF H3+

WY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1922	148	203	380	447	541	696	629	611	558	378	273	92
1923	90	90	208	381	478	565	471	310	69	45	47	110
1924	142	194	264	409	444	444	419	363	238	162	235	276
1925	314	341	517	721	916	888	784	573	477	309	161	209
1926	242	324	414	572	700	700	678	643	503	296	191	141
1927	158	289	499	715	915	972	839	622	464	300	200	90
1928	90	103	303	466	593	750	650	466	415	256	96	90
1929	90	90	273	384	510	553	511	452	321	187	269	296
1930	401	514	696	905	972	929	879	807	727	568	452	456
1931	446	482	573	777	882	860	816	756	633	487	527	554
1932	522	603	827	972	972	940	883	780	783	784	731	760
1933	791	849	972	972	972	945	895	808	709	576	688	640
1934	644	720	896	972	972	927	869	771	653	501	360	305
1935	300	485	582	811	957	972	972	972	960	889	776	795
1936	814	861	972	972	972	972	938	865	809	604	550	592
1937	612	661	814	960	972	972	972	949	972	830	719	762
1938	787	972	972	972	972	972	972	972	879	641	444	458
1939	388	316	444	372	401	339	276	151	45	105	90	111
1940	186	290	333	539	762	923	972	799	619	337	147	90
1941	90	90	288	453	610	811	956	812	592	313	138	90
1942	90	90	281	428	544	655	526	421	299	135	123	90
1943	90	90	249	450	600	807	777	668	383	246	166	90
1944	90	90	265	242	377	540	476	363	359	186	193	201
1945	236	436	652	868	972	972	862	717	637	558	462	495
1946	503	575	795	972	972	928	814	623	512	321	173	90
1947	90	90	293	380	470	427	365	245	88	140	173	129
1948	120	242	359	464	464	603	519	350	321	260	244	320
1949	440	490	655	778	876	972	852	659	615	515	400	420
1950	435	505	639	731	869	812	730	589	543	513	498	583
1951	495	699	944	972	972	972	836	610	493	256	130	90
1952	90	90	268	434	661	837	949	972	880	602	405	420
1953	267	194	371	494	569	703	590	408	359	281	250	270
1954	154	110	272	436	581	715	599	418	359	170	90	90
1955	90	116	332	517	611	660	594	464	250	233	103	132
1956	105	171	412	680	972	972	872	685	532	283	129	158
1957	90	90	217	150	113	69	32	0	38	90	176	148
1958	292	449	669	924	972	972	972	828	734	427	230	245
1959	135	90	267	213	288	324	250	128	45	86	90	125
1960	131	164	277	433	622	573	508	365	383	198	90	90
1961	90	261	379	561	742	908	794	614	383	314	279	216
1962	241	203	336	475	618	537	446	290	275	243	158	185
1963	310	498	721	876	972	972	972	724	556	348	218	198
1964	90	108	301	286	347	404	337	213	45	130	164	140
1965	162	332	539	788	972	972	872	647	527	367	276	101
1966	90	131	333	384	504	437	350	210	180	135	90	90
1967	90	259	465	679	893	972	972	972	880	728	530	544
1968	395	352	529	512	595	749	634	444	449	249	138	109
1969	131	282	480	701	972	972	972	879	728	530	429	429
1970	350	277	417	578	705	859	740	547	521	292	197	90
1971	90	90	303	484	608	527	434	280	246	223	230	90
1972	90	90	315	305	448	378	343	240	131	132	90	98
1973	123	315	522	826	972	972	829	690	614	337	246	90
1974	90	261	463	706	846	972	972	795	693	460	317	212
1975	90	90	279	218	316	467	379	234	208	201	224	311
1976	379	358	586	596	720	774	720	614	443	284	216	192
1977	234	284	348	547	567	543	503	448	333	232	274	219
1978	318	371	454	688	931	972	926	804	606	347	151	90
1979	90	90	232	324	407	567	489	427	409	264	254	278
1980	330	518	718	957	972	972	908	787	630	471	365	184
1981	155	98	295	452	566	703	595	412	378	234	198	163
1982	255	437	652	955	972	972	972	881	787	499	303	317
1983	398	584	918	972	972	972	972	972	972	902	769	844
1984	972	972	972	972	972	972	816	569	366	162	74	90
1985	90	220	414	379	452	524	444	289	102	77	90	133
1986	146	272	473	668	879	972	972	907	769	562	505	342
1987	272	224	359	351	486	504	504	404	322	197	249	211
1988	346	479	678	896	907	857	794	710	564	388	432	389
1989	464	496	643	785	836	972	881	724	574	348	246	297
1990	254	289	344	513	628	609	552	452	303	216	205	146
1991	229	330	475	541	567	745	693	600	472	312	214	243
1992	304	385	490	672	853	972	914	809	656	489	445	388
1993	490	622	804	972	972	972	903	752	667	478	368	186
1994	100	90	287	367	480	487	398	277	45	154	90	106
1995	149	245	409	616	797	972	972	879	729	533	547	547
1996	394	322	447	569	677	867	755	604	235	45	45	90
1997	90	90	294	476	626	833	761	643	554	387	327	162
1998	90	90	299	475	659	819	931	972	880	729	532	546
1999	627	781	969	972	972	972	830	605	496	333	242	90
2000	90	90	183	149	298	474	393	267	266	152	133	90
2001	90	90	221	387	553	698	628	505	470	247	247	153
2002	234	319	521	747	867	894	764	570	472	302	227	283
2003	310	418	576	746	892	791	669	472	393	224	174	90

Data extracted from DWR 1077 for CWF H3+ by using MBK script
 Key: CalSim Arc = S11

Table e-3: Change in CVP San Luis Storage in 1,000 acre-feet Under CWF H3+ (CWF H3+ minus NAA)

WY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1922	-87	-87	-87	-101	-48	-64	-57	51	61	80	93	-87
1923	-89	-204	-262	-258	-257	-237	-235	-229	-396	-327	-180	-176
1924	-173	-172	-171	-192	-151	-121	-117	-92	-62	-33	-42	-49
1925	-58	-57	-37	-2	148	44	38	15	81	8	6	-1
1926	6	2	-3	41	192	196	185	264	289	118	105	51
1927	37	-31	-6	100	130	108	96	79	81	81	57	-53
1928	-72	-221	-228	-188	-85	-20	-19	-19	105	119	-10	-26
1929	-26	-25	-18	-33	3	32	43	80	97	14	214	215
1930	238	257	316	417	397	302	297	317	376	299	318	319
1931	287	285	272	306	338	330	325	319	330	311	434	426
1932	356	371	344	303	124	92	88	88	195	362	317	237
1933	240	243	244	71	0	-27	-27	-27	8	8	8	-79
1934	-98	-83	-52	0	0	0	0	0	36	36	38	38
1935	53	99	5	54	75	31	0	0	112	263	271	271
1936	196	195	123	38	0	0	1	2	32	-37	63	67
1937	66	66	53	65	0	0	0	-2	145	154	160	151
1938	139	137	0	0	0	0	14	41	41	41	41	41
1939	-28	-28	-69	-211	-211	-240	-207	-170	-2	60	-6	7
1940	30	60	81	204	300	279	392	323	302	260	96	-24
1941	-24	-76	-96	-117	-157	-146	70	58	-6	-31	-48	-118
1942	-118	-277	-281	-310	-337	-317	-284	-234	-237	-138	13	-47
1943	-122	-277	-260	-233	-223	-165	-155	-140	-248	-23	4	-72
1944	-72	-165	-152	-284	-240	-133	-135	-138	1	-88	53	49
1945	36	56	31	71	0	0	-2	-11	106	111	117	115
1946	113	89	89	84	0	-44	-39	-32	134	174	120	-13
1947	-73	-45	-43	-74	-38	-58	-61	-48	-61	33	78	74
1948	52	32	10	38	31	117	107	88	172	170	152	177
1949	170	123	102	85	71	175	166	152	323	250	279	299
1950	252	139	102	134	220	67	68	71	174	233	280	282
1951	118	119	120	0	0	0	0	0	170	211	85	-6
1952	-70	-159	-134	-148	-101	-94	69	201	201	200	199	198
1953	32	-172	-172	-85	-61	-37	-33	-27	141	151	159	111
1954	-30	-257	-278	-163	-64	-2	-2	-1	110	125	45	-26
1955	-83	-230	-230	-189	-186	-137	-114	-95	-66	-78	1	12
1956	-40	-91	-93	-67	0	0	0	0	53	53	52	51
1957	-107	-268	-319	-466	-439	-519	-454	-322	-107	45	131	52
1958	93	82	138	301	198	0	8	8	27	27	27	26
1959	-100	-277	-277	-325	-242	-286	-255	-210	-21	41	45	25
1960	7	-84	-37	-15	148	58	78	78	267	100	45	0
1961	-30	21	5	36	201	336	321	301	338	269	224	122
1962	98	0	34	20	66	-113	-101	-83	91	131	65	71
1963	76	80	151	228	218	138	264	218	207	176	105	52
1964	-54	-179	-185	-321	-338	-323	-348	-337	-279	-177	36	36
1965	36	119	135	139	103	0	-4	-4	55	94	94	-58
1966	-91	-221	-221	-317	-292	-428	-383	-315	-82	-1	19	-51
1967	-77	-15	27	95	191	94	126	239	238	237	236	242
1968	160	-14	-14	-102	8	76	68	56	279	150	62	-2
1969	-4	15	-4	-11	0	0	6	34	34	34	34	-3
1970	-3	-89	-93	-93	-92	-89	-85	-78	135	125	83	-42
1971	-34	0	42	103	138	-27	-24	-20	77	106	139	-2
1972	-93	-277	-275	-418	-285	-369	-311	-278	-205	-148	-57	-47
1973	-60	-56	-24	161	141	19	17	14	140	19	15	-66
1974	-70	-70	-42	26	69	43	161	133	185	129	89	43
1975	-93	-277	-286	-451	-404	-398	-356	-293	-167	-46	43	82
1976	86	-9	12	-91	-69	-34	-35	-56	-28	-10	87	81
1977	79	-7	-64	48	42	44	42	60	100	103	227	174
1978	219	233	248	329	328	159	147	130	73	37	12	-73
1979	-127	-277	-317	-342	-359	-392	-390	-395	-232	-271	-255	-248
1980	-237	-179	-201	-15	0	0	-1	-3	-59	-61	-63	-88
1981	-82	-269	-269	-217	-139	-48	-36	-30	176	189	153	40
1982	33	35	95	238	64	0	0	0	54	54	54	52
1983	52	52	193	49	0	0	0	27	26	106	106	120
1984	89	0	0	0	0	0	0	0	101	117	29	5
1985	-92	-127	-127	-261	-252	-222	-199	-164	-111	-15	-35	-53
1986	-68	-84	-55	88	109	0	0	-1	-100	-88	-89	-90
1987	-83	-83	-79	-207	-91	-136	-63	-39	16	-29	158	121
1988	120	119	171	285	304	298	290	308	339	190	354	344
1989	359	345	350	353	356	522	510	492	529	295	201	185
1990	164	151	141	171	172	193	192	194	226	126	117	101
1991	150	187	307	305	338	529	521	512	427	222	169	198
1992	225	233	337	364	496	566	565	563	593	444	400	343
1993	394	508	546	544	325	150	134	111	127	79	197	-32
1994	-83	-277	-285	-309	-250	-269	-259	-214	-152	45	43	37
1995	57	65	117	202	239	223	271	287	269	247	231	232
1996	170	-45	-48	30	23	21	19	16	-181	-146	-10	-1
1997	-94	-277	-278	-280	-282	-139	-123	-100	72	233	264	48
1998	0	45	53	138	152	142	307	453	450	447	444	441
1999	439	439	482	378	284	140	125	104	141	159	127	-46
2000	-88	-266	-351	-437	-451	-441	-394	-325	-108	107	88	-10
2001	-78	-245	-282	-235	-103	-12	-12	3	119	-23	101	63
2002	32	7	20	131	133	150	134	111	252	173	168	160
2003	158	114	106	167	222	51	45	37	35	127	114	-31

Table f-1: SWP San Luis Storage in 1,000 acre-feet Under No Action Alternative (NAA)

WY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1922	55	55	228	428	585	718	550	314	275	328	368	433
1923	314	201	233	399	469	582	497	347	153	181	209	266
1924	226	230	249	400	455	440	418	352	247	116	55	55
1925	95	225	347	535	604	769	773	689	582	626	495	530
1926	514	606	743	929	987	960	1009	947	788	685	491	328
1927	221	443	502	634	828	875	719	477	284	343	396	489
1928	484	598	817	938	980	1067	906	619	341	312	303	345
1929	148	55	118	275	412	472	507	438	322	193	78	55
1930	55	61	168	304	423	531	525	440	348	491	457	582
1931	546	600	635	824	923	935	901	772	568	309	69	55
1932	55	55	196	397	592	771	763	679	508	689	523	454
1933	453	538	612	803	1043	1067	1067	1006	781	502	211	55
1934	55	55	55	389	589	631	605	520	387	217	65	55
1935	66	195	359	560	704	815	818	632	482	510	460	509
1936	396	331	322	367	768	943	768	517	277	337	381	463
1937	508	447	480	497	888	1067	956	800	783	683	529	342
1938	247	414	629	916	1067	1067	988	1018	966	919	875	851
1939	652	389	506	596	674	685	664	562	357	201	55	55
1940	55	55	59	206	381	690	601	403	228	185	174	231
1941	167	119	183	373	710	982	807	606	459	465	469	478
1942	306	86	106	293	465	628	490	294	195	278	344	432
1943	359	204	239	555	731	1029	833	555	278	190	176	179
1944	55	55	55	247	438	553	543	443	381	534	317	277
1945	281	439	785	981	1067	1067	895	627	373	405	436	324
1946	299	268	332	422	563	791	659	446	234	238	263	337
1947	275	243	481	623	732	749	735	670	536	432	181	108
1948	208	321	384	497	519	631	623	403	207	220	232	279
1949	185	155	169	313	444	499	497	442	400	402	302	347
1950	343	428	524	646	771	932	765	534	296	344	256	322
1951	393	562	817	1067	1067	1067	931	676	418	382	384	462
1952	394	471	480	565	687	953	866	648	530	466	425	424
1953	235	55	143	234	381	560	469	331	137	169	202	257
1954	155	55	242	358	477	633	529	363	194	139	152	206
1955	165	225	457	651	803	880	929	862	653	545	332	294
1956	292	385	663	1067	1067	1067	888	610	424	429	430	457
1957	294	55	217	330	324	423	349	247	99	175	293	420
1958	596	686	781	923	1067	1067	937	642	448	393	339	334
1959	157	55	129	213	314	454	367	242	55	91	123	102
1960	55	55	55	243	335	441	403	337	207	359	251	203
1961	194	316	415	607	673	781	752	654	437	424	198	143
1962	71	106	158	310	470	640	537	368	132	169	189	244
1963	393	580	597	612	665	771	655	456	285	315	374	463
1964	433	547	682	822	930	1000	892	779	528	594	264	100
1965	55	55	137	460	676	805	687	460	253	304	351	433
1966	308	419	661	822	873	904	743	522	295	336	318	189
1967	87	79	159	325	419	594	464	276	270	258	252	278
1968	136	55	154	300	365	513	430	300	109	154	194	277
1969	278	335	600	1045	1067	1067	993	1029	1005	998	948	944
1970	764	472	400	697	801	925	768	536	315	400	456	549
1971	345	526	561	574	612	703	608	427	267	262	311	381
1972	300	128	373	518	551	630	686	640	501	624	634	568
1973	661	934	1048	1067	1067	1067	909	651	453	483	497	567
1974	628	778	795	842	875	949	804	568	374	448	505	604
1975	544	345	572	687	771	887	728	484	297	366	418	507
1976	526	317	531	646	738	795	806	690	505	568	412	332
1977	312	354	395	530	606	611	587	507	366	201	55	55
1978	55	74	193	361	652	803	711	556	358	327	301	309
1979	192	55	161	337	519	792	701	576	405	442	198	260
1980	273	313	566	1067	1067	1067	909	630	396	377	342	345
1981	242	55	164	306	399	516	491	388	258	389	186	130
1982	130	419	541	665	1024	1067	1067	845	604	557	513	511
1983	565	637	799	1067	1067	1067	1067	1067	1067	1067	999	1016
1984	989	1067	1067	1067	1067	890	610	338	318	312	354	354
1985	284	416	595	697	789	882	732	507	261	304	55	55
1986	55	55	55	170	624	915	765	510	290	297	272	289
1987	178	55	55	241	342	463	439	451	377	256	149	146
1988	95	106	260	394	396	459	468	431	328	239	123	104
1989	55	231	422	631	669	698	590	398	276	294	78	118
1990	170	75	55	228	379	396	372	337	221	233	119	120
1991	99	134	131	224	226	262	269	232	202	120	55	55
1992	55	55	55	231	307	416	416	351	239	107	55	55
1993	55	64	171	358	553	716	599	407	265	299	323	383
1994	341	213	439	587	703	766	722	635	418	367	137	115
1995	57	93	161	341	452	763	598	609	516	463	434	441
1996	273	55	55	207	605	851	665	408	114	149	175	237
1997	67	55	174	526	840	1067	894	602	323	237	248	308
1998	175	70	259	348	641	901	718	468	403	346	300	299
1999	125	196	99	221	577	768	643	438	244	287	327	398
2000	306	128	356	434	697	915	740	491	304	277	316	399
2001	289	189	242	369	436	542	583	571	512	374	261	314
2002	245	381	572	718	874	975	808	593	341	390	95	55
2003	55	55	55	214	371	525	433	295	55	55	90	148

Data extracted from DWR 500 by using MBK script
 Key: CalSim Arc = S12

Table f-2: SWP San Luis Storage in 1,000 acre-feet Under CWF H3+

WY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1922	55	55	182	312	610	751	579	667	775	811	623	466
1923	343	223	591	603	620	659	578	408	118	283	415	280
1924	301	322	353	454	476	476	476	412	311	183	68	55
1925	138	317	435	607	853	851	803	669	449	451	348	234
1926	234	281	380	551	763	763	814	665	548	530	363	245
1927	168	246	382	763	1067	1067	893	614	490	538	545	381
1928	353	462	553	676	873	1067	906	625	557	579	365	230
1929	139	55	109	205	301	350	375	314	218	105	55	55
1930	55	55	152	274	506	843	772	645	570	545	465	316
1931	317	322	307	481	568	568	568	488	364	205	63	55
1932	120	156	350	733	1067	1067	1035	915	694	425	324	230
1933	230	263	290	685	965	1037	1061	996	771	492	196	55
1934	55	55	56	365	594	613	613	527	392	219	67	55
1935	74	303	365	685	808	1067	1067	846	737	660	424	230
1936	233	130	147	667	1067	1067	905	631	517	597	397	230
1937	253	217	355	378	818	1067	918	714	602	571	385	230
1938	202	387	739	1067	1067	1067	1067	1067	1067	1067	1067	1042
1939	844	583	685	590	621	608	608	525	355	237	55	55
1940	55	55	203	415	943	1067	1067	771	568	561	441	230
1941	114	55	346	789	1067	1067	1067	829	462	523	649	626
1942	420	157	446	693	894	1009	835	586	579	680	463	255
1943	130	55	55	625	949	1067	905	641	286	304	409	230
1944	88	55	67	69	282	389	386	293	152	246	157	141
1945	175	572	707	885	1067	1067	870	584	428	525	390	230
1946	209	466	826	1067	1067	998	834	593	612	580	363	230
1947	246	220	407	461	520	503	482	400	311	411	177	96
1948	193	303	363	463	485	584	578	382	289	375	415	260
1949	282	259	325	434	534	844	830	730	535	304	273	253
1950	235	321	405	511	784	782	679	529	551	643	437	272
1951	358	719	1067	1067	1067	1067	932	676	653	588	417	230
1952	170	246	565	967	1067	1067	1067	1067	1067	1067	1067	1067
1953	875	615	738	907	1015	1056	890	646	639	592	394	230
1954	116	55	164	164	461	467	373	235	273	277	403	245
1955	244	318	540	721	860	903	929	846	639	423	280	241
1956	254	459	958	1067	1067	1067	891	614	296	371	440	230
1957	71	55	102	102	129	126	99	55	55	189	297	230
1958	508	603	795	1067	1067	1067	1067	781	655	715	783	591
1959	415	148	176	176	533	533	443	312	55	134	206	125
1960	55	55	55	196	387	386	386	314	196	272	236	210
1961	210	471	590	769	1067	1067	1010	890	644	529	224	92
1962	55	84	93	244	636	572	471	324	158	267	442	261
1963	604	902	1067	1067	1067	1067	1067	782	734	771	930	982
1964	824	916	1025	975	1015	1049	1016	909	693	421	177	69
1965	55	218	673	1067	1067	1067	935	669	598	609	402	230
1966	95	184	385	385	665	665	565	418	377	416	420	260
1967	188	368	746	956	1067	1067	1067	1067	1067	1067	1067	1067
1968	887	650	677	581	957	1067	910	654	602	566	365	250
1969	305	376	560	1055	1067	1067	1067	1067	1067	1067	1067	1067
1970	887	594	660	1026	1067	1067	912	645	646	607	384	245
1971	167	328	705	728	728	705	614	432	407	493	403	230
1972	158	55	199	190	240	229	263	205	78	310	291	258
1973	370	826	1061	1067	1067	1067	912	656	681	586	377	230
1974	291	605	974	1067	1067	1067	1067	788	749	672	437	242
1975	139	55	93	93	146	534	444	289	139	241	435	230
1976	230	55	230	237	364	431	450	370	220	212	262	246
1977	249	305	366	482	554	561	538	465	337	187	55	55
1978	55	81	235	751	1067	1067	978	803	405	466	577	724
1979	583	361	215	287	584	584	510	378	472	485	359	255
1980	336	618	689	1067	1067	1067	908	628	234	327	439	265
1981	162	55	64	232	456	467	459	362	280	327	134	87
1982	103	559	1062	1067	1067	1067	1067	849	502	600	722	805
1983	940	1067	1067	1067	1067	1067	1067	1067	1067	1067	1067	1067
1984	1067	1067	1067	1067	1067	1067	891	592	444	455	423	230
1985	162	424	575	490	534	606	526	392	228	318	81	55
1986	55	87	113	219	730	1067	923	648	261	315	413	230
1987	108	55	55	58	153	153	153	139	110	55	55	55
1988	55	55	61	389	530	540	548	474	355	207	84	55
1989	55	209	360	581	627	795	660	437	330	457	375	258
1990	299	198	94	237	328	306	303	268	148	131	55	55
1991	55	61	55	146	148	245	253	213	128	128	55	55
1992	55	70	85	244	305	393	392	325	222	93	55	55
1993	55	55	80	670	1067	1067	892	620	406	494	664	855
1994	794	631	728	767	873	884	852	748	538	344	115	84
1995	55	77	127	694	911	1067	1067	1067	1067	1067	1067	1067
1996	878	591	570	639	974	1067	885	600	271	338	435	230
1997	55	55	310	697	1031	1067	889	615	579	638	398	245
1998	124	55	142	325	710	1067	1067	1067	1067	1067	1067	1067
1999	900	1067	1067	1067	1067	1067	921	662	646	600	426	230
2000	127	55	186	186	653	989	799	533	530	567	372	230
2001	117	55	230	286	455	628	656	601	461	293	171	202
2002	146	376	825	1067	1067	1067	894	652	603	580	289	105
2003	55	55	55	575	964	882	718	473	358	434	644	839

Data extracted from DWR 1077 for CWF H3+ by using MBK script
 Key: CalSim Arc = S12

Table f-3: Change in SWP San Luis Storage in 1,000 acre-feet Under CWF H3+ (CWF H3+ minus NAA)

WY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1922	0	0	-46	-116	24	32	29	353	500	483	255	33
1923	29	23	358	205	151	77	81	60	-35	103	206	13
1924	75	93	104	54	21	36	59	60	64	67	13	0
1925	43	92	88	72	248	81	30	-21	-134	-174	-147	-297
1926	-280	-324	-362	-377	-224	-197	-195	-282	-240	-155	-129	-83
1927	-53	-197	-120	130	239	192	174	137	205	195	149	-108
1928	-131	-136	-264	-262	-107	0	0	6	216	267	61	-115
1929	-9	0	-9	-70	-111	-122	-132	-124	-103	-88	-23	0
1930	0	-6	-16	-29	83	312	246	205	223	54	9	-266
1931	-229	-278	-328	-343	-355	-368	-333	-284	-204	-104	-6	0
1932	65	101	153	336	475	296	272	236	186	-264	-199	-224
1933	-222	-275	-322	-118	-78	-30	-6	-10	-10	-10	-15	0
1934	0	0	1	-24	5	-17	8	7	5	2	2	0
1935	8	109	5	125	104	252	249	215	254	150	-36	-279
1936	-163	-201	-175	300	299	124	137	114	240	260	15	-233
1937	-255	-230	-125	-119	-71	0	-38	-86	-181	-112	-144	-112
1938	-45	-28	111	151	0	0	79	49	101	148	192	191
1939	192	193	179	-6	-53	-77	-56	-37	-2	35	0	0
1940	0	0	144	209	562	377	466	368	340	376	268	-1
1941	-53	-64	162	416	357	85	260	223	3	58	180	148
1942	113	72	339	401	429	381	345	292	384	402	119	-177
1943	-229	-149	-184	70	218	38	72	86	8	113	233	51
1944	33	0	12	-178	-156	-164	-157	-149	-229	-289	-159	-136
1945	-105	134	-78	-96	0	0	-25	-44	55	120	-46	-94
1946	-90	198	494	645	504	207	176	147	378	342	99	-107
1947	-29	-23	-74	-162	-213	-246	-252	-270	-225	-21	-4	-12
1948	-15	-18	-21	-34	-34	-47	-45	-20	82	154	182	-18
1949	97	104	156	122	89	345	333	288	135	-98	-30	-94
1950	-108	-107	-119	-135	13	-149	-86	-5	255	300	181	-49
1951	-35	157	250	0	0	0	1	1	235	206	32	-232
1952	-224	-226	84	402	380	114	201	419	537	601	642	643
1953	639	560	595	672	635	496	421	315	502	423	192	-27
1954	-39	0	-77	-193	-17	-166	-156	-127	79	138	251	39
1955	79	93	83	70	57	23	-1	-15	-15	-122	-52	-53
1956	-38	74	295	0	0	0	3	4	-128	-58	11	-227
1957	-224	0	-115	-228	-195	-296	-250	-192	-44	14	5	-190
1958	-89	-83	14	144	0	0	130	138	207	322	445	257
1959	258	93	47	-37	218	79	76	69	0	43	83	23
1960	0	0	0	-47	52	-55	-17	-23	-12	-87	-14	7
1961	16	155	176	162	394	286	258	236	207	105	25	-51
1962	-16	-22	-65	-65	166	-69	-65	-44	26	98	253	17
1963	211	322	470	455	402	296	412	325	449	455	555	520
1964	391	369	343	153	85	48	124	129	164	-173	-87	-31
1965	0	162	536	607	391	262	249	208	345	305	51	-203
1966	-214	-235	-276	-437	-208	-238	-178	-103	82	80	102	71
1967	101	289	587	632	648	473	603	791	797	809	815	789
1968	752	595	523	281	592	554	480	354	493	412	171	-27
1969	28	42	-40	10	0	0	74	38	62	69	119	123
1970	123	123	260	329	266	142	144	108	331	206	-72	-305
1971	-178	-198	144	154	116	2	6	5	140	230	92	-151
1972	-141	-73	-174	-328	-311	-401	-423	-435	-424	-314	-342	-309
1973	-291	-108	13	0	0	0	3	6	228	103	-120	-337
1974	-337	-172	179	225	192	118	263	219	375	225	-69	-361
1975	-404	-290	-479	-594	-624	-353	-284	-195	-158	-125	17	-277
1976	-296	-262	-301	-409	-374	-364	-355	-319	-285	-356	-150	-85
1977	-63	-48	-29	-49	-52	-51	-49	-42	-30	-15	0	0
1978	0	7	42	391	415	264	267	247	48	139	277	415
1979	392	306	54	-50	66	-208	-191	-198	67	44	161	-5
1980	63	305	122	0	0	0	-1	-2	-162	-51	98	-80
1981	-81	0	-99	-74	57	-49	-32	-26	22	-62	-52	-43
1982	-27	140	521	402	43	0	0	4	-102	43	208	294
1983	375	430	268	0	0	0	0	0	0	0	68	51
1984	78	0	0	0	0	0	1	-18	106	137	111	-124
1985	-122	7	-21	-206	-256	-276	-206	-115	-33	14	26	0
1986	0	32	58	49	107	152	158	138	-30	18	141	-59
1987	-70	0	0	-183	-189	-311	-287	-312	-267	-201	-94	-91
1988	-40	-51	-199	-5	134	81	80	42	27	-32	-39	-49
1989	0	-22	-62	-50	-42	97	70	39	53	163	297	141
1990	128	123	39	9	-51	-90	-69	-69	-72	-102	-64	-65
1991	-44	-73	-76	-79	-79	-18	-16	-19	-74	8	0	0
1992	0	15	30	14	-3	-23	-24	-26	-17	-14	0	0
1993	0	-9	-90	312	514	351	293	213	140	195	341	472
1994	453	419	289	180	170	118	129	113	121	-23	-23	-31
1995	-2	-16	-34	353	459	304	469	458	551	604	633	626
1996	605	536	515	431	369	216	220	192	157	189	260	-7
1997	-12	0	137	171	191	0	-5	13	256	401	150	-63
1998	-51	-15	-116	-23	69	166	349	599	664	721	767	768
1999	776	871	968	846	490	299	278	223	402	314	99	-168
2000	-179	-73	-169	-248	-44	74	59	42	226	290	57	-169
2001	-172	-134	-12	-83	19	86	73	30	-51	-81	-90	-112
2002	-99	-5	253	349	193	92	86	59	262	189	194	50
2003	0	0	0	361	593	358	285	178	303	379	554	691

Table g-3: Change in Keswick Releases in cfs Under CWF H3+ (CWF H3+ minus NAA)

WY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1922	516	-2130	0	0	0	0	7	-7	2	26	2	-1979
1923	374	-2741	0	0	0	0	0	27	29	-22	125	11
1924	-102	-5	3	0	0	905	60	487	1056	62	-367	343
1925	2	0	0	0	0	0	0	48	912	86	179	17
1926	14	-7	0	0	0	0	0	1513	915	-1441	-437	-624
1927	271	0	0	0	404	0	53	0	68	-889	289	-319
1928	-498	-2951	0	0	0	4784	0	14	1235	0	-2108	-633
1929	-128	-950	0	0	0	0	15	654	510	-1114	2627	286
1930	370	339	0	0	0	0	-5	2	-199	-402	100	13
1931	-489	119	0	0	0	0	12	26	124	120	-36	1327
1932	-1103	0	0	0	0	0	-4	-3	66	-235	-17	2
1933	0	-1	0	0	0	636	746	219	2206	-427	-666	-1774
1934	-502	-116	0	0	0	0	-2	-2	720	37	-351	-4
1935	75	0	0	0	0	0	0	-3	33	345	126	-10
1936	-8	0	0	0	0	0	0	-9	-11	-1478	10	31
1937	15	7	0	0	0	0	0	9	52	950	173	-21
1938	0	0	-306	0	0	0	0	-3	-3	-3	134	5
1939	-6	-1511	-1265	0	0	0	246	148	359	0	-2800	-146
1940	34	288	0	0	3134	0	0	626	759	-1282	695	-309
1941	46	-1047	754	0	0	0	0	0	-2	1023	165	-522
1942	-11	-3398	1044	0	0	0	0	0	0	792	178	-160
1943	-1283	-3707	0	3470	0	0	0	0	-94	0	-35	-651
1944	-251	-3070	0	0	0	0	16	70	2050	-759	1422	19
1945	-35	0	0	0	0	0	5	10	-27	1919	221	-418
1946	-46	-604	-845	0	0	0	6	6	513	23	-148	-1109
1947	-1204	-959	0	41	0	0	25	367	20	858	703	22
1948	0	0	0	0	0	0	6	468	0	1129	-377	404
1949	-290	-569	0	0	0	510	518	585	2278	-77	507	509
1950	-128	-1257	-186	0	0	0	0	-14	386	398	-224	-46
1951	-2262	-36	0	0	0	0	-7	-10	1246	0	-27	-598
1952	-785	-2824	3107	0	0	-495	-90	0	0	111	452	428
1953	-2321	-4512	5521	0	0	0	-4	3	0	450	154	-18
1954	-2047	-4133	-719	6174	0	0	0	-366	2114	0	8	-596
1955	-1233	-3911	0	0	0	0	491	631	569	147	914	232
1956	-605	0	1616	0	0	0	0	0	-4	1172	62	9
1957	-1355	-4264	-1238	0	0	5696	-406	392	121	0	-208	-1316
1958	1329	-971	749	13	0	0	0	0	0	972	-511	-57
1959	-1080	-4532	-647	4204	1659	0	-300	-79	2275	0	-968	-2896
1960	-999	-2118	0	0	0	0	613	641	722	-724	-335	-395
1961	-419	0	364	0	4100	0	1078	41	1620	0	-489	-1535
1962	-347	-446	0	-16	1108	0	-23	-58	1136	0	-912	-102
1963	1191	0	0	0	-1460	0	0	0	53	0	32	0
1964	-782	-2388	0	0	0	0	-23	14	828	669	1992	-7
1965	166	0	-1261	0	0	0	0	-5	41	0	-13	-1631
1966	-671	-3162	0	3603	911	0	-604	-56	1513	0	-2947	-1886
1967	-535	0	3734	0	366	613	0	0	0	56	323	859
1968	-1308	-3901	-418	0	3829	0	-4	50	2052	0	-1140	-1022
1969	-805	0	0	1462	0	0	0	-538	-22	32	166	-182
1970	0	-2501	2418	0	0	0	-3	-34	3054	34	-951	-696
1971	-578	117	-857	0	0	0	-10	9	-14	-4	145	-1663
1972	-1562	-2897	0	0	0	5479	1342	8	743	0	517	42
1973	-316	-246	0	0	0	-604	0	-2	1554	-448	-71	-1126
1974	-197	537	0	0	0	0	0	15	20	83	14	-135
1975	-2209	-3481	0	0	4549	579	0	0	-110	266	-73	-54
1976	-33	-2433	-214	0	0	0	41	34	428	479	834	10
1977	-34	-1436	-977	1376	0	91	-525	-31	551	186	1138	-814
1978	706	404	0	0	-137	0	0	0	-3	706	138	-921
1979	239	-3784	-1263	0	0	0	0	-10	2200	217	-312	61
1980	0	285	835	1257	0	0	0	0	4	7	6	337
1981	19	-3711	0	0	0	0	33	98	0	0	-31	-1514
1982	0	4480	52	0	0	0	0	-4	-4	410	20	680
1983	-792	0	0	0	0	0	0	0	0	0	0	0
1984	0	0	0	0	0	0	-2	-2	1654	0	1411	0
1985	-1596	0	0	0	0	0	-524	-654	302	146	-2667	-671
1986	-502	-492	0	0	3190	0	0	-1	3	-2022	-103	773
1987	65	-1031	0	0	0	0	803	910	731	-488	2319	-500
1988	-55	-22	0	0	-3863	806	182	524	915	-1846	2262	99
1989	540	0	0	0	0	0	0	164	986	-2977	-1807	166
1990	-433	-180	-100	0	0	0	2	0	645	-1360	-527	-269
1991	747	597	2049	0	-328	0	0	287	323	202	-2019	-441
1992	726	1901	615	0	0	0	0	-292	-23	-2346	222	-1097
1993	180	2118	0	0	0	0	0	319	0	198	2518	-2161
1994	-685	-3785	0	0	0	0	17	12	180	261	-632	0
1995	458	29	0	3882	0	0	0	0	0	-5	730	501
1996	-718	-4612	2048	1658	286	0	0	0	2	126	2	344
1997	-1045	-3725	4683	0	0	0	-103	84	-65	0	-112	-1470
1998	-1022	-913	0	2474	0	0	0	0	0	0	0	0
1999	0	0	0	0	0	0	0	0	15	0	365	-1684
2000	-718	-3938	-1339	0	5431	0	-22	86	1307	-141	-458	-1684
2001	-1699	-4683	-1063	0	0	0	590	849	453	-897	1893	-390
2002	73	0	3501	0	100	0	591	622	2048	757	-17	119
2003	-175	-219	-1950	0	0	0	0	0	-2	1003	-594	-1140

Table h-3: Change in Nimbus Releases in cfs Under CWF H3+ (CWF H3+ minus NAA)

