

Delta-Mendota Canal Recirculation Study



Final Report on Hydrologic Modeling Appendix D Summary Tables for Alternative 2

Prepared for



**Bureau of Reclamation
Mid-Pacific Region**

By



May 2003

DELTA-MENDOTA CANAL RECIRCULATION STUDY

Appendix D for Final Report on Hydrologic Modeling

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Table D-1. February X2 Flow Augmentation in CFS

Water Year	Water Year Type*	Required X2 Position (km)	Is X2 East or West of Chipps Island (74km)?	<1>	<2>	<3>	<4>	<5>	<6>	<7>	<8>	<9>	<10>
				CFS	CFS	=<1>-<2> CFS	CFS	CFS New Melones Reservoir Releases for Instream Flow Requirements of Stanislaus River	CFS New Melones Reservoir Releases for Minimum Flow Requirements of Stanislaus River	=<5>+<6> CFS	=<4>+<7> CFS	=<3>-<8> CFS	=<2>+<8> CFS
				Vernalis Target Flow	Vernalis Flow Before X2 Flow Augmentation	X2 Flow Deficiency	Diversion from DMC			Total Releases from New Melones Reservoir	X2 Flow Augmentation	Calculated X2 Flow Shortage	San Joaquin River at Vernalis after X2 Flow Augmentation
1922	W	74	West	3,420	6,645	0	0	0	0	0	0	0	6,645
1923	AN	74	West	3,420	6,260	0	0	0	0	0	0	0	6,260
1924	C	80	East	710	1,841	0	0	0	0	0	0	0	1,841
1925	BN	76	East	1,420	2,782	0	0	0	0	0	0	0	2,782
1926	D	79	East	1,420	1,916	0	0	0	0	0	0	0	1,916
1927	AN	74	West	3,420	4,613	0	0	0	0	0	0	0	4,613
1928	BN	74	East	1,420	2,460	0	0	0	0	0	0	0	2,460
1929	C	80	East	710	1,794	0	0	0	0	0	0	0	1,794
1930	C	74	West	1,140	1,584	0	0	0	0	0	0	0	1,584
1931	C	79	East	710	1,360	0	0	0	0	0	0	0	1,360
1932	AN	74	East	2,130	7,408	0	0	0	0	0	0	0	7,408
1933	D	79	East	1,420	1,935	0	0	0	0	0	0	0	1,935
1934	C	74	West	1,140	1,855	0	0	0	0	0	0	0	1,855
1935	AN	74	West	3,420	3,295	-125	0	125	0	125	125	0	3,420
1936	AN	74	East	2,130	9,549	0	0	0	0	0	0	0	9,549
1937	W	80	East	2,130	14,344	0	0	0	0	0	0	0	14,344
1938	W	67	West	3,420	20,027	0	0	0	0	0	0	0	20,027
1939	D	79	East	1,420	3,054	0	0	0	0	0	0	0	3,054
1940	AN	74	East	2,130	5,746	0	0	0	0	0	0	0	5,746
1941	W	65	West	3,420	14,034	0	0	0	0	0	0	0	14,034
1942	W	65	West	3,420	8,696	0	0	0	0	0	0	0	8,696
1943	W	64	West	3,420	10,725	0	0	0	0	0	0	0	10,725
1944	BN	79	East	1,420	3,239	0	0	0	0	0	0	0	3,239
1945	AN	74	West	3,420	6,645	0	0	0	0	0	0	0	6,645
1946	AN	65	West	3,420	5,172	0	0	0	0	0	0	0	5,172
1947	D	80	East	1,420	2,736	0	0	0	0	0	0	0	2,736
1948	BN	74	East	1,420	1,361	-59	59	0	0	0	59	0	1,420
1949	BN	80	East	1,420	1,681	0	0	0	0	0	0	0	1,681
1950	BN	74	West	2,280	2,725	0	0	0	0	0	0	0	2,725
1951	AN	65	West	3,420	9,756	0	0	0	0	0	0	0	9,756
1952	W	66	West	3,420	6,122	0	0	0	0	0	0	0	6,122
1953	BN	64	West	2,280	4,914	0	0	0	0	0	0	0	4,914
1954	BN	74	West	2,280	2,248	-32	0	0	32	32	32	0	2,280
1955	D	74	West	2,280	1,961	-319	319	0	0	0	319	0	2,280
1956	W	65	West	3,420	11,994	0	0	0	0	0	0	0	11,994
1957	BN	79	East	1,420	2,607	0	0	0	0	0	0	0	2,607
1958	W	74	West	3,420	3,417	-3	0	0	3	3	3	0	3,420
1959	D	74	West	2,280	4,856	0	0	0	0	0	0	0	4,856
1960	C	78	East	710	2,160	0	0	0	0	0	0	0	2,160
1961	C	79	East	710	1,375	0	0	0	0	0	0	0	1,375
1962	BN	79	East	1,420	5,492	0	0	0	0	0	0	0	5,492
1963	AN	74	West	3,420	3,257	-163	0	163	0	163	163	0	3,420
1964	D	74	East	1,420	1,674	0	0	0	0	0	0	0	1,674
1965	W	64	West	3,420	6,896	0	0	0	0	0	0	0	6,896
1966	BN	74	West	2,280	4,804	0	0	0	0	0	0	0	4,804
1967	W	65	West	3,420	3,167	-253	253	0	0	0	253	0	3,420
1968	D	74	East	1,420	4,039	0	0	0	0	0	0	0	4,039
1969	W	64	West	3,420	24,224	0	0	0	0	0	0	0	24,224
1970	AN	64	West	3,420	9,394	0	0	0	0	0	0	0	9,394
1971	BN	65	West	2,280	2,671	0	0	0	0	0	0	0	2,671
1972	D	74	East	1,420	1,911	0	0	0	0	0	0	0	1,911
1973	AN	65	West	3,420	7,369	0	0	0	0	0	0	0	7,369
1974	W	64	West	3,420	4,740	0	0	0	0	0	0	0	4,740
1975	W	74	West	3,420	5,687	0	0	0	0	0	0	0	5,687
1976	C	80	East	710	1,947	0	0	0	0	0	0	0	1,947
1977	C	80	East	710	1,380	0	0	0	0	0	0	0	1,380
1978	W	64	West	3,420	7,851	0	0	0	0	0	0	0	7,851
1979	AN	74	West	3,420	9,324	0	0	0	0	0	0	0	9,324
1980	W	65	West	3,420	19,903	0	0	0	0	0	0	0	19,903
1981	D	74	West	2,280	2,573	0	0	0	0	0	0	0	2,573
1982	W	65	West	3,420	12,994	0	0	0	0	0	0	0	12,994
1983	W	65	West	3,420	31,166	0	0	0	0	0	0	0	31,166
1984	AN	66	West	3,420	9,663	0	0	0	0	0	0	0	9,663
1985	D	79	East	1,420	2,208	0	0	0	0	0	0	0	2,208
1986	W	74	West	3,420	16,509	0	0	0	0	0	0	0	16,509
1987	C	79	East	710	2,034	0	0	0	0	0	0	0	2,034
1988	C	74	East	710	1,311	0	0	0	0	0	0	0	1,311
1989	C	79	East	710	1,357	0	0	0	0	0	0	0	1,357
1990	C	74	West	1,140	1,367	0	0	0	0	0	0	0	1,367
1991	C	81	East	710	1,149	0	0	0	0	0	0	0	1,149
1992	C	80	East	710	2,200	0	0	0	0	0	0	0	2,200
1993	W	65	West	3,420	5,290	0	0	0	0	0	0	0	5,290
1994	C	79	East	710	1,721	0	0	0	0	0	0	0	1,721
Average				2,237	5,810	-13	9	4	0	4	13	0	5,824
Maximum				3,420	31,166	0	319	163	32	163	319	0	31,166
Minimum				710	1,149	-319	0	0	0	0	0	0	1,149
Average by SJR Water Year Type													
W				3,356	11,722	-13	13	0	0	0	13	0	11,734
AN				3,144	6,961	-21	0	21	0	21	21	0	6,981
BN				1,778	3,082	-8	5	0	3	3	8	0	3,090
D				1,655	2,624	-29	29	0	0	0	29	0	2,653
C				791	1,652	0	0	0	0	0	0	0	1,652

Water year types are based on San Joaquin Valley Index (W: Wet; AN: Above Normal; BN: Below Normal; D: Dry; C: Critical)
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Table D-2. February X2 Flow Augmentation in TAF

Water Year	Water Year Type*	<1>	<2>	<3>	<4>	<5>	<6>	<7>	<8>	<9>	<10>
		TAF	TAF	=<1>-<2>	TAF	TAF	TAF	TAF	=<5>+<6>	=<4>+<7>	=<3>-<8>
		Vernalis Target Flow	Vernalis Flow Before X2 Flow Augmentation	X2 Flow Deficiency	Diversion from DMC	New Melones Reservoir Releases for Instream Flow Requirements of Stanislaus River	New Melones Reservoir Releases for Minimum Flow Requirements of Stanislaus River	Total Releases from New Melones Reservoir	X2 Flow Augmentation	Calculated X2 Flow Shortage	San Joaquin River at Vernalis after X2 Flow Augmentation
1922	W	190	369	0	0	0	0	0	0	0	369
1923	AN	190	348	0	0	0	0	0	0	0	348
1924	C	41	106	0	0	0	0	0	0	0	106
1925	BN	79	155	0	0	0	0	0	0	0	155
1926	D	79	106	0	0	0	0	0	0	0	106
1927	AN	190	256	0	0	0	0	0	0	0	256
1928	BN	82	142	0	0	0	0	0	0	0	142
1929	C	39	100	0	0	0	0	0	0	0	100
1930	C	63	88	0	0	0	0	0	0	0	88
1931	C	39	76	0	0	0	0	0	0	0	76
1932	AN	123	426	0	0	0	0	0	0	0	426
1933	D	79	107	0	0	0	0	0	0	0	107
1934	C	63	103	0	0	0	0	0	0	0	103
1935	AN	190	183	-7	0	7	0	7	7	0	190
1936	AN	123	549	0	0	0	0	0	0	0	549
1937	W	118	797	0	0	0	0	0	0	0	797
1938	W	190	1,112	0	0	0	0	0	0	0	1,112
1939	D	79	170	0	0	0	0	0	0	0	170
1940	AN	123	331	0	0	0	0	0	0	0	331
1941	W	190	779	0	0	0	0	0	0	0	779
1942	W	190	483	0	0	0	0	0	0	0	483
1943	W	190	596	0	0	0	0	0	0	0	596
1944	BN	82	186	0	0	0	0	0	0	0	186
1945	AN	190	369	0	0	0	0	0	0	0	369
1946	AN	190	287	0	0	0	0	0	0	0	287
1947	D	79	152	0	0	0	0	0	0	0	152
1948	BN	82	78	-3	3	0	0	0	3	0	82
1949	BN	79	93	0	0	0	0	0	0	0	93
1950	BN	127	151	0	0	0	0	0	0	0	151
1951	AN	190	542	0	0	0	0	0	0	0	542
1952	W	197	352	0	0	0	0	0	0	0	352
1953	BN	127	273	0	0	0	0	0	0	0	273
1954	BN	127	125	-2	0	0	2	2	2	0	127
1955	D	127	109	-18	18	0	0	0	18	0	127
1956	W	197	690	0	0	0	0	0	0	0	690
1957	BN	79	145	0	0	0	0	0	0	0	145
1958	W	190	190	0	0	0	0	0	0	0	190
1959	D	127	270	0	0	0	0	0	0	0	270
1960	C	41	124	0	0	0	0	0	0	0	124
1961	C	39	76	0	0	0	0	0	0	0	76
1962	BN	79	305	0	0	0	0	0	0	0	305
1963	AN	190	181	-9	0	9	0	9	9	0	190
1964	D	82	96	0	0	0	0	0	0	0	96
1965	W	190	383	0	0	0	0	0	0	0	383
1966	BN	127	267	0	0	0	0	0	0	0	267
1967	W	190	176	-14	14	0	0	0	14	0	190
1968	D	82	232	0	0	0	0	0	0	0	232
1969	W	190	1,345	0	0	0	0	0	0	0	1,345
1970	AN	190	522	0	0	0	0	0	0	0	522
1971	BN	127	148	0	0	0	0	0	0	0	148
1972	D	82	110	0	0	0	0	0	0	0	110
1973	AN	190	409	0	0	0	0	0	0	0	409
1974	W	190	263	0	0	0	0	0	0	0	263
1975	W	190	316	0	0	0	0	0	0	0	316
1976	C	41	112	0	0	0	0	0	0	0	112
1977	C	39	77	0	0	0	0	0	0	0	77
1978	W	190	436	0	0	0	0	0	0	0	436
1979	AN	190	518	0	0	0	0	0	0	0	518
1980	W	197	1,145	0	0	0	0	0	0	0	1,145
1981	D	127	143	0	0	0	0	0	0	0	143
1982	W	190	722	0	0	0	0	0	0	0	722
1983	W	190	1,731	0	0	0	0	0	0	0	1,731
1984	AN	197	556	0	0	0	0	0	0	0	556
1985	D	79	123	0	0	0	0	0	0	0	123
1986	W	190	917	0	0	0	0	0	0	0	917
1987	C	39	113	0	0	0	0	0	0	0	113
1988	C	41	75	0	0	0	0	0	0	0	75
1989	C	39	75	0	0	0	0	0	0	0	75
1990	C	63	76	0	0	0	0	0	0	0	76
1991	C	39	64	0	0	0	0	0	0	0	64
1992	C	41	127	0	0	0	0	0	0	0	127
1993	W	190	294	0	0	0	0	0	0	0	294
1994	C	39	96	0	0	0	0	0	0	0	96
Average		125	325	-1	0	0	0	0	1	0	326
Maximum		197	1,731	0	18	9	2	9	18	0	1,731
Minimum		39	64	-18	0	0	0	0	0	0	64
Average by SJR Water Year Type											
W		187	655	-1	1	0	0	0	1	0	655
AN		176	391	-1	0	1	0	1	1	0	392
BN		99	172	0	0	0	0	0	0	0	173
D		93	147	-2	2	0	0	0	2	0	149
C		44	93	0	0	0	0	0	0	0	93

Water year types are based on San Joaquin Valley Index (W: Wet; AN: Above Normal; BN: Below Normal; D: Dry; C: Critical)

Table D-3. March X2 Flow Augmentation in CFS

Water Year	Water Year Type*	Required X2 Position (km)	Is X2 East or West of Chipps Island (74km)?	<1>	<2>	<3>	<4>	<5>	<6>	<7>	<8>	<9>	<10>
				CFS	CFS	=<1>-<2>	CFS	CFS	CFS	CFS	CFS	CFS	CFS
				Vernalis Target Flow	Vernalis Flow Before X2 Flow Augmentation	X2 Flow Deficiency	Diversion from DMC	New Melones Reservoir Releases for Instream Flow Requirements of Stanislaus River	New Melones Reservoir Releases for Minimum Flow Requirements of Stanislaus River	Total Releases from New Melones Reservoir	X2 Flow Augmentation	Calculated X2 Flow Shortage	San Joaquin River at Vernalis after X2 Flow Augmentation
1922	W	74	West	3,420	7,823	0	0	0	0	0	0	0	7,823
1923	AN	75	East	2,130	2,992	0	0	0	0	0	0	0	2,992
1924	C	76	East	710	1,659	0	0	0	0	0	0	0	1,659
1925	BN	65	West	2,280	2,501	0	0	0	0	0	0	0	2,501
1926	D	74	West	2,280	1,760	-520	520	0	0	0	520	0	2,280
1927	AN	65	West	3,420	3,759	0	0	0	0	0	0	0	3,759
1928	BN	74	West	2,280	5,906	0	0	0	0	0	0	0	5,906
1929	C	76	East	710	1,671	0	0	0	0	0	0	0	1,671
1930	C	74	West	1,140	1,808	0	0	0	0	0	0	0	1,808
1931	C	81	East	710	1,254	0	0	0	0	0	0	0	1,254
1932	AN	74	West	3,420	4,588	0	0	0	0	0	0	0	4,588
1933	D	81	East	1,420	2,037	0	0	0	0	0	0	0	2,037
1934	C	74	West	1,140	1,640	0	0	0	0	0	0	0	1,640
1935	AN	74	West	3,420	3,577	0	0	0	0	0	0	0	3,577
1936	AN	65	West	3,420	5,727	0	0	0	0	0	0	0	5,727
1937	W	74	West	3,420	10,699	0	0	0	0	0	0	0	10,699
1938	W	65	West	3,420	27,254	0	0	0	0	0	0	0	27,254
1939	D	80	East	1,420	3,865	0	0	0	0	0	0	0	3,865
1940	AN	65	West	3,420	9,383	0	0	0	0	0	0	0	9,383
1941	W	65	West	3,420	11,104	0	0	0	0	0	0	0	11,104
1942	W	65	West	3,420	5,872	0	0	0	0	0	0	0	5,872
1943	W	67	West	3,420	17,304	0	0	0	0	0	0	0	17,304
1944	BN	74	West	2,280	3,404	0	0	0	0	0	0	0	3,404
1945	AN	74	West	3,420	7,956	0	0	0	0	0	0	0	7,956
1946	AN	72	West	3,420	4,529	0	0	0	0	0	0	0	4,529
1947	D	74	West	2,280	1,922	-358	358	0	0	0	358	0	2,280
1948	BN	81	East	1,420	1,834	0	0	0	0	0	0	0	1,834
1949	BN	79	East	1,420	2,656	0	0	0	0	0	0	0	2,656
1950	BN	74	West	2,280	2,354	0	0	0	0	0	0	0	2,354
1951	AN	66	West	3,420	5,435	0	0	0	0	0	0	0	5,435
1952	W	65	West	3,420	11,348	0	0	0	0	0	0	0	11,348
1953	BN	71	West	2,280	3,171	0	0	0	0	0	0	0	3,171
1954	BN	67	West	2,280	2,633	0	0	0	0	0	0	0	2,633
1955	D	79	East	1,420	1,759	0	0	0	0	0	0	0	1,759
1956	W	66	West	3,420	6,368	0	0	0	0	0	0	0	6,368
1957	BN	74	West	2,280	4,247	0	0	0	0	0	0	0	4,247
1958	W	64	West	3,420	9,006	0	0	0	0	0	0	0	9,006
1959	D	68	West	2,280	3,208	0	0	0	0	0	0	0	3,208
1960	C	74	West	1,140	1,857	0	0	0	0	0	0	0	1,857
1961	C	74	West	1,140	1,279	0	0	0	0	0	0	0	1,279
1962	BN	74	West	2,280	4,538	0	0	0	0	0	0	0	4,538
1963	AN	65	West	3,420	2,764	-656	656	0	0	0	656	0	3,420
1964	D	78	East	1,420	1,683	0	0	0	0	0	0	0	1,683
1965	W	69	West	3,420	4,832	0	0	0	0	0	0	0	4,832
1966	BN	74	West	2,280	3,453	0	0	0	0	0	0	0	3,453
1967	W	68	West	3,420	6,846	0	0	0	0	0	0	0	6,846
1968	D	66	West	2,280	3,283	0	0	0	0	0	0	0	3,283
1969	W	65	West	3,420	17,715	0	0	0	0	0	0	0	17,715
1970	AN	67	West	3,420	7,423	0	0	0	0	0	0	0	7,423
1971	BN	70	West	2,280	3,399	0	0	0	0	0	0	0	3,399
1972	D	74	West	2,280	1,694	-586	586	0	0	0	586	0	2,280
1973	AN	66	West	3,420	8,263	0	0	0	0	0	0	0	8,263
1974	W	69	West	3,420	6,367	0	0	0	0	0	0	0	6,367
1975	W	67	West	3,420	8,601	0	0	0	0	0	0	0	8,601
1976	C	80	East	710	1,796	0	0	0	0	0	0	0	1,796
1977	C	81	East	710	1,271	0	0	0	0	0	0	0	1,271
1978	W	66	West	3,420	9,110	0	0	0	0	0	0	0	9,110
1979	AN	69	West	3,420	8,713	0	0	0	0	0	0	0	8,713
1980	W	65	West	3,420	13,125	0	0	0	0	0	0	0	13,125
1981	D	74	West	2,280	3,677	0	0	0	0	0	0	0	3,677
1982	W	65	West	3,420	14,944	0	0	0	0	0	0	0	14,944
1983	W	64	West	3,420	37,502	0	0	0	0	0	0	0	37,502
1984	AN	69	West	3,420	6,180	0	0	0	0	0	0	0	6,180
1985	D	75	East	1,420	2,205	0	0	0	0	0	0	0	2,205
1986	W	64	West	3,420	22,789	0	0	0	0	0	0	0	22,789
1987	C	74	West	1,140	1,978	0	0	0	0	0	0	0	1,978
1988	C	78	East	710	1,255	0	0	0	0	0	0	0	1,255
1989	C	79	East	710	1,606	0	0	0	0	0	0	0	1,606
1990	C	79	East	710	1,326	0	0	0	0	0	0	0	1,326
1991	C	81	East	710	2,398	0	0	0	0	0	0	0	2,398
1992	C	74	West	1,140	1,904	0	0	0	0	0	0	0	1,904
1993	W	66	West	3,420	4,569	0	0	0	0	0	0	0	4,569
1994	C	74	East	710	1,500	0	0	0	0	0	0	0	1,500
Average				2,402	5,861	-29	29	0	0	0	29	0	5,890
Maximum				3,420	37,502	0	656	0	0	0	656	0	37,502
Minimum				710	1,254	-656	0	0	0	0	0	0	1,254
Average by SJR Water Year Type													
W				3,420	12,659	0	0	0	0	0	0	0	12,659
AN				3,328	5,806	-47	47	0	0	0	47	0	5,853
BN				2,137	3,341	0	0	0	0	0	0	0	3,341
D				1,889	2,463	-133	133	0	0	0	133	0	2,596
C				871	1,638	0	0	0	0	0	0	0	1,638

Water year types are based on San Joaquin Valley Index (W: Wet; AN: Above Normal; BN: Below Normal; D: Dry; C: Critical)

Table D-4. March X2 Flow Augmentation in TAF

Water Year	Water Year Type*	<1>	<2>	<3>	<4>	<5>	<6>	<7>	<8>	<9>	<10>
		TAF	TAF	=<1>-<2> TAF	TAF	TAF	TAF	TAF	=<5>+<6> TAF	=<4>+<7> TAF	=<3>-<8> TAF
		Vernalis Target Flow	Vernalis Flow Before X2 Flow Augmentation	X2 Flow Deficiency	Diversion from DMC	New Melones Reservoir Releases for Instream Flow Requirements of Stanislaus River	New Melones Reservoir Releases for Minimum Flow Requirements of Stanislaus River	Total Releases from New Melones Reservoir	X2 Flow Augmentation	Calculated X2 Flow Shortage	San Joaquin River at Vernalis after X2 Flow Augmentation
1922	W	210	481	0	0	0	0	0	0	0	481
1923	AN	131	184	0	0	0	0	0	0	0	184
1924	C	44	102	0	0	0	0	0	0	0	102
1925	BN	140	154	0	0	0	0	0	0	0	154
1926	D	140	108	-32	32	0	0	0	32	0	140
1927	AN	210	231	0	0	0	0	0	0	0	231
1928	BN	140	363	0	0	0	0	0	0	0	363
1929	C	44	103	0	0	0	0	0	0	0	103
1930	C	70	111	0	0	0	0	0	0	0	111
1931	C	44	77	0	0	0	0	0	0	0	77
1932	AN	210	282	0	0	0	0	0	0	0	282
1933	D	87	125	0	0	0	0	0	0	0	125
1934	C	70	101	0	0	0	0	0	0	0	101
1935	AN	210	220	0	0	0	0	0	0	0	220
1936	AN	210	352	0	0	0	0	0	0	0	352
1937	W	210	658	0	0	0	0	0	0	0	658
1938	W	210	1,676	0	0	0	0	0	0	0	1,676
1939	D	87	238	0	0	0	0	0	0	0	238
1940	AN	210	577	0	0	0	0	0	0	0	577
1941	W	210	683	0	0	0	0	0	0	0	683
1942	W	210	361	0	0	0	0	0	0	0	361
1943	W	210	1,064	0	0	0	0	0	0	0	1,064
1944	BN	140	209	0	0	0	0	0	0	0	209
1945	AN	210	489	0	0	0	0	0	0	0	489
1946	AN	210	278	0	0	0	0	0	0	0	278
1947	D	140	118	-22	22	0	0	0	22	0	140
1948	BN	87	113	0	0	0	0	0	0	0	113
1949	BN	87	163	0	0	0	0	0	0	0	163
1950	BN	140	145	0	0	0	0	0	0	0	145
1951	AN	210	334	0	0	0	0	0	0	0	334
1952	W	210	698	0	0	0	0	0	0	0	698
1953	BN	140	195	0	0	0	0	0	0	0	195
1954	BN	140	162	0	0	0	0	0	0	0	162
1955	D	87	108	0	0	0	0	0	0	0	108
1956	W	210	392	0	0	0	0	0	0	0	392
1957	BN	140	261	0	0	0	0	0	0	0	261
1958	W	210	554	0	0	0	0	0	0	0	554
1959	D	140	197	0	0	0	0	0	0	0	197
1960	C	70	114	0	0	0	0	0	0	0	114
1961	C	70	79	0	0	0	0	0	0	0	79
1962	BN	140	279	0	0	0	0	0	0	0	279
1963	AN	210	170	-40	40	0	0	0	40	0	210
1964	D	87	103	0	0	0	0	0	0	0	103
1965	W	210	297	0	0	0	0	0	0	0	297
1966	BN	140	212	0	0	0	0	0	0	0	212
1967	W	210	421	0	0	0	0	0	0	0	421
1968	D	140	202	0	0	0	0	0	0	0	202
1969	W	210	1,089	0	0	0	0	0	0	0	1,089
1970	AN	210	456	0	0	0	0	0	0	0	456
1971	BN	140	209	0	0	0	0	0	0	0	209
1972	D	140	104	-36	36	0	0	0	36	0	140
1973	AN	210	508	0	0	0	0	0	0	0	508
1974	W	210	391	0	0	0	0	0	0	0	391
1975	W	210	529	0	0	0	0	0	0	0	529
1976	C	44	110	0	0	0	0	0	0	0	110
1977	C	44	78	0	0	0	0	0	0	0	78
1978	W	210	560	0	0	0	0	0	0	0	560
1979	AN	210	536	0	0	0	0	0	0	0	536
1980	W	210	807	0	0	0	0	0	0	0	807
1981	D	140	226	0	0	0	0	0	0	0	226
1982	W	210	919	0	0	0	0	0	0	0	919
1983	W	210	2,306	0	0	0	0	0	0	0	2,306
1984	AN	210	380	0	0	0	0	0	0	0	380
1985	D	87	136	0	0	0	0	0	0	0	136
1986	W	210	1,401	0	0	0	0	0	0	0	1,401
1987	C	70	122	0	0	0	0	0	0	0	122
1988	C	44	77	0	0	0	0	0	0	0	77
1989	C	44	99	0	0	0	0	0	0	0	99
1990	C	44	82	0	0	0	0	0	0	0	82
1991	C	44	147	0	0	0	0	0	0	0	147
1992	C	70	117	0	0	0	0	0	0	0	117
1993	W	210	281	0	0	0	0	0	0	0	281
1994	C	44	92	0	0	0	0	0	0	0	92
Average		148	360	-2	2	0	0	0	2	0	362
Maximum		210	2,306	0	40	0	0	0	40	0	2,306
Minimum		44	77	-40	0	0	0	0	0	0	77
Average by SJR Water Year Type											
W		210	778	0	0	0	0	0	0	0	778
AN		205	357	-3	3	0	0	0	3	0	360
BN		131	205	0	0	0	0	0	0	0	205
D		116	151	-8	8	0	0	0	8	0	160
C		54	101	0	0	0	0	0	0	0	101

Water year types are based on San Joaquin Valley Index (W: Wet; AN: Above Normal; BN: Below Normal; D: Dry; C: Critical)

Table D-5. April 1-14 X2 Flow Augmentation in CFS

Water Year	Water Year Type*	Required X2 Position (km)	Is X2 East or West of Chipps Island (74km)?	<1>	<2>	<3>	<4>	<5>	<6>	<7>	<8>	<9>	<10>
				CFS	CFS	=<1>-<2> CFS	CFS	CFS New Melones Reservoir Releases for Instream Flow Requirements of Stanislaus River	CFS New Melones Reservoir Releases for Minimum Flow Requirements of Stanislaus River	=<5>+<6> CFS	=<4>+<7> CFS	=<3>-<8> CFS	=<2>+<8> CFS
				Vernalis Target Flow	Vernalis Flow Before X2 Flow Augmentation	X2 Flow Deficiency	Diversion from DMC			Total Releases from New Melones Reservoir	X2 Flow Augmentation	Calculated X2 Flow Shortage	San Joaquin River at Vernalis after X2 Flow Augmentation
1922	W	75	East	2,130	6,153	0	0	0	0	0	0	0	6,153
1923	AN	78	East	2,130	5,178	0	0	0	0	0	0	0	5,178
1924	C	81	East	710	1,407	0	0	0	0	0	0	0	1,407
1925	BN	73	West	2,280	3,062	0	0	0	0	0	0	0	3,062
1926	D	76	East	1,420	2,449	0	0	0	0	0	0	0	2,449
1927	AN	69	West	3,420	4,143	0	0	0	0	0	0	0	4,143
1928	BN	65	West	2,280	4,349	0	0	0	0	0	0	0	4,349
1929	C	79	East	710	1,448	0	0	0	0	0	0	0	1,448
1930	C	74	East	710	1,500	0	0	0	0	0	0	0	1,500
1931	C	80	East	710	1,223	0	0	0	0	0	0	0	1,223
1932	AN	74	East	2,130	3,690	0	0	0	0	0	0	0	3,690
1933	D	76	East	1,420	1,660	0	0	0	0	0	0	0	1,660
1934	C	76	East	710	1,329	0	0	0	0	0	0	0	1,329
1935	AN	75	East	2,130	5,422	0	0	0	0	0	0	0	5,422
1936	AN	71	West	3,420	6,506	0	0	0	0	0	0	0	6,506
1937	W	69	West	3,420	8,553	0	0	0	0	0	0	0	8,553
1938	W	64	West	3,420	17,476	0	0	0	0	0	0	0	17,476
1939	D	76	East	1,420	3,298	0	0	0	0	0	0	0	3,298
1940	AN	65	West	3,420	6,286	0	0	0	0	0	0	0	6,286
1941	W	66	West	3,420	10,004	0	0	0	0	0	0	0	10,004
1942	W	73	West	3,420	6,902	0	0	0	0	0	0	0	6,902
1943	W	66	West	3,420	7,787	0	0	0	0	0	0	0	7,787
1944	BN	75	East	1,420	3,244	0	0	0	0	0	0	0	3,244
1945	AN	75	East	2,130	6,290	0	0	0	0	0	0	0	6,290
1946	AN	75	East	2,130	4,709	0	0	0	0	0	0	0	4,709
1947	D	74	East	1,420	1,750	0	0	0	0	0	0	0	1,750
1948	BN	78	East	1,420	3,105	0	0	0	0	0	0	0	3,105
1949	BN	74	West	2,280	2,615	0	0	0	0	0	0	0	2,615
1950	BN	74	East	1,420	2,484	0	0	0	0	0	0	0	2,484
1951	AN	71	West	3,420	3,876	0	0	0	0	0	0	0	3,876
1952	W	68	West	3,420	9,778	0	0	0	0	0	0	0	9,778
1953	BN	75	East	1,420	3,635	0	0	0	0	0	0	0	3,635
1954	BN	68	West	2,280	3,909	0	0	0	0	0	0	0	3,909
1955	D	79	East	1,420	1,711	0	0	0	0	0	0	0	1,711
1956	W	70	West	3,420	4,891	0	0	0	0	0	0	0	4,891
1957	BN	69	West	2,280	3,139	0	0	0	0	0	0	0	3,139
1958	W	66	West	3,420	14,404	0	0	0	0	0	0	0	14,404
1959	D	75	East	1,420	2,466	0	0	0	0	0	0	0	2,466
1960	C	74	West	1,140	1,705	0	0	0	0	0	0	0	1,705
1961	C	75	East	710	1,422	0	0	0	0	0	0	0	1,422
1962	BN	74	East	1,420	3,628	0	0	0	0	0	0	0	3,628
1963	AN	74	West	3,420	4,538	0	0	0	0	0	0	0	4,538
1964	D	80	East	1,420	1,536	0	0	0	0	0	0	0	1,536
1965	W	75	East	2,130	6,631	0	0	0	0	0	0	0	6,631
1966	BN	74	East	1,420	2,183	0	0	0	0	0	0	0	2,183
1967	W	67	West	3,420	12,512	0	0	0	0	0	0	0	12,512
1968	D	72	West	2,280	2,808	0	0	0	0	0	0	0	2,808
1969	W	69	West	3,420	18,463	0	0	0	0	0	0	0	18,463
1970	AN	70	West	3,420	4,366	0	0	0	0	0	0	0	4,366
1971	BN	68	West	2,280	3,113	0	0	0	0	0	0	0	3,113
1972	D	74	West	2,280	1,576	-704	704	0	0	0	704	0	2,280
1973	AN	69	West	3,420	5,514	0	0	0	0	0	0	0	5,514
1974	W	65	West	3,420	7,753	0	0	0	0	0	0	0	7,753
1975	W	66	West	3,420	6,637	0	0	0	0	0	0	0	6,637
1976	C	79	East	710	1,602	0	0	0	0	0	0	0	1,602
1977	C	81	East	710	1,354	0	0	0	0	0	0	0	1,354
1978	W	66	West	3,420	11,713	0	0	0	0	0	0	0	11,713
1979	AN	70	West	3,420	5,553	0	0	0	0	0	0	0	5,553
1980	W	68	West	3,420	7,687	0	0	0	0	0	0	0	7,687
1981	D	74	East	1,420	3,004	0	0	0	0	0	0	0	3,004
1982	W	66	West	3,420	24,490	0	0	0	0	0	0	0	24,490
1983	W	64	West	3,420	20,227	0	0	0	0	0	0	0	20,227
1984	AN	70	West	3,420	3,866	0	0	0	0	0	0	0	3,866
1985	D	77	East	1,420	1,898	0	0	0	0	0	0	0	1,898
1986	W	65	West	3,420	11,727	0	0	0	0	0	0	0	11,727
1987	C	74	East	710	1,642	0	0	0	0	0	0	0	1,642
1988	C	80	East	710	1,401	0	0	0	0	0	0	0	1,401
1989	C	74	West	1,140	1,409	0	0	0	0	0	0	0	1,409
1990	C	76	East	710	1,298	0	0	0	0	0	0	0	1,298
1991	C	74	East	710	1,951	0	0	0	0	0	0	0	1,951
1992	C	75	East	710	1,634	0	0	0	0	0	0	0	1,634
1993	W	65	West	3,420	3,772	0	0	0	0	0	0	0	3,772
1994	C	78	East	710	1,344	0	0	0	0	0	0	0	1,344
Average				2,178	5,120	-10	10	0	0	0	10	0	5,130
Maximum				3,420	24,490	0	704	0	0	0	704	0	24,490
Minimum				710	1,223	-704	0	0	0	0	0	0	1,223
Average by SJR Water Year Type													
W				3,291	10,878	0	0	0	0	0	0	0	10,878
AN				2,959	4,995	0	0	0	0	0	0	0	4,995
BN				1,850	3,205	0	0	0	0	0	0	0	3,205
D				1,576	2,196	-64	64	0	0	0	64	0	2,260
C				764	1,479	0	0	0	0	0	0	0	1,479

Water year types are based on San Joaquin Valley Index (W: Wet; AN: Above Normal; BN: Below Normal; D: Dry; C: Critical)

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Table D-6. April 1-14 X2 Flow Augmentation in TAF

Water Year	Water Year Type*	<1>	<2>	<3>	<4>	<5>	<6>	<7>	<8>	<9>	<10>
		TAF	TAF	=<1>-<2> TAF	TAF	TAF	TAF	TAF	=<5>+<6> TAF	=<4>+<7> TAF	=<3>-<8> TAF
		Vernalis Target Flow	Vernalis Flow Before X2 Flow Augmentation	X2 Flow Deficiency	Diversion from DMC	New Melones Reservoir Releases for Instream Flow Requirements of Stanislaus River	New Melones Reservoir Releases for Minimum Flow Requirements of Stanislaus River	Total Releases from New Melones Reservoir	X2 Flow Augmentation	Calculated X2 Flow Shortage	San Joaquin River at Vernalis after X2 Flow Augmentation
1922	W	59	171	0	0	0	0	0	0	0	171
1923	AN	59	144	0	0	0	0	0	0	0	144
1924	C	20	39	0	0	0	0	0	0	0	39
1925	BN	63	85	0	0	0	0	0	0	0	85
1926	D	39	68	0	0	0	0	0	0	0	68
1927	AN	95	115	0	0	0	0	0	0	0	115
1928	BN	63	121	0	0	0	0	0	0	0	121
1929	C	20	40	0	0	0	0	0	0	0	40
1930	C	20	42	0	0	0	0	0	0	0	42
1931	C	20	34	0	0	0	0	0	0	0	34
1932	AN	59	102	0	0	0	0	0	0	0	102
1933	D	39	46	0	0	0	0	0	0	0	46
1934	C	20	37	0	0	0	0	0	0	0	37
1935	AN	59	151	0	0	0	0	0	0	0	151
1936	AN	95	181	0	0	0	0	0	0	0	181
1937	W	95	237	0	0	0	0	0	0	0	237
1938	W	95	485	0	0	0	0	0	0	0	485
1939	D	39	92	0	0	0	0	0	0	0	92
1940	AN	95	175	0	0	0	0	0	0	0	175
1941	W	95	278	0	0	0	0	0	0	0	278
1942	W	95	192	0	0	0	0	0	0	0	192
1943	W	95	216	0	0	0	0	0	0	0	216
1944	BN	39	90	0	0	0	0	0	0	0	90
1945	AN	59	175	0	0	0	0	0	0	0	175
1946	AN	59	131	0	0	0	0	0	0	0	131
1947	D	39	49	0	0	0	0	0	0	0	49
1948	BN	39	86	0	0	0	0	0	0	0	86
1949	BN	63	73	0	0	0	0	0	0	0	73
1950	BN	39	69	0	0	0	0	0	0	0	69
1951	AN	95	108	0	0	0	0	0	0	0	108
1952	W	95	272	0	0	0	0	0	0	0	272
1953	BN	39	101	0	0	0	0	0	0	0	101
1954	BN	63	109	0	0	0	0	0	0	0	109
1955	D	39	48	0	0	0	0	0	0	0	48
1956	W	95	136	0	0	0	0	0	0	0	136
1957	BN	63	87	0	0	0	0	0	0	0	87
1958	W	95	400	0	0	0	0	0	0	0	400
1959	D	39	68	0	0	0	0	0	0	0	68
1960	C	20	47	0	0	0	0	0	0	0	47
1961	C	20	39	0	0	0	0	0	0	0	39
1962	BN	39	101	0	0	0	0	0	0	0	101
1963	AN	95	126	0	0	0	0	0	0	0	126
1964	D	39	43	0	0	0	0	0	0	0	43
1965	W	95	184	0	0	0	0	0	0	0	184
1966	BN	39	61	0	0	0	0	0	0	0	61
1967	W	95	347	0	0	0	0	0	0	0	347
1968	D	63	78	0	0	0	0	0	0	0	78
1969	W	95	513	0	0	0	0	0	0	0	513
1970	AN	95	121	0	0	0	0	0	0	0	121
1971	BN	63	86	0	0	0	0	0	0	0	86
1972	D	63	44	-20	20	0	0	0	20	0	63
1973	AN	95	153	0	0	0	0	0	0	0	153
1974	W	95	215	0	0	0	0	0	0	0	215
1975	W	95	184	0	0	0	0	0	0	0	184
1976	C	20	44	0	0	0	0	0	0	0	44
1977	C	20	38	0	0	0	0	0	0	0	38
1978	W	95	325	0	0	0	0	0	0	0	325
1979	AN	95	154	0	0	0	0	0	0	0	154
1980	W	95	213	0	0	0	0	0	0	0	213
1981	D	39	83	0	0	0	0	0	0	0	83
1982	W	95	680	0	0	0	0	0	0	0	680
1983	W	95	562	0	0	0	0	0	0	0	562
1984	AN	95	107	0	0	0	0	0	0	0	107
1985	D	39	53	0	0	0	0	0	0	0	53
1986	W	95	326	0	0	0	0	0	0	0	326
1987	C	20	46	0	0	0	0	0	0	0	46
1988	C	20	39	0	0	0	0	0	0	0	39
1989	C	32	39	0	0	0	0	0	0	0	39
1990	C	20	36	0	0	0	0	0	0	0	36
1991	C	20	54	0	0	0	0	0	0	0	54
1992	C	20	45	0	0	0	0	0	0	0	45
1993	W	95	105	0	0	0	0	0	0	0	105
1994	C	20	37	0	0	0	0	0	0	0	37
Average		60	142	0	0	0	0	0	0	0	142
Maximum		95	680	0	20	0	0	0	20	0	680
Minimum		20	34	-20	0	0	0	0	0	0	34
Average by SJR Water Year Type											
W		91	302	0	0	0	0	0	0	0	302
AN		82	139	0	0	0	0	0	0	0	139
BN		51	89	0	0	0	0	0	0	0	89
D		44	61	-2	2	0	0	0	2	0	63
C		21	41	0	0	0	0	0	0	0	41

Water year types are based on San Joaquin Valley Index (W: Wet; AN: Above Normal; BN: Below Normal; D: Dry; C: Critical)

Table D-7. May 16-31 X2 Flow Augmentation in CFS

Water Year	Water Year Type*	Required X2 Position (km)	Is X2 East or West of Chipps Island (74km)?	<1>	<2>	<3>	<4>	<5>	<6>	<7>	<8>	<9>	<10>
				CFS	CFS	=<1>-<2>	CFS	CFS	CFS	CFS	CFS	CFS	CFS
				Vernalis Target Flow	Vernalis Flow Before X2 Flow Augmentation	X2 Flow Deficiency	Diversion from DMC	New Melones Reservoir Releases for Instream Flow Requirements of Stanislaus River	New Melones Reservoir Releases for Minimum Flow Requirements of Stanislaus River	Total Releases from New Melones Reservoir	X2 Flow Augmentation	Calculated X2 Flow Shortage	San Joaquin River at Vernalis after X2 Flow Augmentation
1922	W	74	West	3,420	6,464	0	0	0	0	0	0	0	6,464
1923	AN	74	East	2,130	3,657	0	0	0	0	0	0	0	3,657
1924	C	0	West	1,140	1,182	0	0	0	0	0	0	0	1,182
1925	BN	74	West	2,280	2,507	0	0	0	0	0	0	0	2,507
1926	D	74	West	2,280	1,747	-533	533	0	0	0	533	0	2,280
1927	AN	66	West	3,420	2,969	-451	451	0	0	0	451	0	3,420
1928	BN	70	West	2,280	2,517	0	0	0	0	0	0	0	2,517
1929	C	81	East	710	1,257	0	0	0	0	0	0	0	1,257
1930	C	77	East	710	1,229	0	0	0	0	0	0	0	1,229
1931	C	0	West	1,140	1,017	-123	123	0	0	0	123	0	1,140
1932	AN	77	East	2,130	2,289	0	0	0	0	0	0	0	2,289
1933	D	81	East	1,420	1,403	-17	17	0	0	0	17	0	1,420
1934	C	81	East	710	1,017	0	0	0	0	0	0	0	1,017
1935	AN	65	West	3,420	4,272	0	0	0	0	0	0	0	4,272
1936	AN	74	West	3,420	3,764	0	0	0	0	0	0	0	3,764
1937	W	70	West	3,420	7,876	0	0	0	0	0	0	0	7,876
1938	W	65	West	3,420	21,294	0	0	0	0	0	0	0	21,294
1939	D	0	West	2,280	2,550	0	0	0	0	0	0	0	2,550
1940	AN	67	West	3,420	3,834	0	0	0	0	0	0	0	3,834
1941	W	67	West	3,420	8,063	0	0	0	0	0	0	0	8,063
1942	W	67	West	3,420	5,910	0	0	0	0	0	0	0	5,910
1943	W	68	West	3,420	6,358	0	0	0	0	0	0	0	6,358
1944	BN	81	East	1,420	3,326	0	0	0	0	0	0	0	3,326
1945	AN	76	East	2,130	4,052	0	0	0	0	0	0	0	4,052
1946	AN	74	East	2,130	3,535	0	0	0	0	0	0	0	3,535
1947	D	80	East	1,420	1,559	0	0	0	0	0	0	0	1,559
1948	BN	74	West	2,280	2,690	0	0	0	0	0	0	0	2,690
1949	BN	74	East	1,420	2,214	0	0	0	0	0	0	0	2,214
1950	BN	74	West	2,280	1,999	-281	281	0	0	0	281	0	2,280
1951	AN	76	East	2,130	3,502	0	0	0	0	0	0	0	3,502
1952	W	65	West	3,420	12,835	0	0	0	0	0	0	0	12,835
1953	BN	74	East	1,420	3,142	0	0	0	0	0	0	0	3,142
1954	BN	67	West	2,280	2,988	0	0	0	0	0	0	0	2,988
1955	D	81	East	1,420	1,632	0	0	0	0	0	0	0	1,632
1956	W	74	East	2,130	3,618	0	0	0	0	0	0	0	3,618
1957	BN	79	East	1,420	3,231	0	0	0	0	0	0	0	3,231
1958	W	65	West	3,420	11,837	0	0	0	0	0	0	0	11,837
1959	D	80	East	1,420	2,121	0	0	0	0	0	0	0	2,121
1960	C	79	East	710	1,429	0	0	0	0	0	0	0	1,429
1961	C	81	East	710	1,258	0	0	0	0	0	0	0	1,258
1962	BN	74	West	2,280	2,223	-57	57	0	0	0	57	0	2,280
1963	AN	65	West	3,420	3,725	0	0	0	0	0	0	0	3,725
1964	D	81	East	1,420	1,361	-59	59	0	0	0	59	0	1,420
1965	W	67	West	3,420	4,119	0	0	0	0	0	0	0	4,119
1966	BN	74	East	1,420	1,912	0	0	0	0	0	0	0	1,912
1967	W	70	West	3,420	12,523	0	0	0	0	0	0	0	12,523
1968	D	81	East	1,420	2,075	0	0	0	0	0	0	0	2,075
1969	W	65	West	3,420	23,408	0	0	0	0	0	0	0	23,408
1970	AN	81	East	2,130	3,730	0	0	0	0	0	0	0	3,730
1971	BN	74	East	1,420	2,980	0	0	0	0	0	0	0	2,980
1972	D	79	East	1,420	1,684	0	0	0	0	0	0	0	1,684
1973	AN	75	East	2,130	4,098	0	0	0	0	0	0	0	4,098
1974	W	66	West	3,420	5,415	0	0	0	0	0	0	0	5,415
1975	W	75	East	2,130	4,831	0	0	0	0	0	0	0	4,831
1976	C	0	West	1,140	1,402	0	0	0	0	0	0	0	1,402
1977	C	0	West	1,140	1,180	0	0	0	0	0	0	0	1,180
1978	W	68	West	3,420	9,828	0	0	0	0	0	0	0	9,828
1979	AN	77	East	2,130	4,228	0	0	0	0	0	0	0	4,228
1980	W	73	West	3,420	5,300	0	0	0	0	0	0	0	5,300
1981	D	80	East	1,420	2,331	0	0	0	0	0	0	0	2,331
1982	W	64	West	3,420	16,120	0	0	0	0	0	0	0	16,120
1983	W	66	West	3,420	19,172	0	0	0	0	0	0	0	19,172
1984	AN	79	East	2,130	3,509	0	0	0	0	0	0	0	3,509
1985	D	76	East	1,420	2,545	0	0	0	0	0	0	0	2,545
1986	W	73	West	3,420	7,044	0	0	0	0	0	0	0	7,044
1987	C	81	East	710	1,432	0	0	0	0	0	0	0	1,432
1988	C	81	East	710	1,208	0	0	0	0	0	0	0	1,208
1989	C	74	East	710	1,197	0	0	0	0	0	0	0	1,197
1990	C	0	West	1,140	1,095	-45	45	0	0	0	45	0	1,140
1991	C	0	West	1,140	1,447	0	0	0	0	0	0	0	1,447
1992	C	81	East	710	1,082	0	0	0	0	0	0	0	1,082
1993	W	68	West	3,420	3,625	0	0	0	0	0	0	0	3,625
1994	C	0	West	1,140	1,268	0	0	0	0	0	0	0	1,268
Average				2,137	4,373	-21	21	0	0	0	21	0	4,395
Maximum				3,420	23,408	0	533	0	0	0	533	0	23,408
Minimum				710	1,017	-533	0	0	0	0	0	0	1,017
Average by SJR Water Year Type													
W				3,291	9,782	0	0	0	0	0	0	0	9,782
AN				2,591	3,655	-32	32	0	0	0	32	0	3,687
BN				1,850	2,644	-28	28	0	0	0	28	0	2,672
D				1,576	1,910	-55	55	0	0	0	55	0	1,965
C				898	1,231	-10	10	0	0	0	10	0	1,242

Water year types are based on San Joaquin Valley Index (W: Wet; AN: Above Normal; BN: Below Normal; D: Dry; C: Critical)

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Table D-8. May 16-31 X2 Flow Augmentation in TAF

Water Year	Water Year Type*	<1>	<2>	<3>	<4>	<5>	<6>	<7>	<8>	<9>	<10>
		TAF	TAF	=<1>-<2>	TAF	TAF	TAF	TAF	=<5>+<6>	=<4>+<7>	=<3>-<8>
		Vernalis Target Flow	Vernalis Flow Before X2 Flow Augmentation	X2 Flow Deficiency	Diversion from DMC	New Melones Reservoir Releases for Instream Flow Requirements of Stanislaus River	New Melones Reservoir Releases for Minimum Flow Requirements of Stanislaus River	Total Releases from New Melones Reservoir	X2 Flow Augmentation	Calculated X2 Flow Shortage	San Joaquin River at Vernalis after X2 Flow Augmentation
1922	W	109	205	0	0	0	0	0	0	0	205
1923	AN	68	116	0	0	0	0	0	0	0	116
1924	C	36	38	0	0	0	0	0	0	0	38
1925	BN	72	80	0	0	0	0	0	0	0	80
1926	D	72	55	-17	17	0	0	0	17	0	72
1927	AN	109	94	-14	14	0	0	0	14	0	109
1928	BN	72	80	0	0	0	0	0	0	0	80
1929	C	23	40	0	0	0	0	0	0	0	40
1930	C	23	39	0	0	0	0	0	0	0	39
1931	C	36	32	-4	4	0	0	0	4	0	36
1932	AN	68	73	0	0	0	0	0	0	0	73
1933	D	45	45	-1	1	0	0	0	1	0	45
1934	C	23	32	0	0	0	0	0	0	0	32
1935	AN	109	136	0	0	0	0	0	0	0	136
1936	AN	109	119	0	0	0	0	0	0	0	119
1937	W	109	250	0	0	0	0	0	0	0	250
1938	W	109	676	0	0	0	0	0	0	0	676
1939	D	72	81	0	0	0	0	0	0	0	81
1940	AN	109	122	0	0	0	0	0	0	0	122
1941	W	109	256	0	0	0	0	0	0	0	256
1942	W	109	188	0	0	0	0	0	0	0	188
1943	W	109	202	0	0	0	0	0	0	0	202
1944	BN	45	106	0	0	0	0	0	0	0	106
1945	AN	68	129	0	0	0	0	0	0	0	129
1946	AN	68	112	0	0	0	0	0	0	0	112
1947	D	45	49	0	0	0	0	0	0	0	49
1948	BN	72	85	0	0	0	0	0	0	0	85
1949	BN	45	70	0	0	0	0	0	0	0	70
1950	BN	72	63	-9	9	0	0	0	9	0	72
1951	AN	68	111	0	0	0	0	0	0	0	111
1952	W	109	407	0	0	0	0	0	0	0	407
1953	BN	45	100	0	0	0	0	0	0	0	100
1954	BN	72	95	0	0	0	0	0	0	0	95
1955	D	45	52	0	0	0	0	0	0	0	52
1956	W	68	115	0	0	0	0	0	0	0	115
1957	BN	45	103	0	0	0	0	0	0	0	103
1958	W	109	376	0	0	0	0	0	0	0	376
1959	D	45	67	0	0	0	0	0	0	0	67
1960	C	23	45	0	0	0	0	0	0	0	45
1961	C	23	40	0	0	0	0	0	0	0	40
1962	BN	72	71	-2	2	0	0	0	2	0	72
1963	AN	109	118	0	0	0	0	0	0	0	118
1964	D	45	43	-2	2	0	0	0	2	0	45
1965	W	109	131	0	0	0	0	0	0	0	131
1966	BN	45	61	0	0	0	0	0	0	0	61
1967	W	109	397	0	0	0	0	0	0	0	397
1968	D	45	66	0	0	0	0	0	0	0	66
1969	W	109	743	0	0	0	0	0	0	0	743
1970	AN	68	118	0	0	0	0	0	0	0	118
1971	BN	45	95	0	0	0	0	0	0	0	95
1972	D	45	53	0	0	0	0	0	0	0	53
1973	AN	68	130	0	0	0	0	0	0	0	130
1974	W	109	172	0	0	0	0	0	0	0	172
1975	W	68	153	0	0	0	0	0	0	0	153
1976	C	36	45	0	0	0	0	0	0	0	45
1977	C	36	37	0	0	0	0	0	0	0	37
1978	W	109	312	0	0	0	0	0	0	0	312
1979	AN	68	134	0	0	0	0	0	0	0	134
1980	W	109	168	0	0	0	0	0	0	0	168
1981	D	45	74	0	0	0	0	0	0	0	74
1982	W	109	512	0	0	0	0	0	0	0	512
1983	W	109	608	0	0	0	0	0	0	0	608
1984	AN	68	111	0	0	0	0	0	0	0	111
1985	D	45	81	0	0	0	0	0	0	0	81
1986	W	109	224	0	0	0	0	0	0	0	224
1987	C	23	45	0	0	0	0	0	0	0	45
1988	C	23	38	0	0	0	0	0	0	0	38
1989	C	23	38	0	0	0	0	0	0	0	38
1990	C	36	35	-1	1	0	0	0	1	0	36
1991	C	36	46	0	0	0	0	0	0	0	46
1992	C	23	34	0	0	0	0	0	0	0	34
1993	W	109	115	0	0	0	0	0	0	0	115
1994	C	36	40	0	0	0	0	0	0	0	40
Average		68	139	-1	1	0	0	0	1	0	139
Maximum		109	743	0	17	0	0	0	17	0	743
Minimum		23	32	-17	0	0	0	0	0	0	32
Average by SJR Water Year Type											
W		104	310	0	0	0	0	0	0	0	310
AN		82	116	-1	1	0	0	0	1	0	117
BN		59	84	-1	1	0	0	0	1	0	85
D		50	61	-2	2	0	0	0	2	0	62
C		29	39	0	0	0	0	0	0	0	39

Water year types are based on San Joaquin Valley Index (W: Wet; AN: Above Normal; BN: Below Normal; D: Dry; C: Critical)
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Table D-9. June X2 Flow Augmentation in CFS

Water Year	Water Year Type*	Required X2 Position (km)	Is X2 East or West of Chipps Island (74km)?	<1>	<2>	<3>	<4>	<5>	<6>	<7>	<8>	<9>	<10>
				CFS	CFS	=<1>-<2>	CFS	CFS	CFS	CFS	=<5>+<6>	=<4>+<7>	=<3>-<8>
				Vernalis Target Flow	Vernalis Flow Before X2 Flow Augmentation	X2 Flow Deficiency	Diversion from DMC	New Melones Reservoir Releases for Instream Flow Requirements of Stanislaus River	New Melones Reservoir Releases for Minimum Flow Requirements of Stanislaus River	Total Releases from New Melones Reservoir	X2 Flow Augmentation	Calculated X2 Flow Shortage	San Joaquin River at Vernalis after X2 Flow Augmentation
1922	W	66	West	3,420	11,895	0	0	0	0	0	0	0	11,895
1923	AN	77	East	2,130	2,606	0	0	0	0	0	0	0	2,606
1924	C	0	West	1,140	1,225	0	0	0	0	0	0	0	1,225
1925	BN	77	East	1,420	2,102	0	0	0	0	0	0	0	2,102
1926	D	81	East	1,420	1,538	0	0	0	0	0	0	0	1,538
1927	AN	75	East	2,130	2,301	0	0	0	0	0	0	0	2,301
1928	BN	80	East	1,420	1,806	0	0	0	0	0	0	0	1,806
1929	C	81	East	710	1,305	0	0	0	0	0	0	0	1,305
1930	C	81	East	710	1,273	0	0	0	0	0	0	0	1,273
1931	C	0	West	1,140	1,078	-62	0	62	0	62	62	0	1,140
1932	AN	75	East	2,130	1,971	-159	159	0	0	0	159	0	2,130
1933	D	81	East	1,420	1,153	-267	166	101	0	101	267	0	1,420
1934	C	81	East	710	1,065	0	0	0	0	0	0	0	1,065
1935	AN	73	West	3,420	2,965	-455	455	0	0	0	455	0	3,420
1936	AN	77	East	2,130	2,309	0	0	0	0	0	0	0	2,309
1937	W	74	East	2,130	2,585	0	0	0	0	0	0	0	2,585
1938	W	65	West	3,420	19,419	0	0	0	0	0	0	0	19,419
1939	D	0	West	2,280	1,850	-430	430	0	0	0	430	0	2,280
1940	AN	77	East	2,130	2,581	0	0	0	0	0	0	0	2,581
1941	W	70	West	3,420	6,360	0	0	0	0	0	0	0	6,360
1942	W	73	West	3,420	5,312	0	0	0	0	0	0	0	5,312
1943	W	78	East	2,130	3,097	0	0	0	0	0	0	0	3,097
1944	BN	79	East	1,420	2,243	0	0	0	0	0	0	0	2,243
1945	AN	77	East	2,130	2,633	0	0	0	0	0	0	0	2,633
1946	AN	77	East	2,130	2,569	0	0	0	0	0	0	0	2,569
1947	D	81	East	1,420	1,661	0	0	0	0	0	0	0	1,661
1948	BN	75	East	1,420	2,248	0	0	0	0	0	0	0	2,248
1949	BN	78	East	1,420	1,752	0	0	0	0	0	0	0	1,752
1950	BN	77	East	1,420	1,729	0	0	0	0	0	0	0	1,729
1951	AN	80	East	2,130	2,470	0	0	0	0	0	0	0	2,470
1952	W	65	West	3,420	13,496	0	0	0	0	0	0	0	13,496
1953	BN	78	East	1,420	2,344	0	0	0	0	0	0	0	2,344
1954	BN	79	East	1,420	1,950	0	0	0	0	0	0	0	1,950
1955	D	79	East	1,420	1,693	0	0	0	0	0	0	0	1,693
1956	W	72	West	3,420	5,458	0	0	0	0	0	0	0	5,458
1957	BN	76	East	1,420	2,330	0	0	0	0	0	0	0	2,330
1958	W	66	West	3,420	9,924	0	0	0	0	0	0	0	9,924
1959	D	81	East	1,420	1,667	0	0	0	0	0	0	0	1,667
1960	C	81	East	710	1,467	0	0	0	0	0	0	0	1,467
1961	C	81	East	710	1,391	0	0	0	0	0	0	0	1,391
1962	BN	80	East	1,420	1,694	0	0	0	0	0	0	0	1,694
1963	AN	73	West	3,420	2,962	-458	458	0	0	0	458	0	3,420
1964	D	81	East	1,420	1,382	-38	0	38	0	38	38	0	1,420
1965	W	77	East	2,130	2,929	0	0	0	0	0	0	0	2,929
1966	BN	81	East	1,420	1,798	0	0	0	0	0	0	0	1,798
1967	W	68	West	3,420	16,225	0	0	0	0	0	0	0	16,225
1968	D	81	East	1,420	1,717	0	0	0	0	0	0	0	1,717
1969	W	65	West	3,420	24,591	0	0	0	0	0	0	0	24,591
1970	AN	81	East	2,130	2,527	0	0	0	0	0	0	0	2,527
1971	BN	75	East	1,420	2,218	0	0	0	0	0	0	0	2,218
1972	D	81	East	1,420	1,531	0	0	0	0	0	0	0	1,531
1973	AN	74	East	2,130	2,210	0	0	0	0	0	0	0	2,210
1974	W	73	West	3,420	3,284	-136	0	0	136	136	136	0	3,420
1975	W	71	West	3,420	4,871	0	0	0	0	0	0	0	4,871
1976	C	0	West	1,140	1,480	0	0	0	0	0	0	0	1,480
1977	C	0	West	1,140	1,219	0	0	0	0	0	0	0	1,219
1978	W	73	West	3,420	11,215	0	0	0	0	0	0	0	11,215
1979	AN	75	East	2,130	2,148	0	0	0	0	0	0	0	2,148
1980	W	77	East	2,130	5,766	0	0	0	0	0	0	0	5,766
1981	D	81	East	1,420	1,718	0	0	0	0	0	0	0	1,718
1982	W	70	West	3,420	9,875	0	0	0	0	0	0	0	9,875
1983	W	65	West	3,420	34,815	0	0	0	0	0	0	0	34,815
1984	AN	78	East	2,130	2,643	0	0	0	0	0	0	0	2,643
1985	D	81	East	1,420	1,723	0	0	0	0	0	0	0	1,723
1986	W	78	East	2,130	6,748	0	0	0	0	0	0	0	6,748
1987	C	81	East	710	1,498	0	0	0	0	0	0	0	1,498
1988	C	81	East	710	1,262	0	0	0	0	0	0	0	1,262
1989	C	81	East	710	1,266	0	0	0	0	0	0	0	1,266
1990	C	0	West	1,140	1,169	0	0	0	0	0	0	0	1,169
1991	C	0	West	1,140	1,109	-31	0	31	0	31	31	0	1,140
1992	C	81	East	710	1,101	0	0	0	0	0	0	0	1,101
1993	W	73	West	3,420	3,389	-31	31	0	0	0	31	0	3,420
1994	C	0	West	1,140	1,421	0	0	0	0	0	0	0	1,421
Average				1,948	4,087	-28	23	3	2	5	28	0	4,115
Maximum				3,420	34,815	0	458	101	136	136	458	0	34,815
Minimum				710	1,065	-458	0	0	0	0	0	0	1,065
Average by SJR Water Year Type													
W				3,098	10,063	-8	2	0	7	7	8	0	10,071
AN				2,314	2,493	-77	77	0	0	0	77	0	2,569
BN				1,420	2,018	0	0	0	0	0	0	0	2,018
D				1,498	1,603	-67	54	13	0	13	67	0	1,670
C				898	1,271	-6	0	6	0	6	6	0	1,276

Water year types are based on San Joaquin Valley Index (W: Wet; AN: Above Normal; BN: Below Normal; D: Dry; C: Critical)
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Table D-10. June X2 Flow Augmentation in TAF