WY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1922	142	0	0	0	-156	0	0	0	0	1371	0	-1027
1923	-554	-745	911	0	-62	0	58	0	0	0	2090	0
1924	-539	0	0	0	0	-276	-6	-81	-756	-339	-191	-413
1925	0	0	0	0	568	0	0	-13	329	-375	0	0
1926	0	0	0	0	0	653	-734	373	-143	-563	504	0
1927	-113	-113	-87	-9	-10	0	0	0	0	-688	1044	-867
1928	0	-311	0	0	0	776	7	0	354	-1365	98	700
1929	0	68	92	78	67	33	33	33	-68	-48	-48	-48
1930	6	6	6	-13	-2	0	-2	0	1284	-711	0	0
1931	-404	-136	-186	-158	-134	-1	0	0	268	-79	1837	-1345
1932	-186	176	0	0	-86	-105	-1	0	1388	2990	-934	-1313
1933	-122	45	0	0	0	-931	-680	-81	-1645	498	768	0
1934	0	256	-233	0	0	159	-1	-1	-116	-11	-44	-1
1935	61	0	0	0	0	0	0	0	1930	2494	-943	10
1936	-1222	-11	0	-2121	0	0	0	0	0	0	1485	0
1937	-807	0	0	43	-778	-2	0	0	2481	-676	0	-112
1938	0	-10	-1560	0	0	0	0	0	0	1007	-56	204
1939	-1120	-348	0	0	0	0	-134	65	80	707	-68	-2
1940	0	-268	0	-67	0	-16	-29	-32	924	-668	-114	-229
1941	0	-6	-64	-15	-16	0	0	0	0	172	-165	184
1942	45	-1078	814	0	0	0	0	0	0	510	1087	-1245
1943	-347	-1038	969	0	0	10	14	0	0	-193	50	33
1944	0	51	52	44	38	38	38	38	290	-401	0	0
1945	23	23	23	23	-47	0	0	0	1636	-901	0	-420
1946	0	-97	-164	0	0	-3	-1	-1	2113	0	-679	-842
1947	0	-138	-188	-160	-136	0	0	-62	-36	955	0	0
1948	-325	-325	-325	-276	-56	0	466	-16	0	368	-136	97
1949	-222	-169	0	0	0	0	-63	-226	1053	-328	-228	0
1950	0	-65	-68	-97	0	-1	3	4	698	912	-118	34
1951	-430	-1057	2	2	2	2	3	0	1432	-1079	295	-498
1952	-380	0	292	1	1	0	0	0	0	841	-491	-63
1953	-377	-1191	693	553	0	0	1	0	0	754	-685	160
1954	-622	-635	0	0	501	561	0	0	0	-2185	0	207
1955	0	329	385	327	180	278	278	278	-199	-122	0	0
1956	0	34	163	-2	-2	0	0	0	0	430	153	-116
1957	-1252	-343	-122	0	974	356	0	0	923	-1393	-12	-116
1958	0	0	631	96	7	-7	0	0	0	184	0	424
1959	-1109	-658	0	0	1275	5	-247	0	154	-1035	0	0
1960	343	400	420	357	304	-615	-734	0	2898	-1290	-708	-310
1961	0	0	0	0	0	0	0	0	29	667	6	0
1962	0	0	0	0	-619	0	13	0	1417	-1382	-619	0
1963	620	95	6	6	7	0	0	0	1182	-671	-115	-120
1964	-776	-522	577	473	0	0	0	0	-306	1110	-72	0
1965	-231	-263	-186	3	4	0	0	0	410	-242	0	-596
1966	-47	-9	0	260	173	78	26	-72	1322	-2500	523	0
1967	0	69	864	12	13	0	0	0	0	860	-378	-312
1968	0	-1244	-167	310	947	0	0	0	2055	-2014	0	0
1969	0	2	3	-10	-3	0	0	0	0	1660	-1230	-433
1970	0	-776	750	0	0	0	0	0	537	-1048	0	-915
1971	522	522	372	0	0	-7	3	0	6	-318	258	-373
1972	-80	-880	0	158	1285	0	0	0	0	-853	0	0
1973	0	124	613	102	0	-1	0	0	536	-903	0	0
1974	0	392	0	0	0	0	0	0	372	-315	0	-44
1975	0	-1002	0	0	1071	13	0	0	0	59	0	187
1976	-238	-581	25	0	0	0	0	0	0	0	0	0
1977	0	0	0	392	9	0	0	0	0	0	-96	0
1978	2	0	0	-3	-1	-11	0	0	0	149	0	-168
1979	0	-642	0	0	703	1	0	0	175	-349	-190	0
1980	0	105	108	155	0	-1	-2	-2	-2	903	234	-475
1981	0	-809	0	0	0	0	0	0	3275	953	-438	-342
1982	-673	-2612	-6	-6	-7	0	0	0	0	0	0	616
1983	-594	0	0	0	0	0	0	0	0	0	0	0
1984	0	0	0	0	0	0	0	0	932	0	0	-182
1985	-25	-209	-476	-275	304	0	0	531	-509	-595	329	0
1986	89	89	89	-43	0	0	0	0	0	0	0	-264
1987	0	-33	37	31	27	0	0	136	116	-69	0	0
1988	1	1	1	1	-18	0	0	0	-3	-19	-19	-19
1989	-6	-6	-6	-6	-5	-19	0	62	216	-471	0	0
1990	41	41	41	35	30	0	-4	0	-96	-207	7	0
1991	71	71	71	1	0	0	0	0	-719	-3006	1037	994
1992	164	-1452	1556	404	0	0	0	286	567	5	-1144	90
1993	531	-30	0	29	0	0	-21	-22	-26	1284	0	-1195
1994	0	-535	0	0	0	0	0	0	-80	1712	-350	-337
1995	-279	0	0	-393	-1	-10	0	0	0	0	0	362
1996	-224	-1041	865	17	0	0	0	0	0	47	0	82
1997	-476	-1037	1352	0	0	18	0	0	2170	100	0	-1817
1998	-59	-59	-59	9	14	0	0	0	0	0	0	535
1999	-693	182	0	0	0	0	0	0	77	0	0	-499
2000	-29	-64	0	21	508	0	0	0	398	0	0	0
2001	0	-341	0	0	0	0	0	-122	2185	-469	0	0
2002	0	0	-706	-967	-10	-7	-30	0	857	109	-320	-39
2003	0	-687	-93	-13	-15	0	-10	0	0	0	40	-323

Table i-3: Change in Feather Flows at Thermalito in cfs Under CWF H3+ (CWF H3+ minus NAA)

WY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1922	0	0	0	0	0	2	-1	-1	-1	-123	-3563	-3556
1923	0	0	0	0	-77	0	0	0	-1765	1363	1348	-4714
1924	672	97	2	0	0	470	583	-2	651	1298	1014	10
1925	0	0	-14	0	0	0	0	-31	-1558	118	1498	-1537
1926	648	0	-11	0	0	966	0	-1427	433	1185	156	604
1927	0	0	-4	0	602	-5	-3	-5	398	-291	-319	-3633
1928	0	420	0	0	-1	3268	0	58	3307	0	-3454	-2890
1929	1651	-326	0	0	0	0	-2	7	159	8	167	0
1930	0	18	-3	0	-4	0	0	38	1125	-1422	860	-3219
1931	1341	0	0	0	0	0	409	4	-2	2	-133	0
1932	1355	40	555	0	0	-13	-8	0	306	-6178	2316	803
1933	668	-2	0	0	0	-2	-3	-3	-4	24	306	1163
1934	6	171	134	0	-53	0	420	-1	-2	9	-69	6
1935	118	0	0	0	0	0	0	0	1485	-984	-2652	-4088
1936	2300	0	0	0	0	0	0	0	3226	416	-3697	-4498
1937	0	728	1947	107	0	0	0	0	-1053	1328	-458	640
1938	1403	0	0	0	2455	0	0	0	0	1108	2083	0
1939	0	0	-304	0	0	0	45	73	-37	-332	-482	0
1940	0	0	0	0	0	-863	-7	0	809	0	-1580	-3710
1941	0	121	0	0	4505	-8	-1	-11	-9	1458	2662	0
1942	0	0	0	-4298	-6	-10	-7	-11	-16	1437	-3426	-3956
1943	0	0	0	5714	-1	-5	1	0	-1071	0	1768	-2876
1944	0	0	1693	0	0	0	-2	290	-1813	-1492	1268	7
1945	0	0	0	0	0	0	0	-2	1986	1030	-2698	-893
1946	-6	0	0	0	0	0	0	0	4046	-1406	-4373	-3777
1947	1180	461	0	0	0	0	0	-299	798	3401	341	-3
1948	0	0	0	2	0	0	0	0	0	969	38	-4122
1949	1826	0	0	0	0	0	-4	-4	-1390	-2340	2222	16
1950	0	0	0	0	0	0	0	46	5008	1128	-1846	-5080
1951	-28	0	794	605	0	0	0	0	3945	-1202	-3004	-4329
1952	0	0	0	1626	3183	-8	-2	-2	-2	1171	2537	83
1953	0	0	0	-3803	0	-17	-9	-13	-19	-1551	-4080	-3790
1954	0	0	-70	1	0	5111	4271	-399	3141	-623	1349	-3893
1955	0	0	0	0	0	0	-2	-1	-70	-1756	970	0
1956	0	0	0	308	0	-1	0	0	0	1098	1126	-4005
1957	0	0	-241	0	0	0	0	0	1523	117	-645	-3662
1958	0	-56	0	0	5136	0	0	-7	-5	1507	3203	-3039
1959	0	0	-1164	0	0	0	-2	414	159	0	547	-1093
1960	0	0	0	0	0	0	48	0	-33	-1792	963	77
1961	0	0	0	0	0	-5	-3	-172	103	-594	-51	73
1962	-28	0	0	0	0	0	0	-1	1447	354	2119	-4594
1963	0	0	0	-3	1311	-9	2	-11	3303	-137	2336	87
1964	-1135	696	178	0	0	0	617	-161	-42	-6381	310	0
1965	0	0	0	294	-8	-8	-5	-8	3234	-1119	-3839	-4074
1966	0	0	0	0	0	0	0	-133	2755	0	817	2
1967	0	0	0	0	0	1375	-6	-10	-14	1217	2427	64
1968	0	0	-1358	0	0	-2469	-18	150	3541	-1693	-3667	-4222
1969	1805	0	0	3872	0	0	0	0	461	2896	79	79
1970	0	0	0	-3429	-5	-6	-2	0	4244	-2151	-4045	-3689
1971	2300	15	15	15	15	3220	0	0	665	895	-2418	-4117
1972	0	0	0	0	0	0	0	-617	-105	779	-879	0
1973	0	0	0	0	6320	0	0	0	3674	-2446	-3642	-3625
1974	-155	93	6107	-2	-3	-4	-2	-8	4677	-2149	-3976	-3984
1975	0	-113	-202	0	0	5683	6	9	1089	2676	2676	-4434
1976	-593	-85	-1628	0	0	0	0	366	-8	-1809	2464	608
1977	0	0	0	0	0	0	567	309	1	1	1	1
1978	0	0	0	0	0	282	-5	0	0	1850	2507	2404
1979	0	-929	-4077	0	0	0	0	0	3394	-1416	695	-4087
1980	0	0	0	0	-334	0	0	0	0	1799	2468	-3009
1981	0	0	-1562	0	0	0	0	31	769	-1407	0	0
1982	0	0	845	-6	-6	-1	0	0	0	2226	2693	1286
1983	570	0	-4005	-2867	0	0	0	0	0	0	0	0
1984	0	48	0	0	0	0	0	0	2090	0	-353	-3819
1985	0	0	0	0	0	0	0	-53	728	312	1143	0
1986	0	0	0	0	1	50	0	0	0	0	2363	-2910
1987	0	0	-128	0	0	0	15	-320	716	2	442	0
1988	-44	0	0	0	-1032	-183	0	-445	30	-637	-90	0
1989	0	0	0	0	0	0	0	137	1357	1240	1831	-4306
1990	152	150	82	0	0	0	343	0	-141	-552	-135	-1
1991	0	0	51	0	-325	0	0	0	-920	1348	-127	1
1992	0	-128	0	0	0	0	0	-66	109	1	-102	166
1993	-272	-1123	0	0	0	450	-6	-9	-13	707	2235	2027
1994	0	0	-2446	0	0	0	0	0	0	-2364	-82	71
1995	-1	0	0	0	-261	-10	-3	-5	-7	-3	1752	163
1996	0	0	0	-1964	-6	-8	-3	-5	-15	447	1695	-3876
1997	0	0	1482	-2	-2	-4	0	-613	4112	1295	-4082	-3870
1998	0	0	1	0	3542	-2	-27	2	8	73	72	2128
1999	0	-2222	-1	-8	-12	-6	0	0	4593	-2115	-3408	-4542
2000	0	-289	212	0	1786	3782	0	0	3271	0	-3848	-3405
2001	0	0	2957	0	0	0	0	-436	-1116	37	0	0
2002	-120	0	0	0	0	0	0	0	3763	-856	-644	-106
2003	-1	0	0	0	0	-556	0	-15	2954	0	2135	1832

Table j-3: Change in Sac Flow at Freeport (C169) in cfs Under CWF H3+ (CWF H3+ minus NAA)

WY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1922	658	-2161	140	-51	-174	40	-1	-12	-1	1271	-3575	-6581
1923	-69	-3548	1026	-63	-175	-21	131	-1	-1786	1177	3580	-4738
1924	55	98	0	11	-2	1096	579	415	512	410	-6	-2
1925	8	44	124	64	561	48	111	86	-388	-314	1455	-1527
1926	700	8	3	63	7	1585	-670	392	1008	-955	158	-62
1927	168	-148	-90	-7	84	42	17	-57	436	-2254	1005	-4876
1928	-434	-2784	102	-48	-20	4606	-72	106	5166	-1982	-5409	-2655
1929	1532	-1238	138	68	57	29	32	673	544	-1188	2812	57
1930	424	357	16	14	14	50	105	44	2207	-2549	957	-3208
1931	476	16	-195	-107	-128	-8	387	22	352	-15	1637	-41
1932	619	380	503	-9	-138	-133	0	9	1786	-3431	1449	-505
1933	564	48	19	6	6	-284	83	111	575	-12	-99	-1
1934	-274	534	-8	35	-4	179	422	0	611	1	-279	3
1935	394	109	67	5	-51	56	1	6	3476	1837	-3762	-4041
1936	1150	-5	7	-2118	25	43	7	4	3229	-1194	-2057	-4481
1937	-772	794	1909	150	-776	57	3	5	1490	1573	-305	541
1938	1424	-3	-1625	27	356	-1	4	5	4	1794	1585	201
1939	-1116	-1840	-1494	315	185	458	179	279	411	276	-3327	-4
1940	-11	-7	-23	-64	1972	-93	-58	469	2214	-2300	-1120	-4378
1941	116	-920	763	-24	798	-6	2	1	-7	2734	2566	-300
1942	82	-4461	1193	-1796	0	37	9	-9	-12	2753	-2215	-5355
1943	-1560	-4649	1133	9123	-98	10	38	80	-1075	-344	1905	-3499
1944	-193	-3007	1878	-17	22	43	137	404	503	-2780	2777	-80
1945	24	145	45	21	291	14	102	0	3581	1990	-2631	-1677
1946	4	-596	-224	9	-4	7	1	2	6668	-1933	-5171	-5669
1947	113	-569	-171	-159	-151	12	0	-31	726	5171	948	-16
1948	-295	-304	-310	-268	-45	14	467	410	-96	2620	-605	-3603
1949	1302	-720	34	-13	-4	381	437	276	1839	-2945	2509	516
1950	-132	-1278	-135	-113	1023	3	12	36	6132	2420	-2407	-5035
1951	-2692	-867	500	315	-5	47	5	2	6643	-2497	-2664	-5377
1952	-1089	-2782	2967	1132	1131	-400	-36	2	1	2127	1589	429
1953	-2689	-5536	6817	-250	180	119	52	7	1	-327	-4749	-3610
1954	-2619	-4622	-626	5331	433	5093	3146	-776	5294	-3314	1443	-4262
1955	-1166	-3515	488	265	92	298	753	1011	239	-1760	1893	179
1956	-586	215	266	44	161	53	7	6	1	2718	1255	-4166
1957	-2562	-4502	-1492	-2	918	5703	-418	612	2806	-1126	-631	-5034
1958	1462	-1237	1259	80	617	-11	3	8	7	2714	2671	-2633
1959	-2168	-5108	-1643	2338	1762	2	-470	479	2709	-1530	-249	-3849
1960	-456	-1727	520	346	286	-641	-124	540	3475	-4025	-241	-526
1961	-422	135	151	29	3402	9	1051	-284	1658	-202	-754	-1568
1962	-297	-428	50	-15	-245	47	16	-15	4097	-1642	706	-4595
1963	-384	121	36	1	-62	21	-1	-4	4562	64	2348	68
1964	-2701	-2109	816	431	-74	-3	653	-109	516	-4638	2282	-102
1965	-8	-245	-222	44	2	9	-10	-4	3712	-1934	-3827	-6286
1966	-619	-3145	81	2996	-239	86	-473	-102	5722	-2657	-1325	-1655
1967	-461	30	4440	-26	478	1133	-7	8	-1	1851	1615	607
1968	-1296	-5031	-1774	444	3102	-1633	-1	194	7620	-4339	-4750	-5123
1969	1112	113	-20	1036	-9	5	5	-532	2	1823	1247	-544
1970	24	-3274	1932	10	20	166	0	9	7877	-3535	-4762	-5211
1971	2335	686	-495	22	6	2171	68	24	688	604	-1948	-6172
1972	-1555	-3700	72	89	1252	3443	1303	-604	713	-168	-384	-397
1973	-294	-90	619	77	1600	-388	21	6	5776	-4298	-3515	-4708
1974	-256	554	2501	-4	3	0	2	-2	5053	-2591	-3955	-4133
1975	-2164	-4430	-183	-66	4380	1644	47	100	15	1545	2673	-4270
1976	-872	-3088	-1684	-43	-25	15	15	372	390	-1588	3283	560
1977	-13	-1420	-883	1810	-132	110	-7	313	531	140	1533	-863
1978	786	331	22	5	-49	95	-6	7	-3	2673	2668	1377
1979	304	-5415	-5099	54	641	21	-14	-3	5788	-1662	-68	-4100
1980	127	548	1022	462	-54	19	14	2	-9	2719	2684	-3164
1981	20	-4505	-1326	-80	-29	41	-1	99	3954	-781	-666	-1871
1982	-556	286	113	1	-3	3	1	2	2	2719	2753	2657
1983	-781	80	-2460	-1233	2	0	0	1	2	2	2	3
1984	-73	18	0	2	3	50	1	1	4680	-505	1113	-4097
1985	-1546	3	-496	-279	304	5	-502	-24	687	-99	-1057	-520
1986	-416	-414	173	-63	-24	1	13	3	2	-2248	2364	-2487
1987	28	-1052	-21	10	20	53	813	673	1526	-675	2513	-911
1988	-3	-2	11	255	-4609	982	1	1	837	-2614	2204	-118
1989	566	-19	-42	67	308	37	-42	265	2436	-2454	-68	-4090
1990	-304	8	6	55	-43	63	343	2	410	-2194	-628	-255
1991	811	607	2171	-84	-579	56	-6	250	-1396	-1530	-898	644
1992	842	371	2080	379	313	24	14	-64	674	-2347	-920	-887
1993	587	672	-107	50	16	272	-58	235	-149	2076	4683	-1480
1994	-485	-4304	-2258	-41	-36	-25	9	0	61	-871	-1221	-485
1995	176	5	87	347	-82	-1	18	5	5	0	1696	993
1996	-929	-5581	2707	-367	78	89	-1	-1	-2	583	1800	-3447
1997	-1495	-4684	3108	3	-3	29	11	-561	6383	1526	-3976	-6875
1998	-985	-922	-56	684	440	1	4	4	3	-160	-721	2658
1999	-704	-1907	12	142	84	141	-3	-7	4673	-2514	-2929	-6717
2000	-643	-4269	-1020	37	2089	1113	-11	5	5097	-411	-4141	-4976
2001	-1587	-4908	2066	-66	-10	31	518	167	1372	-1469	1922	-562
2002	8	122	1797	-927	742	51	568	498	6502	-269	-1450	-30
2003	-190	-883	-1220	-3	-325	-430	73	-8	2958	1043	1359	465

Table I-3: Change in Sac Flow at Rio Vista in cfs Under CWF H3+ (CWF H3+ minus NAA)

WY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1922	-2086	-3930	-738	-847	-6921	-6162	-1698	-7826	-11512	-4752	-5992	-10270
1923	-3904	-6859	-3016	-4994	-2391	-712	-1147	-1283	-1701	-4945	-2746	-4897
1924	-828	-585	-412	-646	-776	430	35	8	22	280	-35	0
1925	6	-660	-561	-658	-4941	-1943	-1474	-910	-1241	-4445	-307	-2947
1926	0	-615	4	-941	-5280	-11	-1161	61	-296	-2981	-63	-1220
1927	0	-2271	-1408	-5603	-4948	-5729	-1158	-1201	-2586	-7389	-4186	-4546
1928	-3374	-8221	-633	-2802	-4686	397	-1835	-601	-1081	-7146	-5655	-4515
1929	-1937	-4205	-60	-662	-1211	-592	-441	97	-70	-805	1818	4
1930	292	177	-796	-1624	-1880	-5936	-9	-240	-455	-3999	448	-3082
1931	0	0	-496	-836	-829	-418	46	-198	-55	20	1148	0
1932	298	297	-1085	-2570	-957	-844	-296	-285	640	-3024	-157	-1655
1933	344	-104	-453	-895	-948	-938	-402	-433	-71	-8	-63	0
1934	0	206	-773	-791	-904	-539	366	0	-51	0	542	2
1935	268	-2649	-368	-2948	-729	-4636	-7263	-2488	-2504	-3040	-4412	-4454
1936	-1044	-535	-446	-7372	-7791	-4416	-1361	-1273	-1221	-5620	-4517	-4554
1937	-2153	-339	590	-621	-6071	-7765	-2079	-532	-2907	-2886	-2568	-1319
1938	-372	-786	-4700	-4957	-3101	-7194	-6184	-7234	-11107	-4068	-4010	-10539
1939	-3526	-2818	-2141	-289	-595	-159	156	169	-157	-2622	-2936	-1038
1940	-32	-26	-13	-3073	-5520	-8749	-7943	-929	-1409	-7342	-4591	-4837
1941	-2785	-4357	-4108	-6732	-3445	-7778	-6998	-2901	-1506	-3760	-3570	-10314
1942	-4000	-6894	-2994	-11927	-7824	-6374	-1921	-2149	-5244	-3665	-5623	-10885
1943	-3712	-6810	-5	57	-7959	-7810	-2176	-1359	-1565	-5805	-3976	-9446
1944	-4009	-5610	779	-598	-2503	-2025	-18	138	-204	-4070	1764	-1385
1945	-8	-3912	-727	-836	-5123	-4189	-759	-568	-260	-4423	-5142	-2599
1946	-534	-5382	-5715	-7829	-5536	-2509	-142	-1242	-181	-5612	-5778	-5320
1947	-3221	-4154	-850	-715	-1090	-1294	0	-118	-79	-1958	470	-1098
1948	-1050	-2218	-243	-850	-730	-1424	352	-973	-3827	-4050	-5598	-5323
1949	-2506	-1616	-539	-594	-671	-6059	262	49	-146	-3508	941	-1935
1950	-142	-1827	-42	-908	-3516	-1301	67	-624	221	-3994	-4277	-5531
1951	-3232	-5121	-7121	-5637	-5959	-6901	-1567	-1287	-222	-7426	-5157	-5215
1952	-3776	-8678	-1590	-5322	-4801	-8201	-6832	-7566	-11273	-3755	-3838	-10580
1953	-5711	-7142	3158	-10841	-7198	-5971	-94	-1390	-4795	-4390	-6544	-10112
1954	-5200	-5625	-1716	1681	-5319	335	2582	-824	-900	-7988	-4202	-5105
1955	-4074	-8605	-1026	-1947	-978	-280	130	284	-315	-3072	1120	-2046
1956	-431	-1965	-4024	-7356	-7240	-7029	-792	-1518	-3313	-3724	-4166	-11059
1957	-5351	-6360	-1988	-711	145	4013	-505	345	-188	-6667	-5335	-4890
1958	-4574	-7312	-341	-7377	-1619	-6955	-6114	-2778	-5347	-3853	-3451	-10790
1959	-4843	-7147	-2043	2303	-3699	-1746	-491	380	735	-6857	-5225	-4765
1960	-342	-1727	73	-402	-3778	-1866	-107	461	-318	-5721	-679	-2074
1961	-373	-2398	-666	-712	-3304	-2766	806	-515	71	-4017	-839	-2243
1962	-356	-1182	-801	-581	-5029	-1266	-143	-391	433	-6925	-4751	-4939
1963	-2584	-5624	-3631	-1179	-7722	-6313	-7525	-1138	-1207	-5809	-3858	-10391
1964	-4593	-7930	-8	-1096	-844	-573	24	-410	-50	-5399	1447	-1058
1965	-32	-3998	-6417	-7525	-7836	-6046	-1742	-240	-1350	-5808	-5659	-9706
1966	-4469	-5736	-580	1150	-4014	-2718	-401	-164	487	-7132	-5852	-2870
1967	-540	-3279	-191	-2423	-6878	-5891	-6174	-7227	-10919	-3344	-3987	-10561
1968	-4173	-6913	-2201	-938	-2677	-9102	-63	80	-88	-6684	-5774	-5440
1969	-1630	-3706	-2169	-2651	-7862	-4868	-5807	-7706	-4381	-3724	-4073	-9670
1970	-3057	-4208	1093	-10707	-7696	-7013	-204	-283	42	-4427	-5913	-10120
1971	-2889	-6343	-6208	-6049	-5496	345	-971	-1228	-3394	-5050	-5662	-9695
1972	-5932	-5160	-888	-756	-617	3749	760	-977	-66	-5941	-3273	-1997
1973	-1400	-4997	-1266	-7525	-1410	-7963	-899	-1368	-1622	-5929	-5837	-3960
1974	-3864	-4536	-2063	-6493	-7815	-7815	-7812	-1241	-1458	-5305	-6001	-9353
1975	-5014	-5919	-937	-751	1503	-1833	-1049	-1007	-4394	-4761	-3430	-11054
1976	-5378	-4045	-1945	-633	-749	-702	-513	-62	-81	-2021	2043	-154
1977	-269	-1418	-787	1571	-598	-344	-7	272	25	100	1049	-331
1978	479	0	-617	-6709	-7912	-5250	-2959	-1393	-1680	-4060	-3715	-4928
1979	-3510	-7882	-4599	-916	-3654	-4424	-1270	-820	-414	-4696	-3131	-4473
1980	-1116	-4303	161	-4963	-4791	-4614	-1401	-1666	-1266	-3845	-3580	-3181
1981	-2146	-6462	-1708	-2466	-4559	-3409	0	87	-136	-4515	-687	-2564
1982	-1189	-1244	-5420	-7814	-6645	-7121	-6180	-4256	-3550	-3668	-3365	-4302
1983	-6481	-4932	-8087	-8057	-4748	-4429	-5267	-6908	-7814	-5013	-4893	-5639
1984	-6642	-4719	-7665	-7035	-3835	-6518	-504	-602	433	-3775	-4074	-10895
1985	-5616	-2439	-1672	-949	-662	-659	-374	6	-65	-5868	-3776	-2609
1986	-351	-2814	-606	-2018	-4633	-7812	-978	-328	-441	-7128	-3689	-2424
1987	-2518	-1930	-511	-725	-2136	-1982	539	487	487	-457	1748	-882
1988	0	0	-747	-4447	-4799	350	-206	-299	-49	-1786	1495	-85
1989	320	-994	-515	-641	-228	-4893	-70	172	-552	-6282	-2092	-5327
1990	-1849	-25	-90	-721	-879	-547	82	-78	-29	-2283	-597	-335
1991	330	207	1868	-76	-1109	-3982	-19	217	-1330	-1245	-816	13
1992	361	318	1629	-251	-2040	-1588	-96	-240	-21	-1598	-660	-864
1993	329	291	-753	-7140	-7820	-5975	-1169	-945	-4390	-4347	-2162	-5446
1994	-2320	-6768	-2513	-822	-2435	-601	-162	-299	-321	-4233	-1442	-2549
1995	88	-686	-683	-3728	-8052	-7622	-6178	-7221	-11239	-3030	-3716	-10398
1996	-3615	-6704	1457	-5383	-7175	-7569	-1503	-1544	-1736	-5490	-4212	-11047
1997	-5516	-8059	3410	-7971	-7825	-6267	-220	-1680	-69	-4850	-5925	-10719
1998	-4040	-3888	-812	-2921	-4363	-7810	-7431	-7707	-7813	-5203	-5629	-3897
1999	-6284	-8135	-4187	-4823	-7407	-7308	-1345	-374	-1351	-5335	-5782	-10104
2000	-5233	-5629	-1643	-1150	539	-4290	-196	-1223	-1350	-5624	-5814	-5106
2001	-3051	-7372	840	-1162	-3516	-3574	450	18	-653	-1007	1131	-1015
2002	-597	-953	-1518	-8697	-3794	-2731	393	432	-280	-5016	-2311	-2614
2003	-365	-1722	-4230	-7796	-8206	-2591	-1188	-1164	-1329	-4350	-4533	-4698

Table m-3: Change in NDO in cfs Under CWF H3+ (CWF H3+ minus NAA)

WY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1922	0	0	891	1309	-3624	196	1	-6805	-2509	0	0	156
1923	0	0	-3477	741	0	243	33	217	2963	-1953	0	-1216
1924	0	0	0	828	-434	242	114	0	0	-101	102	0
1925	0	-393	34	-288	-5099	4273	30	845	-395	0	-412	0
1926	-231	0	0	-582	-5596	968	-751	393	-309	0	-204	0
1927	0	3571	-1621	-5935	-3380	607	167	118	-1748	-3192	0	625
1928	-313	156	1769	-991	-4789	6009	-86	60	-391	-3828	0	625
1929	-156	78	0	1361	217	-269	-22	0	0	0	-966	0
1930	0	0	-1010	-1445	-1697	-2153	4	0	0	0	-408	-157
1931	-523	0	0	-487	-483	354	0	0	0	0	-527	0
1932	0	0	3785	-2380	134	3326	241	226	-15	0	-248	0
1933	-207	0	-31	-499	554	-375	0	0	0	0	0	0
1934	0	0	-505	-400	-536	463	0	0	0	0	-35	0
1935	0	-2304	3261	-2739	-72	-4529	-3013	6	130	0	-1101	-476
1936	0	0	0	-7949	-333	2524	40	343	169	-1535	0	-755
1937	0	0	5	-220	-561	-1939	-1	4	0	0	0	0
1938	0	-872	-2448	-2338	5292	-5	-4625	-1930	-2134	0	0	0
1939	0	0	-561	5652	1061	1480	0	278	-116	-770	0	-52
1940	0	0	0	-2788	-4890	-2300	-7115	756	-101	-4931	0	938
1941	-469	313	-4725	-5423	3522	3213	-6095	41	3615	0	-109	0
1942	0	0	-3132	-6399	-1647	7	6	-15	-1315	0	0	0
1943	-156	0	-133	5912	-1606	-1482	48	232	2851	-6220	0	1094
1944	-156	0	0	5284	-1051	-1557	-5	532	-104	0	-1021	0
1945	0	-3901	4093	-362	-2166	-48	596	1023	-103	-30	-92	0
1946	0	-4928	-5777	-5824	-101	4918	7	340	0	-2795	0	469
1947	-156	156	545	1452	-233	763	0	-32	3	0	-335	0
1948	0	0	0	-555	0	-1203	431	380	-3600	0	-1344	-802
1949	0	0	-474	877	846	-5244	474	218	-40	0	-700	0
1950	0	0	0	-520	-3457	5094	69	37	519	0	-1002	-1353
1951	0	-3678	-1388	4744	29	-216	5	107	-148	-3810	0	625
1952	-156	156	-1913	-3502	1491	2739	-4125	-5692	-2084	0	0	0
1953	0	0	6191	-7959	-1903	-299	-91	177	-6575	462	-875	1328
1954	-469	156	-318	5308	-5532	6921	4306	-665	511	-5383	0	781
1955	-313	156	1146	10	479	39	718	884	-343	0	-584	0
1956	0	-733	-2230	465	-397	57	-30	122	1337	0	-16	-156
1957	0	0	-453	5075	665	9859	-548	610	-94	-3222	0	625
1958	-313	78	-417	-7960	5541	3051	-4557	8	-1329	0	0	156
1959	-156	0	-588	5973	-3711	2843	-588	502	1153	-2585	0	-1403
1960	0	0	-6	1072	-3805	2424	-1167	542	0	-939	-135	0
1961	0	-2763	155	-390	-3468	-2159	940	-225	173	-46	-703	0
1962	0	0	-1160	0	-4722	5813	95	67	761	-3331	0	-541
1963	-1039	-1425	-4039	-845	-2992	-1020	-8314	193	229	-3403	0	469
1964	-156	156	0	4717	405	257	402	-5	1	-37	-917	0
1965	0	-3799	-7208	-3802	-585	-429	-34	168	-21	-3469	0	469
1966	-156	156	451	7672	-2784	3767	-465	0	818	-2921	0	0
1967	0	-3448	-239	-629	-1750	1913	-5264	-7434	-2142	0	0	0
1968	0	0	-663	4886	-2863	-8039	-62	128	0	-2386	-1	-800
1969	0	-1646	447	3097	-88	8	-1423	-341	-414	0	0	0
1970	0	0	1153	-4139	-1501	-730	134	236	262	-2588	0	469
1971	-156	156	-7040	-1262	-272	6910	-14	85	-2995	-1636	0	469
1972	-78	0	800	4928	-1329	8344	1302	-628	4	-2307	0	-362
1973	0	-2832	-1458	-6201	5213	-546	-1	330	-146	-1646	0	313
1974	-156	-1733	-95	-4867	-2612	-1633	-7440	215	-130	-2764	0	469
1975	-156	0	624	5124	5878	4394	67	332	-475	0	0	0
1976	0	0	-532	5172	801	-355	-88	399	-189	-210	-1130	0
1977	0	0	0	276	0	0	0	0	0	0	-529	0
1978	0	198	-568	-6989	-3703	3997	-15	2	3315	-54	0	-156
1979	156	-78	-540	1541	-1618	4890	-672	496	-281	0	-378	-379
1980	-272	-3670	5168	-2921	-446	12	14	86	3580	0	0	-156
1981	0	78	76	-643	-3106	484	459	632	0	-203	-420	0
1982	-408	-905	-6286	-4791	5458	1718	-758	2	950	0	0	-156
1983	-2330	-1015	-4007	4066	921	0	16	-427	38	-2080	-1098	3
1984	0	1035	313	3	3	50	-20	411	881	-2661	0	234
1985	0	-1592	-41	4897	1039	29	-441	0	27	-2077	0	-83
1986	0	0	-779	-1860	2230	-282	15	3	4056	-4630	0	625
1987	-156	0	0	5071	-1957	2768	-781	785	0	0	-926	0
1988	0	0	-806	-4704	-7461	1787	1	0	6	0	-869	0
1989	0	-69	-74	-318	0	-4972	-76	202	917	-1303	-568	-1469
1990	0	0	0	-421	565	266	0	2	1	-40	-512	0
1991	0	0	304	0	-1227	-4040	-22	250	0	0	-568	0
1992	0	0	355	75	-1773	-805	39	0	0	0	-303	0
1993	0	0	-820	-6431	-1366	819	159	413	-407	0	0	0
1994	0	0	-692	1093	-1924	1029	-26	0	-393	-463	-528	0
1995	0	0	-567	-3827	-2789	948	-3632	-550	-2025	-2101	0	313
1996	0	0	1613	-1896	-444	-885	-2	-1	3243	-2093	0	313
1997	0	0	5515	-1405	-975	-1609	173	-623	134	-3717	0	625
1998	-156	0	1093	438	2555	-1970	-5637	-6529	-1237	-2096	-2396	2025
1999	-938	-3708	-4166	632	3155	620	-41	139	0	-2989	0	703
2000	-156	0	-227	2261	3869	2342	17	236	-36	-3798	0	781
2001	-313	78	0	875	-3485	-2666	518	165	0	0	-695	0
2002	0	-1197	-1898	-9408	-130	1678	468	497	-302	0	-1256	0
2003	0	0	-4749	-7061	-7183	3686	154	164	-48	-2310	-965	1250

Table n-1: ND Diversions in 1,000 acre-feet Under No Action Alternative (NAA)

WY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1922	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
1924	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
1926	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
1928	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
1930	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
1932	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
1934	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
1936	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
1938	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
1940	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
1942	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
1944	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
1946	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
1948	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
1950	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
1952	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
1954	0	0	0	0	0	0	0	0	0	0	0	0
1955	0	0	0	0	0	0	0	0	0	0	0	0
1956	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
1958	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
1960	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
1962	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
1964	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
1966	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
1968	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
1970	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
1972	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
1974	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
1976	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
1978	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
1980	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
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	0	0	0	0
1985	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
1987	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
1989	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
1991	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
1993	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
1995	0	0	0	0	0	0	0	0	0	0	0	0
1996	0	0	0	0	0	0	0	0	0	0	0	0
1997	0	0	0	0	0	0	0	0	0	0	0	0
1998	0	0	0	0	0	0	0	0	0	0	0	0
1999	0	0	0	0	0	0	0	0	0	0	0	0
2000	0	0	0	0	0	0	0	0	0	0	0	0
2001	0	0	0	0	0	0	0	0	0	0	0	0
2002	0	0	0	0	0	0	0	0	0	0	0	0
2003	0	0	0	0	0	0	0	0	0	0	0	0

Data extracted from DWR 500 by using MBK script
 Key: CalSim Arc = D400

Table n-2: ND Diversions in 1,000 acre-feet Under CWF H3+

WY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1922	160	186	62	57	433	439	116	553	536	507	318	40
1923	340	233	279	346	142	48	80	90	38	523	470	147
1924	78	52	32	45	51	37	30	25	29	0	0	0
1925	0	61	41	51	362	141	102	62	80	380	113	164
1926	47	50	0	67	338	100	34	20	85	211	15	103
1927	3	147	94	396	420	408	81	82	244	527	439	106
1928	257	374	53	195	309	553	120	49	398	523	178	236
1929	265	249	14	50	81	44	32	35	39	0	9	0
1930	0	7	58	116	121	424	0	17	167	202	15	81
1931	24	0	27	49	46	29	20	16	28	0	0	0
1932	0	0	112	181	55	46	20	20	50	60	102	112
1933	0	11	36	64	61	49	32	32	40	0	0	0
1934	0	0	47	58	58	44	0	0	41	0	0	0
1935	0	211	28	209	44	332	496	177	417	386	169	149
1936	163	42	35	392	518	315	94	90	292	436	280	132
1937	146	74	65	53	345	553	142	38	333	357	214	147
1938	120	54	216	352	393	509	424	512	535	475	457	469
1939	250	109	48	40	48	39	0	6	39	258	63	92
1940	3	6	0	214	518	553	536	95	249	520	347	161
1941	251	280	336	473	500	548	480	205	126	506	478	397
1942	340	176	345	551	500	452	132	152	441	498	366	155
1943	156	167	79	553	500	553	152	101	67	503	476	155
1944	328	171	55	41	167	146	3	15	48	197	15	117
1945	3	300	56	60	352	297	51	40	235	522	302	127
1946	48	357	338	553	352	176	8	88	413	391	205	128
1947	252	298	53	41	61	92	0	6	50	495	15	95
1948	77	159	0	44	46	102	4	94	317	527	469	251
1949	299	87	50	41	43	466	8	8	120	133	70	198
1950	3	64	0	55	274	92	0	48	346	509	237	184
1951	77	295	553	437	380	491	108	91	414	517	302	136
1952	260	416	333	473	518	547	463	536	536	468	442	498
1953	217	115	166	553	480	429	1	97	404	374	304	194
1954	204	87	74	266	355	336	86	12	392	518	469	193
1955	261	370	104	153	67	38	36	42	41	169	15	189
1956	3	149	381	553	518	501	55	108	279	503	453	243
1957	276	145	51	50	41	92	4	14	184	533	446	129
1958	415	427	113	527	426	491	420	197	451	515	475	310
1959	280	138	51	110	395	124	0	5	99	527	456	189
1960	3	2	32	45	267	92	0	1	234	272	44	150
1961	8	195	58	52	445	196	2	18	94	348	25	100
1962	11	21	57	40	358	92	11	26	208	528	472	159
1963	316	439	260	83	486	448	513	80	372	527	492	439
1964	223	393	50	104	52	40	37	23	39	204	15	88
1965	3	266	356	553	500	428	117	17	335	405	271	17
1966	308	206	49	160	322	198	3	9	299	482	433	151
1967	22	241	296	167	500	547	422	512	536	412	456	498
1968	237	138	49	96	504	498	0	4	463	339	233	171
1969	212	295	150	553	500	345	398	513	369	447	443	381
1970	273	82	140	553	500	507	14	21	464	181	231	97
1971	360	476	409	430	352	186	65	88	327	493	392	9
1972	315	111	71	59	113	92	25	32	52	530	265	155
1973	103	337	128	535	500	536	63	97	480	274	299	66
1974	321	375	553	457	500	553	536	88	422	318	294	113
1975	211	131	58	49	224	553	79	80	371	524	468	228
1976	421	80	50	42	48	50	36	27	31	86	18	48
1977	23	2	0	0	31	31	0	0	30	0	0	0
1978	0	24	43	476	497	391	202	99	141	530	498	512
1979	296	223	38	64	268	314	86	58	381	324	281	150
1980	110	358	55	441	297	328	97	118	106	514	486	90
1981	195	165	48	169	289	244	0	0	247	360	15	113
1982	83	208	441	553	425	505	424	301	299	498	465	534
1983	418	343	312	380	305	314	361	489	536	453	442	493
1984	466	327	543	498	254	465	35	43	242	310	433	227
1985	319	167	88	50	59	47	0	0	49	526	272	198
1986	8	202	50	139	500	553	68	23	37	507	475	64
1987	228	85	38	52	138	144	11	7	50	0	0	23
1988	0	0	54	334	46	30	14	21	54	0	3	0
1989	0	76	37	45	32	349	0	3	192	419	185	223
1990	147	2	7	52	54	43	15	6	30	71	15	14
1991	0	6	0	0	36	286	1	0	29	18	18	37
1992	0	0	0	38	154	113	7	13	42	0	3	23
1993	0	0	41	511	500	456	73	81	361	520	486	388
1994	172	180	47	52	153	41	12	21	31	328	55	194
1995	3	57	51	514	500	553	424	512	536	273	428	498
1996	227	89	94	369	518	553	103	109	146	533	478	269
1997	313	233	272	553	500	445	16	84	386	532	277	46
1998	243	234	54	374	500	553	509	546	536	460	455	499
1999	428	444	297	360	500	539	90	26	392	327	329	10
2000	344	120	51	84	453	553	13	87	417	482	270	149
2001	107	183	50	78	224	255	0	9	136	0	18	55
2002	52	85	288	553	292	197	0	0	410	436	120	226
2003	11	85	168	553	486	147	76	80	286	461	498	439

Data extracted from DWR 1077 for CWF H3+ by using MBK script
 Key: CalSim Arc = D400

Table n-3: Change in ND Diversions in 1,000 acre-feet Under CWF H3+ (CWF H3+ minus NAA)

WY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1922	160	186	62	57	433	439	116	553	536	507	318	40
1923	340	233	279	346	142	48	80	90	38	523	470	147
1924	78	52	32	45	51	37	30	25	29	0	0	0
1925	0	61	41	51	362	141	102	62	80	380	113	164
1926	47	50	0	67	338	100	34	20	85	211	15	103
1927	3	147	94	396	420	408	81	82	244	527	439	106
1928	257	374	53	195	309	553	120	49	398	523	178	236
1929	265	249	14	50	81	44	32	35	39	0	9	0
1930	0	7	58	116	121	424	0	17	167	202	15	81
1931	24	0	27	49	46	29	20	16	28	0	0	0
1932	0	0	112	181	55	46	20	20	50	60	102	112
1933	0	11	36	64	61	49	32	32	40	0	0	0
1934	0	0	47	58	58	44	0	0	41	0	0	0
1935	0	211	28	209	44	332	496	177	417	386	169	149
1936	163	42	35	392	518	315	94	90	292	436	280	132
1937	146	74	65	53	345	553	142	38	333	357	214	147
1938	120	54	216	352	393	509	424	512	535	475	457	469
1939	250	109	48	40	48	39	0	6	39	258	63	92
1940	3	6	0	214	518	553	536	95	249	520	347	161
1941	251	280	336	473	500	548	480	205	126	506	478	397
1942	340	176	345	551	500	452	132	152	441	498	366	155
1943	156	167	79	553	500	553	152	101	67	503	476	155
1944	328	171	55	41	167	146	3	15	48	197	15	117
1945	3	300	56	60	352	297	51	40	235	522	302	127
1946	48	357	338	553	352	176	8	88	413	391	205	128
1947	252	298	53	41	61	92	0	6	50	495	15	95
1948	77	159	0	44	46	102	4	94	317	527	469	251
1949	299	87	50	41	43	466	8	8	120	133	70	198
1950	3	64	0	55	274	92	0	48	346	509	237	184
1951	77	295	553	437	380	491	108	91	414	517	302	136
1952	260	416	333	473	518	547	463	536	536	468	442	498
1953	217	115	166	553	480	429	1	97	404	374	304	194
1954	204	87	74	266	355	336	86	12	392	518	469	193
1955	261	370	104	153	67	38	36	42	41	169	15	189
1956	3	149	381	553	518	501	55	108	279	503	453	243
1957	276	145	51	50	41	92	4	14	184	533	446	129
1958	415	427	113	527	426	491	420	197	451	515	475	310
1959	280	138	51	110	395	124	0	5	99	527	456	189
1960	3	2	32	45	267	92	0	1	234	272	44	150
1961	8	195	58	52	445	196	2	18	94	348	25	100
1962	11	21	57	40	358	92	11	26	208	528	472	159
1963	316	439	260	83	486	448	513	80	372	527	492	439
1964	223	393	50	104	52	40	37	23	39	204	15	88
1965	3	266	356	553	500	428	117	17	335	405	271	17
1966	308	206	49	160	322	198	3	9	299	482	433	151
1967	22	241	296	167	500	547	422	512	536	412	456	498
1968	237	138	49	96	504	498	0	4	463	339	233	171
1969	212	295	150	553	500	345	398	513	369	447	443	381
1970	273	82	140	553	500	507	14	21	464	181	231	97
1971	360	476	409	430	352	186	65	88	327	493	392	9
1972	315	111	71	59	113	92	25	32	52	530	265	155
1973	103	337	128	535	500	536	63	97	480	274	299	66
1974	321	375	553	457	500	553	536	88	422	318	294	113
1975	211	131	58	49	224	553	79	80	371	524	468	228
1976	421	80	50	42	48	50	36	27	31	86	18	48
1977	23	2	0	0	31	31	0	0	30	0	0	0
1978	0	24	43	476	497	391	202	99	141	530	498	512
1979	296	223	38	64	268	314	86	58	381	324	281	150
1980	110	358	55	441	297	328	97	118	106	514	486	90
1981	195	165	48	169	289	244	0	0	247	360	15	113
1982	83	208	441	553	425	505	424	301	299	498	465	534
1983	418	343	312	380	305	314	361	489	536	453	442	493
1984	466	327	543	498	254	465	35	43	242	310	433	227
1985	319	167	88	50	59	47	0	0	49	526	272	198
1986	8	202	50	139	500	553	68	23	37	507	475	64
1987	228	85	38	52	138	144	11	7	50	0	0	23
1988	0	0	54	334	46	30	14	21	54	0	3	0
1989	0	76	37	45	32	349	0	3	192	419	185	223
1990	147	2	7	52	54	43	15	6	30	71	15	14
1991	0	6	0	0	36	286	1	0	29	18	18	37
1992	0	0	0	38	154	113	7	13	42	0	3	23
1993	0	0	41	511	500	456	73	81	361	520	486	388
1994	172	180	47	52	153	41	12	21	31	328	55	194
1995	3	57	51	514	500	553	424	512	536	273	428	498
1996	227	89	94	369	518	553	103	109	146	533	478	269
1997	313	233	272	553	500	445	16	84	386	532	277	46
1998	243	234	54	374	500	553	509	546	536	460	455	499
1999	428	444	297	360	500	539	90	26	392	327	329	10
2000	344	120	51	84	453	553	13	87	417	482	270	149
2001	107	183	50	78	224	255	0	9	136	0	18	55
2002	52	85	288	553	292	197	0	0	410	436	120	226
2003	11	85	168	553	486	147	76	80	286	461	498	439

Table o-1: SD Diversions in 1,000 acre-feet Under No Action Alternative (NAA)

WY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1922	248	485	724	436	367	595	116	125	590	714	724	620
1923	344	444	528	523	407	384	106	92	341	669	587	652
1924	441	344	342	397	148	68	81	68	33	99	274	204
1925	328	293	384	394	167	400	110	115	292	667	301	497
1926	314	358	390	392	151	113	205	163	180	471	313	333
1927	293	671	456	288	431	443	89	92	342	669	716	612
1928	451	658	719	421	262	423	120	92	262	572	698	610
1929	280	328	573	401	361	205	120	68	57	203	104	218
1930	263	236	328	290	271	288	113	117	189	546	294	506
1931	268	271	279	397	228	114	65	88	42	59	97	185
1932	240	230	724	420	424	310	89	92	88	457	246	383
1933	286	289	309	401	366	157	112	120	45	77	300	202
1934	258	231	356	391	249	114	54	55	40	62	53	158
1935	217	397	455	420	327	303	325	266	339	480	515	598
1936	441	333	480	265	555	468	92	92	335	644	592	635
1937	551	315	489	290	604	497	142	168	347	480	416	394
1938	370	671	612	498	515	509	297	594	652	714	724	650
1939	358	218	711	415	379	171	94	92	41	409	451	310
1940	324	261	334	313	380	644	134	92	324	477	694	661
1941	368	367	548	487	728	748	144	205	450	714	724	639
1942	339	443	569	606	549	597	132	152	459	714	724	654
1943	448	444	483	688	580	702	152	101	318	449	712	606
1944	359	350	505	415	418	304	90	92	220	559	115	343
1945	332	506	717	418	504	498	93	92	232	689	644	508
1946	443	413	592	478	429	480	89	92	236	598	707	671
1947	433	342	727	423	342	138	136	133	195	428	262	297
1948	414	455	366	245	102	292	89	92	318	669	710	637
1949	513	396	488	392	365	200	89	92	204	559	228	379
1950	310	413	380	263	282	405	99	96	219	626	538	665
1951	575	671	755	693	383	523	108	92	206	479	694	671
1952	448	589	469	555	568	748	222	266	582	694	724	671
1953	383	444	719	347	423	484	92	95	229	714	723	666
1954	337	372	683	252	278	408	89	92	310	435	715	671
1955	442	588	715	437	364	237	144	130	44	497	112	385
1956	323	404	664	805	635	501	91	108	434	714	724	661
1957	434	413	708	402	158	326	89	92	207	572	724	642
1958	613	521	452	310	449	680	299	197	506	714	724	671
1959	409	442	718	265	306	405	93	92	45	682	709	599
1960	334	359	284	396	214	281	65	127	180	688	373	385
1961	311	423	378	404	163	287	91	96	26	597	339	397
1962	283	294	319	376	349	447	89	92	200	713	724	616
1963	694	671	434	294	324	440	89	92	345	614	724	642
1964	381	623	601	412	360	286	109	106	53	691	138	300
1965	303	338	489	630	530	484	117	92	338	662	724	598
1966	336	671	737	488	421	424	89	92	198	675	709	457
1967	343	411	476	456	402	581	257	256	652	711	724	665
1968	318	438	716	415	269	427	104	92	196	702	709	642
1969	459	454	716	747	544	345	313	594	671	714	724	592
1970	305	276	497	805	552	599	89	92	219	610	715	615
1971	208	458	485	405	378	411	98	92	308	629	696	583
1972	406	331	715	389	170	267	185	169	191	675	479	365
1973	448	671	464	354	477	530	89	96	340	699	707	543
1974	526	671	507	508	421	524	112	92	344	713	724	566
1975	392	395	721	411	343	589	90	92	358	714	724	661
1976	522	263	716	400	381	237	120	97	32	370	123	258
1977	294	331	286	267	164	89	65	68	8	80	97	222
1978	204	214	304	353	584	620	202	238	411	714	724	671
1979	479	544	720	477	484	614	99	118	243	644	454	608
1980	455	445	717	622	290	328	115	118	416	714	724	470
1981	396	438	716	413	313	338	89	92	191	643	365	442
1982	409	671	450	473	728	623	527	301	435	714	724	671
1983	694	671	755	805	355	314	362	463	671	694	694	671
1984	596	575	562	498	511	543	89	92	239	612	709	664
1985	514	671	715	417	387	336	127	100	197	682	524	471
1986	366	547	497	261	728	732	199	165	355	608	694	427
1987	301	148	451	402	238	311	65	150	146	213	131	287
1988	306	267	388	289	63	146	98	96	36	239	100	221
1989	219	337	410	387	142	125	104	93	280	707	472	628
1990	448	253	229	376	348	105	65	104	26	388	228	241
1991	229	215	104	199	50	135	93	95	183	307	151	177
1992	234	212	121	370	182	281	89	72	22	203	216	268
1993	225	196	367	395	462	476	89	92	376	714	573	662
1994	358	440	712	390	326	270	89	118	27	586	291	403
1995	257	322	358	380	429	748	219	594	621	694	724	664
1996	284	422	452	352	746	707	103	109	349	714	724	671
1997	405	512	755	805	728	618	89	68	232	431	715	671
1998	314	289	716	375	728	748	217	269	671	704	724	671
1999	471	671	480	487	658	557	89	92	342	636	724	630
2000	374	375	681	274	591	648	89	92	320	416	715	671
2001	404	480	525	421	292	325	138	138	185	252	177	312
2002	282	381	480	324	359	297	105	136	189	709	413	426
2003	282	402	471	370	373	409	89	92	304	500	724	663

Data extracted from DWR 500 by using MBK script
 Key: CalSim Arc = D419+D418-D400

Table o-2: SD Diversions in 1,000 acre-feet Under CWF H3+

WY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1922	128	170	617	295	125	147	0	0	204	285	184	179
1923	0	0	528	124	255	318	26	0	21	341	339	296
1924	367	297	309	300	121	83	77	68	37	130	265	204
1925	329	262	341	364	133	0	8	0	211	256	300	241
1926	327	309	391	361	124	52	171	143	174	202	320	218
1927	293	303	456	256	290	0	0	0	229	199	339	179
1928	186	109	564	284	227	43	0	46	194	163	187	179
1929	120	0	568	271	272	179	91	75	51	130	327	219
1930	289	250	334	264	245	0	114	101	152	186	361	245
1931	307	271	240	368	202	63	69	75	38	61	232	184
1932	273	253	414	384	353	46	55	58	143	184	247	239
1933	335	280	276	369	274	113	84	90	39	76	295	202
1934	250	261	332	360	221	49	79	55	36	62	58	158
1935	241	334	230	379	284	253	7	89	121	206	184	237
1936	347	291	446	231	59	0	0	0	223	231	184	282
1937	357	288	536	259	247	67	0	130	102	220	184	279
1938	337	669	432	291	0	0	149	201	244	347	363	192
1939	39	0	606	48	282	69	104	87	34	217	184	222
1940	321	255	332	267	291	174	14	0	212	119	280	179
1941	147	0	547	341	278	0	30	0	108	375	409	224
1942	2	0	542	179	139	145	0	0	95	383	218	179
1943	204	0	483	329	161	241	0	0	17	307	353	179
1944	29	0	566	49	313	257	90	68	209	191	336	222
1945	330	447	413	381	295	205	14	22	217	292	186	281
1946	394	318	549	282	80	0	79	0	220	262	184	179
1947	197	0	630	284	286	0	136	127	189	252	325	202
1948	320	277	347	219	53	265	88	0	210	297	280	219
1949	294	267	469	296	275	91	79	83	195	244	356	210
1950	297	272	376	231	250	0	99	49	207	266	216	262
1951	334	540	334	0	0	48	0	0	196	43	228	179
1952	131	0	469	390	147	0	0	80	170	355	379	199
1953	0	0	566	95	67	80	92	0	216	290	184	179
1954	0	0	584	37	246	0	0	75	203	44	336	179
1955	129	0	571	299	275	215	110	95	38	217	249	207
1956	284	316	506	252	175	0	38	0	75	377	349	179
1957	0	0	594	41	131	0	87	77	197	171	244	179
1958	303	16	452	277	0	0	151	0	135	366	413	196
1959	5	0	602	44	268	107	95	87	37	229	238	265
1960	303	254	289	302	182	0	128	126	153	220	321	204
1961	278	405	321	378	138	224	91	74	22	239	308	202
1962	258	253	334	335	284	0	74	60	191	292	304	217
1963	554	324	434	262	0	56	69	0	231	300	377	179
1964	0	91	595	45	280	230	87	78	48	207	324	207
1965	300	284	489	329	62	82	0	65	226	351	215	179
1966	0	269	664	90	309	0	89	80	191	209	184	207
1967	294	378	476	324	55	38	147	201	244	411	366	203
1968	0	0	597	48	237	283	104	90	188	242	184	214
1969	313	266	535	329	46	0	70	327	376	376	357	179
1970	34	0	490	329	142	147	67	57	207	370	184	179
1971	0	14	478	54	42	0	33	0	200	274	184	179
1972	0	0	600	33	205	0	159	138	184	279	184	211
1973	327	497	464	203	55	0	28	0	212	264	184	179
1974	199	459	334	348	67	71	19	0	229	405	184	179
1975	56	0	613	43	103	147	13	0	16	283	416	179
1976	49	0	596	39	285	209	90	69	37	201	377	241
1977	270	245	232	362	125	61	65	87	20	89	225	171
1978	253	196	296	308	284	0	0	139	72	351	390	250
1979	192	3	406	319	347	0	5	9	224	220	194	239
1980	362	338	411	441	0	0	19	0	96	367	402	195
1981	207	0	579	278	194	67	109	97	186	237	330	218
1982	330	626	446	215	0	0	148	0	79	382	423	305
1983	371	394	443	0	0	0	0	0	134	369	320	179
1984	126	190	0	0	257	79	56	25	223	435	342	179
1985	99	599	599	48	287	288	127	100	189	279	184	247
1986	333	322	502	232	281	196	131	142	77	249	362	179
1987	84	0	411	40	210	0	149	136	187	172	345	209
1988	306	266	385	263	175	62	84	76	32	78	287	213
1989	253	264	374	361	127	82	104	93	179	219	318	243
1990	282	251	222	352	260	50	71	98	23	184	205	212
1991	279	245	218	194	48	102	93	95	71	195	112	179
1992	278	233	227	348	149	218	80	55	20	59	175	192
1993	261	236	369	285	38	0	0	0	31	321	377	179
1994	148	0	568	265	277	164	80	97	23	232	192	180
1995	265	266	343	322	71	148	11	116	206	549	393	207
1996	0	0	452	86	291	224	0	0	10	346	348	179
1997	0	0	615	329	281	273	64	0	218	222	184	179
1998	20	0	591	125	281	316	44	124	209	363	367	210
1999	57	334	440	106	6	0	0	57	228	339	207	179
2000	0	0	585	54	356	176	74	0	209	141	190	179
2001	219	0	601	285	261	236	138	129	130	148	319	224
2002	230	379	480	287	122	0	106	136	184	257	282	198
2003	258	264	471	252	250	0	0	0	196	248	373	179

Data extracted from DWR 1077 for CWF H3+ by using MBK script
 Key: CalSim Arc = D419+D418-D400

Table o-3: Change in SD Diversions in 1,000 acre-feet Under CWF H3+ (CWF H3+ minus NAA)

WY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1922	-120	-314	-108	-140	-241	-448	-116	-125	-386	-429	-540	-441
1923	-344	-444	0	-399	-153	-65	-80	-92	-320	-328	-249	-356
1924	-75	-47	-32	-96	-26	16	-4	1	4	31	-9	0
1925	1	-31	-43	-31	-35	-400	-102	-115	-80	-411	-1	-257
1926	13	-49	0	-30	-27	-61	-34	-20	-7	-269	7	-115
1927	1	-368	0	-32	-142	-443	-89	-92	-114	-470	-377	-434
1928	-265	-549	-155	-137	-35	-381	-120	-46	-68	-410	-510	-432
1929	-161	-328	-5	-130	-89	-25	-29	7	-6	-73	223	1
1930	26	14	6	-26	-26	-288	1	-16	-38	-360	67	-261
1931	39	0	-39	-29	-26	-51	4	-14	-5	2	135	-1
1932	33	23	-310	-36	-71	-264	-35	-34	55	-272	2	-144
1933	49	-8	-33	-33	-91	-43	-28	-30	-6	-1	-6	0
1934	-7	31	-24	-31	-28	-66	25	0	-4	0	5	0
1935	24	-63	-225	-40	-43	-50	-318	-177	-218	-274	-331	-361
1936	-94	-43	-35	-33	-497	-468	-92	-92	-112	-414	-407	-353
1937	-194	-27	47	-30	-357	-431	-142	-38	-245	-260	-232	-115
1938	-33	-2	-180	-207	-515	-509	-149	-394	-408	-366	-361	-458
1939	-318	-218	-105	-367	-97	-102	10	-6	-7	-191	-266	-88
1940	-3	-6	-1	-46	-89	-470	-120	-92	-112	-358	-414	-482
1941	-221	-367	-1	-146	-450	-748	-115	-205	-342	-339	-315	-415
1942	-337	-443	-27	-427	-409	-452	-132	-152	-364	-331	-506	-476
1943	-243	-444	0	-359	-419	-461	-152	-101	-301	-142	-359	-428
1944	-330	-350	61	-366	-105	-48	0	-24	-11	-368	221	-121
1945	-2	-59	-304	-37	-208	-294	-79	-70	-16	-397	-458	-227
1946	-48	-95	-42	-196	-348	-480	-10	-92	-15	-336	-522	-493
1947	-236	-342	-97	-140	-57	-138	0	-6	-7	-177	63	-96
1948	-95	-177	-19	-26	-48	-27	-1	-92	-108	-372	-430	-417
1949	-219	-129	-19	-96	-90	-108	-10	-9	-9	-315	128	-169
1950	-12	-141	-4	-32	-32	-405	0	-47	-12	-360	-321	-403
1951	-241	-131	-421	-693	-383	-475	-108	-92	-10	-436	-465	-493
1952	-317	-589	0	-165	-421	-748	-222	-186	-411	-338	-346	-472
1953	-383	-444	-153	-252	-356	-404	0	-95	-13	-424	-539	-488
1954	-337	-372	-99	-215	-32	-408	-89	-18	-107	-390	-379	-493
1955	-313	-588	-143	-138	-89	-22	-34	-34	-6	-280	137	-179
1956	-39	-88	-158	-553	-461	-501	-52	-108	-359	-336	-375	-482
1957	-434	-413	-114	-361	-28	-326	-2	-15	-11	-401	-481	-464
1958	-310	-505	0	-33	-449	-680	-148	-197	-371	-348	-311	-476
1959	-404	-442	-116	-221	-38	-298	2	-5	-7	-453	-471	-333
1960	-31	-105	5	-94	-31	-281	62	-1	-27	-468	-52	-181
1961	-34	-18	-57	-26	-25	-63	0	-22	-4	-359	-31	-195
1962	-25	-42	15	-41	-66	-447	-16	-32	-9	-420	-420	-400
1963	-140	-347	0	-31	-324	-384	-20	-92	-115	-314	-348	-463
1964	-381	-531	-6	-368	-79	-56	-22	-29	-6	-484	185	-93
1965	-3	-54	0	-301	-468	-402	-117	-27	-112	-311	-509	-419
1966	-336	-403	-72	-398	-112	-424	-1	-12	-8	-466	-524	-250
1967	-49	-33	0	-133	-347	-543	-110	-55	-408	-301	-359	-461
1968	-318	-438	-118	-367	-32	-144	0	-2	-8	-460	-524	-428
1969	-146	-188	-181	-418	-498	-345	-313	-525	-345	-337	-367	-414
1970	-271	-276	-7	-477	-410	-452	-22	-35	-12	-240	-531	-436
1971	-208	-444	-7	-351	-336	-411	-65	-92	-108	-355	-511	-404
1972	-406	-331	-116	-355	35	-267	-26	-31	-7	-396	-294	-153
1973	-121	-174	0	-151	-422	-530	-61	-96	-128	-435	-523	-364
1974	-327	-212	-174	-160	-355	-453	-93	-92	-115	-308	-540	-388
1975	-335	-395	-108	-368	-240	-442	-77	-92	-343	-430	-309	-482
1976	-474	-263	-120	-360	-96	-28	-30	-29	5	-170	254	-17
1977	-23	-86	-54	94	-38	-28	0	20	12	10	128	-51
1978	49	-18	-9	-45	-299	-620	-202	-99	-339	-362	-335	-421
1979	-288	-541	-314	-159	-137	-614	-94	-109	-19	-425	-260	-369
1980	-93	-107	-307	-180	-290	-328	-97	-118	-320	-347	-322	-275
1981	-189	-438	-137	-135	-119	-271	19	5	-5	-405	-34	-224
1982	-79	-45	-4	-258	-728	-623	-378	-301	-356	-331	-301	-366
1983	-322	-278	-312	-805	-355	-314	-362	-463	-538	-325	-374	-493
1984	-470	-385	-562	-498	-254	-465	-33	-67	-16	-177	-367	-485
1985	-414	-72	-116	-368	-100	-48	0	0	-8	-403	-340	-224
1986	-32	-225	4	-28	-446	-536	-68	-23	-279	-359	-332	-249
1987	-217	-148	-40	-362	-28	-311	83	-14	41	-41	214	-78
1988	0	0	-3	-26	112	-84	-14	-21	-4	-161	188	-7
1989	35	-73	-36	-25	-15	-42	0	0	-101	-488	-154	-385
1990	-167	-2	-7	-25	-88	-55	6	-6	-3	-204	-22	-29
1991	50	30	115	-5	-2	-34	0	0	-112	-112	-39	1
1992	43	21	106	-22	-33	-63	-9	-17	-2	-144	-41	-76
1993	36	40	1	-110	-424	-476	-89	-92	-345	-392	-196	-483
1994	-210	-440	-144	-125	-49	-106	-10	-21	-4	-354	-99	-223
1995	8	-55	-15	-59	-358	-600	-207	-478	-415	-145	-332	-457
1996	-284	-422	0	-266	-455	-483	-103	-109	-339	-367	-376	-493
1997	-405	-512	-139	-477	-446	-344	-26	-68	-14	-210	-531	-493
1998	-294	-289	-125	-250	-446	-432	-174	-144	-462	-341	-358	-461
1999	-413	-337	-40	-382	-652	-557	-89	-35	-114	-297	-518	-452
2000	-374	-375	-95	-220	-235	-472	-15	-92	-111	-275	-525	-493
2001	-186	-480	77	-136	-31	-89	0	-9	-55	-104	142	-88
2002	-52	-2	0	-37	-237	-297	0	0	-5	-452	-131	-228
2003	-23	-138	0	-118	-123	-409	-89	-92	-108	-252	-352	-485

Table p-1: Total Exports in 1,000 acre-feet Under No Action Alternative (NAA)

WY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1922	248	485	724	436	367	595	116	125	590	714	724	620
1923	344	444	528	523	407	384	106	92	341	669	587	652
1924	441	344	342	397	148	68	81	68	33	99	274	204
1925	328	293	384	394	167	400	110	115	292	667	301	497
1926	314	358	390	392	151	113	205	163	180	471	313	333
1927	293	671	456	288	431	443	89	92	342	669	716	612
1928	451	658	719	421	262	423	120	92	262	572	698	610
1929	280	328	573	401	361	205	120	68	57	203	104	218
1930	263	236	328	290	271	288	113	117	189	546	294	506
1931	268	271	279	397	228	114	65	88	42	59	97	185
1932	240	230	724	420	424	310	89	92	88	457	246	383
1933	286	289	309	401	366	157	112	120	45	77	300	202
1934	258	231	356	391	249	114	54	55	40	62	53	158
1935	217	397	455	420	327	303	325	266	339	480	515	598
1936	441	333	480	265	555	468	92	92	335	644	592	635
1937	551	315	489	290	604	497	142	168	347	480	416	394
1938	370	671	612	498	515	509	297	594	652	714	724	650
1939	358	218	711	415	379	171	94	92	41	409	451	310
1940	324	261	334	313	380	644	134	92	324	477	694	661
1941	368	367	548	487	728	748	144	205	450	714	724	639
1942	339	443	569	606	549	597	132	152	459	714	724	654
1943	448	444	483	688	580	702	152	101	318	449	712	606
1944	359	350	505	415	418	304	90	92	220	559	115	343
1945	332	506	717	418	504	498	93	92	232	689	644	508
1946	443	413	592	478	429	480	89	92	236	598	707	671
1947	433	342	727	423	342	138	136	133	195	428	262	297
1948	414	455	366	245	102	292	89	92	318	669	710	637
1949	513	396	488	392	365	200	89	92	204	559	228	379
1950	310	413	380	263	282	405	99	96	219	626	538	665
1951	575	671	755	693	383	523	108	92	206	479	694	671
1952	448	589	469	555	568	748	222	266	582	694	724	671
1953	383	444	719	347	423	484	92	95	229	714	723	666
1954	337	372	683	252	278	408	89	92	310	435	715	671
1955	442	588	715	437	364	237	144	130	44	497	112	385
1956	323	404	664	805	635	501	91	108	434	714	724	661
1957	434	413	708	402	158	326	89	92	207	572	724	642
1958	613	521	452	310	449	680	299	197	506	714	724	671
1959	409	442	718	265	306	405	93	92	45	682	709	599
1960	334	359	284	396	214	281	65	127	180	688	373	385
1961	311	423	378	404	163	287	91	96	26	597	339	397
1962	283	294	319	376	349	447	89	92	200	713	724	616
1963	694	671	434	294	324	440	89	92	345	614	724	642
1964	381	623	601	412	360	286	109	106	53	691	138	300
1965	303	338	489	630	530	484	117	92	338	662	724	598
1966	336	671	737	488	421	424	89	92	198	675	709	457
1967	343	411	476	456	402	581	257	256	652	711	724	665
1968	318	438	716	415	269	427	104	92	196	702	709	642
1969	459	454	716	747	544	345	313	594	671	714	724	592
1970	305	276	497	805	552	599	89	92	219	610	715	615
1971	208	458	485	405	378	411	98	92	308	629	696	583
1972	406	331	715	389	170	267	185	169	191	675	479	365
1973	448	671	464	354	477	530	89	96	340	699	707	543
1974	526	671	507	508	421	524	112	92	344	713	724	566
1975	392	395	721	411	343	589	90	92	358	714	724	661
1976	522	263	716	400	381	237	120	97	32	370	123	258
1977	294	331	286	267	164	89	65	68	8	80	97	222
1978	204	214	304	353	584	620	202	238	411	714	724	671
1979	479	544	720	477	484	614	99	118	243	644	454	608
1980	455	445	717	622	290	328	115	118	416	714	724	470
1981	396	438	716	413	313	338	89	92	191	643	365	442
1982	409	671	450	473	728	623	527	301	435	714	724	671
1983	694	671	755	805	355	314	362	463	671	694	694	671
1984	596	575	562	498	511	543	89	92	239	612	709	664
1985	514	671	715	417	387	336	127	100	197	682	524	471
1986	366	547	497	261	728	732	199	165	355	608	694	427
1987	301	148	451	402	238	311	65	150	146	213	131	287
1988	306	267	388	289	63	146	98	96	36	239	100	221
1989	219	337	410	387	142	125	104	93	280	707	472	628
1990	448	253	229	376	348	105	65	104	26	388	228	241
1991	229	215	104	199	50	135	93	95	183	307	151	177
1992	234	212	121	370	182	281	89	72	22	203	216	268
1993	225	196	367	395	462	476	89	92	376	714	573	662
1994	358	440	712	390	326	270	89	118	27	586	291	403
1995	257	322	358	380	429	748	219	594	621	694	724	664
1996	284	422	452	352	746	707	103	109	349	714	724	671
1997	405	512	755	805	728	618	89	68	232	431	715	671
1998	314	289	716	375	728	748	217	269	671	704	724	671
1999	471	671	480	487	658	557	89	92	342	636	724	630
2000	374	375	681	274	591	648	89	92	320	416	715	671
2001	404	480	525	421	292	325	138	138	185	252	177	312
2002	282	381	480	324	359	297	105	136	189	709	413	426
2003	282	402	471	370	373	409	89	92	304	500	724	663