Water Year	Water Year Type*	<1>	<2>	<3>	<4>	<5>	<6>	<7>	<8>	<9>	<10>
		TAF	TAF	=<1>-<2> TAF	TAF	TAF	TAF	TAF	TAF	TAF	TAF
		Vernalis Target Flow	Vernalis Flow Before X2 Flow Augmentation	X2 Flow Deficiency	Diversion from DMC	New Melones Reservoir Releases for Instream Flow Requirements of Stanislaus River	New Melones Reservoir Releases for Minimum Flow Requirements of Stanislaus River	Total Releases from New Melones Reservoir	X2 Flow Augmentation	Calculated X2 Flow Shortage	San Joaquin River at Vernalis after X2 Flow Augmentation
1922	W	204	708	0	0	0	0	0	0	0	708
1923	AN	127	155	0	0	0	0	0	0	0	155
1924	C	68	73	0	0	0	0	0	0	0	73
1925	BN	84	125	0	0	0	0	0	0	0	125
1926	D	84	92	0	0	0	0	0	0	0	92
1927	AN	127	137	0	0	0	0	0	0	0	137
1928	BN	84	107	0	0	0	0	0	0	0	107
1929	C	42	78	0	0	0	0	0	0	0	78
1930	C	42	76	0	0	0	0	0	0	0	76
1931	C	68	64	-4	0	4	0	4	4	4	68
1932	AN	127	117	-9	9	0	0	0	9	9	127
1933	D	84	69	-16	10	6	0	6	16	16	84
1934	C	42	63	0	0	0	0	0	0	0	63
1935	AN	204	176	-27	27	0	0	0	27	27	204
1936	AN	127	137	0	0	0	0	0	0	0	137
1937	W	127	154	0	0	0	0	0	0	0	154
1938	W	204	1,156	0	0	0	0	0	0	0	1,156
1939	D	136	110	-26	26	0	0	0	26	26	136
1940	AN	127	154	0	0	0	0	0	0	0	154
1941	W	204	378	0	0	0	0	0	0	0	378
1942	W	204	316	0	0	0	0	0	0	0	316
1943	W	127	184	0	0	0	0	0	0	0	184
1944	BN	84	133	0	0	0	0	0	0	0	133
1945	AN	127	157	0	0	0	0	0	0	0	157
1946	AN	127	153	0	0	0	0	0	0	0	153
1947	D	84	99	0	0	0	0	0	0	0	99
1948	BN	84	134	0	0	0	0	0	0	0	134
1949	BN	84	104	0	0	0	0	0	0	0	104
1950	BN	84	103	0	0	0	0	0	0	0	103
1951	AN	127	147	0	0	0	0	0	0	0	147
1952	W	204	803	0	0	0	0	0	0	0	803
1953	BN	84	140	0	0	0	0	0	0	0	140
1954	BN	84	116	0	0	0	0	0	0	0	116
1955	D	84	101	0	0	0	0	0	0	0	101
1956	W	204	325	0	0	0	0	0	0	0	325
1957	BN	84	139	0	0	0	0	0	0	0	139
1958	W	204	591	0	0	0	0	0	0	0	591
1959	D	84	99	0	0	0	0	0	0	0	99
1960	C	42	87	0	0	0	0	0	0	0	87
1961	C	42	83	0	0	0	0	0	0	0	83
1962	BN	84	101	0	0	0	0	0	0	0	101
1963	AN	204	176	-27	27	0	0	0	27	27	204
1964	D	84	82	-2	0	2	0	2	2	2	84
1965	W	127	174	0	0	0	0	0	0	0	174
1966	BN	84	107	0	0	0	0	0	0	0	107
1967	W	204	965	0	0	0	0	0	0	0	965
1968	D	84	102	0	0	0	0	0	0	0	102
1969	W	204	1,463	0	0	0	0	0	0	0	1,463
1970	AN	127	150	0	0	0	0	0	0	0	150
1971	BN	84	132	0	0	0	0	0	0	0	132
1972	D	84	91	0	0	0	0	0	0	0	91
1973	AN	127	132	0	0	0	0	0	0	0	132
1974	W	204	195	-8	0	0	8	8	8	8	204
1975	W	204	290	0	0	0	0	0	0	0	290
1976	C	68	88	0	0	0	0	0	0	0	88
1977	C	68	73	0	0	0	0	0	0	0	73
1978	W	204	667	0	0	0	0	0	0	0	667
1979	AN	127	128	0	0	0	0	0	0	0	128
1980	W	127	343	0	0	0	0	0	0	0	343
1981	D	84	102	0	0	0	0	0	0	0	102
1982	W	204	588	0	0	0	0	0	0	0	588
1983	W	204	2,072	0	0	0	0	0	0	0	2,072
1984	AN	127	157	0	0	0	0	0	0	0	157
1985	D	84	103	0	0	0	0	0	0	0	103
1986	W	127	402	0	0	0	0	0	0	0	402
1987	C	42	89	0	0	0	0	0	0	0	89
1988	C	42	75	0	0	0	0	0	0	0	75
1989	C	42	75	0	0	0	0	0	0	0	75
1990	C	68	70	0	0	0	0	0	0	0	70
1991	C	68	66	-2	0	2	0	2	2	2	68
1992	C	42	66	0	0	0	0	0	0	0	66
1993	W	204	202	-2	2	0	0	0	2	2	204
1994	C	68	85	0	0	0	0	0	0	0	85
Average		116	243	-2	1	0	0	0	2	0	245
Maximum		204	2,072	0	27	6	8	8	27	0	2,072
Minimum		42	63	-27	0	0	0	0	0	0	63
Average by SJR Water Year Type											
W		184	599	0	0	0	0	0	0	0	599
AN		138	148	-5	5	0	0	0	5	0	153
BN		84	120	0	0	0	0	0	0	0	120
D		89	95	-4	3	1	0	1	4	0	99
C		53	76	0	0	0	0	0	0	0	76

Water year types are based on San Joaquin Valley Index (W: Wet; AN: Above Normal; BN: Below Normal; D: Dry; C: Critical)

Table D-11. CVP San Luis Reservoir End-of-Month Storage: Alternative 2 in TAF

Water Year	Year Type	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1922	W	364	494	680	803	873	972	972	887	701	425	299	384
1923	AN	452	585	784	856	890	909	761	524	308	134	45	66
1924	C	148	221	337	497	566	535	493	413	296	174	119	129
1925	BN	174	192	384	572	810	723	730	561	378	224	142	202
1926	D	279	379	515	702	807	775	807	769	691	466	264	297
1927	AN	324	490	620	765	968	972	949	715	483	293	146	165
1928	BN	239	377	541	684	786	916	870	625	325	233	135	164
1929	C	200	324	495	650	714	663	598	483	348	193	122	120
1930	C	161	151	393	651	795	928	876	773	537	327	135	172
1931	C	223	295	372	536	569	535	487	396	328	197	142	141
1932	AN	191	244	502	794	972	972	972	880	781	699	705	806
1933	D	927	972	972	972	972	941	900	892	778	663	560	598
1934	C	609	594	814	972	972	925	860	748	581	396	244	263
1935	AN	320	447	620	775	771	937	972	820	643	421	389	538
1936	AN	595	640	671	783	868	857	763	633	427	267	211	309
1937	W	400	458	535	657	827	972	972	941	792	640	635	702
1938	W	797	955	951	945	933	953	878	740	648	602	510	778
1939	D	856	972	972	972	972	972	910	728	457	280	135	145
1940	AN	90	125	175	413	553	684	702	571	369	203	114	153
1941	W	238	381	569	753	909	972	925	830	665	414	286	401
1942	W	472	607	778	972	972	972	949	755	631	500	353	382
1943	W	454	592	756	972	972	972	965	812	523	311	171	193
1944	BN	267	383	547	694	782	883	801	643	431	269	135	181
1945	AN	165	318	528	630	797	908	844	610	430	258	154	236
1946	AN	318	463	684	844	809	831	791	630	380	169	45	70
1947	D	162	324	491	572	659	760	692	555	391	211	135	180
1948	BN	160	259	335	500	741	828	827	593	372	197	93	126
1949	BN	191	324	498	651	689	813	675	455	261	188	135	174
1950	BN	211	324	410	521	626	755	652	476	329	284	272	330
1951	AN	363	526	785	972	972	972	897	648	407	209	94	159
1952	W	237	324	418	514	657	781	748	633	579	404	259	489
1953	BN	560	730	935	972	972	927	878	650	404	217	90	115
1954	BN	193	333	502	653	790	867	835	585	348	109	45	113
1955	D	185	324	485	628	673	694	628	495	351	178	188	210
1956	W	220	324	573	692	792	963	942	780	641	369	260	299
1957	BN	374	514	680	828	964	972	934	746	472	267	159	215
1958	W	288	425	587	729	822	967	972	856	726	574	424	490
1959	D	561	698	860	972	972	971	879	692	417	179	45	90
1960	C	135	90	51	118	200	349	268	133	45	94	135	136
1961	C	201	362	568	759	932	972	872	630	323	219	131	135
1962	BN	135	120	292	405	522	640	585	430	278	103	45	166
1963	AN	246	389	589	744	874	960	951	748	480	245	82	139
1964	D	208	343	502	637	651	713	682	565	407	233	135	178
1965	W	156	296	526	794	936	971	967	774	471	226	56	45
1966	BN	135	268	426	577	674	788	662	491	295	99	45	110
1967	W	137	299	392	484	617	723	671	565	526	553	481	534
1968	D	622	802	972	972	972	972	908	716	400	161	45	141
1969	W	213	324	410	492	620	732	786	670	593	659	513	862
1970	AN	934	972	972	972	972	972	904	653	350	216	95	161
1971	BN	238	379	548	702	809	917	889	642	397	166	45	63
1972	D	136	300	463	604	689	775	619	456	273	168	124	168
1973	AN	199	344	547	725	858	957	920	713	491	262	170	199
1974	W	273	411	575	663	757	915	780	544	337	130	45	259
1975	W	334	473	640	789	909	972	950	730	460	229	110	303
1976	C	376	514	678	821	792	804	720	579	423	266	180	188
1977	C	204	223	216	217	196	173	132	57	63	78	45	61
1978	W	97	90	239	411	617	793	735	622	563	567	482	522
1979	AN	607	756	916	972	972	972	940	795	557	404	281	307
1980	W	385	527	727	898	972	972	972	819	649	641	519	593
1981	D	667	805	970	972	972	972	905	716	427	184	58	151
1982	W	205	342	429	513	620	706	769	660	565	361	245	614
1983	W	687	859	910	858	841	867	802	677	606	587	572	668
1984	AN	884	972	972	972	972	972	940	750	449	208	49	109
1985	D	179	313	472	647	690	728	653	440	200	73	45	89
1986	W	136	202	309	424	586	749	793	668	571	324	236	271
1987	C	353	499	676	839	947	972	876	790	579	337	141	128
1988	C	117	206	311	513	489	435	403	355	270	172	95	173
1989	C	216	246	332	474	466	660	552	379	199	144	135	192
1990	C	289	305	431	624	757	804	742	634	481	323	180	174
1991	C	210	179	250	319	353	556	498	396	331	173	133	232
1992	C	291	326	412	539	773	875	797	745	552	290	120	90
1993	W	194	184	375	504	598	671	637	509	458	250	164	317
1994	C	392	531	696	843	972	971	859	666	355	106	45	88
Average		325	429	569	697	778	835	787	634	453	293	197	262
Maximum		934	972	972	972	972	972	972	941	792	699	705	862
Minimum		90	90	51	118	196	173	132	57	45	73	45	45
Average by Year Type													
W		314	428	569	693	792	880	859	724	585	438	331	455
AN		406	519	669	801	875	920	879	692	468	285	184	244
BN		240	350	508	646	764	836	778	575	357	197	112	163
D		435	567	698	786	821	843	780	639	436	254	158	204
C		258	317	440	586	656	697	627	511	357	218	131	151

Water year types are based on San Joaquin Valley Index (W: Wet; AN: Above Normal; BN: Below Normal; D: Dry; C: Critical)

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Table D-12. CVP San Luis Reservoir End-of-Month Storage: Difference in TAF (Alt 2 minus Base)

Water Year	Year Type	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1922	W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1923	AN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1924	C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1925	BN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1926	D	0.0	0.0	0.0	-0.1	0.0	-20.0	-19.9	-36.8	-16.7	-16.6	-16.5	-16.5
1927	AN	-14.6	-14.6	-14.6	-14.6	-3.8	0.0	0.0	-14.3	-14.3	-6.5	-6.5	-6.4
1928	BN	-6.4	-6.4	-6.4	-6.4	-6.4	-8.9	-8.9	-8.2	-4.7	-2.2	0.0	0.3
1929	C	0.7	0.0	0.2	0.5	0.9	0.7	0.4	-0.1	-0.1	0.0	-0.1	-0.4
1930	C	-0.6	-2.4	-2.5	-2.8	-0.9	-0.2	0.1	0.4	-0.9	1.6	0.0	0.1
1931	C	0.2	0.3	-3.2	-1.9	-1.7	-24.8	-24.6	-28.2	-22.2	-21.1	-6.8	-6.6
1932	AN	-11.9	-8.9	-8.8	-8.7	0.0	0.0	45.1	-13.4	-41.4	-41.8	-52.3	-50.7
1933	D	-44.6	0.0	0.0	0.0	0.0	0.0	0.0	-0.5	-1.8	-10.4	-10.7	-10.7
1934	C	-10.7	-10.7	-10.9	0.0	0.0	0.2	0.5	0.9	1.5	2.2	2.8	3.0
1935	AN	3.1	4.7	5.1	5.3	6.3	8.1	63.6	63.5	-0.1	-3.4	-15.9	-22.8
1936	AN	-6.1	-13.4	3.0	3.1	4.9	4.6	4.6	4.6	4.6	2.1	2.1	4.2
1937	W	4.2	-3.3	-2.1	-2.1	-2.1	0.0	0.0	0.2	0.2	0.6	1.8	1.2
1938	W	1.3	1.3	1.4	1.5	1.7	1.5	1.4	1.1	0.8	0.3	0.0	-0.2
1939	D	-0.2	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	-23.2	-10.6	0.0	-0.2
1940	AN	0.0	1.1	-0.6	-0.6	-0.6	-0.6	-0.7	-0.7	9.6	2.2	2.2	2.1
1941	W	2.1	7.6	7.6	7.6	7.5	0.0	0.0	0.0	0.0	0.0	0.0	0.1
1942	W	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.6
1943	W	0.6	0.6	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1944	BN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1945	AN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1946	AN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1947	D	0.0	0.0	0.0	0.0	0.0	-9.9	-9.4	-8.8	12.4	-4.7	0.0	0.3
1948	BN	-0.2	3.2	2.3	3.3	3.5	3.3	3.3	2.9	2.2	1.5	0.9	0.8
1949	BN	0.6	0.0	-0.1	-0.4	-0.6	-0.7	-0.6	-0.5	-0.3	-0.1	0.0	0.0
1950	BN	0.1	0.0	0.0	0.1	0.1	0.1	0.1	-8.8	-8.9	-8.8	-8.8	-8.8
1951	AN	-8.6	-8.6	-8.6	0.0	0.0	0.0	0.0	0.0	0.2	0.1	0.3	0.1
1952	W	0.1	0.0	0.0	0.0	0.0	-0.4	-0.4	-0.4	-0.1	-0.1	-0.1	0.0
1953	BN	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1954	BN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1955	D	0.0	0.0	0.0	0.0	5.5	5.2	4.8	4.3	-0.2	0.9	-1.4	-7.8
1956	W	-7.1	-7.6	-7.8	-8.0	-12.4	-9.4	-9.4	-9.4	-9.3	0.0	0.0	-4.1
1957	BN	-4.1	-4.1	-4.1	-4.1	-4.1	0.0	0.0	0.6	1.6	2.7	5.6	3.7
1958	W	3.9	4.0	4.2	4.5	4.9	6.8	0.0	0.0	0.0	0.0	0.1	2.2
1959	D	2.2	2.2	2.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
1960	C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1961	C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1962	BN	0.0	0.0	0.0	-0.1	-0.1	-0.1	-0.1	-1.9	-2.0	-2.0	0.0	-0.8
1963	AN	-0.8	-0.8	-0.8	-0.7	-0.7	-10.5	-10.5	-10.5	-35.5	-33.5	-30.5	-12.1
1964	D	-12.1	-12.1	-12.1	-12.1	-12.1	40.7	43.2	42.9	50.5	62.0	0.0	-3.4
1965	W	-7.4	-5.0	-4.4	-3.5	-2.4	0.0	0.0	0.0	0.0	-19.9	-17.9	-5.2
1966	BN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	49.7	76.1	54.4	0.0	-3.7
1967	W	-3.7	-3.7	-7.2	-12.4	-17.7	-16.7	-15.3	-13.3	-9.6	-5.6	-2.2	0.6
1968	D	1.1	1.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1969	W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1970	AN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1971	BN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1972	D	0.0	0.0	0.0	0.0	0.0	-27.9	-44.3	-44.2	-43.9	-18.8	-10.9	-1.0
1973	AN	-39.9	-39.8	-11.0	64.0	67.6	78.5	78.4	78.2	57.0	50.9	50.3	16.9
1974	W	16.9	16.8	16.9	16.9	16.9	15.6	-91.2	-91.0	-76.3	-159.4	-120.5	-8.5
1975	W	-8.5	-8.5	-8.5	-8.5	-18.7	20.1	20.1	20.1	20.0	19.9	19.7	-4.4
1976	C	-4.4	-4.4	-4.4	-4.4	0.0	-0.5	-1.3	-2.3	-4.0	-1.8	-3.9	-3.7
1977	C	-5.5	-6.2	-6.6	-7.2	-7.8	-8.1	-8.1	-7.9	-5.2	-2.4	0.0	0.0
1978	W	-13.3	-11.1	-11.1	-11.1	-11.1	-10.4	-9.3	-7.7	-5.3	-2.3	0.0	0.7
1979	AN	1.2	1.6	2.2	0.0	0.0	0.0	0.0	0.0	0.3	0.3	0.4	0.4
1980	W	0.4	0.4	0.4	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1
1981	D	-0.1	-0.1	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.0
1982	W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.1	0.1	0.0
1983	W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1984	AN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1985	D	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	0.0
1986	W	0.0	-0.1	-0.1	-0.1	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1987	C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1988	C	-0.1	-0.1	-0.2	-0.2	-0.5	-0.5	-0.5	-0.5	-0.3	-0.1	0.0	0.0
1989	C	0.0	0.1	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0
1990	C	0.0	0.8	1.1	1.1	1.1	1.1	1.1	-0.3	-0.3	-0.3	-0.5	-0.3
1991	C	-0.3	-0.3	-0.3	-0.9	-0.8	-0.8	-0.8	-0.8	-1.3	-0.6	-1.3	-1.3
1992	C	-1.3	-1.1	-0.9	-1.0	-1.0	-0.8	-0.6	-0.3	1.4	2.0	-0.8	0.0
1993	W	0.1	-0.3	-0.2	-0.1	0.6	0.3	0.3	0.3	-0.7	-0.8	-0.8	-1.8
1994	C	-1.8	-1.8	-1.8	-1.8	0.0	0.0	0.0	0.3	0.7	1.2	0.0	0.1
Average		-2.4	-1.8	-1.3	-0.1	0.2	0.5	0.1	-0.6	-1.2	-2.3	-3.0	-2.0
Maximum		16.9	16.8	16.9	64.0	67.6	78.5	78.4	78.2	76.1	62.0	50.3	16.9
Minimum		-44.6	-39.8	-14.6	-14.6	-18.7	-27.9	-91.2	-91.0	-76.3	-159.4	-120.5	-50.7
Average by Year Type													
W		-0.5	-0.4	-0.5	-0.7	-1.6	0.4	-5.2	-5.0	-4.0	-8.4	-6.0	-0.9
AN		-5.5	-5.6	-2.4	3.4	5.3	5.7	12.9	7.7	-1.4	-2.1	-3.6	-4.9
BN		-0.8	-0.6	-0.7	-0.6	-0.6	-0.5	-0.5	2.8	5.3	3.8	-0.2	-0.7
D		-4.9	-0.8	-0.9	-1.1	-0.6	-1.1	-2.3	-3.9	-2.1	0.2	-3.6	-3.6
C		-1.5	-1.6	-1.8	-1.1	-0.7	-2.1	-2.1	-2.4	-1.9	-1.2	-0.7	-0.6

Water year types are based on San Joaquin Valley Index (W: Wet; AN: Above Normal; BN: Below Normal; D: Dry; C: Critical)

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Table D-13. CVP San Luis Reservoir End-of-Month Storage: Difference in Percentage (Alt 2 minus Base)

Water Year	Year Type	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1922	W	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1923	AN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1924	C	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1925	BN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1926	D	0.0%	0.0%	0.0%	0.0%	0.0%	-2.5%	-2.4%	-4.6%	-2.4%	-3.4%	-5.9%	-5.3%
1927	AN	-4.3%	-2.9%	-2.3%	-1.9%	-0.4%	0.0%	0.0%	-2.0%	-2.9%	-2.2%	-4.2%	-3.7%
1928	BN	-2.6%	-1.7%	-1.2%	-0.9%	-0.8%	-1.0%	-1.0%	-1.3%	-1.4%	-0.9%	0.0%	0.2%
1929	C	0.3%	0.0%	0.0%	0.1%	0.1%	0.1%	0.1%	0.0%	0.0%	0.0%	-0.1%	-0.4%
1930	C	-0.4%	-1.5%	-0.6%	-0.4%	-0.1%	0.0%	0.0%	0.1%	-0.2%	0.5%	0.0%	0.0%
1931	C	0.1%	0.1%	-0.9%	-0.3%	-0.3%	-4.4%	-4.8%	-6.6%	-6.3%	-9.7%	-4.6%	-4.5%
1932	AN	-5.9%	-3.5%	-1.7%	-1.1%	0.0%	0.0%	4.9%	-1.5%	-5.0%	-5.6%	-6.9%	-5.9%
1933	D	-4.6%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%	-0.2%	-1.5%	-1.9%	-1.8%
1934	C	-1.7%	-1.8%	-1.3%	0.0%	0.0%	0.0%	0.1%	0.1%	0.3%	0.6%	1.2%	1.2%
1935	AN	1.0%	1.1%	0.8%	0.7%	0.8%	0.9%	7.0%	8.4%	0.0%	-0.8%	-3.9%	-4.1%
1936	AN	-1.0%	-2.0%	0.5%	0.4%	0.6%	0.5%	0.6%	0.7%	1.1%	0.8%	1.0%	1.4%
1937	W	1.1%	-0.7%	-0.4%	-0.3%	-0.3%	0.0%	0.0%	0.0%	0.0%	0.1%	0.3%	0.2%
1938	W	0.2%	0.1%	0.1%	0.2%	0.2%	0.2%	0.2%	0.2%	0.1%	0.1%	0.0%	0.0%
1939	D	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-4.8%	-3.6%	0.0%	-0.1%
1940	AN	0.0%	0.9%	-0.3%	-0.1%	-0.1%	-0.1%	-0.1%	-0.1%	2.7%	1.1%	1.9%	1.4%
1941	W	0.9%	2.0%	1.4%	1.0%	0.8%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1942	W	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.2%
1943	W	0.1%	0.1%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1944	BN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1945	AN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1946	AN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1947	D	0.0%	0.0%	0.0%	0.0%	0.0%	-1.3%	-1.3%	-1.6%	3.3%	-2.2%	0.0%	0.1%
1948	BN	-0.1%	1.3%	0.7%	0.7%	0.5%	0.4%	0.4%	0.5%	0.6%	0.8%	1.0%	0.6%
1949	BN	0.3%	0.0%	0.0%	-0.1%	-0.1%	-0.1%	-0.1%	-0.1%	-0.1%	-0.1%	0.0%	0.0%
1950	BN	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-1.8%	-2.6%	-3.0%	-3.1%	-2.6%
1951	AN	-2.3%	-1.6%	-1.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.3%	0.1%
1952	W	0.1%	0.0%	0.0%	0.0%	0.0%	-0.1%	-0.1%	-0.1%	0.0%	0.0%	0.0%	0.0%
1953	BN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1954	BN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1955	D	0.0%	0.0%	0.0%	0.0%	0.8%	0.8%	0.8%	0.9%	-0.1%	0.5%	-0.7%	-3.6%
1956	W	-3.1%	-2.3%	-1.3%	-1.1%	-1.5%	-1.0%	-1.0%	-1.2%	-1.4%	0.0%	0.0%	-1.3%
1957	BN	-1.1%	-0.8%	-0.6%	-0.5%	-0.4%	0.0%	0.0%	0.1%	0.3%	1.8%	3.6%	1.8%
1958	W	1.4%	1.0%	0.7%	0.6%	0.6%	0.7%	0.0%	0.0%	0.0%	0.0%	0.0%	0.5%
1959	D	0.4%	0.3%	0.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%
1960	C	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1961	C	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1962	BN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.4%	-0.7%	-1.9%	0.0%	-0.5%
1963	AN	-0.3%	-0.2%	-0.1%	-0.1%	-0.1%	-1.1%	-1.1%	-1.4%	-6.9%	-12.0%	-27.1%	-8.0%
1964	D	-5.5%	-3.4%	-2.4%	-1.9%	-1.8%	6.1%	6.8%	8.2%	14.2%	36.2%	0.0%	-1.9%
1965	W	-4.6%	-1.7%	-0.8%	-0.4%	-0.3%	0.0%	0.0%	0.0%	0.0%	-8.1%	-24.1%	-10.4%
1966	BN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	11.3%	34.8%	120.9%	0.0%	-3.3%
1967	W	-2.6%	-1.2%	-1.8%	-2.5%	-2.8%	-2.3%	-2.2%	-2.3%	-1.8%	-1.0%	-0.5%	0.1%
1968	D	0.2%	0.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1969	W	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1970	AN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1971	BN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1972	D	0.0%	0.0%	0.0%	0.0%	0.0%	-3.5%	-6.7%	-8.8%	-13.9%	-10.0%	-8.1%	-0.6%
1973	AN	-16.7%	-10.4%	-2.0%	9.7%	8.6%	8.9%	9.3%	12.3%	13.1%	24.1%	41.9%	9.3%
1974	W	6.6%	4.3%	3.0%	2.6%	2.3%	1.7%	-10.5%	-14.3%	-18.5%	-55.2%	-72.8%	-3.2%
1975	W	-2.5%	-1.8%	-1.3%	-1.1%	-2.0%	2.1%	2.2%	2.8%	4.5%	9.5%	21.9%	-1.4%
1976	C	-1.1%	-0.8%	-0.6%	-0.5%	0.0%	-0.1%	-0.2%	-0.4%	-0.9%	-0.7%	-2.1%	-1.9%
1977	C	-2.6%	-2.7%	-3.0%	-3.2%	-3.8%	-4.5%	-5.8%	-12.2%	-7.6%	-3.0%	0.0%	0.0%
1978	W	-12.1%	-11.0%	-4.4%	-2.6%	-1.8%	-1.3%	-1.2%	-1.2%	-0.9%	-0.4%	0.0%	0.1%
1979	AN	0.2%	0.2%	0.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.1%	0.1%	0.1%
1980	W	0.1%	0.1%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1981	D	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%	0.0%
1982	W	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1983	W	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1984	AN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1985	D	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1986	W	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1987	C	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1988	C	-0.1%	-0.1%	-0.1%	0.0%	-0.1%	-0.1%	-0.1%	-0.1%	-0.1%	-0.1%	0.0%	0.0%
1989	C	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%
1990	C	0.0%	0.3%	0.3%	0.2%	0.2%	0.1%	0.2%	0.0%	-0.1%	-0.1%	-0.3%	-0.2%
1991	C	-0.1%	-0.2%	-0.1%	-0.3%	-0.2%	-0.2%	-0.2%	-0.2%	-0.4%	-0.4%	-1.0%	-0.5%
1992	C	-0.4%	-0.3%	-0.2%	-0.2%	-0.1%	-0.1%	-0.1%	0.0%	0.2%	0.7%	-0.7%	0.0%
1993	W	0.0%	-0.2%	-0.1%	0.0%	0.1%	0.0%	0.0%	0.1%	-0.2%	-0.3%	-0.5%	-0.6%
1994	C	-0.4%	-0.3%	-0.3%	-0.2%	0.0%	0.0%	0.0%	0.0%	0.2%	1.1%	0.0%	0.1%
Average		-0.9%	-0.6%	-0.3%	-0.1%	0.0%	0.0%	-0.1%	-0.2%	-0.1%	1.0%	-1.3%	-0.7%
Maximum		6.6%	4.3%	3.0%	9.7%	8.6%	8.9%	9.3%	12.3%	34.8%	120.9%	41.9%	9.3%
Minimum		-16.7%	-11.0%	-4.4%	-3.2%	-3.8%	-4.5%	-10.5%	-14.3%	-18.5%	-55.2%	-72.8%	-10.4%
Average by Year Type													
W		-0.7%	-0.6%	-0.2%	-0.2%	-0.2%	0.0%	-0.6%	-0.8%	-0.9%	-2.8%	-3.8%	-0.8%
AN		-2.1%	-1.3%	-0.4%	0.5%	0.7%	0.7%	1.5%	1.2%	0.2%	0.4%	0.2%	-0.7%
BN		-0.3%	-0.1%	-0.1%	-0.1%	-0.1%	-0.1%	-0.1%	0.7%	2.6%	9.7%	0.1%	-0.3%
D		-0.9%	-0.3%	-0.2%	-0.2%	-0.1%	0.0%	-0.3%	-0.5%	-0.4%	1.4%	-1.5%	-1.2%
C		-0.4%	-0.5%	-0.4%	-0.3%	-0.3%	-0.6%	-0.7%	-1.2%	-0.9%	-0.7%	-0.5%	-0.4%

Water year types are based on San Joaquin Valley Index (W: Wet; AN: Above Normal; BN: Below Normal; D: Dry; C: Critical)

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Table D-14. SWP San Luis Reservoir End-of-Month Storage: Alternative 2 in TAF

Water Year	Year Type	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1922	W	165	104	167	488	781	918	805	603	629	606	567	599
1923	AN	759	793	881	1,007	980	914	799	551	336	200	165	280
1924	C	267	170	161	298	413	343	268	284	190	110	162	166
1925	BN	220	285	433	584	785	687	727	707	898	733	649	803
1926	D	844	833	874	1,010	1,067	1,022	993	791	574	468	335	169
1927	AN	125	304	356	518	747	828	732	513	585	293	264	408
1928	BN	396	460	666	952	1,067	1,067	978	695	571	288	166	155
1929	C	143	127	173	359	472	483	429	439	356	238	160	133
1930	C	150	110	315	538	645	804	685	539	562	545	498	395
1931	C	341	198	137	295	334	307	224	234	157	110	110	114
1932	AN	110	110	324	565	759	839	761	758	811	672	567	611
1933	D	687	728	777	1,014	900	946	872	832	700	543	388	313
1934	C	357	310	453	647	839	804	698	679	665	512	464	403
1935	AN	390	435	542	764	876	1,051	967	596	297	161	124	110
1936	AN	110	55	55	344	746	924	798	550	469	426	314	284
1937	W	244	119	56	229	622	893	750	540	336	189	173	183
1938	W	265	431	683	756	878	923	784	593	644	634	603	677
1939	D	867	947	1,067	1,067	1,067	1,067	864	644	335	173	145	110
1940	AN	110	55	55	240	645	773	660	406	221	187	155	221
1941	W	164	79	262	634	928	1,067	1,013	861	631	669	694	806
1942	W	1,019	1,067	1,067	1,067	948	1,048	947	733	714	350	325	525
1943	W	701	860	1,067	1,067	947	1,043	903	695	613	342	321	424
1944	BN	482	349	322	512	648	712	490	264	74	55	55	143
1945	AN	129	246	284	458	824	949	768	508	299	266	176	162
1946	AN	224	265	321	642	452	604	451	226	65	55	55	157
1947	D	140	118	285	387	523	662	534	364	195	148	124	110
1948	BN	110	110	72	261	204	329	400	182	171	167	193	362
1949	BN	318	201	265	360	439	633	544	421	359	220	262	311
1950	BN	194	127	113	319	643	719	579	339	279	245	253	407
1951	AN	482	638	713	950	1,067	1,067	901	645	341	233	176	190
1952	W	189	203	407	772	1,067	1,067	956	821	995	842	752	857
1953	BN	1,061	1,067	1,067	1,067	1,048	1,067	925	622	588	370	325	376
1954	BN	528	671	639	917	940	995	879	567	354	201	145	150
1955	D	136	133	314	680	660	660	581	527	497	406	259	401
1956	W	390	457	641	715	860	957	814	572	649	553	496	547
1957	BN	716	654	588	768	832	926	810	597	489	310	186	191
1958	W	369	517	556	873	1,067	1,067	922	712	718	389	368	646
1959	D	824	823	913	1,067	922	736	554	327	154	122	99	110
1960	C	110	55	110	345	552	752	605	529	570	486	369	340
1961	C	290	324	448	609	899	991	835	641	513	189	133	110
1962	BN	110	110	163	236	640	883	713	432	198	140	95	110
1963	AN	272	361	411	696	917	969	852	608	442	237	187	361
1964	D	529	681	730	1,005	882	760	615	394	153	117	97	116
1965	W	110	164	239	402	667	668	614	431	350	200	225	428
1966	BN	436	618	884	1,067	1,067	1,067	848	609	428	269	165	79
1967	W	88	185	439	797	1,066	1,067	903	706	745	724	704	964
1968	D	1,067	1,067	1,067	1,067	1,067	1,067	927	702	412	247	165	145
1969	W	128	124	327	506	832	1,067	1,060	880	1,002	667	689	782
1970	AN	978	1,067	1,067	1,067	1,067	1,067	914	664	483	202	162	140
1971	BN	129	277	481	747	543	745	612	304	241	172	116	183
1972	D	338	296	457	737	767	978	780	599	476	291	263	219
1973	AN	231	423	517	841	975	1,067	941	718	595	461	366	353
1974	W	471	623	822	1,067	1,067	1,067	803	560	554	430	379	500
1975	W	670	699	897	1,067	1,067	1,067	967	739	672	625	559	602
1976	C	767	896	1,067	1,067	996	978	809	615	448	165	144	110
1977	C	110	74	55	61	56	58	55	55	110	110	55	63
1978	W	55	74	263	486	782	823	778	666	916	527	664	746
1979	AN	851	757	633	996	901	1,004	884	671	520	379	370	337
1980	W	411	416	481	853	1,067	1,067	1,010	849	803	451	493	681
1981	D	874	779	836	1,067	948	1,027	868	637	370	239	165	130
1982	W	115	267	463	586	859	968	824	626	677	654	620	691
1983	W	876	1,042	1,067	1,067	1,067	1,067	1,067	939	1,023	1,067	1,067	1,067
1984	AN	1,067	1,067	1,057	1,067	1,067	1,067	950	724	529	312	197	165
1985	D	229	376	572	659	666	628	428	174	55	55	55	55
1986	W	55	55	55	394	777	965	877	661	645	644	629	706
1987	C	861	738	701	919	998	876	636	438	167	158	119	110
1988	C	55	55	55	293	261	210	214	253	361	274	194	171
1989	C	162	257	352	482	445	659	452	262	116	138	132	110
1990	C	110	55	55	382	404	503	420	429	348	233	144	154
1991	C	172	110	134	157	165	390	342	291	348	242	174	147
1992	C	167	113	155	250	465	588	580	589	541	425	339	414
1993	W	433	370	530	758	909	993	891	654	689	627	561	556
1994	C	681	542	545	688	762	585	408	199	55	55	55	94
Average		394	415	496	681	785	844	729	551	467	346	303	342
Maximum		1,067	1,067	1,067	1,067	1,067	1,067	1,067	939	1,023	1,067	1,067	1,067
Minimum		55	55	55	61	56	58	55	55	55	55	55	55
Average by Year Type													
W		346	393	524	729	913	990	884	692	700	560	545	649
AN		417	470	516	725	859	937	813	581	428	292	234	270
BN		392	411	474	649	738	819	709	478	387	264	217	272
D		594	617	718	887	861	868	729	545	356	255	190	171
C		296	258	307	462	544	583	479	405	344	249	203	190

Water year types are based on San Joaquin Valley Index (W: Wet; AN: Above Normal; BN: Below Normal; D: Dry; C: Critical)

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Table D-15. SWP San Luis Reservoir End-of-Month Storage: Difference in TAF (Alt 2 minus Base)

Water Year	Year Type	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1922	W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1923	AN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1924	C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1925	BN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1926	D	0.0	0.0	0.0	0.0	0.0	19.4	16.4	14.0	14.8	6.8	5.2	2.9
1927	AN	-0.7	-2.3	-3.7	-3.1	0.0	-0.1	-0.1	-0.2	2.6	-1.2	-1.4	3.4
1928	BN	3.3	2.3	2.2	1.7	0.0	0.0	0.0	0.0	6.4	5.7	1.1	0.2
1929	C	0.0	0.0	-0.2	-0.8	-0.7	-0.7	-0.7	-0.7	3.0	2.8	-0.6	-0.9
1930	C	-0.4	0.0	0.0	0.0	-1.3	-1.3	-1.2	-1.2	7.7	8.5	8.9	8.9
1931	C	8.9	9.0	12.6	13.7	13.6	14.9	14.7	14.5	10.3	0.0	0.0	-0.2
1932	AN	0.0	0.0	-0.1	-0.2	-9.6	0.0	-0.1	-1.3	32.0	32.8	-13.2	-14.3
1933	D	-21.0	-65.4	-66.2	-53.0	-65.9	-67.9	-70.7	-74.3	-35.6	-32.8	-21.2	-24.8
1934	C	-27.2	-29.6	-32.0	-28.0	4.2	2.0	-0.6	-4.0	-24.7	-29.1	-21.3	-24.6
1935	AN	-26.8	-29.5	-31.2	-31.2	0.7	-1.4	109.1	105.8	-129.4	-37.7	1.7	0.0
1936	AN	0.0	0.0	0.0	-3.5	-3.9	-2.8	-2.7	-5.1	-8.3	-11.8	-15.2	-16.4
1937	W	-15.9	2.0	0.9	0.9	0.8	0.7	1.2	1.6	-2.1	-3.6	-5.0	-7.0
1938	W	-9.4	-9.6	-9.7	-9.7	2.3	2.3	2.2	2.2	2.2	2.2	2.2	2.2
1939	D	2.2	2.6	0.0	0.0	0.0	0.0	0.1	0.1	0.0	-1.7	-1.6	0.0
1940	AN	0.0	0.0	0.0	0.4	0.8	0.4	0.3	0.1	-33.4	-1.5	-1.5	-22.0
1941	W	-27.3	-29.9	-30.0	-28.6	-28.7	0.0	-0.1	-0.2	-0.4	-0.5	-0.6	-0.8
1942	W	-0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.0
1943	W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1944	BN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1945	AN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1946	AN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1947	D	0.0	0.0	0.0	0.0	0.0	-4.4	-4.1	-3.7	-29.1	0.0	-0.8	0.0
1948	BN	0.0	0.0	-0.4	0.2	0.4	0.6	0.7	1.2	7.9	8.5	9.2	5.2
1949	BN	5.6	5.5	5.8	5.5	5.4	5.3	4.9	4.4	3.7	2.6	1.5	0.9
1950	BN	0.5	0.1	-0.2	-0.1	0.0	0.2	0.3	0.5	0.3	0.5	0.7	-0.6
1951	AN	-0.5	-0.4	-0.3	0.0	0.0	0.0	0.0	0.0	-1.1	0.8	0.7	-1.0
1952	W	-1.0	-0.9	-0.9	-0.9	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1
1953	BN	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1954	BN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1955	D	0.0	0.0	0.0	0.0	8.0	7.3	7.0	6.0	4.4	3.2	2.2	1.1
1956	W	1.3	-1.8	-2.3	0.3	0.3	0.3	0.3	0.3	9.4	1.7	1.7	1.7
1957	BN	1.7	1.7	1.7	0.6	0.6	0.6	0.6	0.6	4.6	4.6	2.8	2.8
1958	W	2.8	3.0	2.8	2.6	0.0	0.0	0.0	0.0	-6.7	-6.7	-6.7	0.1
1959	D	0.1	0.1	0.2	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.0	0.0
1960	C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1961	C	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.0	0.0
1962	BN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1	1.5	0.0	0.0	0.0
1963	AN	0.0	0.0	0.0	-0.1	-0.1	18.2	18.1	18.1	19.6	31.3	22.2	3.3
1964	D	3.8	3.8	3.7	2.5	2.5	7.9	8.0	6.4	-8.6	-10.5	-12.3	2.1
1965	W	0.0	6.1	5.1	5.2	5.2	5.4	5.6	5.7	-40.9	0.3	-1.0	9.8
1966	BN	10.4	10.6	10.7	0.0	0.0	0.0	0.0	0.0	-18.8	2.1	0.0	0.3
1967	W	0.3	-0.3	-0.3	0.6	0.6	0.0	-0.1	-0.1	-0.8	-1.2	-1.8	-0.4
1968	D	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.0
1969	W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1970	AN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1971	BN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1972	D	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	1.3	1.8	-23.8
1973	AN	-8.1	-8.1	-147.2	41.2	41.2	36.6	41.0	40.8	13.1	19.5	19.0	18.8
1974	W	18.7	18.6	18.5	0.0	0.0	0.0	-135.7	-135.3	-164.9	56.6	46.1	-0.1
1975	W	-0.1	-38.7	-43.1	0.0	0.0	154.4	165.3	164.8	105.1	128.0	127.5	127.1
1976	C	126.9	110.1	87.2	0.0	5.9	5.9	4.7	3.2	-4.2	0.0	-1.1	0.0
1977	C	0.0	-1.1	0.0	-1.2	-1.2	-1.2	0.0	0.0	0.0	0.0	0.0	0.0
1978	W	0.0	1.0	-2.0	-2.0	2.9	2.9	2.9	2.8	-1.7	-1.8	-0.1	-0.1
1979	AN	-0.1	-0.2	-0.8	-0.8	-0.8	-0.8	-0.8	-0.8	8.4	8.4	-0.1	-0.2
1980	W	-0.3	-0.5	-0.5	-0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1981	D	0.0	-0.1	-0.3	0.0	-0.4	-0.4	-0.5	-0.5	-0.5	-0.3	0.0	-0.1
1982	W	0.0	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
1983	W	-0.1	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1984	AN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.0
1985	D	0.0	0.0	0.0	-0.1	-0.1	-0.1	-0.1	-0.1	0.0	0.0	0.0	0.0
1986	W	0.0	0.0	0.0	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
1987	C	-0.1	-0.2	-0.2	-0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1988	C	0.0	0.0	0.0	0.0	-0.2	-0.1	-0.1	-0.1	1.0	1.0	1.0	1.0
1989	C	0.9	0.9	0.9	0.9	0.9	1.0	1.0	1.1	1.2	1.2	-0.1	0.0
1990	C	0.0	0.0	0.0	0.4	0.3	0.3	0.3	0.3	0.3	0.3	-0.3	-0.3
1991	C	-0.2	-0.2	-0.2	-1.2	0.3	0.3	0.3	0.3	1.0	0.9	-0.1	-0.2
1992	C	-0.3	-0.3	-0.1	-0.1	-0.1	-0.1	-0.2	-0.3	0.6	0.4	-1.0	-1.1
1993	W	-0.8	-0.8	-0.9	-0.9	-1.0	-1.0	-1.0	-1.0	0.5	0.6	0.6	0.6
1994	C	0.5	0.6	0.5	0.5	0.5	0.5	0.5	0.4	0.0	0.0	0.0	0.5
Average		0.6	-0.6	-3.0	-1.2	-0.2	2.8	2.6	2.3	-3.4	2.6	2.0	0.7
Maximum		126.9	110.1	87.2	41.2	41.2	154.4	165.3	164.8	105.1	128.0	127.5	127.1
Minimum		-27.3	-65.4	-147.2	-53.0	-65.9	-67.9	-135.7	-135.3	-164.9	-37.7	-21.3	-24.8
Average by Year Type													
W		-1.6	-2.6	-3.1	-1.7	-0.9	8.2	2.0	2.0	-5.0	8.8	8.1	6.6
AN		-2.6	-2.9	-13.1	0.2	2.0	3.6	11.8	11.2	-6.9	2.9	0.9	-2.0
BN		1.8	1.7	1.7	0.7	0.5	0.6	0.5	0.6	0.5	2.0	1.3	0.7
D		-1.4	-5.4	-5.7	-4.6	-5.1	-3.5	-4.0	-4.7	-4.9	-3.1	-2.4	-3.9
C		6.8	5.6	4.3	-1.0	1.4	1.3	1.2	0.8	-0.2	-0.9	-0.9	-1.1

Water year types are based on San Joaquin Valley Index (W: Wet; AN: Above Normal; BN: Below Normal; D: Dry; C: Critical)

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Table D-16. SWP San Luis Reservoir End-of-Month Storage: Difference in Percentage (Alt 2 minus Base)

Water Year	Year Type	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1922	W	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1923	AN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1924	C	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1925	BN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1926	D	0.0%	0.0%	0.0%	0.0%	0.0%	1.9%	1.7%	1.8%	2.6%	1.5%	1.6%	1.7%
1927	AN	-0.6%	-0.7%	-1.0%	-0.6%	0.0%	0.0%	0.0%	0.0%	0.4%	-0.4%	-0.5%	0.8%
1928	BN	0.8%	0.5%	0.3%	0.2%	0.0%	0.0%	0.0%	0.0%	1.1%	2.0%	0.7%	0.1%
1929	C	0.0%	0.0%	-0.1%	-0.2%	-0.2%	-0.2%	-0.2%	-0.1%	0.8%	1.2%	-0.4%	-0.6%
1930	C	-0.3%	0.0%	0.0%	0.0%	-0.2%	-0.2%	-0.2%	-0.2%	1.4%	1.6%	1.8%	2.3%
1931	C	2.7%	4.7%	10.2%	4.9%	4.2%	5.1%	7.0%	6.6%	7.0%	0.0%	0.0%	-0.2%
1932	AN	0.0%	0.0%	0.0%	0.0%	-1.2%	0.0%	0.0%	-0.2%	4.1%	5.1%	-2.3%	-2.3%
1933	D	-3.0%	-8.2%	-7.8%	-5.0%	-6.8%	-6.7%	-7.5%	-8.2%	-4.8%	-5.7%	-5.2%	-7.3%
1934	C	-7.1%	-8.7%	-6.6%	-4.1%	0.5%	0.2%	-0.1%	-0.6%	-3.6%	-5.4%	-4.4%	-5.7%
1935	AN	-6.4%	-6.3%	-5.4%	-3.9%	0.1%	-0.1%	12.7%	21.6%	-30.3%	-19.0%	1.4%	0.0%
1936	AN	0.0%	0.0%	0.0%	-1.0%	-0.5%	-0.3%	-0.3%	-0.9%	-1.7%	-2.7%	-4.6%	-5.5%
1937	W	-6.1%	1.7%	1.7%	0.4%	0.1%	0.1%	0.2%	0.3%	-0.6%	-1.9%	-2.8%	-3.7%
1938	W	-3.4%	-2.2%	-1.4%	-1.3%	0.3%	0.2%	0.3%	0.4%	0.3%	0.4%	0.4%	0.3%
1939	D	0.3%	0.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-1.0%	-1.1%	0.0%
1940	AN	0.0%	0.0%	0.0%	0.2%	0.1%	0.0%	0.0%	0.0%	-13.1%	-0.8%	-1.0%	-9.1%
1941	W	-14.3%	-27.6%	-10.3%	-4.3%	-3.0%	0.0%	0.0%	0.0%	-0.1%	-0.1%	-0.1%	-0.1%
1942	W	-0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1943	W	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1944	BN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1945	AN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1946	AN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1947	D	0.0%	0.0%	0.0%	0.0%	0.0%	-0.7%	-0.8%	-1.0%	-13.0%	0.0%	-0.6%	0.0%
1948	BN	0.0%	0.0%	-0.6%	0.1%	0.2%	0.2%	0.2%	0.7%	4.8%	5.4%	5.0%	1.5%
1949	BN	1.8%	2.8%	2.2%	1.5%	1.2%	0.9%	0.9%	1.1%	1.0%	1.2%	0.6%	0.3%
1950	BN	0.2%	0.1%	-0.1%	0.0%	0.0%	0.0%	0.1%	0.1%	0.1%	0.2%	0.3%	-0.1%
1951	AN	-0.1%	-0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.3%	0.4%	0.4%	-0.5%
1952	W	-0.5%	-0.4%	-0.2%	-0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1953	BN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1954	BN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1955	D	0.0%	0.0%	0.0%	0.0%	1.2%	1.1%	1.2%	1.1%	0.9%	0.8%	0.8%	0.3%
1956	W	0.3%	-0.4%	-0.4%	0.0%	0.0%	0.0%	0.0%	0.1%	1.5%	0.3%	0.4%	0.3%
1957	BN	0.2%	0.3%	0.3%	0.1%	0.1%	0.1%	0.1%	0.1%	1.0%	1.5%	1.5%	1.5%
1958	W	0.8%	0.6%	0.5%	0.3%	0.0%	0.0%	0.0%	0.0%	-0.9%	-1.7%	-1.8%	0.0%
1959	D	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1960	C	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1961	C	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1962	BN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.2%	0.8%	0.0%	0.0%	0.0%
1963	AN	0.0%	0.0%	0.0%	0.0%	0.0%	1.9%	2.2%	3.1%	4.6%	15.2%	13.5%	0.9%
1964	D	0.7%	0.6%	0.5%	0.2%	0.3%	1.0%	1.3%	1.7%	-5.3%	-8.2%	-11.3%	1.9%
1965	W	0.0%	3.9%	2.2%	1.3%	0.8%	0.8%	0.9%	1.3%	-10.5%	0.1%	-0.5%	2.3%
1966	BN	2.4%	1.7%	1.2%	0.0%	0.0%	0.0%	0.0%	0.0%	-4.2%	0.8%	0.0%	0.3%
1967	W	0.3%	-0.2%	-0.1%	0.1%	0.1%	0.0%	0.0%	0.0%	-0.1%	-0.2%	-0.3%	0.0%
1968	D	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%	0.0%	0.0%
1969	W	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1970	AN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1971	BN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1972	D	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.4%	0.7%	-9.8%
1973	AN	-3.4%	-1.9%	-22.2%	5.2%	4.4%	3.6%	4.6%	6.0%	2.2%	4.4%	5.5%	5.6%
1974	W	4.1%	3.1%	2.3%	0.0%	0.0%	0.0%	-14.5%	-19.5%	-22.9%	15.2%	13.9%	0.0%
1975	W	0.0%	-5.2%	-4.6%	0.0%	0.0%	16.9%	20.6%	28.7%	18.5%	25.8%	29.5%	26.8%
1976	C	19.8%	14.0%	8.9%	0.0%	0.6%	0.6%	0.6%	0.5%	-0.9%	0.0%	-0.7%	0.0%
1977	C	0.0%	-1.4%	0.0%	-1.9%	-2.1%	-2.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1978	W	0.0%	1.4%	-0.8%	-0.4%	0.4%	0.4%	0.4%	0.4%	-0.2%	-0.3%	0.0%	0.0%
1979	AN	0.0%	0.0%	-0.1%	-0.1%	-0.1%	-0.1%	-0.1%	-0.1%	1.6%	2.3%	0.0%	-0.1%
1980	W	-0.1%	-0.1%	-0.1%	-0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1981	D	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%	-0.1%	-0.1%	-0.1%	0.0%	0.0%
1982	W	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1983	W	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1984	AN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1985	D	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1986	W	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1987	C	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1988	C	0.0%	0.0%	0.0%	0.0%	-0.1%	-0.1%	-0.1%	-0.1%	0.3%	0.4%	0.5%	0.6%
1989	C	0.6%	0.4%	0.3%	0.2%	0.2%	0.1%	0.2%	0.4%	1.0%	0.9%	-0.1%	0.0%
1990	C	0.0%	0.0%	0.0%	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%	-0.2%	-0.2%
1991	C	-0.1%	-0.2%	-0.2%	-0.8%	0.2%	0.1%	0.1%	0.1%	0.3%	0.4%	-0.1%	-0.1%
1992	C	-0.2%	-0.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.1%	-0.3%	-0.3%
1993	W	-0.2%	-0.2%	-0.2%	-0.1%	-0.1%	-0.1%	-0.1%	-0.1%	0.1%	0.1%	0.1%	0.1%
1994	C	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%	0.2%	0.0%	0.0%	0.0%	0.5%
Average		-0.1%	-0.4%	-0.4%	-0.1%	0.0%	0.3%	0.4%	0.6%	-0.8%	0.6%	0.6%	0.0%
Maximum		19.8%	14.0%	10.2%	5.2%	4.4%	16.9%	20.6%	28.7%	18.5%	25.8%	29.5%	26.8%
Minimum		-14.3%	-27.6%	-22.2%	-5.0%	-6.8%	-6.7%	-14.5%	-19.5%	-30.3%	-19.0%	-11.3%	-9.8%
Average by Year Type													
W		-1.0%	-1.3%	-0.6%	-0.2%	-0.1%	0.9%	0.4%	0.6%	-0.7%	1.9%	1.9%	1.3%
AN		-0.8%	-0.6%	-2.1%	0.0%	0.2%	0.4%	1.4%	2.1%	-2.3%	0.3%	0.9%	-0.7%
BN		0.5%	0.4%	0.3%	0.2%	0.1%	0.1%	0.1%	0.2%	0.4%	0.9%	0.7%	0.3%
D		-0.2%	-0.7%	-0.7%	-0.4%	-0.5%	-0.3%	-0.4%	-0.4%	-1.8%	-1.1%	-1.4%	-1.2%
C		1.0%	0.5%	0.8%	-0.1%	0.2%	0.2%	0.5%	0.4%	0.4%	0.0%	-0.2%	-0.2%

Water year types are based on San Joaquin Valley Index (W: Wet; AN: Above Normal; BN: Below Normal; D: Dry; C: Critical)

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Table D-17. New Melones Reservoir End-of-Month Storage: Alternative 2 in TAF

Water Year	Year Type	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1922	W	992	1,012	1,049	1,088	1,197	1,265	1,237	1,404	1,687	1,625	1,516	1,406
1923	AN	1,376	1,397	1,469	1,535	1,587	1,620	1,607	1,691	1,755	1,690	1,578	1,477
1924	C	1,461	1,465	1,481	1,498	1,511	1,511	1,454	1,362	1,307	1,214	1,129	1,056
1925	BN	1,038	1,051	1,074	1,097	1,234	1,318	1,320	1,435	1,514	1,459	1,362	1,269
1926	D	1,258	1,266	1,277	1,291	1,365	1,408	1,422	1,363	1,309	1,183	1,088	994
1927	AN	990	1,011	1,069	1,123	1,262	1,336	1,391	1,478	1,601	1,522	1,427	1,340
1928	BN	1,330	1,368	1,398	1,418	1,469	1,637	1,620	1,665	1,644	1,536	1,428	1,334
1929	C	1,325	1,336	1,348	1,360	1,378	1,385	1,347	1,300	1,265	1,159	1,075	987
1930	C	979	989	1,004	1,031	1,072	1,132	1,135	1,079	1,091	982	892	796
1931	C	796	816	830	849	868	883	852	779	751	671	602	556
1932	AN	546	559	609	649	760	800	785	931	1,097	1,055	977	883
1933	D	877	887	910	929	947	960	933	892	931	841	757	700
1934	C	706	725	748	779	800	828	795	718	686	598	519	467
1935	AN	455	461	475	515	540	589	647	837	983	919	838	744
1936	AN	758	787	800	856	1,033	1,116	1,208	1,356	1,458	1,382	1,290	1,194
1937	W	1,186	1,202	1,224	1,255	1,353	1,447	1,434	1,585	1,658	1,568	1,471	1,367
1938	W	1,352	1,366	1,455	1,537	1,719	1,924	2,022	2,295	2,420	2,410	2,303	2,195
1939	D	1,970	1,970	1,970	1,970	1,970	1,993	1,923	1,773	1,702	1,566	1,431	1,314
1940	AN	1,295	1,296	1,304	1,407	1,545	1,701	1,745	1,855	1,895	1,790	1,682	1,576
1941	W	1,550	1,559	1,598	1,652	1,739	1,837	1,799	1,933	2,031	1,970	1,863	1,749
1942	W	1,714	1,719	1,766	1,855	1,933	1,987	2,002	2,121	2,303	2,250	2,135	2,022
1943	W	1,946	1,969	1,970	1,970	1,970	2,030	2,105	2,150	2,201	2,107	1,996	1,877
1944	BN	1,838	1,840	1,844	1,849	1,863	1,899	1,805	1,721	1,722	1,606	1,476	1,364
1945	AN	1,351	1,389	1,418	1,457	1,589	1,663	1,626	1,699	1,821	1,739	1,619	1,515
1946	AN	1,490	1,521	1,608	1,673	1,731	1,779	1,788	1,858	1,882	1,773	1,661	1,564
1947	D	1,546	1,569	1,589	1,605	1,633	1,681	1,636	1,555	1,496	1,363	1,263	1,170
1948	BN	1,168	1,176	1,187	1,202	1,217	1,243	1,250	1,277	1,418	1,345	1,256	1,165
1949	BN	1,157	1,175	1,193	1,201	1,234	1,279	1,270	1,298	1,319	1,227	1,135	1,043
1950	BN	1,029	1,030	1,043	1,100	1,174	1,239	1,263	1,379	1,481	1,403	1,312	1,216
1951	AN	1,206	1,488	1,879	1,970	1,970	2,030	1,997	1,982	1,968	1,869	1,768	1,664
1952	W	1,642	1,657	1,710	1,849	1,941	2,030	2,063	2,366	2,420	2,420	2,326	2,209
1953	BN	1,970	1,970	1,970	1,970	1,970	2,007	1,940	1,857	1,955	1,890	1,781	1,677
1954	BN	1,652	1,663	1,676	1,691	1,718	1,783	1,772	1,811	1,800	1,690	1,576	1,471
1955	D	1,448	1,460	1,480	1,512	1,536	1,566	1,525	1,472	1,482	1,361	1,262	1,159
1956	W	1,153	1,170	1,420	1,680	1,811	1,899	1,885	2,009	2,150	2,084	1,975	1,878
1957	BN	1,848	1,858	1,870	1,886	1,924	1,983	1,880	1,862	1,931	1,833	1,731	1,618
1958	W	1,566	1,580	1,587	1,637	1,716	1,857	1,937	2,211	2,395	2,322	2,209	2,085
1959	D	1,970	1,970	1,970	1,970	1,970	2,003	1,913	1,755	1,689	1,558	1,425	1,318
1960	C	1,296	1,303	1,309	1,318	1,362	1,417	1,397	1,326	1,283	1,162	1,074	966
1961	C	933	956	979	994	1,014	1,036	1,011	951	902	820	761	711
1962	BN	689	702	717	733	800	832	855	891	982	921	834	738
1963	AN	767	799	800	858	988	1,043	1,050	1,254	1,384	1,321	1,233	1,146
1964	D	1,137	1,173	1,198	1,243	1,275	1,305	1,277	1,220	1,204	1,092	1,005	902
1965	W	889	916	1,155	1,360	1,475	1,542	1,588	1,666	1,800	1,755	1,667	1,567
1966	BN	1,534	1,569	1,604	1,643	1,678	1,718	1,666	1,657	1,609	1,496	1,389	1,283
1967	W	1,271	1,287	1,372	1,479	1,551	1,657	1,683	1,877	2,194	2,228	2,124	2,012
1968	D	1,944	1,952	1,962	1,970	1,970	2,011	1,915	1,819	1,763	1,626	1,486	1,362
1969	W	1,349	1,377	1,389	1,670	1,870	2,017	2,146	2,420	2,420	2,410	2,295	2,163
1970	AN	1,970	1,970	1,970	1,970	1,970	2,030	1,957	1,950	1,990	1,879	1,762	1,663
1971	BN	1,641	1,670	1,736	1,793	1,839	1,894	1,824	1,808	1,898	1,810	1,694	1,593
1972	D	1,565	1,584	1,632	1,670	1,697	1,753	1,680	1,668	1,617	1,483	1,351	1,235
1973	AN	1,225	1,240	1,275	1,391	1,535	1,641	1,607	1,713	1,784	1,684	1,575	1,477
1974	W	1,456	1,507	1,586	1,703	1,785	1,924	1,979	2,099	2,158	2,070	1,960	1,846
1975	W	1,814	1,828	1,850	1,875	1,941	2,030	1,979	2,004	2,173	2,090	1,982	1,866
1976	C	1,837	1,858	1,875	1,882	1,899	1,911	1,833	1,715	1,634	1,516	1,397	1,294
1977	C	1,282	1,289	1,291	1,286	1,283	1,275	1,221	1,137	1,114	1,033	964	889
1978	W	858	854	878	958	1,050	1,196	1,255	1,384	1,531	1,498	1,408	1,333
1979	AN	1,317	1,337	1,363	1,438	1,560	1,685	1,659	1,770	1,796	1,688	1,583	1,483
1980	W	1,466	1,486	1,504	1,813	1,970	2,030	2,043	2,088	2,198	2,153	2,039	1,926
1981	D	1,906	1,912	1,929	1,970	1,970	2,003	1,925	1,791	1,704	1,563	1,434	1,332
1982	W	1,321	1,381	1,513	1,704	1,970	2,030	2,220	2,353	2,420	2,403	2,300	2,214
1983	W	1,970	1,970	1,970	1,970	1,970	2,030	2,040	2,174	2,420	2,420	2,394	2,270
1984	AN	1,970	1,970	1,970	1,970	1,970	2,030	1,955	1,949	1,959	1,865	1,763	1,677
1985	D	1,663	1,701	1,739	1,755	1,793	1,836	1,794	1,735	1,620	1,488	1,361	1,260
1986	W	1,249	1,267	1,289	1,371	1,841	2,030	2,039	2,065	2,136	2,026	1,923	1,829
1987	C	1,804	1,816	1,829	1,824	1,829	1,850	1,778	1,640	1,564	1,456	1,352	1,272
1988	C	1,248	1,240	1,237	1,244	1,258	1,273	1,229	1,152	1,121	1,045	997	912
1989	C	891	884	886	893	912	1,000	993	954	941	852	778	736
1990	C	759	776	800	800	816	850	806	715	685	596	540	496
1991	C	490	495	517	521	528	572	519	500	489	414	344	309
1992	C	317	326	350	368	422	469	445	366	297	223	149	116
1993	W	106	108	132	281	388	556	579	726	819	833	775	734
1994	C	761	796	805	846	876	900	845	773	744	646	574	533
Average		1,296	1,315	1,352	1,404	1,470	1,535	1,522	1,554	1,597	1,514	1,416	1,323
Maximum		1,970	1,970	1,970	1,970	1,970	2,030	2,220	2,420	2,420	2,420	2,394	2,270
Minimum		106	108	132	281	388	469	445	366	297	223	149	116
Average by Year Type													
W		1,342	1,361	1,421	1,535	1,659	1,766	1,802	1,947	2,077	2,032	1,933	1,827
AN		1,194	1,230	1,286	1,344	1,431	1,505	1,502	1,595	1,669	1,584	1,483	1,386
BN		1,408	1,423	1,442	1,466	1,510	1,569	1,539	1,555	1,606	1,518	1,414	1,314
D		1,571	1,586	1,605	1,626	1,648	1,683	1,631	1,549	1,501	1,375	1,260	1,159
C		1,055	1,067	1,081	1,093	1,114	1,143	1,104	1,029	992	899	822	756