Data extracted from DWR 500 by using MBK script
 Key: CalSim Arc = D419+D418

Table p-2: Total Exports in 1,000 acre-feet Under CWF H3+

WY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1922	288	356	678	352	558	585	116	553	739	791	502	219
1923	340	233	807	470	396	367	106	90	59	864	809	443
1924	444	349	342	346	173	120	106	93	65	130	265	204
1925	329	324	382	415	494	141	110	62	291	636	413	405
1926	374	359	391	428	462	153	205	163	259	413	335	322
1927	296	450	551	652	709	408	81	82	472	726	777	285
1928	443	483	617	479	536	596	120	95	592	686	365	415
1929	384	249	582	320	352	223	123	109	89	130	336	219
1930	289	257	391	380	366	424	114	118	319	388	376	326
1931	331	271	267	418	248	92	89	91	66	61	232	184
1932	273	253	525	566	408	92	75	78	193	244	349	351
1933	335	291	311	432	335	162	117	122	79	76	295	202
1934	250	261	379	418	278	92	79	55	77	62	58	158
1935	241	545	258	588	328	585	503	266	537	592	353	386
1936	510	332	480	623	576	315	94	90	514	667	465	414
1937	503	362	602	313	592	620	142	168	435	577	398	425
1938	457	723	648	643	393	509	573	713	780	822	820	662
1939	289	109	654	88	330	108	104	92	73	475	247	313
1940	324	261	332	481	809	727	550	95	461	640	627	340
1941	398	280	883	814	778	548	510	205	235	881	888	621
1942	342	176	887	729	639	597	132	152	536	881	584	334
1943	360	167	562	882	661	794	152	101	83	811	830	333
1944	357	171	621	90	479	403	93	83	257	389	351	339
1945	333	747	469	441	647	502	65	62	452	814	488	409
1946	443	675	887	835	432	176	87	88	633	653	390	306
1947	449	298	683	324	346	92	136	133	238	746	341	296
1948	396	437	347	263	99	367	92	94	527	824	750	470
1949	593	354	519	337	318	558	87	91	314	377	426	407
1950	300	336	376	286	524	92	99	97	553	774	453	446
1951	411	834	887	437	380	539	108	91	610	560	530	314
1952	391	417	803	863	665	547	463	616	706	823	821	697
1953	217	115	732	648	547	509	94	97	620	664	489	372
1954	204	87	658	303	601	336	86	86	595	563	804	372
1955	390	370	676	452	342	253	146	138	79	386	264	396
1956	287	465	887	805	692	501	93	108	355	881	802	422
1957	276	145	645	91	171	92	91	91	381	704	690	308
1958	718	443	564	804	426	491	570	197	586	881	888	505
1959	285	138	653	154	663	230	95	93	136	756	693	454
1960	305	256	321	346	449	92	128	127	387	492	365	354
1961	286	600	379	430	583	419	93	92	115	587	333	302
1962	269	273	391	375	642	92	84	86	399	820	776	376
1963	870	763	694	345	486	503	582	80	602	827	869	617
1964	223	484	645	148	332	270	124	100	87	411	339	295
1965	303	549	845	882	562	510	117	82	560	756	486	195
1966	308	474	714	250	631	198	92	89	490	691	617	358
1967	316	619	772	491	555	585	570	713	780	823	821	701
1968	237	138	647	144	741	781	104	94	651	581	417	385
1969	525	561	685	882	546	345	398	582	696	823	800	560
1970	306	82	630	882	642	655	81	78	671	551	416	276
1971	360	490	887	484	393	186	98	88	527	767	576	188
1972	315	111	671	92	318	92	185	170	236	809	449	367
1973	430	834	592	738	555	536	91	97	692	538	483	244
1974	520	834	887	805	567	624	555	88	651	723	478	291
1975	267	131	671	92	326	700	93	80	387	807	884	407
1976	470	80	646	82	333	260	126	96	68	287	395	289
1977	294	247	232	362	156	92	65	87	50	89	225	171
1978	253	220	339	784	781	391	202	238	213	881	888	763
1979	488	226	443	383	615	314	91	68	605	544	475	389
1980	471	696	465	882	297	328	115	118	202	881	888	284
1981	402	165	627	447	483	310	109	97	433	597	346	331
1982	413	834	887	768	425	505	572	301	378	881	888	839
1983	789	736	755	380	305	314	361	489	669	822	761	671
1984	592	516	543	498	511	543	91	68	465	745	776	406
1985	418	766	687	98	347	335	127	100	238	805	456	445
1986	341	523	552	371	781	749	199	165	114	756	837	242
1987	312	85	449	92	347	144	160	143	237	172	345	232
1988	306	266	439	597	222	92	98	97	86	78	291	213
1989	253	340	411	407	159	431	104	96	371	639	503	466
1990	429	253	229	404	314	92	86	104	53	256	221	226
1991	279	251	218	194	83	388	94	95	100	213	131	216
1992	278	233	227	386	303	332	88	68	62	59	178	215
1993	261	236	410	795	538	456	73	81	392	842	863	566
1994	320	180	615	317	430	205	91	118	53	560	247	374
1995	267	323	394	836	571	701	436	629	741	822	821	705
1996	227	89	546	455	809	777	103	109	156	879	826	447
1997	313	233	887	882	781	719	79	84	603	754	461	225
1998	263	234	645	500	781	869	553	670	745	823	821	709
1999	485	778	737	466	506	539	90	83	620	666	536	189
2000	344	120	636	137	809	730	87	87	625	622	459	328
2001	326	183	651	363	485	491	138	138	267	148	338	279
2002	282	464	768	841	415	197	106	136	594	693	402	424
2003	270	349	639	806	736	147	76	80	481	709	871	617

Data extracted from DWR 1077 for CWF H3+ by using MBK script
 Key: CalSim Arc = D419+D418

Table p-3: Change in Total Exports in 1,000 acre-feet Under CWF H3+ (CWF H3+ minus NAA)

WY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1922	40	-129	-46	-84	191	-10	0	429	149	78	-222	-401
1923	-4	-211	279	-52	-11	-17	0	-3	-282	195	222	-209
1924	3	6	0	-51	25	52	26	25	32	31	-9	0
1925	1	30	-1	20	327	-259	0	-53	-1	-31	112	-92
1926	60	1	0	36	311	40	0	0	79	-58	22	-11
1927	3	-221	94	364	278	-35	-9	-11	130	57	61	-328
1928	-8	-175	-102	58	274	173	0	3	331	114	-333	-195
1929	104	-78	9	-81	-9	18	3	41	33	-73	233	1
1930	26	21	63	90	95	136	1	1	130	-158	82	-180
1931	63	0	-12	21	20	-22	24	2	23	2	135	-1
1932	33	23	-198	146	-16	-217	-14	-14	106	-212	103	-32
1933	49	3	2	31	-30	6	5	2	34	-1	-6	0
1934	-7	31	23	27	30	-22	25	0	36	0	5	0
1935	24	148	-196	169	1	282	178	0	198	112	-162	-212
1936	70	-1	0	359	21	-153	1	-2	180	22	-127	-221
1937	-48	47	112	23	-12	123	0	0	88	97	-18	32
1938	87	52	36	145	-122	0	276	119	127	109	96	12
1939	-69	-109	-57	-327	-49	-63	10	0	32	67	-204	4
1940	0	0	-1	168	429	83	416	2	137	162	-67	-321
1941	30	-87	334	327	50	-199	365	0	-215	167	163	-18
1942	4	-266	318	124	91	1	0	0	77	167	-140	-320
1943	-88	-277	79	195	80	92	0	0	-234	361	117	-273
1944	-2	-179	116	-325	61	98	3	-9	37	-170	236	-4
1945	1	241	-248	24	143	4	-28	-30	219	124	-156	-100
1946	0	262	295	357	4	-303	-2	-4	397	55	-317	-365
1947	16	-43	-44	-99	4	-46	0	0	43	318	79	-1
1948	-18	-18	-19	18	-3	75	2	2	208	155	40	-166
1949	81	-43	31	-55	-47	358	-2	-2	111	-182	198	29
1950	-9	-77	-4	23	242	-313	0	1	334	148	-84	-219
1951	-164	163	132	-256	-2	16	0	-1	404	81	-164	-357
1952	-57	-173	333	308	96	-200	241	350	124	129	96	25
1953	-165	-330	13	301	124	25	1	2	391	-50	-235	-294
1954	-134	-285	-25	51	323	-72	-3	-6	285	128	89	-299
1955	-52	-218	-39	15	-22	16	2	8	35	-111	152	11
1956	-36	61	223	0	57	0	2	0	-79	167	78	-239
1957	-157	-268	-63	-310	13	-233	2	-2	173	132	-35	-335
1958	105	-78	113	494	-23	-190	272	0	79	167	163	-166
1959	-124	-303	-65	-111	357	-175	2	1	92	74	-15	-145
1960	-28	-103	37	-49	235	-189	62	0	207	-196	-8	-31
1961	-26	177	1	26	420	133	2	-4	89	-10	-6	-95
1962	-14	-21	72	-1	292	-355	-5	-6	199	107	52	-241
1963	177	92	260	52	162	64	492	-12	257	213	145	-25
1964	-158	-138	44	-264	-28	-16	15	-6	34	-280	201	-5
1965	0	212	356	252	31	26	0	-11	222	94	-238	-402
1966	-28	-197	-23	-238	210	-226	3	-3	291	16	-92	-99
1967	-27	208	295	34	153	4	313	458	127	111	97	36
1968	-81	-301	-69	-271	472	354	0	2	455	-121	-292	-257
1969	66	108	-30	135	2	0	85	-12	25	109	76	-32
1970	1	-195	134	77	90	55	-8	-14	453	-59	-300	-339
1971	153	32	402	79	15	-225	0	-4	219	138	-120	-395
1972	-91	-220	-45	-296	148	-175	0	2	45	134	-29	2
1973	-18	163	128	384	78	6	1	1	352	-161	-224	-299
1974	-6	163	380	297	145	100	443	-4	307	10	-246	-275
1975	-124	-264	-50	-319	-17	111	2	-13	28	93	160	-254
1976	-52	-183	-70	-318	-48	23	6	-1	36	-84	272	31
1977	0	-84	-54	94	-7	4	0	20	42	10	128	-51
1978	49	6	35	431	197	-229	0	0	-197	167	163	91
1979	9	-319	-277	-95	131	-300	-8	-51	363	-101	21	-219
1980	17	252	-252	261	7	1	0	0	-214	167	163	-185
1981	6	-273	-89	34	170	-28	19	5	242	-46	-19	-111
1982	4	163	437	295	-303	-118	46	0	-56	167	163	167
1983	95	65	0	-425	-50	0	-1	26	-2	128	68	0
1984	-5	-59	-19	0	0	0	1	-25	226	133	66	-258
1985	-95	95	-28	-318	-41	-1	0	0	41	123	-68	-25
1986	-24	-24	54	110	54	17	0	0	-241	148	143	-185
1987	11	-63	-2	-310	110	-167	95	-7	91	-41	214	-55
1988	0	0	50	308	159	-54	1	1	50	-161	191	-7
1989	35	2	2	20	17	307	0	3	91	-68	31	-162
1990	-19	0	0	27	-34	-12	20	0	26	-132	-7	-15
1991	50	36	115	-5	33	253	1	0	-83	-94	-20	38
1992	43	21	106	16	121	50	-1	-4	40	-144	-38	-53
1993	36	40	43	400	76	-20	-16	-11	16	128	290	-95
1994	-38	-260	-97	-73	104	-65	2	0	27	-26	-44	-29
1995	11	2	36	456	142	-47	217	34	121	129	97	41
1996	-58	-333	94	103	63	70	0	0	-193	166	102	-224
1997	-93	-279	132	77	54	101	-10	17	372	322	-254	-446
1998	-51	-55	-71	124	54	121	336	402	74	119	97	38
1999	14	107	257	-21	-152	-18	0	-9	278	30	-188	-441
2000	-31	-254	-45	-137	218	82	-2	-5	305	207	-256	-343
2001	-79	-297	127	-58	193	166	0	0	81	-104	161	-34
2002	0	83	288	517	56	-100	0	0	405	-16	-12	-2
2003	-12	-53	168	435	363	-262	-13	-12	177	209	147	-46

Table q-1: CVP Settlement Contractor Deliveries in 1,000 acre-feet Under No Action Alternative (NAA)

WY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1922	68	24	0	1	0	1	339	308	425	414	306	84
1923	54	8	0	0	0	32	249	329	416	422	312	53
1924	73	31	13	0	0	22	299	280	351	345	259	66
1925	43	21	0	3	0	0	229	242	408	425	313	73
1926	82	26	10	0	0	15	173	301	441	421	305	85
1927	57	5	11	0	0	1	292	309	402	418	309	85
1928	58	16	4	0	0	0	253	317	421	414	306	81
1929	78	13	5	6	0	8	277	289	310	355	267	68
1930	68	33	0	0	0	0	240	292	431	418	309	70
1931	76	25	16	0	0	30	311	245	326	353	265	67
1932	51	21	0	1	0	9	332	284	408	412	305	81
1933	81	32	8	0	0	17	309	258	351	346	260	66
1934	4	25	0	4	0	5	277	266	347	355	163	15
1935	6	10	8	0	0	0	155	308	443	423	313	83
1936	61	26	8	0	0	2	261	295	380	417	310	81
1937	80	38	9	0	0	0	260	326	401	419	311	85
1938	62	10	2	0	0	0	224	298	434	420	311	71
1939	60	28	13	4	13	38	320	244	347	341	258	55
1940	60	28	10	0	0	0	253	268	429	420	311	82
1941	58	21	0	0	0	0	140	244	436	429	318	87
1942	60	21	0	0	0	0	148	272	442	426	315	85
1943	78	22	2	0	0	0	238	316	423	417	310	84
1944	78	29	9	0	0	6	293	282	412	417	309	84
1945	67	12	7	1	0	0	292	272	400	421	312	86
1946	48	18	0	6	0	5	352	314	421	405	304	79
1947	76	21	2	7	0	2	299	315	386	423	312	87
1948	50	24	12	7	6	12	123	217	393	439	324	78
1949	72	30	2	4	0	0	288	282	424	414	305	81
1950	82	27	12	0	0	4	319	328	424	415	307	77
1951	50	15	0	0	0	3	334	268	429	417	308	83
1952	52	14	0	0	0	0	268	315	393	414	309	82
1953	82	22	0	0	0	10	261	298	410	422	288	87
1954	76	17	15	0	0	0	213	314	422	421	282	83
1955	79	11	3	0	0	23	289	321	423	411	304	69
1956	74	20	0	0	0	16	303	271	414	418	310	76
1957	58	35	17	0	0	11	293	281	442	426	317	43
1958	51	31	6	0	0	0	154	266	413	416	315	85
1959	81	36	12	0	0	8	361	335	420	413	299	35
1960	81	38	11	0	0	0	290	289	426	414	308	83
1961	78	11	8	0	0	0	286	306	409	417	304	75
1962	79	17	6	5	0	0	317	317	413	417	306	81
1963	44	28	5	0	0	0	139	283	439	427	317	86
1964	57	9	15	0	0	26	379	329	397	410	300	74
1965	58	10	3	0	0	16	238	323	429	419	265	85
1966	83	8	8	0	0	7	350	328	416	406	300	80
1967	81	5	4	0	0	0	128	312	371	427	316	85
1968	80	25	12	0	0	0	305	316	398	418	278	85
1969	64	16	0	0	0	0	287	327	414	413	306	81
1970	64	28	0	0	0	0	330	330	397	413	305	82
1971	63	4	2	3	0	11	366	274	416	414	306	78
1972	79	27	3	5	1	43	357	323	413	417	309	65
1973	51	6	7	0	0	0	289	317	427	415	307	77
1974	54	5	5	0	0	0	236	322	428	368	315	88
1975	60	27	2	7	0	0	254	323	431	408	303	85
1976	49	30	15	8	13	57	338	343	420	415	272	73
1977	81	29	13	0	7	36	334	212	355	352	268	42
1978	67	16	2	0	0	0	194	310	433	420	311	66
1979	85	22	14	0	0	0	267	319	432	418	306	80
1980	52	16	0	0	0	0	267	297	409	413	310	82
1981	76	32	4	0	0	0	251	294	435	422	314	74
1982	50	6	2	0	0	0	171	322	402	429	319	56
1983	47	8	7	0	0	0	153	294	424	429	307	70
1984	75	3	0	7	0	9	353	337	415	414	291	80
1985	57	3	10	5	0	0	301	327	423	417	306	56
1986	67	11	7	0	0	0	256	307	430	419	310	58
1987	79	35	12	0	0	1	307	332	422	410	303	81
1988	72	17	0	0	0	29	298	281	399	415	307	83
1989	82	19	6	7	4	1	285	343	417	430	316	22
1990	54	27	17	0	0	12	367	212	429	417	295	80
1991	79	31	13	7	3	0	214	260	361	369	277	70
1992	62	26	5	0	0	0	257	324	391	417	310	85
1993	54	30	0	0	0	0	273	236	385	428	314	90
1994	67	20	10	0	0	9	284	222	364	358	269	67
1995	64	9	4	0	0	0	247	245	397	421	312	84
1996	85	37	0	0	0	0	243	210	436	424	315	82
1997	63	21	0	0	0	17	372	320	404	415	288	76
1998	64	7	8	0	0	0	222	141	419	435	324	84
1999	72	18	13	1	0	0	261	316	401	416	305	82
2000	76	21	17	0	0	0	249	256	410	423	316	72
2001	49	29	16	0	0	0	262	326	411	416	308	74
2002	72	8	0	0	0	10	369	287	420	410	303	81
2003	81	19	0	0	0	0	185	266	443	427	280	87

Data extracted from DWR 500 by using MBK script
 Key: CalSim Arc = DEL_CVP_PSC_N

Table q-2: CVP Settlement Contractor Deliveries in 1,000 acre-feet Under CWF H3+

WY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1922	68	24	0	1	0	1	339	308	425	414	306	84
1923	54	8	0	0	0	32	249	329	416	422	312	53
1924	73	31	13	0	0	22	299	280	351	345	259	66
1925	43	21	0	3	0	0	229	242	408	425	313	73
1926	82	26	10	0	0	15	173	301	441	421	305	85
1927	57	5	11	0	0	1	292	309	402	418	309	85
1928	58	16	4	0	0	0	253	317	421	414	306	81
1929	78	13	5	6	0	8	277	289	310	355	267	68
1930	68	33	0	0	0	0	240	292	431	418	309	70
1931	76	25	16	0	0	30	311	245	326	353	265	67
1932	6	21	0	1	0	9	332	284	408	412	305	81
1933	81	32	8	0	0	17	309	258	351	346	260	51
1934	4	18	0	4	0	5	277	266	347	355	148	15
1935	0	10	8	0	0	0	155	308	443	423	313	83
1936	61	26	8	0	0	2	261	295	380	417	310	81
1937	80	38	9	0	0	0	260	326	401	419	311	85
1938	62	10	2	0	0	0	224	298	434	420	311	71
1939	60	28	13	4	13	38	320	244	347	341	258	55
1940	60	28	10	0	0	0	253	268	429	420	311	82
1941	58	21	0	0	0	0	140	244	436	429	318	87
1942	60	21	0	0	0	0	148	272	442	426	315	85
1943	78	22	2	0	0	0	238	316	423	417	310	84
1944	78	29	9	0	0	6	293	282	412	417	309	84
1945	67	12	7	1	0	0	292	272	400	421	312	86
1946	48	18	0	6	0	5	352	314	421	405	304	79
1947	76	21	2	7	0	2	299	315	386	423	312	87
1948	50	24	12	7	6	12	123	217	392	438	323	77
1949	72	30	2	4	0	0	288	282	424	414	305	81
1950	82	27	12	0	0	4	319	328	424	415	307	77
1951	50	15	0	0	0	3	334	268	429	417	308	83
1952	52	14	0	0	0	0	268	315	393	414	309	82
1953	82	22	0	0	0	10	261	298	410	422	288	87
1954	76	17	15	0	0	0	213	314	422	421	282	83
1955	79	11	3	0	0	23	289	321	423	411	304	69
1956	74	20	0	0	0	16	303	271	414	418	310	76
1957	58	35	17	0	0	11	293	281	442	426	317	43
1958	51	31	6	0	0	0	154	266	413	416	315	85
1959	81	36	12	0	0	8	361	335	420	413	299	35
1960	81	38	11	0	0	0	290	289	426	414	308	83
1961	78	11	8	0	0	0	286	306	409	417	304	75
1962	79	17	6	5	0	0	317	317	413	417	306	81
1963	44	28	5	0	0	0	139	283	439	427	317	86
1964	57	9	15	0	0	26	379	329	397	410	300	74
1965	58	10	3	0	0	16	238	323	429	419	265	85
1966	83	8	8	0	0	7	350	328	416	406	300	80
1967	81	5	4	0	0	0	128	312	371	427	316	85
1968	80	25	12	0	0	0	305	316	398	418	278	85
1969	64	16	0	0	0	0	287	327	414	413	306	81
1970	64	28	0	0	0	0	330	330	397	413	305	82
1971	63	4	2	3	0	11	366	274	416	414	306	78
1972	79	27	3	5	1	43	357	323	413	417	309	65
1973	51	6	7	0	0	0	289	317	427	415	307	77
1974	54	5	5	0	0	0	236	322	428	368	315	88
1975	60	27	2	7	0	0	254	323	431	408	303	85
1976	49	30	15	8	13	57	338	343	420	415	272	73
1977	81	29	13	0	7	36	334	212	355	352	268	42
1978	67	16	2	0	0	0	194	310	433	420	311	66
1979	85	22	14	0	0	0	267	319	432	418	306	80
1980	52	16	0	0	0	0	267	297	409	413	310	82
1981	76	32	4	0	0	0	251	294	435	422	314	74
1982	50	6	2	0	0	0	171	322	402	429	319	56
1983	47	8	7	0	0	0	153	294	424	429	307	70
1984	75	3	0	7	0	9	353	337	415	414	291	80
1985	57	3	10	5	0	0	301	327	423	417	306	56
1986	67	11	7	0	0	0	256	307	430	419	310	58
1987	79	35	12	0	0	1	307	332	422	410	303	81
1988	72	17	0	0	0	29	298	281	399	415	307	83
1989	82	19	6	7	4	1	285	343	417	430	316	22
1990	54	27	17	0	0	12	367	212	429	417	295	80
1991	79	31	13	7	3	0	214	260	361	369	277	70
1992	62	26	5	0	0	0	257	324	391	417	310	85
1993	54	30	0	0	0	0	273	236	384	426	313	89
1994	67	20	10	0	0	9	284	222	364	358	269	67
1995	64	9	4	0	0	0	247	245	397	421	312	84
1996	85	37	0	0	0	0	243	210	436	424	315	82
1997	63	21	0	0	0	17	372	320	404	415	288	76
1998	64	7	8	0	0	0	222	141	419	435	324	84
1999	72	18	13	1	0	0	261	316	401	416	305	82
2000	76	21	17	0	0	0	249	257	411	424	317	73
2001	49	29	16	0	0	0	262	326	411	416	308	74
2002	72	8	0	0	0	10	369	287	420	410	303	81
2003	81	19	0	0	0	0	185	266	443	427	280	87

Data extracted from DWR 1077 for CWF H3+ by using MBK script
 Key: CalSim Arc = DEL_CVP_PSC_N

Table r-1: CVP Sac Valley Ag Deliveries in 1,000 acre-feet Under No Action Alternative (NAA)

WY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1922	5	0	0	0	0	0	44	58	73	82	66	32
1923	1	0	0	0	0	3	10	20	23	28	23	6
1924	3	0	0	0	0	0	2	2	2	3	2	1
1925	0	0	0	0	0	0	7	21	37	47	38	15
1926	7	0	0	0	0	0	1	3	5	5	4	2
1927	0	0	0	0	0	0	29	51	60	75	60	29
1928	1	0	0	0	0	0	9	25	31	35	29	14
1929	5	0	0	0	0	0	5	7	7	9	8	4
1930	1	0	0	0	0	0	0	0	0	0	0	0
1931	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
1933	0	0	0	0	0	0	0	0	0	0	0	0
1934	0	0	0	0	0	0	2	3	4	4	0	0
1935	0	0	0	0	0	0	0	9	14	16	13	6
1936	1	0	0	0	0	0	9	21	24	33	27	12
1937	5	1	0	0	0	0	6	17	19	24	19	9
1938	1	0	0	0	0	0	17	56	81	91	74	29
1939	5	0	0	0	4	11	27	23	31	34	28	10
1940	3	1	0	0	0	0	15	30	50	58	47	22
1941	1	0	0	0	0	0	7	37	79	95	76	37
1942	3	0	0	0	0	0	7	45	81	93	76	35
1943	11	0	0	0	0	0	13	38	48	55	45	22
1944	7	0	0	0	0	0	1	2	3	3	3	1
1945	0	0	0	0	0	0	12	19	27	34	28	13
1946	0	0	0	0	0	1	31	39	47	52	43	20
1947	7	0	0	0	0	0	6	9	10	13	11	5
1948	0	0	0	0	0	0	1	20	39	58	46	19
1949	4	0	0	0	0	0	12	20	30	33	27	13
1950	5	0	0	0	0	0	9	13	15	17	14	6
1951	0	0	0	0	0	1	32	35	55	62	50	24
1952	0	0	0	0	0	0	27	60	67	86	70	33
1953	13	0	0	0	0	2	21	49	64	78	57	31
1954	9	0	0	0	0	0	16	46	60	71	50	27
1955	9	0	0	0	0	2	8	14	17	19	15	6
1956	2	0	0	0	0	5	38	48	72	87	70	30
1957	5	2	0	0	0	2	24	30	44	50	40	7
1958	0	0	0	0	0	0	8	42	73	90	76	36
1959	13	2	0	0	0	1	27	34	39	44	34	7
1960	7	1	0	0	0	0	7	11	15	17	14	7
1961	2	0	0	0	0	0	9	18	22	27	21	9
1962	4	0	0	0	0	0	24	38	45	54	43	20
1963	0	0	0	0	0	0	6	46	81	94	76	36
1964	3	0	0	0	0	2	12	12	13	16	13	5
1965	1	0	0	0	0	2	9	38	47	54	36	21
1966	9	0	0	0	0	1	30	40	46	51	41	20
1967	8	0	0	0	0	0	7	54	62	92	75	35
1968	13	0	0	0	0	0	20	33	37	47	32	18
1969	3	0	0	0	0	0	31	63	72	84	68	32
1970	5	0	0	0	0	0	19	31	33	41	33	16
1971	3	0	0	0	0	2	32	30	42	50	40	18
1972	7	0	0	0	0	5	13	15	17	20	16	6
1973	0	0	0	0	0	0	25	49	61	69	56	25
1974	1	0	0	0	0	0	19	60	76	73	70	34
1975	4	0	0	0	0	0	22	62	78	85	69	34
1976	1	0	0	0	4	2	3	3	4	4	3	1
1977	1	0	0	0	0	0	0	0	0	0	0	0
1978	0	0	0	0	0	0	8	57	81	92	74	27
1979	15	0	0	0	0	0	8	18	23	26	21	9
1980	0	0	0	0	0	0	18	37	47	58	47	22
1981	8	1	0	0	0	0	11	27	41	46	37	15
1982	0	0	0	0	0	0	12	58	69	93	76	22
1983	0	0	0	0	0	0	7	50	77	94	73	29
1984	10	0	0	0	0	2	34	47	51	59	45	22
1985	2	0	0	0	0	0	17	31	37	42	33	10
1986	4	0	0	0	0	0	12	28	39	44	35	11
1987	6	1	0	0	0	0	5	7	8	8	7	3
1988	1	0	0	0	0	0	0	0	0	0	0	0
1989	0	0	0	0	0	0	7	13	14	17	14	1
1990	0	0	0	0	0	0	0	0	0	0	0	0
1991	0	0	0	0	0	0	1	3	4	5	4	2
1992	1	0	0	0	0	0	0	0	0	0	0	0
1993	0	0	0	0	0	0	18	26	45	62	49	25
1994	5	0	0	0	0	1	23	23	38	43	35	17
1995	5	0	0	0	0	0	21	43	70	92	74	35
1996	15	2	0	0	0	0	22	34	79	92	75	33
1997	4	0	0	0	0	3	33	37	41	51	38	18
1998	4	0	0	0	0	0	16	15	70	91	74	32
1999	6	0	0	0	0	0	29	58	68	85	68	33
2000	11	0	0	0	0	0	21	46	75	93	77	31
2001	0	0	0	0	0	0	5	10	12	14	12	5
2002	1	0	0	0	0	2	30	30	40	45	37	18
2003	7	0	0	0	0	0	10	44	82	94	66	37

Table r-2: CVP Sac Valley Ag Deliveries in 1,000 acre-feet Under CWF H3+

WY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1922	5	0	0	0	0	0	44	58	73	82	66	32
1923	1	0	0	0	0	4	10	22	24	30	24	6
1924	3	0	0	0	0	0	2	3	3	3	3	1
1925	0	0	0	0	0	0	8	24	42	54	43	17
1926	8	0	0	0	0	1	1	7	11	13	10	5
1927	1	0	0	0	0	0	32	55	64	80	65	31
1928	2	0	0	0	0	0	9	25	31	35	29	14
1929	5	0	0	0	0	0	6	9	8	11	9	4
1930	2	0	0	0	0	0	0	1	1	1	1	0
1931	0	0	0	0	0	1	2	2	2	3	2	1
1932	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
1934	0	0	0	0	0	0	2	3	4	4	0	0
1935	0	0	0	0	0	0	0	9	14	16	13	6
1936	1	0	0	0	0	0	9	20	24	32	26	12
1937	5	1	0	0	0	0	6	18	19	25	20	10
1938	1	0	0	0	0	0	17	56	81	91	74	29
1939	5	0	0	0	4	11	26	22	30	33	27	10
1940	3	1	0	0	0	0	19	39	64	73	59	27
1941	1	0	0	0	0	0	7	37	79	95	76	37
1942	3	0	0	0	0	0	6	45	81	93	76	35
1943	11	0	0	0	0	0	11	33	42	49	40	19
1944	6	0	0	0	0	0	2	3	4	5	4	2
1945	0	0	0	0	0	0	12	20	28	36	29	14
1946	0	0	0	0	0	1	32	40	48	53	43	20
1947	7	0	0	0	0	0	7	11	12	16	13	6
1948	0	0	0	0	0	0	2	22	44	65	52	22
1949	5	0	0	0	0	0	14	24	35	39	32	15
1950	6	0	0	0	0	0	8	12	14	16	13	6
1951	0	0	0	0	0	1	31	35	54	61	49	23
1952	0	0	0	0	0	0	27	60	67	86	70	33
1953	13	0	0	0	0	2	21	48	63	77	56	30
1954	9	0	0	0	0	0	16	46	60	71	50	27
1955	9	0	0	0	0	2	9	15	18	20	17	7
1956	2	0	0	0	0	5	38	48	72	87	70	30
1957	5	2	0	0	0	2	16	21	30	34	28	5
1958	0	0	0	0	0	0	8	42	73	90	76	36
1959	13	2	0	0	0	1	22	29	32	36	29	6
1960	6	1	0	0	0	0	9	14	20	23	19	9
1961	3	0	0	0	0	0	13	25	30	37	29	12
1962	5	0	0	0	0	0	22	35	41	49	40	18
1963	0	0	0	0	0	0	6	46	81	94	76	36
1964	3	0	0	0	0	2	10	11	11	14	11	5
1965	1	0	0	0	0	2	9	38	47	54	36	21
1966	9	0	0	0	0	1	25	34	39	43	35	17
1967	7	0	0	0	0	0	7	54	62	92	75	35
1968	13	0	0	0	0	0	21	34	39	49	34	19
1969	3	0	0	0	0	0	31	63	72	84	68	32
1970	5	0	0	0	0	0	18	29	31	38	31	15
1971	3	0	0	0	0	2	31	30	41	49	39	18
1972	7	0	0	0	0	6	14	15	17	20	16	6
1973	0	0	0	0	0	0	25	49	61	69	55	25
1974	1	0	0	0	0	0	19	61	77	74	72	35
1975	4	0	0	0	0	0	18	58	72	78	64	32
1976	1	0	0	0	4	2	3	5	5	6	4	2
1977	1	0	0	0	0	0	1	0	1	1	1	0
1978	0	0	0	0	0	0	9	57	81	92	74	27
1979	15	0	0	0	0	0	7	17	22	24	19	9
1980	0	0	0	0	0	0	19	37	48	59	48	22
1981	8	1	0	0	0	0	12	30	45	51	41	17
1982	0	0	0	0	0	0	12	58	69	93	76	22
1983	0	0	0	0	0	0	7	50	77	94	73	29
1984	10	0	0	0	0	2	34	47	51	59	45	22
1985	2	0	0	0	0	0	13	23	28	32	25	8
1986	3	0	0	0	0	0	12	29	39	44	36	12
1987	6	1	0	0	0	0	5	7	8	9	7	3
1988	1	0	0	0	0	1	2	3	4	4	4	2
1989	1	0	0	0	0	0	10	19	21	25	20	1
1990	1	0	0	0	0	0	0	0	0	0	0	0
1991	0	0	0	0	0	0	2	6	8	9	8	4
1992	1	0	0	0	0	0	0	0	0	0	0	0
1993	0	0	0	0	0	0	21	30	51	71	56	28
1994	5	0	0	0	0	1	23	24	39	44	35	17
1995	5	0	0	0	0	0	21	43	70	92	74	35
1996	15	2	0	0	0	0	22	34	79	93	75	34
1997	4	0	0	0	0	2	27	31	34	41	31	14
1998	4	0	0	0	0	0	16	15	70	91	74	32
1999	6	0	0	0	0	0	29	59	69	86	69	33
2000	12	0	0	0	0	0	19	41	67	84	69	28
2001	0	0	0	0	0	0	8	16	18	22	18	7
2002	2	0	0	0	0	2	36	36	48	54	44	21
2003	9	0	0	0	0	0	11	44	82	94	66	37

Data extracted from DWR 1077 for CWF H3+ by using MBK script
 Key: CalSim Arc = DEL_CVP_PAG_N

Table s-1: CVP Sac Valley M&I Deliveries in 1,000 acre-feet Under No Action Alternative (NAA)

WY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1922	18	14	12	11	12	14	23	26	29	30	28	23
1923	17	14	12	11	8	13	16	22	22	23	21	15
1924	10	8	6	9	10	11	17	15	19	19	13	8
1925	5	5	10	8	9	12	18	21	23	24	21	13
1926	9	6	5	9	10	11	13	17	19	19	16	9
1927	5	12	9	8	9	14	21	26	29	30	28	24
1928	17	10	12	11	12	12	18	20	22	23	22	19
1929	14	7	6	9	10	11	17	20	19	20	14	9
1930	7	5	10	8	9	10	15	15	17	18	16	11
1931	6	4	4	7	8	10	16	17	16	18	12	8
1932	5	4	9	8	4	10	15	17	17	16	14	8
1933	6	4	4	7	8	10	15	16	17	17	12	8
1934	4	4	9	7	8	11	16	17	18	18	13	4
1935	5	12	10	8	4	10	12	21	22	23	21	17
1936	8	5	5	9	9	12	19	22	23	24	21	16
1937	9	7	5	5	10	11	18	23	23	25	23	18
1938	11	14	11	9	10	14	21	26	29	30	28	19
1939	12	14	8	11	12	12	19	19	23	24	22	17
1940	8	7	6	9	10	12	21	24	25	26	24	21
1941	15	10	12	10	11	14	17	25	30	32	29	21
1942	17	14	12	11	12	14	17	25	31	32	29	20
1943	14	10	12	11	12	13	18	25	25	27	25	21
1944	17	11	7	10	11	11	16	18	17	18	16	9
1945	6	12	9	8	8	12	20	21	22	23	21	17
1946	8	14	11	9	10	13	23	24	26	27	25	20
1947	12	9	12	10	11	10	18	19	20	21	19	11
1948	6	5	5	8	5	10	14	21	25	26	24	18
1949	12	8	11	9	10	11	20	19	22	23	21	17
1950	11	6	6	9	10	11	18	20	23	23	20	12
1951	6	13	10	9	10	14	23	24	28	29	27	23
1952	14	10	12	11	11	14	22	27	28	30	28	19
1953	14	14	12	11	12	13	21	26	28	30	27	20
1954	17	10	8	11	12	12	20	26	28	30	27	23
1955	18	12	12	11	8	13	17	21	23	24	21	15
1956	8	14	11	9	10	16	23	24	29	30	28	19
1957	12	15	12	11	12	12	19	21	25	26	23	18
1958	9	12	11	10	10	13	17	26	29	31	29	20
1959	14	15	12	11	12	13	19	21	23	24	22	18
1960	11	9	6	10	10	11	18	21	23	22	18	11
1961	8	13	10	9	10	12	17	20	22	23	22	17
1962	11	7	11	6	10	12	22	23	25	26	24	19
1963	16	15	12	10	11	14	18	26	30	31	29	24
1964	16	10	12	11	8	12	19	18	21	23	20	16
1965	7	13	10	9	10	13	16	25	25	26	23	20
1966	14	9	12	10	11	14	22	23	26	26	25	20
1967	12	15	12	10	11	14	17	27	29	30	29	20
1968	14	14	8	11	12	12	20	22	22	24	21	19
1969	12	14	11	9	10	14	22	27	29	30	27	23
1970	12	14	12	11	12	12	20	20	21	22	21	18
1971	11	8	11	9	10	13	22	23	25	26	24	16
1972	17	13	12	10	11	13	18	20	22	23	22	17
1973	9	14	11	9	10	14	23	27	29	30	28	22
1974	14	16	12	11	12	14	21	28	29	28	28	20
1975	12	14	8	11	12	14	22	27	29	30	28	20
1976	11	14	12	11	12	13	17	18	19	19	17	10
1977	7	5	5	5	5	11	16	15	18	11	7	3
1978	2	5	10	8	9	12	19	27	29	30	28	22
1979	19	12	8	11	12	12	18	22	22	23	21	18
1980	10	14	11	9	10	13	21	25	26	27	25	21
1981	15	10	7	10	11	12	19	22	23	23	21	18
1982	11	14	11	9	10	14	18	29	30	32	30	18
1983	17	16	12	11	12	14	17	27	30	32	29	23
1984	13	16	12	11	12	15	24	26	27	29	26	22
1985	14	15	12	11	12	12	20	20	22	23	21	16
1986	9	8	11	9	10	12	19	22	24	23	22	16
1987	11	7	6	9	10	10	16	18	19	20	18	14
1988	7	5	10	8	5	11	15	16	17	18	13	8
1989	6	4	4	8	4	10	18	20	22	23	20	12
1990	7	5	5	9	5	11	16	15	19	17	14	7
1991	5	4	4	4	4	11	16	18	19	20	17	14
1992	5	5	4	8	9	11	13	15	16	18	16	8
1993	2	5	9	8	9	12	21	23	26	28	25	22
1994	16	13	11	10	11	12	20	21	22	23	20	16
1995	10	8	11	9	10	13	20	24	28	31	29	23
1996	15	10	12	11	12	14	22	23	31	32	29	21
1997	11	8	13	11	12	16	23	24	25	26	20	14
1998	9	7	12	11	11	14	21	21	31	33	30	20
1999	12	16	12	11	12	14	23	27	29	28	24	15
2000	10	8	7	11	12	14	23	26	30	32	27	20
2001	8	8	7	11	12	12	17	20	21	22	20	15
2002	8	13	11	9	10	12	21	22	22	25	23	20
2003	16	13	11	10	10	13	18	26	30	31	27	22

Data extracted from DWR 500 by using MBK script
 Key: CalSim Arc = DEL_CVP_PMI_N

Table s-2: CVP Sac Valley M&I Deliveries in 1,000 acre-feet Under CWF H3+

WY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1922	18	14	12	11	12	10	23	26	29	30	28	23
1923	17	14	12	11	8	13	16	22	23	23	21	15
1924	10	8	6	9	10	11	17	16	19	19	13	8
1925	5	5	10	8	9	12	18	22	25	26	23	13
1926	10	6	6	10	10	12	14	19	22	21	17	11
1927	5	13	10	8	9	10	21	26	26	30	28	24
1928	17	10	12	11	12	12	18	20	22	23	22	19
1929	14	7	6	9	10	11	17	20	19	20	15	10
1930	7	6	10	8	9	7	15	15	17	18	16	11
1931	6	4	4	7	8	11	17	18	17	19	13	3
1932	5	5	10	8	9	10	15	17	17	16	14	8
1933	6	4	4	7	8	9	15	16	17	17	12	7
1934	4	4	9	7	8	11	16	17	18	18	13	4
1935	2	5	4	8	9	6	12	21	22	23	21	17
1936	8	5	5	9	9	9	19	22	23	24	21	16
1937	9	7	5	5	10	7	18	23	23	25	23	18
1938	11	14	11	9	10	14	21	26	29	30	28	19
1939	12	14	8	11	12	7	19	19	23	24	22	17
1940	8	7	6	9	10	13	22	26	29	30	28	23
1941	17	12	12	11	12	14	17	25	31	32	29	21
1942	17	14	12	11	12	10	17	25	31	32	29	20
1943	14	10	12	11	12	12	17	23	25	25	23	20
1944	16	10	7	10	10	10	16	16	17	18	17	10
1945	6	4	9	8	9	11	20	21	22	23	21	17
1946	8	8	11	9	10	12	23	24	27	27	25	20
1947	12	10	12	10	11	9	18	20	20	22	20	12
1948	6	5	5	9	5	10	15	22	27	28	26	20
1949	13	9	12	10	11	6	20	19	22	23	21	17
1950	11	6	6	9	10	11	18	21	22	22	20	11
1951	6	13	10	9	9	10	23	24	28	29	27	22
1952	14	10	12	11	11	14	22	27	28	30	28	19
1953	14	14	12	11	12	12	21	26	28	30	27	20
1954	17	10	8	11	12	8	20	26	28	30	27	23
1955	18	12	12	11	12	10	18	21	23	24	21	15
1956	9	6	11	9	10	12	23	24	29	30	28	19
1957	12	15	12	11	12	7	18	20	23	24	22	17
1958	9	12	11	9	10	14	17	26	29	31	29	20
1959	14	15	12	11	12	12	20	20	22	22	21	14
1960	10	9	6	9	10	11	19	21	24	23	19	12
1961	8	6	11	9	10	6	17	20	22	23	22	17
1962	11	7	11	6	10	11	21	23	24	25	23	18
1963	15	8	11	10	10	13	18	26	30	31	29	24
1964	16	10	12	11	12	12	18	17	20	22	19	15
1965	7	13	10	9	9	12	16	25	25	26	23	20
1966	14	9	12	10	11	12	21	21	23	24	22	18
1967	11	14	11	10	10	14	17	27	29	30	29	20
1968	14	14	8	11	12	7	20	21	23	24	22	19
1969	13	8	11	9	10	14	22	27	29	30	27	23
1970	12	14	12	11	12	7	20	20	21	22	21	18
1971	11	8	11	9	10	9	22	22	24	25	24	16
1972	17	12	11	10	11	8	18	20	22	23	22	17
1973	9	14	11	9	10	14	23	27	29	30	28	22
1974	14	16	12	11	12	14	21	28	29	28	28	20
1975	12	14	12	11	12	13	22	27	29	30	28	20
1976	11	14	12	11	12	10	17	18	20	20	17	11
1977	7	5	5	5	5	11	16	15	18	11	7	3
1978	3	5	10	8	9	13	19	27	30	30	28	22
1979	19	12	8	11	12	7	18	22	22	23	21	18
1980	10	8	11	9	10	13	21	25	27	27	26	22
1981	15	10	12	10	11	7	20	21	24	25	23	19
1982	12	14	11	10	10	14	18	29	30	32	30	18
1983	11	16	12	11	12	14	17	27	30	32	29	23
1984	13	16	12	11	12	11	24	26	27	29	26	22
1985	14	10	12	11	12	11	20	20	22	23	21	16
1986	9	8	11	9	10	12	19	22	24	23	22	16
1987	11	7	6	9	10	6	16	18	20	20	18	14
1988	7	5	10	9	5	12	16	17	18	19	14	9
1989	7	5	10	8	4	6	19	22	24	25	22	13
1990	7	6	5	9	10	5	16	15	19	17	14	7
1991	5	4	4	4	4	9	17	19	20	21	18	14
1992	6	5	4	8	9	6	13	15	16	18	16	12
1993	5	5	9	8	9	7	22	24	28	30	28	24
1994	17	14	12	11	12	12	20	21	22	23	20	16
1995	10	8	11	9	10	14	20	24	28	31	29	23
1996	15	10	12	11	12	14	22	23	31	32	29	21
1997	11	8	13	11	12	15	21	22	23	24	18	12
1998	8	6	11	10	11	14	21	21	31	33	30	20
1999	12	8	12	11	12	14	23	27	29	28	24	15
2000	10	8	7	11	12	14	23	26	30	32	27	20
2001	8	8	7	11	12	8	19	22	24	25	22	16
2002	9	6	11	10	5	8	23	24	25	28	26	22
2003	18	14	12	11	11	13	18	26	30	31	27	22

Data extracted from DWR 1077 for CWF H3+ by using MBK script
 Key: CalSim Arc = DEL_CVP_PMI_N

Table s-3: Change in CVP Sac Valley M&I Deliveries in 1,000 acre-feet Under CWF H3+ (CWF H3+ minus NAA)

WY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1922	0	0	0	0	0	-4	0	0	0	0	0	0
1923	0	0	0	0	0	0	0	0	2	0	0	0
1924	0	0	0	0	0	0	0	0	0	0	0	0
1925	0	0	0	0	0	0	1	1	1	2	1	1
1926	1	0	0	0	0	1	1	2	2	2	2	1
1927	1	1	1	1	1	-4	0	0	-3	0	0	0
1928	0	0	0	0	0	0	0	0	0	0	0	0
1929	0	0	0	0	0	0	0	1	0	0	0	0
1930	0	0	0	0	0	-3	0	0	0	0	0	0
1931	0	0	0	0	0	1	1	1	1	1	1	-5
1932	0	0	0	0	5	0	0	0	0	0	0	0
1933	0	0	0	0	0	-1	0	0	0	0	0	-1
1934	0	0	0	0	0	0	0	0	0	0	0	0
1935	-4	-7	-5	0	5	-4	0	0	0	0	0	0
1936	0	0	0	0	0	-3	0	0	0	0	0	0
1937	0	0	0	0	0	-4	0	0	0	0	0	0
1938	0	0	0	0	0	0	0	0	0	0	0	0
1939	0	0	0	0	0	-6	0	0	0	0	0	0
1940	0	0	0	0	0	1	2	2	3	4	3	2
1941	2	1	1	1	1	0	0	0	0	0	0	0
1942	0	0	0	0	0	-4	0	0	0	0	0	0
1943	0	0	0	0	0	-1	-1	-1	-1	-2	-2	-1
1944	-1	-1	-1	-1	-1	-1	0	-2	0	0	0	0
1945	0	-8	0	0	0	-1	0	0	0	0	0	0
1946	0	-6	0	0	0	-1	0	0	0	0	0	0
1947	0	0	0	0	0	-1	0	1	1	1	1	1
1948	0	0	0	0	0	-1	1	1	2	2	2	1
1949	1	1	0	0	0	-5	0	0	0	0	0	0
1950	0	0	0	0	0	-1	0	1	0	0	0	0
1951	0	0	0	0	0	-4	0	0	0	0	0	0
1952	0	0	0	0	0	0	0	0	0	0	0	0
1953	0	0	0	0	0	-1	0	0	0	0	0	0
1954	0	0	0	0	0	-5	0	0	0	0	0	0
1955	0	0	0	0	4	-3	0	0	0	0	0	0
1956	0	-8	0	0	0	-4	0	0	0	0	0	0
1957	0	0	0	0	0	-5	-1	-1	-1	-2	-1	-1
1958	-1	-1	0	0	0	0	0	0	0	0	0	0
1959	0	0	0	0	0	-2	1	-1	-1	-1	-1	-3
1960	-1	-1	0	0	0	1	1	1	1	1	1	1
1961	0	-7	0	0	0	-5	0	0	0	0	0	0
1962	0	0	0	0	0	-1	-1	1	-1	-2	-1	-1
1963	0	-6	0	0	0	-1	0	0	0	0	0	0
1964	0	0	0	0	4	0	-1	-1	-1	-1	-1	0
1965	0	0	0	0	0	-1	0	0	0	0	0	0
1966	0	0	0	0	0	-2	-2	-2	-3	-3	-3	-2
1967	-1	-1	-1	-1	-1	0	0	0	0	0	0	0
1968	0	0	0	0	0	-5	0	-1	1	1	1	0
1969	0	-6	0	0	0	0	0	0	0	0	0	0
1970	0	0	0	0	0	-5	0	0	0	0	0	0
1971	0	0	0	0	0	-4	0	0	-1	0	0	0
1972	0	0	0	0	0	-5	0	0	0	0	0	0
1973	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
1975	0	0	4	0	0	-1	0	0	0	0	0	0
1976	0	0	0	0	0	-3	0	1	1	0	0	0
1977	0	0	0	0	0	0	0	0	0	0	0	0
1978	0	0	0	0	0	1	0	0	0	0	0	0
1979	0	0	0	0	0	-5	0	0	0	0	0	0
1980	0	-6	0	0	0	0	0	0	1	0	0	0
1981	0	0	4	0	0	-5	1	-1	1	2	1	1
1982	1	0	0	0	0	0	0	0	0	0	0	0
1983	-6	0	0	0	0	0	0	0	0	0	0	0
1984	0	0	0	0	0	-4	0	0	0	0	0	0
1985	0	-5	0	0	0	-1	0	0	0	0	0	0
1986	0	0	0	0	0	0	0	0	0	0	0	0
1987	0	0	0	0	0	-5	0	0	0	0	0	0
1988	0	0	0	0	0	1	1	1	1	1	1	1
1989	1	0	6	0	0	-4	1	2	2	2	1	1
1990	1	0	0	0	5	-5	0	0	0	0	0	0
1991	0	0	0	0	0	-1	1	1	1	1	1	1
1992	0	0	0	0	0	-5	0	0	0	0	0	5
1993	3	0	0	0	0	-5	1	1	2	3	2	2
1994	1	1	1	1	1	0	0	0	0	0	0	0
1995	0	0	0	0	0	1	0	0	0	0	0	0
1996	0	0	0	0	0	0	0	0	0	0	0	0
1997	0	0	0	0	0	-1	-2	-2	-2	-3	-2	-2
1998	-1	-1	-1	-1	-1	0	0	0	0	0	0	0
1999	0	-8	0	0	0	0	0	0	0	0	0	0
2000	0	0	0	0	0	0	0	0	0	0	0	0
2001	0	0	0	0	0	-3	1	2	2	2	2	1
2002	1	-7	1	1	-4	-4	2	2	3	3	3	2
2003	2	1	1	1	1	0	0	0	0	0	0	0

Table t-1: CVP North of Delta Refuge Deliveries in 1,000 acre-feet Under No Action Alternative (NAA)

WY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1922	13	14	8	4	3	1	1	4	6	9	12	15
1923	12	14	8	4	3	1	1	4	6	9	12	15
1924	13	14	8	4	3	1	1	1	2	3	3	11
1925	2	11	6	3	2	1	1	4	6	9	12	15
1926	14	14	8	4	3	1	1	4	6	9	12	15
1927	13	14	8	4	3	1	1	4	6	9	12	15
1928	12	14	8	4	3	1	1	4	6	9	12	15
1929	12	14	8	4	3	1	1	1	2	3	3	11
1930	1	4	6	3	2	1	1	4	6	9	12	15
1931	12	11	8	4	3	1	1	1	2	3	3	11
1932	-2	5	6	3	2	1	1	4	6	9	12	15
1933	12	11	8	4	3	1	1	1	2	3	3	11
1934	-2	2	6	3	2	1	1	1	2	3	-1	4
1935	-2	11	6	3	2	1	1	4	6	9	12	15
1936	13	14	8	4	3	1	1	4	6	9	12	15
1937	13	14	8	4	3	1	1	4	6	9	12	15
1938	13	14	8	4	3	1	1	4	6	9	12	15
1939	13	14	8	4	3	1	1	1	2	3	3	11
1940	1	11	6	3	2	1	1	4	6	9	12	15
1941	12	14	8	4	3	1	1	4	6	9	12	15
1942	12	14	8	4	3	1	1	4	6	9	12	15
1943	12	14	8	4	3	1	1	4	6	9	12	15
1944	12	14	8	4	3	1	1	4	6	9	12	15
1945	12	14	8	4	3	1	1	4	6	9	12	15
1946	12	14	8	4	3	1	1	4	6	9	12	15
1947	11	14	8	4	3	1	1	4	6	9	12	15
1948	12	14	8	4	3	1	1	4	6	9	12	15
1949	12	11	8	4	3	1	1	4	6	9	12	15
1950	14	14	8	4	3	1	1	4	6	9	12	15
1951	12	14	8	4	3	1	1	4	6	9	12	15
1952	12	14	8	4	3	1	1	4	6	9	12	15
1953	14	14	8	4	3	1	1	4	6	9	12	15
1954	14	14	8	4	3	1	1	4	6	9	12	15
1955	14	14	8	4	3	1	1	4	6	9	12	15
1956	12	14	8	4	3	1	1	4	6	9	12	15
1957	12	11	8	4	3	1	1	4	6	9	12	15
1958	12	14	8	4	3	1	1	4	6	9	12	14
1959	13	11	8	4	3	1	1	4	6	9	12	15
1960	14	11	8	4	3	1	1	4	6	9	12	15
1961	14	14	8	4	3	1	1	4	6	9	12	15
1962	12	14	8	4	3	1	1	4	6	9	12	15
1963	12	14	8	4	3	1	1	4	6	9	12	15
1964	12	14	8	4	3	1	1	4	6	9	12	15
1965	12	14	8	4	3	1	1	4	6	9	12	15
1966	13	14	8	4	3	1	1	4	6	9	12	15
1967	12	14	8	4	3	1	1	4	6	9	12	15
1968	12	11	8	4	3	1	1	4	6	9	12	15
1969	13	14	8	4	3	1	1	4	6	9	12	15
1970	13	14	8	4	3	1	1	4	6	9	12	15
1971	12	14	8	4	3	1	1	4	6	9	12	15
1972	14	14	8	4	3	1	1	4	6	9	12	15
1973	12	14	8	4	3	1	1	4	6	9	12	15
1974	12	14	8	4	3	1	1	4	6	9	12	15
1975	12	14	8	4	3	1	1	4	6	9	12	15
1976	12	14	8	4	3	1	1	4	6	9	12	15
1977	12	14	8	4	3	1	1	1	2	3	3	11
1978	1	11	6	3	2	1	1	4	6	9	12	15
1979	12	14	8	4	3	1	1	4	6	9	12	15
1980	12	14	8	4	3	1	1	4	6	9	12	15
1981	12	14	8	4	3	1	1	4	6	9	12	15
1982	12	14	8	4	3	1	1	4	6	9	12	15
1983	12	14	8	4	3	1	1	4	6	9	12	15
1984	12	14	8	4	3	1	1	4	6	9	12	15
1985	12	14	8	4	3	1	1	4	6	9	12	15
1986	12	14	8	4	3	1	1	4	6	9	12	15
1987	12	14	8	4	3	1	1	4	6	9	12	15
1988	12	14	8	4	3	1	1	4	6	9	12	15
1989	12	12	8	4	3	1	1	4	6	9	12	13
1990	12	12	8	4	3	1	1	4	6	9	12	15
1991	12	11	8	4	3	1	1	1	2	3	3	11
1992	1	4	6	3	2	1	1	4	6	9	12	15
1993	12	11	8	4	3	1	1	4	6	9	12	15
1994	12	12	8	4	3	1	1	1	2	3	3	11
1995	1	11	6	3	2	1	1	4	6	9	12	15
1996	13	11	8	4	3	1	1	4	6	9	12	15
1997	12	11	8	4	3	1	1	4	6	9	12	15
1998	11	14	8	4	3	1	1	4	6	9	12	15
1999	12	12	8	4	3	1	1	4	6	9	12	15
2000	12	11	8	4	3	1	1	4	6	9	12	15
2001	12	13	8	4	3	1	1	4	6	9	12	15
2002	12	12	8	4	3	1	1	4	6	9	12	15
2003	11	12	8	4	3	1	1	4	6	9	12	15

Data extracted from DWR 500 by using MBK script
 Key: CalSim Arc = DEL_CVP_PRFL_N

Table t-2: CVP North of Delta Refuge Deliveries in 1,000 acre-feet Under CWF H3+

WY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1922	13	14	8	4	3	1	1	4	6	9	12	15
1923	12	14	8	4	3	1	1	4	6	9	12	15
1924	13	14	8	4	3	1	1	1	2	3	3	11
1925	2	11	6	3	2	1	1	4	6	9	12	15
1926	14	14	8	4	3	1	1	4	6	9	12	15
1927	13	14	8	4	3	1	1	4	6	9	12	15
1928	12	14	8	4	3	1	1	4	6	9	12	15
1929	12	14	8	4	3	1	1	1	2	3	3	11
1930	1	4	6	3	2	1	1	4	6	9	12	15
1931	12	11	8	4	3	1	1	1	2	3	3	11
1932	-2	5	6	3	2	1	1	4	6	9	12	15
1933	12	11	8	4	3	1	1	1	2	3	3	10
1934	-2	2	6	3	2	1	1	1	2	3	3	4
1935	-2	11	6	3	2	1	1	4	6	9	12	15
1936	13	14	8	4	3	1	1	4	6	9	12	15
1937	13	14	8	4	3	1	1	4	6	9	12	15
1938	13	14	8	4	3	1	1	4	6	9	12	15
1939	13	14	8	4	3	1	1	1	2	3	3	11
1940	1	11	6	3	2	1	1	4	6	9	12	15
1941	12	14	8	4	3	1	1	4	6	9	12	15
1942	12	14	8	4	3	1	1	4	6	9	12	15
1943	12	14	8	4	3	1	1	4	6	9	12	15
1944	12	14	8	4	3	1	1	4	6	9	12	15
1945	12	14	8	4	3	1	1	4	6	9	12	15
1946	12	14	8	4	3	1	1	4	6	9	12	15
1947	11	14	8	4	3	1	1	4	6	9	12	15
1948	12	14	8	4	3	1	1	4	6	9	12	15
1949	12	11	8	4	3	1	1	4	6	9	12	15
1950	14	14	8	4	3	1	1	4	6	9	12	15
1951	12	14	8	4	3	1	1	4	6	9	12	15
1952	12	14	8	4	3	1	1	4	6	9	12	15
1953	14	14	8	4	3	1	1	4	6	9	12	15
1954	14	14	8	4	3	1	1	4	6	9	12	15
1955	14	14	8	4	3	1	1	4	6	9	12	15
1956	12	14	8	4	3	1	1	4	6	9	12	15
1957	12	11	8	4	3	1	1	4	6	9	12	15
1958	12	14	8	4	3	1	1	4	6	9	12	14
1959	13	11	8	4	3	1	1	4	6	9	12	15
1960	14	11	8	4	3	1	1	4	6	9	12	15
1961	14	14	8	4	3	1	1	4	6	9	12	15
1962	12	14	8	4	3	1	1	4	6	9	12	15
1963	12	14	8	4	3	1	1	4	6	9	12	15
1964	12	14	8	4	3	1	1	4	6	9	12	15
1965	12	14	8	4	3	1	1	4	6	9	12	15
1966	13	14	8	4	3	1	1	4	6	9	12	15
1967	12	14	8	4	3	1	1	4	6	9	12	15
1968	12	11	8	4	3	1	1	4	6	9	12	15
1969	13	14	8	4	3	1	1	4	6	9	12	15
1970	13	14	8	4	3	1	1	4	6	9	12	15
1971	12	14	8	4	3	1	1	4	6	9	12	15
1972	14	14	8	4	3	1	1	4	6	9	12	15
1973	12	14	8	4	3	1	1	4	6	9	12	15
1974	12	14	8	4	3	1	1	4	6	9	12	15
1975	12	14	8	4	3	1	1	4	6	9	12	15
1976	12	14	8	4	3	1	1	4	6	9	12	15
1977	12	14	8	4	3	1	1	1	2	3	3	11
1978	1	11	6	3	2	1	1	4	6	9	12	15
1979	12	14	8	4	3	1	1	4	6	9	12	15
1980	12	14	8	4	3	1	1	4	6	9	12	15
1981	12	14	8	4	3	1	1	4	6	9	12	15
1982	12	14	8	4	3	1	1	4	6	9	12	15
1983	12	14	8	4	3	1	1	4	6	9	12	15
1984	12	14	8	4	3	1	1	4	6	9	12	15
1985	12	14	8	4	3	1	1	4	6	9	12	15
1986	12	14	8	4	3	1	1	4	6	9	12	15
1987	12	14	8	4	3	1	1	4	6	9	12	15
1988	12	14	8	4	3	1	1	4	6	9	12	15
1989	12	12	8	4	3	1	1	4	6	9	12	13
1990	12	12	8	4	3	1	1	4	6	9	12	15
1991	12	11	8	4	3	1	1	1	2	3	3	11
1992	1	4	6	3	2	1	1	4	6	9	12	15
1993	12	11	8	4	3	1	1	4	6	9	12	15
1994	12	12	8	4	3	1	1	1	2	3	3	11
1995	1	11	6	3	2	1	1	4	6	9	12	15
1996	13	11	8	4	3	1	1	4	6	9	12	15
1997	12	11	8	4	3	1	1	4	6	9	12	15
1998	11	14	8	4	3	1	1	4	6	9	12	15
1999	12	12	8	4	3	1	1	4	6	9	12	15
2000	12	11	8	4	3	1	1	4	6	9	12	15
2001	12	13	8	4	3	1	1	4	6	9	12	15
2002	12	12	8	4	3	1	1	4	6	9	12	15
2003	11	12	8	4	3	1	1	4	6	9	12	15

Data extracted from DWR 1077 for CWF H3+ by using MBK script
 Key: CalSim Arc = DEL_CVP_PRFL_N

Table u-1: CVP Exchange Contractor Deliveries in 1,000 acre-feet Under No Action Alternative (NAA)

WY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1922	60	20	9	9	25	69	70	96	127	149	146	95
1923	60	20	9	9	25	69	70	96	127	149	146	95
1924	60	20	9	9	25	53	54	74	98	115	112	73
1925	46	15	7	7	19	69	70	96	127	149	146	95
1926	60	20	9	9	25	69	70	96	127	149	146	95
1927	60	20	9	9	25	69	70	96	127	149	146	95
1928	60	20	9	9	25	69	70	96	127	149	146	95
1929	60	20	9	9	25	53	54	74	98	115	112	73
1930	46	15	7	7	19	69	70	96	127	149	146	95
1931	60	20	9	9	25	53	54	74	98	115	112	73
1932	46	15	7	7	19	69	70	96	127	149	146	95
1933	60	20	9	9	25	53	54	74	98	115	112	73
1934	46	15	7	7	19	53	54	74	98	115	112	73
1935	46	15	7	7	19	69	70	96	127	149	146	95
1936	60	20	9	9	25	69	70	96	127	149	146	95
1937	60	20	9	9	25	69	70	96	127	149	146	95
1938	60	20	9	9	25	69	70	96	127	149	146	95
1939	60	20	9	9	25	53	54	74	98	115	112	73
1940	46	15	7	7	19	69	70	96	127	149	146	95
1941	60	20	9	9	25	69	70	96	127	149	146	95
1942	60	20	9	9	25	69	70	96	127	149	146	95
1943	60	20	9	9	25	69	70	96	127	149	146	95
1944	60	20	9	9	25	69	70	96	127	149	146	95
1945	60	20	9	9	25	69	70	96	127	149	146	95
1946	60	20	9	9	25	69	70	96	127	149	146	95
1947	60	20	9	9	25	69	70	96	127	149	146	95
1948	60	20	9	9	25	69	70	96	127	149	146	95
1949	60	20	9	9	25	69	70	96	127	149	146	95
1950	60	20	9	9	25	69	70	96	127	149	146	95
1951	60	20	9	9	25	69	70	96	127	149	146	95
1952	60	20	9	9	25	69	70	96	127	149	146	95
1953	60	20	9	9	25	69	70	96	127	149	146	95
1954	60	20	9	9	25	69	70	96	127	149	146	95
1955	60	20	9	9	25	69	70	96	127	149	146	95
1956	60	20	9	9	25	69	70	96	127	149	146	95
1957	60	20	9	9	25	69	70	96	127	149	146	95
1958	60	20	9	9	25	69	70	96	127	149	146	95
1959	60	20	9	9	25	69	70	96	127	149	146	95
1960	60	20	9	9	25	69	70	96	127	149	146	95
1961	60	20	9	9	25	69	70	96	127	149	146	95
1962	60	20	9	9	25	69	70	96	127	149	146	95
1963	60	20	9	9	25	69	70	96	127	149	146	95
1964	60	20	9	9	25	69	70	96	127	149	146	95
1965	60	20	9	9	25	69	70	96	127	149	146	95
1966	60	20	9	9	25	69	70	96	127	149	146	95
1967	60	20	9	9	25	69	70	96	127	149	146	95
1968	60	20	9	9	25	69	70	96	127	149	146	95
1969	60	20	9	9	25	69	70	96	127	149	146	95
1970	60	20	9	9	25	69	70	96	127	149	146	95
1971	60	20	9	9	25	69	70	96	127	149	146	95
1972	60	20	9	9	25	69	70	96	127	149	146	95
1973	60	20	9	9	25	69	70	96	127	149	146	95
1974	60	20	9	9	25	69	70	96	127	149	146	95
1975	60	20	9	9	25	69	70	96	127	149	146	95
1976	60	20	9	9	25	69	70	96	127	149	146	95
1977	60	20	9	9	25	53	54	74	98	115	112	73
1978	46	15	7	7	19	69	70	96	127	149	146	95
1979	60	20	9	9	25	69	70	96	127	149	146	95
1980	60	20	9	9	25	69	70	96	127	149	146	95
1981	60	20	9	9	25	69	70	96	127	149	146	95
1982	60	20	9	9	25	69	70	96	127	149	146	95
1983	60	20	9	9	25	69	70	96	127	149	146	95
1984	60	20	9	9	25	69	70	96	127	149	146	95
1985	60	20	9	9	25	69	70	96	127	149	146	95
1986	60	20	9	9	25	69	70	96	127	149	146	95
1987	60	20	9	9	25	69	70	96	127	149	146	95
1988	60	20	9	9	25	69	70	96	127	149	146	95
1989	60	20	9	9	25	69	70	96	127	149	146	95
1990	60	20	9	9	25	69	70	96	127	149	146	95
1991	60	20	9	9	25	53	54	74	98	115	112	73
1992	46	15	7	7	19	69	70	96	127	149	146	95
1993	60	20	9	9	25	69	70	96	127	149	146	95
1994	60	20	9	9	25	53	54	74	98	115	112	73
1995	46	15	7	7	19	69	70	96	127	149	146	95
1996	60	20	9	9	25	69	70	96	127	149	146	95
1997	60	20	9	9	25	69	70	96	127	149	146	95
1998	60	20	9	9	25	69	70	96	127	149	146	95
1999	60	20	9	9	25	69	70	96	127	149	146	95
2000	60	20	9	9	25	69	70	96	127	149	146	95
2001	60	20	9	9	25	69	70	96	127	149	146	95
2002	60	20	9	9	25	69	70	96	127	149	146	95
2003	60	20	9	9	25	69	70	96	127	149	146	95

Data extracted from DWR 500 by using MBK script
 Key: CalSim Arc = DEL_CVP_PEX_S

Table u-2: CVP Exchange Contractor Deliveries in 1,000 acre-feet Under CWF H3+

WY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1922	60	20	9	9	25	69	70	96	127	149	146	95
1923	60	20	9	9	25	69	70	96	127	149	146	95
1924	60	20	9	9	25	53	54	74	98	115	112	73
1925	46	15	7	7	19	69	70	96	127	149	146	95
1926	60	20	9	9	25	69	70	96	127	149	146	95
1927	60	20	9	9	25	69	70	96	127	149	146	95
1928	60	20	9	9	25	69	70	96	127	149	146	95
1929	60	20	9	9	25	53	54	74	98	115	112	73
1930	46	15	7	7	19	69	70	96	127	149	146	95
1931	60	20	9	9	25	53	54	74	98	115	112	73
1932	46	15	7	7	19	69	70	96	127	149	146	95
1933	60	20	9	9	25	53	54	74	98	115	112	73
1934	46	15	7	7	19	53	54	74	98	115	112	73
1935	46	15	7	7	19	69	70	96	127	149	146	95
1936	60	20	9	9	25	69	70	96	127	149	146	95
1937	60	20	9	9	25	69	70	96	127	149	146	95
1938	60	20	9	9	25	69	70	96	127	149	146	95
1939	60	20	9	9	25	53	54	74	98	115	112	73
1940	46	15	7	7	19	69	70	96	127	149	146	95
1941	60	20	9	9	25	69	70	96	127	149	146	95
1942	60	20	9	9	25	69	70	96	127	149	146	95
1943	60	20	9	9	25	69	70	96	127	149	146	95
1944	60	20	9	9	25	69	70	96	127	149	146	95
1945	60	20	9	9	25	69	70	96	127	149	146	95
1946	60	20	9	9	25	69	70	96	127	149	146	95
1947	60	20	9	9	25	69	70	96	127	149	146	95
1948	60	20	9	9	25	69	70	96	127	149	146	95
1949	60	20	9	9	25	69	70	96	127	149	146	95
1950	60	20	9	9	25	69	70	96	127	149	146	95
1951	60	20	9	9	25	69	70	96	127	149	146	95
1952	60	20	9	9	25	69	70	96	127	149	146	95
1953	60	20	9	9	25	69	70	96	127	149	146	95
1954	60	20	9	9	25	69	70	96	127	149	146	95
1955	60	20	9	9	25	69	70	96	127	149	146	95
1956	60	20	9	9	25	69	70	96	127	149	146	95
1957	60	20	9	9	25	69	70	81	127	149	146	95
1958	60	20	9	9	25	69	70	96	127	149	146	95
1959	60	20	9	9	25	69	70	96	127	149	146	95
1960	60	20	9	9	25	69	70	96	127	149	146	95
1961	60	20	9	9	25	69	70	96	127	149	146	95
1962	60	20	9	9	25	69	70	96	127	149	146	95
1963	60	20	9	9	25	69	70	96	127	149	146	95
1964	60	20	9	9	25	69	70	96	127	149	146	95
1965	60	20	9	9	25	69	70	96	127	149	146	95
1966	60	20	9	9	25	69	70	96	127	149	146	95
1967	60	20	9	9	25	69	70	96	127	149	146	95
1968	60	20	9	9	25	69	70	96	127	149	146	95
1969	60	20	9	9	25	69	70	96	127	149	146	95
1970	60	20	9	9	25	69	70	96	127	149	146	95
1971	60	20	9	9	25	69	70	96	127	149	146	95
1972	60	20	9	9	25	69	70	96	127	149	146	95
1973	60	20	9	9	25	69	70	96	127	149	146	95
1974	60	20	9	9	25	69	70	96	127	149	146	95
1975	60	20	9	9	25	69	70	96	127	149	146	95
1976	60	20	9	9	25	69	70	96	127	149	146	95
1977	60	20	9	9	25	53	54	74	98	115	112	73
1978	46	15	7	7	19	69	70	96	127	149	146	95
1979	60	20	9	9	25	69	70	96	127	149	146	95
1980	60	20	9	9	25	69	70	96	127	149	146	95
1981	60	20	9	9	25	69	70	96	127	149	146	95
1982	60	20	9	9	25	69	70	96	127	149	146	95
1983	60	20	9	9	25	69	70	96	127	149	146	95
1984	60	20	9	9	25	69	70	96	127	149	146	95
1985	60	20	9	9	25	69	70	96	127	149	146	95
1986	60	20	9	9	25	69	70	96	127	149	146	95
1987	60	20	9	9	25	69	70	96	127	149	146	95
1988	60	20	9	9	25	69	70	96	127	149	146	95
1989	60	20	9	9	25	69	70	96	127	149	146	95
1990	60	20	9	9	25	69	70	96	127	149	146	95
1991	60	20	9	9	25	53	54	74	98	115	112	73
1992	46	15	7	7	19	69	70	96	127	149	146	95
1993	60	20	9	9	25	69	70	96	127	149	146	95
1994	60	20	9	9	25	53	54	74	98	115	112	73
1995	46	15	7	7	19	69	70	96	127	149	146	95
1996	60	20	9	9	25	69	70	96	127	149	146	95
1997	60	20	9	9	25	69	70	96	127	149	146	95
1998	60	20	9	9	25	69	70	96	127	149	146	95
1999	60	20	9	9	25	69	70	96	127	149	146	95
2000	60	20	9	9	25	69	70	96	127	149	146	95
2001	60	20	9	9	25	69	70	96	127	149	146	95
2002	60	20	9	9	25	69	70	96	127	149	146	95
2003	60	20	9	9	25	69	70	96	127	149	146	95

Data extracted from DWR 1077 for CWF H3+ by using MBK script
 Key: CalSim Arc = DEL_CVP_PEX_S

Table v-1: CVP South of Delta Ag Deliveries in 1,000 acre-feet Under No Action Alternative (NAA)

WY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1922	57	42	60	105	120	59	95	136	219	272	196	62
1923	41	30	43	75	86	30	41	61	99	123	89	28
1924	18	14	19	34	39	3	5	7	11	14	10	3
1925	2	2	2	4	4	28	46	91	147	183	132	42
1926	27	20	29	51	58	5	7	11	17	21	15	5
1927	3	2	3	6	7	46	70	103	167	207	149	47
1928	31	23	33	57	65	24	53	78	126	157	113	36
1929	23	17	25	44	50	11	15	22	35	44	32	10
1930	7	5	7	12	14	0	0	0	0	0	0	0
1931	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
1933	0	0	0	0	0	0	0	0	0	0	0	0
1934	0	0	0	0	0	5	6	10	16	19	14	4
1935	3	2	3	5	6	0	0	32	51	64	46	15
1936	10	7	10	18	20	34	47	70	112	140	101	32
1937	21	15	22	39	44	5	32	50	81	100	72	23
1938	15	11	16	28	32	92	127	189	305	379	273	87
1939	57	42	60	105	120	39	58	85	137	127	123	39
1940	25	19	27	47	54	24	47	76	122	152	109	35
1941	23	17	24	42	48	62	106	163	263	327	236	75
1942	49	36	52	91	103	77	118	167	270	335	241	77
1943	50	37	53	93	106	58	81	120	194	241	174	55
1944	36	27	38	67	76	4	5	7	12	15	11	3
1945	2	2	2	4	5	27	47	70	114	141	102	32
1946	21	16	22	39	45	53	80	121	195	243	175	56
1947	36	27	38	67	77	0	19	28	46	57	41	13
1948	8	6	9	16	18	1	16	46	75	93	67	21
1949	14	10	15	26	29	14	50	74	119	148	107	34
1950	22	16	23	41	47	12	26	39	63	78	56	18
1951	12	9	12	22	25	58	80	118	191	206	93	54
1952	35	26	37	66	75	83	127	189	305	379	273	87
1953	57	42	60	105	120	35	57	83	134	167	120	38
1954	25	18	26	46	53	36	55	79	128	83	93	36
1955	24	18	25	44	50	22	30	44	72	89	64	20
1956	13	10	14	25	28	83	111	160	259	322	232	74
1957	48	36	51	89	102	30	42	59	96	75	86	27
1958	18	13	19	33	38	63	121	189	305	379	273	87
1959	57	42	60	105	120	28	44	62	101	74	87	29
1960	19	14	20	35	40	6	26	39	63	78	56	18
1961	12	9	12	22	25	17	39	57	87	88	82	26
1962	17	13	18	32	36	30	48	70	113	140	101	32
1963	21	15	22	39	44	44	67	98	158	196	141	45
1964	29	22	31	54	62	19	26	39	63	78	56	18
1965	12	9	12	22	25	34	47	118	190	236	170	54
1966	35	26	37	65	75	47	70	102	164	204	147	47
1967	31	23	32	57	64	76	127	189	305	379	273	87
1968	57	42	60	105	120	32	50	73	118	147	106	34
1969	22	16	23	41	46	92	127	189	305	379	273	87
1970	57	42	60	105	120	38	63	93	151	188	135	43
1971	28	21	30	52	59	24	38	54	88	109	79	25
1972	16	12	17	30	34	23	32	49	80	99	72	23
1973	15	11	16	27	31	49	78	114	185	230	166	53
1974	34	25	36	64	73	51	84	125	202	252	181	58
1975	38	28	40	70	79	41	70	102	165	205	148	47
1976	31	23	32	57	65	5	7	11	18	22	16	5
1977	3	2	3	6	7	0	0	0	0	0	0	0
1978	0	0	0	0	0	44	99	171	277	344	248	79
1979	51	38	54	95	109	19	38	56	90	112	81	26
1980	17	12	18	31	35	61	84	126	203	253	182	58
1981	38	28	40	70	80	27	59	85	137	170	66	39
1982	25	19	27	47	54	85	127	189	305	379	273	87
1983	57	42	60	105	120	92	127	189	305	379	273	87
1984	57	42	60	105	120	67	93	138	223	231	92	63
1985	42	31	44	77	88	32	58	87	140	174	125	40
1986	26	19	27	48	55	36	63	93	150	187	135	43
1987	28	21	30	52	59	0	14	20	33	41	29	9
1988	6	4	6	11	13	0	0	0	0	0	0	0
1989	0	0	0	0	0	0	24	36	57	71	51	16
1990	11	8	11	20	23	0	0	0	0	0	0	0
1991	0	0	0	0	0	5	7	11	5	21	15	5
1992	3	2	3	6	7	0	0	0	0	0	0	0
1993	0	0	0	0	0	33	66	107	174	216	155	49
1994	32	24	34	60	68	48	66	98	159	197	142	45
1995	29	22	31	55	62	62	121	178	288	358	258	82
1996	54	39	56	99	113	60	102	149	240	298	215	68
1997	45	33	47	83	94	58	80	119	191	238	171	54
1998	36	26	38	66	75	82	127	188	304	378	272	86
1999	57	42	60	105	119	39	67	97	157	195	140	45
2000	29	21	31	54	61	43	75	110	178	198	93	51
2001	33	24	35	61	70	13	21	32	51	64	46	15
2002	10	7	10	18	20	42	58	84	136	169	122	39
2003	25	19	27	47	53	38	58	83	134	167	120	38