Water year types are based on San Joaquin Valley Index (W: Wet; AN: Above Normal; BN: Below Normal; D: Dry; C: Critical)

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Table D-18. New Melones Reservoir End-of-Month Storage: Difference in TAF (Alt 2 minus Base)

Water Year	Year Type	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1922	W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1923	AN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1924	C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1925	BN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1926	D	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1927	AN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1928	BN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1
1929	C	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0
1930	C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1931	C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1932	AN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1933	D	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1934	C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0
1935	AN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1936	AN	-11.6	-11.5	0.0	-11.5	-11.5	-11.5	-11.2	-10.9	-10.7	-10.5	-10.2	-10.1
1937	W	-10.0	-10.0	-10.0	-10.0	-10.0	-9.8	-8.8	-4.7	-4.6	-4.5	-4.3	-4.2
1938	W	-3.9	-3.8	-3.6	-3.5	-3.5	-3.5	-3.5	-3.5	0.0	0.0	0.0	0.0
1939	D	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1940	AN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1941	W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1942	W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1943	W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1944	BN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1945	AN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1946	AN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1947	D	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1
1948	BN	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0
1949	BN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1950	BN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1951	AN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1952	W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1953	BN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1954	BN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1955	D	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	-0.1	-0.1
1956	W	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	0.0	0.0
1957	BN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1958	W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1959	D	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1960	C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1961	C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1962	BN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1963	AN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1964	D	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.2
1965	W	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
1966	BN	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	-0.4	-1.0	-1.5	-1.5
1967	W	-1.5	-1.5	-1.5	-1.5	-1.5	-1.5	-1.5	-1.5	-1.5	-1.5	-1.5	-1.5
1968	D	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1969	W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1970	AN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1971	BN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1972	D	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1973	AN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1974	W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1975	W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1976	C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	-0.2	-0.2	0.0
1977	C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1978	W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1979	AN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1980	W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1981	D	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1982	W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1983	W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1984	AN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1985	D	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1986	W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1987	C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1988	C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1989	C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1990	C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1991	C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1992	C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1993	W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1994	C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Average		-0.4	-0.4	-0.2	-0.4	-0.4	-0.4	-0.3	-0.3	-0.2	-0.2	-0.2	-0.2
Maximum		0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Minimum		-11.6	-11.5	-10.0	-11.5	-11.5	-11.5	-11.2	-10.9	-10.7	-10.5	-10.2	-10.1
Average by Year Type													
W		-0.8	-0.8	-0.7	-0.7	-0.7	-0.7	-0.7	-0.5	-0.3	-0.3	-0.3	-0.3
AN		-0.8	-0.8	0.0	-0.8	-0.8	-0.8	-0.8	-0.8	-0.8	-0.7	-0.7	-0.7
BN		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	-0.1	-0.1
D		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
C		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Water year types are based on San Joaquin Valley Index (W: Wet; AN: Above Normal; BN: Below Normal; D: Dry; C: Critical)

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Table D-19. New Melones Reservoir End-of-Month Storage: Difference in Percentage (Alt 2 minus Base)

Water Year	Year Type	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1922	W	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1923	AN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1924	C	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1925	BN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1926	D	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1927	AN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1928	BN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1929	C	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1930	C	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1931	C	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1932	AN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1933	D	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1934	C	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1935	AN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1936	AN	-1.5%	-1.4%	0.0%	-1.3%	-1.1%	-1.0%	-0.9%	-0.8%	-0.7%	-0.8%	-0.8%	-0.8%
1937	W	-0.8%	-0.8%	-0.8%	-0.8%	-0.7%	-0.7%	-0.6%	-0.3%	-0.3%	-0.3%	-0.3%	-0.3%
1938	W	-0.3%	-0.3%	-0.2%	-0.2%	-0.2%	-0.2%	-0.2%	-0.2%	0.0%	0.0%	0.0%	0.0%
1939	D	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1940	AN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1941	W	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1942	W	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1943	W	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1944	BN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1945	AN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1946	AN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1947	D	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1948	BN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1949	BN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1950	BN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1951	AN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1952	W	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1953	BN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1954	BN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1955	D	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1956	W	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1957	BN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1958	W	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1959	D	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1960	C	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1961	C	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1962	BN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1963	AN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1964	D	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1965	W	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1966	BN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%	-0.1%	-0.1%
1967	W	-0.1%	-0.1%	-0.1%	-0.1%	-0.1%	-0.1%	-0.1%	-0.1%	-0.1%	-0.1%	-0.1%	-0.1%
1968	D	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1969	W	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1970	AN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1971	BN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1972	D	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1973	AN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1974	W	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1975	W	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1976	C	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1977	C	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1978	W	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1979	AN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1980	W	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1981	D	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1982	W	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1983	W	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1984	AN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1985	D	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1986	W	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1987	C	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1988	C	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1989	C	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1990	C	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1991	C	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1992	C	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1993	W	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1994	C	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Average		0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Maximum		0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Minimum		-1.5%	-1.4%	-0.8%	-1.3%	-1.1%	-1.0%	-0.9%	-0.8%	-0.7%	-0.8%	-0.8%	-0.8%
Average by Year Type													
W		-0.1%	-0.1%	-0.1%	-0.1%	-0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
AN		-0.1%	-0.1%	0.0%	-0.1%	-0.1%	-0.1%	-0.1%	-0.1%	-0.1%	-0.1%	-0.1%	-0.1%
BN		0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
D		0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
C		0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%

Water year types are based on San Joaquin Valley Index (W: Wet; AN: Above Normal; BN: Below Normal; D: Dry; C: Critical)

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Table D-20. New Don Pedro Reservoir End-of-Month Storage: Alternative 2 in TAF

Water Year	Year Type	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1922	W	1,345	1,294	1,295	1,382	1,641	1,690	1,703	1,880	2,030	1,985	1,845	1,753
1923	AN	1,690	1,657	1,690	1,690	1,690	1,690	1,697	1,740	1,756	1,694	1,559	1,488
1924	C	1,441	1,393	1,357	1,345	1,351	1,342	1,316	1,251	1,145	1,041	942	888
1925	BN	866	858	960	1,035	1,215	1,342	1,439	1,489	1,602	1,522	1,384	1,312
1926	D	1,268	1,225	1,197	1,203	1,273	1,342	1,445	1,511	1,428	1,298	1,175	1,111
1927	AN	1,072	1,083	1,144	1,178	1,429	1,562	1,662	1,675	1,868	1,802	1,663	1,586
1928	BN	1,536	1,529	1,537	1,557	1,613	1,690	1,703	1,778	1,755	1,615	1,471	1,393
1929	C	1,339	1,292	1,259	1,253	1,271	1,299	1,340	1,378	1,405	1,307	1,211	1,153
1930	C	1,117	1,086	1,121	1,159	1,210	1,298	1,355	1,361	1,375	1,283	1,192	1,143
1931	C	1,113	1,093	1,152	1,183	1,207	1,193	1,136	1,068	966	853	757	710
1932	AN	678	650	772	933	1,194	1,301	1,291	1,345	1,477	1,438	1,309	1,232
1933	D	1,175	1,119	1,074	1,071	1,129	1,178	1,183	1,169	1,215	1,113	1,001	941
1934	C	893	859	903	942	1,003	1,087	1,065	988	909	799	705	658
1935	AN	632	623	699	844	983	1,095	1,263	1,349	1,515	1,409	1,271	1,186
1936	AN	1,134	1,090	1,056	1,117	1,497	1,648	1,699	1,814	1,979	1,889	1,746	1,659
1937	W	1,600	1,548	1,516	1,520	1,690	1,690	1,712	1,818	1,993	1,868	1,728	1,644
1938	W	1,591	1,546	1,690	1,690	1,690	1,690	1,690	1,730	2,025	2,030	1,903	1,773
1939	D	1,690	1,656	1,645	1,656	1,690	1,690	1,706	1,663	1,557	1,428	1,309	1,254
1940	AN	1,237	1,209	1,263	1,432	1,690	1,690	1,709	1,784	1,932	1,780	1,637	1,549
1941	W	1,496	1,449	1,538	1,690	1,690	1,690	1,690	1,780	2,007	1,991	1,851	1,755
1942	W	1,688	1,645	1,690	1,690	1,690	1,690	1,713	1,750	1,957	1,971	1,831	1,733
1943	W	1,665	1,664	1,690	1,690	1,690	1,690	1,712	1,769	1,922	1,846	1,707	1,620
1944	BN	1,566	1,519	1,484	1,484	1,584	1,690	1,674	1,720	1,687	1,575	1,432	1,352
1945	AN	1,306	1,316	1,432	1,453	1,690	1,690	1,691	1,734	1,914	1,860	1,713	1,620
1946	AN	1,598	1,592	1,690	1,690	1,690	1,690	1,690	1,694	1,749	1,597	1,448	1,361
1947	D	1,308	1,289	1,403	1,408	1,448	1,487	1,516	1,498	1,421	1,290	1,166	1,102
1948	BN	1,082	1,055	1,090	1,106	1,101	1,119	1,156	1,243	1,401	1,294	1,153	1,079
1949	BN	1,033	988	988	984	1,002	1,158	1,217	1,240	1,257	1,115	971	896
1950	BN	848	805	801	827	1,002	1,123	1,186	1,228	1,317	1,191	1,053	975
1951	AN	945	1,329	1,690	1,690	1,690	1,690	1,659	1,615	1,635	1,481	1,337	1,248
1952	W	1,195	1,157	1,290	1,579	1,690	1,690	1,690	1,873	2,030	2,030	1,901	1,773
1953	BN	1,690	1,642	1,638	1,690	1,690	1,690	1,691	1,695	1,725	1,695	1,561	1,487
1954	BN	1,441	1,405	1,380	1,394	1,465	1,642	1,702	1,789	1,798	1,658	1,510	1,431
1955	D	1,382	1,343	1,333	1,383	1,467	1,530	1,539	1,576	1,536	1,409	1,284	1,220
1956	W	1,181	1,151	1,682	1,690	1,690	1,690	1,686	1,780	2,030	2,030	1,892	1,773
1957	BN	1,690	1,644	1,614	1,616	1,690	1,690	1,675	1,717	1,848	1,722	1,580	1,500
1958	W	1,456	1,415	1,412	1,449	1,671	1,690	1,690	1,882	2,030	2,018	1,888	1,773
1959	D	1,690	1,637	1,588	1,619	1,690	1,690	1,695	1,657	1,570	1,440	1,317	1,275
1960	C	1,233	1,202	1,220	1,248	1,342	1,437	1,491	1,500	1,414	1,306	1,213	1,168
1961	C	1,139	1,116	1,147	1,189	1,211	1,203	1,173	1,112	1,026	922	832	785
1962	BN	754	726	736	762	988	1,140	1,221	1,249	1,413	1,339	1,203	1,130
1963	AN	1,092	1,052	1,081	1,120	1,326	1,368	1,457	1,577	1,841	1,803	1,671	1,594
1964	D	1,547	1,557	1,601	1,616	1,642	1,646	1,652	1,650	1,660	1,541	1,427	1,370
1965	W	1,335	1,331	1,690	1,690	1,690	1,690	1,713	1,769	1,921	1,931	1,826	1,743
1966	BN	1,677	1,690	1,690	1,690	1,690	1,690	1,686	1,644	1,523	1,378	1,233	1,162
1967	W	1,116	1,111	1,304	1,505	1,664	1,690	1,690	1,830	2,030	2,030	1,914	1,773
1968	D	1,690	1,639	1,613	1,626	1,690	1,690	1,700	1,673	1,611	1,479	1,362	1,297
1969	W	1,258	1,259	1,396	1,690	1,690	1,690	1,690	1,930	2,030	2,030	1,905	1,773
1970	AN	1,690	1,657	1,690	1,690	1,690	1,690	1,671	1,646	1,667	1,547	1,417	1,340
1971	BN	1,291	1,295	1,446	1,615	1,690	1,690	1,679	1,669	1,673	1,585	1,454	1,384
1972	D	1,337	1,309	1,426	1,513	1,613	1,690	1,659	1,644	1,578	1,455	1,345	1,286
1973	AN	1,250	1,235	1,364	1,574	1,690	1,690	1,673	1,731	1,834	1,687	1,550	1,468
1974	W	1,423	1,474	1,629	1,690	1,690	1,690	1,690	1,749	1,953	1,863	1,727	1,649
1975	W	1,603	1,557	1,536	1,552	1,690	1,690	1,691	1,798	2,030	1,945	1,815	1,729
1976	C	1,690	1,662	1,656	1,635	1,635	1,640	1,602	1,535	1,439	1,333	1,249	1,210
1977	C	1,183	1,156	1,161	1,174	1,170	1,135	1,056	972	873	762	668	620
1978	W	588	563	601	777	992	1,222	1,330	1,461	1,820	1,913	1,785	1,740
1979	AN	1,686	1,650	1,625	1,690	1,690	1,690	1,692	1,816	1,931	1,790	1,652	1,576
1980	W	1,536	1,500	1,507	1,690	1,690	1,690	1,689	1,778	2,030	2,030	1,905	1,773
1981	D	1,690	1,637	1,602	1,620	1,684	1,690	1,703	1,709	1,629	1,504	1,397	1,341
1982	W	1,317	1,396	1,598	1,690	1,690	1,690	1,690	1,900	2,030	2,030	1,916	1,773
1983	W	1,690	1,690	1,690	1,690	1,690	1,690	1,690	1,863	2,030	2,030	2,017	1,773
1984	AN	1,690	1,690	1,690	1,690	1,690	1,690	1,647	1,668	1,767	1,644	1,504	1,421
1985	D	1,379	1,376	1,431	1,490	1,521	1,610	1,678	1,667	1,576	1,451	1,341	1,289
1986	W	1,260	1,252	1,372	1,492	1,690	1,690	1,696	1,853	2,030	1,941	1,803	1,722
1987	C	1,663	1,610	1,564	1,540	1,549	1,570	1,565	1,515	1,425	1,317	1,225	1,177
1988	C	1,151	1,130	1,153	1,218	1,310	1,322	1,277	1,212	1,118	1,013	920	872
1989	C	840	825	850	888	932	1,083	1,183	1,230	1,297	1,192	1,097	1,061
1990	C	1,067	1,046	1,085	1,117	1,166	1,192	1,182	1,147	1,125	1,020	914	853
1991	C	821	796	802	812	804	864	932	987	1,045	982	898	858
1992	C	839	818	841	871	945	1,008	1,008	1,066	999	932	837	777
1993	W	750	720	761	1,049	1,258	1,470	1,532	1,622	1,879	1,875	1,745	1,669
1994	C	1,619	1,565	1,523	1,520	1,539	1,595	1,632	1,631	1,550	1,451	1,367	1,323
Average		1,309	1,290	1,340	1,394	1,472	1,513	1,530	1,573	1,638	1,554	1,432	1,355
Maximum		1,690	1,690	1,690	1,690	1,690	1,690	1,713	1,930	2,030	2,030	2,017	1,773
Minimum		588	563	601	762	804	864	932	972	873	762	668	620
Average by Year Type													
W		1,355	1,336	1,444	1,545	1,629	1,656	1,669	1,791	1,990	1,969	1,845	1,736
AN		1,264	1,274	1,349	1,414	1,546	1,585	1,607	1,656	1,776	1,673	1,534	1,452
BN		1,289	1,263	1,280	1,313	1,394	1,472	1,502	1,539	1,583	1,474	1,334	1,258
D		1,469	1,435	1,447	1,473	1,532	1,567	1,589	1,583	1,526	1,401	1,284	1,226
C		1,197	1,166	1,175	1,193	1,228	1,267	1,270	1,247	1,194	1,094	1,002	953

Water year types are based on San Joaquin Valley Index (W: Wet; AN: Above Normal; BN: Below Normal; D: Dry; C: Critical)

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Table D-21. New Don Pedro Reservoir End-of-Month Storage: Difference in TAF (Alt 2 minus Base)

Water Year	Year Type	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1922	W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1923	AN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1924	C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1925	BN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1926	D	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1927	AN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1928	BN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1929	C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1930	C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1931	C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1932	AN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1933	D	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1934	C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1935	AN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1936	AN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	-0.1	-0.1	-0.1	-0.1
1937	W	-0.1	-0.1	-0.1	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1938	W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1939	D	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1940	AN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1941	W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1942	W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1943	W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1944	BN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1945	AN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1946	AN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1947	D	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1948	BN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1949	BN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1950	BN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1951	AN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1952	W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1953	BN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1954	BN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1955	D	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1956	W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1957	BN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1958	W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1959	D	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1960	C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1961	C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1962	BN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1963	AN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1964	D	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1965	W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1966	BN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1967	W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1968	D	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1969	W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1970	AN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1971	BN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1972	D	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1973	AN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1974	W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1975	W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1976	C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1977	C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1978	W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1979	AN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1980	W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1981	D	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1982	W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1983	W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1984	AN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1985	D	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1986	W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1987	C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1988	C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1989	C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1990	C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1991	C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1992	C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1993	W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1994	C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Average		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Maximum		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Minimum		-0.1	-0.1	-0.1	-0.1	0.0	0.0	0.0	-0.1	-0.1	-0.1	-0.1	-0.1
Average by Year Type													
W		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
AN		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
BN		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
D		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
C		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Water year types are based on San Joaquin Valley Index (W: Wet; AN: Above Normal; BN: Below Normal; D: Dry; C: Critical)

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Table D-22. New Don Pedro Reservoir End-of-Month Storage: Difference in Percentage (Alt 2 minus Base)

Water Year	Year Type	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1922	W	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1923	AN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1924	C	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1925	BN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1926	D	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1927	AN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1928	BN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1929	C	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1930	C	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1931	C	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1932	AN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1933	D	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1934	C	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1935	AN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1936	AN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1937	W	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1938	W	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1939	D	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1940	AN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1941	W	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1942	W	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1943	W	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1944	BN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1945	AN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1946	AN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1947	D	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1948	BN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1949	BN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1950	BN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1951	AN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1952	W	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1953	BN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1954	BN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1955	D	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1956	W	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1957	BN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1958	W	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1959	D	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1960	C	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1961	C	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1962	BN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1963	AN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1964	D	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1965	W	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1966	BN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1967	W	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1968	D	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1969	W	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1970	AN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1971	BN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1972	D	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1973	AN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1974	W	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1975	W	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1976	C	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1977	C	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1978	W	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1979	AN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1980	W	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1981	D	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1982	W	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1983	W	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1984	AN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1985	D	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1986	W	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1987	C	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1988	C	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1989	C	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1990	C	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1991	C	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1992	C	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1993	W	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1994	C	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Average		0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Maximum		0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Minimum		0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Average by Year Type													
W		0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
AN		0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
BN		0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
D		0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
C		0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%

Water year types are based on San Joaquin Valley Index (W: Wet; AN: Above Normal; BN: Below Normal; D: Dry; C: Critical)

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Table D-23. Lake McClure End-of-Month Storage: Alternative 2 in TAF

Water Year	Year Type	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1922	W	474	466	501	533	676	737	776	969	1,024	968	870	803
1923	AN	664	670	676	676	676	691	740	885	910	837	738	670
1924	C	658	656	656	655	658	641	622	589	491	385	307	255
1925	BN	240	254	270	283	385	421	488	602	618	529	433	368
1926	D	350	346	346	352	409	423	484	419	377	315	247	192
1927	AN	172	175	189	191	227	251	252	402	469	431	404	398
1928	BN	397	393	413	429	447	444	406	452	430	389	363	346
1929	C	335	328	323	316	319	317	278	258	225	202	196	153
1930	C	147	141	138	135	133	116	127	136	159	175	199	194
1931	C	179	173	172	171	174	169	184	201	142	115	115	115
1932	AN	115	115	186	228	386	422	457	585	705	630	529	463
1933	D	440	430	425	434	441	442	419	426	476	366	271	216
1934	C	194	189	199	220	254	291	320	283	238	168	118	115
1935	AN	115	128	143	214	262	306	497	665	790	697	596	530
1936	AN	509	509	511	539	676	735	851	944	973	883	781	714
1937	W	664	660	668	676	676	737	814	969	1,024	924	821	754
1938	W	664	661	676	676	676	737	851	969	1,024	1,019	935	851
1939	D	664	669	675	676	676	702	734	676	573	444	347	283
1940	AN	276	279	282	398	529	636	721	877	884	769	668	602
1941	W	575	572	650	676	676	737	810	969	1,024	990	898	830
1942	W	664	669	676	676	676	726	823	951	1,024	970	905	838
1943	W	664	676	676	676	676	737	851	969	996	909	808	742
1944	BN	664	661	664	673	676	710	662	765	769	678	584	519
1945	AN	498	524	546	559	676	737	805	916	990	909	810	743
1946	AN	664	676	676	676	676	717	796	904	887	779	678	612
1947	D	598	620	653	673	676	696	696	730	652	530	434	379
1948	BN	361	361	363	366	367	357	363	462	551	456	364	300
1949	BN	276	271	271	272	282	314	339	437	420	305	214	150
1950	BN	139	135	131	156	204	210	274	374	372	261	169	115
1951	AN	115	362	623	676	676	720	737	757	730	617	515	451
1952	W	424	426	474	624	676	737	851	969	1,024	995	909	840
1953	BN	664	660	676	676	676	671	674	649	678	594	501	437
1954	BN	413	408	407	413	448	501	555	638	583	466	374	310
1955	D	287	279	284	304	320	314	275	335	344	230	135	115
1956	W	115	115	478	676	676	721	764	927	1,024	989	898	831
1957	BN	664	663	666	667	676	693	662	718	763	659	566	501
1958	W	476	475	489	513	586	709	851	969	1,024	983	894	826
1959	D	664	658	656	664	676	688	674	635	549	421	324	277
1960	C	259	253	251	250	296	328	372	431	414	343	291	257
1961	C	242	241	246	244	251	252	281	300	264	194	143	115
1962	BN	115	115	118	121	276	309	392	447	521	434	334	269
1963	AN	252	249	249	279	446	465	489	615	694	623	524	457
1964	D	437	459	468	482	495	482	445	454	407	286	191	137
1965	W	116	127	342	511	564	592	672	780	893	846	767	701
1966	BN	664	676	676	676	676	696	728	764	679	558	462	406
1967	W	381	384	485	538	580	709	837	969	1,024	1,024	946	851
1968	D	664	659	661	664	676	681	643	613	525	396	300	236
1969	W	210	223	253	594	676	737	851	969	1,024	1,022	934	851
1970	AN	664	674	676	676	676	737	709	775	767	659	560	494
1971	BN	470	476	514	550	576	589	602	602	652	558	465	400
1972	D	378	374	400	415	441	480	463	490	457	336	241	189
1973	AN	174	175	199	256	374	448	489	717	784	678	583	516
1974	W	494	543	596	676	676	737	808	965	1,024	925	825	756
1975	W	664	661	664	676	676	737	749	910	1,024	944	839	772
1976	C	664	671	675	671	676	669	623	593	498	395	318	270
1977	C	250	243	240	237	233	228	214	212	217	192	176	165
1978	W	149	143	165	265	403	554	706	962	1,024	1,024	947	851
1979	AN	664	669	673	676	676	737	777	944	963	858	756	689
1980	W	664	665	673	676	676	737	817	962	1,024	1,016	930	851
1981	D	664	654	653	667	676	685	677	691	628	506	410	355
1982	W	334	370	428	555	676	737	851	969	1,024	1,004	921	851
1983	W	664	676	676	676	676	737	827	969	1,024	1,024	997	851
1984	AN	664	676	676	676	676	731	738	841	815	707	605	539
1985	D	522	534	545	550	571	586	614	645	570	452	360	297
1986	W	282	289	315	351	676	737	838	969	1,024	934	835	768
1987	C	664	654	651	645	652	648	651	626	542	439	362	314
1988	C	295	295	299	315	328	349	371	380	346	275	225	192
1989	C	177	169	172	172	183	250	350	405	388	317	266	234
1990	C	230	229	230	234	243	268	321	327	288	222	171	138
1991	C	136	130	126	121	116	183	207	298	356	298	247	214
1992	C	199	198	200	200	249	270	345	370	317	262	211	177
1993	W	169	165	175	348	440	561	654	903	1,024	973	879	814
1994	C	664	657	657	656	670	669	643	636	563	457	379	326
Average		417	422	446	476	514	551	592	670	681	605	525	468
Maximum		664	676	676	676	676	737	851	969	1,024	1,024	997	851
Minimum		115	115	118	121	116	116	127	136	142	115	115	115
Average by Year Type													
W		442	448	503	580	636	708	800	949	1,016	974	888	812
AN		396	420	450	480	545	595	647	773	811	720	625	563
BN		422	423	431	440	474	493	509	576	586	491	403	343
D		515	517	524	535	551	562	557	556	505	389	296	243
C		331	327	327	328	340	353	369	378	340	278	233	202

Water year types are based on San Joaquin Valley Index (W: Wet; AN: Above Normal; BN: Below Normal; D: Dry; C: Critical)

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Table D-24. Lake McClure End-of-Month Storage: Difference in TAF (Alt 2 minus Base)

Water Year	Year Type	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1922	W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1923	AN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1924	C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1925	BN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1926	D	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1927	AN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1928	BN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1929	C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1930	C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1931	C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1932	AN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1933	D	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1934	C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1935	AN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1936	AN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1937	W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1938	W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1939	D	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1940	AN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1941	W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1942	W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1943	W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1944	BN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1945	AN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1946	AN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1947	D	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1948	BN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1949	BN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1950	BN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1951	AN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1952	W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1953	BN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1954	BN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1955	D	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1956	W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1957	BN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1958	W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1959	D	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1960	C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1961	C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1962	BN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1963	AN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1964	D	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1965	W	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.5	0.5	0.5	0.5
1966	BN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1967	W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1968	D	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1969	W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1970	AN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1971	BN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1972	D	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1973	AN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1974	W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1975	W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1976	C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1977	C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1978	W	-1.5	-1.5	-1.5	-1.5	-1.5	-1.5	-1.5	-1.5	0.0	0.0	0.0	0.0
1979	AN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1980	W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1981	D	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1982	W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1983	W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1984	AN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1985	D	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1986	W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1987	C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1988	C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1989	C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1990	C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1991	C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1992	C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1993	W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1994	C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Average		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Maximum		0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.5	0.5	0.5	0.5
Minimum		-1.5	-1.5	-1.5	-1.5	-1.5	-1.5	-1.5	-1.5	0.0	0.0	0.0	0.0
Average by Year Type													
	W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	AN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	BN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	D	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Water year types are based on San Joaquin Valley Index (W: Wet; AN: Above Normal; BN: Below Normal; D: Dry; C: Critical)

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Table D-25. Lake McClure End-of-Month Storage: Difference in Percentage (Alt 2 minus Base)

Water Year	Year Type	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1922	W	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1923	AN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1924	C	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1925	BN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1926	D	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1927	AN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1928	BN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1929	C	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1930	C	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1931	C	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1932	AN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1933	D	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1934	C	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1935	AN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1936	AN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1937	W	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1938	W	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1939	D	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1940	AN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1941	W	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1942	W	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1943	W	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1944	BN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1945	AN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1946	AN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1947	D	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1948	BN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1949	BN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1950	BN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1951	AN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1952	W	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1953	BN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1954	BN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1955	D	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1956	W	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1957	BN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1958	W	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1959	D	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1960	C	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1961	C	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1962	BN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1963	AN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1964	D	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1965	W	0.5%	0.4%	0.2%	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%
1966	BN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1967	W	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1968	D	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1969	W	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1970	AN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1971	BN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1972	D	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1973	AN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1974	W	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1975	W	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1976	C	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1977	C	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1978	W	-1.0%	-1.0%	-0.9%	-0.6%	-0.4%	-0.3%	-0.2%	-0.2%	0.0%	0.0%	0.0%	0.0%
1979	AN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1980	W	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1981	D	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1982	W	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1983	W	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1984	AN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1985	D	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1986	W	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1987	C	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1988	C	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1989	C	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1990	C	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1991	C	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1992	C	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1993	W	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1994	C	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Average		0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Maximum		0.5%	0.4%	0.2%	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%
Minimum		-1.0%	-1.0%	-0.9%	-0.6%	-0.4%	-0.3%	-0.2%	-0.2%	0.0%	0.0%	0.0%	0.0%
Average by Year Type													
	W	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	AN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	BN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	D	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	C	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%

Water year types are based on San Joaquin Valley Index (W: Wet; AN: Above Normal; BN: Below Normal; D: Dry; C: Critical)

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Table D-26. North of Delta CVP Reservoir End-of-Month Storage: Alternative 2 in TAF

Water Year	Year Type	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1922	W	3,370	3,307	3,458	3,605	4,024	4,516	5,084	5,397	5,120	4,504	4,023	3,638
1923	AN	3,517	3,512	3,750	3,958	4,086	4,218	4,712	4,604	4,333	3,753	3,359	3,059
1924	C	2,932	2,800	2,709	2,726	2,973	2,876	2,608	2,223	1,761	1,298	1,050	918
1925	BN	946	1,134	1,296	1,453	3,007	3,115	4,101	4,512	4,190	3,485	3,069	2,928
1926	D	2,773	2,727	2,710	2,719	3,630	3,883	4,413	4,208	3,698	3,065	2,662	2,553
1927	AN	2,481	3,091	3,650	4,198	4,263	5,004	5,625	5,800	5,512	4,734	4,280	3,884
1928	BN	3,745	4,045	4,177	4,452	4,913	4,853	5,485	5,430	5,005	4,028	3,596	3,364
1929	C	3,190	3,135	3,142	3,208	3,462	3,739	3,831	3,711	3,471	2,956	2,508	2,403
1930	C	2,260	2,198	2,922	3,228	3,657	4,274	4,529	4,436	4,049	3,404	3,025	2,952
1931	C	2,794	2,722	2,642	2,692	2,789	3,031	2,789	2,452	2,094	1,540	1,216	1,051
1932	AN	941	884	1,171	1,417	1,820	2,319	2,524	2,937	2,768	2,225	1,779	1,588
1933	D	1,396	1,298	1,214	1,211	1,238	1,905	2,026	2,140	1,997	1,550	1,230	1,218
1934	C	1,162	1,148	1,374	1,211	2,214	2,568	2,490	2,311	1,847	1,324	1,026	896
1935	AN	838	983	1,049	1,468	1,913	2,444	3,834	4,234	3,964	3,421	2,888	2,661
1936	AN	2,527	2,461	2,423	3,156	4,038	4,494	4,824	4,828	4,578	3,883	3,380	3,007
1937	W	2,831	2,697	2,638	2,596	2,745	3,508	4,237	4,474	4,277	3,626	3,118	2,874
1938	W	2,739	3,263	4,124	4,482	4,374	4,340	5,131	5,793	5,708	5,256	4,773	4,318
1939	D	4,136	3,974	4,015	4,086	4,197	4,697	4,557	4,344	3,878	3,170	2,659	2,557
1940	AN	2,493	2,416	2,601	3,744	4,050	4,303	5,176	5,253	4,838	4,164	3,772	3,600
1941	W	3,338	3,280	4,095	4,131	4,236	4,862	5,529	5,800	5,737	5,348	4,773	4,318
1942	W	4,133	3,924	4,130	4,200	4,318	4,735	5,516	5,800	5,707	5,132	4,723	4,318
1943	W	4,128	4,066	4,170	4,345	4,624	4,986	5,593	5,716	5,483	4,795	4,367	4,021
1944	BN	3,864	3,828	3,798	3,858	4,231	4,653	4,669	4,660	4,359	3,778	3,450	3,246
1945	AN	3,140	3,431	3,829	4,025	4,752	5,167	5,414	5,621	5,334	4,625	4,204	3,841
1946	AN	3,751	4,059	4,079	4,432	4,426	4,935	5,322	5,416	4,948	4,276	3,870	3,651
1947	D	3,358	3,378	3,450	3,426	3,780	4,480	4,637	4,302	4,056	3,354	2,960	2,800
1948	BN	2,866	2,922	2,932	3,594	3,334	3,701	4,895	5,382	5,390	4,894	4,464	4,203
1949	BN	3,962	3,862	3,851	3,832	4,046	4,996	5,447	5,603	5,089	4,203	3,746	3,588
1950	BN	3,369	3,296	3,223	3,672	4,085	4,645	5,074	5,152	4,808	4,211	3,755	3,467
1951	AN	3,733	3,873	3,866	4,183	4,374	5,073	5,395	5,569	5,138	4,277	3,834	3,530
1952	W	3,399	3,628	4,120	4,418	4,552	4,946	5,363	5,800	5,651	5,275	4,701	4,318
1953	BN	4,147	4,014	4,156	4,179	4,503	5,085	5,553	5,787	5,748	5,135	4,758	4,318
1954	BN	4,121	4,066	3,952	4,341	4,475	5,028	5,619	5,513	5,206	4,433	4,080	3,915
1955	D	3,670	3,774	4,121	4,300	4,323	4,487	4,597	4,752	4,326	3,736	3,175	3,165
1956	W	3,167	3,224	4,022	3,884	3,918	4,789	5,447	5,800	5,626	5,189	4,773	4,318
1957	BN	4,148	3,955	3,878	3,936	4,485	5,046	5,064	5,588	5,328	4,582	4,142	3,942
1958	W	4,049	4,052	4,152	4,345	4,056	4,337	5,246	5,800	5,748	5,253	4,773	4,318
1959	D	4,125	3,967	3,913	4,430	4,591	4,793	4,878	4,619	3,990	3,211	2,830	2,836
1960	C	2,583	2,542	2,531	2,776	3,752	4,554	4,770	4,790	4,454	3,714	3,193	3,143
1961	C	3,003	3,119	3,584	3,787	4,560	5,000	5,091	4,940	4,614	3,671	2,997	2,930
1962	BN	2,738	2,849	3,195	3,289	4,489	5,042	5,513	5,500	5,144	4,349	3,903	3,629
1963	AN	4,220	4,006	4,163	4,307	4,658	4,714	5,210	5,640	5,475	4,801	4,437	4,220
1964	D	4,086	4,066	4,033	4,497	4,611	4,681	4,362	4,275	4,086	3,547	3,215	3,006
1965	W	2,988	3,204	3,855	3,967	4,405	4,598	5,573	5,654	5,371	4,531	4,180	3,914
1966	BN	3,809	4,066	4,173	4,539	4,851	5,042	5,534	5,372	4,709	3,943	3,535	3,283
1967	W	3,107	3,486	4,149	4,361	4,719	4,925	5,552	5,800	5,748	5,373	4,739	4,318
1968	D	4,143	3,974	4,006	4,268	4,447	5,144	5,155	5,008	4,550	3,804	3,494	3,297
1969	W	3,200	3,266	3,696	4,147	4,254	4,925	5,507	5,800	5,643	4,943	4,540	4,318
1970	AN	4,146	4,066	4,131	3,878	4,050	4,927	4,894	4,869	4,544	3,595	3,313	3,085
1971	BN	3,036	3,692	4,133	4,329	4,452	4,786	5,434	5,800	5,748	5,120	4,764	4,318
1972	D	4,130	3,915	4,055	4,462	4,793	5,159	5,510	5,499	4,809	3,934	3,451	3,437
1973	AN	3,457	3,770	4,160	4,358	4,438	5,081	5,448	5,621	5,120	4,352	4,013	3,789
1974	W	3,787	4,066	4,081	3,986	4,413	4,272	5,362	5,711	5,580	5,279	4,773	4,318
1975	W	4,132	3,943	4,025	4,160	4,750	4,680	5,327	5,800	5,676	5,284	4,773	4,318
1976	C	4,179	4,036	4,028	4,028	4,184	4,437	4,549	4,366	3,903	3,392	3,256	3,207
1977	C	3,139	3,148	3,090	3,101	3,083	3,090	2,860	2,184	1,474	892	822	822
1978	W	822	868	1,496	3,730	4,363	4,873	5,625	5,800	5,478	4,714	4,322	4,138
1979	AN	3,913	3,882	3,820	4,033	4,378	5,002	5,244	5,492	4,799	4,090	3,753	3,486
1980	W	3,469	3,654	3,872	4,200	3,921	4,845	5,288	5,389	5,075	4,395	4,008	3,773
1981	D	3,662	3,523	3,551	3,854	4,296	5,032	5,250	4,986	4,342	3,592	3,199	3,027
1982	W	3,054	4,040	3,885	4,247	4,107	4,784	5,167	5,519	5,340	4,984	4,530	4,295
1983	W	4,220	4,064	4,140	4,174	4,042	4,289	5,147	5,800	5,748	5,373	4,773	4,318
1984	AN	4,220	3,868	3,853	4,227	4,604	5,085	5,314	5,496	5,149	4,324	4,015	3,776
1985	D	3,725	4,066	4,174	4,197	4,418	4,718	4,957	4,706	4,170	3,528	3,114	3,077
1986	W	2,945	3,013	3,280	3,895	3,848	4,354	4,863	4,974	4,611	4,058	3,748	3,618
1987	C	3,521	3,360	3,264	3,335	3,717	4,574	4,444	4,086	3,515	2,976	2,706	2,732
1988	C	2,600	2,607	3,141	3,686	3,787	3,889	3,921	3,799	3,304	2,587	2,096	1,881
1989	C	1,718	2,028	2,202	2,378	2,552	4,242	4,818	4,699	4,260	3,488	3,010	2,982
1990	C	2,978	2,978	2,963	3,234	3,225	3,573	3,446	3,535	3,305	2,777	2,451	2,427
1991	C	2,294	2,225	2,185	2,161	2,138	2,809	3,101	3,100	2,878	2,458	2,095	1,904
1992	C	1,780	1,658	1,629	1,657	2,498	3,059	3,290	2,917	2,444	1,804	1,301	1,193
1993	W	1,077	991	1,324	2,383	3,118	4,675	5,446	5,785	5,748	5,046	4,653	4,241
1994	C	4,023	3,909	3,905	3,954	4,193	4,320	4,259	4,080	3,543	2,706	2,041	1,827
Average		3,170	3,210	3,378	3,634	3,926	4,384	4,773	4,857	4,536	3,897	3,480	3,255
Maximum		4,220	4,066	4,177	4,539	4,913	5,167	5,625	5,800	5,748	5,373	4,773	4,318
Minimum		822	868	1,049	1,211	1,238	1,905	2,026	2,140	1,474	892	822	822
Average by Year Type													
W		3,198	3,302	3,635	3,963	4,139	4,612	5,300	5,620	5,454	4,918	4,453	4,100
AN		3,098	3,164	3,324	3,670	3,989	4,483	4,924	5,098	4,750	4,037	3,636	3,370
BN		3,396	3,477	3,564	3,790	4,239	4,666	5,199	5,358	5,060	4,347	3,939	3,683
D		3,564	3,515	3,568	3,768	4,029	4,453	4,577	4,440	3,991	3,317	2,908	2,816
C		2,760	2,726	2,832	2,984	3,299	3,752	3,800	3,602	3,182	2,562	2,175	2,079

Water year types are based on San Joaquin Valley Index (W: Wet; AN: Above Normal; BN: Below Normal; D: Dry; C: Critical)

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Table D-27. North of Delta CVP Reservoir End-of-Month Storage: Difference in TAF (Alt 2 minus Base)

Water Year	Year Type	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1922	W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1923	AN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1924	C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1925	BN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1926	D	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	-1.6	-1.6
1927	AN	-3.4	-4.9	-0.1	-0.1	0.0	0.0	0.0	0.0	0.0	-5.8	-6.0	-5.9
1928	BN	-6.8	-4.8	0.0	0.0	0.0	0.0	0.0	0.1	0.3	-0.3	-1.6	2.5
1929	C	2.6	4.3	5.0	5.7	5.7	5.7	5.5	5.3	5.6	-2.1	-9.3	-8.9
1930	C	-8.7	-8.0	-7.9	-7.9	-10.0	-10.0	-10.0	-10.0	-7.9	-9.4	-9.6	-9.5
1931	C	-9.4	-9.4	-9.4	-9.4	-9.4	-3.9	-2.6	-3.2	-3.1	-2.9	-6.8	-7.0
1932	AN	-4.0	-2.8	-1.7	-0.9	-0.3	-0.3	0.1	0.4	-0.4	0.8	0.6	0.8
1933	D	-5.1	-5.1	-5.1	-5.1	-5.1	-5.0	-5.0	-5.5	3.0	3.1	4.2	0.0
1934	C	-7.8	-7.7	-7.6	-3.8	-3.8	-3.8	-3.7	-3.6	-3.5	-3.2	-6.8	1.7
1935	AN	0.0	-1.3	-2.5	-3.4	-4.0	-4.0	0.0	-15.9	-16.5	-9.4	-6.5	-4.8
1936	AN	-6.2	-7.4	-8.5	-8.8	-8.7	-8.7	-8.7	-8.7	-8.7	-6.2	-4.0	-12.6
1937	W	-9.7	-5.2	-5.2	-5.2	-6.5	-6.5	-6.5	-6.5	-6.4	-36.7	-37.2	-37.1
1938	W	-30.9	-30.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1939	D	0.0	0.3	0.3	0.3	0.4	0.4	0.4	0.4	17.1	5.0	-1.7	-2.8
1940	AN	-4.7	-4.6	-4.6	-4.1	0.0	0.0	0.0	0.0	-19.9	-12.8	-12.5	7.2
1941	W	6.7	6.6	-0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1942	W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1943	W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1944	BN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1945	AN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1946	AN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1947	D	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.3	-19.5	5.6	5.2	5.2
1948	BN	5.2	4.7	4.2	4.2	6.0	5.7	5.5	5.5	5.5	5.4	5.4	5.4
1949	BN	4.6	5.9	6.1	6.1	6.1	0.0	0.0	0.0	0.0	0.1	0.1	0.1
1950	BN	0.2	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
1951	AN	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.2	-0.1	-0.1
1952	W	-0.1	-0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1953	BN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1954	BN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1955	D	0.0	0.0	0.0	0.0	0.1	0.1	1.2	1.2	1.0	-1.4	-10.2	-4.4
1956	W	-0.7	-0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-9.3	0.0	0.0
1957	BN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.2	0.2
1958	W	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1959	D	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1
1960	C	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.2
1961	C	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	-0.1	-0.1	-0.1
1962	BN	-0.1	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.7	0.7
1963	AN	0.0	0.0	0.0	0.0	0.0	-8.7	0.0	0.0	-2.5	5.1	0.3	0.5
1964	D	0.8	0.0	2.0	2.0	2.0	-53.8	-67.0	-60.9	-77.3	-38.7	41.5	43.2
1965	W	50.9	35.7	0.0	0.0	0.0	11.2	0.0	0.9	0.8	15.0	15.0	15.0
1966	BN	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-62.0	-64.2	-30.4	-32.5
1967	W	-5.5	-70.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0
1968	D	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	-0.1	-0.1
1969	W	-0.1	-0.1	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1970	AN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1971	BN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1972	D	0.0	0.0	0.0	0.0	0.0	0.0	-14.8	-14.7	-5.7	-30.2	-29.5	-54.1
1973	AN	-7.8	-4.8	11.7	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.2
1974	W	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	85.6	0.0	0.0
1975	W	0.0	-19.4	-26.6	-32.0	0.0	0.0	0.0	0.0	0.0	6.1	0.0	0.0
1976	C	0.0	-26.9	-26.9	-26.8	-26.5	-26.5	-26.6	-21.3	-12.8	-18.0	-9.1	-9.1
1977	C	-7.4	-6.8	-6.8	-6.9	-6.8	-6.5	-10.4	-15.9	-18.6	-21.0	0.0	0.0
1978	W	0.0	0.2	0.2	0.2	0.0	0.0	0.0	0.0	-0.1	-0.1	-0.2	-0.2
1979	AN	-0.4	-0.5	-0.5	-0.4	-0.4	-0.4	-0.4	-0.4	-0.5	-0.6	-0.6	-0.6
1980	W	-0.6	-0.5	-0.5	0.0	0.0	0.0	0.0	0.0	-0.1	-0.2	-0.2	-0.2
1981	D	-0.2	-0.3	-0.3	-0.3	-0.3	-0.3	-0.3	-0.4	-0.5	-0.5	-0.6	-0.6
1982	W	-0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1983	W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1984	AN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	-0.2	-0.2	-0.2	-0.2
1985	D	-0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	-0.1	-0.2	-0.2
1986	W	-0.2	-0.2	-0.2	-0.2	0.0	0.0	0.0	0.0	-0.1	-0.1	-0.2	-0.2
1987	C	-0.2	-0.3	-0.3	-0.3	-0.3	-0.2	-0.3	-0.4	-0.4	-0.3	-0.3	-0.4
1988	C	-0.4	-0.3	-0.2	-0.2	0.1	0.1	0.0	0.0	-0.1	-0.2	-0.4	-0.5
1989	C	-0.5	-0.5	-0.5	-0.5	-0.5	-0.5	-0.5	-0.5	-0.4	-0.4	0.4	0.4
1990	C	-0.2	-0.6	-0.9	-1.2	-1.3	-1.3	-1.3	-1.2	-1.2	-1.3	-1.1	-1.3
1991	C	-1.3	-1.4	-1.4	0.2	0.1	0.1	0.1	-0.4	-0.4	-1.0	-1.4	-1.7
1992	C	-2.4	-2.4	-2.9	-3.3	-3.5	-3.5	-3.5	-3.5	-3.4	-3.1	-1.3	-1.9
1993	W	-1.9	-1.7	-1.6	-1.1	-1.1	-1.1	-1.1	-1.1	0.0	0.0	0.0	0.0
1994	C	-0.1	0.0	0.0	0.1	0.1	0.0	0.0	0.0	-0.1	-0.1	0.0	0.3
Average		-0.7	-2.3	-1.3	-1.4	-0.9	-1.7	-2.0	-2.2	-3.3	-2.0	-1.6	-1.6
Maximum		50.9	35.7	11.7	6.1	6.1	11.2	5.5	5.5	17.1	85.6	41.5	43.2
Minimum		-30.9	-70.7	-26.9	-32.0	-26.5	-53.8	-67.0	-60.9	-77.3	-64.2	-37.2	-54.1
Average by Year Type													
	W	0.4	-4.3	-1.7	-1.9	-0.4	0.2	-0.4	-0.3	-0.3	3.0	-1.1	-1.1
	AN	-1.9	-1.9	-0.4	-1.3	-1.0	-1.6	-0.6	-1.8	-3.5	-2.1	-2.1	-1.1
	BN	0.4	0.5	0.9	0.9	1.0	0.5	0.5	0.5	-4.7	-4.8	-2.1	-2.0
	D	-0.4	-0.5	-0.3	-0.3	-0.3	-5.3	-7.8	-7.2	-7.4	-5.2	0.6	-1.4
	C	-2.2	-3.7	-3.7	-3.4	-3.5	-3.1	-3.3	-3.4	-2.9	-3.9	-2.9	-2.4

Water year types are based on San Joaquin Valley Index (W: Wet; AN: Above Normal; BN: Below Normal; D: Dry; C: Critical)

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Table D-28. North of Delta CVP Reservoir End-of-Month Storage: Difference in Percentage (Alt 2 minus Base)

Water Year	Year Type	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1922	W	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1923	AN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1924	C	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1925	BN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1926	D	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%	-0.1%
1927	AN	-0.1%	-0.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%	-0.1%	-0.2%
1928	BN	-0.2%	-0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%
1929	C	0.1%	0.1%	0.2%	0.2%	0.2%	0.2%	0.1%	0.1%	0.2%	-0.1%	-0.4%	-0.4%
1930	C	-0.4%	-0.4%	-0.3%	-0.2%	-0.3%	-0.2%	-0.2%	-0.2%	-0.2%	-0.3%	-0.3%	-0.3%
1931	C	-0.3%	-0.3%	-0.4%	-0.3%	-0.3%	-0.1%	-0.1%	-0.1%	-0.1%	-0.2%	-0.6%	-0.7%
1932	AN	-0.4%	-0.3%	-0.1%	-0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%
1933	D	-0.4%	-0.4%	-0.4%	-0.4%	-0.4%	-0.3%	-0.2%	-0.3%	0.2%	0.2%	0.3%	0.0%
1934	C	-0.7%	-0.7%	-0.6%	-0.2%	-0.2%	-0.1%	-0.1%	-0.2%	-0.2%	-0.2%	-0.7%	0.2%
1935	AN	0.0%	-0.1%	-0.2%	-0.2%	-0.2%	-0.2%	0.0%	-0.4%	-0.4%	-0.3%	-0.2%	-0.2%
1936	AN	-0.2%	-0.3%	-0.3%	-0.3%	-0.2%	-0.2%	-0.2%	-0.2%	-0.2%	-0.2%	-0.1%	-0.4%
1937	W	-0.3%	-0.2%	-0.2%	-0.2%	-0.2%	-0.2%	-0.2%	-0.1%	-0.1%	-1.0%	-1.2%	-1.3%
1938	W	-1.1%	-0.9%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1939	D	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.4%	0.2%	-0.1%	-0.1%
1940	AN	-0.2%	-0.2%	-0.2%	-0.1%	0.0%	0.0%	0.0%	0.0%	-0.4%	-0.3%	-0.3%	0.2%
1941	W	0.2%	0.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1942	W	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1943	W	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1944	BN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1945	AN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1946	AN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1947	D	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.5%	0.2%	0.2%	0.2%
1948	BN	0.2%	0.2%	0.1%	0.1%	0.2%	0.2%	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%
1949	BN	0.1%	0.2%	0.2%	0.2%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1950	BN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1951	AN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1952	W	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1953	BN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1954	BN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1955	D	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.3%	-0.1%
1956	W	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.2%	0.0%	0.0%
1957	BN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1958	W	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1959	D	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1960	C	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1961	C	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1962	BN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1963	AN	0.0%	0.0%	0.0%	0.0%	0.0%	-0.2%	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%
1964	D	0.0%	0.0%	0.1%	0.0%	0.0%	-1.1%	-1.5%	-1.4%	-1.9%	-1.1%	1.3%	1.5%
1965	W	1.7%	1.1%	0.0%	0.0%	0.0%	0.2%	0.0%	0.0%	0.0%	0.3%	0.4%	0.4%
1966	BN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-1.3%	-1.6%	-0.9%	-1.0%
1967	W	-0.2%	-2.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1968	D	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1969	W	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1970	AN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1971	BN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1972	D	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.3%	-0.3%	-0.1%	-0.8%	-0.8%	-1.5%
1973	AN	-0.2%	-0.1%	0.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1974	W	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	1.6%	0.0%	0.0%
1975	W	0.0%	-0.5%	-0.7%	-0.8%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%
1976	C	0.0%	-0.7%	-0.7%	-0.7%	-0.6%	-0.6%	-0.6%	-0.5%	-0.3%	-0.5%	-0.3%	-0.3%
1977	C	-0.2%	-0.2%	-0.2%	-0.2%	-0.2%	-0.2%	-0.4%	-0.7%	-1.2%	-2.3%	0.0%	0.0%
1978	W	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1979	AN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1980	W	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1981	D	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1982	W	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1983	W	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1984	AN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1985	D	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1986	W	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1987	C	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1988	C	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1989	C	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1990	C	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%
1991	C	-0.1%	-0.1%	-0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%	-0.1%
1992	C	-0.1%	-0.1%	-0.2%	-0.2%	-0.1%	-0.1%	-0.1%	-0.1%	-0.1%	-0.2%	-0.1%	-0.2%
1993	W	-0.2%	-0.2%	-0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1994	C	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Average		0.0%	-0.1%	-0.1%	0.0%	0.0%	0.0%	-0.1%	-0.1%	-0.1%	-0.1%	-0.1%	-0.1%
Maximum		1.7%	1.1%	0.3%	0.2%	0.2%	0.2%	0.1%	0.1%	0.4%	1.6%	1.3%	1.5%
Minimum		-1.1%	-2.0%	-0.7%	-0.8%	-0.6%	-1.1%	-1.5%	-1.4%	-1.9%	-2.3%	-1.2%	-1.5%
Average by Year Type													
W		0.0%	-0.1%	-0.1%	-0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
AN		-0.1%	-0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%	-0.1%	-0.1%	0.0%
BN		0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%	-0.1%	-0.1%	-0.1%
D		0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%	-0.2%	-0.2%	-0.2%	-0.1%	0.0%	0.0%
C		-0.1%	-0.1%	-0.1%	-0.1%	-0.1%	-0.1%	-0.1%	-0.1%	-0.1%	-0.2%	-0.2%	-0.1%

Water year types are based on San Joaquin Valley Index (W: Wet; AN: Above Normal; BN: Below Normal; D: Dry; C: Critical)

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Table D-29. North of Delta SWP Reservoirs End-of-Month Storage: Alternative 2 in TAF

Water Year	Year Type	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1922	W	2,551	2,556	2,552	2,685	2,825	2,934	3,458	3,550	3,550	3,000	2,611	2,827
1923	AN	2,868	2,913	2,934	2,988	3,101	3,175	3,471	3,550	3,340	2,867	2,381	2,354
1924	C	2,273	2,181	2,049	2,102	2,286	2,249	2,192	1,686	1,527	1,322	1,095	1,002
1925	BN	1,002	1,046	1,105	1,243	1,858	1,970	2,260	2,390	2,041	1,869	1,769	1,706
1926	D	1,674	1,701	1,702	1,841	2,341	2,633	3,257	3,168	2,847	2,351	1,900	1,783
1927	AN	1,705	2,020	2,010	2,311	2,800	3,011	3,408	3,550	3,405	3,089	2,654	2,566
1928	BN	2,514	2,671	2,664	2,838	2,992	2,809	3,235	3,200	2,851	2,512	2,112	1,974
1929	C	1,806	1,745	1,740	1,790	1,906	2,043	2,081	1,787	1,695	1,439	1,286	1,267
1930	C	1,196	1,153	1,657	1,937	2,140	2,606	2,941	2,999	2,741	2,230	1,784	1,802
1931	C	1,732	1,757	1,784	1,918	2,044	2,245	2,158	1,726	1,607	1,276	997	907
1932	AN	862	847	795	999	1,184	1,460	1,740	2,069	2,042	1,906	1,813	1,732
1933	D	1,635	1,544	1,568	1,669	1,757	1,726	1,791	1,621	1,585	1,412	1,281	1,211
1934	C	1,092	1,049	1,030	1,256	1,366	1,640	1,610	1,087	934	744	585	501
1935	AN	441	489	552	784	979	1,254	2,264	2,616	2,477	1,979	1,472	1,150
1936	AN	997	906	871	1,381	2,158	2,561	2,952	3,133	2,910	2,336	1,860	1,821
1937	W	1,711	1,619	1,588	1,628	1,800	2,151	2,532	2,871	2,742	2,266	1,785	1,953
1938	W	1,899	2,078	2,879	2,936	2,800	2,800	3,289	3,550	3,550	3,083	2,812	3,122
1939	D	3,175	3,175	3,175	3,146	3,175	3,145	3,062	2,819	2,519	2,032	1,484	1,227
1940	AN	1,027	924	948	1,453	2,444	2,800	3,250	3,371	3,047	2,456	1,957	1,922
1941	W	1,918	1,890	2,401	2,800	2,800	2,930	3,346	3,550	3,550	3,056	2,895	2,872
1942	W	2,926	3,016	2,800	2,800	2,818	3,070	3,293	3,550	3,550	3,384	3,023	2,998
1943	W	3,019	3,097	2,978	2,800	2,902	2,949	3,362	3,492	3,225	2,909	2,488	2,444
1944	BN	2,458	2,495	2,493	2,595	2,763	3,005	3,176	3,428	3,110	2,538	2,044	1,818
1945	AN	1,623	1,696	1,864	2,026	2,630	2,924	3,158	3,413	3,097	2,537	2,102	2,010
1946	AN	1,986	2,073	2,720	3,019	3,069	3,075	3,383	3,550	3,190	2,622	2,138	1,940
1947	D	1,815	1,831	1,920	1,986	2,262	2,591	2,705	2,481	2,262	1,768	1,319	1,166
1948	BN	1,145	1,149	1,119	1,425	1,479	1,675	2,333	2,794	2,947	2,443	1,996	1,904
1949	BN	1,827	1,812	1,826	1,879	1,961	2,248	2,554	2,753	2,442	2,114	1,786	1,686
1950	BN	1,635	1,644	1,617	1,899	2,360	2,803	3,295	3,550	3,254	2,708	2,320	2,254
1951	AN	2,281	2,800	2,878	2,858	2,937	3,117	3,365	3,550	3,395	2,824	2,420	2,374
1952	W	2,422	2,479	2,800	2,800	2,844	3,000	3,464	3,550	3,550	3,550	3,536	3,362
1953	BN	3,175	3,175	2,930	2,821	3,071	3,071	3,296	3,550	3,550	3,170	2,854	2,837
1954	BN	2,866	2,998	3,128	2,930	2,915	2,955	3,304	3,222	3,014	2,498	2,070	1,906
1955	D	1,844	1,867	1,960	2,088	2,176	2,303	2,409	2,588	2,312	1,973	1,783	1,701
1956	W	1,626	1,606	2,800	2,800	2,800	3,030	3,439	3,550	3,550	3,111	2,783	2,883
1957	BN	2,950	3,034	3,130	3,128	2,859	3,002	2,986	3,270	2,994	2,620	2,284	2,274
1958	W	2,291	2,320	2,540	2,842	2,800	2,800	3,247	3,550	3,550	3,499	3,380	3,359
1959	D	3,175	3,175	3,175	2,990	2,851	3,066	3,150	3,164	2,738	2,106	1,595	1,506
1960	C	1,280	1,178	950	1,074	1,673	2,238	2,438	2,537	2,206	1,891	1,753	1,666
1961	C	1,614	1,651	1,733	1,847	2,146	2,411	2,470	2,447	2,141	1,871	1,426	1,201
1962	BN	980	923	1,011	1,133	1,704	2,053	2,555	2,765	2,576	1,981	1,488	1,368
1963	AN	2,039	2,166	2,532	2,813	3,069	2,939	3,192	3,550	3,328	2,959	2,555	2,546
1964	D	2,551	2,726	2,773	2,926	3,058	3,175	2,978	2,983	2,762	2,180	1,673	1,393
1965	W	1,230	1,244	2,800	2,800	3,009	3,108	3,366	3,428	3,443	3,035	2,740	2,805
1966	BN	2,856	2,955	2,958	3,027	3,112	3,175	3,471	3,440	3,049	2,547	2,088	1,891
1967	W	1,652	1,756	2,125	2,761	2,963	2,859	3,248	3,550	3,550	3,550	3,517	3,362
1968	D	3,174	3,174	3,153	2,934	2,974	3,048	3,031	3,109	2,850	2,368	2,040	1,815
1969	W	1,767	1,810	2,033	2,800	2,800	3,039	3,482	3,550	3,550	3,441	3,094	3,147
1970	AN	3,174	3,174	2,818	2,799	2,799	3,175	3,120	3,164	2,845	2,429	1,942	1,825
1971	BN	1,773	1,991	2,406	2,780	3,042	3,174	3,445	3,550	3,550	3,018	2,688	2,729
1972	D	2,796	2,889	3,012	3,100	3,070	3,175	3,332	3,362	2,994	2,620	2,245	2,179
1973	AN	2,133	2,294	2,571	2,800	2,800	2,963	3,298	3,550	3,111	2,606	2,214	2,213
1974	W	2,241	2,800	2,812	2,882	3,021	2,800	3,304	3,550	3,389	3,178	3,147	3,112
1975	W	3,136	3,175	3,175	3,175	2,896	2,845	3,281	3,550	3,550	3,054	2,994	2,961
1976	C	3,005	3,162	3,175	3,175	3,174	3,175	3,088	2,631	2,293	1,986	1,569	1,425
1977	C	1,305	1,219	1,130	1,111	1,078	1,059	922	855	567	288	40	40
1978	W	40	40	244	1,150	1,665	2,558	3,071	3,373	3,310	3,018	2,640	2,779
1979	AN	2,785	2,844	2,902	3,108	2,855	3,013	3,235	3,518	3,042	2,659	2,281	2,201
1980	W	2,255	2,313	2,436	2,825	2,800	3,040	3,294	3,477	3,248	3,137	2,749	2,680
1981	D	2,655	2,680	2,809	2,944	3,087	3,036	3,198	3,137	2,801	2,279	1,837	1,669
1982	W	1,648	2,578	2,800	2,955	2,999	2,948	3,315	3,550	3,550	3,144	3,020	3,171
1983	W	3,161	2,993	2,942	2,866	2,800	2,800	3,220	3,550	3,550	3,550	3,550	3,363
1984	AN	3,175	2,962	2,800	3,103	3,090	3,132	3,286	3,430	3,109	2,678	2,404	2,349
1985	D	2,375	2,583	2,745	2,825	3,017	3,129	3,357	3,231	2,836	2,256	1,747	1,526
1986	W	1,358	1,286	1,354	1,679	2,877	2,800	3,146	3,225	3,007	2,431	2,024	2,293
1987	C	2,324	2,414	2,432	2,447	2,608	2,931	2,883	2,505	2,261	1,710	1,230	998
1988	C	857	886	1,221	1,470	1,543	1,644	1,675	1,394	1,148	939	787	782
1989	C	776	939	1,034	1,099	1,239	2,433	2,816	2,597	2,453	1,854	1,400	1,475
1990	C	1,525	1,541	1,460	1,594	1,671	1,930	1,882	1,619	1,540	1,251	1,120	1,036
1991	C	991	967	965	962	930	1,318	1,515	1,332	1,270	1,125	1,027	1,030
1992	C	1,026	998	1,021	1,059	1,320	1,563	1,700	1,212	1,038	821	637	444
1993	W	435	426	589	1,168	1,679	2,862	3,468	3,550	3,550	3,001	2,643	2,700
1994	C	2,770	2,857	3,008	3,048	2,997	3,175	3,124	2,679	2,381	1,748	1,167	871
Average		1,973	2,029	2,145	2,296	2,463	2,651	2,910	2,962	2,774	2,386	2,054	1,989
Maximum		3,175	3,175	3,175	3,175	3,175	3,175	3,482	3,550	3,550	3,550	3,550	3,363
Minimum		40	40	244	784	930	1,059	922	855	567	288	40	40
Average by Year Type													
W		1,964	2,054	2,332	2,558	2,695	2,866	3,281	3,478	3,426	3,120	2,871	2,910
AN		1,935	2,008	2,085	2,317	2,565	2,757	3,080	3,287	3,024	2,568	2,157	2,071
BN		2,098	2,158	2,199	2,308	2,510	2,662	2,992	3,159	2,948	2,502	2,125	2,029
D		2,443	2,486	2,545	2,586	2,706	2,821	2,934	2,879	2,591	2,122	1,718	1,562
C		1,598	1,606	1,649	1,743	1,883	2,166	2,218	1,943	1,738	1,406	1,119	1,028

Water year types are based on San Joaquin Valley Index (W: Wet; AN: Above Normal; BN: Below Normal; D: Dry; C: Critical)

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Table D-30. North of Delta SWP Reservoirs End-of-Month Storage: Difference in TAF (Alt 2 minus Base)