Data extracted from DWR 500 by using MBK script
 Key: CalSim Arc = DEL_CVP_PAG_S

Table v-2: CVP South of Delta Ag Deliveries in 1,000 acre-feet Under CWF H3+

WY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1922	57	42	60	105	120	56	89	126	204	253	183	58
1923	38	28	40	70	80	25	39	57	91	104	82	26
1924	17	13	18	31	36	4	5	8	13	16	11	4
1925	2	2	2	4	5	34	52	105	169	210	152	48
1926	31	23	33	58	66	12	17	26	41	51	37	12
1927	8	6	8	14	16	54	80	119	192	238	172	55
1928	36	26	38	66	75	30	52	78	126	157	113	36
1929	23	17	25	43	50	12	17	26	41	51	37	12
1930	8	6	8	14	16	0	1	2	3	4	3	1
1931	1	0	1	1	1	3	5	7	11	13	10	3
1932	2	1	2	4	4	0	0	0	0	0	0	0
1933	0	0	0	0	0	0	0	0	0	0	0	0
1934	0	0	0	0	0	5	6	10	16	19	14	4
1935	3	2	3	5	6	0	0	32	51	64	46	15
1936	10	7	10	18	20	33	46	68	110	137	99	31
1937	20	15	22	38	43	7	33	52	84	105	75	24
1938	16	12	16	29	33	92	127	189	305	379	273	87
1939	57	42	60	105	120	32	33	49	24	98	70	22
1940	15	11	15	27	31	44	76	140	227	282	203	64
1941	42	31	44	78	89	52	91	175	283	352	253	80
1942	53	39	55	97	111	55	86	119	193	239	172	55
1943	36	26	38	66	76	47	71	106	172	213	154	49
1944	32	24	34	59	67	4	7	10	17	21	15	5
1945	3	2	3	6	7	29	49	73	119	147	106	34
1946	22	16	23	41	46	56	76	115	185	230	166	53
1947	34	25	36	64	73	0	23	34	55	69	49	16
1948	10	8	11	19	22	3	25	65	105	130	94	30
1949	19	14	21	36	41	16	59	88	141	176	127	40
1950	26	19	28	49	55	14	24	36	58	73	52	17
1951	11	8	11	20	23	58	80	118	191	237	171	54
1952	35	26	37	66	75	76	126	189	305	379	273	87
1953	57	42	60	105	120	31	54	77	125	155	112	35
1954	23	17	24	43	49	32	55	79	127	158	114	36
1955	24	17	25	44	50	23	32	48	78	96	69	22
1956	14	11	15	27	30	83	111	160	259	322	232	74
1957	48	36	51	89	102	1	0	0	0	0	0	0
1958	0	0	0	0	0	72	121	189	305	379	273	87
1959	57	42	60	105	120	13	16	20	11	40	29	9
1960	6	4	6	11	13	13	35	52	84	104	75	24
1961	16	11	16	29	33	21	54	80	129	161	116	37
1962	24	18	25	44	51	34	36	52	84	105	76	24
1963	16	12	17	29	33	58	80	140	227	282	203	64
1964	42	31	44	78	89	16	23	34	42	68	49	16
1965	10	7	11	19	21	37	51	117	190	236	170	54
1966	35	26	37	65	74	27	26	36	59	73	53	17
1967	11	8	12	20	23	89	127	189	305	379	273	87
1968	57	42	60	105	120	33	58	85	137	171	123	39
1969	26	19	27	47	54	92	127	189	305	379	273	87
1970	57	42	60	105	120	35	58	87	141	175	126	40
1971	26	19	28	48	55	34	35	50	81	101	73	23
1972	15	11	16	28	32	23	21	35	57	71	51	16
1973	11	8	11	20	22	58	80	117	189	235	170	54
1974	35	26	37	65	74	55	89	152	246	305	220	70
1975	46	34	48	85	96	14	29	41	66	83	59	19
1976	12	9	13	23	26	7	10	15	24	30	21	7
1977	4	3	5	8	9	1	1	2	3	4	3	1
1978	1	0	1	1	1	54	111	189	305	379	273	87
1979	57	42	60	105	120	18	35	52	84	105	75	24
1980	16	12	17	29	33	62	85	127	206	255	184	58
1981	38	28	40	71	81	29	54	78	126	157	113	36
1982	23	17	25	43	50	88	127	189	305	379	273	87
1983	57	42	60	105	120	92	127	189	305	379	273	87
1984	57	42	60	105	120	67	93	138	223	278	200	63
1985	42	31	44	77	88	23	35	52	84	104	75	24
1986	16	12	16	29	33	41	63	95	153	190	137	43
1987	28	21	30	53	60	0	14	21	34	43	31	10
1988	6	5	7	12	13	5	7	10	16	20	15	5
1989	3	2	3	6	6	0	34	51	83	103	74	24
1990	15	11	16	29	32	0	0	0	0	0	0	0
1991	0	0	0	0	0	5	13	20	32	40	29	9
1992	6	4	6	11	13	0	0	0	0	0	0	0
1993	0	0	0	0	0	41	80	129	209	259	187	59
1994	39	29	41	72	82	38	49	70	107	140	101	32
1995	21	15	22	39	44	72	127	189	305	379	273	87
1996	57	42	60	105	120	61	104	152	245	265	92	70
1997	46	34	48	84	96	47	65	97	157	195	140	45
1998	29	22	31	54	61	92	127	189	305	379	273	87
1999	57	42	60	105	120	58	80	117	189	235	170	54
2000	35	26	37	65	74	13	30	43	70	87	63	20
2001	13	10	14	24	27	19	32	48	77	96	69	22
2002	14	11	15	27	30	51	73	107	172	214	154	49
2003	32	24	34	59	68	53	63	91	147	183	132	42

Data extracted from DWR 1077 for CWF H3+ by using MBK script
 Key: CalSim Arc = DEL_CVP_PAG_S

Table v-3: Change in CVP South of Delta Ag Deliveries in 1,000 acre-feet Under CWF H3+ (CWF H3+ minus NAA)

WY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1922	0	0	0	0	0	-3	-6	-9	-15	-19	-13	-4
1923	-3	-2	-3	-5	-6	-5	-2	-5	-8	-20	-7	-2
1924	-1	-1	-2	-3	-3	0	1	1	1	2	1	0
1925	0	0	0	0	1	6	6	14	22	27	20	6
1926	4	3	4	8	9	7	10	15	24	30	22	7
1927	4	3	5	8	9	8	10	16	25	31	22	7
1928	5	3	5	9	10	5	0	0	0	0	0	0
1929	0	0	0	0	0	2	2	4	6	7	5	2
1930	1	1	1	2	2	0	1	2	3	4	3	1
1931	1	0	1	1	1	3	5	7	11	13	10	3
1932	2	1	2	4	4	0	0	0	0	0	0	0
1933	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
1935	0	0	0	0	0	0	0	0	0	0	0	0
1936	0	0	0	0	0	-1	-1	-1	-2	-3	-2	-1
1937	0	0	0	-1	-1	1	1	2	3	4	3	1
1938	1	0	1	1	1	0	0	0	0	0	0	0
1939	0	0	0	0	0	-7	-25	-36	-113	-29	-52	-17
1940	-11	-8	-11	-20	-23	21	28	65	104	130	94	30
1941	19	14	20	36	41	-10	-15	12	20	25	18	6
1942	4	3	4	7	8	-22	-32	-48	-77	-96	-69	-22
1943	-14	-11	-15	-26	-30	-12	-9	-14	-22	-28	-20	-6
1944	-4	-3	-4	-8	-9	0	2	3	5	6	4	1
1945	1	1	1	2	2	1	2	3	5	6	4	1
1946	1	1	1	2	2	2	-4	-6	-10	-13	-9	-3
1947	-2	-1	-2	-4	-4	0	4	6	10	12	9	3
1948	2	1	2	3	4	2	9	19	30	37	27	9
1949	6	4	6	10	12	2	9	14	22	27	20	6
1950	4	3	4	8	9	1	-2	-3	-4	-5	-4	-1
1951	-1	-1	-1	-1	-2	0	0	0	0	32	78	0
1952	0	0	0	0	0	-7	-1	0	0	0	0	0
1953	0	0	0	0	0	-4	-4	-6	-9	-12	-8	-3
1954	-2	-1	-2	-3	-4	-4	0	0	0	75	21	0
1955	0	0	0	0	0	2	2	4	6	7	5	2
1956	1	1	1	2	2	0	0	0	0	0	0	0
1957	0	0	0	0	0	-29	-42	-59	-96	-75	-86	-27
1958	-18	-13	-19	-33	-38	8	0	0	0	0	0	0
1959	0	0	0	0	0	-16	-28	-42	-90	-34	-58	-19
1960	-13	-9	-13	-24	-27	7	9	13	21	26	19	6
1961	4	3	4	7	8	4	15	23	42	72	33	11
1962	7	5	7	13	15	5	-12	-18	-28	-35	-25	-8
1963	-5	-4	-6	-10	-11	14	13	43	69	86	62	20
1964	13	9	14	24	27	-3	-4	-5	-21	-11	-8	-2
1965	-2	-1	-2	-3	-3	3	4	0	-1	-1	0	0
1966	0	0	0	0	0	-20	-44	-65	-105	-131	-94	-30
1967	-20	-14	-21	-36	-41	13	0	0	0	0	0	0
1968	0	0	0	0	0	1	8	12	19	24	17	5
1969	4	3	4	7	8	0	0	0	0	0	0	0
1970	0	0	0	0	0	-3	-4	-6	-10	-13	-9	-3
1971	-2	-1	-2	-4	-4	10	-3	-4	-7	-8	-6	-2
1972	-1	-1	-1	-2	-3	0	-11	-14	-23	-28	-20	-7
1973	-4	-3	-4	-8	-9	9	2	3	4	5	4	1
1974	1	1	1	2	2	4	4	27	43	54	39	12
1975	8	6	8	15	17	-27	-41	-61	-98	-122	-88	-28
1976	-18	-13	-19	-34	-39	2	2	4	6	7	5	2
1977	1	1	1	2	2	1	1	2	3	4	3	1
1978	1	0	1	1	1	10	12	18	28	35	25	8
1979	5	4	6	10	11	-1	-3	-4	-6	-8	-6	-2
1980	-1	-1	-1	-2	-2	1	1	1	2	3	2	1
1981	0	0	0	1	1	2	-5	-6	-10	-13	47	-3
1982	-2	-1	-2	-3	-4	3	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	0	46	108	0
1985	0	0	0	0	0	-9	-23	-35	-56	-69	-50	-16
1986	-10	-8	-11	-19	-22	6	1	1	2	3	2	1
1987	0	0	0	1	1	0	1	1	2	2	1	0
1988	0	0	0	1	1	5	7	10	16	20	15	5
1989	3	2	3	6	6	0	11	16	25	31	23	7
1990	5	3	5	9	10	0	0	0	0	0	0	0
1991	0	0	0	0	0	0	6	9	27	19	13	4
1992	3	2	3	5	6	0	0	0	0	0	0	0
1993	0	0	0	0	0	8	14	22	35	44	31	10
1994	7	5	7	12	14	-10	-17	-28	-52	-57	-41	-13
1995	-8	-6	-9	-16	-18	10	6	11	17	21	15	5
1996	3	2	3	6	7	1	2	3	5	-33	-123	2
1997	1	1	1	2	2	-10	-14	-21	-35	-43	-31	-10
1998	-6	-5	-7	-12	-14	10	0	1	1	1	1	0
1999	0	0	0	0	0	19	14	20	33	41	29	9
2000	6	4	6	11	13	-30	-45	-67	-108	-111	-30	-31
2001	-20	-15	-21	-37	-42	6	11	16	26	33	23	7
2002	5	4	5	9	10	9	15	22	36	45	32	10
2003	7	5	7	12	14	15	5	8	13	16	11	4

Table w-1: CVP South of Delta M&I Deliveries in 1,000 acre-feet Under No Action Alternative (NAA)

WY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1922	11	14	15	10	4	13	12	11	11	13	14	15
1923	11	14	14	9	4	11	9	8	8	10	11	12
1924	8	11	11	7	3	8	7	6	6	7	8	9
1925	6	8	8	5	2	11	9	8	8	10	11	12
1926	8	11	11	7	3	8	7	6	6	7	8	9
1927	6	8	8	5	2	11	10	9	9	11	12	13
1928	9	11	12	8	4	11	9	8	8	10	11	12
1929	8	11	11	7	3	9	8	7	7	8	9	10
1930	7	9	9	6	3	8	6	6	6	7	7	8
1931	5	7	7	5	2	8	6	6	6	7	7	8
1932	5	7	7	5	2	8	6	6	6	7	7	8
1933	5	7	7	5	2	8	6	6	6	7	7	8
1934	5	7	7	5	2	8	7	6	6	7	8	9
1935	6	8	8	5	2	8	6	8	8	9	10	11
1936	7	10	10	6	3	11	9	8	8	10	11	12
1937	8	11	11	7	3	8	9	8	8	10	11	12
1938	8	11	11	7	3	15	12	11	11	13	15	16
1939	11	14	15	10	4	11	9	8	8	2	11	12
1940	8	11	11	7	3	11	9	8	8	10	11	12
1941	8	11	11	7	3	14	12	11	11	13	15	16
1942	11	14	15	10	4	15	12	11	11	13	15	16
1943	11	14	15	10	4	13	11	10	10	12	13	14
1944	10	13	13	9	4	8	7	6	6	7	8	9
1945	6	8	8	5	2	11	9	8	8	10	11	12
1946	8	11	11	7	3	13	11	10	10	12	13	14
1947	10	13	13	9	4	8	8	7	7	9	10	10
1948	7	9	9	6	3	8	8	8	8	10	11	12
1949	8	11	11	7	3	10	9	8	8	10	11	12
1950	8	11	11	7	3	10	9	8	8	9	10	11
1951	8	10	10	7	3	13	11	10	10	12	2	14
1952	10	12	13	8	4	15	12	11	11	13	15	16
1953	11	14	15	10	4	11	9	8	8	10	11	12
1954	8	11	11	7	3	11	9	8	8	10	2	12
1955	8	11	11	7	3	11	9	8	8	10	11	12
1956	8	10	11	7	3	15	12	11	11	13	15	16
1957	11	14	15	10	4	11	9	8	8	10	9	12
1958	8	11	11	7	3	14	12	11	11	13	15	16
1959	11	14	15	10	4	11	9	8	8	10	8	12
1960	8	11	11	7	3	8	9	8	8	9	10	11
1961	8	10	10	7	3	10	9	8	8	2	11	12
1962	8	11	11	7	3	11	9	8	8	10	11	12
1963	8	11	11	7	3	11	10	9	9	10	11	12
1964	8	11	11	7	3	11	9	8	8	9	10	11
1965	8	10	10	7	3	11	9	10	10	12	13	14
1966	10	12	13	8	4	11	10	9	9	10	12	13
1967	9	11	11	8	4	15	12	11	11	13	15	16
1968	11	14	15	10	4	11	9	8	8	10	11	12
1969	8	11	11	7	3	15	12	11	11	13	15	16
1970	11	14	15	10	4	11	9	8	8	10	11	12
1971	8	11	11	7	3	11	9	8	8	10	11	12
1972	8	11	11	7	3	11	9	8	8	10	11	12
1973	8	11	11	7	3	12	11	10	10	11	13	14
1974	9	12	12	8	4	12	11	10	10	12	13	15
1975	10	13	13	9	4	11	10	9	9	10	12	13
1976	9	11	12	8	4	8	7	6	6	7	8	9
1977	6	8	8	5	2	8	6	6	6	7	7	8
1978	5	7	7	5	2	11	12	11	11	13	15	16
1979	11	14	15	10	4	11	9	8	8	10	11	12
1980	8	11	11	7	3	14	11	10	10	12	13	15
1981	10	13	13	9	4	11	9	8	8	10	2	12
1982	8	11	11	7	3	15	12	11	11	13	15	16
1983	11	14	15	10	4	15	12	11	11	13	15	16
1984	11	14	15	10	4	15	12	11	11	13	2	16
1985	11	14	14	9	4	11	9	8	8	10	11	12
1986	8	11	11	7	3	11	9	8	8	10	11	12
1987	8	11	11	7	3	8	7	7	7	8	9	10
1988	7	9	9	6	3	8	6	6	6	7	7	8
1989	5	7	7	5	2	8	8	8	8	9	7	11
1990	8	10	10	7	3	8	6	6	6	7	7	8
1991	5	7	7	5	2	8	7	6	0	7	7	9
1992	6	8	8	5	2	8	6	6	6	7	6	8
1993	5	7	7	5	2	11	9	9	9	11	12	13
1994	9	12	12	8	4	12	9	9	9	10	11	12
1995	8	11	11	7	3	14	12	11	11	13	15	16
1996	11	14	15	10	4	14	12	11	11	13	15	16
1997	11	14	15	10	4	13	11	10	10	12	13	14
1998	10	12	13	8	4	15	12	11	11	13	15	16
1999	11	14	15	10	4	11	10	9	9	10	11	12
2000	8	11	11	7	3	11	10	9	9	11	2	13
2001	9	12	12	8	4	10	8	8	8	9	10	11
2002	7	10	10	6	3	11	9	8	8	10	11	12
2003	8	11	11	7	3	11	9	8	8	10	11	12

Data extracted from DWR 500 by using MBK script
 Key: CalSim Arc = DEL_CVP_PMI_S

Table w-2: CVP South of Delta M&I Deliveries in 1,000 acre-feet Under CWF H3+

WY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1922	11	14	15	10	4	13	12	10	10	12	14	15
1923	10	13	13	9	4	11	9	8	8	10	11	12
1924	8	11	11	7	3	8	7	6	6	7	8	9
1925	6	8	8	5	2	11	9	9	9	11	12	13
1926	9	11	12	8	4	10	8	7	7	8	9	10
1927	7	9	9	6	3	13	11	10	10	12	13	14
1928	10	13	13	8	4	11	9	8	8	10	11	12
1929	8	11	11	7	3	10	8	7	7	8	9	10
1930	7	9	9	6	3	8	6	6	6	7	8	8
1931	6	7	7	5	2	8	7	6	6	7	8	9
1932	6	8	8	5	2	8	6	6	6	7	7	8
1933	5	7	7	5	2	8	6	6	6	7	7	8
1934	5	7	7	5	2	8	7	6	6	7	8	9
1935	6	8	8	5	2	8	6	8	8	9	10	11
1936	7	10	10	6	3	11	9	8	8	10	11	12
1937	8	11	11	7	3	9	9	8	8	10	11	12
1938	8	11	11	7	3	15	12	11	11	13	15	16
1939	11	14	15	10	4	11	9	8	0	10	11	12
1940	8	11	11	7	3	11	10	11	11	13	15	16
1941	11	14	14	10	4	12	12	11	11	13	15	16
1942	11	14	15	10	4	13	11	10	10	12	13	14
1943	10	13	13	8	4	11	10	9	9	11	12	13
1944	9	12	12	8	4	8	7	6	6	7	8	9
1945	6	8	8	5	2	11	9	8	8	10	11	12
1946	8	11	11	7	3	13	10	10	10	11	13	14
1947	9	12	12	8	4	8	8	8	8	9	10	11
1948	7	10	10	7	3	8	9	8	8	10	11	12
1949	8	11	11	7	3	10	9	8	8	10	11	12
1950	8	11	11	7	3	10	8	8	8	9	10	11
1951	8	10	10	7	3	13	11	10	10	12	13	14
1952	10	12	13	8	4	15	12	11	11	13	15	16
1953	11	14	15	10	4	11	9	8	8	10	11	12
1954	8	11	11	7	3	11	9	8	8	10	11	12
1955	8	11	11	7	3	11	9	8	8	10	11	12
1956	8	11	11	7	3	15	12	11	11	13	15	16
1957	11	14	15	10	4	8	0	0	0	7	7	8
1958	5	7	7	5	2	15	12	11	11	13	15	16
1959	11	14	15	10	4	10	8	7	6	8	9	10
1960	7	9	9	6	3	10	9	8	8	10	11	12
1961	8	11	11	7	3	11	9	8	8	10	11	12
1962	8	11	11	7	3	11	9	8	8	10	11	12
1963	8	11	11	7	3	13	11	11	11	13	15	16
1964	11	14	14	10	4	10	8	8	8	9	10	11
1965	7	10	10	7	3	11	9	10	10	12	13	14
1966	10	12	13	8	4	11	9	8	8	9	10	11
1967	8	10	10	7	3	15	12	11	11	13	15	16
1968	11	14	15	10	4	11	9	8	8	10	11	12
1969	8	11	11	7	3	15	12	11	11	13	15	16
1970	11	14	15	10	4	11	9	8	8	10	11	12
1971	8	11	11	7	3	11	9	8	8	10	11	12
1972	8	11	11	7	3	11	8	8	8	9	10	11
1973	8	10	10	7	3	13	11	10	10	12	13	14
1974	10	12	13	8	4	13	12	11	11	13	15	16
1975	11	14	15	10	4	10	9	8	8	10	11	11
1976	8	10	10	7	3	9	7	7	7	8	9	9
1977	6	8	8	6	3	8	6	6	6	7	8	8
1978	6	7	7	5	2	13	12	11	11	13	15	16
1979	11	14	15	10	4	10	9	8	8	10	11	12
1980	8	11	11	7	3	14	11	10	10	12	14	15
1981	10	13	13	9	4	11	9	8	8	10	11	12
1982	8	11	11	7	3	15	12	11	11	13	15	16
1983	11	14	15	10	4	15	12	11	11	13	15	16
1984	11	14	15	10	4	15	12	11	11	13	14	16
1985	11	14	14	9	4	11	9	8	8	10	11	12
1986	8	11	11	7	3	11	9	8	8	10	11	12
1987	8	11	11	7	3	8	7	7	7	8	9	10
1988	7	9	9	6	3	8	7	6	6	7	8	9
1989	6	8	8	5	2	8	9	8	8	10	11	12
1990	8	11	11	7	3	8	6	6	6	7	7	8
1991	5	7	7	5	2	8	7	7	7	8	9	10
1992	7	9	9	6	3	8	6	6	6	7	7	8
1993	5	7	7	5	2	11	11	11	11	12	14	15
1994	10	13	14	9	4	11	9	8	8	10	11	12
1995	8	11	11	7	3	15	12	11	11	13	15	16
1996	11	14	15	10	4	14	12	11	11	13	3	16
1997	11	14	15	10	4	11	9	9	9	10	11	12
1998	8	11	11	7	3	15	12	11	11	13	15	16
1999	11	14	15	10	4	13	11	10	10	12	13	14
2000	10	12	13	8	4	10	9	8	8	10	11	12
2001	8	10	11	7	3	11	9	8	8	10	11	12
2002	8	11	11	7	3	12	10	9	9	11	12	13
2003	9	12	12	8	4	12	9	8	8	10	11	12

Data extracted from DWR 1077 for CWF H3+ by using MBK script
 Key: CalSim Arc = DEL_CVP_PMI_S

Table w-3: Change in CVP South of Delta M&I Deliveries in 1,000 acre-feet Under CWF H3+ (CWF H3+ minus NAA)

WY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1922	0	0	0	0	0	0	-1	-1	-1	-1	-1	-1
1923	-1	-1	-1	0	0	0	0	0	0	0	0	0
1924	0	0	0	0	0	0	0	0	0	0	0	0
1925	0	0	0	0	0	0	0	1	1	1	1	1
1926	1	1	1	1	0	1	1	1	1	1	1	1
1927	1	1	1	1	0	1	1	1	1	1	1	1
1928	1	1	1	1	0	0	0	0	0	0	0	0
1929	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
1931	0	0	0	0	0	1	0	0	0	0	1	1
1932	0	1	1	0	0	0	0	0	0	0	0	0
1933	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
1935	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
1937	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
1939	0	0	0	0	0	0	0	0	-8	8	0	0
1940	0	0	0	0	0	0	1	3	3	3	4	4
1941	3	3	4	2	1	-2	0	0	0	0	0	0
1942	0	0	0	0	0	-2	-1	-1	-1	-2	-2	-2
1943	-1	-2	-2	-1	-1	-2	-1	-1	-1	-1	-1	-1
1944	-1	-1	-1	-1	0	0	0	0	0	0	0	0
1945	0	0	0	0	0	0	0	0	0	0	0	0
1946	0	0	0	0	0	0	0	0	0	0	0	-1
1947	0	0	0	0	0	0	0	0	0	0	0	0
1948	0	0	0	0	0	0	1	0	0	0	0	0
1949	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
1951	0	0	0	0	0	0	0	0	0	0	11	0
1952	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
1954	0	0	0	0	0	0	0	0	0	0	9	0
1955	0	0	0	0	0	0	0	0	0	0	0	0
1956	0	0	0	0	0	0	0	0	0	0	0	0
1957	0	0	0	0	0	-4	-9	-8	-8	-3	-2	-4
1958	-3	-4	-4	-2	-1	1	0	0	0	0	0	0
1959	0	0	0	0	0	-2	-2	-2	-3	-2	1	-2
1960	-2	-2	-2	-1	-1	1	1	1	1	1	1	1
1961	0	1	1	0	0	1	0	0	0	8	0	0
1962	0	0	0	0	0	0	0	0	0	0	0	0
1963	0	0	0	0	0	2	1	3	3	3	3	4
1964	2	3	3	2	1	0	0	0	0	0	0	0
1965	0	0	0	0	0	0	0	0	0	0	0	0
1966	0	0	0	0	0	0	-1	-1	-1	-1	-1	-2
1967	-1	-1	-1	-1	0	0	0	0	0	0	0	0
1968	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
1970	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
1972	0	0	0	0	0	0	-1	-1	-1	-1	-1	-1
1973	-1	-1	-1	-1	0	1	0	0	0	0	0	0
1974	0	0	0	0	0	1	0	1	1	1	1	1
1975	1	1	1	1	0	-1	-1	-1	-1	-1	-1	-1
1976	-1	-1	-1	-1	0	0	0	0	0	0	0	0
1977	0	0	0	0	0	0	0	0	0	0	0	0
1978	0	0	0	0	0	1	0	0	0	0	0	0
1979	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
1981	0	0	0	0	0	0	0	0	0	0	9	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	0	0	12	0
1985	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
1987	0	0	0	0	0	0	0	0	0	0	0	0
1988	0	0	0	0	0	1	1	1	1	1	1	1
1989	1	1	1	1	0	0	1	1	1	1	4	1
1990	1	1	1	1	0	0	0	0	0	0	0	0
1991	0	0	0	0	0	0	1	1	7	1	2	1
1992	1	1	1	0	0	0	0	0	0	0	2	0
1993	0	0	0	0	0	0	1	1	1	2	2	2
1994	1	2	2	1	1	0	0	0	0	0	0	0
1995	0	0	0	0	0	1	0	0	0	0	0	0
1996	0	0	0	0	0	0	0	0	0	0	-12	0
1997	0	0	0	0	0	-2	-1	-1	-1	-2	-2	-2
1998	-1	-2	-2	-1	-1	0	0	0	0	0	0	0
1999	0	0	0	0	0	2	1	1	1	1	2	2
2000	1	2	2	1	0	-2	-1	-1	-1	-1	9	-2
2001	-1	-1	-2	-1	0	1	1	1	1	1	1	1
2002	1	1	1	1	0	1	1	1	1	1	1	1
2003	1	1	1	1	0	1	0	0	0	0	0	0

Table x-1: CVP South of Delta Refuge Level 2 Deliveries in 1,000 acre-feet Under No Action Alternative (NAA)

WY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1922	66	41	19	9	6	6	12	26	28	7	12	50
1923	66	41	19	9	6	6	12	26	28	7	12	50
1924	66	41	19	9	6	4	9	19	21	5	9	37
1925	49	31	15	7	4	6	12	26	28	7	12	50
1926	66	41	19	9	6	6	12	26	28	7	12	50
1927	66	41	19	9	6	6	12	26	28	7	12	50
1928	66	41	19	9	6	6	12	26	28	7	12	50
1929	66	41	19	9	6	4	9	19	21	5	9	37
1930	49	31	15	7	4	6	12	26	28	7	12	50
1931	66	41	19	9	6	4	9	19	21	5	9	37
1932	49	31	15	7	4	6	12	26	28	7	12	50
1933	66	41	19	9	6	4	9	19	21	5	9	37
1934	49	31	15	7	4	4	9	19	21	5	9	37
1935	49	31	15	7	4	6	12	26	28	7	12	50
1936	66	41	19	9	6	6	12	26	28	7	12	50
1937	66	41	19	9	6	6	12	26	28	7	12	50
1938	66	41	19	9	6	6	12	26	28	7	12	50
1939	66	41	19	9	6	4	9	19	21	5	9	37
1940	49	31	15	7	4	6	12	26	28	7	12	50
1941	66	41	19	9	6	6	12	26	28	7	12	50
1942	66	41	19	9	6	6	12	26	28	7	12	50
1943	66	41	19	9	6	6	12	26	28	7	12	50
1944	66	41	19	9	6	6	12	26	28	7	12	50
1945	66	41	19	9	6	6	12	26	28	7	12	50
1946	66	41	19	9	6	6	12	26	28	7	12	50
1947	66	41	19	9	6	6	12	26	28	7	12	50
1948	66	41	19	9	6	6	12	26	28	7	12	50
1949	66	41	19	9	6	6	12	26	28	7	12	50
1950	66	41	19	9	6	6	12	26	28	7	12	50
1951	66	41	19	9	6	6	12	26	28	7	12	50
1952	66	41	19	9	6	6	12	26	28	7	12	50
1953	66	41	19	9	6	6	12	26	28	7	12	50
1954	66	41	19	9	6	6	12	26	28	7	12	50
1955	66	41	19	9	6	6	12	26	28	7	12	50
1956	66	41	19	9	6	6	12	26	28	7	12	50
1957	66	41	19	9	6	6	12	26	28	7	12	50
1958	66	41	19	9	6	6	12	26	28	7	12	50
1959	66	41	19	9	6	6	12	26	28	7	12	50
1960	66	41	19	9	6	6	12	26	28	7	12	50
1961	66	41	19	9	6	6	12	26	28	7	12	50
1962	66	41	19	9	6	6	12	26	28	7	12	50
1963	66	41	19	9	6	6	12	26	28	7	12	50
1964	66	41	19	9	6	6	12	26	28	7	12	50
1965	66	41	19	9	6	6	12	26	28	7	12	50
1966	66	41	19	9	6	6	12	26	28	7	12	50
1967	66	41	19	9	6	6	12	26	28	7	12	50
1968	66	41	19	9	6	6	12	26	28	7	12	50
1969	66	41	19	9	6	6	12	26	28	7	12	50
1970	66	41	19	9	6	6	12	26	28	7	12	50
1971	66	41	19	9	6	6	12	26	28	7	12	50
1972	66	41	19	9	6	6	12	26	28	7	12	50
1973	66	41	19	9	6	6	12	26	28	7	12	50
1974	66	41	19	9	6	6	12	26	28	7	12	50
1975	66	41	19	9	6	6	12	26	28	7	12	50
1976	66	41	19	9	6	6	12	26	28	7	12	50
1977	66	41	19	9	6	4	9	19	21	5	9	37
1978	49	31	15	7	4	6	12	26	28	7	12	50
1979	66	41	19	9	6	6	12	26	28	7	12	50
1980	66	41	19	9	6	6	12	26	28	7	12	50
1981	66	41	19	9	6	6	12	26	28	7	12	50
1982	66	41	19	9	6	6	12	26	28	7	12	50
1983	66	41	19	9	6	6	12	26	28	7	12	50
1984	66	41	19	9	6	6	12	26	28	7	12	50
1985	66	41	19	9	6	6	12	26	28	7	12	50
1986	66	41	19	9	6	6	12	26	28	7	12	50
1987	66	41	19	9	6	6	12	26	28	7	12	50
1988	66	41	19	9	6	6	12	26	28	7	12	50
1989	66	41	19	9	6	6	12	26	28	7	12	50
1990	66	41	19	9	6	6	12	26	28	7	12	50
1991	66	41	19	9	6	4	9	19	8	5	9	37
1992	49	31	15	7	4	6	12	26	28	7	12	50
1993	66	41	19	9	6	6	12	26	28	7	12	50
1994	66	41	19	9	6	4	9	19	21	5	9	37
1995	49	31	15	7	4	6	12	26	28	7	12	50
1996	66	41	19	9	6	6	12	26	28	7	12	50
1997	66	41	19	9	6	6	12	26	28	7	12	50
1998	66	41	19	9	6	6	12	26	28	7	12	50
1999	66	41	19	9	6	6	12	26	28	7	12	50
2000	66	41	19	9	6	6	12	26	28	7	12	50
2001	66	41	19	9	6	6	12	26	28	7	12	50
2002	66	41	19	9	6	6	12	26	28	7	12	50
2003	66	41	19	9	6	6	12	26	28	7	12	50

Data extracted from DWR 500 by using MBK script
 Key: CalSim Arc = DEL_CVP_PRFS

Table x-2: CVP South of Delta Refuge Level 2 Deliveries in 1,000 acre-feet Under CWF H3+