Water Year	Year Type	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1922	W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1923	AN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1924	C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1925	BN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1926	D	0.0	0.0	0.0	0.0	0.0	0.0	0.0	16.8	-3.4	-2.2	-8.1	-8.1
1927	AN	-6.3	-6.3	-6.4	-6.4	0.0	0.0	0.0	0.0	0.1	5.4	5.4	5.4
1928	BN	5.4	5.4	5.4	5.4	5.4	0.0	0.0	0.1	0.1	0.2	2.3	-0.1
1929	C	0.5	-0.5	-0.5	-0.5	-0.5	-0.5	-0.5	-0.5	-0.5	1.9	1.6	0.8
1930	C	0.7	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.1	-2.2	-3.0	-3.6	-8.5
1931	C	-8.5	-8.5	-8.5	-8.5	-8.5	-8.5	-8.1	-3.5	-3.5	1.2	17.5	8.6
1932	AN	7.3	10.9	10.9	11.0	11.0	10.9	10.9	10.9	13.4	21.8	22.3	22.7
1933	D	28.6	28.6	28.6	28.7	28.7	28.7	28.7	29.3	31.7	31.6	31.6	31.4
1934	C	31.2	31.0	31.0	31.1	31.1	31.1	31.0	31.0	30.9	30.7	30.6	30.4
1935	AN	30.3	30.3	30.4	30.4	30.5	30.5	30.4	17.2	266.8	174.3	108.3	40.1
1936	AN	36.5	36.4	24.8	24.8	24.8	24.8	24.8	24.7	24.5	24.4	24.2	22.8
1937	W	22.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	8.1	8.5	9.2	8.0
1938	W	8.0	8.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1939	D	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-19.2	-17.3	-16.2	-17.9
1940	AN	-19.2	-19.2	-19.3	-19.3	-19.3	0.0	0.0	-0.1	-1.0	-1.1	13.9	5.6
1941	W	5.7	5.7	5.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1942	W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1943	W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1944	BN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1945	AN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1946	AN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1947	D	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	20.4	-8.8	4.2	-4.2
1948	BN	-4.7	-4.5	-5.5	-5.5	-4.0	-4.0	-4.0	-4.0	-4.0	-4.0	-2.7	-2.7
1949	BN	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.2	-1.8	-1.8
1950	BN	-1.8	-1.8	-1.8	-1.8	-1.8	-1.8	-1.8	0.0	1.6	1.6	1.6	1.6
1951	AN	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-1.1	-1.1	-1.1
1952	W	-1.1	-1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1953	BN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1954	BN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1955	D	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	-0.2	-0.2
1956	W	-0.2	-0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.6	-1.7	-1.7
1957	BN	-1.7	-1.7	-1.7	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	-0.5	-0.5
1958	W	-0.5	-0.5	-0.5	-0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1959	D	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1960	C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1961	C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0
1962	BN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.8	2.2	2.2	2.3
1963	AN	2.3	2.3	2.3	2.3	0.0	0.0	0.0	0.0	11.0	13.7	19.8	17.7
1964	D	17.7	17.7	17.7	17.7	17.7	7.9	2.5	-0.4	18.4	18.5	23.7	12.0
1965	W	20.5	20.5	0.0	0.0	0.0	0.0	0.0	0.9	1.1	-43.2	-43.8	0.8
1966	BN	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.1	1.8	-21.2	-21.8	-10.5
1967	W	-10.5	-2.3	-2.3	-2.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1968	D	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.2	0.2
1969	W	0.1	0.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1970	AN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1971	BN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1972	D	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	2.5	1.7	0.8	-4.6
1973	AN	-4.6	-4.6	-4.6	0.0	0.0	0.0	0.0	0.0	0.0	-0.8	-0.8	-3.7
1974	W	-3.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	-226.8	-140.8	-140.5
1975	W	-39.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-23.4	-17.4	-39.4
1976	C	-39.3	-12.5	0.0	0.0	0.0	0.0	0.0	-5.5	-5.5	-11.7	-13.0	-11.1
1977	C	-12.8	-12.9	-13.8	-13.9	-13.9	-13.9	-13.9	-8.3	-5.8	-5.7	0.0	0.0
1978	W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.5	-11.7	-12.1	-0.7
1979	AN	-0.8	-0.8	-0.8	-0.8	0.0	0.0	0.0	0.0	-0.1	-0.2	-0.3	-0.3
1980	W	-0.3	-0.3	-0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	-0.1
1981	D	-0.1	-0.1	-0.1	-0.1	0.0	0.0	0.0	0.0	0.0	-0.3	-0.6	-0.5
1982	W	-0.5	-0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	-0.2	-0.1
1983	W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1984	AN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	-0.1	0.0	-0.3
1985	D	-0.3	-0.3	-0.3	-0.3	-0.3	0.0	-0.2	-0.2	-0.2	-0.3	-0.3	-0.4
1986	W	-0.4	-0.4	-0.4	-0.4	-0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1987	C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.2
1988	C	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-1.4	-1.4	-1.4	-1.5
1989	C	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.5	-1.4	-1.4	-0.1	0.0
1990	C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.4	1.4	1.4	1.7	1.7
1991	C	1.7	1.7	1.6	1.6	0.4	0.4	0.4	0.9	0.8	0.8	0.9	2.0
1992	C	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.5	2.7
1993	W	2.6	2.3	2.3	2.3	2.3	2.3	0.0	0.0	0.0	0.0	0.0	-0.6
1994	C	-0.6	-0.6	-0.6	-0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.3
Average		0.9	1.7	1.3	1.3	1.4	1.5	1.4	1.5	5.3	-0.5	0.5	-0.6
Maximum		36.5	36.4	31.0	31.1	31.1	31.1	31.0	31.0	266.8	174.3	108.3	40.1
Minimum		-39.3	-19.2	-19.3	-19.3	-19.3	-13.9	-13.9	-8.3	-19.2	-226.8	-140.8	-140.5
Average by Year Type													
W		0.2	1.7	0.4	0.1	0.2	0.2	0.1	0.2	0.5	-14.5	-10.3	-8.7
AN		3.4	3.5	2.7	3.0	3.4	4.7	4.7	3.8	22.5	16.9	13.7	7.8
BN		-0.3	-0.4	-0.5	-0.4	-0.3	-0.7	-0.7	-0.5	-0.2	-2.0	-1.7	-1.0
D		4.2	4.2	4.2	4.2	4.2	3.3	2.8	4.1	4.5	2.1	3.2	0.7
C		-1.6	-0.1	0.6	0.6	0.6	0.6	0.6	1.0	1.0	1.0	2.3	1.5

Water year types are based on San Joaquin Valley Index (W: Wet; AN: Above Normal; BN: Below Normal; D: Dry; C: Critical)

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Table D-31. North of Delta SWP Reservoirs End-of-Month Storage: Difference in Percentage (Alt 2 minus Base)

Water Year	Year Type	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1922	W	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1923	AN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1924	C	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1925	BN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1926	D	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.5%	-0.1%	-0.1%	-0.4%	-0.5%
1927	AN	-0.4%	-0.3%	-0.3%	-0.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.2%	0.2%	0.2%
1928	BN	0.2%	0.2%	0.2%	0.2%	0.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%
1929	C	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.1%	0.1%
1930	C	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%	-0.1%	-0.2%	-0.5%
1931	C	-0.5%	-0.5%	-0.5%	-0.4%	-0.4%	-0.4%	-0.4%	-0.2%	0.1%	1.8%	1.0%	1.0%
1932	AN	0.9%	1.3%	1.4%	1.1%	0.9%	0.8%	0.6%	0.5%	0.7%	1.2%	1.2%	1.3%
1933	D	1.8%	1.9%	1.9%	1.7%	1.7%	1.7%	1.6%	1.8%	2.0%	2.3%	2.5%	2.7%
1934	C	2.9%	3.0%	3.1%	2.5%	2.3%	1.9%	2.0%	2.9%	3.4%	4.3%	5.5%	6.5%
1935	AN	7.4%	6.6%	5.8%	4.0%	3.2%	2.5%	1.4%	0.7%	12.1%	9.7%	7.9%	3.6%
1936	AN	3.8%	4.2%	2.9%	1.8%	1.2%	1.0%	0.8%	0.8%	0.8%	1.1%	1.3%	1.3%
1937	W	1.3%	0.2%	0.2%	0.2%	0.1%	0.1%	0.1%	0.1%	0.3%	0.4%	0.5%	0.4%
1938	W	0.4%	0.4%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1939	D	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.8%	-0.8%	-1.1%	-1.4%
1940	AN	-1.8%	-2.0%	-2.0%	-1.3%	-0.8%	0.0%	0.0%	0.0%	0.0%	0.0%	0.7%	0.3%
1941	W	0.3%	0.3%	0.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1942	W	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1943	W	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1944	BN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1945	AN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1946	AN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1947	D	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.9%	-0.5%	0.3%	-0.4%
1948	BN	-0.4%	-0.4%	-0.5%	-0.4%	-0.3%	-0.2%	-0.2%	-0.1%	-0.1%	-0.2%	-0.1%	-0.1%
1949	BN	-0.1%	-0.1%	-0.1%	-0.1%	-0.1%	-0.1%	-0.1%	-0.1%	-0.1%	-0.1%	-0.1%	-0.1%
1950	BN	-0.1%	-0.1%	-0.1%	-0.1%	-0.1%	-0.1%	-0.1%	0.0%	0.0%	0.1%	0.1%	0.1%
1951	AN	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1952	W	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1953	BN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1954	BN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1955	D	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1956	W	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.2%	-0.1%	-0.1%
1957	BN	-0.1%	-0.1%	-0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1958	W	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1959	D	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1960	C	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1961	C	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1962	BN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.1%	0.2%
1963	AN	0.1%	0.1%	0.1%	0.1%	0.0%	0.0%	0.0%	0.0%	0.3%	0.5%	0.8%	0.7%
1964	D	0.7%	0.7%	0.6%	0.6%	0.6%	0.2%	0.1%	0.0%	0.7%	0.9%	1.4%	0.9%
1965	W	1.7%	1.7%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-1.4%	-1.6%	0.0%
1966	BN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	-0.8%	-1.0%	-0.6%
1967	W	-0.6%	-0.1%	-0.1%	-0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1968	D	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1969	W	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1970	AN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1971	BN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1972	D	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.1%	0.0%	-0.2%
1973	AN	-0.2%	-0.2%	-0.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.2%
1974	W	-0.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-6.7%	-4.3%	-4.3%
1975	W	-1.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.8%	-0.6%	-1.3%
1976	C	-1.3%	-0.4%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.2%	-0.2%	-0.6%	-0.8%	-0.8%
1977	C	-1.0%	-1.0%	-1.2%	-1.2%	-1.3%	-1.3%	-1.5%	-1.0%	-1.0%	-2.0%	0.0%	0.0%
1978	W	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.4%	-0.5%	0.0%
1979	AN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1980	W	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1981	D	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1982	W	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1983	W	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1984	AN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1985	D	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1986	W	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1987	C	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1988	C	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%	-0.1%	-0.2%	-0.2%
1989	C	-0.2%	-0.2%	-0.1%	-0.1%	-0.1%	-0.1%	-0.1%	-0.1%	-0.1%	-0.1%	0.0%	0.0%
1990	C	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.1%	0.1%	0.1%	0.2%
1991	C	0.2%	0.2%	0.2%	0.2%	0.0%	0.0%	0.0%	0.1%	0.1%	0.1%	0.1%	0.2%
1992	C	0.3%	0.3%	0.3%	0.3%	0.2%	0.2%	0.2%	0.2%	0.3%	0.3%	0.4%	0.6%
1993	W	0.6%	0.5%	0.4%	0.2%	0.1%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1994	C	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Average		0.2%	0.2%	0.2%	0.1%	0.1%	0.1%	0.1%	0.1%	0.3%	0.1%	0.2%	0.1%
Maximum		7.4%	6.6%	5.8%	4.0%	3.2%	2.5%	2.0%	2.9%	12.1%	9.7%	7.9%	6.5%
Minimum		-1.8%	-2.0%	-2.0%	-1.3%	-1.3%	-1.3%	-1.5%	-1.0%	-1.0%	-6.7%	-4.3%	-4.3%
Average by Year Type													
W		0.1%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.4%	-0.3%	-0.3%
AN		0.7%	0.7%	0.6%	0.4%	0.3%	0.3%	0.2%	0.1%	1.0%	0.9%	0.9%	0.5%
BN		0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%	-0.1%	0.0%
D		0.2%	0.2%	0.2%	0.2%	0.2%	0.2%	0.2%	0.2%	0.3%	0.2%	0.3%	0.1%
C		0.0%	0.1%	0.1%	0.1%	0.0%	0.0%	0.0%	0.1%	0.1%	0.1%	0.4%	0.4%

Water year types are based on San Joaquin Valley Index (W: Wet; AN: Above Normal; BN: Below Normal; D: Dry; C: Critical)

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Table D-32. South of Delta CVP Total Deliveries: Alternative 2 in TAF

Water Year	Year Type	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
1922	W	204	123	107	137	166	156	195	328	476	551	453	254	3,152
1923	AN	199	120	102	129	156	155	190	272	395	450	380	230	2,776
1924	C	183	107	85	101	123	76	84	121	157	164	160	131	1,492
1925	BN	110	60	35	26	36	131	153	226	327	365	317	208	1,994
1926	D	169	96	70	77	96	110	125	174	245	263	243	183	1,852
1927	AN	152	84	54	49	63	161	195	300	441	507	422	244	2,672
1928	BN	192	115	96	117	142	152	189	278	407	464	390	233	2,775
1929	C	185	109	88	105	128	96	107	150	203	212	205	169	1,759
1930	C	144	77	44	34	47	123	148	210	297	328	291	199	1,940
1931	C	163	92	65	67	84	79	88	128	168	177	169	135	1,415
1932	AN	113	62	37	30	40	94	108	150	212	231	209	149	1,436
1933	D	122	69	47	45	58	75	83	114	155	161	158	131	1,219
1934	C	110	59	34	25	35	92	105	152	205	224	204	147	1,393
1935	AN	121	68	46	43	55	92	106	226	315	351	307	205	1,935
1936	AN	166	95	68	73	92	139	165	235	337	379	327	211	2,287
1937	W	171	98	73	80	100	100	152	221	306	339	298	202	2,138
1938	W	165	93	66	70	88	152	192	285	408	466	391	234	2,611
1939	D	185	110	88	105	129	129	162	238	344	387	333	213	2,425
1940	AN	172	99	74	83	103	129	154	259	375	426	362	223	2,457
1941	W	179	104	81	94	116	162	195	316	456	526	435	249	2,911
1942	W	195	117	99	122	148	161	195	306	441	507	422	244	2,956
1943	W	192	115	96	117	142	155	195	301	432	496	414	242	2,896
1944	BN	191	114	94	114	138	142	163	239	345	388	334	213	2,475
1945	AN	172	99	74	83	104	151	185	275	392	446	377	229	2,585
1946	AN	182	107	85	99	122	146	174	291	424	485	399	239	2,753
1947	D	189	112	92	111	135	122	171	247	351	395	339	215	2,478
1948	BN	173	100	75	85	102	111	157	275	393	448	378	229	2,526
1949	BN	182	107	85	100	123	118	179	255	370	419	357	221	2,515
1950	BN	177	103	80	92	113	114	143	203	286	314	280	196	2,100
1951	AN	161	90	63	63	80	161	189	283	415	474	398	236	2,612
1952	W	187	111	90	108	131	142	195	310	448	516	428	246	2,911
1953	BN	194	116	97	119	144	154	186	288	419	480	402	238	2,836
1954	BN	188	112	91	109	133	150	191	309	454	523	362	248	2,868
1955	D	195	117	98	121	130	142	168	245	345	387	334	213	2,493
1956	W	172	99	74	83	103	163	189	294	429	492	410	241	2,748
1957	BN	190	113	93	113	137	163	189	308	448	516	428	246	2,943
1958	W	194	116	97	119	144	155	195	310	448	516	428	246	2,967
1959	D	193	116	97	119	144	160	187	306	447	514	414	246	2,943
1960	C	193	116	97	119	144	92	123	173	192	256	237	181	1,923
1961	C	151	83	52	46	61	135	194	284	405	463	389	233	2,497
1962	BN	185	109	88	104	128	143	174	274	405	463	350	233	2,656
1963	AN	185	109	88	104	127	157	194	317	467	539	445	252	2,985
1964	D	197	118	101	125	152	133	156	222	317	353	309	205	2,390
1965	W	167	95	69	74	92	147	175	327	475	549	452	242	2,864
1966	BN	199	119	102	128	155	147	182	290	423	485	364	239	2,832
1967	W	189	112	92	111	128	141	170	253	357	403	345	217	2,518
1968	D	175	101	77	87	108	160	187	311	455	524	406	248	2,839
1969	W	195	117	98	121	147	140	195	310	448	516	428	246	2,961
1970	AN	194	116	97	119	144	159	190	286	417	477	400	237	2,836
1971	BN	187	111	91	109	132	154	183	307	449	517	403	247	2,889
1972	D	194	116	97	119	145	148	177	276	393	448	378	229	2,720
1973	AN	182	107	85	100	123	158	195	305	439	505	420	244	2,862
1974	W	192	115	95	116	141	161	195	297	426	489	381	240	2,847
1975	W	189	113	93	112	136	167	195	306	441	508	422	244	2,925
1976	C	192	115	96	117	142	110	125	176	243	262	242	183	2,001
1977	C	152	84	53	48	63	75	83	118	155	161	112	131	1,236
1978	W	110	59	34	25	35	139	175	260	368	417	355	221	2,199
1979	AN	177	103	79	91	113	146	195	288	413	472	396	235	2,707
1980	W	187	110	90	107	130	155	195	302	434	499	416	242	2,867
1981	D	191	114	94	115	139	152	189	305	450	518	430	247	2,943
1982	W	194	116	97	120	145	140	184	305	439	505	420	244	2,909
1983	W	192	115	95	116	141	145	183	272	387	440	372	227	2,684
1984	AN	181	106	84	98	120	160	189	316	468	541	446	252	2,961
1985	D	197	118	101	126	152	141	172	249	359	406	312	218	2,552
1986	W	175	101	77	88	109	137	180	272	387	440	373	227	2,567
1987	C	181	106	84	98	120	103	136	194	268	292	264	191	2,037
1988	C	157	88	59	57	73	99	111	161	211	222	212	172	1,622
1989	C	145	78	46	37	50	92	148	215	297	329	291	199	1,929
1990	C	163	92	65	67	85	92	102	148	191	197	194	165	1,562
1991	C	141	75	41	30	42	88	99	144	193	208	192	143	1,396
1992	C	118	66	43	39	50	99	139	201	284	321	275	171	1,807
1993	W	136	80	62	70	87	153	195	300	431	495	413	241	2,663
1994	C	190	113	94	113	138	157	196	297	449	526	340	222	2,835
Average		174	101	79	91	111	133	165	253	362	411	344	217	2,442
Maximum		204	123	107	137	166	167	196	328	476	551	453	254	3,152
Minimum		110	59	34	25	35	75	83	114	155	161	112	131	1,219
Average by Year Type														
W		179	105	84	99	122	149	187	294	422	483	403	237	2,765
AN		168	97	74	83	103	143	173	272	393	449	378	228	2,562
BN		181	106	86	101	124	140	174	271	394	448	364	229	2,618
D		182	108	88	105	126	134	162	244	351	396	332	213	2,441
C		161	91	65	69	87	101	124	179	245	271	236	173	1,803

Water year types are based on San Joaquin Valley Index (W: Wet; AN: Above Normal; BN: Below Normal; D: Dry; C: Critical)

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Table D-33. South of Delta CVP Total Deliveries: Difference in TAF (Alt 2 minus Base)

Water Year	Year Type	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
1922	W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1923	AN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1924	C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1925	BN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1926	D	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1927	AN	0.0	0.0	0.0	0.0	0.0	-0.3	0.0	0.0	0.0	0.0	0.0	0.0	-0.3
1928	BN	0.0	0.0	0.0	0.0	0.0	-0.6	0.0	-0.6	-0.9	-1.2	-0.9	-0.3	-4.5
1929	C	-0.2	-0.2	-0.2	-0.3	-0.4	0.2	0.3	0.5	0.7	0.9	0.7	0.2	2.2
1930	C	0.2	0.1	0.2	0.3	0.3	-0.2	-0.2	-0.3	-0.5	-0.7	-0.5	-0.2	-1.6
1931	C	-0.1	-0.1	-0.1	-0.2	-0.2	-0.1	-0.2	-0.2	-0.4	-0.5	-0.3	-0.1	-2.5
1932	AN	-0.1	-0.1	-0.1	-0.1	-0.1	-0.6	-0.8	-1.1	-1.7	-2.1	-1.6	-0.6	-9.0
1933	D	-0.4	-0.3	-0.4	-0.6	-0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-2.4
1934	C	0.0	0.0	0.0	0.0	0.0	-0.2	-0.3	-0.4	-0.6	-0.8	-0.6	-0.2	-3.1
1935	AN	-0.1	-0.1	-0.1	-0.2	-0.2	0.0	-0.4	-0.1	-0.1	-0.2	-0.1	0.0	-1.8
1936	AN	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.2
1937	W	0.0	0.0	0.0	0.0	0.0	-0.5	-0.2	-0.3	-0.4	-0.5	-0.4	-0.1	-2.4
1938	W	-0.1	-0.1	-0.1	-0.1	-0.2	0.1	0.2	0.2	0.4	0.5	0.4	0.1	1.4
1939	D	0.1	0.1	0.1	0.1	0.2	0.0	0.0	0.0	0.1	0.1	0.1	0.0	0.8
1940	AN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.0	0.5
1941	W	0.0	0.0	0.0	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.7
1942	W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1943	W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1944	BN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1945	AN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1946	AN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1947	D	0.0	0.0	0.0	0.0	0.0	0.0	-0.5	-0.7	-1.0	-1.3	-0.9	-0.3	-4.7
1948	BN	-0.2	-0.2	-0.2	-0.4	-4.2	0.3	0.0	0.4	0.6	0.8	0.6	0.2	-2.3
1949	BN	0.1	0.1	0.1	0.2	0.2	0.1	-0.1	-0.1	-0.2	-0.2	-0.2	-0.1	0.2
1950	BN	0.0	0.0	0.0	-0.1	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1
1951	AN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1952	W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1953	BN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1954	BN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1955	D	0.0	0.0	0.0	0.0	-16.7	0.2	0.3	0.4	0.7	0.9	0.6	0.2	-13.3
1956	W	0.1	0.1	0.1	0.2	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	1.0
1957	BN	0.0	0.0	0.0	0.0	0.0	-0.3	0.0	-0.6	-1.0	-1.2	-0.9	-0.3	-4.3
1958	W	-0.2	-0.1	-0.2	-0.3	-0.4	0.4	0.0	0.0	0.0	0.0	0.0	0.0	-0.8
1959	D	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1960	C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1961	C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
1962	BN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	-2.0	0.0	-2.1
1963	AN	0.0	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.5
1964	D	0.0	0.0	0.0	0.0	0.0	-0.9	-1.2	-1.8	-2.8	-3.5	-2.6	-0.8	-13.5
1965	W	-0.5	-0.4	-0.5	-1.0	-1.1	0.0	0.0	0.0	0.0	0.0	0.0	-12.6	-16.1
1966	BN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.7	15.3	23.1	58.9	5.0	112.1
1967	W	3.3	2.7	3.5	5.4	-0.8	-1.0	-1.4	-2.1	-3.2	-4.0	-3.0	-1.1	-1.6
1968	D	-0.7	-0.6	-0.7	-1.1	-1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-4.4
1969	W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1970	AN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1971	BN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1972	D	0.0	0.0	0.0	0.0	0.0	0.6	-3.1	0.0	0.0	0.0	0.0	0.0	-2.4
1973	AN	0.0	0.0	0.0	0.0	0.0	2.2	0.0	0.0	0.0	0.0	0.0	0.0	2.0
1974	W	0.0	0.0	0.0	0.0	0.0	1.3	0.0	0.0	0.0	0.0	-27.1	0.0	-25.9
1975	W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1976	C	0.0	0.0	0.0	0.0	0.0	0.6	0.7	1.1	1.7	2.1	1.6	0.6	8.3
1977	C	0.4	0.3	0.4	0.6	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.3
1978	W	0.0	0.0	0.0	0.0	0.0	-0.8	-1.1	-1.7	-2.6	-3.2	-2.4	-0.9	-12.7
1979	AN	-0.6	-0.5	-0.6	-0.9	-1.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	-3.8
1980	W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1
1981	D	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1982	W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1
1983	W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1984	AN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1985	D	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1986	W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1
1987	C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1
1988	C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.2
1989	C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1
1990	C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1991	C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1992	C	0.0	0.0	0.0	0.0	0.0	-0.1	-0.2	-0.3	-0.5	-0.6	-0.4	-0.1	-2.3
1993	W	-0.1	-0.1	-0.1	-0.2	-0.2	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	-0.7
1994	C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.3	-0.4	-0.5	1.2	-0.1	-0.2
Average		0.0	0.0	0.0	0.0	-0.4	0.0	-0.1	0.0	0.0	0.1	0.3	-0.2	-0.1
Maximum		3.3	2.7	3.5	5.4	0.7	2.2	0.7	9.7	15.3	23.1	58.9	5.0	112.1
Minimum		-0.7	-0.6	-0.7	-1.1	-16.7	-1.0	-3.1	-2.1	-3.2	-4.0	-27.1	-12.6	-25.9
Average by Year Type														
W		0.1	0.1	0.1	0.2	-0.1	0.0	-0.1	-0.2	-0.3	-0.4	-1.6	-0.7	-2.9
AN		-0.1	0.0	-0.1	-0.1	-0.1	0.1	-0.1	-0.1	-0.1	-0.2	-0.1	0.0	-0.9
BN		0.0	0.0	0.0	0.0	-0.3	0.0	0.0	0.7	1.1	1.8	4.6	0.4	8.2
D		-0.1	-0.1	-0.1	-0.1	-1.7	0.0	-0.4	-0.2	-0.3	-0.3	-0.3	-0.1	-3.6
C		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.2

Water year types are based on San Joaquin Valley Index (W: Wet; AN: Above Normal; BN: Below Normal; D: Dry; C: Critical)

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Table D-34. South of Delta CVP Total Deliveries: Difference in Percentage (Alt 2 minus Base)

Water Year	Year Type	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
1922	W	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1923	AN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1924	C	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1925	BN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1926	D	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1927	AN	0.0%	0.0%	0.0%	0.0%	0.0%	-0.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1928	BN	0.0%	0.0%	0.0%	0.0%	0.0%	-0.4%	0.0%	-0.2%	-0.2%	-0.3%	-0.2%	-0.1%	-0.2%
1929	C	-0.1%	-0.2%	-0.2%	-0.3%	-0.3%	0.3%	0.3%	0.3%	0.4%	0.4%	0.3%	0.1%	0.1%
1930	C	0.1%	0.2%	0.4%	0.8%	0.6%	-0.1%	-0.2%	-0.2%	-0.2%	-0.2%	-0.2%	-0.1%	-0.1%
1931	C	-0.1%	-0.1%	-0.2%	-0.3%	-0.3%	-0.2%	-0.2%	-0.2%	-0.2%	-0.3%	-0.2%	-0.1%	-0.2%
1932	AN	-0.1%	-0.1%	-0.2%	-0.4%	-0.4%	-0.6%	-0.7%	-0.7%	-0.8%	-0.9%	-0.7%	-0.4%	-0.6%
1933	D	-0.3%	-0.4%	-0.8%	-1.3%	-1.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.2%
1934	C	0.0%	0.0%	0.0%	0.0%	0.0%	-0.2%	-0.3%	-0.3%	-0.3%	-0.3%	-0.3%	-0.1%	-0.2%
1935	AN	-0.1%	-0.2%	-0.3%	-0.5%	-0.4%	0.0%	-0.4%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%
1936	AN	0.0%	0.0%	0.0%	-0.1%	-0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1937	W	0.0%	0.0%	0.0%	0.0%	0.0%	-0.5%	-0.1%	-0.1%	-0.1%	-0.2%	-0.1%	-0.1%	-0.1%
1938	W	0.0%	-0.1%	-0.1%	-0.2%	-0.2%	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%
1939	D	0.0%	0.1%	0.1%	0.1%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1940	AN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1941	W	0.0%	0.0%	0.0%	0.0%	0.0%	0.4%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1942	W	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1943	W	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1944	BN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1945	AN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1946	AN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1947	D	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.3%	-0.3%	-0.3%	-0.3%	-0.3%	-0.2%	-0.2%
1948	BN	-0.1%	-0.2%	-0.3%	-0.4%	-0.4%	0.3%	0.0%	0.1%	0.2%	0.2%	0.2%	0.1%	-0.1%
1949	BN	0.1%	0.1%	0.2%	0.2%	0.2%	0.1%	0.0%	0.0%	0.0%	-0.1%	0.0%	0.0%	0.0%
1950	BN	0.0%	0.0%	0.0%	-0.1%	-0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1951	AN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1952	W	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1953	BN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1954	BN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1955	D	0.0%	0.0%	0.0%	0.0%	-11.4%	0.2%	0.2%	0.2%	0.2%	0.2%	0.2%	0.1%	-0.5%
1956	W	0.1%	0.1%	0.2%	0.3%	0.3%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1957	BN	0.0%	0.0%	0.0%	0.0%	0.0%	-0.2%	0.0%	-0.2%	-0.2%	-0.2%	-0.2%	-0.1%	-0.1%
1958	W	-0.1%	-0.1%	-0.2%	-0.3%	-0.3%	0.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1959	D	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1960	C	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1961	C	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1962	BN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.6%	0.0%	-0.1%
1963	AN	0.0%	0.0%	0.0%	0.0%	0.0%	0.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1964	D	0.0%	0.0%	0.0%	0.0%	0.0%	-0.6%	-0.8%	-0.8%	-0.9%	-1.0%	-0.8%	-0.4%	-0.6%
1965	W	-0.3%	-0.4%	-0.8%	-1.3%	-1.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-4.9%	-0.6%
1966	BN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	3.5%	3.7%	5.0%	19.3%	2.2%	4.1%	4.1%
1967	W	1.8%	2.5%	4.0%	5.2%	-0.6%	-0.7%	-0.8%	-0.8%	-0.9%	-1.0%	-0.8%	-0.5%	-0.1%
1968	D	-0.4%	-0.6%	-1.0%	-1.3%	-1.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.2%
1969	W	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1970	AN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1971	BN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1972	D	0.0%	0.0%	0.0%	0.0%	0.0%	0.4%	-1.7%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%
1973	AN	0.0%	0.0%	0.0%	0.0%	0.0%	1.4%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%
1974	W	0.0%	0.0%	0.0%	0.0%	0.0%	0.8%	0.0%	0.0%	0.0%	0.0%	-6.6%	0.0%	-0.9%
1975	W	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1976	C	0.0%	0.0%	0.0%	0.0%	0.0%	0.5%	0.6%	0.6%	0.7%	0.8%	0.6%	0.3%	0.4%
1977	C	0.2%	0.4%	0.7%	1.3%	1.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.2%
1978	W	0.0%	0.0%	0.0%	0.0%	0.0%	-0.6%	-0.6%	-0.6%	-0.7%	-0.8%	-0.7%	-0.4%	-0.6%
1979	AN	-0.3%	-0.4%	-0.8%	-1.0%	-0.9%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%
1980	W	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1981	D	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1982	W	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1983	W	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1984	AN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1985	D	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1986	W	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1987	C	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1988	C	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1989	C	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1990	C	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1991	C	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1992	C	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%	-0.1%	-0.1%	-0.2%	-0.2%	-0.2%	-0.1%	-0.1%
1993	W	-0.1%	-0.1%	-0.1%	-0.2%	-0.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1994	C	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%	-0.1%	-0.1%	0.3%	-0.1%	0.0%
Average		0.0%	0.0%	0.0%	0.0%	-0.3%	0.0%	-0.1%	0.0%	0.0%	0.0%	0.1%	-0.1%	0.0%
Maximum		1.8%	2.5%	4.0%	5.2%	1.1%	1.4%	0.6%	3.5%	3.7%	5.0%	19.3%	2.2%	4.1%
Minimum		-0.4%	-0.6%	-1.0%	-1.3%	-11.4%	-0.7%	-1.7%	-0.8%	-0.9%	-1.0%	-6.6%	-4.9%	-0.9%
Average by Year Type														
W		0.1%	0.1%	0.1%	0.2%	-0.1%	0.0%	-0.1%	-0.1%	-0.1%	-0.1%	-0.4%	-0.3%	-0.1%
AN		0.0%	-0.1%	-0.1%	-0.1%	-0.1%	0.1%	-0.1%	-0.1%	-0.1%	-0.1%	-0.1%	0.0%	-0.1%
BN		0.0%	0.0%	0.0%	0.0%	-0.3%	0.0%	0.0%	0.3%	0.3%	0.4%	1.5%	0.2%	0.3%
D		-0.1%	-0.1%	-0.2%	-0.2%	-1.2%	0.0%	-0.2%	-0.1%	-0.1%	-0.1%	-0.1%	0.0%	-0.2%
C		0.0%	0.0%	0.0%	0.1%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%

Water year types are based on San Joaquin Valley Index (W: Wet; AN: Above Normal; BN: Below Normal; D: Dry; C: Critical)

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Table D-35. North of Delta CVP Total Deliveries: Alternative 2 in TAF

Water Year	Year Type	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
1922	W	59	16	10	5	4	4	357	394	482	485	426	209	2,451
1923	AN	29	16	10	5	4	62	247	411	455	481	424	134	2,277
1924	C	59	22	10	5	4	37	284	312	340	338	291	131	1,833
1925	BN	15	12	7	4	3	1	209	290	442	480	420	175	2,058
1926	D	73	16	10	5	4	29	141	348	455	455	396	204	2,136
1927	AN	35	16	10	5	4	5	295	391	450	485	427	209	2,331
1928	BN	33	16	10	5	4	1	242	403	469	474	422	207	2,286
1929	C	70	16	10	5	4	16	302	383	351	416	371	187	2,130
1930	C	66	28	10	5	4	1	218	350	460	459	409	177	2,186
1931	C	65	16	10	5	4	51	295	272	312	351	303	136	1,818
1932	AN	43	12	7	4	3	15	259	272	347	358	318	157	1,795
1933	D	56	16	7	4	3	29	288	283	337	337	291	130	1,782
1934	C	35	21	7	4	3	10	261	308	351	365	314	141	1,820
1935	AN	38	12	7	4	3	1	118	367	476	474	423	202	2,125
1936	AN	41	19	10	5	4	5	246	361	406	464	416	199	2,175
1937	W	71	29	10	5	4	1	234	391	419	455	406	204	2,229
1938	W	38	16	10	5	4	1	207	371	485	486	427	175	2,226
1939	D	39	18	10	5	32	92	392	345	438	434	390	162	2,358
1940	AN	53	27	10	5	4	1	244	331	480	485	426	204	2,270
1941	W	34	16	10	5	4	1	117	283	469	489	430	209	2,067
1942	W	36	16	10	5	4	1	125	324	483	490	430	206	2,129
1943	W	65	16	10	5	4	2	228	398	474	485	428	210	2,322
1944	BN	67	18	10	5	4	13	282	342	440	463	413	207	2,263
1945	AN	50	16	10	5	4	1	290	336	443	486	427	210	2,278
1946	AN	21	16	10	5	4	11	376	410	480	471	426	203	2,432
1947	D	68	16	10	5	4	4	299	380	405	463	410	206	2,270
1948	BN	23	16	10	5	16	26	107	247	406	487	426	186	1,953
1949	BN	51	18	10	5	5	1	287	356	474	474	421	205	2,306
1950	BN	77	17	10	5	4	10	308	387	438	445	396	184	2,279
1951	AN	23	16	10	5	4	11	350	337	483	484	425	206	2,353
1952	W	26	16	10	5	4	1	268	399	437	481	427	206	2,279
1953	BN	76	16	10	5	4	27	259	372	454	484	392	209	2,307
1954	BN	63	16	10	5	4	1	209	393	468	486	385	207	2,246
1955	D	69	16	10	5	4	46	281	391	449	449	401	174	2,293
1956	W	61	16	10	5	4	34	314	336	461	485	427	187	2,338
1957	BN	39	27	10	5	4	28	307	349	487	489	430	102	2,275
1958	W	23	20	10	5	4	1	129	311	444	471	424	204	2,046
1959	D	69	26	10	5	4	19	394	437	483	483	417	97	2,443
1960	C	77	30	10	5	4	2	270	332	433	432	386	194	2,174
1961	C	65	16	10	5	4	1	284	387	454	476	419	186	2,305
1962	BN	71	16	10	5	4	2	327	404	465	485	423	201	2,411
1963	AN	20	16	10	5	4	1	117	335	479	489	430	208	2,113
1964	D	33	16	10	5	4	54	380	389	408	436	385	175	2,294
1965	W	35	16	10	5	4	33	223	409	481	485	364	209	2,273
1966	BN	77	16	10	5	4	17	370	427	473	471	420	204	2,495
1967	W	77	16	10	5	4	1	108	372	398	487	428	207	2,113
1968	D	69	16	10	5	4	1	314	402	447	485	380	209	2,341
1969	W	46	16	10	5	4	2	294	422	470	484	427	207	2,385
1970	AN	47	17	10	5	4	3	339	422	439	472	421	207	2,384
1971	BN	46	16	10	5	4	25	394	348	468	480	424	200	2,419
1972	D	71	17	10	5	7	96	361	390	437	455	405	161	2,414
1973	AN	24	16	10	5	4	1	296	406	485	485	427	198	2,357
1974	W	29	16	10	5	4	1	223	401	475	417	427	210	2,216
1975	W	38	17	10	5	4	1	244	409	484	473	418	209	2,311
1976	C	23	19	10	5	33	118	308	384	411	415	325	163	2,212
1977	C	67	19	10	5	19	65	322	230	348	349	286	91	1,809
1978	W	51	12	7	4	3	1	168	385	484	487	427	166	2,195
1979	AN	79	16	10	5	4	2	264	401	484	484	420	195	2,360
1980	W	27	16	10	5	4	1	266	374	456	479	427	205	2,269
1981	D	66	23	10	5	4	1	241	365	485	485	427	184	2,297
1982	W	24	16	10	5	4	1	149	387	433	489	431	132	2,081
1983	W	20	16	10	5	4	1	129	350	462	488	413	171	2,069
1984	AN	60	16	10	5	4	22	374	436	468	479	403	201	2,477
1985	D	34	16	10	5	4	1	310	416	475	481	419	143	2,313
1986	W	53	16	10	5	4	1	242	383	475	474	423	152	2,237
1987	C	70	25	10	5	4	3	304	387	430	428	382	192	2,240
1988	C	55	16	10	5	4	53	270	311	391	424	378	190	2,105
1989	C	69	16	10	5	12	3	284	416	441	464	408	51	2,178
1990	C	30	17	10	5	4	30	349	229	420	421	359	180	2,052
1991	C	64	20	10	5	10	1	184	287	351	367	328	162	1,789
1992	C	45	15	7	4	3	1	198	333	351	391	349	173	1,871
1993	W	21	15	7	4	3	1	265	285	416	485	421	209	2,133
1994	C	51	16	10	5	4	37	321	297	427	427	380	188	2,161
Average		49	18	9	5	5	16	264	360	440	457	400	182	2,206
Maximum		79	30	10	5	33	118	394	437	487	490	431	210	2,495
Minimum		15	12	7	4	3	1	107	229	312	337	286	51	1,782
Average by Year Type														
W		42	17	9	5	4	5	214	369	460	479	421	194	2,218
AN		40	17	9	5	4	10	273	373	455	471	415	195	2,266
BN		53	17	9	5	5	13	275	360	457	476	414	191	2,275
D		59	18	9	5	7	34	309	377	438	451	393	168	2,267
C		57	20	9	5	7	27	278	326	392	408	355	159	2,043

Water year types are based on San Joaquin Valley Index (W: Wet; AN: Above Normal; BN: Below Normal; D: Dry; C: Critical)

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Table D-36. North of Delta CVP Total Deliveries: Difference in TAF (Alt 2 minus Base)

Water Year	Year Type	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
1922	W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1923	AN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1924	C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1925	BN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1926	D	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1927	AN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1928	BN	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	-0.2	-0.2	-0.2	-0.2	0.0	-1.0
1929	C	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.1	0.2	0.2	0.1	0.8
1930	C	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	-0.1	-0.1	-0.1	-0.1	0.0	-0.5
1931	C	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	-0.1	-0.1	-0.1	-0.1	0.0	-0.5
1932	AN	0.0	0.0	0.0	0.0	0.0	0.0	-0.3	-0.3	-0.4	-0.4	-0.4	-0.2	-2.0
1933	D	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1
1934	C	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	-0.1	-0.1	-0.2	-0.1	-0.1	-0.7
1935	AN	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	-0.2
1936	AN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1937	W	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	-0.1	-0.1	-0.1	-0.1	0.0	-0.4
1938	W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1939	D	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
1940	AN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1941	W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1942	W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1943	W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1944	BN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1945	AN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1946	AN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1947	D	0.0	0.0	0.0	0.0	0.0	0.0	-0.2	-0.2	-0.2	-0.2	-0.2	0.0	-1.0
1948	BN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1949	BN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1
1950	BN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1951	AN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1952	W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1953	BN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1954	BN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1955	D	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.2	0.2	0.2	0.1	0.8
1956	W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1957	BN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1958	W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1959	D	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1960	C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1961	C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1962	BN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1963	AN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1964	D	0.0	0.0	0.0	0.0	0.0	-0.1	-0.6	-0.6	-0.6	-0.6	-0.6	-0.3	-3.3
1965	W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	-0.2
1966	BN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1967	W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1968	D	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1969	W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1970	AN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1971	BN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1972	D	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1973	AN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1974	W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1975	W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1976	C	0.0	0.0	0.0	0.0	0.0	0.1	0.3	0.3	0.3	0.3	0.3	0.1	1.7
1977	C	0.0	0.0	0.0	0.0	0.0	-0.5	0.0	1.2	-1.9	0.0	-12.0	0.0	-13.2
1978	W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1979	AN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1980	W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1981	D	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1982	W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1983	W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1984	AN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1985	D	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1986	W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1987	C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1988	C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1989	C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1990	C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1991	C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.8	0.0	0.0	1.8	1.0	4.6
1992	C	0.3	0.1	0.0	0.0	0.0	0.0	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.2
1993	W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1994	C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Average		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.2	0.0	-0.2
Maximum		0.3	0.1	0.0	0.0	0.0	0.1	0.3	1.8	0.3	0.3	1.8	1.0	4.6
Minimum		-0.1	0.0	0.0	0.0	0.0	-0.5	-0.6	-0.6	-1.9	-0.6	-12.0	-0.3	-13.2
Average by Year Type														
W		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
AN		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.2
BN		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1
D		0.0	0.0	0.0	0.0	0.0	0.0	-0.1	-0.1	-0.1	-0.1	-0.1	0.0	-0.3
C		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	-0.1	0.0	-0.6	0.1	-0.5

Water year types are based on San Joaquin Valley Index (W: Wet; AN: Above Normal; BN: Below Normal; D: Dry; C: Critical)

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Table D-37. North of Delta CVP Total Deliveries: Difference in Percentage (Alt 2 minus Base)

Water Year	Year Type	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
1922	W	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1923	AN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1924	C	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1925	BN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1926	D	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1927	AN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1928	BN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%	0.0%	0.0%	0.0%	0.0%	0.0%
1929	C	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1930	C	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1931	C	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1932	AN	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%	-0.1%	-0.1%	-0.1%	-0.1%	-0.1%	-0.1%	-0.1%
1933	D	-0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1934	C	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1935	AN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1936	AN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1937	W	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1938	W	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1939	D	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1940	AN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1941	W	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1942	W	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1943	W	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1944	BN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1945	AN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1946	AN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1947	D	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1948	BN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1949	BN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1950	BN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1951	AN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1952	W	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1953	BN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1954	BN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1955	D	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1956	W	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1957	BN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1958	W	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1959	D	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1960	C	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1961	C	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1962	BN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1963	AN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1964	D	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%	-0.2%	-0.2%	-0.1%	-0.1%	-0.1%	-0.1%	-0.1%
1965	W	-0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1966	BN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1967	W	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1968	D	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1969	W	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1970	AN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1971	BN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1972	D	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1973	AN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1974	W	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1975	W	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1976	C	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%
1977	C	0.0%	0.0%	0.0%	0.0%	0.0%	-0.7%	0.0%	0.5%	-0.6%	0.0%	-4.0%	0.0%	-0.7%
1978	W	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1979	AN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1980	W	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1981	D	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1982	W	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1983	W	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1984	AN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1985	D	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1986	W	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1987	C	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1988	C	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1989	C	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1990	C	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1991	C	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.6%	0.0%	0.0%	0.6%	0.6%	0.3%
1992	C	0.6%	0.7%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1993	W	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1994	C	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Average		0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%	0.0%	0.0%
Maximum		0.6%	0.7%	0.0%	0.0%	0.0%	0.1%	0.1%	0.6%	0.1%	0.1%	0.6%	0.6%	0.3%
Minimum		-0.1%	0.0%	0.0%	0.0%	0.0%	-0.7%	-0.2%	-0.2%	-0.6%	-0.1%	-4.0%	-0.1%	-0.7%
Average by Year Type														
W		0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
AN		0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
BN		0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
D		0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
C		0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%	-0.2%	0.0%	0.0%

Water year types are based on San Joaquin Valley Index (W: Wet; AN: Above Normal; BN: Below Normal; D: Dry; C: Critical)

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Table D-38. South of Delta SWP Total Deliveries: Alternative 2 in TAF

Water Year	Year Type	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
1922	W	265	229	209	116	153	199	254	338	432	457	443	325	3,421
1923	AN	240	207	191	162	187	217	271	361	457	482	467	349	3,592
1924	C	266	231	212	45	54	68	80	107	135	142	135	104	1,579
1925	BN	79	66	59	39	48	94	108	149	188	201	191	145	1,365
1926	D	114	96	86	54	95	163	166	319	405	423	406	309	2,636
1927	AN	235	203	186	80	153	209	264	351	445	472	457	338	3,393
1928	BN	254	220	203	143	187	204	241	323	408	429	411	312	3,337
1929	C	245	212	195	45	54	65	82	113	142	151	144	110	1,559
1930	C	83	69	62	44	90	113	198	263	334	351	338	257	2,202
1931	C	199	172	158	45	55	63	84	113	141	150	143	109	1,432
1932	AN	82	69	61	44	74	88	98	132	166	178	170	129	1,290
1933	D	104	87	78	55	89	92	122	163	208	221	210	159	1,588
1934	C	122	103	93	45	58	78	107	143	180	190	182	139	1,441
1935	AN	104	87	78	35	61	81	180	386	485	509	494	375	2,876
1936	AN	285	247	228	34	53	204	269	359	452	476	458	350	3,414
1937	W	271	233	213	39	53	118	255	310	402	455	437	328	3,113
1938	W	249	215	197	146	170	196	213	299	390	444	430	317	3,265
1939	D	242	209	192	160	186	214	262	348	443	463	447	335	3,502
1940	AN	250	217	198	34	54	220	294	390	493	517	504	381	3,552
1941	W	287	250	231	121	150	175	219	260	337	390	375	280	3,075
1942	W	217	186	167	153	178	206	259	345	439	465	450	334	3,400
1943	W	254	217	199	158	182	210	259	315	406	462	447	334	3,444
1944	BN	257	222	203	79	119	196	276	368	466	488	476	342	3,494
1945	AN	266	235	218	68	79	195	283	374	474	500	487	365	3,544
1946	AN	274	240	221	161	186	209	271	360	456	480	466	347	3,672
1947	D	265	232	215	58	61	90	215	287	361	378	364	280	2,804
1948	BN	213	185	170	35	48	49	85	329	414	436	421	324	2,707
1949	BN	252	216	198	50	56	69	180	239	302	317	305	235	2,419
1950	BN	180	154	139	38	71	146	264	352	442	467	450	345	3,048
1951	AN	268	226	207	165	191	220	276	368	465	489	475	358	3,710
1952	W	269	234	213	132	153	178	185	266	342	398	382	287	3,039
1953	BN	226	192	174	165	190	218	273	363	459	488	472	356	3,575
1954	BN	273	236	218	142	189	225	284	377	474	500	485	366	3,768
1955	D	280	242	224	59	98	103	124	170	214	227	218	167	2,127
1956	W	128	108	98	157	181	210	263	350	444	470	457	341	3,207
1957	BN	262	226	207	149	183	201	252	335	427	447	430	327	3,447
1958	W	252	219	200	109	176	203	256	340	401	456	443	329	3,382
1959	D	254	217	198	165	194	230	264	350	443	464	447	341	3,566
1960	C	265	230	211	34	40	64	144	193	245	258	247	189	2,121
1961	C	148	125	114	59	81	126	234	311	396	414	398	305	2,712
1962	BN	233	201	185	35	41	132	269	356	449	472	455	347	3,176
1963	AN	268	233	214	138	182	200	263	352	446	472	458	342	3,570
1964	D	262	227	210	146	201	205	254	339	429	448	433	330	3,483
1965	W	253	218	201	136	179	191	230	307	388	410	395	297	3,205
1966	BN	233	200	182	162	187	217	273	362	459	483	469	351	3,579
1967	W	264	229	166	94	133	159	250	307	397	454	441	327	3,219
1968	D	248	213	195	166	192	212	261	348	441	463	444	337	3,519
1969	W	259	224	207	91	119	144	193	263	343	366	396	299	2,905
1970	AN	234	200	165	161	186	215	267	358	452	478	463	346	3,526
1971	BN	265	229	211	168	193	215	276	367	464	490	476	359	3,713
1972	D	276	238	220	141	173	191	219	292	369	388	372	283	3,162
1973	AN	221	190	173	111	183	212	269	358	454	477	464	346	3,457
1974	W	260	226	208	157	182	211	264	351	446	471	457	341	3,575
1975	W	261	224	206	161	186	215	267	359	453	479	465	349	3,626
1976	C	268	233	216	168	177	202	235	317	402	418	402	307	3,345
1977	C	232	201	184	34	39	45	51	76	98	105	99	76	1,240
1978	W	61	51	45	34	86	176	203	226	369	432	416	314	2,413
1979	AN	245	211	192	125	174	206	261	348	443	466	452	336	3,459
1980	W	251	217	200	126	162	159	190	274	384	395	399	302	3,059
1981	D	239	205	186	136	194	212	269	359	456	475	458	349	3,537
1982	W	263	230	211	147	172	198	243	329	421	447	433	320	3,415
1983	W	245	212	183	98	95	101	154	165	215	236	370	262	2,336
1984	AN	204	165	136	138	179	214	266	357	449	476	460	343	3,384
1985	D	266	232	215	156	163	195	282	373	473	494	477	358	3,684
1986	W	268	236	218	39	59	200	238	323	406	430	414	313	3,143
1987	C	247	213	194	97	121	150	237	315	397	414	400	306	3,092
1988	C	235	189	204	36	53	54	62	84	106	115	108	83	1,329
1989	C	64	52	46	40	48	51	231	307	387	406	391	300	2,321
1990	C	232	201	185	37	54	64	86	114	143	152	144	110	1,524
1991	C	85	71	64	34	39	46	76	103	129	139	131	101	1,018
1992	C	78	64	57	35	40	60	85	114	142	151	144	110	1,080
1993	W	84	70	62	43	164	215	271	361	458	484	470	350	3,032
1994	C	266	230	213	149	169	216	249	332	421	436	422	322	3,424
Average		221	190	174	98	126	160	214	291	370	394	383	288	2,909
Maximum		287	250	231	168	201	230	294	390	493	517	504	381	3,768
Minimum		61	51	45	34	39	45	51	76	98	105	99	76	1,018
Average by Year Type														
W		233	201	182	113	147	183	233	305	394	430	426	317	3,164
AN		227	195	176	104	139	192	252	347	438	462	448	336	3,317
BN		227	196	179	101	126	164	232	327	413	435	420	317	3,136
D		232	200	184	118	150	173	222	304	386	404	389	295	3,055
C		190	162	150	59	73	92	140	188	237	250	239	183	1,964

Water year types are based on San Joaquin Valley Index (W: Wet; AN: Above Normal; BN: Below Normal; D: Dry; C: Critical)
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Table D-39. South of Delta SWP Total Deliveries: Difference in TAF (Alt 2 minus Base)

Water Year	Year Type	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
1922	W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1923	AN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1924	C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1925	BN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1926	D	0.0	0.0	0.0	0.0	0.0	0.0	3.0	2.4	3.1	3.2	3.0	2.3	16.9
1927	AN	1.7	1.5	1.4	-0.6	-0.5	0.1	0.1	0.1	0.2	0.2	0.2	0.1	4.5
1928	BN	0.1	0.1	0.1	0.5	0.4	0.3	0.0	0.0	0.0	0.0	0.0	0.0	1.4
1929	C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.3
1930	C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1
1931	C	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.3	0.3	0.4	0.2	0.1	1.6
1932	AN	0.1	0.1	0.1	0.1	0.6	0.8	0.9	1.2	1.6	1.7	1.6	1.2	9.9
1933	D	0.9	0.8	0.7	-1.8	2.0	2.1	2.7	3.6	4.6	4.8	4.7	3.6	28.7
1934	C	2.6	2.4	2.2	0.0	0.0	2.2	2.6	3.4	4.3	4.4	4.3	3.3	31.7
1935	AN	2.4	2.1	2.0	0.0	-0.1	2.1	4.5	3.7	4.0	3.5	4.4	3.3	31.7
1936	AN	2.2	1.9	1.9	0.0	0.4	1.7	1.9	2.5	3.1	3.5	3.4	2.4	24.9
1937	W	1.7	1.5	1.4	0.1	0.1	0.6	0.2	0.3	0.4	0.5	0.4	0.2	7.5
1938	W	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4
1939	D	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1940	AN	0.0	0.0	0.0	0.0	-0.4	-1.2	0.1	0.1	0.1	0.1	0.2	0.1	-0.8
1941	W	0.0	0.1	0.1	-1.4	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	-0.2
1942	W	0.2	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4
1943	W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1944	BN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1945	AN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1946	AN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1947	D	0.0	0.0	0.0	0.0	0.0	0.0	-0.3	-0.4	-0.6	-0.6	-0.5	-0.4	-2.7
1948	BN	-0.3	-0.2	-0.2	0.0	-0.1	-0.1	-0.1	-0.5	-0.6	-0.6	-0.7	-0.5	-4.0
1949	BN	-0.4	-0.4	-0.3	0.0	0.0	0.1	0.4	0.5	0.7	0.7	0.7	0.5	2.6
1950	BN	0.4	0.3	0.3	0.0	-0.1	-0.2	-0.1	-0.2	-0.2	-0.2	-0.2	-0.2	-0.4
1951	AN	-0.1	-0.1	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.3
1952	W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1953	BN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1954	BN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1955	D	0.0	0.0	0.0	0.0	0.0	0.6	0.7	1.0	1.3	1.3	1.3	1.0	7.1
1956	W	0.6	0.6	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.8
1957	BN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
1958	W	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	-0.1	-0.1	0.0	-0.1
1959	D	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1960	C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1961	C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1962	BN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1963	AN	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.0	0.6
1964	D	0.0	0.0	0.0	1.3	-0.1	1.3	1.2	1.6	2.1	1.9	1.9	1.5	12.6
1965	W	1.2	1.0	1.0	-0.1	0.0	-0.2	-0.2	-0.3	-0.5	-0.6	-0.4	-0.2	0.8
1966	BN	-0.1	-0.1	-0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.5
1967	W	0.0	0.0	0.0	-0.9	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	-0.2
1968	D	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2
1969	W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1970	AN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1971	BN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1972	D	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.0
1973	AN	-0.1	0.0	0.0	-0.9	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.3
1974	W	0.1	0.1	0.1	0.0	0.0	0.0	-0.1	-0.4	-0.6	-0.3	0.3	0.1	-0.6
1975	W	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.5	0.6	0.6	0.6	0.5	3.0
1976	C	0.2	0.0	0.0	2.8	3.6	0.8	1.1	1.4	1.8	1.9	1.8	1.4	16.8
1977	C	1.0	0.9	0.8	0.0	0.0	0.0	-1.2	0.0	0.0	0.0	0.0	0.0	1.6
1978	W	0.0	0.4	0.3	0.0	-0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6
1979	AN	0.0	0.0	0.0	-0.1	-0.1	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.1
1980	W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1981	D	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2
1982	W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1983	W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1984	AN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1985	D	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1
1986	W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1987	C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
1988	C	0.0	-0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1989	C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	-0.1	-0.1	-0.1	-0.1	-0.4
1990	C	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1
1991	C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2
1992	C	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.7
1993	W	0.1	0.1	0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2
1994	C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.4	0.7
Average		0.2	0.2	0.2	0.0	0.1	0.2	0.2	0.3	0.4	0.4	0.4	0.3	2.7
Maximum		2.6	2.4	2.2	2.8	3.6	2.2	4.5	3.7	4.6	4.8	4.7	3.6	31.7
Minimum		-0.4	-0.4	-0.3	-1.8	-0.5	-1.2	-1.2	-0.5	-0.6	-0.6	-0.7	-0.5	-4.0
Average by Year Type														
W		0.2	0.2	0.2	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.7
AN		0.4	0.4	0.4	-0.1	0.0	0.3	0.5	0.6	0.7	0.7	0.7	0.5	5.1
BN		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1
D		0.1	0.1	0.1	-0.1	0.2	0.4	0.7	0.8	1.0	1.0	0.9	0.7	5.7
C		0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.4	0.4	0.4	0.3	3.3

Water year types are based on San Joaquin Valley Index (W: Wet; AN: Above Normal; BN: Below Normal; D: Dry; C: Critical)
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Table D-40. South of Delta SWP Total Deliveries: Difference in Percentage (Alt 2 minus Base)

Water Year	Year Type	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
1922	W	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1923	AN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1924	C	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1925	BN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1926	D	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	1.8%	0.8%	0.8%	0.8%	0.8%	0.8%	0.6%
1927	AN	0.7%	0.8%	0.8%	-0.8%	-0.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%
1928	BN	0.0%	0.0%	0.0%	0.3%	0.2%	0.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1929	C	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1930	C	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1931	C	0.0%	0.0%	0.0%	0.0%	0.1%	0.2%	0.2%	0.2%	0.2%	0.3%	0.1%	0.1%	0.1%
1932	AN	0.1%	0.1%	0.1%	0.2%	0.9%	0.9%	0.9%	0.9%	1.0%	1.0%	0.9%	0.9%	0.8%
1933	D	0.8%	0.9%	0.9%	-3.3%	2.3%	2.3%	2.3%	2.3%	2.3%	2.2%	2.3%	2.3%	1.8%
1934	C	2.2%	2.4%	2.5%	0.0%	0.0%	3.0%	2.5%	2.4%	2.5%	2.4%	2.4%	2.4%	2.3%
1935	AN	2.3%	2.5%	2.6%	0.0%	-0.1%	2.6%	2.5%	1.0%	0.8%	0.7%	0.9%	0.9%	1.1%
1936	AN	0.8%	0.8%	0.8%	0.0%	0.8%	0.9%	0.7%	0.7%	0.7%	0.7%	0.7%	0.7%	0.7%
1937	W	0.6%	0.6%	0.7%	0.2%	0.2%	0.5%	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%	0.2%
1938	W	0.0%	0.1%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1939	D	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1940	AN	0.0%	0.0%	0.0%	0.0%	-0.7%	-0.5%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1941	W	0.0%	0.0%	0.0%	-1.1%	0.0%	0.0%	0.1%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%
1942	W	0.1%	0.1%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1943	W	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1944	BN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1945	AN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1946	AN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1947	D	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%	-0.1%	-0.2%	-0.2%	-0.1%	-0.1%	-0.1%
1948	BN	-0.1%	-0.1%	-0.1%	0.0%	-0.3%	-0.2%	-0.1%	-0.2%	-0.2%	-0.1%	-0.2%	-0.1%	-0.1%
1949	BN	-0.2%	-0.2%	-0.2%	0.1%	0.1%	0.1%	0.2%	0.2%	0.2%	0.2%	0.2%	0.2%	0.1%
1950	BN	0.2%	0.2%	0.2%	-0.1%	-0.1%	-0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1951	AN	0.0%	0.0%	-0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1952	W	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1953	BN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1954	BN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1955	D	0.0%	0.0%	0.0%	0.0%	0.0%	0.6%	0.6%	0.6%	0.6%	0.6%	0.6%	0.6%	0.3%
1956	W	0.5%	0.5%	0.5%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%
1957	BN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1958	W	0.0%	0.0%	0.0%	0.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1959	D	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1960	C	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1961	C	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1962	BN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1963	AN	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1964	D	0.0%	0.0%	0.0%	0.9%	0.0%	0.6%	0.5%	0.5%	0.5%	0.4%	0.4%	0.5%	0.4%
1965	W	0.5%	0.5%	0.5%	-0.1%	0.0%	-0.1%	-0.1%	-0.1%	-0.1%	-0.2%	-0.1%	-0.1%	0.0%
1966	BN	-0.1%	-0.1%	-0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1967	W	0.0%	0.0%	0.0%	-0.9%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1968	D	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1969	W	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1970	AN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1971	BN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1972	D	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1973	AN	0.0%	0.0%	0.0%	-0.8%	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%	0.0%	0.1%	0.0%
1974	W	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%	-0.1%	-0.1%	0.1%	0.0%	0.0%
1975	W	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%
1976	C	0.1%	0.0%	0.0%	1.7%	2.1%	0.4%	0.5%	0.5%	0.5%	0.4%	0.5%	0.5%	0.5%
1977	C	0.4%	0.5%	0.5%	0.0%	0.0%	0.0%	-2.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%
1978	W	0.0%	0.8%	0.7%	0.0%	-0.4%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1979	AN	0.0%	0.0%	0.0%	-0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1980	W	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1981	D	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1982	W	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1983	W	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1984	AN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1985	D	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1986	W	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1987	C	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1988	C	0.0%	-0.1%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1989	C	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1990	C	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1991	C	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1992	C	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%
1993	W	0.1%	0.1%	0.1%	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1994	C	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%
Average		0.1%	0.1%	0.1%	-0.1%	0.1%	0.2%	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%
Maximum		2.3%	2.5%	2.6%	1.7%	2.3%	3.0%	2.5%	2.4%	2.5%	2.4%	2.4%	2.4%	2.3%
Minimum		-0.2%	-0.2%	-0.2%	-3.3%	-0.7%	-0.5%	-2.3%	-0.2%	-0.2%	-0.2%	-0.2%	-0.1%	-0.1%
Average by Year Type														
W		0.1%	0.1%	0.1%	-0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
AN		0.3%	0.3%	0.3%	-0.1%	0.0%	0.3%	0.2%	0.2%	0.2%	0.2%	0.2%	0.2%	0.2%
BN		0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
D		0.1%	0.1%	0.1%	-0.2%	0.2%	0.3%	0.5%	0.4%	0.4%	0.3%	0.4%	0.4%	0.3%
C		0.2%	0.2%	0.2%	0.1%	0.1%	0.2%	0.1%	0.2%	0.2%	0.2%	0.2%	0.2%	0.2%

Water year types are based on San Joaquin Valley Index (W: Wet; AN: Above Normal; BN: Below Normal; D: Dry; C: Critical)

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Table D-41. SWP Interruptible Deliveries: Alternative 2 in TAF

Water Year	Year Type	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
1922	W	0	0	0	0	0	105	39	0	0	0	0	0	144
1923	AN	0	0	0	128	3	0	0	0	0	0	0	0	131
1924	C	0	0	0	0	0	0	0	0	0	0	0	0	0
1925	BN	0	0	0	0	0	0	0	0	0	0	0	0	0
1926	D	0	0	0	49	134	0	0	0	0	0	0	0	183
1927	AN	0	0	0	0	47	134	9	0	0	0	0	0	190
1928	BN	0	0	0	0	9	134	16	0	0	0	0	0	159
1929	C	0	0	0	0	0	0	0	0	0	0	0	0	0
1930	C	0	0	0	0	0	134	0	0	0	0	0	0	134
1931	C	0	0	0	0	0	0	0	0	0	0	0	0	0
1932	AN	0	0	0	0	0	87	0	0	0	0	0	0	87
1933	D	0	0	0	129	134	134	0	0	0	0	0	0	397
1934	C	0	0	0	0	37	0	0	0	0	0	0	0	37
1935	AN	0	0	0	0	26	134	84	0	0	0	0	0	244
1936	AN	0	0	0	0	0	14	8	0	0	0	0	0	22
1937	W	0	0	0	0	0	50	70	33	0	0	0	0	153
1938	W	0	0	0	0	128	134	79	0	0	0	0	0	341
1939	D	0	0	35	131	58	40	0	0	0	0	0	0	263
1940	AN	0	0	0	0	0	92	0	0	0	0	0	0	92
1941	W	0	0	0	0	0	50	0	0	0	0	0	0	50
1942	W	0	0	50	132	134	134	20	0	0	0	0	0	470
1943	W	0	0	0	128	133	134	35	0	0	0	0	0	429
1944	BN	0	0	0	0	0	0	0	0	0	0	0	11	11
1945	AN	0	0	0	0	0	22	0	0	0	0	0	0	22
1946	AN	0	0	0	0	0	0	0	0	0	0	0	0	0
1947	D	0	0	0	0	0	0	0	0	0	0	0	0	0
1948	BN	0	0	0	0	0	0	0	0	0	0	0	0	0
1949	BN	0	0	0	0	0	0	0	0	0	0	0	0	0
1950	BN	0	0	0	0	0	0	0	0	0	0	0	0	0
1951	AN	0	0	0	95	133	134	0	0	0	0	0	0	362
1952	W	0	0	0	0	0	50	0	0	0	0	0	0	50
1953	BN	0	0	50	132	0	131	0	0	0	0	0	0	313
1954	BN	0	0	0	0	32	134	0	0	0	0	0	0	166
1955	D	0	0	0	0	0	0	0	0	0	0	0	0	0
1956	W	0	0	0	39	133	134	0	0	0	0	0	0	306
1957	BN	0	0	0	0	0	132	0	0	0	0	0	0	132
1958	W	0	0	0	0	8	134	79	0	0	0	0	0	221
1959	D	0	0	0	112	134	0	0	0	0	0	0	0	246
1960	C	0	0	0	0	0	0	0	0	0	0	0	0	0
1961	C	0	0	0	0	0	10	0	0	0	0	0	0	10
1962	BN	0	0	0	0	0	0	0	0	0	0	0	0	0
1963	AN	0	0	0	0	0	132	8	0	0	0	0	0	139
1964	D	0	0	0	0	0	0	0	0	0	0	0	0	0
1965	W	0	0	0	0	0	0	0	0	0	0	0	0	0
1966	BN	0	0	0	88	133	134	0	0	0	0	0	0	355
1967	W	0	0	0	0	0	131	79	0	0	0	0	0	209
1968	D	0	78	128	131	134	134	0	0	0	0	0	0	605
1969	W	0	0	0	0	0	50	0	0	0	0	0	0	50
1970	AN	0	0	50	130	134	134	0	0	0	0	0	0	448
1971	BN	0	0	0	0	0	0	0	0	0	0	0	0	0
1972	D	0	0	0	0	0	0	0	0	0	0	0	0	0
1973	AN	0	0	0	0	128	134	0	0	0	0	0	0	262
1974	W	0	0	0	44	133	134	29	0	0	0	0	0	340
1975	W	0	0	0	0	128	134	19	0	0	0	0	0	281
1976	C	0	0	0	109	65	45	0	0	0	0	0	0	219
1977	C	0	0	0	0	0	0	0	0	0	0	0	0	0
1978	W	0	0	0	0	50	50	0	0	0	0	0	0	100
1979	AN	0	0	0	0	128	134	0	0	0	0	0	0	262
1980	W	0	0	0	0	50	50	0	0	0	0	0	0	100
1981	D	0	0	0	36	134	134	0	0	0	0	0	0	304
1982	W	0	0	0	0	0	131	79	0	0	0	0	0	210
1983	W	0	0	126	50	50	50	0	0	0	0	0	0	276
1984	AN	0	0	50	133	134	134	0	0	0	0	0	0	451
1985	D	0	0	0	0	0	0	0	0	0	0	0	0	0
1986	W	0	0	0	0	0	50	0	0	0	0	0	0	50
1987	C	0	0	0	0	3	134	0	0	0	0	0	0	137
1988	C	0	0	0	0	0	0	0	0	0	0	0	0	0
1989	C	0	0	0	0	0	0	0	0	0	0	0	0	0
1990	C	0	0	0	0	0	0	0	0	0	0	0	0	0
1991	C	0	0	0	0	0	0	0	0	0	0	0	0	0
1992	C	0	0	0	0	0	0	0	0	0	0	0	0	0
1993	W	0	0	0	0	128	134	0	0	0	0	0	0	262
1994	C	0	0	0	0	0	0	0	0	0	0	0	1	1
Average		0	1	7	25	39	62	9	0	0	0	0	0	143
Maximum		0	78	128	133	134	134	84	33	0	0	0	11	605
Minimum		0	0	0	0	0	0	0	0	0	0	0	0	0
Average by Year Type														
W		0	0	9	20	54	92	26	2	0	0	0	0	202
AN		0	0	7	35	52	92	8	0	0	0	0	0	194
BN		0	0	4	18	14	55	1	0	0	0	0	1	95
D		0	7	15	54	66	40	0	0	0	0	0	0	182
C		0	0	0	7	7	20	0	0	0	0	0	0	34

Water year types are based on San Joaquin Valley Index (W: Wet; AN: Above Normal; BN: Below Normal; D: Dry; C: Critical)
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Table D-42. SWP Interruptible Deliveries: Difference in TAF (Alt 2 minus Base)

Water Year	Year Type	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
1922	W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1923	AN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1924	C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1925	BN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1926	D	0.0	0.0	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1
1927	AN	0.0	0.0	0.0	0.0	-2.5	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	-2.6
1928	BN	0.0	0.0	0.0	0.0	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.3
1929	C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1930	C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1931	C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1932	AN	0.0	0.0	0.0	0.0	0.0	-9.8	0.0	0.0	0.0	0.0	0.0	0.0	-9.8
1933	D	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
1934	C	0.0	0.0	0.0	0.0	-32.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-32.2
1935	AN	0.0	0.0	0.0	0.0	-31.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-31.7
1936	AN	0.0	0.0	0.0	0.0	0.0	0.8	-2.0	0.0	0.0	0.0	0.0	0.0	-1.2
1937	W	0.0	0.0	0.0	0.0	0.0	-0.6	-0.7	-0.7	0.0	0.0	0.0	0.0	-2.0
1938	W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1939	D	0.0	0.0	2.6	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.5
1940	AN	0.0	0.0	0.0	0.0	0.0	1.5	0.0	0.0	0.0	0.0	0.0	0.0	1.5
1941	W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1942	W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1943	W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1944	BN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1945	AN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1946	AN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1947	D	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1948	BN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1949	BN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1950	BN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1951	AN	0.0	0.0	0.0	-0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.3
1952	W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1953	BN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1954	BN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1955	D	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1956	W	0.0	0.0	0.0	-2.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-2.6
1957	BN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1958	W	0.0	0.0	0.0	0.0	2.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.6
1959	D	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2
1960	C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1961	C	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	-0.1
1962	BN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1963	AN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1964	D	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1965	W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1966	BN	0.0	0.0	0.0	10.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.7
1967	W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1968	D	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1969	W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1970	AN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1971	BN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1972	D	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1973	AN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1974	W	0.0	0.0	0.0	18.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	18.5
1975	W	0.0	0.0	0.0	-28.2	-4.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-32.6
1976	C	0.0	0.0	0.0	99.5	-1.2	-0.8	0.0	0.0	0.0	0.0	0.0	0.0	97.4
1977	C	0.0	0.0	0.0	0.0	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1978	W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1979	AN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1980	W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1981	D	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
1982	W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1983	W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1984	AN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1985	D	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1986	W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1987	C	0.0	0.0	0.0	0.0	-0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.2
1988	C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1989	C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1990	C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1991	C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1992	C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1993	W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1994	C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.3	-0.3
Average		0.0	0.0	0.0	1.3	-0.9	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.3
Maximum		0.0	0.0	2.6	99.5	2.6	1.5	0.0	0.0	0.0	0.0	0.0	0.0	97.4
Minimum		0.0	0.0	0.0	-28.2	-32.2	-9.8	-2.0	-0.7	0.0	0.0	0.0	-0.3	-32.6
Average by Year Type														
W		0.0	0.0	0.0	-0.6	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.8
AN		0.0	0.0	0.0	0.0	-2.4	-0.5	-0.2	0.0	0.0	0.0	0.0	0.0	-3.1
BN		0.0	0.0	0.0	0.9	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0
D		0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2
C		0.0	0.0	0.0	6.2	-2.1	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	4.0

Water year types are based on San Joaquin Valley Index (W: Wet; AN: Above Normal; BN: Below Normal; D: Dry; C: Critical)

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Table D-43. SWP Interruptible Deliveries: Difference in Percentage (Alt 2 minus Base)

Water Year	Year Type	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
1922	W	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1923	AN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1924	C	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1925	BN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1926	D	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%
1927	AN	0.0%	0.0%	0.0%	0.0%	0.0%	-5.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-1.3%
1928	BN	0.0%	0.0%	0.0%	0.0%	17.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.8%
1929	C	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1930	C	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1931	C	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1932	AN	0.0%	0.0%	0.0%	0.0%	0.0%	-10.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-10.1%
1933	D	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1934	C	0.0%	0.0%	0.0%	0.0%	-46.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-46.3%
1935	AN	0.0%	0.0%	0.0%	0.0%	-55.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-11.5%
1936	AN	0.0%	0.0%	0.0%	0.0%	0.0%	6.2%	-21.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-5.2%
1937	W	0.0%	0.0%	0.0%	0.0%	0.0%	-1.1%	-1.0%	-2.1%	0.0%	0.0%	0.0%	0.0%	-1.3%
1938	W	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1939	D	0.0%	0.0%	8.2%	0.0%	-0.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	1.0%
1940	AN	0.0%	0.0%	0.0%	0.0%	0.0%	1.7%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	1.7%
1941	W	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1942	W	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1943	W	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1944	BN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1945	AN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1946	AN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1947	D	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1948	BN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1949	BN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1950	BN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1951	AN	0.0%	0.0%	0.0%	-0.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%
1952	W	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1953	BN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1954	BN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1955	D	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1956	W	0.0%	0.0%	0.0%	-6.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.8%
1957	BN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1958	W	0.0%	0.0%	0.0%	0.0%	45.6%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	1.2%
1959	D	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%
1960	C	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1961	C	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.6%
1962	BN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1963	AN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1964	D	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1965	W	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1966	BN	0.0%	0.0%	0.0%	13.8%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	3.1%
1967	W	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1968	D	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1969	W	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1970	AN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1971	BN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1972	D	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1973	AN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1974	W	0.0%	0.0%	0.0%	73.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	5.8%
1975	W	0.0%	0.0%	0.0%	-100.0%	-3.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-10.4%
1976	C	0.0%	0.0%	0.0%	1021.6%	-1.9%	-1.8%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	79.9%
1977	C	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1978	W	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1979	AN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1980	W	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1981	D	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1982	W	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1983	W	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1984	AN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1985	D	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1986	W	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1987	C	0.0%	0.0%	0.0%	0.0%	-6.5%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.2%
1988	C	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1989	C	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1990	C	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1991	C	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1992	C	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1993	W	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1994	C	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-30.3%	-30.3%
Average		0.0%	0.0%	0.1%	14%	-0.8%	-0.1%	0%	0%	0.0%	0.0%	0.0%	-0.4%	-0.3%
Maximum		0.0%	0.0%	8.2%	1021.6%	45.6%	6.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	79.9%
Minimum		0.0%	0.0%	0.0%	-100.0%	-55.1%	-10.1%	-21.0%	-2.1%	0.0%	0.0%	0.0%	-30.3%	-46.3%
Average by Year Type														
W		0.0%	0.0%	0.0%	-1.7%	2.1%	-0.1%	-0.1%	-0.1%	0.0%	0.0%	0.0%	0.0%	-0.3%
AN		0.0%	0.0%	0.0%	0%	-4.3%	0.0%	-2%	0%	0.0%	0.0%	0.0%	0.0%	-1.9%
BN		0.0%	0.0%	0.0%	1.2%	1.4%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.3%
D		0.0%	0.0%	0.7%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%
C		0.0%	0.0%	0.0%	63.8%	-3.4%	-0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	-1.9%	0.2%

Water year types are based on San Joaquin Valley Index (W: Wet; AN: Above Normal; BN: Below Normal; D: Dry; C: Critical)

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Table D-44. CVP Tracy Pumping Plant Export: Alternative 2 in TAF

Water Year	Year Type	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
1922	W	270	254	260	260	236	216	148	140	179	283	281	267	2,793
1923	AN	269	254	260	185	190	176	45	46	179	280	278	265	2,426
1924	C	266	181	201	260	193	46	45	46	45	46	101	144	1,573
1925	BN	157	78	227	214	234	46	163	69	135	216	218	261	2,019
1926	D	247	196	207	259	235	113	152	118	76	46	46	220	1,915
1927	AN	181	251	184	184	235	166	175	92	175	282	279	266	2,471
1928	BN	268	253	260	260	244	263	152	46	106	281	278	266	2,676
1929	C	222	234	260	260	192	46	45	46	63	59	112	170	1,709
1930	C	186	66	259	259	191	261	99	118	68	106	87	239	1,939
1931	C	216	165	142	230	118	46	45	46	45	46	80	136	1,314
1932	AN	165	115	259	259	194	96	111	69	130	158	222	255	2,033
1933	D	247	115	47	45	58	46	45	118	45	46	54	173	1,038
1934	C	125	45	254	183	36	48	45	46	45	46	57	170	1,098
1935	AN	180	196	207	184	52	259	144	46	131	133	275	256	2,064
1936	AN	226	141	100	184	143	131	45	46	138	226	276	262	1,916
1937	W	264	156	150	185	235	246	81	92	139	195	275	260	2,278
1938	W	263	252	46	46	42	102	45	46	179	281	278	266	1,845
1939	D	267	226	89	105	129	131	111	69	105	215	191	226	1,863
1940	AN	118	134	125	260	244	262	175	140	179	266	277	265	2,442
1941	W	265	248	259	260	235	226	152	118	179	283	280	267	2,771
1942	W	268	253	260	260	128	163	175	92	179	282	279	266	2,606
1943	W	268	253	260	260	142	86	152	46	129	282	279	266	2,422
1944	BN	267	230	258	260	227	245	89	92	139	233	205	263	2,508
1945	AN	158	252	259	185	235	263	126	46	179	280	278	265	2,525
1946	AN	266	253	260	260	87	170	143	140	179	281	279	266	2,582
1947	D	267	253	260	192	222	246	107	118	159	205	210	263	2,500
1948	BN	155	199	151	249	247	199	152	46	179	280	278	265	2,400
1949	BN	249	240	260	252	161	244	45	46	179	279	277	264	2,495
1950	BN	215	216	165	185	218	244	45	46	145	275	274	258	2,285
1951	AN	196	251	259	232	80	163	124	46	179	281	278	266	2,355
1952	W	267	198	185	185	244	262	89	92	179	282	280	266	2,530
1953	BN	268	253	260	156	145	111	147	69	179	281	279	266	2,412
1954	BN	267	253	260	260	236	263	163	69	179	283	280	267	2,778
1955	D	268	253	260	260	196	164	104	118	179	200	247	239	2,487
1956	W	184	203	259	185	244	264	148	46	179	227	279	266	2,483
1957	BN	267	253	260	260	236	173	161	129	179	282	280	266	2,745
1958	W	268	253	260	260	236	263	127	92	179	282	280	266	2,766
1959	D	268	253	260	230	145	161	108	129	179	282	280	266	2,560
1960	C	240	71	58	185	227	242	45	46	108	272	269	184	1,946
1961	C	218	245	258	237	235	176	98	46	105	280	278	236	2,412
1962	BN	187	94	260	218	236	263	123	129	179	280	278	266	2,510
1963	AN	267	253	260	260	236	272	152	118	179	283	280	267	2,823
1964	D	269	253	260	260	166	196	129	118	129	168	169	251	2,368
1965	W	146	235	259	259	235	184	175	140	179	283	281	267	2,643
1966	BN	269	253	260	260	236	263	67	129	161	281	279	266	2,724
1967	W	217	253	185	185	245	248	45	46	179	278	276	264	2,420
1968	D	265	252	247	87	109	162	134	129	145	283	280	257	2,349
1969	W	268	228	185	185	236	262	175	92	179	282	280	266	2,639
1970	AN	268	155	97	100	105	161	130	46	119	281	278	266	2,007
1971	BN	267	253	260	260	236	263	163	69	179	282	280	266	2,778
1972	D	268	253	260	260	230	271	45	118	179	280	278	265	2,706
1973	AN	215	253	260	260	236	263	162	92	163	282	279	266	2,732
1974	W	268	253	260	185	236	264	45	46	161	281	279	266	2,543
1975	W	267	253	260	260	236	231	175	92	179	282	279	266	2,781
1976	C	268	253	260	260	113	123	45	46	93	111	161	194	1,926
1977	C	170	103	46	50	42	53	45	46	164	179	82	149	1,127
1978	W	147	53	184	184	217	247	45	46	174	279	277	264	2,115
1979	AN	265	252	239	131	113	148	166	140	179	281	278	266	2,458
1980	W	267	253	260	260	167	86	122	46	140	282	279	266	2,426
1981	D	268	253	260	116	139	153	132	129	168	283	280	266	2,446
1982	W	250	253	185	185	236	262	175	92	179	282	279	266	2,645
1983	W	268	253	127	46	85	103	45	46	179	280	277	265	1,973
1984	AN	266	161	66	80	119	162	166	140	173	283	280	267	2,162
1985	D	269	253	260	260	196	180	102	46	105	278	276	264	2,489
1986	W	224	167	184	185	235	262	152	46	138	193	277	265	2,328
1987	C	266	253	259	260	229	129	45	118	65	56	73	179	1,931
1988	C	148	177	164	259	49	46	82	118	131	130	140	253	1,696
1989	C	190	108	132	179	42	259	45	46	83	275	268	259	1,887
1990	C	263	109	191	259	217	141	45	46	45	46	57	146	1,565
1991	C	179	45	112	98	77	260	45	46	71	51	119	245	1,348
1992	C	180	101	121	153	243	203	45	118	45	46	66	128	1,447
1993	W	183	71	244	184	235	263	163	69	179	282	279	266	2,418
1994	C	267	253	260	260	236	158	87	118	144	283	281	267	2,613
Average		233	203	210	207	182	186	107	82	142	227	235	246	2,260
Maximum		270	254	260	260	247	272	175	140	179	283	281	267	2,823
Minimum		118	45	46	45	36	46	45	46	45	46	46	128	1,038
Average by Year Type														
W		241	217	213	201	205	212	122	76	169	270	279	266	2,471
AN		217	209	202	197	162	192	133	86	163	257	274	264	2,357
BN		236	215	240	236	221	215	122	78	161	271	267	265	2,527
D		264	233	219	189	166	166	106	110	133	208	210	245	2,247
C		213	150	186	212	152	140	56	68	82	127	139	194	1,721

Water year types are based on San Joaquin Valley Index (W: Wet; AN: Above Normal; BN: Below Normal; D: Dry; C: Critical)
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Table D-45. CVP Tracy Pumping Plant Export: Difference in TAF (Alt 2 minus Base)

Water Year	Year Type	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
1922	W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1923	AN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1924	C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1925	BN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1926	D	0.0	0.0	0.0	0.0	0.0	12.0	0.0	0.0	0.0	0.0	0.0	0.0	12.0
1927	AN	1.9	0.0	0.0	0.0	10.8	3.5	0.0	0.0	0.0	0.0	0.0	0.0	16.1
1928	BN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1
1929	C	0.2	-0.8	0.0	0.0	0.0	0.0	0.0	0.0	-0.5	0.8	0.6	-0.1	0.1
1930	C	0.0	-1.6	0.0	0.0	2.1	0.0	0.0	0.0	-1.8	1.8	-0.7	-0.1	-0.3
1931	C	0.0	0.1	-3.7	1.2	-0.1	-23.3	0.0	0.0	0.0	0.0	16.1	0.1	-9.5
1932	AN	-5.4	2.9	0.0	0.0	8.6	-0.6	44.4	-59.5	7.3	-0.1	2.1	-0.1	-0.6
1933	D	5.7	44.3	-0.4	-0.6	-0.7	0.0	0.0	0.0	0.0	0.0	-0.4	0.0	47.9
1934	C	-0.1	0.0	-0.1	10.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.6
1935	AN	0.0	1.4	0.3	0.0	0.8	0.0	55.2	0.0	-19.5	0.8	0.0	-0.5	38.4
1936	AN	16.6	-7.2	16.3	0.0	1.8	-0.3	0.0	0.0	0.0	-2.5	0.0	0.0	24.8
1937	W	0.0	-7.5	1.2	0.0	0.0	1.6	-0.2	0.0	-0.5	0.0	0.0	0.0	-5.4
1938	W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1939	D	0.0	0.3	0.1	0.1	0.2	0.0	0.0	0.0	2.5	12.6	10.6	-0.1	26.2
1940	AN	0.2	1.1	-1.6	0.0	0.0	0.0	0.0	0.0	10.4	-7.2	0.0	0.0	2.9
1941	W	0.0	5.6	0.0	0.0	0.0	-7.0	0.0	0.0	0.0	0.0	0.0	0.0	-1.4
1942	W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1943	W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1944	BN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1945	AN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1946	AN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1947	D	0.0	0.0	0.0	0.0	0.0	12.1	0.0	0.0	20.1	-24.7	1.0	-0.1	8.4
1948	BN	-0.7	3.2	-1.2	0.6	3.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0	5.5
1949	BN	0.0	-0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.5
1950	BN	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	0.0	-0.3
1951	AN	0.2	0.0	0.0	8.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.8
1952	W	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1
1953	BN	0.0	0.0	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1
1954	BN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1955	D	0.0	0.0	0.0	0.0	9.6	0.0	-0.1	0.0	0.0	2.1	0.2	-6.2	5.5
1956	W	0.8	-0.5	0.0	0.0	0.0	3.1	0.0	0.0	0.0	9.3	0.0	0.0	12.8
1957	BN	0.0	0.0	0.0	0.0	0.0	3.8	0.0	0.0	0.0	0.0	0.0	0.0	3.7
1958	W	0.0	0.0	0.0	0.0	0.0	0.0	-6.8	0.0	0.0	0.0	0.0	0.0	-6.8
1959	D	0.0	0.0	0.0	-2.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-2.2
1960	C	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1
1961	C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1962	BN	0.0	0.0	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1
1963	AN	0.0	0.0	0.0	0.0	0.0	17.1	0.0	0.0	0.0	0.0	0.0	0.0	17.1
1964	D	0.0	0.0	0.0	0.0	0.0	52.0	1.3	0.0	18.2	8.4	-64.3	-4.3	11.3
1965	W	-4.6	2.1	0.0	0.0	0.0	2.4	0.0	0.0	0.0	0.0	0.0	0.0	-0.2
1966	BN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	59.5	34.1	0.7	0.5	0.3	95.1
1967	W	3.3	0.2	0.1	0.1	9.2	0.0	0.0	0.0	0.0	-0.1	-0.1	-0.2	12.3
1968	D	-0.1	0.0	-2.4	-1.1	-1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-5.0
1969	W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1970	AN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1971	BN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1972	D	0.0	0.0	0.0	0.0	0.0	8.7	0.0	0.0	0.0	0.0	0.0	0.0	8.7
1973	AN	-38.9	0.0	0.0	75.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	36.2
1974	W	0.0	0.0	0.0	0.0	0.0	0.1	-106.9	0.0	0.0	0.0	0.0	0.0	-106.9
1975	W	0.0	0.0	0.0	0.0	0.0	38.9	0.0	0.0	0.0	0.0	0.0	0.0	38.9
1976	C	0.0	0.0	0.0	0.0	4.4	0.1	0.0	0.0	0.0	4.3	-0.5	0.6	8.8
1977	C	-1.5	-0.3	0.0	0.0	0.0	-0.3	0.0	0.0	2.6	2.8	2.4	0.0	5.6
1978	W	-13.4	2.2	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	-0.1	-0.1	-0.2	-11.7
1979	AN	-0.1	0.0	0.0	-3.1	-1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-4.3
1980	W	0.0	0.0	0.0	0.0	-0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.5
1981	D	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1982	W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1983	W	0.0	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1
1984	AN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1985	D	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1
1986	W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1987	C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	-0.2
1988	C	-0.1	0.0	0.0	0.0	-0.4	0.0	0.0	0.0	0.1	0.1	0.1	0.0	-0.2
1989	C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.4	0.0	-0.4
1990	C	0.0	0.8	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.3	0.0	0.8
1991	C	0.0	0.0	0.0	-0.6	0.1	0.0	0.0	0.0	0.0	0.6	0.6	0.0	0.7
1992	C	0.0	0.1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-2.4	0.7	-1.4
1993	W	0.0	-0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.5
1994	C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Average		-0.5	0.6	0.1	1.2	0.6	1.7	-0.2	0.0	1.0	0.1	-0.5	-0.1	4.1
Maximum		16.6	44.3	16.3	75.0	10.8	52.0	55.2	59.5	34.1	12.6	16.1	0.7	95.1
Minimum		-38.9	-7.5	-3.7	-3.1	-1.3	-23.3	-106.9	-59.5	-19.5	-24.7	-64.3	-6.2	-106.9
Average by Year Type														
W		-0.7	0.1	0.1	0.0	0.4	2.0	-5.7	0.0	0.0	0.5	0.0	0.0	-3.5
AN		-1.8	-0.1	1.1	5.8	1.5	1.4	7.1	-4.3	-0.1	-0.6	0.2	0.0	10.0
BN		-0.1	0.2	-0.1	0.0	0.3	0.3	0.0	5.0	2.8	0.1	0.0	0.0	8.6
D		0.5	4.1	-0.2	-0.3	0.7	7.7	0.1	0.0	3.7	-0.2	-4.8	-1.0	10.3
C		-0.1	-0.1	-0.2	0.7	0.4	-1.5	0.0	0.0	0.0	0.6	1.0	0.1	0.9

Water year types are based on San Joaquin Valley Index (W: Wet; AN: Above Normal; BN: Below Normal; D: Dry; C: Critical)
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Table D-46. CVP Tracy Pumping Plant Export: Alternative 2in CFS

Water Year	Year Type	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
1922	W	4,391	4,265	4,227	4,232	4,254	3,520	2,487	2,274	3,000	4,600	4,563	4,486	46,299
1923	AN	4,376	4,260	4,225	3,010	3,426	2,857	750	750	3,000	4,553	4,516	4,461	40,186
1924	C	4,328	3,042	3,274	4,225	3,356	750	750	750	750	1,637	2,415	2,415	26,027
1925	BN	2,560	1,304	3,686	3,483	4,218	750	2,747	1,125	2,270	3,517	3,537	4,390	33,587
1926	D	4,025	3,298	3,359	4,220	4,234	1,838	2,547	1,911	1,285	750	750	3,693	31,910
1927	AN	2,949	4,218	2,992	2,995	4,224	2,700	2,947	1,500	2,935	4,588	4,543	4,475	41,065
1928	BN	4,355	4,254	4,223	4,228	4,245	4,278	2,547	750	1,784	4,562	4,523	4,465	44,213
1929	C	3,618	3,930	4,221	4,225	3,455	750	750	750	1,053	961	1,828	2,857	28,398
1930	C	3,030	1,115	4,209	4,212	3,447	4,247	1,660	1,911	1,137	1,725	1,410	4,022	32,123
1931	C	3,506	2,770	2,305	3,733	2,129	750	750	750	750	750	1,306	2,287	21,787
1932	AN	2,678	1,927	4,209	4,212	3,371	1,565	1,870	1,125	2,182	2,564	3,612	4,289	33,605
1933	D	4,010	1,933	769	732	1,044	750	750	1,911	750	750	870	2,913	17,183
1934	C	2,030	750	4,138	2,971	641	773	750	750	750	750	930	2,859	18,092
1935	AN	2,930	3,296	3,366	2,995	938	4,217	2,427	750	2,197	2,167	4,471	4,300	34,054
1936	AN	3,674	2,364	1,619	3,000	2,480	2,124	750	750	2,319	3,669	4,484	4,404	31,636
1937	W	4,296	2,628	2,438	3,001	4,235	4,007	1,365	1,500	2,342	3,170	4,465	4,363	37,810
1938	W	4,277	4,229	750	750	750	1,666	750	750	3,000	4,563	4,524	4,465	30,474
1939	D	4,336	3,799	1,440	1,705	2,318	2,128	1,859	1,125	1,763	3,502	3,106	3,806	30,886
1940	AN	1,920	2,248	2,025	4,221	4,235	4,254	2,947	2,274	3,000	4,319	4,505	4,452	40,400
1941	W	4,317	4,166	4,219	4,223	4,239	3,673	2,547	1,911	3,000	4,600	4,552	4,480	45,928
1942	W	4,364	4,257	4,224	4,229	2,306	2,646	2,947	1,500	3,000	4,588	4,543	4,475	43,078
1943	W	4,355	4,254	4,223	4,228	2,558	1,395	2,547	750	2,165	4,581	4,538	4,473	40,067
1944	BN	4,350	3,868	4,193	4,227	3,940	3,986	1,500	1,500	2,336	3,792	3,330	4,414	41,436
1945	AN	2,572	4,236	4,218	3,002	4,236	4,277	2,109	750	3,000	4,551	4,515	4,460	41,926
1946	AN	4,327	4,245	4,220	4,224	1,570	2,757	2,400	2,274	3,000	4,575	4,533	4,470	42,595
1947	D	4,345	4,250	4,222	3,117	4,006	3,999	1,798	1,911	2,667	3,333	3,408	4,421	41,476
1948	BN	2,525	3,350	2,456	4,057	4,294	3,230	2,547	750	3,000	4,552	4,515	4,461	39,738
1949	BN	4,049	4,039	4,221	4,102	2,899	3,965	750	750	3,000	4,535	4,502	4,445	41,256
1950	BN	3,505	3,637	2,678	3,003	3,924	3,965	750	750	2,430	4,470	4,453	4,337	37,902
1951	AN	3,187	4,225	4,214	3,779	1,442	2,644	2,076	750	3,000	4,568	4,527	4,467	38,880
1952	W	4,340	3,335	3,002	3,006	4,242	4,269	1,500	1,500	3,000	4,593	4,547	4,477	41,811
1953	BN	4,359	4,255	4,224	2,531	2,607	1,797	2,465	1,125	3,000	4,571	4,530	4,469	39,932
1954	BN	4,342	4,250	4,222	4,226	4,244	4,276	2,747	1,125	3,000	4,598	4,550	4,479	46,059
1955	D	4,362	4,256	4,224	4,229	3,536	2,664	1,752	1,911	3,000	3,249	4,017	4,017	41,217
1956	W	2,992	3,418	4,218	3,002	4,235	4,289	2,488	750	3,000	3,690	4,535	4,471	41,087
1957	BN	4,347	4,251	4,223	4,227	4,245	2,808	2,701	2,093	3,000	4,593	4,547	4,477	45,513
1958	W	4,359	4,255	4,224	4,228	4,248	4,281	2,139	1,500	3,000	4,593	4,547	4,477	45,851
1959	D	4,359	4,255	4,224	3,747	2,605	2,618	1,810	2,093	3,000	4,593	4,546	4,477	42,326
1960	C	3,897	1,194	947	3,008	3,942	3,942	750	750	1,813	4,421	4,369	3,099	32,131
1961	C	3,546	4,111	4,201	3,852	4,224	2,867	1,652	750	1,762	4,561	4,522	3,963	40,012
1962	BN	3,035	1,584	4,221	3,541	4,243	4,270	2,065	2,093	3,000	4,561	4,522	4,464	41,598
1963	AN	4,334	4,247	4,221	4,225	4,243	4,417	2,547	1,911	3,000	4,600	4,558	4,483	46,787
1964	D	4,370	4,259	4,225	4,229	2,890	3,187	2,162	1,911	2,170	2,727	2,751	4,225	39,104
1965	W	2,375	3,955	4,216	4,219	4,233	2,987	2,947	2,274	3,000	4,600	4,563	4,486	43,854
1966	BN	4,375	4,260	4,225	4,230	4,251	4,273	1,125	2,093	2,712	4,574	4,532	4,470	45,120
1967	W	3,531	4,250	3,002	3,007	4,409	4,036	750	750	3,000	4,525	4,495	4,429	40,186
1968	D	4,307	4,239	4,009	1,412	1,890	2,632	2,259	2,093	2,437	4,599	4,551	4,320	38,748
1969	W	4,363	3,838	3,004	3,009	4,249	4,266	2,947	1,500	3,000	4,593	4,547	4,477	43,793
1970	AN	4,359	2,607	1,578	1,634	1,899	2,611	2,189	750	1,994	4,570	4,529	4,468	33,187
1971	BN	4,341	4,249	4,222	4,226	4,244	4,280	2,747	1,125	3,000	4,594	4,547	4,478	46,053
1972	D	4,359	4,255	4,224	4,228	4,006	4,415	750	1,911	3,000	4,552	4,516	4,461	44,677
1973	AN	3,504	4,245	4,221	4,225	4,241	4,284	2,729	1,500	2,743	4,587	4,542	4,475	45,295
1974	W	4,354	4,253	4,223	3,008	4,247	4,287	750	750	2,712	4,577	4,534	4,471	42,165
1975	W	4,346	4,251	4,222	4,227	4,245	3,764	2,947	1,500	3,000	4,588	4,543	4,475	46,109
1976	C	4,355	4,254	4,223	4,228	1,957	2,005	750	750	1,562	1,806	2,617	3,260	31,767
1977	C	2,772	1,727	750	807	750	858	750	750	2,752	2,909	1,337	2,496	18,658
1978	W	2,392	885	2,989	2,991	3,903	4,018	750	750	2,917	4,533	4,501	4,443	35,073
1979	AN	4,313	4,241	3,891	2,138	2,033	2,400	2,782	2,274	3,000	4,567	4,526	4,467	40,633
1980	W	4,338	4,249	4,222	4,226	2,898	1,393	2,050	750	2,353	4,583	4,539	4,473	40,072
1981	D	4,351	4,253	4,223	1,883	2,510	2,496	2,220	2,093	2,818	4,595	4,548	4,478	40,467
1982	W	4,065	4,255	3,004	3,008	4,248	4,266	2,947	1,500	3,000	4,587	4,542	4,475	43,896
1983	W	4,354	4,253	2,072	750	1,527	1,670	750	750	3,000	4,547	4,512	4,459	32,644
1984	AN	4,324	2,701	1,072	1,295	2,072	2,627	2,787	2,274	2,914	4,600	4,558	4,484	35,708
1985	D	4,371	4,259	4,225	4,229	3,523	2,923	1,709	750	1,771	4,527	4,496	4,432	41,214
1986	W	3,636	2,813	2,999	3,003	4,238	4,263	2,547	750	2,314	3,138	4,512	4,459	38,670
1987	C	4,324	4,244	4,220	4,224	4,120	2,104	750	1,911	1,085	912	1,191	3,009	32,095
1988	C	2,412	2,975	2,665	4,216	844	750	1,386	1,911	2,205	2,107	2,277	4,243	27,991
1989	C	3,088	1,823	2,154	2,904	750	4,217	750	750	1,402	4,480	4,366	4,352	31,036
1990	C	4,272	1,825	3,110	4,218	3,915	2,294	750	750	750	925	2,453	2,613	26,013
1991	C	2,912	750	1,826	1,588	1,388	4,229	750	750	1,193	830	1,936	4,125	22,278
1992	C	2,931	1,693	1,968	2,481	4,222	3,309	750	1,911	750	750	1,072	2,144	23,981
1993	W	2,978	1,188	3,960	3,000	4,233	4,279	2,747	1,125	3,000	4,580	4,537	4,472	40,100
1994	C	4,349	4,252	4,223	4,227	4,246	2,573	1,469	1,911	2,416	4,600	4,568	4,489	43,323
Average		3,789	3,409	3,423	3,359	3,249	3,023	1,804	1,331	2,389	3,691	3,822	4,138	37,428
Maximum		4,391	4,265	4,227	4,232	4,409	4,417	2,947	2,274	3,000	4,600	4,568	4,489	46,787
Minimum		1,920	750	750	732	641	750	750	750	750	750	750	2,144	17,183
Average by Year Type														
W		3,921	3,650	3,472	3,267	3,675	3,449	2,045	1,242	2,840	4,392	4,532	4,464	40,948
AN		3,532	3,504	3,291	3,211	2,886	3,124	2,236	1,402	2,735	4,177	4,459	4,440	38,997
BN		3,845	3,608	3,900	3,840	3,946	3,490	2,057	1,273	2,711	4,410	4,341	4,446	41,867
D		4,290	3,914	3,559	3,066	2,960	2,695	1,783	1,784	2,242	3,380	3,414	4,113	37,201
C		3,461	2,528	3,027	3,445	2,712	2,276	948	1,113	1,383	2,066	2,268	3,255	28,482

Water year types are based on San Joaquin Valley Index (W: Wet; AN: Above Normal; BN: Below Normal; D: Dry; C: Critical)
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Table D-47. CVP Tracy Pumping Plant Export: Difference in CFS (Alt 2 minus Base)

Water Year	Year Type	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
1922	W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1923	AN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1924	C	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.2	0.0	-0.2
1925	BN	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	0.3
1926	D	-0.1	0.0	0.0	0.0	0.0	194.8	0.0	0.0	0.7	0.0	0.0	-0.5	194.9
1927	AN	30.4	0.0	0.0	0.0	194.8	56.4	0.0	0.0	-0.2	0.0	0.0	0.0	281.3
1928	BN	0.0	0.0	0.0	0.0	0.0	-0.6	0.0	0.0	0.0	-0.7	-0.5	-0.3	-2.1
1929	C	2.8	-13.8	-0.1	-0.1	0.0	0.0	0.0	0.0	-7.7	12.2	10.2	-2.4	1.1
1930	C	0.0	-27.7	0.0	0.0	38.1	-0.2	0.1	0.0	-30.4	29.5	-11.6	-1.4	-3.5
1931	C	0.0	1.2	-59.4	19.4	-1.4	-378.1	0.0	0.0	0.0	0.0	262.4	1.4	-154.5
1932	AN	-88.0	49.0	0.0	0.0	148.7	-9.5	745.4	-967.7	122.0	-2.2	34.3	-2.2	29.9
1933	D	91.9	744.7	-6.5	-10.0	-12.4	0.0	0.0	0.0	0.0	0.0	-5.9	0.3	802.2
1934	C	-1.4	0.0	-2.2	176.6	0.0	-0.4	0.0	0.0	0.0	0.0	0.1	0.2	172.9
1935	AN	0.3	24.0	4.4	0.0	13.5	0.0	927.0	0.0	-328.3	13.5	-0.1	-8.4	645.8
1936	AN	270.7	-121.7	265.8	0.0	31.7	-5.2	0.0	0.0	0.2	-40.6	0.0	0.0	400.7
1937	W	0.0	-126.2	19.8	0.0	0.0	25.6	-2.7	0.0	-8.1	-0.6	-0.2	-0.5	-93.0
1938	W	-0.2	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.2	0.1	0.3
1939	D	0.2	5.1	1.4	2.2	2.8	0.3	0.1	0.0	41.3	205.3	172.2	-2.5	428.4
1940	AN	2.9	18.3	-26.7	0.0	0.0	0.0	0.0	0.0	174.8	-116.5	0.0	0.1	53.0
1941	W	0.0	93.3	0.0	0.0	0.0	-113.1	0.0	0.0	0.0	0.0	0.0	0.0	-19.8
1942	W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1943	W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1944	BN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1945	AN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1946	AN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1947	D	0.0	0.0	0.0	0.0	0.0	196.9	0.0	0.0	338.3	-402.4	16.0	-1.3	147.5
1948	BN	-10.7	54.3	-19.2	10.3	58.5	1.0	0.0	0.0	0.0	0.5	0.4	0.2	95.3
1949	BN	0.1	-8.9	0.0	-0.1	0.0	0.1	0.0	0.0	0.0	-0.1	-0.1	-0.2	-9.2
1950	BN	0.5	-2.3	-0.6	0.0	0.0	0.0	0.0	0.0	-2.3	0.0	0.0	0.0	-4.8
1951	AN	2.5	0.0	0.0	140.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	143.0
1952	W	0.0	-2.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-2.3
1953	BN	0.0	0.0	0.0	-1.3	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	-1.3
1954	BN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1955	D	0.0	0.0	0.0	0.0	173.5	-0.1	-2.3	0.0	0.0	33.8	2.6	-104.3	103.1
1956	W	13.3	-8.0	0.0	0.0	0.1	50.9	0.0	0.0	0.0	151.0	0.0	0.0	207.3
1957	BN	0.0	0.0	0.0	0.0	0.0	61.0	0.1	0.0	0.0	-0.7	-0.6	-0.3	59.5
1958	W	-0.6	-0.2	-0.1	-0.1	-0.1	0.4	-114.2	0.0	0.0	0.0	0.0	0.0	-114.8
1959	D	0.0	0.0	0.0	-36.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-36.4
1960	C	-0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.8
1961	C	0.0	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.6
1962	BN	0.1	-0.7	0.0	-0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-1.6
1963	AN	0.0	0.0	0.0	0.0	0.0	278.2	0.0	0.0	0.0	0.0	0.0	0.0	278.2
1964	D	0.0	0.0	0.0	0.0	0.0	845.4	22.3	0.0	305.8	136.0	-1,045.9	-71.6	191.9
1965	W	-74.3	34.9	-0.2	-0.2	-0.3	38.4	0.0	0.0	0.0	0.0	0.0	0.0	-1.7
1966	BN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	967.7	573.7	11.4	8.6	4.5	1,566.0
1967	W	53.0	2.7	0.9	1.0	166.1	0.0	0.0	0.0	0.0	-2.4	-1.8	-4.0	215.5
1968	D	-1.8	-0.6	-39.3	-18.7	-22.3	0.0	0.0	0.0	0.2	0.0	0.0	-0.1	-82.5
1969	W	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
1970	AN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1971	BN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1972	D	0.0	0.0	0.0	0.0	0.0	141.2	0.0	0.0	0.0	0.0	0.0	0.0	141.2
1973	AN	-633.1	0.0	0.0	1,219.8	0.0	2.1	0.0	0.0	0.1	0.0	0.0	0.0	588.8
1974	W	0.0	0.0	0.0	0.0	0.0	1.3	-1,796.7	0.0	-0.7	0.0	0.0	0.0	-1,796.2
1975	W	0.0	0.0	0.0	0.0	0.0	632.2	0.0	0.0	0.0	0.0	0.0	0.0	632.2
1976	C	0.0	0.0	0.0	0.0	75.6	1.1	0.0	0.0	0.0	69.6	-8.0	9.3	147.7
1977	C	-24.2	-5.6	0.0	0.1	0.0	-5.3	0.0	0.0	43.9	45.1	38.2	0.5	92.7
1978	W	-218.1	37.1	0.0	0.0	0.0	-0.6	0.0	0.0	-1.6	-1.9	-1.5	-3.2	-189.8
1979	AN	-1.5	-0.5	-0.8	-50.1	-18.6	-0.2	-0.2	0.0	0.0	0.0	0.0	0.0	-71.9
1980	W	0.0	0.0	0.0	0.0	-8.1	0.0	0.0	0.0	-0.1	0.0	0.0	0.0	-8.2
1981	D	0.0	0.0	0.0	1.3	0.0	-0.5	-0.2	0.0	0.0	0.0	0.0	0.0	0.7
1982	W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1983	W	0.0	0.0	-0.9	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-1.0
1984	AN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.2
1985	D	0.0	0.0	0.0	0.0	-0.2	-0.7	0.1	0.0	0.0	0.0	0.0	0.0	-0.8
1986	W	-0.6	-0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	-0.8
1987	C	0.0	0.0	0.0	0.0	-0.2	-0.1	0.0	0.0	-0.6	-0.7	-0.9	-0.5	-2.9
1988	C	-1.8	-0.7	-0.5	0.0	-6.2	0.0	0.0	0.0	1.9	2.1	1.7	0.0	-3.6
1989	C	0.0	0.6	-0.3	-0.3	0.0	0.0	0.0	0.0	-0.3	0.0	-6.1	0.0	-6.5
1990	C	0.0	13.1	5.6	0.0	0.0	-0.2	0.0	0.0	0.0	0.0	-4.3	0.0	14.2
1991	C	0.0	0.0	0.0	-9.6	0.9	0.0	0.0	0.0	0.0	10.4	10.4	0.2	12.3
1992	C	0.0	2.0	3.0	-0.2	0.0	-0.1	0.0	0.0	0.0	0.0	-39.3	11.7	-22.9
1993	W	0.0	-7.6	-0.2	0.0	-0.1	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	-7.9
1994	C	0.0	0.0	0.0	0.0	0.0	-0.1	-0.1	0.0	0.0	0.0	-0.2	-0.1	-0.6
Average		-8.1	10.3	2.0	19.8	11.4	27.6	-3.0	0.0	16.7	2.1	-7.8	-2.4	68.6
Maximum		270.7	744.7	265.8	1,219.8	194.8	845.4	927.0	967.7	573.7	205.3	262.4	11.7	1,566.0
Minimum		-633.1	-126.2	-59.4	-50.1	-22.3	-378.1	-1,796.7	-967.7	-328.3	-402.4	-1,045.9	-104.3	-1,796.2
Average by Year Type														
W		-11.4	1.2	1.0	0.0	7.9	31.7	-95.7	0.0	-0.5	7.3	-0.2	-0.4	-59.0
AN		-29.7	-2.2	17.3	93.6	26.4	23.0	119.4	-69.1	-2.2	-10.4	2.4	-0.8	167.8
BN		-0.8	3.5	-1.7	0.7	4.9	5.1	0.0	80.6	47.6	0.8	0.6	0.3	141.8
D		8.2	68.1	-4.0	-5.6	12.8	125.2	1.8	0.0	62.4	-2.5	-78.3	-16.4	171.8
C		-1.6	-1.9	-3.4	11.6	6.7	-24.0	0.0	0.0	0.4	10.5	15.8	1.2	15.4

Water year types are based on San Joaquin Valley Index (W: Wet; AN: Above Normal; BN: Below Normal; D: Dry; C: Critical)
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Table D-48. CVP Tracy Pumping Plant Export: Difference in Percentage (Alt 2 minus Base)

Water Year	Year Type	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
1922	W	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1923	AN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1924	C	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1925	BN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1926	D	0.0%	0.0%	0.0%	0.0%	0.0%	11.9%	0.0%	0.0%	0.1%	0.0%	0.0%	0.0%	0.6%
1927	AN	1.0%	0.0%	0.0%	0.0%	4.8%	2.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.7%
1928	BN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1929	C	0.1%	-0.4%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.7%	1.3%	0.6%	-0.1%	0.0%
1930	C	0.0%	-2.4%	0.0%	0.0%	1.1%	0.0%	0.0%	0.0%	-2.6%	1.7%	-0.8%	0.0%	0.0%
1931	C	0.0%	0.0%	-2.5%	0.5%	-0.1%	-33.5%	0.0%	0.0%	0.0%	0.0%	25.1%	0.1%	-0.7%
1932	AN	-3.2%	2.6%	0.0%	0.0%	4.6%	-0.6%	66.3%	-46.2%	5.9%	-0.1%	1.0%	-0.1%	0.0%
1933	D	2.3%	62.7%	-0.8%	-1.3%	-1.2%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.7%	0.0%	4.8%
1934	C	-0.1%	0.0%	-0.1%	6.3%	0.0%	-0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	1.0%
1935	AN	0.0%	0.7%	0.1%	0.0%	1.5%	0.0%	61.8%	0.0%	-13.0%	0.6%	0.0%	-0.2%	1.9%
1936	AN	8.0%	-4.9%	19.6%	0.0%	1.3%	-0.2%	0.0%	0.0%	0.0%	-1.1%	0.0%	0.0%	1.3%
1937	W	0.0%	-4.6%	0.8%	0.0%	0.0%	0.6%	-0.2%	0.0%	-0.3%	0.0%	0.0%	0.0%	-0.2%
1938	W	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1939	D	0.0%	0.1%	0.1%	0.1%	0.1%	0.0%	0.0%	0.0%	2.4%	6.2%	5.9%	-0.1%	1.4%
1940	AN	0.2%	0.8%	-1.3%	0.0%	0.0%	0.0%	0.0%	0.0%	6.2%	-2.6%	0.0%	0.0%	0.1%
1941	W	0.0%	2.3%	0.0%	0.0%	0.0%	-3.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%
1942	W	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1943	W	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1944	BN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1945	AN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1946	AN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1947	D	0.0%	0.0%	0.0%	0.0%	0.0%	5.2%	0.0%	0.0%	14.5%	-10.8%	0.5%	0.0%	0.3%
1948	BN	-0.4%	1.6%	-0.8%	0.3%	1.4%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.2%
1949	BN	0.0%	-0.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1950	BN	0.0%	-0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%	0.0%	0.0%	0.0%	0.0%
1951	AN	0.1%	0.0%	0.0%	3.9%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.4%
1952	W	0.0%	-0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1953	BN	0.0%	0.0%	0.0%	-0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1954	BN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1955	D	0.0%	0.0%	0.0%	0.0%	5.2%	0.0%	-0.1%	0.0%	0.0%	1.1%	0.1%	-2.5%	0.2%
1956	W	0.4%	-0.2%	0.0%	0.0%	0.0%	1.2%	0.0%	0.0%	0.0%	4.3%	0.0%	0.0%	0.5%
1957	BN	0.0%	0.0%	0.0%	0.0%	2.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%
1958	W	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-5.1%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.2%
1959	D	0.0%	0.0%	0.0%	-1.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%
1960	C	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1961	C	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1962	BN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1963	AN	0.0%	0.0%	0.0%	0.0%	0.0%	6.7%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.6%
1964	D	0.0%	0.0%	0.0%	0.0%	0.0%	36.1%	1.0%	0.0%	16.4%	5.2%	-27.5%	-1.7%	0.5%
1965	W	-3.0%	0.9%	0.0%	0.0%	0.0%	1.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1966	BN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	86.0%	26.8%	0.2%	0.2%	0.1%	3.6%
1967	W	1.5%	0.1%	0.0%	0.0%	3.9%	0.0%	0.0%	0.0%	0.0%	-0.1%	0.0%	-0.1%	0.5%
1968	D	0.0%	0.0%	-1.0%	-1.3%	-1.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.2%
1969	W	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1970	AN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1971	BN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1972	D	0.0%	0.0%	0.0%	0.0%	0.0%	3.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.3%
1973	AN	-15.3%	0.0%	0.0%	40.6%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	1.3%
1974	W	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-70.5%	0.0%	0.0%	0.0%	0.0%	0.0%	-4.0%
1975	W	0.0%	0.0%	0.0%	0.0%	0.0%	20.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	1.4%
1976	C	0.0%	0.0%	0.0%	0.0%	4.0%	0.1%	0.0%	0.0%	0.0%	4.0%	-0.3%	0.3%	0.5%
1977	C	-0.9%	-0.3%	0.0%	0.0%	0.0%	-0.6%	0.0%	0.0%	1.6%	1.6%	2.9%	0.0%	0.5%
1978	W	-8.4%	4.4%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%	0.0%	0.0%	-0.1%	-0.6%
1979	AN	0.0%	0.0%	0.0%	-2.3%	-0.9%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.2%
1980	W	0.0%	0.0%	0.0%	0.0%	-0.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1981	D	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1982	W	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1983	W	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1984	AN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1985	D	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1986	W	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1987	C	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%	-0.1%	-0.1%	0.0%	0.0%
1988	C	-0.1%	0.0%	0.0%	0.0%	-0.7%	0.0%	0.0%	0.0%	0.1%	0.1%	0.1%	0.0%	0.0%
1989	C	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%	0.0%	0.0%
1990	C	0.0%	0.7%	0.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.5%	0.0%	0.1%
1991	C	0.0%	0.0%	0.0%	-0.6%	0.1%	0.0%	0.0%	0.0%	0.0%	1.3%	0.5%	0.0%	0.1%
1992	C	0.0%	0.1%	0.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-3.5%	0.5%	-0.1%
1993	W	0.0%	-0.6%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1994	C	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Average		-0.2%	0.9%	0.2%	0.6%	0.3%	0.7%	0.7%	0.5%	0.8%	0.2%	0.0%	-0.1%	0.2%
Maximum		8.0%	62.7%	19.6%	40.6%	5.2%	36.1%	66.3%	86.0%	26.8%	6.2%	25.1%	0.5%	4.8%
Minimum		-15.3%	-4.9%	-2.5%	-2.3%	-1.2%	-33.5%	-70.5%	-46.2%	-13.0%	-10.8%	-27.5%	-2.5%	-4.0%
Average by Year Type														
W		-0.5%	0.1%	0.0%	0.0%	0.2%	1.0%	-3.8%	0.0%	0.0%	0.2%	0.0%	0.0%	-0.1%
AN		-0.7%	-0.1%	1.3%	3.0%	0.8%	0.6%	9.1%	-3.3%	-0.1%	-0.2%	0.1%	0.0%	0.4%
BN		0.0%	0.1%	-0.1%	0.0%	0.1%	0.2%	0.0%	7.2%	2.2%	0.0%	0.0%	0.0%	0.3%
D		0.2%	5.7%	-0.2%	-0.3%	0.3%	5.1%	0.1%	0.0%	3.0%	0.2%	-2.0%	-0.4%	0.7%
C		-0.1%	-0.1%	-0.2%	0.4%	0.3%	-2.1%	0.0%	0.0%	-0.1%	0.6%	1.5%	0.0%	0.1%

Water year types are based on San Joaquin Valley Index (W: Wet; AN: Above Normal; BN: Below Normal; D: Dry; C: Critical)

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Table D-49. SWP Banks Pumping Plant Total Export:Alternative 2 in TAF

Water Year	Year Type	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
1922	W	318	198	327	463	472	465	204	140	397	441	415	397	4,239
1923	AN	411	329	343	441	190	176	180	118	200	357	415	397	3,557
1924	C	267	148	221	205	193	18	21	118	18	182	115	98	1,603
1925	BN	116	141	227	214	314	18	169	129	271	159	27	237	2,022
1926	D	134	98	147	266	406	113	158	118	157	394	310	139	2,440
1927	AN	172	397	262	267	456	448	204	140	345	218	411	397	3,719
1928	BN	263	304	434	455	366	465	180	46	229	257	406	300	3,704
1929	C	210	210	261	254	192	97	45	118	18	248	24	72	1,747
1930	C	83	40	315	324	222	429	99	118	140	424	355	150	2,696
1931	C	123	42	115	230	118	56	18	118	18	284	136	102	1,359
1932	AN	60	79	331	358	294	278	40	129	18	126	18	169	1,899
1933	D	160	138	174	444	134	292	65	118	54	153	18	74	1,824
1934	C	144	68	254	262	311	64	18	118	18	174	19	69	1,518
1935	AN	72	145	207	282	226	416	204	20	118	377	419	397	2,884
1936	AN	325	157	200	449	485	421	174	118	325	441	391	379	3,864
1937	W	211	123	172	237	472	465	204	140	100	382	441	289	3,237
1938	W	311	397	472	244	447	399	180	118	397	411	411	427	4,214
1939	D	411	397	434	322	246	257	69	129	124	371	411	323	3,495
1940	AN	231	160	177	367	485	465	204	140	231	441	427	312	3,641
1941	W	330	184	442	519	472	433	180	118	102	411	411	427	4,030
1942	W	411	383	466	387	167	465	204	140	397	203	411	427	4,061
1943	W	411	397	451	514	172	465	180	118	297	198	441	397	4,042
1944	BN	364	108	196	299	280	284	72	140	239	441	441	374	3,239
1945	AN	256	371	308	275	472	366	126	118	271	426	365	390	3,744
1946	AN	376	298	351	507	23	386	143	140	248	441	415	381	3,708
1947	D	351	250	435	192	222	252	107	118	168	429	390	277	3,192
1948	BN	193	200	153	249	118	199	180	118	342	441	434	397	3,025
1949	BN	287	114	300	168	161	286	110	118	193	404	276	228	2,646
1950	BN	43	102	147	269	421	246	149	118	344	441	418	397	3,098
1951	AN	327	397	351	523	472	381	124	118	163	353	441	384	4,035
1952	W	313	269	442	523	485	465	89	140	397	329	347	427	4,227
1953	BN	411	348	440	329	156	406	147	69	397	265	411	427	3,805
1954	BN	411	397	345	445	306	437	192	69	161	346	441	397	3,948
1955	D	359	259	429	449	104	126	65	118	187	333	243	176	2,847
1956	W	99	190	351	296	485	465	148	118	397	369	411	427	3,756
1957	BN	411	294	208	354	311	453	161	129	239	308	331	397	3,595
1958	W	411	393	262	451	434	465	204	140	397	223	411	427	4,219
1959	D	411	334	363	455	207	71	108	129	245	411	441	397	3,573
1960	C	358	123	339	305	273	287	18	118	234	294	41	154	2,543
1961	C	76	173	258	245	396	251	98	118	225	290	383	278	2,793
1962	BN	213	216	260	133	472	399	123	82	188	409	441	386	3,323
1963	AN	411	394	316	449	431	424	180	118	245	273	410	397	4,049
1964	D	411	397	382	445	104	106	129	118	177	441	440	396	3,545
1965	W	228	289	339	389	472	218	204	135	200	309	427	397	3,607
1966	BN	252	397	470	509	360	445	67	129	226	354	396	351	3,955
1967	W	289	372	443	477	430	329	180	118	397	441	411	427	4,314
1968	D	411	397	386	328	329	352	134	129	145	302	411	395	3,720
1969	W	239	263	432	296	472	465	204	92	394	256	411	427	3,952
1970	AN	411	397	262	405	325	356	130	118	267	252	441	397	3,761
1971	BN	306	397	438	459	21	444	170	69	329	402	411	427	3,874
1972	D	411	365	424	446	230	428	45	118	184	348	433	257	3,687
1973	AN	213	397	317	460	472	465	162	140	311	369	405	397	4,108
1974	W	386	397	434	522	459	465	45	118	395	346	411	427	4,404
1975	W	411	385	432	398	472	378	202	140	381	411	411	427	4,448
1976	C	411	397	431	325	163	248	83	118	190	273	371	263	3,274
1977	C	209	177	137	109	59	68	18	46	110	219	18	89	1,260
1978	W	28	90	256	282	459	292	180	118	394	307	411	427	3,245
1979	AN	408	141	96	512	233	465	166	140	296	340	411	367	3,575
1980	W	307	241	320	523	484	236	146	118	331	265	411	427	3,808
1981	D	411	181	278	454	205	447	132	129	168	364	379	379	3,525
1982	W	263	397	430	296	472	465	204	140	397	411	411	427	4,314
1983	W	411	397	425	161	150	158	169	46	245	441	430	415	3,450
1984	AN	346	193	128	349	340	357	166	140	249	271	388	393	3,321
1985	D	336	397	433	347	196	180	102	118	226	441	411	375	3,561
1986	W	389	261	261	455	472	465	177	118	324	411	411	427	4,171
1987	C	411	172	182	344	229	185	18	118	48	429	401	293	2,829
1988	C	149	112	164	437	62	24	82	118	112	249	38	62	1,609
1989	C	39	155	161	194	36	317	45	118	18	441	389	266	2,179
1990	C	253	110	222	435	103	185	18	118	23	245	23	110	1,846
1991	C	84	18	105	80	72	322	45	46	18	204	18	63	1,076
1992	C	80	18	118	153	316	203	93	118	21	206	18	175	1,519
1993	W	87	18	244	296	469	456	192	129	397	441	415	396	3,540
1994	C	411	141	268	330	298	60	87	118	144	441	411	397	3,106
Average		277	244	303	351	302	314	128	115	224	336	338	323	3,257
Maximum		411	397	472	523	485	465	204	140	397	441	441	427	4,448
Minimum		28	18	96	80	21	18	18	20	18	126	18	62	1,076
Average by Year Type														
W		293	282	370	386	421	401	175	122	337	350	413	414	3,964
AN		287	275	261	403	350	386	157	121	235	335	383	368	3,562
BN		272	252	302	324	274	340	143	101	263	352	370	360	3,353
D		346	292	353	377	217	239	101	122	167	363	353	290	3,219
C		207	132	222	264	190	176	50	109	85	288	173	165	2,060

Water year types are based on San Joaquin Valley Index (W: Wet; AN: Above Normal; BN: Below Normal; D: Dry; C: Critical)

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Table D-50. SWP Banks Pumping Plant Total Export: Difference in TAF (Alt 2 minus Base)