WY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1922	66	41	19	9	6	6	12	26	28	7	12	50
1923	66	41	19	9	6	6	12	26	28	7	12	50
1924	66	41	19	9	6	4	9	19	21	5	9	37
1925	49	31	15	7	4	6	12	26	28	7	12	50
1926	66	41	19	9	6	6	12	26	28	7	12	50
1927	66	41	19	9	6	6	12	26	28	7	12	50
1928	66	41	19	9	6	6	12	26	28	7	12	50
1929	66	41	19	9	6	4	9	19	21	5	9	37
1930	49	31	15	7	4	6	12	26	28	7	12	50
1931	66	41	19	9	6	4	9	19	21	5	9	37
1932	49	31	15	7	4	6	12	26	28	7	12	50
1933	66	41	19	9	6	4	9	19	21	5	9	37
1934	49	31	15	7	4	4	9	19	21	5	9	37
1935	49	31	15	7	4	6	12	26	28	7	12	50
1936	66	41	19	9	6	6	12	26	28	7	12	50
1937	66	41	19	9	6	6	12	26	28	7	12	50
1938	66	41	19	9	6	6	12	26	28	7	12	50
1939	66	41	19	9	6	4	9	19	8	5	9	37
1940	49	31	15	7	4	6	12	26	28	7	12	50
1941	66	41	19	9	6	6	12	26	28	7	12	50
1942	66	41	19	9	6	6	12	26	28	7	12	50
1943	66	41	19	9	6	6	12	26	28	7	12	50
1944	66	41	19	9	6	6	12	26	28	7	12	50
1945	66	41	19	9	6	6	12	26	28	7	12	50
1946	66	41	19	9	6	6	12	26	28	7	12	50
1947	66	41	19	9	6	6	12	26	28	7	12	50
1948	66	41	19	9	6	6	12	26	28	7	12	50
1949	66	41	19	9	6	6	12	26	28	7	12	50
1950	66	41	19	9	6	6	12	26	28	7	12	50
1951	66	41	19	9	6	6	12	26	28	7	12	50
1952	66	41	19	9	6	6	12	26	28	7	12	50
1953	66	41	19	9	6	6	12	26	28	7	12	50
1954	66	41	19	9	6	6	12	26	28	7	12	50
1955	66	41	19	9	6	6	12	26	28	7	12	50
1956	66	41	19	9	6	6	12	26	28	7	12	50
1957	66	41	19	9	6	6	6	1	11	7	12	50
1958	66	41	19	9	6	6	12	26	28	7	12	50
1959	66	41	19	9	6	6	12	26	12	7	12	50
1960	66	41	19	9	6	6	12	26	28	7	12	50
1961	66	41	19	9	6	6	12	26	28	7	12	50
1962	66	41	19	9	6	6	12	26	28	7	12	50
1963	66	41	19	9	6	6	12	26	28	7	12	50
1964	66	41	19	9	6	6	12	26	28	7	12	50
1965	66	41	19	9	6	6	12	26	28	7	12	50
1966	66	41	19	9	6	6	12	26	28	7	12	50
1967	66	41	19	9	6	6	12	26	28	7	12	50
1968	66	41	19	9	6	6	12	26	28	7	12	50
1969	66	41	19	9	6	6	12	26	28	7	12	50
1970	66	41	19	9	6	6	12	26	28	7	12	50
1971	66	41	19	9	6	6	12	26	28	7	12	50
1972	66	41	19	9	6	6	12	26	28	7	12	50
1973	66	41	19	9	6	6	12	26	28	7	12	50
1974	66	41	19	9	6	6	12	26	28	7	12	50
1975	66	41	19	9	6	6	12	26	28	7	12	50
1976	66	41	19	9	6	6	12	26	28	7	12	50
1977	66	41	19	9	6	4	9	19	21	5	9	37
1978	49	31	15	7	4	6	12	26	28	7	12	50
1979	66	41	19	9	6	6	12	26	28	7	12	50
1980	66	41	19	9	6	6	12	26	28	7	12	50
1981	66	41	19	9	6	6	12	26	28	7	12	50
1982	66	41	19	9	6	6	12	26	28	7	12	50
1983	66	41	19	9	6	6	12	26	28	7	12	50
1984	66	41	19	9	6	6	12	26	28	7	12	50
1985	66	41	19	9	6	6	12	26	28	7	12	50
1986	66	41	19	9	6	6	12	26	28	7	12	50
1987	66	41	19	9	6	6	12	26	28	7	12	50
1988	66	41	19	9	6	6	12	26	28	7	12	50
1989	66	41	19	9	6	6	12	26	28	7	12	50
1990	66	41	19	9	6	6	12	26	28	7	12	50
1991	66	41	19	9	6	4	9	19	21	5	9	37
1992	49	31	15	7	4	6	12	26	28	7	12	50
1993	66	41	19	9	6	6	12	26	28	7	12	50
1994	66	41	19	9	6	4	9	19	21	5	9	37
1995	49	31	15	7	4	6	12	26	28	7	12	50
1996	66	41	19	9	6	6	12	26	28	7	12	50
1997	66	41	19	9	6	6	12	26	28	7	12	50
1998	66	41	19	9	6	6	12	26	28	7	12	50
1999	66	41	19	9	6	6	12	26	28	7	12	50
2000	66	41	19	9	6	6	12	26	28	7	12	50
2001	66	41	19	9	6	6	12	26	28	7	12	50
2002	66	41	19	9	6	6	12	26	28	7	12	50
2003	66	41	19	9	6	6	12	26	28	7	12	50

Data extracted from DWR 1077 for CWF H3+ by using MBK script
 Key: CalSim Arc = DEL_CVP_PRFS_S

Table y-1: SWP South of Delta Table A in 1,000 acre-feet Under No Action Alternative (NAA)

WY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1922	251	198	283	13	18	157	206	285	347	368	395	317
1923	297	259	246	13	38	28	111	176	305	393	410	336
1924	270	214	205	4	6	9	13	65	105	133	67	12
1925	137	87	88	4	6	11	25	121	198	250	232	188
1926	145	99	106	4	9	20	24	156	277	364	378	319
1927	241	190	182	6	14	152	176	271	330	350	382	300
1928	282	244	232	11	17	20	222	316	381	405	418	353
1929	333	293	282	4	6	9	12	67	110	139	129	64
1930	71	82	76	4	8	12	32	127	210	268	253	205
1931	156	122	116	4	7	15	23	126	208	261	247	28
1932	107	120	315	4	8	12	19	107	175	222	205	167
1933	128	87	93	4	7	17	36	131	229	303	307	180
1934	139	127	190	4	6	9	15	83	135	172	158	74
1935	119	82	84	4	10	17	161	308	370	394	409	345
1936	327	286	270	4	7	144	197	280	340	361	390	311
1937	292	253	240	4	6	18	185	255	334	378	402	333
1938	289	244	232	110	119	179	264	368	450	470	481	396
1939	378	342	335	6	11	17	39	126	210	267	193	122
1940	150	123	258	4	7	27	129	225	327	395	419	337
1941	285	235	223	13	98	161	227	321	393	416	432	359
1942	337	296	281	105	91	137	183	259	320	338	368	288
1943	268	232	221	8	77	121	251	346	420	444	453	377
1944	326	89	276	4	6	12	27	124	204	257	239	194
1945	148	108	106	7	11	77	217	298	360	383	403	333
1946	313	273	259	66	42	53	149	241	321	365	393	319
1947	274	231	220	4	7	12	55	128	218	283	275	225
1948	169	133	127	4	7	9	23	250	347	409	425	348
1949	311	259	245	4	6	9	16	78	128	162	149	121
1950	93	64	68	4	8	17	192	264	337	373	398	328
1951	292	249	236	124	110	154	190	284	351	371	402	315
1952	294	255	243	108	103	152	216	369	449	468	479	395
1953	378	263	365	32	18	26	110	168	300	390	406	333
1954	266	153	257	4	11	24	118	193	315	397	418	340
1955	279	223	213	5	9	14	21	128	212	270	256	208
1956	158	123	117	117	126	178	223	320	394	417	436	357
1957	333	286	285	4	8	16	89	128	228	306	317	262
1958	189	150	143	7	17	194	281	382	469	481	493	399
1959	391	182	378	4	11	26	104	150	196	382	390	323
1960	213	161	168	4	6	9	29	125	205	259	242	196
1961	149	112	107	4	7	11	45	127	214	274	262	213
1962	162	127	121	4	7	29	118	196	317	397	418	339
1963	279	224	214	113	88	88	135	228	308	350	376	304
1964	259	218	207	7	17	21	100	144	258	347	357	298
1965	190	182	175	20	52	98	153	256	326	358	388	311
1966	279	238	226	15	98	141	178	249	315	342	371	294
1967	266	228	217	5	97	128	242	335	408	433	443	369
1968	347	186	349	7	18	26	108	156	279	368	382	319
1969	238	188	180	14	129	185	272	376	458	474	485	397
1970	385	345	353	118	93	136	178	260	320	339	369	288
1971	268	232	221	111	78	69	119	209	304	363	387	316
1972	256	211	201	7	12	18	55	128	220	288	284	234
1973	175	138	131	13	115	162	199	291	356	377	404	323
1974	302	264	251	123	100	141	179	264	326	345	376	293
1975	273	236	225	8	13	145	180	273	332	352	383	303
1976	284	247	234	6	9	15	22	113	185	234	216	176
1977	135	92	99	4	6	9	14	80	128	167	152	86
1978	49	111	104	4	30	162	215	360	435	454	465	387
1979	368	317	347	4	6	17	114	165	294	383	398	330
1980	257	203	194	8	121	186	263	364	444	463	474	392
1981	373	323	341	4	8	12	39	126	211	269	255	207
1982	157	123	117	110	107	177	265	369	451	470	482	397
1983	379	343	337	139	124	177	261	365	447	475	478	393
1984	374	337	331	151	124	176	220	309	383	405	428	344
1985	321	281	268	10	13	22	189	261	334	372	352	201
1986	191	326	270	4	7	162	235	325	395	419	432	361
1987	339	177	263	4	6	8	14	68	111	141	130	106
1988	81	55	59	4	8	9	13	65	105	133	123	100
1989	76	53	57	5	8	10	133	221	327	398	422	338
1990	285	233	146	4	7	9	14	70	115	145	134	109
1991	84	57	61	4	6	9	13	65	106	135	73	32
1992	94	88	102	4	6	9	13	66	108	137	61	95
1993	42	108	96	5	29	52	133	219	321	388	413	333
1994	277	228	216	6	10	19	49	127	207	278	268	219
1995	166	130	124	4	97	142	259	358	435	456	467	387
1996	367	275	242	13	74	155	216	299	366	388	411	333
1997	313	147	368	108	101	152	214	295	371	392	417	334
1998	312	272	259	6	98	156	273	376	457	472	484	396
1999	385	344	354	93	18	58	142	233	318	368	395	322
2000	271	227	216	4	13	110	194	278	337	358	387	309
2001	291	252	239	4	6	9	14	80	130	164	151	123
2002	95	64	69	10	16	23	197	270	336	367	392	195
2003	106	172	250	16	18	26	108	164	280	381	405	335

Data extracted from DWR 500 by using MBK script
 Key: CalSim Arc = SWP_TA_TOTAL

Table y-2: SWP South of Delta Table A in 1,000 acre-feet Under CWF H3+

WY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1922	251	197	283	13	16	159	210	290	353	374	400	322
1923	303	264	251	117	86	71	108	195	294	368	389	318
1924	250	203	194	4	6	8	12	63	102	130	120	31
1925	103	67	71	4	7	18	76	128	224	298	302	249
1926	183	144	138	4	7	19	23	148	263	350	363	307
1927	223	176	168	5	16	169	208	298	363	385	408	332
1928	312	273	259	9	15	21	222	313	377	401	415	350
1929	330	258	293	4	6	8	12	60	98	124	91	37
1930	72	89	88	4	8	15	101	146	260	350	362	300
1931	217	171	164	4	6	9	13	77	126	160	147	20
1932	135	87	93	4	11	19	36	130	224	294	293	241
1933	180	142	135	4	7	16	30	132	229	302	305	253
1934	148	143	183	4	6	9	14	84	138	174	161	76
1935	119	84	86	4	11	18	223	348	418	438	448	376
1936	358	325	317	4	12	170	208	301	366	388	410	335
1937	315	276	262	4	6	21	223	305	367	391	408	341
1938	322	281	266	120	125	178	263	366	448	469	480	395
1939	376	340	333	6	10	14	21	106	174	220	198	128
1940	133	99	108	4	8	161	209	333	404	430	427	371
1941	349	247	329	16	117	186	232	364	442	457	475	393
1942	374	339	333	118	108	166	219	313	386	409	429	349
1943	326	156	335	11	95	155	239	331	395	431	443	368
1944	347	122	373	4	6	10	22	108	177	224	206	168
1945	129	88	94	7	10	102	215	292	359	381	403	330
1946	310	270	256	124	110	154	182	267	330	349	380	296
1947	276	238	227	4	7	11	61	128	220	287	283	232
1948	173	137	130	4	7	9	23	226	338	409	426	347
1949	307	252	239	4	6	9	25	121	198	250	232	188
1950	145	99	105	4	7	18	126	181	310	396	414	337
1951	276	219	210	136	109	153	189	283	350	370	401	314
1952	293	254	242	112	121	179	224	373	454	472	484	398
1953	381	344	343	111	103	152	190	279	344	364	396	309
1954	288	116	333	5	14	28	105	158	283	372	386	322
1955	243	192	184	5	10	15	22	127	211	269	255	207
1956	157	123	117	131	125	177	222	319	394	417	436	356
1957	332	64	390	4	7	15	46	69	178	306	289	230
1958	171	134	127	9	99	188	274	378	461	460	492	402
1959	391	348	359	4	10	45	109	157	278	372	386	322
1960	240	161	173	4	6	9	24	117	190	240	222	181
1961	139	95	101	5	8	18	97	140	250	336	348	288
1962	131	204	194	4	7	84	110	168	299	390	405	334
1963	260	206	197	136	109	153	189	309	381	403	425	344
1964	322	281	268	7	14	17	68	127	221	291	291	239
1965	159	149	143	117	110	155	190	286	353	373	403	317
1966	296	257	245	15	34	95	117	169	296	386	401	330
1967	254	201	193	12	125	186	272	376	458	474	486	398
1968	385	345	354	9	20	161	208	288	350	372	398	320
1969	300	262	249	13	129	185	272	377	458	474	485	397
1970	385	345	352	123	108	155	190	281	347	367	399	311
1971	290	252	240	118	95	113	115	206	298	353	376	306
1972	249	144	257	7	11	18	33	125	207	263	248	201
1973	153	119	113	35	114	160	197	289	355	376	403	321
1974	301	262	249	131	110	154	189	309	381	403	425	345
1975	322	120	365	8	10	23	110	168	299	388	404	332
1976	265	208	201	6	7	13	19	94	154	195	180	146
1977	112	77	82	4	6	9	13	72	114	152	137	85
1978	51	94	88	4	113	187	234	380	465	479	491	399
1979	390	347	358	4	6	17	91	131	234	315	326	270
1980	195	154	148	9	120	186	263	365	445	464	475	393
1981	374	242	351	4	8	13	35	126	208	264	249	201
1982	153	119	113	136	124	177	261	365	447	468	479	394
1983	375	339	334	151	124	176	260	364	446	474	477	396
1984	372	336	329	151	124	176	220	304	383	406	429	345
1985	322	282	268	12	12	20	116	166	297	386	402	236
1986	189	293	279	4	7	169	250	345	418	442	452	376
1987	355	107	258	4	6	8	13	63	103	78	50	84
1988	30	67	205	4	8	10	13	74	121	153	141	105
1989	42	89	90	4	7	10	161	256	337	383	406	336
1990	293	248	235	4	7	9	14	68	111	141	97	111
1991	63	83	59	4	6	9	13	65	106	134	97	34
1992	106	84	85	4	6	9	13	65	106	134	47	97
1993	25	42	182	4	97	164	201	290	355	376	403	322
1994	302	263	250	7	10	19	48	126	214	276	265	217
1995	136	145	134	4	113	175	275	381	461	476	488	398
1996	388	346	357	15	111	180	234	327	400	419	441	365
1997	319	138	364	115	109	161	210	294	363	384	411	326
1998	305	223	290	7	97	161	277	383	464	478	490	399
1999	390	346	358	136	109	153	189	280	346	365	398	309
2000	288	105	345	4	13	91	207	290	351	373	397	323
2001	304	177	304	4	6	9	15	91	149	189	174	141
2002	109	74	79	14	64	27	217	297	359	382	402	332
2003	138	157	418	16	82	156	171	262	320	340	370	290

Data extracted from DWR 1077 for CWF H3+ by using MBK script
 Key: CalSim Arc = SWP_TA_TOTAL

Table y-3: Change in SWP South of Delta Table A in 1,000 acre-feet Under CWF H3+ (CWF H3+ minus NAA)

WY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1922	0	-1	0	-1	-2	2	4	5	6	6	5	6
1923	6	5	5	104	48	43	-4	18	-11	-25	-21	-18
1924	-20	-11	-11	0	0	0	-1	-2	-3	-4	53	19
1925	-34	-20	-17	0	0	6	52	7	26	48	70	60
1926	38	46	32	0	-2	0	-1	-8	-14	-14	-15	-12
1927	-18	-14	-13	-1	2	18	32	27	33	35	26	32
1928	30	28	27	-1	-1	1	0	-3	-4	-4	-3	-2
1929	-2	-35	11	0	0	0	0	-7	-12	-15	-38	-27
1930	1	7	12	0	1	2	69	19	50	82	108	95
1931	61	50	48	0	-1	-7	-10	-49	-82	-101	-100	-7
1932	28	-34	-222	0	4	7	16	22	49	72	88	75
1933	52	54	41	0	0	-1	-6	1	0	-1	-2	73
1934	9	16	-7	0	0	0	0	1	2	3	3	2
1935	1	1	1	0	1	2	62	40	47	44	38	31
1936	31	39	46	0	5	26	11	21	26	27	20	25
1937	24	22	21	0	0	3	38	50	33	13	6	8
1938	32	37	34	10	6	-1	-1	-2	-2	-1	-1	-1
1939	-1	-2	-2	0	-1	-3	-18	-19	-36	-47	4	6
1940	-17	-24	-150	0	1	133	80	108	77	35	8	34
1941	64	12	106	3	19	25	5	43	50	41	43	34
1942	37	43	51	13	18	30	36	54	67	71	61	62
1943	58	-76	115	4	18	33	-12	-15	-25	-12	-10	-9
1944	22	33	96	0	0	-2	-5	-16	-27	-33	-32	-26
1945	-19	-20	-11	0	-1	26	-2	-6	-1	-2	-1	-3
1946	-3	-3	-3	58	68	101	32	26	8	-16	-14	-23
1947	1	7	8	0	0	-1	6	0	2	5	8	7
1948	4	3	3	0	0	0	0	-24	-9	0	1	-1
1949	-4	-7	-6	0	0	0	9	43	70	88	82	67
1950	51	35	37	0	0	0	-66	-83	-26	23	17	10
1951	-16	-30	-27	12	-1	-1	-1	-1	-1	-1	-1	-1
1952	-1	-1	-1	4	18	27	8	4	5	4	5	3
1953	3	82	-22	79	85	126	81	111	44	-26	-10	-25
1954	22	-38	76	1	2	5	-13	-35	-33	-25	-32	-17
1955	-36	-32	-29	1	1	1	1	0	-1	-1	-1	-1
1956	0	0	0	14	-1	-1	-1	-1	-1	-1	0	-1
1957	-1	-222	105	0	0	-1	-43	-58	-49	0	-28	-32
1958	-18	-16	-17	3	81	-6	-6	-4	-8	-21	-1	3
1959	1	166	-19	0	-1	19	5	7	82	-9	-4	-1
1960	27	0	6	0	0	0	-5	-9	-15	-19	-19	-15
1961	-10	-17	-6	0	1	7	52	13	36	62	86	75
1962	-30	77	73	0	0	55	-8	-28	-17	-8	-13	-5
1963	-18	-19	-17	23	21	66	54	81	72	53	48	41
1964	63	64	61	0	-2	-4	-31	-17	-37	-56	-66	-59
1965	-30	-33	-33	97	59	57	37	30	27	15	15	5
1966	17	19	19	0	-64	-46	-62	-80	-19	44	31	36
1967	-12	-27	-24	8	28	57	30	41	51	41	43	29
1968	38	159	5	3	2	134	100	132	72	4	16	1
1969	62	74	68	0	0	0	0	1	0	0	0	0
1970	0	0	0	5	15	18	12	21	26	28	30	23
1971	22	20	19	7	17	44	-4	-3	-6	-10	-11	-10
1972	-7	-67	56	1	0	0	-22	-3	-13	-24	-36	-32
1973	-21	-19	-18	22	-1	-1	-2	-1	-1	-2	-1	-2
1974	-2	-2	-2	9	10	13	10	45	55	58	49	52
1975	49	-116	140	0	-2	-122	-70	-106	-33	36	20	29
1976	-20	-39	-32	0	-1	-2	-3	-19	-32	-40	-37	-30
1977	-23	-16	-17	0	0	-1	-1	-8	-13	-15	-15	-1
1978	2	-17	-16	0	83	25	19	19	30	24	26	12
1979	22	30	11	0	0	0	-23	-33	-59	-67	-71	-60
1980	-62	-49	-47	1	-1	0	1	1	1	1	1	1
1981	1	-81	10	0	0	1	-5	-1	-3	-5	-6	-5
1982	-4	-4	-4	26	17	0	-4	-4	-4	-3	-3	-3
1983	-4	-4	-3	12	-1	-1	-1	-1	-1	-1	-1	3
1984	-1	-2	-2	0	0	0	0	-5	1	1	1	1
1985	1	1	0	1	-1	-2	-74	-94	-37	15	50	35
1986	-1	-33	10	0	0	8	15	20	23	23	20	15
1987	16	-70	-6	0	0	0	-1	-5	-8	-63	-80	-21
1988	-51	11	145	0	0	0	1	9	15	19	18	5
1989	-34	36	33	0	0	-1	28	35	10	-16	-16	-2
1990	9	15	89	0	0	0	0	-2	-3	-4	-37	2
1991	-21	26	-2	0	0	0	0	0	0	0	24	2
1992	12	-5	-17	0	0	0	0	-2	-2	-3	-14	2
1993	-17	-66	86	0	68	112	68	71	34	-12	-10	-11
1994	25	35	33	0	0	1	-1	0	7	-3	-3	-2
1995	-30	15	10	0	16	33	16	22	26	20	21	11
1996	20	71	115	3	37	25	18	28	34	31	30	32
1997	7	-9	-4	7	7	9	-5	-1	-8	-8	-6	-8
1998	-8	-49	31	1	-1	5	5	8	7	5	6	3
1999	5	2	4	43	92	95	47	47	27	-2	3	-12
2000	17	-122	129	0	0	-19	13	12	14	15	10	14
2001	14	-75	65	0	0	0	1	12	19	24	22	18
2002	14	9	10	4	48	4	20	27	23	15	10	137
2003	32	-15	168	0	64	130	63	98	41	-42	-35	-45

Table z-1: SWP South of Delta Article 21 in 1,000 acre-feet Under No Action Alternative (NAA)

WY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1922	0	0	2	2	2	2	2	2	2	0	0	0
1923	0	0	2	2	0	2	2	2	2	2	0	0
1924	0	0	0	2	2	0	0	0	0	0	0	0
1925	0	2	2	2	2	2	2	2	0	0	2	0
1926	0	0	0	2	2	0	2	0	0	0	1	0
1927	0	2	2	2	2	2	2	2	0	2	0	0
1928	0	0	2	2	2	37	2	0	2	2	0	0
1929	0	0	0	2	2	2	2	0	0	0	2	0
1930	0	0	2	2	2	2	2	0	0	0	2	1
1931	2	0	0	2	2	2	0	0	0	0	2	0
1932	0	0	2	2	2	0	2	2	0	0	2	0
1933	2	0	2	2	2	2	22	0	0	0	0	0
1934	0	0	2	2	2	0	0	0	0	0	2	0
1935	0	2	2	2	2	2	2	1	0	0	2	0
1936	0	0	0	2	2	2	2	2	0	2	0	0
1937	0	0	0	2	2	200	2	2	0	0	0	0
1938	0	2	2	2	109	209	2	0	0	0	0	0
1939	0	0	2	2	2	2	0	2	2	2	0	0
1940	0	0	0	2	2	2	2	2	0	2	0	0
1941	0	0	2	2	2	2	2	1	0	0	0	0
1942	0	0	2	2	2	2	2	2	2	0	0	0
1943	0	0	2	2	2	2	2	0	0	2	0	0
1944	0	0	0	2	2	2	2	2	0	0	2	0
1945	0	2	2	2	167	297	2	2	0	0	0	0
1946	0	2	2	2	2	2	2	2	0	2	0	0
1947	0	0	2	2	2	2	2	2	0	0	2	0
1948	0	0	0	2	0	2	2	2	2	0	1	0
1949	0	0	2	2	2	2	2	0	0	0	2	0
1950	0	0	2	2	2	2	2	0	0	0	2	0
1951	0	2	2	27	202	212	2	2	2	2	0	0
1952	0	0	2	2	2	2	2	0	0	0	0	0
1953	0	0	2	2	2	2	2	2	2	0	0	0
1954	0	0	2	2	2	2	2	0	0	2	0	0
1955	0	0	2	2	2	2	2	2	0	0	2	0
1956	0	2	2	2	200	209	2	1	1	0	0	0
1957	0	0	2	2	2	2	2	2	0	2	0	0
1958	0	0	2	2	16	195	2	0	0	0	0	0
1959	0	0	2	2	2	2	0	2	2	2	0	1
1960	0	0	2	2	2	2	0	2	0	2	0	0
1961	0	2	2	2	2	2	0	2	2	0	2	0
1962	2	2	2	0	2	2	2	0	0	2	0	0
1963	2	2	2	2	2	2	2	2	0	2	0	0
1964	0	0	0	2	2	2	2	2	2	0	2	0
1965	0	2	2	2	2	2	2	2	0	2	0	0
1966	0	0	2	2	2	2	2	0	0	2	0	0
1967	0	2	2	2	2	2	2	1	1	0	0	0
1968	0	0	2	2	2	2	2	2	2	2	0	1
1969	0	2	2	2	72	80	2	0	0	0	0	0
1970	0	0	2	2	2	2	2	0	2	2	0	0
1971	0	1	2	2	2	2	2	2	2	2	0	0
1972	0	0	2	2	2	2	2	2	2	2	0	0
1973	0	2	2	95	125	103	2	2	0	2	0	0
1974	0	2	2	2	2	2	2	2	0	2	0	0
1975	0	0	2	2	2	2	2	2	0	0	0	0
1976	0	0	2	2	2	2	2	2	2	0	2	0
1977	0	0	0	2	0	0	0	0	0	0	0	0
1978	0	0	2	2	2	2	2	0	0	0	0	0
1979	0	0	2	2	2	2	2	2	0	0	0	0
1980	2	2	2	2	85	79	2	0	0	0	0	0
1981	0	0	2	2	2	2	2	2	0	0	2	0
1982	2	2	2	2	2	183	105	0	0	0	0	0
1983	0	2	2	2	2	66	2	0	0	2	0	0
1984	0	6	146	166	227	211	2	1	0	2	0	0
1985	0	2	2	2	2	2	2	0	2	2	0	0
1986	0	0	2	2	2	2	2	1	1	2	0	0
1987	0	0	0	2	2	2	0	2	0	0	2	0
1988	0	0	2	2	0	0	2	0	0	0	2	0
1989	0	2	2	2	0	2	2	0	0	2	1	0
1990	0	0	0	2	2	2	0	2	2	0	2	0
1991	0	0	2	0	2	2	2	2	0	0	2	0
1992	0	0	2	2	2	2	2	0	0	0	2	0
1993	0	0	2	2	2	2	2	2	2	0	0	0
1994	0	0	2	2	2	2	2	2	2	0	2	0
1995	0	0	2	2	2	2	2	0	0	0	0	0
1996	0	0	2	2	2	2	2	1	0	2	0	0
1997	0	0	2	2	2	27	2	2	2	2	0	0
1998	0	0	2	2	2	2	2	0	0	0	0	0
1999	0	2	2	2	2	2	2	2	0	2	0	0
2000	0	0	2	2	2	2	2	2	0	2	0	0
2001	0	0	0	2	2	2	2	2	0	0	2	0
2002	0	2	2	2	2	2	2	2	0	0	2	0
2003	0	0	2	2	2	2	2	2	0	2	0	0

Data extracted from DWR 500 by using MBK script
 Key: CalSim Arc = SWP_IN_TOTAL

Table z-2: SWP South of Delta Article 21 in 1,000 acre-feet Under CWF H3+

WY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1922	0	0	2	2	2	2	2	2	2	0	2	0
1923	0	0	2	2	0	2	2	2	2	0	0	0
1924	0	0	0	2	2	0	2	0	0	0	2	0
1925	0	0	2	2	2	2	2	2	0	0	2	0
1926	0	0	0	2	2	0	2	0	0	0	2	0
1927	0	2	2	2	87	30	2	1	0	2	0	0
1928	0	0	2	2	2	29	2	0	2	2	0	0
1929	0	0	0	2	2	2	2	0	0	0	2	0
1930	0	0	2	2	2	2	2	2	0	0	0	0
1931	0	0	0	2	2	2	0	0	0	0	2	0
1932	0	0	2	2	2	2	2	2	0	0	0	0
1933	0	0	2	2	2	2	0	2	0	0	0	0
1934	0	0	2	2	2	2	0	0	0	0	2	0
1935	0	0	2	2	2	156	173	0	0	0	0	0
1936	0	0	0	2	43	42	2	1	0	0	0	0
1937	0	0	2	2	2	246	2	1	0	0	0	0
1938	0	2	2	28	173	210	181	128	77	1	2	0
1939	0	0	2	2	2	2	0	2	2	0	0	0
1940	0	0	0	2	2	117	128	1	0	2	0	0
1941	0	0	2	2	11	54	2	0	0	0	0	0
1942	0	0	2	2	2	2	2	1	2	0	2	0
1943	0	0	2	2	2	200	2	1	1	2	0	0
1944	0	0	0	2	2	2	2	2	0	0	0	0
1945	0	2	2	2	285	274	2	2	0	0	0	0
1946	0	0	2	116	231	2	2	2	0	0	0	0
1947	0	0	2	2	2	2	2	2	0	0	2	0
1948	0	0	0	2	0	2	2	2	0	0	0	0
1949	0	0	2	2	2	2	2	2	0	0	0	0
1950	0	0	0	2	2	2	2	2	0	0	0	0
1951	0	2	17	235	237	229	2	2	2	2	0	0
1952	0	0	2	2	17	73	2	0	0	0	1	0
1953	0	0	2	2	2	2	2	2	0	2	0	0
1954	0	0	2	2	2	2	2	0	0	2	0	0
1955	0	0	2	2	2	2	2	2	0	0	2	0
1956	0	0	2	210	235	210	2	1	1	0	0	0
1957	0	0	1	2	2	2	2	2	0	2	0	0
1958	2	0	2	189	245	201	137	0	0	0	1	0
1959	0	0	1	2	2	2	2	2	2	0	0	0
1960	0	0	0	2	2	2	0	2	0	0	2	0
1961	0	0	2	2	2	88	2	2	0	0	2	0
1962	0	0	2	0	2	2	2	2	0	0	0	0
1963	2	2	14	2	233	194	203	1	0	2	0	0
1964	0	0	2	2	2	2	2	2	0	0	0	0
1965	0	2	2	42	236	222	2	2	0	2	1	0
1966	0	0	2	2	2	2	2	0	0	0	0	0
1967	0	2	2	2	57	244	140	119	69	1	1	0
1968	0	0	2	2	2	152	2	0	0	0	0	0
1969	0	0	2	2	11	73	2	0	0	1	1	0
1970	0	0	2	2	111	207	2	2	2	2	0	0
1971	0	0	2	2	2	2	2	2	0	2	0	0
1972	0	0	2	2	2	2	2	2	0	0	0	0
1973	0	2	2	294	233	223	2	2	0	0	2	0
1974	0	2	2	144	188	229	184	1	0	2	2	0
1975	0	0	2	2	2	2	2	2	2	0	0	0
1976	0	0	2	2	2	2	2	2	2	0	2	0
1977	0	0	0	2	0	0	0	0	0	0	0	0
1978	0	2	2	2	52	78	2	0	0	0	0	0
1979	0	0	0	2	2	2	2	2	0	0	0	0
1980	0	2	2	162	118	79	2	0	0	0	2	0
1981	0	0	2	2	2	2	2	2	0	0	0	0
1982	0	2	2	207	225	210	155	0	0	0	0	0
1983	0	2	2	2	90	89	2	0	0	2	0	0
1984	0	115	146	166	230	211	2	1	0	2	2	0
1985	0	2	2	2	2	2	2	2	0	0	0	0
1986	0	0	2	2	2	48	2	0	1	0	2	0
1987	0	0	0	2	2	2	0	2	0	0	0	0
1988	0	0	2	2	0	2	2	0	0	0	0	0
1989	0	2	2	2	0	2	2	0	0	0	2	0
1990	0	0	0	2	2	2	0	2	0	0	2	0
1991	0	0	2	0	2	2	2	2	0	0	2	0
1992	0	0	2	2	2	2	2	0	0	0	2	0
1993	0	0	2	2	2	207	2	2	2	0	0	0
1994	0	0	2	2	2	2	2	2	2	0	2	0
1995	0	0	2	2	2	61	2	0	0	0	1	0
1996	0	0	2	2	2	147	2	1	1	0	2	0
1997	0	0	2	2	2	168	2	2	2	2	1	0
1998	0	0	2	2	2	13	0	0	0	0	0	0
1999	0	1	110	94	205	229	2	2	0	2	1	0
2000	0	0	0	2	2	2	2	2	0	2	0	0
2001	0	0	0	2	2	2	2	2	0	0	0	0
2002	0	0	2	252	157	2	2	2	0	0	2	0
2003	0	0	2	2	2	2	2	2	2	0	0	0

Data extracted from DWR 1077 for CWF H3+ by using MBK script
 Key: CalSim Arc = SWP_IN_TOTAL

Table z-3: Change in SWP South of Delta Article 21 in 1,000 acre-feet Under CWF H3+ (CWF H3+ minus NAA)

WY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1922	0	0	0	0	0	0	0	0	0	0	2	0
1923	0	0	0	0	0	0	0	0	0	-2	0	0
1924	0	0	0	0	0	0	2	0	0	0	2	0
1925	0	-2	0	0	0	0	0	0	0	0	0	0
1926	0	0	0	0	0	0	0	0	0	0	0	0
1927	0	0	0	0	85	28	0	-1	0	0	0	0
1928	0	0	0	0	0	-9	0	0	0	0	0	0
1929	0	0	0	0	0	0	0	0	0	0	0	0
1930	0	0	0	0	0	0	0	2	0	0	-2	-1
1931	-2	0	0	0	0	0	0	0	0	0	0	0
1932	0	0	0	0	0	2	0	0	0	0	-2	0
1933	-2	0	0	0	0	0	-22	2	0	0	0	0
1934	0	0	0	0	0	2	0	0	0	0	0	0
1935	0	-2	0	0	0	154	171	-1	0	0	-2	0
1936	0	0	0	0	41	40	0	-1	0	-2	0	0
1937	0	0	2	0	0	46	0	-1	0	0	0	0
1938	0	0	0	26	64	1	179	128	77	1	2	0
1939	0	0	0	0	0	0	0	0	0	-2	0	0
1940	0	0	0	0	0	115	126	-1	0	0	0	0
1941	0	0	0	0	9	52	0	-1	0	0	0	0
1942	0	0	0	0	0	0	0	-1	0	0	2	0
1943	0	0	0	0	0	198	0	0	1	0	0	0
1944	0	0	0	0	0	0	0	0	0	0	-2	0
1945	0	0	0	0	118	-23	0	0	0	0	0	0
1946	0	-2	0	114	229	0	0	0	0	-2	0	0
1947	0	0	0	0	0	0	0	0	0	0	0	0
1948	0	0	0	0	0	0	0	0	-2	0	-1	0
1949	0	0	0	0	0	0	0	2	0	0	-2	0
1950	0	0	-2	0	0	0	0	2	0	0	-2	0
1951	0	0	15	209	35	17	0	0	0	0	0	0
1952	0	0	0	0	15	71	0	0	0	0	1	0
1953	0	0	0	0	0	0	0	0	-2	2	0	0
1954	0	0	0	0	0	0	0	0	0	0	0	0
1955	0	0	0	0	0	0	0	0	0	0	0	0
1956	0	-2	0	208	36	1	0	0	0	0	0	0
1957	0	0	-1	0	0	0	0	0	0	0	0	0
1958	2	0	0	187	229	5	135	0	0	0	1	0
1959	0	0	-1	0	0	0	2	0	0	0	0	-1
1960	0	0	-2	0	0	0	0	0	0	-2	2	0
1961	0	-2	0	0	0	86	2	0	-2	0	0	0
1962	-2	-2	0	0	0	0	0	2	0	-2	0	0
1963	0	0	12	0	231	192	201	-1	0	0	0	0
1964	0	0	2	0	0	0	0	0	-2	0	-2	0
1965	0	0	0	40	234	220	0	0	0	0	1	0
1966	0	0	0	0	0	0	0	0	0	-2	0	0
1967	0	0	0	0	55	242	138	118	68	1	1	0
1968	0	0	0	0	0	150	0	-2	-2	-2	0	-1
1969	0	-2	0	0	-61	-8	0	0	0	1	1	0
1970	0	0	0	0	109	205	0	2	0	0	0	0
1971	0	-1	0	0	0	0	0	0	-2	0	0	0
1972	0	0	0	0	0	0	0	0	-2	-2	0	0
1973	0	0	0	199	108	120	0	0	0	-2	2	0
1974	0	0	0	142	186	227	182	-1	0	0	2	0
1975	0	0	0	0	0	0	0	0	2	0	0	0
1976	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
1978	0	2	0	0	50	76	0	0	0	0	0	0
1979	0	0	-2	0	0	0	0	0	0	0	0	0
1980	-2	0	0	160	33	0	0	0	0	0	2	0
1981	0	0	0	0	0	0	0	0	0	0	-2	0
1982	-2	0	0	205	223	28	49	0	0	0	0	0
1983	0	0	0	0	88	23	0	0	0	0	0	0
1984	0	109	0	0	3	0	0	0	0	0	2	0
1985	0	0	0	0	0	0	0	2	-2	-2	0	0
1986	0	0	0	0	0	46	0	0	0	-2	2	0
1987	0	0	0	0	0	0	0	0	0	0	-2	0
1988	0	0	0	0	0	2	0	0	0	0	-2	0
1989	0	0	0	0	0	0	0	0	0	-2	1	0
1990	0	0	0	0	0	0	0	0	-2	0	0	0
1991	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
1993	0	0	0	0	0	205	0	0	0	0	0	0
1994	0	0	0	0	0	0	0	0	0	0	0	0
1995	0	0	0	0	0	59	0	0	0	0	1	0
1996	0	0	0	0	0	145	0	-1	1	-2	2	0
1997	0	0	0	0	0	142	0	0	0	0	1	0
1998	0	0	0	0	0	11	-2	0	0	0	0	0
1999	0	-1	108	92	203	227	0	0	0	0	1	0
2000	0	0	-2	0	0	0	0	0	0	0	0	0
2001	0	0	0	0	0	0	0	0	0	0	-2	0
2002	0	-2	0	250	155	0	0	0	0	0	0	0
2003	0	0	0	0	0	0	0	0	2	-2	0	0