Water Year	Year Type	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
1922	W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1923	AN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1924	C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1925	BN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1926	D	0.0	0.0	0.0	-0.1	0.0	19.4	0.0	0.0	20.2	-0.6	3.8	0.0	42.6
1927	AN	-1.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.9	0.0	0.0	2.1
1928	BN	0.2	-0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	-0.7	1.2	0.4
1929	C	-0.2	0.1	-0.5	-0.6	0.0	0.0	0.0	0.0	0.0	4.4	5.5	-0.3	8.4
1930	C	0.4	0.4	0.0	0.0	-1.3	0.0	0.0	0.0	2.2	0.3	0.5	0.0	2.6
1931	C	0.0	0.1	3.6	1.2	-0.1	1.4	0.0	0.0	0.0	-4.8	-14.3	-0.1	-12.9
1932	AN	0.3	0.1	0.0	0.0	-8.8	0.6	0.7	0.0	0.0	-9.0	0.0	0.1	-15.9
1933	D	-5.9	-43.5	-0.1	0.0	0.5	0.0	0.0	0.0	-1.0	0.0	0.0	0.0	-50.1
1934	C	-0.1	0.2	-0.1	4.0	0.0	0.0	0.0	0.0	0.0	-0.3	0.0	0.0	3.8
1935	AN	-0.1	-0.3	0.3	0.0	0.1	0.0	115.0	0.0	-243.5	85.6	62.4	0.0	19.5
1936	AN	9.7	-10.2	11.5	0.0	0.0	3.7	0.0	0.0	0.0	0.0	-2.1	5.6	18.2
1937	W	0.0	19.5	0.3	0.0	0.0	0.0	0.0	0.0	-5.6	-0.7	0.0	0.0	13.5
1938	W	-4.5	0.0	0.0	0.0	11.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.4
1939	D	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	0.0	-0.1	-0.9	0.0	1.7	0.7
1940	AN	0.0	1.0	-0.6	0.0	0.0	0.0	0.0	0.0	-2.7	0.0	-14.9	-12.8	-30.1
1941	W	-5.2	-2.5	0.0	0.0	0.0	14.4	0.0	0.0	0.0	0.0	0.0	0.0	6.6
1942	W	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0
1943	W	0.0	0.0	0.0	-0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.9
1944	BN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1945	AN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1946	AN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1947	D	0.0	0.0	0.0	0.0	0.0	-4.4	0.0	0.0	-20.2	14.4	1.6	6.3	-2.4
1948	BN	-0.3	-0.2	-0.6	0.6	-3.4	0.1	0.0	0.0	0.0	0.0	-1.2	0.0	-5.0
1949	BN	0.6	-0.5	0.0	-0.3	0.0	0.0	0.0	0.0	0.0	-0.5	-0.4	0.0	-1.1
1950	BN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.4	0.0	0.0	0.0	-0.5
1951	AN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	1.0
1952	W	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
1953	BN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1954	BN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1955	D	0.0	0.0	0.0	0.0	8.0	0.0	0.4	0.0	0.0	0.1	8.1	-0.2	16.4
1956	W	0.7	-2.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-7.6	0.0	0.0	-9.3
1957	BN	0.0	0.0	0.0	-1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	-0.9
1958	W	0.0	0.2	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
1959	D	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1
1960	C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
1961	C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.1
1962	BN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1	0.0	-1.4	0.0	-0.2	-0.5
1963	AN	0.0	0.0	0.0	0.0	0.0	32.2	0.0	0.0	17.5	-0.1	-0.6	-0.2	48.7
1964	D	0.0	0.0	-1.4	0.0	0.0	6.7	1.3	0.0	-18.3	0.0	-0.3	14.8	2.8
1965	W	-54.2	7.1	0.0	0.0	0.0	-13.5	0.0	-0.2	0.0	20.9	0.6	0.0	-39.2
1966	BN	14.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-11.0	22.4	1.1	1.6	28.1
1967	W	-1.4	-4.2	0.0	0.0	0.1	-0.6	0.0	0.0	0.0	0.0	0.0	0.0	-6.1
1968	D	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	-0.2	0.1	0.0	0.3
1969	W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1970	AN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1971	BN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1972	D	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	26.0	-0.7	27.4	53.1
1973	AN	15.7	0.0	-110.3	187.5	0.0	0.0	0.0	0.0	0.0	0.7	-0.1	0.0	93.5
1974	W	0.2	0.0	0.0	0.0	0.0	0.0	-135.8	0.0	-0.1	137.1	0.0	0.0	1.3
1975	W	0.0	-12.5	0.0	5.7	0.0	185.5	0.0	0.0	0.0	17.3	0.0	0.0	196.0
1976	C	0.0	0.0	0.0	-11.1	2.6	0.0	0.0	0.0	0.0	6.8	0.8	2.4	1.4
1977	C	1.0	-0.2	0.7	0.0	0.0	0.0	0.0	0.0	-2.6	0.0	0.0	0.0	-1.0
1978	W	0.0	1.4	-2.7	0.0	4.6	0.0	0.0	0.0	0.0	11.0	0.3	0.0	14.6
1979	AN	0.1	0.0	-0.6	0.0	-0.1	0.0	0.0	0.0	0.1	0.0	0.0	-0.1	-0.6
1980	W	-0.1	-0.1	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1981	D	0.0	0.0	-0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.3	0.0	0.2
1982	W	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
1983	W	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
1984	AN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.1	0.0
1985	D	0.0	0.0	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	-0.1
1986	W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1987	C	0.0	-0.1	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1
1988	C	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1	0.0	0.0	0.0	1.0
1989	C	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-1.1	-0.1	-1.2
1990	C	-0.1	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.4	0.0	-0.2
1991	C	0.0	0.0	0.0	-1.0	1.5	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	0.4
1992	C	-0.1	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	-0.2	0.0	0.0	0.0
1993	W	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3
1994	C	0.0	0.0	-0.1	0.0	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5
Average		-0.4	-0.7	-1.4	2.5	0.2	3.4	-0.3	0.0	-3.6	4.5	0.7	0.6	5.6
Maximum		15.7	19.5	11.5	187.5	11.9	185.5	115.0	1.1	20.2	137.1	62.4	27.4	196.0
Minimum		-54.2	-43.5	-110.3	-11.1	-8.8	-13.5	-135.8	-0.2	-243.5	-9.0	-14.9	-12.8	-50.1
Average by Year Type														
W		-3.2	0.3	-0.1	0.3	0.8	9.3	-6.8	0.0	-0.3	8.9	0.0	0.0	9.3
AN		1.7	-0.7	-7.1	13.4	-0.6	2.6	8.3	0.0	-16.3	5.9	3.2	-0.5	9.7
BN		1.2	-0.1	-0.1	-0.1	-0.3	0.0	0.0	0.1	-1.0	1.8	-0.1	0.2	1.7
D		-0.5	-4.0	-0.1	0.0	0.8	2.0	0.2	0.0	-1.7	3.5	1.2	4.6	5.8
C		0.1	0.1	0.2	-0.5	0.3	0.1	0.0	0.0	0.0	0.4	-0.6	0.1	0.2

Water year types are based on San Joaquin Valley Index (W: Wet; AN: Above Normal; BN: Below Normal; D: Dry; C: Critical)
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Table D-51. SWP Banks Pumping Plant Total Export: Alternative 2 in CFS

Water Year	Year Type	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
1922	W	5,175	3,335	5,317	7,528	8,500	7,561	3,432	2,274	6,680	7,180	6,749	6,680	70,410
1923	AN	6,680	5,525	5,586	7,170	3,426	2,857	3,032	1,911	3,355	5,801	6,749	6,680	58,774
1924	C	4,341	2,490	3,592	3,336	3,356	300	357	1,911	300	2,958	1,863	1,639	26,444
1925	BN	1,886	2,363	3,686	3,483	5,651	300	2,837	2,093	4,559	2,588	441	3,985	33,872
1926	D	2,184	1,644	2,390	4,333	7,319	1,838	2,648	1,911	2,639	6,407	5,044	2,333	40,690
1927	AN	2,801	6,680	4,263	4,349	8,218	7,286	3,432	2,274	5,805	3,543	6,680	6,680	62,010
1928	BN	4,273	5,102	7,064	7,401	6,356	7,561	3,032	750	3,851	4,176	6,597	5,037	61,200
1929	C	3,416	3,526	4,249	4,127	3,455	1,571	750	1,911	300	4,029	389	1,211	28,935
1930	C	1,345	667	5,118	5,271	3,990	6,972	1,660	1,911	2,345	6,896	5,768	2,521	44,465
1931	C	1,993	700	1,865	3,733	2,129	918	300	1,911	300	4,617	2,217	1,720	22,404
1932	AN	979	1,320	5,387	5,816	5,105	4,518	678	2,093	300	2,056	300	2,832	31,383
1933	D	2,603	2,321	2,829	7,222	2,405	4,751	1,093	1,911	906	2,496	300	1,237	30,074
1934	C	2,345	1,142	4,138	4,257	5,595	1,047	300	1,911	300	2,831	302	1,155	25,323
1935	AN	1,178	2,443	3,366	4,582	4,062	6,759	3,432	323	1,984	6,136	6,818	6,678	47,762
1936	AN	5,282	2,630	3,251	7,303	8,437	6,843	2,924	1,911	5,458	7,180	6,363	6,364	63,948
1937	W	3,436	2,070	2,794	3,855	8,500	7,561	3,432	2,274	1,682	6,209	7,180	4,860	53,853
1938	W	5,055	6,680	7,678	3,969	8,041	6,494	3,032	1,911	6,680	6,680	6,680	7,180	70,080
1939	D	6,680	6,680	7,065	5,241	4,425	4,186	1,156	2,093	2,086	6,039	6,680	5,428	57,759
1940	AN	3,764	2,683	2,881	5,967	8,437	7,561	3,432	2,274	3,882	7,180	6,937	5,247	60,245
1941	W	5,370	3,096	7,194	8,442	8,500	7,049	3,032	1,911	1,712	6,680	6,680	7,180	66,847
1942	W	6,680	6,444	7,580	6,287	3,003	7,561	3,432	2,274	6,680	3,308	6,680	7,180	67,109
1943	W	6,680	6,680	7,336	8,355	3,093	7,561	3,032	1,911	4,996	3,220	7,180	6,678	66,722
1944	BN	5,918	1,823	3,189	4,860	4,873	4,615	1,214	2,274	4,009	7,180	7,180	6,284	53,420
1945	AN	4,166	6,237	5,016	4,471	8,500	5,954	2,109	1,911	4,548	6,929	5,934	6,559	62,335
1946	AN	6,117	5,007	5,703	8,249	407	6,274	2,400	2,274	4,166	7,180	6,749	6,395	60,922
1947	D	5,710	4,204	7,081	3,117	4,006	4,104	1,798	1,911	2,824	6,983	6,336	4,655	52,727
1948	BN	3,142	3,367	2,494	4,057	2,051	3,230	3,022	1,911	5,746	7,180	7,060	6,678	49,938
1949	BN	4,675	1,911	4,886	2,738	2,899	4,652	1,855	1,911	3,247	6,577	4,483	3,826	43,661
1950	BN	702	1,706	2,396	4,382	7,588	4,209	2,511	1,911	5,789	7,180	6,802	6,680	51,657
1951	AN	5,322	6,680	5,705	8,500	8,500	6,000	2,076	1,911	2,741	5,748	7,180	6,460	67,023
1952	W	5,089	4,526	7,195	8,500	8,437	7,561	1,500	2,274	6,672	5,350	5,640	7,180	69,924
1953	BN	6,680	5,847	7,162	5,343	2,802	6,595	2,465	1,125	6,680	4,307	6,680	7,180	62,865
1954	BN	6,680	6,680	5,610	7,241	5,511	7,105	3,232	1,125	2,701	5,622	7,180	6,680	65,366
1955	D	5,837	4,357	6,975	7,297	1,869	2,056	1,089	1,911	3,139	5,415	3,957	2,958	46,860
1956	W	1,614	3,198	5,704	4,813	8,437	7,561	2,488	1,911	6,680	5,996	6,680	7,180	62,262
1957	BN	6,680	4,944	3,378	5,760	5,600	7,365	2,701	2,093	4,014	5,008	5,391	6,672	59,607
1958	W	6,680	6,610	4,267	7,340	7,819	7,561	3,432	2,274	6,680	3,621	6,680	7,180	70,145
1959	D	6,680	5,619	5,906	7,403	3,735	1,155	1,810	2,093	4,121	6,680	7,180	6,680	59,061
1960	C	5,820	2,061	5,518	4,958	4,744	4,672	300	1,911	3,940	4,776	674	2,584	41,958
1961	C	1,240	2,914	4,201	3,979	7,138	4,087	1,652	1,911	3,787	4,721	6,235	4,677	46,542
1962	BN	3,469	3,638	4,231	2,167	8,500	6,492	2,065	1,326	3,159	6,644	7,180	6,487	55,358
1963	AN	6,680	6,625	5,141	7,294	7,766	6,900	3,032	1,911	4,125	4,438	6,670	6,677	67,259
1964	D	6,680	6,680	6,208	7,236	1,802	1,724	2,162	1,911	2,969	7,180	7,148	6,662	58,362
1965	W	3,708	4,849	5,513	6,320	8,500	3,549	3,432	2,194	3,366	5,027	6,945	6,680	60,084
1966	BN	4,092	6,680	7,640	8,280	6,478	7,237	1,125	2,093	3,795	5,756	6,440	5,896	65,510
1967	W	4,694	6,249	7,202	7,753	7,736	5,352	3,032	1,911	6,680	7,180	6,680	7,180	71,648
1968	D	6,680	6,680	6,279	5,342	5,727	5,724	2,259	2,093	2,437	4,913	6,687	6,631	61,451
1969	W	3,886	4,427	7,033	4,816	8,500	7,561	3,432	1,500	6,620	4,161	6,680	7,180	65,796
1970	AN	6,680	6,680	4,264	6,583	5,848	5,793	2,189	1,911	4,482	4,093	7,180	6,678	62,381
1971	BN	4,981	6,680	7,121	7,465	374	7,228	2,856	1,125	5,534	6,531	6,680	7,180	63,755
1972	D	6,680	6,128	6,897	7,251	4,006	6,953	750	1,911	3,090	5,666	7,040	4,319	60,691
1973	AN	3,457	6,680	5,159	7,481	8,500	7,561	2,729	2,274	5,230	6,004	6,582	6,668	68,324
1974	W	6,283	6,680	7,053	8,492	8,260	7,561	750	1,911	6,636	5,624	6,680	7,180	73,109
1975	W	6,680	6,470	7,031	6,472	8,500	6,149	3,393	2,274	6,406	6,680	6,680	7,180	73,914
1976	C	6,680	6,680	7,011	5,285	2,839	4,040	1,398	1,911	3,186	4,447	6,033	4,419	53,929
1977	C	3,401	2,977	2,233	1,766	1,054	1,109	300	750	1,856	3,562	300	1,498	20,806
1978	W	461	1,519	4,159	4,593	8,269	4,749	3,032	1,911	6,616	4,989	6,684	7,180	54,162
1979	AN	6,641	2,370	1,558	8,332	4,204	7,561	2,782	2,274	4,969	5,529	6,680	6,169	59,070
1980	W	4,996	4,052	5,206	8,500	8,407	3,846	2,456	1,911	5,558	4,306	6,680	7,180	63,099
1981	D	6,680	3,037	4,516	7,386	3,684	7,273	2,220	2,093	2,818	5,915	6,167	6,369	58,158
1982	W	4,270	6,680	7,001	4,816	8,500	7,561	3,432	2,274	6,680	6,680	6,680	7,180	71,754
1983	W	6,680	6,680	6,919	2,615	2,694	2,570	2,848	750	4,126	7,180	6,989	6,982	57,033
1984	AN	5,627	3,248	2,081	5,683	5,910	5,804	2,787	2,274	4,192	4,403	6,310	6,611	54,930
1985	D	5,458	6,680	7,040	5,646	3,523	2,923	1,709	1,911	3,806	7,180	6,680	6,295	58,850
1986	W	6,318	4,393	4,250	7,407	8,500	7,561	2,980	1,911	5,441	6,680	6,680	7,180	69,301
1987	C	6,680	2,895	2,967	5,592	4,120	3,006	300	1,911	805	6,978	6,520	4,921	46,694
1988	C	2,417	1,886	2,665	7,104	1,077	386	1,386	1,911	1,884	4,055	625	1,036	26,433
1989	C	636	2,608	2,611	3,162	649	5,150	750	1,911	300	7,180	6,328	4,470	35,756
1990	C	4,114	1,853	3,608	7,075	1,856	3,006	300	1,911	394	3,990	380	1,853	30,340
1991	C	1,374	300	1,710	1,302	1,291	5,243	750	750	300	3,310	300	1,067	17,697
1992	C	1,302	300	1,921	2,481	5,486	3,309	1,556	1,911	353	3,357	300	2,944	25,219
1993	W	1,414	300	3,960	4,812	8,443	7,417	3,232	2,093	6,680	7,180	6,749	6,659	58,939
1994	C	6,680	2,369	4,363	5,364	5,369	974	1,469	1,911	2,416	7,180	6,680	6,680	51,455
Average		4,512	4,108	4,926	5,711	5,388	5,111	2,151	1,876	3,770	5,461	5,502	5,429	53,943
Maximum		6,680	6,680	7,678	8,500	8,500	7,561	3,432	2,274	6,680	7,180	7,180	7,180	73,914
Minimum		461	300	1,558	1,302	374	300	300	323	300	2,056	300	1,036	17,697
Average by Year Type														
W		4,758	4,747	6,020	6,284	7,532	6,517	2,942	1,983	5,664	5,697	6,714	6,953	65,809
AN		4,670	4,629	4,240	6,556	6,237	6,276	2,645	1,966	3,946	5,444	6,224	6,193	59,026
BN		4,431	4,228	4,905	5,265	4,890	5,532	2,410	1,645	4,424	5,729	6,009	6,049	55,517
D		5,625	4,912	5,744	6,134	3,864	3,881	1,699	1,977	2,803	5,897	5,747	4,870	53,153
C		3,262	2,210	3,611	4,300	3,384	2,862	845	1,766	1,423	4,680	2,807	2,775	34,025

Water year types are based on San Joaquin Valley Index (W: Wet; AN: Above Normal; BN: Below Normal; D: Dry; C: Critical)

Table D-52. SWP Banks Pumping Plant Total Export: Difference in CFS (Alt 2 minus Base)

Water Year	Year Type	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
1922	W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1923	AN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1924	C	0.1	-0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1
1925	BN	-0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	-0.4
1926	D	-0.5	0.0	0.4	-1.8	0.0	315.2	0.0	0.0	339.0	-9.7	61.3	0.3	704.4
1927	AN	-30.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.6	64.1	0.0	0.0	33.3
1928	BN	2.6	-15.9	0.0	0.0	-0.9	0.0	0.0	0.0	0.0	12.3	-12.0	19.9	5.9
1929	C	-2.8	0.9	-7.9	-10.1	0.0	-0.1	0.0	0.0	0.0	71.7	89.3	-4.9	136.1
1930	C	6.9	6.3	0.0	0.0	-23.8	0.0	0.1	0.0	37.0	5.3	8.7	0.3	40.7
1931	C	0.0	1.7	59.3	19.4	-1.4	23.6	0.0	0.0	0.0	-78.2	-232.3	-1.5	-209.4
1932	AN	5.0	1.5	0.0	0.0	-152.5	9.9	12.3	0.0	0.0	-146.2	0.0	1.6	-268.4
1933	D	-96.3	-731.8	-0.9	-0.1	8.8	0.0	-0.3	0.0	-17.6	0.0	0.0	0.0	-838.2
1934	C	-0.9	4.1	-2.2	65.4	-0.1	-0.2	0.0	0.0	0.0	-4.1	0.0	-0.1	61.8
1935	AN	-1.3	-5.8	4.4	0.0	2.0	-0.1	1,932.0	0.2	-4,092.1	1,392.2	1,015.2	0.0	246.7
1936	AN	158.1	-172.2	187.1	0.0	0.0	60.2	-0.2	0.0	0.5	0.0	-34.5	94.1	293.1
1937	W	-0.6	327.2	4.9	0.0	0.0	0.0	0.0	0.0	-93.8	-10.9	0.0	0.8	227.6
1938	W	-73.3	0.0	0.0	0.0	215.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	141.7
1939	D	0.0	0.0	0.0	0.0	-2.1	0.0	0.8	0.0	-1.1	-13.9	0.0	29.1	12.8
1940	AN	-0.1	16.4	-9.5	0.0	0.0	0.0	0.0	0.0	-45.1	0.0	-243.0	-215.9	-497.2
1941	W	-85.2	-42.4	0.0	0.0	0.0	234.2	0.0	0.0	-0.3	0.0	0.0	0.0	106.3
1942	W	0.0	-0.1	0.0	16.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	16.2
1943	W	0.0	0.0	0.0	-14.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-14.4
1944	BN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
1945	AN	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2
1946	AN	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
1947	D	0.0	0.0	0.0	0.0	0.0	-71.6	0.0	0.0	-340.0	233.8	25.2	106.5	-46.0
1948	BN	-4.3	-4.0	-10.1	10.3	-58.6	1.0	0.2	0.0	0.0	0.0	-19.9	0.2	-85.2
1949	BN	9.5	-7.7	-0.7	-4.3	0.0	0.0	-0.1	0.0	0.0	-8.2	-7.2	0.4	-18.4
1950	BN	-0.4	0.0	0.5	0.0	0.0	0.0	0.0	0.0	-6.9	0.0	-0.7	0.0	-7.6
1951	AN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	16.0	0.0	0.0	16.0
1952	W	0.1	1.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0
1953	BN	0.0	0.0	0.0	0.0	0.1	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1954	BN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1955	D	0.0	0.0	0.0	0.0	143.6	0.1	5.9	0.0	0.3	1.8	132.5	-3.2	281.0
1956	W	12.1	-41.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-123.6	0.0	0.0	-153.2
1957	BN	0.0	0.0	0.0	-17.8	0.0	0.0	0.1	0.0	-0.8	0.6	3.1	0.0	-14.7
1958	W	0.0	3.0	-2.2	-0.1	-0.1	0.0	0.0	0.0	0.0	0.3	0.0	0.0	1.0
1959	D	0.0	-0.3	0.0	0.0	0.0	1.2	0.0	0.0	0.2	0.0	0.0	0.0	1.1
1960	C	0.2	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.1	0.0	0.9
1961	C	0.0	-0.1	0.1	0.0	0.0	0.5	0.0	0.0	0.0	1.7	0.3	-0.3	2.1
1962	BN	0.1	0.1	0.1	0.0	0.0	0.0	0.0	17.4	0.0	-22.4	0.0	-4.2	-8.9
1963	AN	0.0	-0.1	0.0	0.0	0.0	523.3	0.0	0.0	293.8	-2.1	-10.3	-2.8	801.8
1964	D	0.0	0.0	-22.9	0.0	-0.6	108.2	22.3	0.0	-307.1	0.0	-4.7	248.7	44.0
1965	W	-881.5	119.8	0.0	0.0	0.0	-219.2	0.0	-3.0	-0.2	340.2	9.6	0.0	-634.2
1966	BN	227.3	0.0	0.0	0.0	0.3	0.0	0.0	0.0	-184.4	364.3	18.0	26.6	452.0
1967	W	-23.3	-71.0	0.3	0.1	1.6	-9.3	0.0	0.0	0.0	0.0	0.0	0.0	-101.6
1968	D	0.0	0.0	5.4	0.0	0.0	0.0	0.0	0.0	0.2	-2.7	2.2	0.2	5.4
1969	W	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	0.0	-0.1
1970	AN	0.0	0.0	-0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1
1971	BN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1972	D	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.2	422.6	-11.7	461.0	878.0
1973	AN	255.5	0.0	-1,793.1	3,048.7	0.0	0.0	0.0	0.0	0.2	10.8	-1.4	0.0	1,520.7
1974	W	3.2	0.0	0.0	-0.1	0.0	0.0	-2,282.0	0.0	-2.2	2,229.1	0.0	0.0	-52.1
1975	W	0.0	-210.2	0.0	93.0	0.0	3,016.8	-0.2	0.0	-0.2	281.1	0.0	0.0	3,180.4
1976	C	0.0	0.0	0.0	-181.0	44.4	-0.4	-0.1	0.0	0.2	110.2	12.4	40.9	26.8
1977	C	16.9	-2.7	11.7	0.0	0.0	0.0	0.0	0.0	-43.9	0.8	0.0	-0.5	-17.6
1978	W	0.1	24.0	-44.4	0.0	82.7	0.4	0.0	0.0	0.8	178.1	4.5	0.0	246.2
1979	AN	1.8	-0.5	-10.3	-0.1	-2.1	0.0	-0.2	0.0	1.7	0.2	0.0	-1.3	-10.7
1980	W	-1.8	-2.2	0.0	0.0	4.1	0.0	-0.2	0.0	-0.3	0.0	0.0	0.0	-0.4
1981	D	0.0	-0.4	-3.3	0.0	0.0	0.0	-0.2	0.0	0.0	3.0	5.2	-0.8	3.6
1982	W	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.3
1983	W	0.0	0.0	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2
1984	AN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	-0.1	-1.7	1.6	0.1
1985	D	-0.4	0.0	0.0	-1.2	-0.2	-0.7	0.1	0.0	0.0	0.0	0.0	1.0	-1.4
1986	W	0.0	-0.5	0.0	0.0	0.0	0.0	-0.1	0.0	-0.1	0.0	0.0	0.0	-0.8
1987	C	0.0	-1.0	-0.2	-1.3	-0.2	-0.2	0.0	0.0	-0.2	0.4	0.7	0.4	-1.6
1988	C	-1.9	0.4	-0.5	0.0	-0.3	0.0	0.0	0.0	19.3	-0.1	0.0	0.0	16.9
1989	C	-1.3	0.3	-0.5	0.2	-0.2	0.0	0.0	0.0	0.0	0.0	-17.2	-1.0	-19.7
1990	C	-0.9	5.2	-0.2	0.0	-0.5	-0.5	0.0	0.0	-0.1	0.0	-5.8	0.0	-2.9
1991	C	0.5	0.0	0.0	-16.1	27.7	0.0	0.0	0.0	0.0	-2.4	0.0	-0.2	9.5
1992	C	-2.2	0.0	5.0	-0.2	0.0	-0.1	-0.1	0.0	0.0	-3.3	0.0	0.6	-0.3
1993	W	5.9	0.0	-0.2	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	5.6
1994	C	0.0	-0.2	-2.0	-0.7	31.5	-0.4	-0.1	0.0	0.0	0.0	0.0	0.0	28.1
Average		-6.9	-10.9	-22.3	41.2	4.4	54.7	-4.2	0.2	-60.8	72.8	10.8	10.9	89.7
Maximum		255.5	327.2	187.1	3,048.7	215.1	3,016.8	1,932.0	17.4	339.0	2,229.1	1,015.2	461.0	3,180.4
Minimum		-881.5	-731.8	-1,793.1	-181.0	-152.5	-219.2	-2,282.0	-3.0	-4,092.1	-146.2	-243.0	-215.9	-838.2
Average by Year Type														
W		-52.2	5.4	-2.0	4.7	15.2	151.1	-114.1	-0.2	-4.8	144.7	0.7	0.0	148.6
AN		27.8	-11.5	-115.8	217.8	-10.9	42.4	138.9	0.0	-274.4	95.4	51.7	-8.8	152.5
BN		19.5	-2.3	-0.9	-1.0	-4.9	0.1	0.0	1.5	-16.0	28.9	-1.6	3.6	26.9
D		-8.8	-66.6	-1.9	-0.3	13.6	32.0	2.6	0.0	-29.1	57.7	19.1	76.6	95.0
C		0.9	0.9	3.9	-7.8	4.8	1.4	0.0	0.0	0.8	6.4	-9.0	2.1	4.5

Water year types are based on San Joaquin Valley Index (W: Wet; AN: Above Normal; BN: Below Normal; D: Dry; C: Critical)

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Table D-53. SWP Banks Pumping Plant Total Export: Difference in Percentage (Alt 2 minus Base)

Water Year	Year Type	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
1922	W	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1923	AN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1924	C	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1925	BN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1926	D	0.0%	0.0%	0.0%	0.0%	0.0%	20.7%	0.0%	0.0%	14.7%	-0.2%	1.2%	0.0%	1.8%
1927	AN	-1.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	1.8%	0.0%	0.0%	0.1%
1928	BN	0.1%	-0.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.3%	-0.2%	0.4%	0.0%
1929	C	-0.1%	0.0%	-0.2%	-0.2%	0.0%	0.0%	0.0%	0.0%	0.0%	1.8%	29.8%	-0.4%	0.5%
1930	C	0.5%	0.9%	0.0%	0.0%	-0.6%	0.0%	0.0%	0.0%	1.6%	0.1%	0.2%	0.0%	0.1%
1931	C	0.0%	0.2%	3.3%	0.5%	-0.1%	2.6%	0.0%	0.0%	0.0%	-1.7%	-9.5%	-0.1%	-0.9%
1932	AN	0.5%	0.1%	0.0%	0.0%	-2.9%	0.2%	1.9%	0.0%	0.0%	-6.6%	0.0%	0.1%	-0.8%
1933	D	-3.6%	-24.0%	0.0%	0.0%	0.4%	0.0%	0.0%	0.0%	-1.9%	0.0%	0.0%	0.0%	-2.7%
1934	C	0.0%	0.4%	-0.1%	1.6%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%	0.0%	0.0%	0.3%
1935	AN	-0.1%	-0.2%	0.1%	0.0%	0.0%	0.0%	128.8%	0.1%	-67.3%	29.3%	17.5%	0.0%	0.7%
1936	AN	3.1%	-6.1%	6.1%	0.0%	0.0%	0.9%	0.0%	0.0%	0.0%	0.0%	-0.5%	1.5%	0.5%
1937	W	0.0%	18.8%	0.2%	0.0%	0.0%	0.0%	0.0%	0.0%	-5.3%	-0.2%	0.0%	0.0%	0.4%
1938	W	-1.4%	0.0%	0.0%	0.0%	2.7%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.2%
1939	D	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	-0.1%	-0.2%	0.0%	0.5%	0.0%
1940	AN	0.0%	0.6%	-0.3%	0.0%	0.0%	0.0%	0.0%	0.0%	-1.1%	0.0%	-3.4%	-4.0%	-0.8%
1941	W	-1.6%	-1.4%	0.0%	0.0%	0.0%	3.4%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.2%
1942	W	0.0%	0.0%	0.0%	0.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1943	W	0.0%	0.0%	0.0%	-0.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1944	BN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1945	AN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1946	AN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1947	D	0.0%	0.0%	0.0%	0.0%	0.0%	-1.7%	0.0%	0.0%	-10.7%	3.5%	0.4%	2.3%	-0.1%
1948	BN	-0.1%	-0.1%	-0.4%	0.3%	-2.8%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.3%	0.0%	-0.2%
1949	BN	0.2%	-0.4%	0.0%	-0.2%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%	-0.2%	0.0%	0.0%
1950	BN	-0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%	0.0%	0.0%	0.0%	0.0%
1951	AN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.3%	0.0%	0.0%	0.0%
1952	W	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1953	BN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1954	BN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1955	D	0.0%	0.0%	0.0%	0.0%	8.3%	0.0%	0.5%	0.0%	0.0%	0.0%	3.5%	-0.1%	0.6%
1956	W	0.8%	-1.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-2.0%	0.0%	0.0%	-0.2%
1957	BN	0.0%	0.0%	0.0%	-0.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%
1958	W	0.0%	0.0%	-0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1959	D	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1960	C	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1961	C	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1962	BN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	1.3%	0.0%	-0.3%	0.0%	-0.1%	0.0%
1963	AN	0.0%	0.0%	0.0%	0.0%	0.0%	8.2%	0.0%	0.0%	7.7%	0.0%	-0.2%	0.0%	1.2%
1964	D	0.0%	0.0%	-0.4%	0.0%	0.0%	6.7%	1.0%	0.0%	-9.4%	0.0%	-0.1%	3.9%	0.1%
1965	W	-19.2%	2.5%	0.0%	0.0%	0.0%	-5.8%	0.0%	-0.1%	0.0%	7.3%	0.1%	0.0%	-1.1%
1966	BN	5.9%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-4.6%	6.8%	0.3%	0.5%	0.7%
1967	W	-0.5%	-1.1%	0.0%	0.0%	0.0%	-0.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%
1968	D	0.0%	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%	0.0%	0.0%	0.0%
1969	W	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1970	AN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1971	BN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1972	D	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.2%	8.1%	-0.2%	11.9%	1.5%
1973	AN	8.0%	0.0%	-25.8%	68.8%	0.0%	0.0%	0.0%	0.0%	0.0%	0.2%	0.0%	0.0%	2.3%
1974	W	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	-75.3%	0.0%	0.0%	65.7%	0.0%	0.0%	0.0%
1975	W	0.0%	-3.1%	0.0%	1.5%	0.0%	96.3%	0.0%	0.0%	0.0%	4.4%	0.0%	0.0%	4.6%
1976	C	0.0%	0.0%	0.0%	-3.3%	1.6%	0.0%	0.0%	0.0%	0.0%	2.5%	0.2%	0.9%	0.0%
1977	C	0.5%	-0.1%	0.5%	0.0%	0.0%	0.0%	0.0%	0.0%	-2.3%	0.0%	0.0%	0.0%	-0.1%
1978	W	0.0%	1.6%	-1.1%	0.0%	1.0%	0.0%	0.0%	0.0%	0.0%	3.7%	0.1%	0.0%	0.5%
1979	AN	0.0%	0.0%	-0.7%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1980	W	0.0%	-0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1981	D	0.0%	0.0%	-0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.1%	0.0%	0.0%
1982	W	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1983	W	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1984	AN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1985	D	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1986	W	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1987	C	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1988	C	-0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	1.0%	0.0%	0.0%	0.0%	0.1%
1989	C	-0.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.3%	0.0%	-0.1%
1990	C	0.0%	0.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-1.5%	0.0%	0.0%
1991	C	0.0%	0.0%	0.0%	-1.2%	2.2%	0.0%	0.0%	0.0%	0.0%	-0.1%	0.0%	0.0%	0.0%
1992	C	-0.2%	0.0%	0.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%	0.0%	0.0%	0.0%
1993	W	0.4%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1994	C	0.0%	0.0%	0.0%	0.0%	0.6%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Average		-0.1%	-0.2%	-0.3%	0.9%	0.1%	1.8%	0.8%	0.0%	-1.1%	1.7%	0.5%	0.2%	0.1%
Maximum		8.0%	18.8%	6.1%	68.8%	8.3%	96.3%	128.8%	1.3%	14.7%	65.7%	29.8%	11.9%	4.6%
Minimum		-19.2%	-24.0%	-25.8%	-3.3%	-2.9%	-5.8%	-75.3%	-0.1%	-67.3%	-6.6%	-9.5%	-4.0%	-2.7%
Average by Year Type														
W		-1.1%	0.8%	0.0%	0.1%	0.2%	4.7%	-3.8%	0.0%	-0.3%	3.9%	0.0%	0.0%	0.2%
AN		0.7%	-0.4%	-1.5%	4.9%	-0.2%	0.7%	9.3%	0.0%	-4.3%	1.8%	1.0%	-0.2%	0.2%
BN		0.5%	-0.1%	0.0%	0.0%	-0.2%	0.0%	0.0%	0.1%	-0.4%	0.6%	0.0%	0.1%	0.0%
D		-0.3%	-2.2%	0.0%	0.0%	0.8%	2.3%	0.1%	0.0%	-0.6%	1.0%	0.5%	1.7%	0.1%
C		0.0%	0.1%	0.2%	-0.2%	0.2%	0.2%	0.0%	0.0%	0.0%	0.2%	1.2%	0.0%	0.0%

Water year types are based on San Joaquin Valley Index (W: Wet; AN: Above Normal; BN: Below Normal; D: Dry; C: Critical)

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Table D-54. SWP Banks Pumping Plant Export for CVP Wheeling: Alternative 2 in TAF

Water Year	Year Type	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
1922	W	128	0	34	0	0	0	0	0	0	0	0	39	201
1923	AN	30	59	42	0	0	0	0	0	0	9	9	45	194
1924	C	36	0	0	0	0	0	0	0	0	1	0	0	37
1925	BN	0	0	0	0	40	0	0	0	0	56	9	0	104
1926	D	0	0	0	3	34	0	0	0	0	22	0	0	59
1927	AN	0	0	0	0	0	0	0	0	0	61	0	73	134
1928	BN	36	0	0	0	0	59	0	0	0	131	60	12	297
1929	C	0	0	0	0	0	0	0	0	0	5	0	0	5
1930	C	0	0	28	33	0	0	0	0	0	43	0	0	104
1931	C	0	0	0	0	0	0	0	0	0	5	0	0	5
1932	AN	0	0	36	49	0	0	0	0	0	23	0	0	108
1933	D	0	0	0	0	0	0	0	0	0	0	0	0	0
1934	C	0	0	0	0	0	0	0	0	0	20	0	0	20
1935	AN	0	0	0	0	0	0	0	0	0	0	0	4	4
1936	AN	47	0	0	0	0	0	0	0	0	0	7	52	106
1937	W	1	0	0	0	0	0	0	0	0	26	46	9	82
1938	W	0	0	0	0	0	0	0	0	0	0	0	0	0
1939	D	0	90	0	0	0	0	0	0	0	25	10	27	152
1940	AN	1	0	0	54	0	0	0	0	0	0	0	12	67
1941	W	116	0	0	0	0	0	0	0	0	0	0	0	116
1942	W	0	128	79	37	0	0	0	0	0	126	0	0	370
1943	W	0	0	0	81	0	0	0	0	0	30	0	43	154
1944	BN	66	0	0	0	0	0	0	0	0	0	0	48	113
1945	AN	16	0	25	0	0	0	0	0	0	0	2	66	108
1946	AN	58	0	46	0	0	0	0	0	0	0	0	20	124
1947	D	123	22	0	0	0	0	0	0	0	66	0	0	210
1948	BN	0	0	0	0	101	0	0	0	0	0	11	2	114
1949	BN	101	0	0	0	0	0	0	0	0	160	25	0	286
1950	BN	0	0	0	0	0	0	0	0	0	0	0	34	34
1951	AN	4	0	46	0	0	0	0	0	0	2	0	66	118
1952	W	60	0	0	0	0	104	0	0	0	98	72	0	334
1953	BN	0	57	99	0	0	0	0	0	0	19	0	0	175
1954	BN	5	0	122	0	35	0	0	0	0	0	0	24	186
1955	D	104	3	0	0	0	0	0	0	0	63	0	0	170
1956	W	0	0	46	0	0	0	0	0	0	18	0	0	63
1957	BN	0	110	0	0	38	0	0	0	0	59	37	63	307
1958	W	0	10	0	0	0	60	0	0	0	120	0	0	189
1959	D	0	98	0	0	0	0	0	0	0	0	0	46	145
1960	C	82	0	0	0	0	0	0	0	0	55	13	0	150
1961	C	0	0	0	0	0	0	0	0	0	133	69	0	202
1962	BN	0	0	0	0	0	0	0	0	0	4	0	64	68
1963	AN	0	56	28	0	0	14	0	0	0	42	12	34	186
1964	D	3	0	62	0	0	0	0	0	0	0	0	52	117
1965	W	0	0	40	65	0	0	0	0	0	77	0	65	247
1966	BN	30	0	0	0	33	44	0	0	0	9	13	85	213
1967	W	34	22	0	0	0	0	0	0	0	0	33	0	89
1968	D	0	90	4	0	0	0	0	0	0	15	22	75	207
1969	W	16	0	0	0	0	0	0	0	0	235	0	0	251
1970	AN	0	16	8	0	0	0	0	0	0	76	0	71	171
1971	BN	21	0	0	0	4	0	0	0	0	0	0	0	25
1972	D	0	150	0	0	0	0	0	0	0	122	57	0	330
1973	AN	0	0	29	0	0	0	0	0	0	17	21	62	129
1974	W	28	0	0	0	68	56	0	0	0	17	0	0	169
1975	W	0	111	0	0	62	0	0	0	0	3	0	0	176
1976	C	0	19	0	0	0	0	0	0	0	21	0	0	40
1977	C	0	0	0	0	0	0	0	0	0	0	0	0	0
1978	W	0	0	0	0	0	0	0	0	0	124	0	0	124
1979	AN	79	0	0	0	0	0	0	0	0	71	0	63	213
1980	W	0	0	30	0	0	0	0	0	0	209	0	0	240
1981	D	0	50	0	0	0	0	0	0	0	9	16	69	144
1982	W	33	0	0	0	0	0	0	0	0	0	0	0	33
1983	W	0	0	0	0	0	0	0	0	0	116	2	51	169
1984	AN	108	0	0	0	0	0	0	0	0	36	17	76	236
1985	D	24	0	0	41	0	0	0	0	0	0	0	0	64
1986	W	108	2	0	0	0	0	0	0	0	0	0	0	110
1987	C	31	50	0	0	0	0	0	0	0	31	0	0	112
1988	C	0	0	0	0	0	0	0	0	0	8	0	0	8
1989	C	0	0	0	0	0	29	0	0	0	0	0	0	29
1990	C	43	0	0	0	0	0	0	0	0	0	0	0	43
1991	C	0	0	0	0	0	31	0	0	0	15	0	0	46
1992	C	0	0	0	0	36	0	0	0	0	53	0	0	89
1993	W	0	0	0	0	0	0	0	0	0	0	0	50	50
1994	C	44	34	0	0	31	0	0	0	0	0	0	77	186
Average		22	16	11	5	7	5	0	0	0	37	8	22	132
Maximum		128	150	122	81	101	104	0	0	0	235	72	85	370
Minimum		0	0	0	0	0	0	0	0	0	0	0	0	0
Average by Year Type														
W		26	14	11	9	6	11	0	0	0	60	8	13	158
AN		25	9	18	7	0	1	0	0	0	24	5	46	136
BN		22	14	18	0	21	9	0	0	0	36	13	28	160
D		23	46	6	4	3	0	0	0	0	29	9	24	145
C		15	6	2	2	4	4	0	0	0	24	5	5	67

Water year types are based on San Joaquin Valley Index (W: Wet; AN: Above Normal; BN: Below Normal; D: Dry; C: Critical)

D:\DMC\Final Report\ReportTables\X2\Final Table\X2_export.xls\BanksPP_CVP

Table D-55. SWP Banks Pumping Plant Export for CVP Wheeling: Difference in TAF (Alt 2 minus Base)

Water Year	Year Type	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
1922	W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1923	AN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1924	C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1925	BN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1926	D	0.0	0.0	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1927	AN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.6	0.0	0.0	7.6
1928	BN	0.1	0.0	0.0	0.0	0.0	-0.2	0.0	0.0	0.0	0.7	1.4	-0.4	1.6
1929	C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.3
1930	C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.2	0.0	0.0	-0.2
1931	C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.2	0.0	0.0	-0.2
1932	AN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.7	0.0	0.0	-0.7
1933	D	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1934	C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.3	0.0	0.0	-0.3
1935	AN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-3.1	-1.2	-4.3
1936	AN	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-2.1	4.3	3.2
1937	W	-2.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.2	0.8	0.1	-1.5
1938	W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1939	D	0.0	-0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.2	0.2	-0.4
1940	AN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1941	W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1942	W	0.0	0.0	-0.6	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.7
1943	W	0.0	0.0	0.0	-0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.9
1944	BN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1945	AN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1946	AN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1947	D	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.4	0.0	0.0	-0.4
1948	BN	0.0	0.0	0.0	0.0	-3.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-3.4
1949	BN	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	0.5
1950	BN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1951	AN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1952	W	0.0	0.0	0.0	0.0	0.0	-0.4	0.0	0.0	0.0	0.0	0.0	0.0	-0.4
1953	BN	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
1954	BN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1955	D	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.3
1956	W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1957	BN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.2	0.0	-0.2
1958	W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1959	D	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1960	C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1961	C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.1
1962	BN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1963	AN	0.0	0.0	0.0	0.0	0.0	13.9	0.0	0.0	0.0	0.2	5.5	-3.8	15.8
1964	D	-0.5	0.0	-1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-1.2	-3.0
1965	W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-19.7	0.0	-9.2	-28.9
1966	BN	13.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.3	14.8
1967	W	-1.4	2.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	1.0
1968	D	0.0	-0.5	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
1969	W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1970	AN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1971	BN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1972	D	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	25.0	7.6	0.0	32.7
1973	AN	0.0	0.0	28.8	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	-0.1	0.0	28.7
1974	W	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-90.5	0.0	0.0	-90.3
1975	W	0.0	26.1	0.0	0.0	-6.0	0.0	0.0	0.0	0.0	-6.2	0.0	0.0	14.0
1976	C	0.0	17.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.0	0.0	18.2
1977	C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1978	W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	-0.1
1979	AN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1980	W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1981	D	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1982	W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1983	W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1984	AN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1985	D	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1986	W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1987	C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1988	C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1989	C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1990	C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1991	C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1992	C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.2	0.0	0.0	-0.2
1993	W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1994	C	0.0	-0.1	0.0	0.0	1.8	0.0	0.0	0.0	0.0	0.0	0.0	-0.3	1.5
Average		0.2	0.6	0.4	0.0	-0.1	0.2	0.0	0.0	0.0	-1.2	0.1	-0.1	0.1
Maximum		13.4	26.1	28.8	0.0	1.8	13.9	0.0	0.0	0.0	25.0	7.6	4.3	32.7
Minimum		-2.2	-0.5	-1.3	-0.9	-6.0	-0.4	0.0	0.0	0.0	-90.5	-3.1	-9.2	-90.3
Average by Year Type														
W		-0.2	1.4	0.0	0.0	-0.3	0.0	0.0	0.0	0.0	-5.8	0.0	-0.5	-5.4
AN		0.1	0.0	2.1	0.0	0.0	1.0	0.0	0.0	0.0	0.5	0.0	0.0	3.6
BN		1.2	0.0	0.0	0.0	-0.3	0.0	0.0	0.0	0.0	0.1	0.1	0.1	1.1
D		0.0	-0.1	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	2.3	0.7	-0.1	2.6
C		0.0	1.1	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2

Water year types are based on San Joaquin Valley Index (W: Wet; AN: Above Normal; BN: Below Normal; D: Dry; C: Critical)

D:\DMC\Final Report\ReportTables\X2\Final Table[X2_export.xls]BanksPP_CVP

Table D-56. SWP Banks Pumping Plant Export for CVP Wheeling: Difference in Percentage (Alt 2 minus Base)

Water Year	Year Type	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
1922	W	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1923	AN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1924	C	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1925	BN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1926	D	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%
1927	AN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	14.1%	0.0%	0.0%	6.0%
1928	BN	0.3%	0.0%	0.0%	0.0%	0.0%	-0.3%	0.0%	0.0%	0.0%	0.5%	2.4%	-3.5%	0.5%
1929	C	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	6.4%	0.0%	0.0%	6.4%
1930	C	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.5%	0.0%	0.0%	-0.2%
1931	C	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-2.9%	0.0%	0.0%	-2.9%
1932	AN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-3.0%	0.0%	0.0%	-0.6%
1933	D	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1934	C	0.0%	0.0%	0.0%	1.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-1.2%	0.0%	0.0%	-1.2%
1935	AN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-100.0%	-21.6%	-50.5%
1936	AN	2.4%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-22.5%	8.9%	3.1%
1937	W	-80.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.7%	1.7%	0.0%	-1.8%
1938	W	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1939	D	0.0%	-0.5%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-1.6%	0.7%	-0.3%
1940	AN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%
1941	W	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1942	W	0.0%	0.0%	-0.7%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.2%
1943	W	0.0%	0.0%	0.0%	-1.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.6%
1944	BN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1945	AN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1946	AN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1947	D	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.6%	0.0%	0.0%	-0.2%
1948	BN	0.0%	0.0%	0.0%	0.0%	-3.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-2.9%
1949	BN	0.6%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.2%
1950	BN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1951	AN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1952	W	0.0%	0.0%	0.0%	0.0%	0.0%	-0.4%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%
1953	BN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1954	BN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1955	D	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.5%	0.0%	0.0%	0.2%
1956	W	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1957	BN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.5%	0.0%	-0.1%
1958	W	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1959	D	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1960	C	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1961	C	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1962	BN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1963	AN	0.0%	0.0%	0.0%	0.0%	0.0%	N/A	0.0%	0.0%	0.0%	0.4%	80.4%	-10.0%	9.3%
1964	D	-13.9%	0.0%	-2.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-2.2%	-2.5%
1965	W	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-20.4%	0.0%	-12.4%	-10.5%
1966	BN	80.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	1.6%	7.4%
1967	W	-4.1%	13.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	1.2%
1968	D	0.0%	-0.6%	17.6%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1969	W	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1970	AN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1971	BN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1972	D	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	25.7%	15.3%	0.0%	11.0%
1973	AN	0.0%	0.0%	N/A	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	28.7%
1974	W	0.7%	0.0%	0.0%	4.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-84.6%	0.0%	0.0%	-34.8%
1975	W	0.0%	30.6%	0.0%	0.0%	-8.8%	0.0%	0.0%	0.0%	0.0%	-70.1%	0.0%	0.0%	8.6%
1976	C	0.0%	877.4%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	3.4%	0.0%	0.0%	81.3%
1977	C	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1978	W	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%	0.0%	0.0%	-0.1%
1979	AN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1980	W	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1981	D	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1982	W	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%
1983	W	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1984	AN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1985	D	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1986	W	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1987	C	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1988	C	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.2%
1989	C	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1990	C	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1991	C	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1992	C	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.4%	0.0%	0.0%	-0.2%
1993	W	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1994	C	0.0%	0.0%	0.0%	0.0%	6.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.4%	0.8%
Average		-0.2%	12.6%	0.2%	0.0%	-0.1%	0.0%	0.0%	0.0%	0.0%	-1.8%	-0.3%	-0.5%	0.8%
Maximum		80.1%	877.4%	17.6%	0.0%	6.0%	0.0%	0.0%	0.0%	0.0%	25.7%	80.4%	8.9%	81.3%
Minimum		-80.3%	-0.6%	-2.0%	-1.1%	-8.8%	-0.4%	0.0%	0.0%	0.0%	-84.6%	-100.0%	-21.6%	-50.5%
Average by Year Type														
W		-4%	2.2%	0.0%	-0.1%	-0.4%	0.0%	0.0%	0.0%	0.0%	-8.8%	0.1%	-0.6%	-1.9%
AN		0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-3.0%	-1.6%	-0.3%
BN		6.7%	0.0%	0.0%	0.0%	-0.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.2%	-0.2%	0.4%
D		-1.3%	-0.1%	1.4%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	2.3%	1.3%	-0.1%	0.7%
C		0%	54.8%	0.0%	0.0%	0.4%	0.0%	0.0%	0.0%	0.0%	0.3%	0.0%	0.0%	5.2%

Water year types are based on San Joaquin Valley Index (W: Wet; AN: Above Normal; BN: Below Normal; D: Dry; C: Critical)

N/A: Divided by number of zero value.

Table D-57. SWP Banks Pumping Plant Export for SWP: Alternative 2 in TAF

Water Year	Year Type	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
1922	W	190	198	293	463	472	465	204	140	397	411	411	358	4,003
1923	AN	381	270	302	441	190	176	180	118	200	317	401	353	3,328
1924	C	231	148	221	205	193	18	21	118	18	44	114	98	1,429
1925	BN	116	141	227	214	274	18	169	129	271	18	18	237	1,833
1926	D	134	98	147	263	339	113	158	118	157	294	272	139	2,231
1927	AN	172	397	262	267	456	448	204	140	345	156	411	325	3,585
1928	BN	227	304	434	455	366	348	180	46	229	126	273	288	3,275
1929	C	210	210	261	254	192	97	45	118	18	18	18	72	1,512
1930	C	83	40	287	292	222	429	99	118	140	333	289	150	2,478
1931	C	123	42	115	230	118	56	18	118	18	90	133	102	1,162
1932	AN	60	79	295	308	294	278	40	129	18	18	18	169	1,706
1933	D	160	138	174	444	134	292	65	118	18	18	18	74	1,653
1934	C	144	68	254	262	311	64	18	118	18	18	18	69	1,362
1935	AN	72	145	207	282	226	416	204	20	118	333	388	393	2,805
1936	AN	278	157	200	449	485	421	174	118	325	411	353	326	3,696
1937	W	211	123	172	237	472	465	204	140	100	286	339	280	3,028
1938	W	311	397	472	244	447	399	180	118	397	411	411	397	4,185
1939	D	411	308	434	302	246	257	69	129	124	283	401	296	3,260
1940	AN	230	151	177	313	485	465	204	140	199	411	411	300	3,487
1941	W	214	184	442	519	472	402	180	118	102	411	411	397	3,853
1942	W	411	255	307	297	167	465	204	140	397	77	411	397	3,529
1943	W	411	397	451	342	172	465	180	118	297	168	411	354	3,767
1944	BN	298	104	196	299	280	284	72	140	239	411	411	326	3,060
1945	AN	233	371	284	275	472	366	126	118	222	395	350	325	3,536
1946	AN	318	298	305	507	23	386	143	140	248	411	411	361	3,549
1947	D	228	228	435	192	222	252	107	118	162	321	338	261	2,866
1948	BN	193	200	153	249	17	199	180	118	342	411	399	395	2,856
1949	BN	187	114	300	168	161	286	110	118	193	159	251	228	2,275
1950	BN	43	102	147	269	421	246	149	118	344	411	411	363	3,026
1951	AN	323	397	305	523	472	381	124	118	163	351	411	318	3,886
1952	W	253	269	442	523	485	257	89	140	397	231	275	397	3,759
1953	BN	411	291	242	309	156	406	147	69	397	246	411	397	3,481
1954	BN	406	397	223	445	271	437	192	69	161	326	411	374	3,711
1955	D	245	256	429	449	104	126	65	118	182	131	57	176	2,336
1956	W	99	190	305	296	485	465	148	118	397	351	411	397	3,663
1957	BN	411	184	208	354	273	453	161	129	206	214	294	334	3,220
1958	W	411	383	262	451	434	346	204	140	397	103	411	397	3,941
1959	D	411	236	363	455	207	71	108	129	245	411	411	351	3,398
1960	C	244	123	339	305	273	287	18	118	234	153	28	154	2,276
1961	C	76	173	258	245	396	251	98	118	225	70	315	277	2,503
1962	BN	213	216	260	133	472	399	123	82	188	405	411	322	3,224
1963	AN	411	339	288	449	431	410	180	118	232	231	398	363	3,849
1964	D	408	397	319	445	104	106	129	118	177	411	411	345	3,368
1965	W	228	289	299	324	472	218	204	135	200	232	411	332	3,345
1966	BN	221	397	470	509	327	357	67	129	226	315	352	266	3,636
1967	W	254	345	443	477	430	329	180	118	397	411	377	397	4,158
1968	D	411	307	336	308	329	352	134	129	145	285	359	319	3,414
1969	W	223	236	432	296	472	465	204	92	394	20	411	397	3,644
1970	AN	411	382	234	304	325	356	130	118	267	175	411	327	3,439
1971	BN	215	397	438	459	17	444	170	69	329	402	411	397	3,768
1972	D	411	215	424	446	230	428	45	118	184	191	316	257	3,263
1973	AN	213	397	288	460	472	465	162	140	311	322	380	334	3,945
1974	W	358	397	434	522	323	352	45	118	395	329	411	397	4,081
1975	W	411	273	432	398	348	358	202	140	381	408	411	397	4,160
1976	C	411	378	431	325	163	248	83	118	190	117	371	263	3,097
1977	C	209	177	137	109	59	68	18	46	66	84	18	89	1,081
1978	W	28	90	256	282	459	292	180	118	394	20	411	397	2,928
1979	AN	329	141	96	512	233	465	166	140	225	234	411	304	3,256
1980	W	307	241	290	523	482	216	146	118	331	20	411	397	3,482
1981	D	411	131	278	454	205	447	132	129	168	323	363	310	3,350
1982	W	229	397	430	296	472	465	204	140	397	411	411	397	4,251
1983	W	411	397	425	161	150	158	169	46	245	295	395	283	3,136
1984	AN	206	173	128	344	320	357	166	140	249	235	341	318	2,977
1985	D	312	397	433	295	196	180	102	118	226	411	411	375	3,454
1986	W	281	259	261	455	472	465	177	118	324	411	411	397	4,031
1987	C	380	122	182	344	229	185	18	118	18	355	359	293	2,602
1988	C	149	112	164	437	62	24	82	118	112	18	18	49	1,346
1989	C	39	155	161	194	36	288	45	118	18	411	354	266	2,084
1990	C	210	89	222	435	103	185	18	118	23	18	18	110	1,550
1991	C	84	18	105	80	72	291	45	46	18	18	18	63	859
1992	C	80	18	118	153	279	203	93	118	18	18	18	175	1,291
1993	W	87	18	244	296	469	456	192	129	397	411	411	346	3,456
1994	C	367	107	268	330	267	60	87	118	144	411	411	320	2,889
Average		253	227	289	342	293	303	128	115	220	248	315	293	3,026
Maximum		411	397	472	523	485	465	204	140	397	411	411	397	4,251
Minimum		28	18	96	80	17	18	18	20	18	18	18	49	859
Average by Year Type														
W		266	267	355	370	408	375	175	122	337	271	398	376	3,720
AN		260	264	241	388	349	385	157	121	223	286	364	323	3,360
BN		247	237	275	322	253	323	143	101	260	287	338	327	3,114
D		322	247	343	368	211	239	101	122	163	280	305	264	2,963
C		190	124	220	262	186	172	50	109	80	136	156	159	1,845

Water year types are based on San Joaquin Valley Index (W: Wet; AN: Above Normal; BN: Below Normal; D: Dry; C: Critical)

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Table D-58. SWP Banks Pumping Plant Export for SWP: Difference in TAF (Alt 2 minus Base)

Water Year	Year Type	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
1922	W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1923	AN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1924	C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1925	BN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1926	D	0.0	0.0	0.0	-0.1	0.0	19.4	0.0	0.0	20.2	-1.2	1.4	0.0	39.7
1927	AN	-1.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-3.7	0.0	0.0	-5.5
1928	BN	0.1	-0.9	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	-4.7	1.6	-3.6
1929	C	-0.2	0.1	-0.5	-0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.3	-1.5
1930	C	0.4	0.4	0.0	0.0	-1.3	0.0	0.0	0.0	2.2	0.9	0.3	0.0	2.9
1931	C	0.0	0.1	3.6	1.2	-0.1	1.4	0.0	0.0	0.0	-9.5	0.2	-0.1	-3.1
1932	AN	0.3	0.1	0.0	0.0	-8.8	0.6	0.7	0.0	0.0	0.0	0.0	0.1	-6.9
1933	D	-5.9	-43.5	-0.1	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-49.1
1934	C	-0.1	0.2	-0.1	4.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.0
1935	AN	-0.1	-0.3	0.3	0.0	0.1	0.0	115.0	0.0	-243.5	88.6	34.8	1.2	-4.0
1936	AN	8.6	-10.2	11.5	0.0	0.0	3.7	0.0	0.0	0.0	0.0	0.0	1.3	14.9
1937	W	2.1	19.5	0.3	0.0	0.0	0.0	0.0	0.0	-5.6	-1.1	-1.5	0.0	13.7
1938	W	-4.5	0.0	0.0	0.0	11.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.4
1939	D	0.0	0.4	0.0	0.0	-0.1	0.0	0.0	0.0	-0.1	-1.7	0.2	1.5	0.3
1940	AN	0.0	1.0	-0.6	0.0	0.0	0.0	0.0	0.0	-34.5	0.0	0.0	-12.8	-46.9
1941	W	-5.3	-2.5	0.0	0.0	0.0	28.8	0.0	0.0	0.0	0.0	0.0	0.0	21.0
1942	W	0.0	0.0	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2
1943	W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1944	BN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1945	AN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1946	AN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1947	D	0.0	0.0	0.0	0.0	0.0	-4.4	0.0	0.0	-25.9	29.2	-1.3	0.4	-2.0
1948	BN	-0.3	-0.2	-0.6	0.6	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	-0.4
1949	BN	0.0	-0.5	0.0	-0.3	0.0	0.0	0.0	0.0	0.0	-0.4	-0.4	0.0	-1.6
1950	BN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.4	0.0	0.0	0.0	-0.4
1951	AN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	1.0
1952	W	0.0	0.1	0.0	0.0	0.0	0.9	0.0	0.0	0.0	0.0	0.0	0.0	1.0
1953	BN	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1
1954	BN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1955	D	0.0	0.0	0.0	0.0	8.0	0.0	0.4	0.0	0.0	-0.1	0.0	-0.2	8.0
1956	W	0.7	-2.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-7.6	0.0	0.0	-9.3
1957	BN	0.0	0.0	0.0	-1.1	0.0	0.0	0.0	0.0	0.0	0.1	0.4	0.0	-0.6
1958	W	0.0	0.2	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1959	D	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1
1960	C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1961	C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
1962	BN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1	0.0	-1.4	0.0	-0.2	-0.5
1963	AN	0.0	0.0	0.0	0.0	0.0	18.3	0.0	0.0	3.8	-0.3	-6.2	3.6	19.2
1964	D	0.5	0.0	-0.1	0.0	0.0	6.7	1.3	0.0	-18.3	0.0	0.0	16.0	6.1
1965	W	-0.9	7.1	0.0	0.0	0.0	0.0	0.0	-0.2	0.0	40.6	0.0	9.2	55.9
1966	BN	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-11.0	22.4	1.1	0.3	13.3
1967	W	0.0	-0.6	0.0	0.0	0.1	-0.6	0.0	0.0	0.0	0.0	0.1	0.0	-1.0
1968	D	0.0	0.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0	-0.2	0.1	0.0	0.6
1969	W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1970	AN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1971	BN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1972	D	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.9	0.6	27.4	29.3
1973	AN	15.7	0.0	-139.1	187.5	0.0	0.0	0.0	0.0	0.0	0.8	0.0	0.0	64.8
1974	W	0.0	0.0	0.0	0.0	0.0	0.0	-135.8	0.0	-0.1	227.6	0.0	0.0	91.7
1975	W	0.0	-38.7	0.0	5.7	12.0	165.5	0.0	0.0	0.0	23.4	0.0	0.0	168.0
1976	C	0.0	-17.5	0.0	-11.1	2.6	0.0	0.0	0.0	0.0	6.1	0.8	2.4	-16.8
1977	C	1.0	-0.2	0.7	0.0	0.0	0.0	0.0	0.0	2.0	0.0	0.0	0.0	3.6
1978	W	0.0	1.4	-2.7	0.0	4.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.4
1979	AN	0.1	0.0	-0.6	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	-0.7
1980	W	-0.1	-0.1	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2
1981	D	0.0	0.0	-0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.3	0.0	0.3
1982	W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1983	W	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
1984	AN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.1	0.0
1985	D	0.0	0.0	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	-0.1
1986	W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1987	C	0.0	0.0	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	-0.1
1988	C	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1	0.0	0.0	0.0	1.0
1989	C	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-1.1	-0.1	-1.3
1990	C	-0.1	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2
1991	C	0.0	0.0	0.0	-1.0	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6
1992	C	-0.1	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2
1993	W	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3
1994	C	0.0	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.1
Average		0.1	-1.2	-1.7	2.5	0.4	3.3	-0.3	0.0	-4.2	5.7	0.3	0.7	5.7
Maximum		15.7	19.5	11.5	187.5	12.0	165.5	115.0	1.1	20.2	227.6	34.8	27.4	168.0
Minimum		-5.9	-43.5	-139.1	-11.1	-8.8	-4.4	-135.8	-0.2	-243.5	-9.5	-6.2	-12.8	-49.1
Average by Year Type														
W		-0.4	-0.8	-0.1	0.3	1.5	9.7	-6.8	0.0	-0.3	14.1	-0.1	0.5	17.7
AN		1.6	-0.7	-9.2	13.4	-0.6	1.6	8.3	0.0	-19.6	6.2	2.0	-0.5	2.6
BN		0.0	-0.1	-0.1	-0.1	0.0	0.0	0.0	0.1	-0.9	1.7	-0.3	0.1	0.5
D		-0.5	-3.9	0.0	0.0	0.8	2.0	0.2	0.0	-2.2	2.5	0.1	4.1	3.0
C		0.1	-1.0	0.2	-0.5	0.2	0.1	0.0	0.0	0.3	-0.1	0.0	0.1	-0.6

Water year types are based on San Joaquin Valley Index (W: Wet; AN: Above Normal; BN: Below Normal; D: Dry; C: Critical)
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Table D-59. SWP Banks Pumping Plant Export for SWP: Difference in Percentage (Alt 2 minus Base)

Water Year	Year Type	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
1922	W	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1923	AN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1924	C	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1925	BN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1926	D	0.0%	0.0%	0.0%	0.0%	0.0%	20.7%	0.0%	0.0%	14.7%	-0.4%	0.5%	0.0%	1.8%
1927	AN	-1.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-2.3%	0.0%	0.0%	-0.2%
1928	BN	0.0%	-0.3%	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%	0.0%	-0.0%	-1.7%	0.6%	-0.1%
1929	C	-0.1%	0.0%	-0.2%	-0.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.4%	-0.1%
1930	C	0.5%	0.9%	0.0%	0.0%	-0.6%	0.0%	0.0%	0.0%	1.6%	0.3%	0.1%	0.0%	0.1%
1931	C	0.0%	0.2%	3.3%	0.5%	0.0%	2.6%	0.0%	0.0%	0.0%	-9.5%	0.1%	0.0%	-0.3%
1932	AN	0.5%	0.0%	0.0%	0.0%	-2.9%	0.2%	1.9%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.4%
1933	D	-3.6%	-24.0%	0.0%	0.0%	0.4%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-2.9%
1934	C	0.0%	0.4%	-0.1%	1.6%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.3%
1935	AN	0.0%	-0.2%	0.1%	0.0%	0.0%	0.0%	128.8%	0.0%	-67.3%	36.2%	9.8%	0.3%	-0.1%
1936	AN	3.2%	-6.1%	6.1%	0.0%	0.0%	0.9%	0.0%	0.0%	0.0%	0.0%	0.0%	0.4%	0.4%
1937	W	1.0%	18.8%	0.2%	0.0%	0.0%	0.0%	0.0%	0.0%	-5.3%	-0.4%	-0.4%	0.0%	0.5%
1938	W	-1.4%	0.0%	0.0%	0.0%	2.7%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.2%
1939	D	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.6%	0.0%	0.5%	0.0%
1940	AN	0.0%	0.7%	-0.3%	0.0%	0.0%	0.0%	0.0%	0.0%	-14.8%	0.0%	0.0%	-4.1%	-1.3%
1941	W	-2.4%	-1.4%	0.0%	0.0%	0.0%	7.7%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.5%
1942	W	0.0%	0.0%	0.4%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1943	W	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1944	BN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1945	AN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1946	AN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1947	D	0.0%	0.0%	0.0%	0.0%	0.0%	-1.7%	0.0%	0.0%	-13.8%	10.0%	-0.4%	0.2%	-0.1%
1948	BN	-0.1%	-0.1%	-0.4%	0.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1949	BN	0.0%	-0.4%	0.0%	-0.2%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.3%	-0.2%	0.0%	-0.1%
1950	BN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%	0.0%	0.0%	0.0%	0.0%
1951	AN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.3%	0.0%	0.0%	0.0%
1952	W	0.0%	0.0%	0.0%	0.0%	0.0%	0.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1953	BN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1954	BN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1955	D	0.0%	0.0%	0.0%	0.0%	8.3%	0.0%	0.5%	0.0%	0.0%	0.0%	0.0%	-0.1%	0.3%
1956	W	0.8%	-1.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-2.1%	0.0%	0.0%	-0.3%
1957	BN	0.0%	0.0%	0.0%	-0.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%
1958	W	0.0%	0.0%	-0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1959	D	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1960	C	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1961	C	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1962	BN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	1.3%	0.0%	-0.3%	0.0%	-0.1%	0.0%
1963	AN	0.0%	0.0%	0.0%	0.0%	0.0%	4.7%	0.0%	0.0%	1.7%	-0.1%	-1.5%	1.0%	0.5%
1964	D	0.1%	0.0%	0.0%	0.0%	0.0%	6.7%	1.0%	0.0%	-9.4%	0.0%	0.0%	4.9%	0.2%
1965	W	-0.4%	2.5%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%	0.0%	21.2%	0.0%	2.9%	1.7%
1966	BN	0.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-4.6%	7.7%	0.3%	0.1%	0.4%
1967	W	0.0%	-0.2%	0.0%	0.0%	0.0%	-0.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1968	D	0.0%	0.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%	0.0%	0.0%	0.0%
1969	W	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1970	AN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1971	BN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1972	D	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.2%	0.5%	0.2%	11.9%	0.9%
1973	AN	8.0%	0.0%	-32.5%	68.8%	0.0%	0.0%	0.0%	0.0%	0.0%	0.2%	0.0%	0.0%	1.7%
1974	W	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-75.3%	0.0%	0.0%	223.8%	0.0%	0.0%	2.3%
1975	W	0.0%	-12.4%	0.0%	1.5%	3.6%	85.9%	0.0%	0.0%	0.0%	6.1%	0.0%	0.0%	4.2%
1976	C	0.0%	-4.4%	0.0%	-3.3%	1.6%	0.0%	0.0%	0.0%	0.0%	5.5%	0.2%	0.9%	-0.5%
1977	C	0.5%	-0.1%	0.5%	0.0%	0.0%	0.0%	0.0%	0.0%	3.1%	0.0%	0.0%	0.0%	0.3%
1978	W	0.0%	1.6%	-1.1%	0.0%	1.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%
1979	AN	0.0%	0.0%	-0.7%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1980	W	0.0%	-0.1%	0.0%	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1981	D	0.0%	0.0%	-0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.1%	0.0%	0.0%
1982	W	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1983	W	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1984	AN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1985	D	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1986	W	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1987	C	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1988	C	-0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	1.0%	0.0%	0.0%	0.0%	0.1%
1989	C	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.3%	0.0%	-0.1%
1990	C	0.0%	0.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1991	C	0.0%	0.0%	0.0%	-1.2%	2.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%
1992	C	-0.2%	0.0%	0.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1993	W	0.4%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1994	C	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%
Average		0.1%	-0.3%	-0.3%	0.9%	0.2%	1.8%	0.8%	0.0%	-1.3%	4.1%	0.1%	0.3%	0.1%
Maximum		8.0%	18.8%	6.1%	68.8%	8.3%	85.9%	128.8%	1.3%	14.7%	223.8%	9.8%	11.9%	4.2%
Minimum		-3.6%	-24.0%	-32.5%	-3.3%	-2.9%	-1.7%	-75.3%	-0.1%	-67.3%	-9.5%	-1.7%	-4.1%	-2.9%
Average by Year Type														
W		-0.1%	0.4%	0.0%	0.1%	0.4%	4.7%	-3.8%	0.0%	-0.3%	12.4%	0.0%	0.1%	0.5%
AN		0.8%	-0.4%	-1.9%	4.9%	-0.2%	0.4%	9.3%	0.0%	-5.7%	2.5%	0.6%	-0.2%	0.0%
BN		0.0%	-0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	-0.4%	0.6%	-0.1%	0.0%	0.0%
D		-0.3%	-2.1%	0.0%	0.0%	0.8%	2.3%	0.1%	0.0%	-0.7%	0.9%	0.0%	1.6%	0.0%
C		0.0%	-0.2%	0.2%	-0.2%	0.2%	0.2%	0.0%	0.0%	0.4%	-0.2%	0.0%	0.0%	0.0%

Water year types are based on San Joaquin Valley Index (W: Wet; AN: Above Normal; BN: Below Normal; D: Dry; C: Critical)

N/A: Divided by number of zero value.

Table D-60. SWP Banks Pumping Plant Export for EWA: Alternative 2 in TAF

Water Year	Year Type	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
1922	W	0	0	0	0	0	0	0	0	0	31	4	0	35
1923	AN	0	0	0	0	0	0	0	0	0	31	4	0	35
1924	C	0	0	0	0	0	0	0	0	0	137	0	0	137
1925	BN	0	0	0	0	0	0	0	0	0	85	0	0	85
1926	D	0	0	0	0	34	0	0	0	0	78	39	0	150
1927	AN	0	0	0	0	0	0	0	0	0	0	0	0	0
1928	BN	0	0	0	0	0	59	0	0	0	0	73	0	132
1929	C	0	0	0	0	0	0	0	0	0	224	5	0	230
1930	C	0	0	0	0	0	0	0	0	0	48	66	0	114
1931	C	0	0	0	0	0	0	0	0	0	188	3	0	191
1932	AN	0	0	0	0	0	0	0	0	0	85	0	0	85
1933	D	0	0	0	0	0	0	0	0	36	135	0	0	171
1934	C	0	0	0	0	0	0	0	0	0	135	0	0	135
1935	AN	0	0	0	0	0	0	0	0	0	44	31	0	75
1936	AN	0	0	0	0	0	0	0	0	0	31	31	0	61
1937	W	0	0	0	0	0	0	0	0	0	70	56	0	126
1938	W	0	0	0	0	0	0	0	0	0	0	0	30	30
1939	D	0	0	0	20	0	0	0	0	0	63	0	0	83
1940	AN	0	9	0	0	0	0	0	0	32	31	16	0	87
1941	W	0	0	0	0	0	31	0	0	0	0	0	30	61
1942	W	0	0	79	53	0	0	0	0	0	0	0	30	162
1943	W	0	0	0	90	0	0	0	0	0	0	31	0	121
1944	BN	0	4	0	0	0	0	0	0	0	31	31	0	66
1945	AN	7	0	0	0	0	0	0	0	49	31	13	0	100
1946	AN	0	0	0	0	0	0	0	0	0	31	4	0	35
1947	D	0	0	0	0	0	0	0	0	6	43	51	16	115
1948	BN	0	0	0	0	0	0	0	0	0	31	24	0	54
1949	BN	0	0	0	0	0	0	0	0	0	85	0	0	85
1950	BN	0	0	0	0	0	0	0	0	0	31	8	0	38
1951	AN	0	0	0	0	0	0	0	0	0	0	31	0	31
1952	W	0	0	0	0	0	104	0	0	0	0	0	30	134
1953	BN	0	0	99	20	0	0	0	0	0	0	0	30	149
1954	BN	0	0	0	0	0	0	0	0	0	20	31	0	50
1955	D	10	0	0	0	0	0	0	0	5	139	187	0	341
1956	W	0	0	0	0	0	0	0	0	0	0	0	30	30
1957	BN	0	0	0	0	0	0	0	0	33	35	0	0	68
1958	W	0	0	0	0	0	60	0	0	0	0	0	30	89
1959	D	0	0	0	0	0	0	0	0	0	0	31	0	31
1960	C	32	0	0	0	0	0	0	0	0	85	0	0	118
1961	C	0	0	0	0	0	0	0	0	0	87	0	1	89
1962	BN	0	0	0	0	0	0	0	0	0	0	31	0	31
1963	AN	0	0	0	0	0	0	0	0	14	0	0	0	14
1964	D	0	0	0	0	0	0	0	0	0	31	29	0	60
1965	W	0	0	0	0	0	0	0	0	0	0	16	0	16
1966	BN	0	0	0	0	0	44	0	0	0	31	31	0	106
1967	W	0	5	0	0	0	0	0	0	0	31	0	30	66
1968	D	0	0	46	20	0	0	0	0	0	2	31	0	99
1969	W	0	27	0	0	0	0	0	0	0	0	0	30	57
1970	AN	0	0	20	101	0	0	0	0	0	0	31	0	151
1971	BN	51	0	0	0	0	0	0	0	0	0	0	30	80
1972	D	0	0	0	0	0	0	0	0	0	35	60	0	95
1973	AN	0	0	0	0	0	0	0	0	0	31	4	0	35
1974	W	0	0	0	0	68	56	0	0	0	0	0	30	154
1975	W	0	0	0	0	62	20	0	0	0	0	0	30	112
1976	C	0	0	0	0	0	0	0	0	0	136	0	0	136
1977	C	0	0	0	0	0	0	0	0	44	135	0	0	179
1978	W	0	0	0	0	0	0	0	0	0	162	0	30	192
1979	AN	0	0	0	0	0	0	0	0	71	35	0	0	106
1980	W	0	0	0	0	2	20	0	0	0	35	0	30	86
1981	D	0	0	0	0	0	0	0	0	0	31	0	0	31
1982	W	0	0	0	0	0	0	0	0	0	0	0	30	30
1983	W	0	0	0	0	0	0	0	0	0	31	33	81	144
1984	AN	31	20	0	5	20	0	0	0	0	0	31	0	107
1985	D	0	0	0	11	0	0	0	0	0	31	0	0	42
1986	W	0	0	0	0	0	0	0	0	0	0	0	30	30
1987	C	0	0	0	0	0	0	0	0	30	43	42	0	115
1988	C	0	0	0	0	0	0	0	0	0	223	20	12	255
1989	C	0	0	0	0	0	0	0	0	0	31	35	0	65
1990	C	0	21	0	0	0	0	0	0	0	227	5	0	253
1991	C	0	0	0	0	0	0	0	0	0	170	0	0	170
1992	C	0	0	0	0	0	0	0	0	3	135	0	0	138
1993	W	0	0	0	0	0	0	0	0	0	31	4	0	35
1994	C	0	0	0	0	0	0	0	0	0	31	0	0	31
Average		2	1	3	4	3	5	0	0	4	51	16	8	98
Maximum		51	27	99	101	68	104	0	0	71	227	187	81	341
Minimum		0	0	0	0	0	0	0	0	0	0	0	0	0
Average by Year Type														
W		0	2	4	7	7	15	0	0	0	19	7	25	86
AN		3	2	1	8	1	0	0	0	12	25	14	0	66
BN		4	0	8	2	0	9	0	0	3	29	19	5	79
D		1	0	4	5	3	0	0	0	4	53	39	1	111
C		2	1	0	0	0	0	0	0	5	127	11	1	147

Water year types are based on San Joaquin Valley Index (W: Wet; AN: Above Normal; BN: Below Normal; D: Dry; C: Critical)

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Table D-61. SWP Banks Pumping Plant Export for EWA: Difference in TAF (Alt 2 minus Base)

Water Year	Year Type	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
1922	W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1923	AN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1924	C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1925	BN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1926	D	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	2.4	0.0	3.0
1927	AN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1928	BN	0.0	0.0	0.0	0.0	0.0	-0.2	0.0	0.0	0.0	0.0	2.5	0.0	2.4
1929	C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.1	5.5	0.0	9.6
1930	C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.3	0.2	0.0	-0.1
1931	C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.8	-14.5	0.0	-9.6
1932	AN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-8.3	0.0	0.0	-8.3
1933	D	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-1.0	0.0	0.0	0.0	-1.0
1934	C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1935	AN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-3.0	30.7	0.0	27.7
1936	AN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1937	W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.7	0.0	1.4
1938	W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1939	D	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.0	0.0	0.8
1940	AN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	31.8	0.0	-14.9	0.0	16.9
1941	W	0.0	0.0	0.0	0.0	0.0	-14.4	0.0	0.0	0.0	0.0	0.0	0.0	-14.4
1942	W	0.0	0.0	-0.6	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5
1943	W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1944	BN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1945	AN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1946	AN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1947	D	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.7	-14.4	2.8	5.9	0.0
1948	BN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-1.2	0.0	-1.2
1949	BN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1950	BN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1951	AN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1952	W	0.0	0.0	0.0	0.0	0.0	-0.4	0.0	0.0	0.0	0.0	0.0	0.0	-0.4
1953	BN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1954	BN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1955	D	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	8.2	0.0	8.1
1956	W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1957	BN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	0.0	-0.1
1958	W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1959	D	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1960	C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1961	C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1962	BN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1963	AN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	13.7	0.0	0.0	0.0	13.7
1964	D	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.3	0.0	-0.3
1965	W	-53.3	0.0	0.0	0.0	0.0	-13.5	0.0	0.0	0.0	0.0	0.6	0.0	-66.2
1966	BN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1967	W	0.0	-6.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-6.2
1968	D	0.0	0.0	-0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.3
1969	W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1970	AN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1971	BN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1972	D	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-8.9	0.0	-8.9
1973	AN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1974	W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1975	W	0.0	0.0	0.0	0.0	-6.0	20.0	0.0	0.0	0.0	0.0	0.0	0.0	14.0
1976	C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1977	C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-4.6	0.0	0.0	0.0	-4.6
1978	W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	11.1	0.3	0.0	11.4
1979	AN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.1
1980	W	0.0	0.0	0.0	0.0	-0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.2
1981	D	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1982	W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1983	W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1984	AN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1985	D	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1986	W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1987	C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1988	C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1989	C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.1
1990	C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.4	0.0	-0.4
1991	C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	-0.1
1992	C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1993	W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1994	C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Average		-0.7	-0.1	0.0	0.0	-0.1	-0.1	0.0	0.0	0.6	-0.1	0.2	0.1	-0.2
Maximum		0.0	0.0	0.0	1.1	0.0	20.0	0.0	0.0	31.8	11.1	30.7	5.9	27.7
Minimum		-53.3	-6.2	-0.6	0.0	-6.0	-14.4	0.0	0.0	-4.6	-14.4	-14.9	0.0	-66.2
Average by Year Type														
W		-2.7	-0.3	0.0	0.1	-0.3	-0.4	0.0	0.0	0.0	0.6	0.1	0.0	-3.0
AN		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.3	-0.8	1.1	0.0	3.6
BN		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.1
D		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	-1.2	0.4	0.5	0.1
C		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.3	0.5	-0.6	0.0	-0.3

Water year types are based on San Joaquin Valley Index (W: Wet; AN: Above Normal; BN: Below Normal; D: Dry; C: Critical)
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Table D-62. SWP Banks Pumping Plant Export for EWA: Difference in Percentage (Alt 2 minus Base)

Water Year	Year Type	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
1922	W	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1923	AN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1924	C	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1925	BN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1926	D	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.8%	6.6%	0.0%	2.0%
1927	AN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1928	BN	0.0%	0.0%	0.0%	0.0%	0.0%	-0.3%	0.0%	0.0%	0.0%	0.0%	3.6%	0.0%	1.8%
1929	C	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	1.9%	N/A	0.0%	4.4%
1930	C	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.7%	0.3%	0.0%	-0.1%
1931	C	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	2.6%	-82.8%	0.0%	-4.8%
1932	AN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-8.9%	0.0%	0.0%	-8.9%
1933	D	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-2.8%	0.0%	0.0%	0.0%	-0.6%
1934	C	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1935	AN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-6.4%	N/A	0.0%	58.7%
1936	AN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1937	W	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.9%	1.3%	0.0%	1.1%
1938	W	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1939	D	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	1.3%	0.0%	0.0%	1.0%
1940	AN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	N/A	0.0%	-48.6%	0.0%	24.0%
1941	W	0.0%	0.0%	0.0%	0.0%	0.0%	-31.4%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-19.0%
1942	W	0.0%	0.0%	-0.7%	2.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.3%
1943	W	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1944	BN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1945	AN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1946	AN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1947	D	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	N/A	-25.1%	5.8%	61.0%	0.0%
1948	BN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-4.9%	0.0%	-2.2%
1949	BN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1950	BN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%
1951	AN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1952	W	0.0%	0.0%	0.0%	0.0%	0.0%	-0.4%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.3%
1953	BN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1954	BN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1955	D	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%	4.6%	0.0%	2.4%
1956	W	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1957	BN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%
1958	W	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1959	D	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1960	C	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1961	C	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1962	BN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1963	AN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	N/A	0.0%	0.0%	0.0%	N/A
1964	D	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-1.0%	0.0%	-0.5%
1965	W	-100.0%	0.0%	0.0%	0.0%	0.0%	-100.0%	0.0%	0.0%	0.0%	0.0%	3.8%	0.0%	-80.2%
1966	BN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1967	W	0.0%	-54.6%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-8.6%
1968	D	0.0%	0.0%	-0.7%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.3%
1969	W	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1970	AN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1971	BN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1972	D	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-12.9%	0.0%	-8.6%
1973	AN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1974	W	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1975	W	0.0%	0.0%	0.0%	0.0%	-8.8%	N/A	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	14.3%
1976	C	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1977	C	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-9.5%	0.0%	0.0%	0.0%	-2.5%
1978	W	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	7.3%	N/A	0.0%	6.3%
1979	AN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1980	W	0.0%	0.0%	0.0%	0.0%	-12.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.3%
1981	D	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1982	W	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1983	W	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1984	AN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1985	D	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1986	W	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1987	C	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1988	C	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1989	C	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%
1990	C	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-6.8%	0.0%	-0.1%
1991	C	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%	0.0%	0.0%	-0.1%
1992	C	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1993	W	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1994	C	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Average		-1.4%	-0.7%	0.0%	0.0%	-0.3%	-1.8%	0.0%	0.0%	-0.2%	-0.4%	-1.9%	0.8%	-0.3%
Maximum		0.0%	0.0%	0.0%	2.1%	0.0%	0.0%	0.0%	0.0%	0.0%	7.3%	6.6%	61.0%	58.7%
Minimum		-100.0%	-54.6%	-0.7%	0.0%	-12.0%	-100.0%	0.0%	0.0%	-9.5%	-25.1%	-82.8%	0.0%	-80.2%
Average by Year Type														
W		-5.0%	-2.7%	0.0%	0.1%	-1.0%	-6.9%	0.0%	0.0%	0.0%	0.4%	0.3%	0.0%	-4.3%
AN		0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-1.1%	-3.7%	0.0%	5.7%
BN		0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%	0.0%	0.0%
D		0.0%	0.0%	-0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.3%	-2.1%	0.3%	5.5%	-0.4%
C		0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.6%	0.2%	-6.0%	0.0%	-0.2%

Water year types are based on San Joaquin Valley Index (W: Wet; AN: Above Normal; BN: Below Normal; D: Dry; C: Critical)

N/A: Divided by number of zero value.

Table D-63. Actual Delta Export/Inflow Ratio: Alternative 2

Water Year	Year Type	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1922	W	0.65	0.58	0.45	0.65	0.28	0.28	0.18	0.07	0.20	0.48	0.62	0.65
1923	AN	0.65	0.62	0.28	0.27	0.31	0.32	0.11	0.11	0.35	0.49	0.62	0.65
1924	C	0.62	0.46	0.55	0.55	0.40	0.09	0.11	0.16	0.11	0.31	0.33	0.46
1925	BN	0.48	0.38	0.51	0.52	0.14	0.04	0.20	0.17	0.35	0.39	0.36	0.65
1926	D	0.50	0.48	0.50	0.47	0.25	0.25	0.19	0.22	0.27	0.41	0.41	0.56
1927	AN	0.52	0.44	0.34	0.22	0.09	0.21	0.12	0.12	0.35	0.37	0.61	0.65
1928	BN	0.63	0.55	0.65	0.47	0.38	0.10	0.17	0.07	0.35	0.40	0.61	0.65
1929	C	0.54	0.52	0.61	0.61	0.39	0.17	0.15	0.16	0.12	0.37	0.22	0.46
1930	C	0.47	0.21	0.47	0.42	0.37	0.32	0.22	0.22	0.26	0.48	0.46	0.60
1931	C	0.51	0.35	0.42	0.51	0.35	0.18	0.10	0.16	0.11	0.37	0.32	0.46
1932	AN	0.41	0.33	0.39	0.41	0.38	0.33	0.16	0.17	0.14	0.32	0.34	0.59
1933	D	0.54	0.41	0.31	0.49	0.25	0.35	0.13	0.22	0.14	0.26	0.13	0.46
1934	C	0.47	0.22	0.51	0.36	0.36	0.12	0.08	0.16	0.10	0.29	0.13	0.46
1935	AN	0.46	0.43	0.55	0.22	0.30	0.35	0.10	0.04	0.20	0.42	0.61	0.65
1936	AN	0.62	0.43	0.39	0.25	0.13	0.26	0.12	0.11	0.35	0.48	0.59	0.65
1937	W	0.58	0.42	0.44	0.44	0.24	0.21	0.14	0.13	0.22	0.45	0.61	0.65
1938	W	0.61	0.41	0.13	0.13	0.06	0.05	0.05	0.03	0.17	0.47	0.61	0.57
1939	D	0.45	0.65	0.49	0.45	0.45	0.35	0.20	0.19	0.28	0.49	0.57	0.65
1940	AN	0.47	0.47	0.45	0.27	0.18	0.10	0.09	0.18	0.35	0.47	0.61	0.65
1941	W	0.61	0.50	0.25	0.12	0.10	0.11	0.07	0.07	0.20	0.47	0.61	0.56
1942	W	0.59	0.65	0.17	0.12	0.04	0.34	0.11	0.09	0.29	0.38	0.61	0.58
1943	W	0.55	0.60	0.34	0.13	0.09	0.09	0.16	0.10	0.35	0.36	0.62	0.65
1944	BN	0.65	0.47	0.57	0.58	0.32	0.35	0.17	0.21	0.35	0.53	0.61	0.65
1945	AN	0.50	0.65	0.49	0.51	0.22	0.35	0.20	0.12	0.35	0.49	0.59	0.65
1946	AN	0.65	0.57	0.13	0.23	0.07	0.35	0.25	0.21	0.35	0.51	0.61	0.65
1947	D	0.60	0.58	0.61	0.48	0.39	0.35	0.21	0.22	0.35	0.51	0.57	0.64
1948	BN	0.47	0.55	0.45	0.50	0.35	0.35	0.17	0.08	0.35	0.51	0.61	0.65
1949	BN	0.60	0.47	0.60	0.54	0.43	0.18	0.15	0.14	0.34	0.53	0.58	0.63
1950	BN	0.38	0.50	0.44	0.34	0.29	0.35	0.13	0.12	0.35	0.50	0.61	0.65
1951	AN	0.61	0.20	0.09	0.17	0.13	0.26	0.20	0.10	0.35	0.42	0.62	0.65
1952	W	0.65	0.52	0.22	0.12	0.14	0.16	0.04	0.05	0.18	0.44	0.58	0.48
1953	BN	0.42	0.65	0.24	0.07	0.20	0.35	0.22	0.07	0.33	0.36	0.62	0.55
1954	BN	0.65	0.63	0.58	0.36	0.15	0.21	0.13	0.08	0.35	0.43	0.63	0.65
1955	D	0.63	0.54	0.48	0.55	0.32	0.35	0.17	0.22	0.35	0.48	0.52	0.59
1956	W	0.42	0.53	0.09	0.05	0.14	0.27	0.19	0.06	0.35	0.43	0.61	0.53
1957	BN	0.54	0.62	0.58	0.61	0.27	0.19	0.21	0.18	0.35	0.43	0.58	0.65
1958	W	0.61	0.64	0.33	0.29	0.06	0.11	0.05	0.06	0.22	0.40	0.61	0.50
1959	D	0.45	0.64	0.65	0.30	0.11	0.15	0.24	0.24	0.35	0.49	0.62	0.65
1960	C	0.64	0.32	0.48	0.58	0.27	0.35	0.07	0.16	0.35	0.48	0.39	0.54
1961	C	0.44	0.53	0.48	0.62	0.39	0.35	0.22	0.16	0.35	0.48	0.58	0.65
1962	BN	0.48	0.49	0.49	0.49	0.24	0.35	0.23	0.19	0.35	0.48	0.62	0.65
1963	AN	0.30	0.65	0.33	0.63	0.14	0.31	0.06	0.10	0.32	0.39	0.61	0.65
1964	D	0.65	0.39	0.65	0.48	0.28	0.35	0.20	0.22	0.35	0.51	0.57	0.65
1965	W	0.55	0.56	0.11	0.08	0.32	0.25	0.13	0.15	0.35	0.38	0.63	0.65
1966	BN	0.61	0.51	0.54	0.35	0.35	0.35	0.12	0.23	0.34	0.49	0.60	0.65
1967	W	0.56	0.60	0.26	0.20	0.20	0.14	0.06	0.04	0.17	0.46	0.60	0.46
1968	D	0.44	0.65	0.56	0.22	0.11	0.22	0.22	0.24	0.31	0.44	0.64	0.65
1969	W	0.58	0.55	0.39	0.06	0.09	0.17	0.10	0.04	0.20	0.40	0.60	0.60
1970	AN	0.42	0.57	0.09	0.04	0.09	0.19	0.20	0.14	0.35	0.34	0.62	0.65
1971	BN	0.64	0.56	0.18	0.22	0.15	0.22	0.20	0.07	0.35	0.41	0.61	0.53
1972	D	0.63	0.65	0.59	0.61	0.31	0.29	0.10	0.22	0.29	0.48	0.62	0.65
1973	AN	0.56	0.53	0.39	0.13	0.13	0.18	0.23	0.15	0.35	0.45	0.61	0.65
1974	W	0.65	0.17	0.15	0.08	0.27	0.10	0.02	0.09	0.35	0.45	0.61	0.48
1975	W	0.58	0.65	0.59	0.64	0.18	0.10	0.20	0.10	0.30	0.48	0.62	0.50
1976	C	0.48	0.65	0.63	0.64	0.33	0.35	0.18	0.16	0.35	0.42	0.60	0.59
1977	C	0.55	0.45	0.31	0.26	0.20	0.21	0.10	0.09	0.35	0.43	0.16	0.46
1978	W	0.36	0.28	0.43	0.11	0.21	0.12	0.08	0.08	0.33	0.42	0.61	0.61
1979	AN	0.65	0.55	0.46	0.40	0.12	0.24	0.23	0.19	0.34	0.47	0.61	0.65
1980	W	0.61	0.56	0.46	0.11	0.08	0.08	0.18	0.11	0.35	0.42	0.61	0.65
1981	D	0.65	0.57	0.52	0.40	0.21	0.31	0.22	0.24	0.35	0.51	0.59	0.65
1982	W	0.60	0.31	0.10	0.09	0.11	0.13	0.04	0.07	0.28	0.47	0.61	0.51
1983	W	0.35	0.23	0.09	0.03	0.02	0.02	0.04	0.02	0.08	0.26	0.51	0.33
1984	AN	0.30	0.07	0.02	0.10	0.18	0.20	0.23	0.24	0.35	0.37	0.60	0.65
1985	D	0.61	0.39	0.46	0.63	0.39	0.32	0.21	0.15	0.35	0.55	0.61	0.65
1986	W	0.62	0.55	0.38	0.40	0.06	0.08	0.17	0.11	0.35	0.43	0.58	0.65
1987	C	0.65	0.55	0.52	0.62	0.38	0.19	0.07	0.22	0.16	0.45	0.54	0.62
1988	C	0.41	0.48	0.27	0.38	0.14	0.11	0.23	0.22	0.29	0.40	0.27	0.52
1989	C	0.39	0.43	0.43	0.45	0.15	0.19	0.07	0.16	0.14	0.53	0.56	0.65
1990	C	0.61	0.33	0.54	0.58	0.34	0.35	0.08	0.16	0.11	0.35	0.14	0.47
1991	C	0.48	0.12	0.44	0.38	0.25	0.28	0.10	0.09	0.16	0.32	0.22	0.51
1992	C	0.47	0.23	0.46	0.43	0.28	0.31	0.16	0.22	0.10	0.32	0.15	0.51
1993	W	0.48	0.17	0.56	0.12	0.20	0.28	0.14	0.09	0.31	0.48	0.61	0.65
1994	C	0.65	0.54	0.54	0.65	0.34	0.22	0.22	0.22	0.35	0.57	0.56	0.65
Average		0.54	0.48	0.41	0.36	0.23	0.23	0.15	0.14	0.28	0.43	0.53	0.59
Maximum		0.65	0.65	0.65	0.65	0.45	0.35	0.25	0.24	0.35	0.57	0.64	0.65
Minimum		0.30	0.07	0.02	0.03	0.02	0.02	0.02	0.02	0.08	0.26	0.13	0.33
Average by Year Type													
W		0.56	0.47	0.30	0.20	0.14	0.16	0.11	0.08	0.26	0.43	0.60	0.56
AN		0.51	0.47	0.31	0.27	0.18	0.26	0.16	0.14	0.32	0.43	0.59	0.65
BN		0.55	0.53	0.48	0.42	0.27	0.25	0.17	0.13	0.35	0.45	0.59	0.63
D		0.56	0.54	0.53	0.46	0.28	0.30	0.19	0.22	0.31	0.47	0.53	0.62
C		0.52	0.40	0.48	0.50	0.31	0.24	0.13	0.17	0.21	0.41	0.35	0.54

Water year types are based on San Joaquin Valley Index (W: Wet; AN: Above Normal; BN: Below Normal; D: Dry; C: Critical)
D:\DMC\Final Report\ReportTables\X2\Final Table\X2_export.xls\actual_EI

Table D-64. Actual Delta Export/Inflow Ratio: Difference (Alt 2 minus Base)

Water Year	Year Type	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1922	W	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1923	AN	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1924	C	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1925	BN	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1926	D	0.00	0.00	0.00	0.00	0.00	0.03	0.00	0.00	0.02	0.00	0.00	0.00
1927	AN	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1928	BN	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1929	C	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00
1930	C	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1931	C	0.00	0.00	0.00	0.00	0.00	-0.04	0.00	0.00	0.00	0.00	0.01	0.00
1932	AN	-0.01	0.01	0.00	0.00	0.00	0.00	0.05	-0.05	0.01	-0.01	0.00	0.00
1933	D	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1934	C	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1935	AN	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.00	-0.15	0.04	0.02	0.00
1936	AN	0.02	-0.03	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1937	W	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1938	W	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01
1939	D	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	0.01	0.01	0.00
1940	AN	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1941	W	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1942	W	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1943	W	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1944	BN	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1945	AN	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1946	AN	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1947	D	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1948	BN	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1949	BN	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1950	BN	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1951	AN	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1952	W	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1953	BN	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1954	BN	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1955	D	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1956	W	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1957	BN	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1958	W	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1959	D	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1960	C	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1961	C	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1962	BN	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1963	AN	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.01	0.00	0.00	0.00
1964	D	0.00	0.00	0.00	0.00	0.00	0.05	0.00	0.00	0.00	0.00	-0.01	0.00
1965	W	-0.04	0.01	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.01	0.00	0.00
1966	BN	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.00	0.01	0.00	0.00
1967	W	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1968	D	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1969	W	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1970	AN	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1971	BN	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1972	D	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00
1973	AN	0.00	0.00	-0.07	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1974	W	0.00	0.00	0.00	0.00	0.00	0.00	-0.06	0.00	0.00	0.06	0.00	0.00
1975	W	0.05	0.00	0.00	0.00	0.00	0.04	0.00	0.00	0.00	0.01	0.00	0.00
1976	C	0.00	0.00	0.01	-0.01	0.01	0.00	0.00	0.00	0.00	0.01	0.00	0.00
1977	C	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1978	W	-0.02	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1979	AN	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1980	W	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1981	D	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1982	W	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1983	W	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1984	AN	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1985	D	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1986	W	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1987	C	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1988	C	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1989	C	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1990	C	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1991	C	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1992	C	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1993	W	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1994	C	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Average		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Maximum		0.05	0.01	0.03	0.05	0.01	0.05	0.05	0.05	0.02	0.06	0.02	0.00
Minimum		-0.04	-0.03	-0.07	-0.01	0.00	-0.04	-0.06	-0.05	-0.15	-0.01	-0.01	-0.01
Average by Year Type													
W		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AN		0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	-0.01	0.00	0.00	0.00
BN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
D		0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00
C		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Water year types are based on San Joaquin Valley Index (W: Wet; AN: Above Normal; BN: Below Normal; D: Dry; C: Critical)

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Table D-65. Actual Delta Export/Inflow Ratio: Difference in Percentage (Alt 2 minus Base)

Water Year	Year Type	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1922	W	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1923	AN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1924	C	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1925	BN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1926	D	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1927	AN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1928	BN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1929	C	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1930	C	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1931	C	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1932	AN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1933	D	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1934	C	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1935	AN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-42.6%	0.0%	0.0%	0.0%
1936	AN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1937	W	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1938	W	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1939	D	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1940	AN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1941	W	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1942	W	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1943	W	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1944	BN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1945	AN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1946	AN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1947	D	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1948	BN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1949	BN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1950	BN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1951	AN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1952	W	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1953	BN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1954	BN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1955	D	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1956	W	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1957	BN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1958	W	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1959	D	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1960	C	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1961	C	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1962	BN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1963	AN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1964	D	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1965	W	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1966	BN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1967	W	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1968	D	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1969	W	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1970	AN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1971	BN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1972	D	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1973	AN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1974	W	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1975	W	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1976	C	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1977	C	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1978	W	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1979	AN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1980	W	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1981	D	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1982	W	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1983	W	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1984	AN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1985	D	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1986	W	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1987	C	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1988	C	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1989	C	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1990	C	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1991	C	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1992	C	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1993	W	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1994	C	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Average		0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.6%	0.0%	0.0%	0.0%
Maximum		0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Minimum		0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-42.6%	0.0%	0.0%	0.0%
Average by Year Type													
W		0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
AN		0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-3.0%	0.0%	0.0%	0.0%
BN		0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
D		0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
C		0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%

Water year types are based on San Joaquin Valley Index (W: Wet; AN: Above Normal; BN: Below Normal; D: Dry; C: Critical)

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Table D-66. Delta Inflow: Alternative 2 in TAF

Water Year	Year Type	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
1922	W	911	775	1,291	1,112	2,502	2,405	1,954	3,739	2,934	1,502	1,116	1,022	21,262
1923	AN	1,046	932	2,182	2,318	1,238	1,103	1,958	1,443	1,081	1,312	1,115	1,020	16,747
1924	C	856	719	767	850	973	741	586	1,054	559	733	649	528	9,016
1925	BN	572	572	897	827	4,025	1,784	1,630	1,149	1,161	963	678	767	15,025
1926	D	761	616	706	1,130	2,548	917	1,638	1,077	852	1,077	874	642	12,837
1927	AN	674	1,461	1,316	2,041	7,716	2,971	3,216	1,966	1,486	1,348	1,126	1,021	26,342
1928	BN	843	1,021	1,074	1,510	1,605	7,016	1,985	1,266	958	1,349	1,128	870	20,623
1929	C	802	851	859	844	972	817	610	1,054	647	831	607	523	9,418
1930	C	573	511	1,213	1,381	1,116	2,171	918	1,054	797	1,115	955	650	12,454
1931	C	663	591	604	907	677	570	614	1,054	556	897	686	522	8,341
1932	AN	554	585	1,528	1,517	1,283	1,138	927	1,154	1,039	893	715	722	12,056
1933	D	759	615	708	990	768	966	831	1,054	707	761	563	533	9,255
1934	C	571	520	1,003	1,232	962	902	812	1,054	645	759	563	523	9,546
1935	AN	554	795	746	2,131	926	1,928	3,416	1,871	1,239	1,215	1,146	1,005	16,974
1936	AN	885	687	765	2,575	4,799	2,129	1,839	1,439	1,322	1,389	1,125	986	19,941
1937	W	817	673	739	962	3,009	3,341	2,055	1,756	1,082	1,289	1,174	844	17,740
1938	W	935	1,565	3,843	2,244	8,365	10,741	4,917	4,931	3,410	1,480	1,138	1,220	44,790
1939	D	1,500	959	1,064	954	832	1,109	918	1,054	816	1,195	1,051	845	12,298
1940	AN	740	622	669	2,339	3,990	7,067	4,412	1,566	1,170	1,504	1,152	888	26,119
1941	W	971	863	2,808	6,572	7,432	6,256	4,876	3,155	1,419	1,486	1,137	1,231	38,207
1942	W	1,144	980	4,350	5,514	8,313	1,826	3,351	2,611	2,019	1,278	1,139	1,188	33,712
1943	W	1,232	1,087	2,095	5,875	3,664	5,860	2,107	1,619	1,218	1,326	1,163	1,021	28,265
1944	BN	971	713	793	964	1,595	1,511	931	1,080	1,079	1,283	1,062	979	12,963
1945	AN	824	961	1,163	901	3,250	1,798	1,245	1,322	1,283	1,433	1,091	1,009	16,279
1946	AN	988	964	4,823	3,339	1,519	1,587	1,166	1,318	1,218	1,416	1,146	995	20,479
1947	D	1,023	871	1,131	805	1,154	1,423	1,019	1,054	934	1,238	1,053	842	12,547
1948	BN	737	726	681	1,002	1,043	1,135	1,910	2,118	1,487	1,425	1,159	1,020	14,444
1949	BN	889	760	929	776	757	3,014	1,060	1,145	1,104	1,291	950	777	13,452
1950	BN	685	640	708	1,335	2,238	1,401	1,538	1,403	1,397	1,431	1,140	1,009	14,923
1951	AN	862	3,315	6,561	4,527	4,343	2,112	1,221	1,614	976	1,520	1,158	1,000	29,208
1952	W	895	907	2,866	5,756	5,048	4,561	4,626	4,775	3,222	1,396	1,079	1,458	36,589
1953	BN	1,612	925	2,907	6,904	1,518	1,474	1,359	1,859	1,743	1,532	1,117	1,250	24,200
1954	BN	1,043	1,040	1,049	1,968	3,725	3,344	2,789	1,628	969	1,456	1,148	1,022	21,182
1955	D	999	945	1,433	1,297	950	829	985	1,077	1,044	1,116	947	699	12,322
1956	W	673	747	6,562	10,545	5,349	2,687	1,521	2,874	1,661	1,384	1,130	1,298	36,431
1957	BN	1,264	886	810	1,004	2,005	3,222	1,531	1,424	1,208	1,379	1,049	1,021	16,804
1958	W	1,110	1,007	1,582	2,495	10,362	6,373	6,248	3,629	2,575	1,275	1,133	1,381	39,173
1959	D	1,520	924	962	2,270	3,222	1,587	882	1,054	1,211	1,423	1,159	1,021	17,236
1960	C	933	613	831	839	1,837	1,513	849	1,054	978	1,185	786	629	12,047
1961	C	671	795	1,074	773	1,633	1,222	912	1,054	943	1,192	1,142	796	12,208
1962	BN	829	630	1,058	720	2,985	1,891	1,068	1,116	1,047	1,445	1,161	1,003	14,952
1963	AN	2,244	995	1,724	1,121	4,683	2,259	5,449	2,360	1,320	1,411	1,130	1,022	25,717
1964	D	1,045	1,651	987	1,469	951	863	1,284	1,054	874	1,205	1,068	997	13,446
1965	W	684	933	5,537	7,728	2,228	1,624	2,997	1,864	1,082	1,577	1,130	1,022	28,406
1966	BN	860	1,270	1,352	2,228	1,702	2,033	1,122	1,142	1,133	1,301	1,118	949	16,211
1967	W	900	1,035	2,452	3,269	3,423	4,141	3,498	3,926	3,420	1,562	1,140	1,488	30,254
1968	D	1,546	1,000	1,138	1,923	4,053	2,340	1,209	1,054	945	1,323	1,080	1,002	18,613
1969	W	871	892	1,577	7,780	7,791	4,203	3,856	4,666	2,898	1,331	1,153	1,152	38,171
1970	AN	1,621	974	3,950	13,506	4,776	2,656	1,303	1,190	1,101	1,570	1,169	1,020	34,837
1971	BN	898	1,153	3,881	3,269	1,735	3,179	1,644	2,055	1,451	1,649	1,133	1,299	23,346
1972	D	1,078	951	1,159	1,150	1,489	2,411	894	1,054	1,259	1,317	1,147	804	14,713
1973	AN	760	1,221	1,488	5,521	5,483	3,992	1,405	1,583	1,356	1,432	1,126	1,020	26,387
1974	W	1,006	3,821	4,584	8,498	2,557	7,261	4,389	1,920	1,589	1,392	1,139	1,443	39,597
1975	W	1,161	981	1,169	1,032	3,873	5,999	1,889	2,257	1,860	1,457	1,117	1,391	24,188
1976	C	1,415	1,001	1,098	918	829	1,062	727	1,054	807	918	880	778	11,488
1977	C	685	623	592	598	513	573	630	1,054	783	934	613	513	8,112
1978	W	487	518	1,012	4,275	3,233	4,590	2,773	1,998	1,728	1,378	1,133	1,132	24,258
1979	AN	1,036	715	736	1,626	2,973	2,546	1,444	1,452	1,382	1,315	1,121	974	17,320
1980	W	936	889	1,266	7,214	7,918	3,870	1,498	1,429	1,345	1,300	1,122	1,074	29,861
1981	D	1,047	764	1,042	1,442	1,614	1,933	1,180	1,054	958	1,257	1,115	993	14,398
1982	W	851	2,127	5,981	5,145	6,337	5,516	8,767	3,566	2,034	1,471	1,126	1,353	44,274
1983	W	1,951	2,803	5,825	6,754	10,208	15,782	5,155	5,243	5,576	2,754	1,390	2,074	65,514
1984	AN	2,072	5,179	10,047	4,408	2,568	2,555	1,448	1,151	1,208	1,511	1,110	1,016	34,272
1985	D	993	1,673	1,504	958	995	1,124	954	1,056	949	1,313	1,130	982	13,631
1986	W	994	775	1,171	1,598	12,575	9,406	1,880	1,429	1,318	1,390	1,179	1,067	34,783
1987	C	1,041	776	842	968	1,191	1,637	858	1,054	722	1,075	882	765	11,810
1988	C	730	605	1,200	1,815	788	632	718	1,054	850	939	655	607	10,592
1989	C	584	618	687	821	532	3,069	1,366	1,054	699	1,341	1,166	808	12,745
1990	C	847	660	759	1,203	956	931	778	1,054	594	837	590	550	9,758
1991	C	551	518	494	468	594	2,115	880	1,054	556	796	616	607	9,250
1992	C	555	511	516	713	1,983	1,316	862	1,054	667	780	574	597	10,127
1993	W	563	520	872	4,161	3,496	2,550	2,511	2,298	1,876	1,499	1,139	1,019	22,504
1994	C	1,043	735	987	907	1,588	975	779	1,054	821	1,265	1,233	1,022	12,410
Average		958	1,031	1,874	2,720	3,122	2,898	1,980	1,740	1,347	1,289	1,028	963	20,951
Maximum		2,244	5,179	10,047	13,506	12,575	15,782	8,767	5,243	5,576	2,754	1,390	2,074	65,514
Minimum		487	511	494	468	513	570	586	1,054	556	733	563	513	8,112
Average by Year Type														
W		955	1,195	2,879	4,926	5,884	5,450	3,543	2,984	2,213	1,476	1,149	1,244	33,899
AN		1,061	1,386	2,693	3,419	3,539	2,560	2,175	1,531	1,227	1,376	1,102	978	23,048
BN		934	861	1,345	1,876	2,078	2,584	1,547	1,449	1,228	1,375	1,070	997	17,344
D		1,116	997	1,076	1,308	1,689	1,409	1,072	1,058	959	1,202	1,017	851	13,754
C		783	665	845	952	1,071	1,265	806	1,054	727	975	787	651	10,583

Water year types are based on San Joaquin Valley Index (W: Wet; AN: Above Normal; BN: Below Normal; D: Dry; C: Critical)

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Table D-67. Delta Inflow: Difference in TAF (Alt 2 minus Base)

Water Year	Year Type	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
1922	W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1923	AN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1924	C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1925	BN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1926	D	0.0	0.0	0.0	0.0	0.0	31.9	0.0	0.0	20.2	-0.6	6.7	0.0	58.3
1927	AN	0.0	1.5	-4.8	0.1	-6.5	0.0	0.0	14.3	-0.1	0.6	0.0	0.0	5.1
1928	BN	0.9	-1.9	-4.8	0.3	-0.1	5.3	0.0	0.0	0.0	0.7	-0.8	1.8	1.4
1929	C	-0.6	-0.7	-0.7	-0.6	0.0	0.0	0.0	0.0	-0.5	5.2	6.7	-0.4	8.3
1930	C	0.0	0.0	0.0	0.1	2.1	0.0	0.1	0.0	0.2	2.1	1.2	-0.1	5.9
1931	C	0.0	0.0	0.0	0.0	0.0	-2.2	-1.6	0.0	0.0	-4.8	-6.1	0.0	-14.8
1932	AN	0.0	-4.7	-1.1	-0.8	-0.6	0.0	0.0	0.0	6.9	-9.1	0.0	0.0	-9.4
1933	D	0.0	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	-1.0	0.0	-1.1	0.1	-2.0
1934	C	0.1	0.0	-0.1	0.0	0.0	0.0	0.1	0.0	0.1	-0.2	0.0	0.0	-0.1
1935	AN	0.0	1.4	1.2	0.9	0.6	0.0	-4.0	29.1	-223.2	86.5	62.5	-0.8	-45.8
1936	AN	16.5	1.2	12.6	0.2	0.0	0.0	-0.2	0.0	0.1	-2.5	-2.1	8.6	34.6
1937	W	-2.9	15.5	-0.1	0.0	1.2	-0.1	-1.0	-3.8	-5.5	-0.7	0.0	0.0	2.6
1938	W	-6.4	0.1	-22.9	0.3	-0.2	-0.1	-0.1	-0.1	-3.5	0.0	0.0	26.6	-6.3
1939	D	-1.6	0.5	0.3	0.1	0.1	0.1	0.0	0.0	28.1	11.8	4.8	2.4	46.5
1940	AN	3.3	0.0	0.0	-0.4	-4.0	-19.2	0.1	0.1	22.1	-7.2	-14.9	-19.8	-39.9
1941	W	0.6	0.0	7.1	5.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12.8
1942	W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1943	W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1944	BN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1945	AN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1946	AN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1947	D	0.0	0.0	0.0	0.0	0.0	22.0	0.0	0.0	-0.3	-10.4	2.7	6.3	20.3
1948	BN	0.5	0.3	1.5	0.0	0.0	0.4	0.2	0.0	0.0	0.0	-1.2	0.0	1.7
1949	BN	0.8	-1.4	0.0	0.0	0.0	6.1	-0.1	0.1	0.0	-0.5	-0.4	0.0	4.4
1950	BN	0.0	-0.1	0.0	0.1	0.0	0.0	0.0	7.1	-1.6	0.0	0.0	0.0	5.4
1951	AN	0.0	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.3	0.0	0.0	3.1
1952	W	0.0	0.1	-1.2	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-1.2
1953	BN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1954	BN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1955	D	0.0	0.0	0.0	0.0	17.6	0.0	-1.7	-0.1	0.1	2.2	8.7	-6.4	20.4
1956	W	0.0	-0.5	-0.6	-3.1	0.0	0.0	0.0	0.0	0.0	1.7	0.0	0.0	-2.5
1957	BN	0.0	0.0	0.0	-1.7	0.0	0.0	0.1	0.0	0.0	0.0	0.2	0.0	-1.5
1958	W	0.0	0.2	0.0	0.0	-0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.3
1959	D	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	-0.1
1960	C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1
1961	C	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.1	0.0	0.0	0.2
1962	BN	0.0	0.0	0.0	-0.1	0.0	0.0	0.0	1.0	0.0	-2.1	0.0	-0.4	-1.5
1963	AN	0.1	0.0	0.0	0.0	2.3	49.0	-8.7	0.1	17.5	-10.9	-0.6	-0.3	48.5
1964	D	0.0	1.2	-2.2	0.1	0.0	58.7	16.2	0.0	-0.2	8.4	-86.2	16.2	12.1
1965	W	-58.8	-1.3	59.6	12.3	-0.5	-11.3	11.6	-2.1	0.0	30.1	0.6	0.0	40.2
1966	BN	14.0	2.0	0.1	0.1	0.0	0.0	0.0	0.0	61.1	23.1	1.6	2.8	105.0
1967	W	2.2	-3.8	-70.6	1.4	11.6	-0.2	0.0	0.0	0.1	0.1	-0.1	0.0	-59.3
1968	D	-1.5	-0.1	0.0	0.0	0.0	0.0	0.0	0.2	-0.4	0.1	0.0	0.0	-1.7
1969	W	0.0	-0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
1970	AN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1971	BN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1972	D	0.0	0.0	0.0	0.0	0.0	36.1	34.3	0.0	-11.6	26.0	-0.7	42.2	126.2
1973	AN	-46.7	-2.4	-22.7	13.4	-0.3	0.1	0.0	0.0	0.1	0.7	-0.1	0.0	-57.9
1974	W	0.3	-3.9	0.0	0.0	0.0	0.0	0.0	-0.5	141.8	0.0	-1.0	136.7	0.0
1975	W	-100.9	-19.2	6.4	5.7	-31.8	0.5	-0.1	-0.1	0.0	17.3	0.0	0.0	-122.3
1976	C	0.0	0.0	-14.0	0.8	-0.1	0.1	-0.1	0.0	0.0	11.1	0.7	3.2	1.8
1977	C	0.0	-0.4	1.0	0.0	0.0	-0.3	0.0	0.0	0.0	2.8	1.8	0.0	4.9
1978	W	-12.8	0.2	-0.7	-0.4	-0.6	-0.5	-0.4	-0.3	-1.1	10.8	0.2	-0.3	-5.9
1979	AN	0.0	-0.1	-0.2	-0.3	-1.0	-0.1	-0.1	-0.1	0.1	0.0	0.0	-0.1	-1.8
1980	W	-0.1	-0.1	-0.1	-0.9	-0.1	-0.2	-0.2	-0.2	-0.1	0.0	0.0	-0.1	-2.1
1981	D	-0.1	0.0	-0.1	-0.1	-0.2	-0.1	-0.1	0.0	0.0	0.2	0.4	-0.1	-0.2
1982	W	0.0	-0.8	-0.6	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	0.0	0.0	-0.1	-2.0
1983	W	-0.2	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-1.1
1984	AN	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	0.0	0.0	0.1	0.0	-0.1	0.1	-0.4
1985	D	0.0	-0.3	-0.1	-0.1	-0.1	-0.1	-0.3	0.1	0.0	0.0	0.0	0.1	-0.7
1986	W	-0.1	-0.1	-0.1	-0.1	-0.2	-0.4	-0.1	0.0	0.0	0.0	0.0	-0.1	-1.1
1987	C	0.0	0.0	-0.1	-0.1	-0.1	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	-0.3
1988	C	-0.2	0.0	-0.1	0.0	-0.4	0.0	0.0	0.0	1.3	0.1	0.2	0.0	0.8
1989	C	0.0	0.0	0.0	0.0	0.0	-0.1	-0.1	0.0	-0.2	0.0	-2.0	-0.1	-2.6
1990	C	0.5	0.3	0.3	0.2	0.0	-0.1	0.0	0.0	0.0	0.0	-0.5	0.0	0.7
1991	C	0.0	0.0	0.0	-1.6	1.3	-0.1	0.0	0.0	0.0	0.5	0.4	0.0	0.5
1992	C	0.0	0.0	0.5	0.3	0.2	-0.1	0.0	0.0	0.0	-0.2	-1.5	0.7	0.0
1993	W	0.0	0.0	0.0	-0.6	0.0	0.0	2.3	-0.1	0.7	0.0	0.0	0.0	2.2
1994	C	0.0	-0.1	-0.1	-0.1	-0.7	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	-1.1
Average		-2.6	-0.2	-0.8	0.4	-0.2	2.4	0.6	0.6	-1.2	4.6	-0.3	1.1	4.5
Maximum		16.5	15.5	59.6	13.4	17.6	58.7	34.3	29.1	61.1	141.8	62.5	42.2	136.7
Minimum		-100.9	-19.2	-70.6	-3.1	-31.8	-19.2	-8.7	-3.8	-223.2	-10.9	-86.2	-19.8	-122.3
Average by Year Type														
W		-8.9	-0.7	-1.2	1.0	-1.1	-0.6	0.6	-0.3	-0.5	10.1	0.0	1.3	-0.5
AN		-1.9	-0.1	-1.1	0.9	-0.7	2.1	-0.9	3.1	-12.6	4.2	3.2	-0.9	-4.6
BN		1.4	-0.1	-0.3	-0.1	0.0	1.0	0.0	0.7	5.0	1.8	-0.1	0.4	9.6
D		-0.3	0.1	-0.2	0.0	1.6	13.5	4.4	0.0	3.2	3.4	-5.9	5.5	25.4
C		0.0	-0.1	-0.8	-0.1	0.2	-0.2	-0.1	0.0	0.1	1.0	0.1	0.2	0.3

Water year types are based on San Joaquin Valley Index (W: Wet; AN: Above Normal; BN: Below Normal; D: Dry; C: Critical)
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Table D-68. Delta Inflow: Alternative 2 in CFS

Water Year	Year Type	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1922	W	14,812	13,019	21,000	18,091	45,043	39,113	32,832	60,806	49,312	24,423	18,144	17,179
1923	AN	17,009	15,664	35,492	37,701	22,292	17,934	32,901	23,469	18,159	21,336	18,131	17,141
1924	C	13,925	12,081	12,469	13,819	16,922	12,056	9,854	17,143	9,390	11,927	10,559	8,872
1925	BN	9,299	9,609	14,595	13,451	72,483	29,010	27,391	18,687	19,511	15,659	11,025	12,885
1926	D	12,384	10,344	11,480	18,379	45,878	14,914	27,527	17,517	14,325	17,508	14,215	10,782
1927	AN	10,956	24,553	21,406	33,190	138,928	48,315	54,055	31,969	24,970	21,929	18,316	17,162
1928	BN	13,704	17,155	17,472	24,552	27,897	114,112	33,351	20,585	16,100	21,932	18,341	14,619
1929	C	13,044	14,295	13,970	13,731	17,505	13,293	10,244	17,143	10,868	13,519	9,878	8,791
1930	C	9,322	8,591	19,723	22,454	20,098	35,310	15,426	17,143	13,402	18,132	15,530	10,918
1931	C	10,789	9,929	9,817	14,758	12,186	9,267	10,310	17,143	9,343	14,596	11,154	8,776
1932	AN	9,017	9,835	24,852	24,676	22,305	18,509	15,573	18,763	17,463	14,529	11,626	12,135
1933	D	12,339	10,336	11,513	16,103	13,836	15,716	13,970	17,143	11,877	12,370	9,151	8,962
1934	C	9,286	8,736	16,306	20,034	17,320	14,666	13,650	17,143	10,837	12,344	9,163	8,796
1935	AN	9,017	13,354	12,131	34,656	16,678	31,359	57,414	30,435	20,825	19,762	18,646	16,890
1936	AN	14,388	11,553	12,449	41,876	83,437	34,627	30,912	23,398	22,222	22,591	18,292	16,566
1937	W	13,279	11,308	12,016	15,645	54,183	54,331	34,528	28,553	18,192	20,961	19,093	14,189
1938	W	15,211	26,302	62,503	36,493	150,628	174,693	82,626	80,203	57,299	24,062	18,505	20,507
1939	D	24,393	16,122	17,302	15,521	14,983	18,040	15,420	17,143	13,721	19,427	17,099	14,205
1940	AN	12,037	10,450	10,880	38,038	69,367	114,928	74,151	25,468	19,663	24,463	18,736	14,921
1941	W	15,798	14,511	45,668	106,884	133,829	101,741	81,950	51,313	23,853	24,165	18,488	20,681
1942	W	18,613	16,462	70,747	89,669	149,685	29,691	56,316	42,457	33,936	20,780	18,524	19,972
1943	W	20,035	18,270	34,064	95,547	65,972	95,299	35,405	26,325	20,461	21,570	18,918	17,155
1944	BN	15,797	11,987	12,903	15,680	27,725	24,575	15,653	17,560	18,130	20,872	17,274	16,459
1945	AN	13,404	16,146	18,914	14,647	58,514	29,234	20,930	21,493	21,567	23,301	17,745	16,953
1946	AN	16,068	16,198	78,444	54,305	27,354	25,805	19,588	21,438	20,473	23,029	18,637	16,716
1947	D	16,630	14,639	18,396	13,095	20,782	23,150	17,117	17,143	15,689	20,129	17,121	14,158
1948	BN	11,980	12,208	11,077	16,304	18,129	18,459	32,106	34,452	24,989	23,177	18,853	17,137
1949	BN	14,451	12,764	15,116	12,620	13,629	49,022	17,819	18,626	18,552	20,993	15,455	13,060
1950	BN	11,142	10,747	11,511	21,711	40,290	22,781	25,852	22,811	23,483	23,277	18,537	16,949
1951	AN	14,014	55,714	106,697	73,621	78,196	34,351	20,520	26,254	16,402	24,716	18,831	16,812
1952	W	14,564	15,237	46,619	93,609	87,751	74,177	77,736	77,655	54,150	22,698	17,554	24,507
1953	BN	26,216	15,544	47,283	112,276	27,341	23,978	22,834	30,227	29,296	24,909	18,170	21,010
1954	BN	16,957	17,484	17,066	32,010	67,064	54,392	46,869	26,480	16,288	23,683	18,676	17,168
1955	D	16,247	15,888	23,313	21,092	17,105	13,485	16,555	17,524	17,540	18,154	15,398	11,739
1956	W	10,937	12,553	106,721	171,493	92,999	43,706	25,567	46,742	27,910	22,512	18,370	21,821
1957	BN	20,564	14,889	13,167	16,334	36,110	52,406	25,729	23,154	20,300	22,431	17,066	17,154
1958	W	18,057	16,926	25,736	40,581	186,586	103,653	105,005	59,024	43,271	20,741	18,433	23,211
1959	D	24,721	15,534	15,645	36,918	58,018	25,816	14,821	17,143	20,345	23,146	18,842	17,165
1960	C	15,171	10,296	13,513	13,638	31,930	24,611	14,271	17,143	16,439	19,280	12,786	10,578
1961	C	10,910	13,362	17,469	12,576	29,400	19,869	15,329	17,143	15,856	19,388	18,579	13,369
1962	BN	13,485	10,585	17,200	11,706	53,756	30,748	17,940	18,151	17,598	23,505	18,888	16,849
1963	AN	36,488	16,726	28,036	18,232	84,319	36,738	91,576	38,378	22,185	22,947	18,382	17,170
1964	D	17,000	27,740	16,050	23,891	16,526	14,031	21,570	17,143	14,681	19,591	17,372	16,749
1965	W	11,127	15,677	90,058	125,681	40,109	26,417	50,360	30,313	18,189	25,644	18,372	17,178
1966	BN	13,988	21,346	21,990	36,241	30,653	33,056	18,856	18,571	19,038	21,162	18,189	15,947
1967	W	14,638	17,388	39,877	53,161	61,628	67,351	58,784	63,850	57,478	25,405	18,543	25,011
1968	D	25,141	16,798	18,510	31,267	70,467	38,064	20,313	17,143	15,889	21,517	17,563	16,847
1969	W	14,162	14,994	25,648	126,532	140,289	68,357	64,797	75,893	48,698	21,641	18,758	19,362
1970	AN	26,368	16,365	64,234	219,657	86,002	43,203	21,905	19,347	18,504	25,538	19,010	17,148
1971	BN	14,603	19,377	63,126	53,166	31,233	51,703	27,621	33,428	24,382	26,825	18,431	21,827
1972	D	17,538	15,974	18,850	18,697	25,886	39,209	15,024	17,143	21,164	21,422	18,653	13,507
1973	AN	12,353	20,517	24,201	89,793	98,726	64,923	23,616	25,747	22,782	23,296	18,317	17,142
1974	W	16,364	64,207	74,555	138,203	46,032	118,084	73,765	31,219	26,707	22,640	18,517	24,245
1975	W	18,883	16,494	19,005	16,791	69,729	97,569	31,751	36,714	31,265	23,695	18,165	23,381
1976	C	23,010	16,821	17,865	14,926	14,414	17,272	12,221	17,143	13,565	14,934	14,310	13,083
1977	C	11,146	10,464	9,626	9,729	9,236	9,322	10,587	17,143	13,164	15,194	9,972	8,628
1978	W	7,924	8,713	16,465	69,522	58,217	74,641	46,598	32,494	29,048	22,417	18,430	19,018
1979	AN	16,853	12,011	11,974	26,438	53,530	41,407	24,271	23,608	23,221	21,391	18,236	16,362
1980	W	15,230	14,935	20,595	117,321	137,653	62,947	25,175	23,234	22,602	21,139	18,245	18,056
1981	D	17,032	12,838	16,939	23,453	29,054	31,431	19,833	17,143	16,106	20,436	18,132	16,687
1982	W	13,834	35,739	97,268	83,669	114,111	89,709	147,335	57,989	34,189	23,931	18,313	22,738
1983	W	31,737	47,104	94,732	109,843	183,796	256,663	86,634	85,270	93,707	44,795	22,610	34,847
1984	AN	33,692	87,032	163,397	71,695	44,637	41,556	24,332	18,722	20,302	24,572	18,057	17,068
1985	D	16,143	28,116	24,463	15,587	17,910	18,274	16,032	17,175	15,952	21,358	18,373	16,503
1986	W	16,162	13,031	19,046	25,983	226,432	152,982	31,588	23,246	22,155	22,612	19,170	17,928
1987	C	16,929	13,036	13,694	15,735	21,449	26,629	14,412	17,143	12,141	17,477	14,342	12,854
1988	C	11,866	10,168	19,511	29,514	13,694	10,286	12,069	17,143	14,279	15,272	10,657	10,200
1989	C	9,502	10,384	11,175	13,349	9,573	49,913	22,961	17,143	11,740	21,817	18,960	13,572
1990	C	13,774	11,099	12,340	19,558	17,206	15,142	13,072	17,143	9,975	13,611	9,592	9,244
1991	C	8,961	8,703	8,030	7,616	10,695	34,404	14,789	17,143	9,347	12,945	10,019	10,204
1992	C	9,019	8,589	8,397	11,594	34,471	21,397	14,490	17,143	11,202	12,685	9,341	10,028
1993	W	9,162	8,733	14,175	67,680	62,944	41,472	42,201	37,377	31,532	24,378	18,523	17,124
1994	C	16,968	12,352	16,047	14,756	28,595	15,861	13,086	17,143	13,803	20,578	20,050	17,183
Average		15,583	17,324	30,473	44,230	55,799	47,139	33,283	28,295	22,644	20,970	16,717	16,188
Maximum		36,488	87,032	163,397	219,657	226,432	256,663	147,335	85,270	93,707	44,795	22,610	34,847
Minimum		7,924	8,589	8,030	7,616	9,236	9,267	9,854	17,143	9,343	11,927	9,151	8,628
Average by Year Type													
W		15,526	20,080	46,825	80,120	105,381	88,630	59,548	48,534	37,198	24,010	18,684	20,906
AN		17,262	23,294	43,793	55,609	63,163	41,635	36,553	24,892	20,624	22,386	17,926	16,442
BN		15,182	14,475	21,876	30,504	37,192	42,020	26,002	23,561	20,639	22,369	17,409	16,755
D		18,143	16,757	17,497	21,273	30,040	22,921	18,017	17,214	16,117	19,551	16,538	14,300
C		12,726	11,182	13,747	15,487	19,043</							