Table aa-1: SWP South of Delta Article 56 in 1,000 acre-feet Under No Action Alternative (NAA)

WY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1922	0	0	0	0	0	0	0	0	0	0	0	0
1923	0	0	0	78	68	25	0	0	0	0	0	0
1924	0	0	0	6	4	0	0	0	0	0	0	0
1925	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
1927	0	0	0	1	0	0	0	0	0	0	0	0
1928	0	0	0	74	64	22	0	0	0	0	0	0
1929	0	0	0	34	29	9	0	0	0	0	0	0
1930	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
1932	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
1934	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
1936	0	0	0	78	68	23	0	0	0	0	0	0
1937	0	0	0	76	66	23	0	0	0	0	0	0
1938	0	0	0	56	48	0	0	0	0	0	0	0
1939	0	0	0	106	93	32	0	0	0	0	0	0
1940	0	0	0	0	0	0	0	0	0	0	0	0
1941	0	0	0	36	31	9	0	0	0	0	0	0
1942	0	0	0	29	24	7	0	0	0	0	0	0
1943	0	0	0	76	66	22	0	0	0	0	0	0
1944	0	0	0	6	4	0	0	0	0	0	0	0
1945	0	0	0	0	0	0	0	0	0	0	0	0
1946	0	0	0	79	69	24	0	0	0	0	0	0
1947	0	0	0	54	47	15	0	0	0	0	0	0
1948	0	0	0	0	0	0	0	0	0	0	0	0
1949	0	0	0	43	37	12	0	0	0	0	0	0
1950	0	0	0	0	0	0	0	0	0	0	0	0
1951	0	0	0	62	35	0	0	0	0	0	0	0
1952	0	0	0	83	73	25	0	0	0	0	0	0
1953	0	0	0	45	39	12	0	0	0	0	0	0
1954	0	0	0	1	0	0	0	0	0	0	0	0
1955	0	0	0	15	12	2	0	0	0	0	0	0
1956	0	0	0	0	0	0	0	0	0	0	0	0
1957	0	0	0	79	69	23	0	0	0	0	0	0
1958	0	0	0	0	0	0	0	0	0	0	0	0
1959	0	0	0	39	34	10	0	0	0	0	0	0
1960	0	0	0	1	0	0	0	0	0	0	0	0
1961	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
1963	0	0	0	17	14	3	0	0	0	0	0	0
1964	0	0	0	53	46	15	0	0	0	0	0	0
1965	0	0	0	1	0	0	0	0	0	0	0	0
1966	0	0	0	64	55	18	0	0	0	0	0	0
1967	0	0	0	53	46	15	0	0	0	0	0	0
1968	0	0	0	51	44	14	0	0	0	0	0	0
1969	0	0	0	1	0	0	0	0	0	0	0	0
1970	0	0	0	106	93	32	0	0	0	0	0	0
1971	0	0	0	76	66	23	0	0	0	0	0	0
1972	0	0	0	38	32	10	0	0	0	0	0	0
1973	0	0	0	0	0	0	0	0	0	0	0	0
1974	0	0	0	82	72	25	0	0	0	0	0	0
1975	0	0	0	78	68	23	0	0	0	0	0	0
1976	0	0	0	74	65	22	0	0	0	0	0	0
1977	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
1979	0	0	0	54	46	15	0	0	0	0	0	0
1980	0	0	0	1	0	0	0	0	0	0	0	0
1981	0	0	0	55	47	16	0	0	0	0	0	0
1982	0	0	0	0	0	0	0	0	0	0	0	0
1983	0	0	0	93	97	0	0	0	0	0	0	0
1984	0	0	0	94	0	0	0	0	0	0	0	0
1985	0	0	0	92	80	28	0	0	0	0	0	0
1986	0	0	0	6	4	0	0	0	0	0	0	0
1987	0	0	0	6	4	0	0	0	0	0	0	0
1988	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
1990	0	0	0	6	4	0	0	0	0	0	0	0
1991	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
1993	0	0	0	0	0	0	0	0	0	0	0	0
1994	0	0	0	35	30	9	0	0	0	0	0	0
1995	0	0	0	0	0	0	0	0	0	0	0	0
1996	0	0	0	6	4	0	0	0	0	0	0	0
1997	0	0	0	59	51	17	0	0	0	0	0	0
1998	0	0	0	87	76	26	0	0	0	0	0	0
1999	0	0	0	26	21	6	0	0	0	0	0	0
2000	0	0	0	49	42	14	0	0	0	0	0	0
2001	0	0	0	75	65	22	0	0	0	0	0	0
2002	0	0	0	0	0	0	0	0	0	0	0	0
2003	0	0	0	6	4	0	0	0	0	0	0	0

Data extracted from DWR 500 by using MBK script
 Key: CalSim Arc = SWP_CO_TOTAL

Table aa-2: SWP South of Delta Article 56 in 1,000 acre-feet Under CWF H3+

WY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1922	0	0	0	0	0	0	0	0	0	0	0	0
1923	0	0	0	80	70	26	0	0	0	0	0	0
1924	0	0	0	29	24	7	0	0	0	0	0	0
1925	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
1927	0	0	0	0	0	0	0	0	0	0	0	0
1928	0	0	0	82	71	24	0	0	0	0	0	0
1929	0	0	0	30	25	7	0	0	0	0	0	0
1930	0	0	0	0	0	0	0	0	0	0	0	0
1931	0	0	0	1	0	0	0	0	0	0	0	0
1932	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
1934	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
1936	0	0	0	47	41	0	0	0	0	0	0	0
1937	0	0	0	82	72	25	0	0	0	0	0	0
1938	0	0	0	79	50	0	0	0	0	0	0	0
1939	0	0	0	106	93	32	0	0	0	0	0	0
1940	0	0	0	0	0	0	0	0	0	0	0	0
1941	0	0	0	89	78	18	0	0	0	0	0	0
1942	0	0	0	102	89	31	0	0	0	0	0	0
1943	0	0	0	6	4	0	0	0	0	0	0	0
1944	0	0	0	11	8	1	0	0	0	0	0	0
1945	0	0	0	0	0	0	0	0	0	0	0	0
1946	0	0	0	79	0	0	0	0	0	0	0	0
1947	0	0	0	79	69	24	0	0	0	0	0	0
1948	0	0	0	0	0	0	0	0	0	0	0	0
1949	0	0	0	29	24	7	0	0	0	0	0	0
1950	0	0	0	0	0	0	0	0	0	0	0	0
1951	0	0	0	6	0	0	0	0	0	0	0	0
1952	0	0	0	83	73	10	0	0	0	0	0	0
1953	0	0	0	106	93	32	0	0	0	0	0	0
1954	0	0	0	55	48	16	0	0	0	0	0	0
1955	0	0	0	1	0	0	0	0	0	0	0	0
1956	0	0	0	0	0	0	0	0	0	0	0	0
1957	0	0	0	27	23	6	0	0	0	0	0	0
1958	0	0	0	0	0	0	0	0	0	0	0	0
1959	0	0	0	60	52	17	0	0	0	0	0	0
1960	0	0	0	1	0	0	0	0	0	0	0	0
1961	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
1963	0	0	0	1	0	0	0	0	0	0	0	0
1964	0	0	0	89	78	27	0	0	0	0	0	0
1965	0	0	0	0	0	0	0	0	0	0	0	0
1966	0	0	0	84	73	25	0	0	0	0	0	0
1967	0	0	0	4	3	0	0	0	0	0	0	0
1968	0	0	0	106	93	32	0	0	0	0	0	0
1969	0	0	0	79	69	0	0	0	0	0	0	0
1970	0	0	0	106	93	0	0	0	0	0	0	0
1971	0	0	0	82	72	25	0	0	0	0	0	0
1972	0	0	0	40	34	11	0	0	0	0	0	0
1973	0	0	0	0	0	0	0	0	0	0	0	0
1974	0	0	0	82	0	0	0	0	0	0	0	0
1975	0	0	0	23	19	5	0	0	0	0	0	0
1976	0	0	0	1	0	0	0	0	0	0	0	0
1977	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
1979	0	0	0	78	68	23	0	0	0	0	0	0
1980	0	0	0	0	0	0	0	0	0	0	0	0
1981	0	0	0	10	7	1	0	0	0	0	0	0
1982	0	0	0	0	0	0	0	0	0	0	0	0
1983	0	0	0	94	0	0	0	0	0	0	0	0
1984	0	0	0	94	0	0	0	0	0	0	0	0
1985	0	0	0	92	80	28	0	0	0	0	0	0
1986	0	0	0	1	0	0	0	0	0	0	0	0
1987	0	0	0	6	4	0	0	0	0	0	0	0
1988	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
1990	0	0	0	23	19	5	0	0	0	0	0	0
1991	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
1993	0	0	0	0	0	0	0	0	0	0	0	0
1994	0	0	0	82	71	24	0	0	0	0	0	0
1995	0	0	0	0	0	0	0	0	0	0	0	0
1996	0	0	0	106	93	32	0	0	0	0	0	0
1997	0	0	0	92	81	28	0	0	0	0	0	0
1998	0	0	0	45	39	12	0	0	0	0	0	0
1999	0	0	0	96	0	0	0	0	0	0	0	0
2000	0	0	0	65	56	19	0	0	0	0	0	0
2001	0	0	0	77	68	23	0	0	0	0	0	0
2002	0	0	0	0	0	0	0	0	0	0	0	0
2003	0	0	0	6	4	0	0	0	0	0	0	0

Data extracted from DWR 1077 for CWF H3+ by using MBK script
 Key: CalSim Arc = SWP_CO_TOTAL

Table bb-1: SWP Feather River Service Area Deliveries in 1,000 acre-feet Under No Action Alternative (NAA)

WY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1922	20	0	0	0	0	0	131	133	158	151	121	98
1923	4	0	0	0	0	14	97	150	158	162	129	71
1924	26	1	0	0	0	1	81	72	80	5	19	17
1925	0	0	0	0	0	0	80	129	159	168	132	93
1926	33	0	0	0	0	9	53	144	177	169	134	109
1927	7	0	0	0	0	0	107	139	155	160	128	103
1928	4	0	0	0	0	0	97	150	154	150	119	97
1929	29	0	0	0	0	1	142	151	133	170	128	46
1930	22	4	0	0	0	0	90	139	164	156	125	91
1931	32	0	0	0	0	8	84	60	73	84	64	23
1932	9	0	0	0	0	6	131	108	156	150	119	97
1933	34	1	0	0	0	2	162	123	163	164	117	42
1934	13	3	0	0	0	2	71	66	82	87	64	19
1935	4	0	0	0	0	0	53	147	174	166	132	103
1936	20	0	0	0	0	0	98	133	144	159	127	102
1937	32	4	0	0	0	0	100	157	147	158	126	102
1938	5	0	0	0	0	0	73	151	177	170	135	83
1939	5	0	0	0	3	31	163	112	152	147	117	78
1940	21	3	0	0	0	0	103	128	165	161	129	104
1941	5	0	0	0	0	0	55	130	179	176	140	109
1942	4	0	0	0	0	0	45	122	178	172	137	109
1943	33	0	0	0	0	0	66	146	163	159	127	103
1944	31	0	0	0	0	3	108	131	161	159	127	103
1945	7	0	0	0	0	0	119	127	160	159	127	103
1946	0	0	0	0	0	0	134	136	151	142	115	89
1947	28	0	0	0	0	0	108	146	153	163	120	106
1948	0	0	0	0	0	0	35	103	167	171	136	108
1949	29	0	0	0	0	0	114	129	156	149	118	96
1950	34	1	0	0	0	0	112	143	162	158	123	97
1951	1	0	0	0	0	5	137	119	161	154	123	100
1952	0	0	0	0	0	0	87	148	149	154	124	100
1953	34	0	0	0	0	4	94	134	158	163	121	105
1954	19	0	0	0	0	0	62	147	165	162	122	105
1955	32	0	0	0	0	13	110	146	157	151	120	89
1956	20	0	0	0	0	8	130	124	160	158	126	90
1957	7	3	0	0	0	0	128	132	180	172	137	48
1958	0	1	0	0	0	0	55	134	151	168	137	102
1959	33	3	0	0	0	4	138	146	158	151	120	46
1960	35	4	0	0	0	0	86	132	164	156	125	101
1961	31	0	0	0	0	0	102	144	147	154	122	95
1962	31	0	0	0	0	0	119	147	157	153	122	98
1963	0	0	0	0	0	0	44	141	181	176	141	108
1964	1	0	0	0	0	9	150	137	145	150	120	86
1965	6	0	0	0	0	6	95	151	160	153	101	98
1966	36	0	0	0	0	5	135	138	147	140	112	90
1967	33	0	0	0	0	0	42	155	147	172	137	109
1968	34	0	0	0	0	0	115	148	151	157	116	101
1969	7	0	0	0	0	0	100	154	152	154	123	100
1970	13	1	0	0	0	0	120	152	142	151	121	98
1971	12	0	0	0	0	3	144	120	149	146	116	90
1972	29	0	0	0	0	12	147	141	151	152	121	78
1973	4	0	0	0	0	0	115	148	161	155	123	93
1974	0	0	0	0	0	0	91	160	165	136	131	106
1975	5	0	0	0	0	0	99	155	163	155	121	100
1976	1	0	0	0	1	40	73	73	81	82	53	21
1977	11	1	0	0	1	27	52	29	0	0	0	0
1978	9	0	0	0	0	0	59	155	174	167	133	69
1979	39	0	0	0	0	0	87	154	170	161	122	98
1980	3	0	0	0	0	0	114	141	150	149	119	94
1981	27	3	0	0	0	0	92	150	171	163	130	89
1982	0	0	0	0	0	0	72	164	168	176	139	74
1983	0	0	0	0	0	0	55	154	168	177	137	78
1984	23	0	0	0	0	0	129	153	156	152	109	95
1985	2	0	0	0	0	0	124	155	161	154	121	56
1986	26	0	0	0	0	0	100	149	162	157	125	70
1987	31	3	0	0	0	0	56	74	77	74	59	48
1988	11	0	0	0	0	15	61	60	76	75	60	48
1989	17	0	0	0	0	0	114	170	174	173	136	23
1990	4	1	0	0	0	1	148	90	159	153	122	95
1991	27	1	0	0	1	0	54	73	72	78	62	50
1992	9	1	0	0	0	0	44	80	74	81	64	52
1993	2	2	0	0	0	0	87	117	148	173	137	112
1994	23	0	0	0	0	5	141	116	156	149	119	96
1995	17	0	0	0	0	0	88	114	140	169	135	109
1996	40	4	0	0	0	0	80	96	182	176	139	109
1997	3	0	0	0	0	8	148	141	148	147	107	87
1998	16	0	0	0	0	0	74	59	173	172	134	97
1999	11	0	0	0	0	1	117	146	146	148	117	95
2000	27	0	0	0	0	0	87	134	168	170	135	102
2001	0	0	0	0	0	2	106	155	158	155	123	89
2002	9	0	0	0	0	1	139	115	152	145	116	94
2003	34	0	0	0	0	1	68	131	171	164	118	106

Data extracted from DWR 500 by using MBK script
 Key: CalSim Arc = SWP_FRSA

Table bb-2: SWP Feather River Service Area Deliveries in 1,000 acre-feet Under CWF H3+

WY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1922	20	0	0	0	0	0	131	133	158	151	121	98
1923	4	0	0	0	0	13	97	150	158	162	129	71
1924	26	1	0	0	0	1	81	72	80	81	61	23
1925	0	0	0	0	0	0	80	129	159	168	132	93
1926	33	0	0	0	0	9	53	144	177	169	134	109
1927	7	0	0	0	0	0	107	139	155	160	128	103
1928	4	0	0	0	0	0	97	150	154	150	119	97
1929	29	0	0	0	0	1	142	151	133	170	128	48
1930	22	4	0	0	0	0	90	139	164	156	125	91
1931	32	0	0	0	0	8	84	60	73	84	64	23
1932	9	0	0	0	0	6	131	108	156	150	119	97
1933	34	1	0	0	0	2	162	123	163	164	124	46
1934	12	3	0	0	0	2	71	66	82	87	65	19
1935	0	0	0	0	0	0	53	147	174	166	132	103
1936	20	0	0	0	0	0	98	133	144	159	127	102
1937	32	4	0	0	0	0	100	157	147	158	126	102
1938	5	0	0	0	0	0	73	151	177	170	135	83
1939	5	0	0	0	3	31	163	112	152	147	117	78
1940	21	3	0	0	0	0	103	128	165	161	129	104
1941	5	0	0	0	0	0	55	130	179	173	137	108
1942	3	0	0	0	0	0	45	122	178	172	137	109
1943	33	0	0	0	0	0	66	146	163	159	127	103
1944	31	0	0	0	0	3	108	131	161	159	127	103
1945	7	0	0	0	0	0	119	127	160	159	127	103
1946	0	0	0	0	0	0	134	136	151	142	115	89
1947	28	0	0	0	0	0	108	146	153	163	120	106
1948	0	0	0	0	0	0	35	104	168	172	139	109
1949	30	0	0	0	0	0	114	129	156	149	118	96
1950	34	1	0	0	0	0	112	143	162	158	123	97
1951	1	0	0	0	0	5	137	119	161	154	123	100
1952	0	0	0	0	0	0	87	148	149	154	124	100
1953	34	0	0	0	0	4	94	134	158	163	121	105
1954	19	0	0	0	0	0	62	147	165	162	122	105
1955	32	0	0	0	0	13	110	146	157	151	120	89
1956	20	0	0	0	0	8	130	124	160	158	126	90
1957	7	3	0	0	0	0	128	132	180	172	137	48
1958	0	1	0	0	0	0	55	133	151	167	136	106
1959	33	3	0	0	0	4	138	146	158	151	120	46
1960	35	4	0	0	0	0	86	132	164	156	125	101
1961	31	0	0	0	0	0	102	144	147	154	122	95
1962	31	0	0	0	0	0	119	147	157	153	122	98
1963	0	0	0	0	0	0	43	141	181	173	137	106
1964	1	0	0	0	0	9	150	137	145	150	120	86
1965	6	0	0	0	0	6	95	151	160	153	101	98
1966	36	0	0	0	0	5	135	138	147	140	112	90
1967	33	0	0	0	0	0	42	155	147	172	137	109
1968	34	0	0	0	0	0	115	148	151	157	116	101
1969	7	0	0	0	0	0	100	154	152	154	123	100
1970	13	1	0	0	0	0	120	152	142	151	121	98
1971	12	0	0	0	0	2	144	120	149	146	116	90
1972	29	0	0	0	0	12	147	141	151	152	121	78
1973	4	0	0	0	0	0	115	148	161	155	123	93
1974	0	0	0	0	0	0	91	160	165	136	131	106
1975	5	0	0	0	0	0	99	155	163	155	121	100
1976	1	0	0	0	1	40	73	73	81	82	53	21
1977	11	1	0	0	1	27	86	15	0	0	0	0
1978	9	0	0	0	0	0	59	155	174	167	133	69
1979	39	0	0	0	0	0	87	154	170	161	122	98
1980	3	0	0	0	0	0	114	141	150	149	119	94
1981	27	3	0	0	0	0	92	150	171	163	130	89
1982	0	0	0	0	0	0	72	164	168	173	139	73
1983	0	0	0	0	0	0	55	154	168	176	136	77
1984	24	0	0	0	0	0	129	153	156	152	109	95
1985	2	0	0	0	0	0	124	155	161	154	121	56
1986	26	0	0	0	0	0	100	149	162	157	125	70
1987	31	3	0	0	0	0	56	74	77	74	59	48
1988	11	0	0	0	0	15	61	60	76	75	60	48
1989	17	0	0	0	0	0	114	170	174	173	136	23
1990	4	1	0	0	0	1	148	90	159	153	122	95
1991	27	1	0	0	1	0	54	73	72	78	62	50
1992	9	1	0	0	0	0	44	80	74	81	64	52
1993	2	2	0	0	0	0	87	117	148	173	137	112
1994	23	0	0	0	0	5	141	116	156	149	119	96
1995	17	0	0	0	0	0	88	114	140	169	135	109
1996	40	4	0	0	0	0	80	96	182	172	139	111
1997	3	0	0	0	0	8	148	141	148	147	107	87
1998	16	0	0	0	0	0	75	59	173	173	136	98
1999	12	0	0	0	0	0	117	146	146	148	117	95
2000	27	0	0	0	0	0	87	134	168	170	135	102
2001	0	0	0	0	0	2	106	155	158	155	123	89
2002	9	0	0	0	0	1	139	115	152	145	116	94
2003	34	0	0	0	0	0	68	131	171	164	118	106

Data extracted from DWR 1077 for CWF H3+ by using MBK script
 Key: CalSim Arc = SWP_FRSA

Table cc-1: SWP North of Delta Contractors Deliveries in 1,000 acre-feet Under No Action Alternative (NAA)

WY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1922	9	5	5	1	1	4	6	8	9	12	13	12
1923	9	5	5	1	1	2	1	4	9	12	15	11
1924	6	4	4	0	0	0	0	1	3	4	4	3
1925	2	1	1	0	0	1	1	2	5	7	7	6
1926	5	3	2	0	0	1	1	3	8	10	13	10
1927	6	3	3	0	0	4	5	8	9	12	12	11
1928	8	5	4	0	1	1	6	9	10	13	14	12
1929	9	5	5	0	0	0	0	1	3	4	4	3
1930	3	2	1	0	0	1	1	2	6	7	8	6
1931	5	3	3	0	0	1	1	2	5	7	7	6
1932	5	3	3	0	0	1	0	1	5	6	6	5
1933	4	2	2	0	0	1	1	2	7	8	10	8
1934	5	3	2	0	0	1	0	1	4	5	5	1
1935	1	4	3	0	0	1	3	9	10	13	13	12
1936	9	5	5	0	0	4	6	8	9	12	12	11
1937	8	5	5	0	0	1	5	7	9	12	13	11
1938	8	4	4	3	3	5	8	10	12	16	17	14
1939	12	7	6	0	0	1	1	2	6	7	8	6
1940	5	3	3	0	0	2	2	6	10	12	14	11
1941	7	4	4	1	3	4	7	9	11	14	14	13
1942	10	6	5	3	2	4	6	7	9	11	12	11
1943	8	5	4	0	2	3	7	10	11	15	15	13
1944	11	6	6	0	0	1	1	2	5	7	7	6
1945	5	3	3	0	0	2	6	8	10	13	13	12
1946	9	5	5	2	1	2	3	6	9	12	13	11
1947	8	4	4	0	0	1	1	2	6	8	9	7
1948	4	3	3	0	0	1	1	6	10	12	14	12
1949	8	4	4	0	0	0	0	1	3	4	4	4
1950	3	2	2	0	0	1	5	7	9	12	13	11
1951	8	5	4	3	3	4	6	8	10	13	13	12
1952	9	5	5	3	3	4	7	10	12	16	17	14
1953	12	7	6	1	1	2	1	3	9	12	15	11
1954	6	4	3	0	0	1	1	4	9	12	15	11
1955	7	4	4	0	0	1	0	2	6	7	8	6
1956	5	3	3	3	3	5	7	9	11	14	15	13
1957	10	6	5	0	0	1	1	2	7	9	11	8
1958	4	3	3	0	1	5	8	10	12	17	17	14
1959	12	8	7	0	0	1	1	3	8	10	13	10
1960	6	3	3	0	0	1	1	2	5	7	7	6
1961	5	3	3	0	0	1	1	2	6	8	8	7
1962	5	3	3	0	0	2	1	4	9	12	15	11
1963	6	4	4	3	2	3	3	6	9	11	13	11
1964	7	4	4	0	1	1	1	3	8	10	13	9
1965	5	3	3	1	1	3	3	7	9	12	13	11
1966	8	5	4	1	3	4	5	7	9	11	12	11
1967	8	4	4	0	3	3	7	9	11	14	15	13
1968	10	6	6	0	1	2	1	3	8	11	14	10
1969	6	3	3	1	3	5	8	10	12	16	17	14
1970	12	7	7	3	2	4	5	7	9	11	12	11
1971	8	5	4	3	2	2	2	5	9	11	13	11
1972	7	4	4	0	0	1	1	2	6	8	9	7
1973	5	3	3	1	3	4	6	8	10	13	13	12
1974	9	5	5	3	3	4	5	8	9	12	12	11
1975	8	5	4	0	0	4	5	8	9	12	12	11
1976	8	5	4	0	0	1	1	2	5	6	6	5
1977	4	3	2	0	0	1	0	1	3	4	4	4
1978	3	2	2	0	1	4	6	10	12	15	16	13
1979	11	7	6	0	0	1	1	3	9	11	14	10
1980	6	4	3	0	3	5	8	10	12	16	16	14
1981	12	7	6	0	0	1	1	2	6	7	8	6
1982	5	3	3	3	3	5	8	10	12	16	17	14
1983	12	7	6	4	3	5	8	10	12	16	17	14
1984	12	7	6	4	3	5	7	9	10	14	14	13
1985	9	5	5	0	0	1	5	7	9	12	13	11
1986	8	5	4	0	0	4	7	9	11	14	14	13
1987	10	6	5	0	0	0	0	1	3	4	4	3
1988	3	2	1	0	0	1	0	1	3	4	4	3
1989	2	1	1	0	0	1	2	5	10	12	14	11
1990	7	4	4	0	0	1	0	1	3	4	4	3
1991	3	2	1	0	0	1	0	1	3	4	4	3
1992	2	1	1	0	0	0	0	1	3	4	4	3
1993	3	2	1	0	1	2	2	5	9	12	14	11
1994	7	4	4	0	0	1	1	2	6	8	9	7
1995	5	3	3	0	3	4	8	10	12	15	16	13
1996	11	7	6	1	2	4	6	8	10	13	13	12
1997	9	5	5	3	3	4	6	8	10	13	14	12
1998	9	5	5	0	3	4	8	10	12	16	17	14
1999	12	7	7	3	1	2	3	6	9	12	13	11
2000	7	4	4	0	0	3	6	8	9	12	12	11
2001	8	5	5	0	0	1	0	1	3	4	4	4
2002	3	2	2	0	1	1	5	7	9	12	13	11
2003	8	5	4	1	1	2	1	3	9	11	15	11

Table cc-2: SWP North of Delta Contractors Deliveries in 1,000 acre-feet Under CWF H3+

WY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1922	9	5	5	1	1	4	6	8	10	12	13	12
1923	9	5	5	3	2	2	1	5	9	11	14	11
1924	7	4	4	0	0	0	0	1	3	4	3	3
1925	2	1	1	0	0	1	1	2	7	8	10	8
1926	5	3	2	0	0	1	1	3	8	10	12	9
1927	5	3	3	0	1	4	6	8	10	13	13	12
1928	9	5	5	0	1	1	6	9	10	13	13	12
1929	9	5	5	0	0	0	0	1	3	3	3	3
1930	2	1	1	0	0	1	1	3	8	10	13	9
1931	5	3	3	0	0	0	0	1	3	4	4	4
1932	3	2	2	0	0	1	1	2	6	8	10	7
1933	5	3	3	0	0	1	1	2	6	8	10	8
1934	1	4	4	0	0	1	0	1	4	5	5	1
1935	1	4	3	0	0	1	6	10	11	14	15	13
1936	10	6	6	0	0	4	6	9	10	13	13	12
1937	9	5	5	0	0	1	6	8	10	13	13	12
1938	9	5	5	3	3	5	8	10	12	16	17	14
1939	12	7	6	0	0	1	0	1	5	6	6	5
1940	4	2	2	0	0	4	6	9	11	14	15	13
1941	10	6	6	1	3	5	7	10	12	16	16	13
1942	12	7	6	3	3	4	7	9	10	14	14	13
1943	9	6	5	0	2	4	7	9	11	14	15	13
1944	10	6	6	0	0	1	0	1	5	6	6	5
1945	4	2	2	0	0	3	6	8	10	13	13	12
1946	9	5	5	3	3	4	6	8	9	12	12	11
1947	8	5	4	0	0	1	1	2	6	8	9	7
1948	4	3	3	0	0	1	1	5	10	12	14	11
1949	7	4	4	0	0	1	1	2	5	7	7	6
1950	5	3	2	0	0	1	1	4	9	12	15	11
1951	6	4	4	4	3	4	6	8	9	13	13	12
1952	9	5	5	3	3	5	7	10	12	16	17	14
1953	12	7	7	3	3	4	6	8	9	12	13	12
1954	8	5	5	0	0	2	1	3	8	11	14	10
1955	6	3	3	0	0	1	1	2	6	7	8	6
1956	5	3	3	4	3	5	7	9	11	14	15	13
1957	10	6	5	0	0	1	1	2	6	8	8	7
1958	5	3	3	0	3	5	8	10	12	17	17	14
1959	12	8	7	0	0	2	1	3	8	11	14	10
1960	6	3	3	0	0	1	1	2	5	6	6	5
1961	4	3	2	0	0	1	1	3	7	10	12	9
1962	5	3	3	0	0	3	1	3	9	12	15	11
1963	6	4	3	4	3	4	6	9	10	14	14	13
1964	9	5	5	0	0	1	1	2	6	8	10	7
1965	5	3	3	3	3	4	6	8	10	13	13	12
1966	9	5	5	1	1	3	1	3	9	11	15	11
1967	6	4	4	1	3	5	8	10	12	16	17	14
1968	12	7	7	0	1	4	6	8	10	12	13	12
1969	9	5	5	1	3	5	8	10	12	16	17	14
1970	12	7	7	3	3	4	6	8	9	12	13	12
1971	9	5	5	3	2	3	2	5	9	11	13	11
1972	7	4	4	0	0	1	1	2	6	7	8	6
1973	5	3	3	1	3	4	6	8	10	13	13	12
1974	9	5	5	4	3	4	6	9	10	14	14	13
1975	9	6	5	0	0	1	1	3	9	11	15	11
1976	6	4	3	0	0	1	0	1	4	5	5	4
1977	4	2	2	0	0	0	0	1	3	4	4	3
1978	3	2	1	0	3	5	7	10	12	17	17	14
1979	12	8	7	0	0	1	1	2	7	9	12	8
1980	5	3	3	0	3	5	8	10	12	16	16	14
1981	12	7	6	0	0	1	1	2	6	7	8	6
1982	4	3	3	4	3	5	8	10	12	16	17	14
1983	12	7	6	4	3	5	8	10	12	16	17	14
1984	12	7	6	4	3	5	7	9	10	14	14	13
1985	9	6	5	0	0	1	1	3	9	11	15	11
1986	6	3	3	0	0	4	7	10	11	15	15	13
1987	11	6	6	0	0	0	0	1	3	4	3	3
1988	2	1	1	0	0	1	0	1	3	4	4	3
1989	3	2	2	0	0	1	3	7	9	12	13	11
1990	8	5	4	0	0	1	0	1	3	4	4	3
1991	3	2	1	0	0	1	0	1	3	4	4	3
1992	2	1	1	0	0	0	0	1	3	4	4	3
1993	2	1	1	0	3	4	6	8	10	13	13	12
1994	9	5	5	0	0	1	1	2	6	8	9	7
1995	5	3	3	0	3	4	8	10	12	17	17	14
1996	12	8	7	1	3	5	7	9	11	14	15	13
1997	10	6	5	3	3	4	6	8	10	13	13	12
1998	9	5	5	0	3	4	8	10	12	17	17	14
1999	12	8	7	4	3	4	6	8	9	12	13	12
2000	8	5	5	0	0	3	6	8	9	12	13	12
2001	9	5	5	0	0	1	0	1	4	5	5	4
2002	3	2	2	1	2	2	6	8	10	13	13	12
2003	9	5	5	1	2	4	5	8	9	11	12	11

Data extracted from DWR 1077 for CWF H3+ by using MBK script
 Key: CalSim Arc = D403B_PMI+D403C_PMI+D201+D204

Table cc-3: Change in SWP North of Delta Contractors Deliveries in 1,000 acre-feet Under CWF H3+ (CWF H3+ minus NAA)

WY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1922	0	0	0	0	0	0	0	0	0	0	0	0
1923	0	0	0	3	1	1	0	1	-1	-1	-1	0
1924	0	0	0	0	0	0	0	0	0	0	0	0
1925	0	0	0	0	0	0	0	1	1	2	4	2
1926	0	0	0	0	0	0	0	0	0	-1	-1	0
1927	0	0	0	0	0	0	1	1	1	1	1	1
1928	1	0	0	0	0	0	0	0	0	0	0	0
1929	0	0	0	0	0	0	0	0	0	0	0	0
1930	0	0	0	0	0	0	0	1	2	3	5	3
1931	1	0	0	0	0	0	0	-1	-2	-3	-3	-2
1932	-2	-1	-1	0	0	0	0	1	2	2	4	2
1933	1	0	0	0	0	0	0	0	0	0	0	0
1934	-3	1	2	0	0	0	0	0	0	0	0	0
1935	0	0	0	0	0	0	3	1	1	1	2	1
1936	1	1	1	0	0	1	0	1	1	1	1	1
1937	1	0	0	0	0	0	2	2	1	1	0	1
1938	1	1	1	0	0	0	0	0	0	0	0	0
1939	0	0	0	0	0	0	0	0	-1	-1	-2	-1
1940	-1	0	0	0	0	2	5	4	1	2	0	1
1941	3	2	2	0	0	1	0	1	1	2	2	1
1942	2	1	1	0	0	1	1	2	2	2	2	2
1943	2	1	1	0	0	1	0	0	0	0	0	0
1944	-1	0	0	0	0	0	0	0	-1	-1	-1	-1
1945	-1	0	0	0	0	0	0	0	0	0	0	0
1946	0	0	0	2	2	2	2	1	0	0	-1	0
1947	1	0	0	0	0	0	0	0	0	0	0	0
1948	0	0	0	0	0	0	0	-1	0	0	0	0
1949	0	0	0	0	0	0	0	1	2	2	2	2
1950	2	1	1	0	0	0	-4	-3	0	0	2	0
1951	-1	-1	-1	0	0	0	0	0	0	0	0	0
1952	0	0	0	0	0	1	0	0	0	0	0	0
1953	0	0	0	2	2	2	5	5	0	1	-2	1
1954	2	1	1	0	0	0	0	-1	-1	-1	-1	-1
1955	-1	-1	0	0	0	0	0	0	0	0	0	0
1956	0	0	0	0	0	0	0	0	0	0	0	0
1957	0	0	0	0	0	0	0	0	-1	-1	-3	-2
1958	1	0	0	0	2	0	0	0	0	0	0	0
1959	0	0	0	0	0	0	0	0	0	1	1	0
1960	0	0	0	0	0	0	0	0	0	-1	-1	-1
1961	0	0	0	0	0	0	0	1	2	2	4	2
1962	0	0	0	0	0	1	0	-1	-1	-1	0	0
1963	-1	0	0	1	1	1	3	3	2	2	1	2
1964	2	1	1	0	0	0	0	-1	-1	-2	-3	-2
1965	-1	0	0	3	1	1	2	1	0	1	0	1
1966	1	0	0	0	-2	-1	-4	-4	0	0	3	0
1967	-1	-1	-1	0	1	1	1	1	1	2	2	1
1968	2	1	1	0	0	3	5	5	1	2	-1	2
1969	3	2	2	0	0	0	0	0	0	0	0	0
1970	0	0	0	0	0	0	0	1	1	1	1	1
1971	1	0	0	0	0	1	0	0	0	0	0	0
1972	0	0	0	0	0	0	0	0	-1	-1	-2	-1
1973	0	0	0	1	0	0	0	0	0	0	0	0
1974	0	0	0	0	0	0	0	1	1	2	2	2
1975	1	1	1	0	0	-2	-4	-5	0	0	3	0
1976	-2	-1	-1	0	0	0	0	0	-1	-1	-1	-1
1977	-1	0	0	0	0	0	0	0	0	0	0	0
1978	0	0	0	0	2	1	1	0	1	1	1	0
1979	1	1	1	0	0	0	0	-1	-2	-2	-3	-2
1980	-1	-1	-1	0	0	0	0	0	0	0	0	0
1981	0	0	0	0	0	0	0	0	0	0	0	0
1982	0	0	0	1	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	0	0	0	0
1985	0	0	0	0	0	0	-4	-4	0	0	2	-1
1986	-2	-1	-1	0	0	0	0	1	1	1	1	0
1987	1	1	0	0	0	0	0	0	0	0	0	0
1988	0	0	0	0	0	0	0	0	0	0	0	0
1989	0	0	0	0	0	0	2	1	0	0	-1	0
1990	1	0	0	0	0	0	0	0	0	0	0	0
1991	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
1993	0	0	0	0	2	2	4	3	0	1	-1	1
1994	1	1	1	0	0	0	0	0	0	0	0	0
1995	0	0	0	0	0	1	1	0	1	1	1	0
1996	1	1	1	0	1	1	1	1	1	1	1	1
1997	1	1	1	0	0	0	0	0	0	0	0	0
1998	0	0	0	0	0	0	0	0	0	0	0	0
1999	0	0	0	1	2	2	3	2	0	1	0	1
2000	1	1	1	0	0	0	0	0	0	0	0	0
2001	0	0	0	0	0	0	0	0	0	1	1	1
2002	0	0	0	0	1	0	1	1	0	1	0	1
2003	1	0	0	0	2	2	4	4	0	0	-3	0