Table D-69. Delta Inflow: Difference in CFS (Alt 2 minus Base)

Water Year	Year Type	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1922	W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1923	AN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	0.0	0.0
1924	C	0.1	-0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.0
1925	BN	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	-0.1	0.0	0.0
1926	D	-0.4	0.0	0.0	0.0	0.0	519.5	0.0	0.3	340.0	-9.2	108.4	0.3
1927	AN	0.6	24.5	-77.7	0.9	-116.6	0.4	-0.1	232.9	-2.3	9.4	0.0	0.0
1928	BN	15.2	-32.4	-77.5	4.5	-2.3	86.3	-0.5	-0.1	12.0	-12.6	30.2	
1929	C	-10.1	-12.2	-11.2	-10.4	-0.3	-0.6	0.0	0.0	-7.7	83.9	109.7	-7.3
1930	C	0.1	0.1	0.4	1.6	38.5	0.2	1.4	0.0	3.8	34.8	20.0	-1.2
1931	C	-0.1	0.0	-0.1	-0.1	-0.1	-36.3	-26.3	0.0	0.0	-78.2	-99.8	0.0
1932	AN	0.0	-79.1	-17.1	-13.1	-9.8	0.5	-0.1	-0.1	115.9	-148.1	-0.4	-0.4
1933	D	0.1	0.1	-2.2	0.6	0.0	0.0	0.3	0.0	-16.8	0.7	-17.3	1.0
1934	C	0.9	0.7	-1.7	-0.3	-0.2	0.0	0.9	0.0	1.1	-3.5	-0.5	0.7
1935	AN	0.8	23.5	19.1	14.5	10.9	-0.2	-67.3	473.2	-3,751.7	1,407.1	1,016.6	-13.0
1936	AN	268.6	20.5	205.4	3.7	0.1	-0.1	-2.6	-0.7	1.9	-40.0	-33.8	144.7
1937	W	-46.4	260.0	-1.2	0.1	21.5	-1.8	-16.4	-62.4	-92.2	-11.4	-0.1	0.4
1938	W	-103.9	1.6	-372.5	4.5	-4.3	-2.2	-1.4	-0.9	-58.7	0.3	0.2	447.7
1939	D	-26.1	7.8	4.2	2.2	1.4	0.9	0.8	0.0	472.2	191.4	78.3	40.9
1940	AN	53.9	0.0	0.3	-7.0	-69.7	-312.7	1.0	2.2	370.6	-116.4	-242.9	-332.1
1941	W	9.1	-0.3	115.2	82.4	0.2	0.5	0.2	0.1	0.3	0.1	0.0	0.0
1942	W	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
1943	W	0.0	0.1	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1944	BN	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1945	AN	0.1	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1946	AN	0.0	0.0	0.1	0.0	0.1	-0.1	0.0	0.0	0.0	0.0	0.0	0.0
1947	D	0.1	0.0	0.0	0.0	0.0	358.1	-0.4	0.0	-5.0	-168.6	44.2	105.1
1948	BN	8.3	5.0	24.3	-0.4	-0.1	6.0	2.9	-0.1	0.1	0.4	-19.7	0.5
1949	BN	13.2	-24.4	-0.6	-0.2	0.1	98.4	-1.3	1.0	0.0	-8.2	-7.2	0.2
1950	BN	0.1	-2.3	-0.1	1.1	-0.1	0.0	-0.1	115.7	-26.2	0.0	-0.8	0.0
1951	AN	0.2	30.3	-0.2	0.6	0.0	0.0	0.0	0.0	0.0	20.4	0.0	0.0
1952	W	0.1	1.0	-19.6	0.1	-1.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1953	BN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1954	BN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1955	D	0.0	0.0	0.0	0.0	317.1	-0.2	-28.2	-1.5	0.9	35.8	141.0	-107.4
1956	W	0.4	-8.4	-9.3	-50.6	0.4	-0.4	-0.2	-0.1	-0.1	27.2	0.0	0.4
1957	BN	0.0	0.0	0.0	-27.1	0.1	-0.1	0.9	-0.1	-0.4	-0.2	2.5	-0.4
1958	W	0.0	2.9	-0.3	-0.2	-8.2	0.1	-0.1	0.0	0.0	0.3	0.0	0.0
1959	D	0.0	-0.3	0.0	0.2	0.1	-1.5	-0.1	0.0	0.6	0.1	0.0	0.0
1960	C	-0.7	-0.2	-0.1	-0.2	-0.3	0.0	0.0	0.0	0.0	0.3	0.1	0.0
1961	C	0.0	0.3	0.3	0.0	0.0	1.4	0.0	0.0	0.0	1.7	0.4	-0.2
1962	BN	0.2	-0.8	-0.6	-0.8	0.6	0.0	0.0	16.3	0.1	-33.4	0.0	-6.5
1963	AN	2.2	-0.2	0.1	0.0	42.0	796.8	-145.9	1.0	294.4	-177.9	-10.3	-4.3
1964	D	0.0	19.6	-35.2	1.5	-0.6	954.0	272.7	0.0	-3.8	136.3	-1,401.9	272.6
1965	W	-955.5	-21.4	970.1	199.4	-9.6	-183.4	195.6	-34.8	-0.5	488.8	9.5	0.0
1966	BN	227.2	34.3	1.3	1.3	0.8	0.6	0.3	0.7	1,026.7	375.6	26.6	47.9
1967	W	36.5	-64.7	-1,148.1	22.9	209.1	-2.9	-0.8	0.4	1.3	1.9	-1.8	0.1
1968	D	-24.3	-0.9	-0.3	-0.6	-0.4	0.0	-0.3	0.0	2.8	-5.8	2.2	0.3
1969	W	0.8	-1.5	0.0	1.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1970	AN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1971	BN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1972	D	0.0	0.0	0.0	0.0	0.0	586.3	576.0	0.0	-195.4	422.6	-11.7	709.2
1973	AN	-759.5	-40.2	-369.2	218.5	-4.8	1.4	0.3	0.1	0.9	10.8	-1.4	-0.1
1974	W	4.9	-64.8	0.4	-0.5	-0.1	0.2	-0.1	-0.1	-8.5	2,305.8	0.0	-17.3
1975	W	-1,641.2	-323.3	104.1	93.0	-573.1	8.9	-1.9	-1.1	-0.5	281.1	0.0	-0.2
1976	C	0.0	0.0	-227.7	12.2	-0.9	2.2	-1.1	0.0	0.5	180.1	12.0	53.3
1977	C	0.6	-7.2	16.0	-0.2	-0.1	-5.3	0.0	0.0	0.0	45.9	29.6	0.0
1978	W	-208.0	2.7	-10.7	-6.3	-10.4	-8.8	-7.2	-5.2	-18.2	176.2	3.0	-4.2
1979	AN	0.5	-0.9	-2.5	-5.2	-17.4	-2.2	-2.3	-2.1	2.1	0.2	0.0	-2.1
1980	W	-1.8	-2.2	-2.0	-14.9	-1.8	-3.4	-3.0	-2.5	-1.0	0.0	0.0	-1.7
1981	D	-1.6	-0.4	-1.6	-1.1	-3.6	-1.9	-1.8	0.0	0.2	3.0	6.8	-1.2
1982	W	0.2	-13.1	-9.4	-1.4	-1.8	-1.6	-1.6	-1.5	-1.5	0.0	0.5	-1.4
1983	W	-3.0	-1.4	-1.4	-1.3	-1.5	-1.3	-1.4	-1.3	-1.3	-1.3	-1.3	-1.3
1984	AN	-1.2	-1.3	-1.2	-1.2	-1.3	-1.2	0.2	-0.5	1.0	-0.5	-1.8	2.5
1985	D	-0.7	-4.8	-1.0	-1.2	-1.3	-5.7	1.6	0.7	-0.2	0.0	0.0	1.5
1986	W	-1.0	-1.2	-1.0	-2.2	-4.2	-6.7	-1.1	-0.4	-0.4	0.2	0.1	-1.0
1987	C	0.0	-0.5	-1.0	-1.0	-1.1	-1.0	0.2	0.0	-0.8	-0.3	0.0	-0.1
1988	C	-4.0	-0.3	-1.2	-0.4	-6.5	0.0	-0.5	0.0	21.2	1.9	3.3	0.0
1989	C	0.0	-0.5	-0.5	-0.5	-0.2	-2.2	-1.2	0.0	-3.7	0.0	-32.4	-1.5
1990	C	7.6	5.8	5.5	3.6	-0.5	-2.1	0.0	0.0	-0.1	0.0	-8.3	0.0
1991	C	0.0	0.8	0.0	-25.7	23.0	-1.8	-0.5	0.0	0.0	8.0	7.0	-0.1
1992	C	0.0	0.0	8.0	5.3	3.9	-1.1	0.0	0.0	0.0	-3.3	-23.7	12.3
1993	W	0.1	0.0	-0.6	-9.4	-0.9	-0.7	38.2	-0.8	11.8	0.0	0.0	-0.1
1994	C	0.0	-1.1	-1.2	-1.1	-11.7	-0.5	-0.7	0.0	0.0	0.0	-2.0	-0.2
Average		-43.0	-3.7	-12.8	6.7	-2.7	38.8	10.7	10.0	-20.9	74.8	-4.2	18.7
Maximum		268.6	260.0	970.1	218.5	317.1	954.0	576.0	473.2	1,026.7	2,305.8	1,016.6	709.2
Minimum		-1,641.2	-323.3	-1,148.1	-50.6	-573.1	-312.7	-145.9	-62.4	-3,751.7	-177.9	-1,401.9	-332.1
Average by Year Type													
W		-145.4	-11.7	-19.3	15.9	-19.3	-10.2	10.0	-5.5	-8.5	163.5	0.5	21.1
AN		-31.0	-1.6	-17.3	15.1	-11.9	34.5	-15.5	50.4	-211.9	68.9	51.9	-14.6
BN		22.0	-1.7	-4.4	-1.8	0.0	15.9	0.2	11.1	83.3	28.8	-0.9	6.0
D		-4.8	1.9	-3.3	0.1	28.4	219.1	74.6	0.0	54.1	55.1	-95.5	92.9
C		-0.3	-0.9	-13.4	-1.1	2.7	-2.9	-1.7	0.0	0.9	17.0	1.0	3.5

Water year types are based on San Joaquin Valley Index (W: Wet; AN: Above Normal; BN: Below Normal; D: Dry; C: Critical)

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Table D-70. Delta Inflow: Difference in Percentage (Alt 2 minus Base)

Water Year	Year Type	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
1922	W	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1923	AN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1924	C	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1925	BN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1926	D	0.0%	0.0%	0.0%	0.0%	0.0%	3.6%	0.0%	0.0%	2.4%	-0.1%	0.8%	0.0%	0.5%
1927	AN	0.0%	0.1%	-0.4%	0.0%	-0.1%	0.0%	0.0%	0.7%	0.0%	0.0%	0.0%	0.0%	0.0%
1928	BN	0.1%	-0.2%	-0.4%	0.0%	0.0%	0.1%	0.0%	0.0%	0.0%	0.1%	-0.1%	0.2%	0.0%
1929	C	-0.1%	-0.1%	-0.1%	-0.1%	0.0%	0.0%	0.0%	0.0%	-0.1%	0.6%	1.1%	-0.1%	0.1%
1930	C	0.0%	0.0%	0.0%	0.0%	0.2%	0.0%	0.0%	0.0%	0.0%	0.2%	0.1%	0.0%	0.0%
1931	C	0.0%	0.0%	0.0%	0.0%	0.0%	-0.4%	-0.3%	0.0%	0.0%	-0.5%	-0.9%	0.0%	-0.2%
1932	AN	0.0%	-0.8%	-0.1%	-0.1%	0.0%	0.0%	0.0%	0.0%	0.7%	-1.0%	0.0%	0.0%	-0.1%
1933	D	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%	0.0%	-0.2%	0.0%	0.0%
1934	C	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1935	AN	0.0%	0.2%	0.2%	0.0%	0.1%	0.0%	-0.1%	1.6%	-15.3%	7.7%	5.8%	-0.1%	-0.3%
1936	AN	1.9%	0.2%	1.7%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.2%	-0.2%	0.9%	0.2%
1937	W	-0.3%	2.4%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.2%	-0.5%	-0.1%	0.0%	0.0%	0.0%
1938	W	-0.7%	0.0%	-0.6%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%	0.0%	0.0%	2.2%	0.0%
1939	D	-0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	3.6%	1.0%	0.5%	0.3%	0.4%
1940	AN	0.4%	0.0%	0.0%	0.0%	-0.1%	-0.3%	0.0%	0.0%	1.9%	-0.5%	-1.3%	-2.2%	-0.2%
1941	W	0.1%	0.0%	0.3%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1942	W	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1943	W	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1944	BN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1945	AN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1946	AN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1947	D	0.0%	0.0%	0.0%	0.0%	0.0%	1.6%	0.0%	0.0%	0.0%	-0.8%	0.3%	0.7%	0.2%
1948	BN	0.1%	0.0%	0.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%	0.0%	0.0%
1949	BN	0.1%	-0.2%	0.0%	0.0%	0.0%	0.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1950	BN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.5%	-0.1%	0.0%	0.0%	0.0%	0.0%
1951	AN	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%	0.0%
1952	W	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1953	BN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1954	BN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1955	D	0.0%	0.0%	0.0%	0.0%	1.9%	0.0%	-0.2%	0.0%	0.0%	0.2%	0.9%	-0.9%	0.2%
1956	W	0.0%	-0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%	0.0%
1957	BN	0.0%	0.0%	0.0%	-0.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1958	W	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1959	D	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1960	C	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1961	C	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1962	BN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	-0.1%	0.0%	0.0%	0.0%
1963	AN	0.0%	0.0%	0.0%	0.0%	0.0%	2.2%	-0.2%	0.0%	1.3%	-0.8%	-0.1%	0.0%	0.2%
1964	D	0.0%	0.1%	-0.2%	0.0%	0.0%	7.3%	1.3%	0.0%	0.0%	0.7%	-7.5%	1.7%	0.1%
1965	W	-7.9%	-0.1%	1.1%	0.2%	0.0%	-0.7%	0.4%	-0.1%	0.0%	1.9%	0.1%	0.0%	0.1%
1966	BN	1.7%	0.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	5.7%	1.8%	0.1%	0.3%	0.7%
1967	W	0.2%	-0.4%	-2.8%	0.0%	0.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.2%
1968	D	-0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1969	W	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1970	AN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1971	BN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1972	D	0.0%	0.0%	0.0%	0.0%	0.0%	1.5%	4.0%	0.0%	-0.9%	2.0%	-0.1%	5.5%	0.9%
1973	AN	-5.8%	-0.2%	-1.5%	0.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.2%
1974	W	0.0%	-0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	11.3%	0.0%	-0.1%	0.3%
1975	W	-8.0%	-1.9%	0.6%	0.6%	-0.8%	0.0%	0.0%	0.0%	0.0%	1.2%	0.0%	0.0%	-0.5%
1976	C	0.0%	0.0%	-1.3%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	1.2%	0.1%	0.4%	0.0%
1977	C	0.0%	-0.1%	0.2%	0.0%	0.0%	-0.1%	0.0%	0.0%	0.0%	0.3%	0.3%	0.0%	0.1%
1978	W	-2.6%	0.0%	-0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%	0.8%	0.0%	0.0%	0.0%
1979	AN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1980	W	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1981	D	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1982	W	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1983	W	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1984	AN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1985	D	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1986	W	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1987	C	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1988	C	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%
1989	C	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.2%	0.0%	0.0%
1990	C	0.1%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%	0.0%	0.0%
1991	C	0.0%	0.0%	0.0%	-0.3%	0.2%	0.0%	0.0%	0.0%	0.0%	0.1%	0.1%	0.0%	0.0%
1992	C	0.0%	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.3%	0.1%	0.0%
1993	W	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1994	C	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Average		-0.3%	0.0%	0.0%	0.0%	0.0%	0.2%	0.1%	0.0%	0.0%	0.4%	0.0%	0.1%	0.0%
Maximum		1.9%	2.4%	1.7%	0.6%	1.9%	7.3%	4.0%	1.6%	5.7%	11.3%	5.8%	5.5%	0.9%
Minimum		-8.0%	-1.9%	-2.8%	-0.3%	-0.8%	-0.7%	-0.3%	-0.2%	-15.3%	-1.0%	-7.5%	-2.2%	-0.5%
Average by Year Type														
W		-1.0%	0.0%	-0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.8%	0.0%	0.1%	0.0%
AN		-0.2%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	0.2%	-0.8%	0.4%	0.3%	-0.1%	0.0%
BN		0.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.5%	0.1%	0.0%	0.0%	0.1%
D		0.0%	0.0%	0.0%	0.0%	0.2%	1.3%	0.5%	0.0%	0.4%	0.3%	-0.5%	0.7%	0.2%
C		0.0%	0.0%	-0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%	0.0%

Water year types are based on San Joaquin Valley Index (W: Wet; AN: Above Normal; BN: Below Normal; D: Dry; C: Critical)

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Table D-71. Delta Outflow: Alternative 2 in TAF

Water Year	Year Type	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
1922	W	246	268	683	470	1,952	1,685	1,501	3,319	2,095	492	246	244	13,200
1923	AN	299	297	1,710	1,792	832	672	1,692	1,134	471	400	246	268	9,812
1924	C	246	328	279	383	571	622	391	701	238	246	258	179	4,441
1925	BN	235	299	447	430	3,615	1,672	1,264	875	508	307	270	183	10,104
1926	D	303	268	291	625	2,003	602	1,285	686	300	307	332	179	7,181
1927	AN	246	780	805	1,629	7,188	2,311	2,776	1,589	705	543	246	242	19,062
1928	BN	251	403	352	826	984	6,314	1,551	1,009	344	522	246	191	12,991
1929	C	283	366	310	347	573	622	412	717	339	246	279	179	4,672
1930	C	219	339	585	861	728	1,472	625	690	323	307	354	179	6,683
1931	C	246	323	277	479	433	398	404	725	238	246	264	179	4,212
1932	AN	238	338	1,049	946	891	701	666	806	606	307	276	179	7,002
1933	D	264	304	437	565	552	595	597	685	336	246	288	179	5,049
1934	C	213	340	456	795	682	701	595	714	324	246	289	179	5,533
1935	AN	213	406	301	1,790	625	1,279	3,074	1,653	687	400	246	238	10,911
1936	AN	263	325	407	2,015	4,408	1,525	1,523	1,132	603	400	246	230	13,076
1937	W	259	328	370	600	2,449	2,792	1,670	1,354	571	400	246	179	11,218
1938	W	280	865	3,305	2,007	8,175	10,352	4,613	4,612	2,549	492	246	403	37,898
1939	D	743	270	475	528	440	687	597	684	293	307	256	185	5,464
1940	AN	311	271	309	1,869	3,515	6,370	3,938	1,121	454	492	246	204	19,100
1941	W	294	366	2,175	5,996	6,880	5,589	4,532	2,796	874	492	265	413	30,671
1942	W	384	282	3,619	5,050	8,051	1,162	2,979	2,264	1,163	492	246	372	26,063
1943	W	460	387	1,344	5,250	3,357	5,330	1,700	1,294	524	553	246	226	20,671
1944	BN	255	316	286	416	1,177	913	680	701	439	307	215	219	5,925
1945	AN	335	299	582	444	2,600	1,178	866	1,012	536	400	246	234	8,729
1946	AN	289	354	4,235	2,567	1,387	980	754	887	518	400	246	231	12,849
1947	D	321	324	386	408	703	897	666	628	331	307	274	179	5,424
1948	BN	334	272	317	493	645	702	1,527	1,846	722	400	246	250	7,753
1949	BN	278	338	322	364	431	2,514	778	818	445	307	215	179	6,990
1950	BN	341	268	343	947	1,599	855	1,227	1,066	634	400	246	255	8,179
1951	AN	277	2,640	6,042	3,872	3,807	1,523	879	1,315	363	592	246	234	21,792
1952	W	246	395	2,289	5,325	4,313	3,877	4,386	4,385	2,403	492	246	637	28,994
1953	BN	830	268	2,245	6,491	1,183	897	988	1,590	927	671	246	433	16,769
1954	BN	268	330	377	1,267	3,173	2,634	2,344	1,326	365	526	246	246	13,102
1955	D	282	386	712	688	633	474	752	711	416	307	255	179	5,796
1956	W	306	303	6,125	10,321	4,609	1,886	1,150	2,580	800	498	246	498	29,322
1957	BN	507	268	277	395	1,462	2,553	1,120	1,081	518	492	246	253	9,173
1958	W	373	281	1,002	1,928	9,963	5,760	5,948	3,274	1,758	492	246	563	31,588
1959	D	740	268	277	1,606	2,925	1,279	529	617	493	422	246	302	9,704
1960	C	246	350	369	372	1,383	928	678	744	330	307	285	179	6,171
1961	C	291	345	497	369	976	766	606	748	317	307	291	179	5,692
1962	BN	342	271	478	369	2,506	1,177	684	732	389	449	246	243	7,885
1963	AN	1,536	272	1,107	516	4,069	1,586	5,165	2,011	635	577	246	244	17,963
1964	D	291	957	281	827	644	488	897	647	334	307	280	245	6,198
1965	W	246	366	4,994	7,179	1,488	1,161	2,565	1,433	446	693	246	244	21,060
1966	BN	246	572	621	1,514	1,111	1,256	851	703	471	400	246	225	8,215
1967	W	305	381	1,839	2,919	2,721	3,598	3,307	3,619	2,609	546	246	675	22,765
1968	D	771	287	443	1,555	3,625	1,801	821	630	363	492	246	237	11,216
1969	W	284	350	927	7,582	7,283	3,424	3,378	4,311	2,072	492	246	330	30,677
1970	AN	867	358	3,570	13,259	4,339	2,088	925	837	443	733	246	227	27,892
1971	BN	246	499	3,277	2,571	1,449	2,427	1,212	1,799	679	673	246	479	15,559
1972	D	303	269	442	443	1,007	1,612	686	623	611	400	246	193	6,836
1973	AN	282	602	909	5,118	4,931	3,268	964	1,162	580	492	246	246	18,801
1974	W	290	3,140	3,934	7,876	1,833	6,539	4,238	1,595	757	497	246	615	31,559
1975	W	397	279	421	369	3,232	5,446	1,436	1,860	1,013	492	246	567	15,757
1976	C	672	283	337	316	519	584	484	669	238	246	217	232	4,795
1977	C	222	287	350	439	372	373	422	843	238	246	327	179	4,298
1978	W	217	321	551	4,108	2,650	4,126	2,498	1,666	876	492	246	334	18,085
1979	AN	266	268	332	1,103	2,753	1,905	1,018	1,009	611	400	246	222	10,131
1980	W	300	337	672	6,574	7,462	3,512	1,134	1,125	617	492	246	272	22,743
1981	D	275	268	445	905	1,242	1,332	798	626	318	307	270	246	7,033
1982	W	278	1,460	5,372	4,913	5,647	4,952	8,365	3,173	1,212	492	246	581	36,691
1983	W	1,207	2,200	5,311	6,831	10,162	15,795	4,930	5,014	4,880	1,757	489	1,287	59,862
1984	AN	1,368	4,807	9,965	3,977	2,109	1,977	1,006	686	507	665	246	220	27,534
1985	D	328	1,018	796	369	589	772	630	702	323	307	269	253	6,356
1986	W	304	313	713	1,037	12,182	8,731	1,457	1,102	575	492	281	277	27,464
1987	C	273	289	343	367	736	1,314	652	625	328	307	224	179	5,637
1988	C	352	268	845	1,187	643	484	454	670	344	246	279	179	5,952
1989	C	266	300	344	443	437	2,476	1,140	706	324	307	325	222	7,291
1990	C	252	381	277	523	633	533	586	799	238	246	314	179	4,960
1991	C	195	389	215	277	410	1,543	678	821	238	246	292	179	5,482
1992	C	220	329	215	407	1,537	896	617	634	331	246	288	179	5,896
1993	W	204	356	385	4,055	2,978	1,832	2,061	1,982	1,063	492	246	230	15,883
1994	C	286	293	406	339	1,103	677	485	705	238	246	344	243	5,354
Average		369	533	1,339	2,244	2,689	2,380	1,655	1,389	709	431	263	284	14,285
Maximum		1,536	4,807	9,965	13,259	12,182	15,795	8,365	5,014	4,880	1,757	489	1,287	59,862
Minimum		195	268	215	277	372	373	391	617	238	246	215	179	4,212
Average by Year Type														
W		344	649	2,301	4,519	5,369	4,877	3,192	2,638	1,443	567	261	447	26,608
AN		485	858	2,237	2,921	3,104	1,955	1,803	1,168	551	486	248	230	16,047
BN		344	342	779	1,340	1,611	1,993	1,186	1,129	537	455	243	263	10,220
D		420	420	453	775	1,306	958	751	658	374	332	269	216	6,932
C		280	326	382	494	734	899	577	720	289	265	289	189	5,442

Water year types are based on San Joaquin Valley Index (W: Wet; AN: Above Normal; BN: Below Normal; D: Dry; C: Critical)
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Table D-72. Delta Outflow: Difference in TAF (Alt 2 minus Base)

Water Year	Year Type	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
1922	W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1923	AN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1924	C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1925	BN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1926	D	0.0	0.0	0.0	0.1	0.0	0.6	0.0	0.0	0.0	0.0	2.9	0.0	3.5
1927	AN	0.0	1.4	-4.8	0.1	-17.3	-3.4	0.0	14.3	-0.1	-3.4	0.0	0.0	-13.2
1928	BN	0.8	-1.0	-4.8	0.3	-0.1	5.3	0.0	0.0	0.0	0.0	0.0	0.6	1.2
1929	C	-0.6	0.0	-0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.0	-0.2
1930	C	-0.4	1.3	0.0	0.1	1.3	0.0	0.1	0.0	-0.2	0.0	1.4	0.0	3.7
1931	C	0.0	-0.2	0.0	-2.4	0.1	19.6	-1.6	0.0	0.0	0.0	-8.0	0.0	7.6
1932	AN	5.1	-7.7	-1.1	-0.8	-0.4	0.0	-45.1	59.5	-0.4	0.0	-2.1	0.0	7.0
1933	D	0.3	-0.8	0.3	0.7	0.2	0.0	0.0	0.0	0.0	0.0	-0.7	0.0	-0.2
1934	C	0.2	-0.2	0.1	-14.9	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	-14.9
1935	AN	0.1	0.3	0.6	0.9	-0.3	0.0	-174.2	29.0	39.7	0.0	0.0	-0.4	-104.3
1936	AN	-9.9	18.6	-15.3	0.2	-1.8	-3.4	-0.2	-0.1	0.0	0.0	0.0	3.0	-8.9
1937	W	-2.9	3.5	-1.6	0.0	1.2	-1.7	-0.8	-3.8	0.6	0.0	0.0	0.0	-5.6
1938	W	-1.9	0.1	-22.9	0.3	-12.2	-0.1	-0.1	-0.1	-3.5	0.0	0.0	26.6	-13.7
1939	D	-1.6	0.2	0.2	0.0	0.0	0.0	0.0	0.0	25.7	0.0	-5.8	0.9	19.6
1940	AN	3.1	-2.1	2.2	-0.4	-4.0	-19.2	0.1	0.1	14.3	0.0	0.0	-6.9	-12.7
1941	W	5.8	-3.1	7.1	5.2	0.0	-7.4	0.0	0.0	0.0	0.0	0.0	0.0	7.6
1942	W	0.0	0.0	0.0	-1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-1.0
1943	W	0.0	0.0	0.0	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9
1944	BN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1945	AN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1946	AN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1947	D	0.0	0.0	0.0	0.0	0.0	14.3	0.0	0.0	-0.2	0.0	0.2	0.0	14.3
1948	BN	1.4	-2.7	3.3	-1.3	0.0	0.2	0.2	0.0	0.0	0.0	0.0	0.0	1.2
1949	BN	0.2	-0.5	0.0	0.3	0.0	6.0	-0.1	0.1	0.0	0.0	0.0	0.0	6.1
1950	BN	0.0	0.0	0.0	0.1	0.0	0.0	0.0	7.1	-1.0	0.0	0.0	0.0	6.2
1951	AN	-0.1	1.8	0.0	-8.6	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	-6.7
1952	W	0.0	0.1	-1.2	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-1.2
1953	BN	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
1954	BN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1955	D	0.0	0.0	0.0	0.0	0.0	0.0	-1.9	-0.1	0.0	0.0	0.4	0.0	-1.6
1956	W	-1.5	2.5	-0.6	-3.1	0.0	-3.2	0.0	0.0	0.0	0.0	0.0	0.0	-5.9
1957	BN	0.0	0.0	0.0	-0.6	0.0	-3.8	0.0	0.0	0.0	0.0	0.0	0.0	-4.3
1958	W	0.0	0.0	0.1	0.0	-0.4	0.0	6.8	0.0	0.0	0.0	0.0	0.0	6.5
1959	D	0.0	0.0	0.0	2.3	0.0	-0.2	0.0	0.0	0.0	0.0	0.0	0.0	2.1
1960	C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1
1961	C	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1
1962	BN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	-0.7	0.0	-0.1	-0.9
1963	AN	0.1	0.0	0.0	0.0	2.3	-0.3	-8.7	0.1	0.0	-10.8	0.0	-0.1	-17.3
1964	D	0.0	1.2	-0.8	0.1	0.0	0.0	13.6	0.0	-0.2	0.0	-21.6	5.7	-2.1
1965	W	0.0	-10.5	59.6	12.3	-0.5	-0.2	11.6	-1.9	0.0	9.1	0.0	0.0	79.6
1966	BN	0.0	2.0	0.1	0.1	0.0	0.0	0.0	-59.5	37.9	0.0	0.0	1.0	-18.3
1967	W	0.4	0.2	-70.7	1.4	2.3	0.4	0.0	0.0	0.1	0.3	0.0	0.2	-65.4
1968	D	-1.4	0.0	2.1	1.1	1.3	0.0	0.0	0.0	0.1	-0.2	0.0	0.0	3.0
1969	W	0.0	-0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
1970	AN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1971	BN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1972	D	0.0	0.0	0.0	0.0	0.0	27.4	34.3	0.0	-12.0	0.0	0.0	14.8	64.4
1973	AN	-23.5	-2.4	87.6	-249.0	-0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-187.6
1974	W	0.1	-3.9	0.0	0.0	0.0	-0.1	242.7	0.0	-0.3	4.7	0.0	-1.0	242.2
1975	W	-100.9	-6.7	6.4	0.0	-31.8	-223.8	-0.1	-0.1	0.0	0.0	0.0	0.0	-357.1
1976	C	0.0	0.0	-14.0	11.8	-7.0	0.1	-0.1	0.0	0.0	0.0	0.5	0.2	-8.6
1977	C	0.5	0.1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.5	0.0	0.2
1978	W	0.6	-3.5	2.0	-0.4	-5.2	-0.5	-0.4	-0.3	-1.0	0.0	0.0	-0.1	-8.8
1979	AN	0.0	0.0	0.5	2.8	0.2	-0.1	-0.1	-0.1	0.0	0.0	0.0	0.0	3.1
1980	W	0.0	0.0	-0.1	-0.9	0.1	-0.2	-0.2	-0.2	0.0	0.0	0.0	-0.1	-1.6
1981	D	-0.1	0.0	0.1	-0.2	-0.2	-0.1	-0.1	0.0	0.0	0.0	0.1	0.0	-0.4
1982	W	-0.1	-0.8	-0.6	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-2.0
1983	W	-0.2	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-1.1
1984	AN	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	0.0	0.0	0.0	0.0	0.0	0.1	-0.4
1985	D	0.0	-0.3	-0.1	0.0	0.0	-0.3	0.1	0.0	0.0	0.0	0.0	0.0	-0.5
1986	W	0.0	0.0	-0.1	-0.1	-0.2	-0.4	-0.1	0.0	0.0	0.0	0.0	-0.1	-1.0
1987	C	0.0	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1
1988	C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0
1989	C	0.1	-0.1	0.0	0.0	0.0	-0.1	-0.1	0.0	-0.2	0.0	-0.6	0.0	-1.0
1990	C	0.5	-0.7	0.0	0.2	0.0	-0.1	0.0	0.0	0.0	0.0	0.1	0.0	0.0
1991	C	0.0	0.0	0.0	0.0	-0.3	-0.1	0.0	0.0	0.0	0.0	-0.2	0.0	-0.6
1992	C	0.1	-0.1	0.0	0.3	0.2	0.0	0.0	0.0	0.0	0.0	1.0	0.0	1.5
1993	W	-0.4	0.5	0.0	-0.6	0.0	0.0	2.3	-0.1	0.7	0.0	0.0	0.0	2.3
1994	C	0.0	0.0	0.1	0.0	-2.4	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	-2.6
Average		-1.7	-0.2	0.5	-3.3	-1.0	-2.7	1.1	0.6	1.4	0.0	-0.4	0.6	-5.3
Maximum		5.8	18.6	87.6	12.3	2.3	27.4	242.7	59.5	39.7	9.1	2.9	26.6	242.2
Minimum		-100.9	-10.5	-70.7	-249.0	-31.8	-223.8	-174.2	-59.5	-12.0	-10.8	-21.6	-6.9	-357.1
Average by Year Type														
W		-5.0	-1.1	-1.1	0.7	-2.4	-11.9	13.1	-0.3	-0.2	0.7	0.0	1.3	-6.3
AN		-1.8	0.7	5.0	-18.2	-1.5	-1.9	-16.3	7.3	3.8	-1.0	-0.2	-0.3	-24.3
BN		0.2	-0.2	-0.1	-0.1	0.0	0.7	0.0	-4.4	3.1	-0.1	0.0	0.1	-0.7
D		-0.3	0.0	0.2	0.4	0.1	3.8	4.2	0.0	1.2	0.0	-2.2	1.9	9.3
C		0.0	0.0	-0.9	-0.3	-0.5	1.2	-0.1	0.0	0.0	0.0	-0.4	0.0	-0.9

Water year types are based on San Joaquin Valley Index (W: Wet; AN: Above Normal; BN: Below Normal; D: Dry; C: Critical)
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Table D-73. Delta Outflow: Alternative 2 in CFS

Water Year	Year Type	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1922	W	4,000	4,500	11,113	7,638	35,140	27,410	25,222	53,980	35,202	8,000	4,000	4,101
1923	AN	4,862	4,992	27,804	29,149	14,973	10,926	28,438	18,445	7,908	6,500	4,000	4,507
1924	C	4,000	5,516	4,534	6,226	9,923	10,109	6,571	11,399	4,000	4,000	4,197	3,000
1925	BN	3,817	5,018	7,271	6,989	65,086	27,190	21,241	14,236	8,535	5,000	4,387	3,070
1926	D	4,921	4,500	4,731	10,169	36,074	9,794	21,596	11,153	5,046	5,000	5,396	3,000
1927	AN	4,000	13,106	13,093	26,496	129,432	37,591	46,659	25,847	11,854	8,838	4,000	4,070
1928	BN	4,076	6,780	5,728	13,428	17,104	102,680	26,057	16,412	5,773	8,483	4,000	3,210
1929	C	4,608	6,150	5,042	5,638	10,323	10,116	6,919	11,659	5,694	4,000	4,537	3,000
1930	C	3,554	5,694	9,517	14,003	13,111	23,934	10,508	11,228	5,432	5,000	5,764	3,000
1931	C	4,000	5,425	4,500	7,796	7,800	6,467	6,791	11,798	4,000	4,000	4,296	3,000
1932	AN	3,868	5,680	17,054	15,381	15,486	11,400	11,198	13,111	10,182	5,000	4,488	3,000
1933	D	4,291	5,107	7,113	9,188	9,943	9,679	10,036	11,148	5,650	4,000	4,685	3,000
1934	C	3,458	5,710	7,419	12,923	12,289	11,400	9,998	11,619	5,438	4,000	4,705	3,000
1935	AN	3,460	6,819	4,889	29,106	11,262	20,808	51,662	26,879	11,546	6,500	4,000	3,995
1936	AN	4,273	5,468	6,621	32,772	76,629	24,804	25,588	18,408	10,129	6,500	4,000	3,873
1937	W	4,216	5,514	6,018	9,757	44,099	45,413	28,068	22,015	9,597	6,500	4,000	3,000
1938	W	4,557	14,536	53,745	32,638	147,201	168,352	77,520	75,002	42,840	8,000	4,000	6,780
1939	D	12,076	4,531	7,731	8,581	7,920	11,166	10,026	11,123	4,920	5,000	4,166	3,112
1940	AN	5,062	4,551	5,022	30,401	61,110	103,592	66,185	18,237	7,627	8,000	4,000	3,429
1941	W	4,773	6,145	35,367	97,517	123,889	90,895	76,163	45,474	14,683	8,000	4,312	6,937
1942	W	6,250	4,734	58,856	82,123	144,961	18,897	50,063	36,814	19,552	8,000	4,000	6,251
1943	W	7,486	6,496	21,852	85,379	60,448	86,686	28,574	21,046	8,800	8,997	4,000	3,804
1944	BN	4,153	5,313	4,644	6,757	20,457	14,855	11,427	11,398	7,383	5,000	3,500	3,685
1945	AN	5,444	5,020	9,463	7,220	46,809	19,164	14,546	16,457	9,000	6,500	4,000	3,928
1946	AN	4,697	5,944	68,881	41,752	24,982	15,942	12,673	14,424	8,712	6,500	4,000	3,882
1947	D	5,219	5,444	6,270	6,635	12,661	14,588	11,196	10,215	5,569	5,000	4,461	3,000
1948	BN	5,424	4,577	5,161	8,021	11,209	11,420	25,665	30,015	12,134	6,500	4,000	4,196
1949	BN	4,515	5,683	5,242	5,913	7,756	40,885	13,082	13,307	7,486	5,000	3,500	3,000
1950	BN	5,549	4,500	5,574	15,398	28,791	13,905	20,624	17,331	10,647	6,500	4,000	4,283
1951	AN	4,513	44,371	98,270	62,969	68,549	24,773	14,774	21,387	6,100	9,627	4,000	3,940
1952	W	4,000	6,635	37,220	86,602	74,983	63,060	73,717	71,309	40,388	8,000	4,000	10,703
1953	BN	13,498	4,500	36,509	105,563	21,304	14,581	16,611	25,864	15,571	10,918	4,000	7,278
1954	BN	4,351	5,544	6,133	20,605	57,140	42,835	39,400	21,559	6,134	8,558	4,000	4,133
1955	D	4,591	6,491	11,576	11,196	11,400	7,704	12,638	11,569	6,996	5,000	4,142	3,000
1956	W	4,973	5,092	99,617	167,848	80,131	30,666	19,324	41,968	13,437	8,107	4,000	8,374
1957	BN	8,250	4,500	4,500	6,425	26,328	41,523	18,824	17,586	8,706	8,000	4,000	4,257
1958	W	6,060	4,731	16,291	31,353	179,389	93,672	99,960	53,249	29,546	8,000	4,000	9,468
1959	D	12,033	4,500	4,500	26,115	52,664	20,806	8,888	10,036	8,287	6,864	4,000	5,082
1960	C	4,000	5,888	6,002	6,048	24,036	15,091	11,400	12,106	5,539	5,000	4,637	3,000
1961	C	4,734	5,794	8,079	6,000	17,579	12,459	10,184	12,169	5,322	5,000	4,740	3,000
1962	BN	5,561	4,549	7,772	6,000	45,123	19,148	11,497	11,899	6,534	7,301	4,000	4,081
1963	AN	24,980	4,564	18,004	8,397	73,266	25,787	86,795	32,701	10,669	9,382	4,000	4,109
1964	D	4,726	16,075	4,564	13,451	11,196	7,937	15,081	10,521	5,614	5,000	4,549	4,122
1965	W	4,000	6,152	81,216	116,751	26,791	18,880	43,113	23,301	7,496	11,270	4,000	4,092
1966	BN	4,000	9,612	10,098	24,615	19,997	20,422	14,305	11,439	7,910	6,500	4,000	3,787
1967	W	4,960	6,410	29,901	47,466	48,994	58,511	55,582	58,859	43,843	8,880	4,000	11,351
1968	D	12,539	4,824	7,201	25,295	63,016	29,296	13,803	10,246	6,097	7,108	4,000	3,983
1969	W	4,617	5,886	15,072	123,306	131,132	55,679	56,761	70,107	34,814	8,000	4,000	5,554
1970	AN	14,105	6,014	58,060	215,645	78,130	33,956	15,546	13,609	7,439	11,922	4,000	3,818
1971	BN	4,000	8,393	53,302	41,820	26,092	39,478	20,374	29,261	11,405	10,945	4,000	8,053
1972	D	4,931	4,518	7,196	7,209	17,502	26,219	11,528	10,132	10,272	6,500	4,000	3,248
1973	AN	4,594	10,125	14,786	83,244	88,785	53,148	16,209	18,895	9,745	8,000	4,000	4,131
1974	W	4,721	52,767	63,973	128,092	33,005	106,339	71,229	25,936	12,720	8,077	4,000	10,342
1975	W	6,454	4,684	6,846	6,000	58,192	88,568	24,137	30,253	17,016	8,000	4,000	9,526
1976	C	10,936	4,755	5,480	5,132	9,023	9,493	8,131	10,875	4,000	4,000	3,521	3,895
1977	C	3,612	4,816	5,688	7,144	6,696	6,066	7,100	13,717	4,000	4,000	5,322	3,000
1978	W	3,534	5,386	8,961	66,813	47,711	67,109	41,976	27,100	14,716	8,000	4,000	5,614
1979	AN	4,325	4,500	5,395	17,940	49,564	30,986	17,100	16,405	10,273	6,500	4,000	3,728
1980	W	4,879	5,669	10,931	106,923	129,729	57,119	19,063	18,292	10,362	8,000	4,000	4,565
1981	D	4,479	4,500	7,231	14,726	22,367	21,659	13,409	10,180	5,341	5,000	4,396	4,134
1982	W	4,518	24,529	87,371	79,898	101,678	80,542	140,580	51,611	20,366	8,000	4,000	9,763
1983	W	19,625	36,969	86,368	111,100	182,981	256,889	82,847	81,539	82,008	28,569	7,958	21,624
1984	AN	22,255	80,790	162,060	64,673	36,667	32,155	16,911	11,161	8,518	10,814	4,000	3,697
1985	D	5,331	17,103	12,953	6,000	10,611	12,560	10,579	11,419	5,436	5,000	4,373	4,244
1986	W	4,938	5,259	11,601	16,868	219,354	141,992	24,483	17,922	9,669	8,000	4,567	4,654
1987	C	4,438	4,855	5,576	5,966	13,253	21,368	10,965	10,162	5,517	5,000	3,640	3,000
1988	C	5,730	4,500	13,741	19,306	11,184	7,872	7,627	10,904	5,785	4,000	4,539	3,000
1989	C	4,327	5,049	5,600	7,201	7,867	40,262	19,166	11,486	5,440	5,000	5,278	3,736
1990	C	4,098	6,396	4,500	8,498	11,400	8,672	9,854	12,987	4,000	4,000	5,115	3,000
1991	C	3,166	6,543	3,500	4,500	7,388	25,092	11,400	13,352	4,000	4,000	4,742	3,000
1992	C	3,573	5,521	3,500	6,617	26,717	14,567	10,361	10,312	5,555	4,000	4,683	3,000
1993	W	3,310	5,976	6,257	65,948	53,624	29,799	34,629	32,238	17,857	8,000	4,000	3,870
1994	C	4,643	4,928	6,609	5,509	19,860	11,005	8,154	11,459	4,000	4,000	5,426	4,079
Average		5,993	8,960	21,784	36,490	48,072	38,710	27,812	22,593	11,915	7,016	4,274	4,769
Maximum		24,980	80,790	162,060	215,645	219,354	256,889	140,580	81,539	82,008	28,569	7,958	21,624
Minimum		3,166	4,500	3,500	4,500	6,696	6,066	6,571	10,036	4,000	4,000	3,500	3,000
Average by Year Type													
W		5,594	10,904	37,429	73,501	96,172	79,324	53,651	42,901	24,246	9,220	4,242	7,519
AN		7,888	14,425	36,386	47,510	55,403	31,788	30,306	18,998	9,264	7,899	4,035	3,865
BN		5,599	5,747	12,661	21,795	28,866	32,410	19,926	18,359	9,018	7,392	3,949	4,419
D		6,831	7,054	7,370	12,597	23,214	15,583	12,616	10,704	6,293	5,407	4,379	3,629
C		4,555	5,471	6,205	8,032	13,028	14,623	9,696	11,702	4,858	4,312	4,696	3,169

Water year types are based on San Joaquin Valley Index (W: Wet; AN: Above Normal; BN: Below Normal; D: Dry; C: Critical)

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Table D-74. Delta Outflow: Difference in CFS (Alt 2 minus Base)

Water Year	Year Type	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1922	W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1923	AN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	0.0	0.0
1924	C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0
1925	BN	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.1	0.0
1926	D	0.2	0.0	-0.4	1.8	0.0	9.5	-0.6	-0.1	-0.1	0.0	46.6	0.0
1927	AN	0.0	24.1	-78.0	1.1	-311.1	-56.0	-0.1	232.8	-1.5	-54.7	0.0	0.0
1928	BN	12.5	-16.5	-77.5	4.3	-1.5	86.8	-0.5	-0.1	0.0	0.4	0.0	10.6
1929	C	-10.1	0.7	-3.3	-0.2	-0.3	-0.5	0.0	0.0	0.0	0.0	10.3	0.0
1930	C	-6.9	21.5	0.4	1.5	24.3	0.4	1.2	0.0	-2.7	0.0	22.9	0.0
1931	C	0.0	-3.0	0.0	-38.8	2.6	318.2	-26.4	0.0	0.0	0.0	-129.9	0.0
1932	AN	83.0	-129.7	-17.1	-13.2	-6.2	0.0	-758.0	967.5	-6.3	0.0	-34.9	0.0
1933	D	4.3	-13.0	5.0	11.2	2.9	-0.5	0.0	-0.7	0.0	0.0	-12.2	0.0
1934	C	2.6	-3.9	2.2	-242.2	-0.1	0.0	0.3	-0.6	0.5	0.0	-1.2	0.0
1935	AN	1.2	4.9	9.8	14.6	-4.6	-0.7	-2,927.3	471.7	667.2	0.0	0.0	-6.1
1936	AN	-161.8	313.0	-248.8	3.7	-31.7	-55.5	-3.0	-1.3	0.6	0.0	0.0	50.0
1937	W	-46.5	58.5	-26.4	0.1	21.5	-27.5	-13.8	-62.5	9.5	0.0	0.0	0.0
1938	W	-30.5	1.6	-372.6	4.5	-219.4	-2.2	-1.4	-0.9	-58.7	0.0	0.0	447.6
1939	D	-26.3	2.7	2.7	0.0	0.8	0.6	0.0	0.0	432.0	0.0	-93.9	14.3
1940	AN	51.1	-34.7	36.5	-7.0	-69.6	-312.1	0.9	2.1	240.8	0.0	0.0	-116.3
1941	W	94.1	-51.3	115.2	84.3	0.1	-120.7	0.1	0.0	0.4	0.0	-0.1	-0.1
1942	W	-0.1	-0.2	-0.1	-16.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
1943	W	0.0	0.1	0.0	14.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1944	BN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1945	AN	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1946	AN	0.0	0.0	0.1	0.0	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	0.0
1947	D	0.0	0.0	0.0	0.0	0.0	232.7	-0.3	0.1	-3.2	0.0	3.0	0.0
1948	BN	23.5	-45.3	53.7	-21.0	0.0	3.9	2.7	0.0	0.1	0.0	0.0	0.3
1949	BN	3.7	-7.7	0.2	4.2	0.2	98.3	-1.2	0.9	-0.1	0.0	0.0	0.0
1950	BN	-0.1	0.0	0.0	1.1	0.0	0.0	0.0	115.8	-17.0	0.0	0.0	0.0
1951	AN	-2.2	30.4	-0.2	-139.8	-0.1	0.0	0.0	0.0	0.0	4.4	0.0	0.0
1952	W	0.0	1.4	-19.6	0.1	-1.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1953	BN	0.0	0.0	0.0	1.3	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1954	BN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1955	D	0.0	0.0	0.0	0.0	0.0	-0.3	-32.0	-1.7	0.4	0.0	5.7	0.0
1956	W	-25.2	41.2	-9.5	-50.7	0.3	-51.3	-0.1	-0.1	-0.1	-0.2	0.0	0.4
1957	BN	0.0	0.0	0.0	-9.3	0.1	-61.1	0.7	-0.1	0.4	0.0	0.0	-0.1
1958	W	0.6	0.1	2.0	-0.1	-8.0	-0.3	114.1	0.0	0.0	0.0	0.0	0.0
1959	D	0.0	0.0	0.0	36.6	0.1	-2.7	-0.1	0.0	0.4	0.1	0.0	0.0
1960	C	0.0	-0.4	-0.2	-0.2	-0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1961	C	0.0	0.1	0.1	0.0	0.0	0.9	0.0	0.0	0.0	0.0	0.1	0.0
1962	BN	0.1	-0.1	-0.7	0.0	0.6	0.0	0.0	-1.2	0.0	-11.0	0.0	-2.3
1963	AN	2.2	-0.1	0.1	0.0	42.0	-4.7	-145.9	1.0	0.6	-175.8	0.0	-1.5
1964	D	0.0	19.6	-12.3	1.1	0.0	0.1	227.9	-0.3	-2.8	0.0	-351.6	95.1
1965	W	0.0	-176.4	970.0	199.6	-9.3	-2.5	195.7	-31.7	-0.3	148.7	0.0	0.1
1966	BN	0.0	34.4	1.4	1.3	0.5	0.6	0.3	-967.1	637.4	0.0	0.0	16.8
1967	W	6.7	3.6	-1,149.3	22.1	41.3	6.3	-0.8	0.4	1.3	4.3	0.0	4.2
1968	D	-22.5	-0.3	33.5	18.1	22.0	0.0	-0.2	0.0	2.3	-3.1	0.0	0.1
1969	W	0.8	-1.5	0.0	1.7	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0
1970	AN	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1971	BN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1972	D	0.0	0.0	0.0	0.0	0.0	445.1	576.0	0.0	-201.6	0.0	0.0	248.2
1973	AN	-381.9	-40.2	1,423.9	-4,049.7	-4.8	-0.7	0.3	0.1	0.6	0.0	0.0	0.0
1974	W	1.7	-64.9	0.4	-0.4	-0.1	-1.1	4,078.6	-0.1	-5.5	76.7	0.0	-17.2
1975	W	-1,641.1	-113.2	104.1	0.0	-573.1	-3,640.1	-1.7	-1.1	-0.3	0.0	0.0	-0.2
1976	C	0.0	0.0	-227.7	192.4	-121.9	1.2	-1.3	-0.3	0.0	0.0	7.4	2.8
1977	C	7.7	1.0	4.0	-0.3	-0.2	0.0	0.0	0.0	0.0	0.0	-8.6	0.0
1978	W	9.9	-58.9	33.3	-6.3	-93.0	-8.5	-7.2	-5.2	-17.3	0.0	0.0	-1.0
1979	AN	0.1	0.0	8.6	45.1	3.3	-2.0	-1.9	-2.1	0.4	0.0	0.0	-0.7
1980	W	0.1	0.0	-2.0	-14.9	2.2	-3.4	-2.7	-2.5	-0.6	0.0	0.0	-1.7
1981	D	-1.6	0.0	1.6	-2.5	-3.6	-1.4	-1.6	0.0	0.1	0.0	1.6	-0.4
1982	W	-1.1	-13.1	-9.4	-1.4	-1.8	-1.6	-1.6	-1.5	-1.5	0.0	0.5	-1.4
1983	W	-3.0	-1.4	-1.7	-1.3	-1.3	-1.3	-1.4	-1.3	-1.3	-1.3	-1.3	-1.3
1984	AN	-1.3	-1.3	-1.2	-1.2	-1.3	-1.2	0.2	-0.5	0.7	-0.4	0.0	0.9
1985	D	-0.3	-4.8	-1.0	0.0	-0.8	-4.2	1.4	0.7	-0.1	0.0	0.0	0.5
1986	W	-0.4	-0.3	-1.0	-2.2	-4.2	-6.7	-1.0	-0.4	-0.3	0.0	0.1	-1.0
1987	C	0.0	0.4	-0.9	0.3	-0.7	-0.6	0.2	0.0	0.0	0.0	0.2	0.0
1988	C	-0.3	0.0	-0.4	-0.4	0.0	0.0	-0.4	0.0	0.0	0.0	1.6	0.0
1989	C	1.3	-1.4	0.3	-0.4	0.0	-2.2	-1.2	0.0	-3.4	0.0	-9.0	-0.5
1990	C	8.6	-12.5	0.0	3.6	0.0	-1.4	0.0	0.0	0.0	0.0	1.8	0.0
1991	C	-0.5	0.8	0.0	0.0	-5.6	-1.8	-0.5	0.0	0.0	0.0	-3.4	0.0
1992	C	2.2	-2.0	0.0	5.7	3.9	-0.8	0.0	0.0	0.0	0.0	15.6	0.0
1993	W	-5.9	7.6	-0.3	-9.3	-0.8	-0.6	38.2	-0.8	11.8	0.0	0.0	0.0
1994	C	0.0	-0.8	0.9	-0.4	-43.2	0.1	-0.6	0.0	0.0	0.0	-1.8	-0.1
Average		-28.1	-3.2	7.5	-54.2	-18.5	-43.5	17.9	9.7	23.1	-0.2	-7.3	10.1
Maximum		94.1	313.0	1,423.9	199.6	42.0	445.1	4,078.6	967.5	667.2	148.7	46.6	447.6
Minimum		-1,641.1	-176.4	-1,149.3	-4,049.7	-573.1	-3,640.1	-2,927.3	-967.1	-201.6	-175.8	-351.6	-116.3
Average by Year Type													
W		-82.0	-18.4	-18.3	11.2	-42.4	-193.1	219.8	-5.4	-3.1	11.4	0.0	21.4
AN		-29.2	11.9	81.0	-296.2	-27.4	-30.9	-273.9	119.4	64.5	-16.2	-2.5	-5.3
BN		3.3	-2.9	-1.9	-1.5	0.0	10.7	0.2	-71.0	51.7	-0.9	0.0	2.1
D		-4.2	0.4	2.6	6.0	1.9	61.7	70.0	-0.2	20.7	-0.3	-36.4	32.5
C		0.3	0.0	-14.0	-5.0	-8.8	19.6	-1.8	-0.1	-0.4	0.0	-5.9	0.1

Water year types are based on San Joaquin Valley Index (W: Wet; AN: Above Normal; BN: Below Normal; D: Dry; C: Critical)

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Table D-75. Delta Outflow: Difference in Percentage (Alt 2 minus Base)

Water Year	Year Type	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
1922	W	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1923	AN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1924	C	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1925	BN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1926	D	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	0.9%	0.0%	0.0%
1927	AN	0.0%	0.2%	-0.6%	0.0%	-0.2%	-0.1%	0.0%	0.9%	0.0%	-0.6%	0.0%	0.0%	-0.1%
1928	BN	0.3%	-0.2%	-1.3%	0.0%	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.3%	0.0%
1929	C	-0.2%	0.0%	-0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.2%	0.0%	0.0%
1930	C	-0.2%	0.4%	0.0%	0.0%	0.2%	0.0%	0.0%	0.0%	-0.1%	0.0%	0.4%	0.0%	0.1%
1931	C	0.0%	-0.1%	0.0%	-0.5%	0.0%	5.2%	-0.4%	0.0%	0.0%	0.0%	-2.9%	0.0%	0.2%
1932	AN	2.2%	-2.2%	-0.1%	-0.1%	0.0%	0.0%	-6.3%	8.0%	-0.1%	0.0%	-0.8%	0.0%	0.1%
1933	D	0.1%	-0.3%	0.1%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.3%	0.0%	0.0%
1934	C	0.1%	-0.1%	0.0%	-1.8%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.3%
1935	AN	0.0%	0.1%	0.2%	0.1%	0.0%	0.0%	-5.4%	1.8%	6.1%	0.0%	0.0%	-0.2%	-0.9%
1936	AN	-3.6%	6.1%	-3.6%	0.0%	0.0%	-0.2%	0.0%	0.0%	0.0%	0.0%	0.0%	1.3%	-0.1%
1937	W	-1.1%	1.1%	-0.4%	0.0%	0.0%	-0.1%	0.0%	-0.3%	0.1%	0.0%	0.0%	0.0%	0.0%
1938	W	-0.7%	0.0%	-0.7%	0.0%	-0.1%	0.0%	0.0%	0.0%	-0.1%	0.0%	0.0%	7.1%	0.0%
1939	D	-0.2%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	9.6%	0.0%	-2.2%	0.5%	0.4%
1940	AN	1.0%	-0.8%	0.7%	0.0%	-0.1%	-0.3%	0.0%	0.0%	3.3%	0.0%	0.0%	-3.3%	-0.1%
1941	W	2.0%	-0.8%	0.3%	0.1%	0.0%	-0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1942	W	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1943	W	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1944	BN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1945	AN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1946	AN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1947	D	0.0%	0.0%	0.0%	0.0%	0.0%	1.6%	0.0%	0.0%	-0.1%	0.0%	0.1%	0.0%	0.3%
1948	BN	0.4%	-1.0%	1.1%	-0.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1949	BN	0.1%	-0.1%	0.0%	0.1%	0.0%	0.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%
1950	BN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.7%	-0.2%	0.0%	0.0%	0.0%	0.1%
1951	AN	0.0%	0.1%	0.0%	-0.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1952	W	0.0%	0.0%	-0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1953	BN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1954	BN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1955	D	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.3%	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%
1956	W	-0.5%	0.8%	0.0%	0.0%	0.0%	-0.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1957	BN	0.0%	0.0%	0.0%	-0.1%	0.0%	-0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1958	W	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1959	D	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1960	C	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1961	C	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1962	BN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.2%	0.0%	-0.1%	0.0%
1963	AN	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	-0.2%	0.0%	0.0%	-1.8%	0.0%	0.0%	-0.1%
1964	D	0.0%	0.1%	-0.3%	0.0%	0.0%	0.0%	1.5%	0.0%	0.0%	0.0%	-7.2%	2.4%	0.0%
1965	W	0.0%	-2.8%	1.2%	0.2%	0.0%	0.0%	0.5%	-0.1%	0.0%	1.3%	0.0%	0.0%	0.4%
1966	BN	0.0%	0.4%	0.0%	0.0%	0.0%	0.0%	0.0%	-7.8%	8.8%	0.0%	0.0%	0.4%	-0.2%
1967	W	0.1%	0.1%	-3.7%	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.3%
1968	D	-0.2%	0.0%	0.5%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1969	W	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1970	AN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1971	BN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1972	D	0.0%	0.0%	0.0%	0.0%	0.0%	1.7%	5.3%	0.0%	-1.9%	0.0%	0.0%	8.3%	1.0%
1973	AN	-7.7%	-0.4%	10.7%	-4.6%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-1.0%
1974	W	0.0%	-0.1%	0.0%	0.0%	0.0%	0.0%	6.1%	0.0%	1.0%	0.0%	0.0%	-0.2%	0.8%
1975	W	-20.3%	-2.4%	1.5%	0.0%	-1.0%	-3.9%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-2.2%
1976	C	0.0%	0.0%	-4.0%	3.9%	-1.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.2%	0.1%	-0.2%
1977	C	0.2%	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.2%	0.0%	0.0%
1978	W	0.3%	-1.1%	0.4%	0.0%	-0.2%	0.0%	0.0%	0.0%	-0.1%	0.0%	0.0%	0.0%	0.0%
1979	AN	0.0%	0.0%	0.2%	0.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1980	W	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1981	D	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1982	W	0.0%	-0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1983	W	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1984	AN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1985	D	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1986	W	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1987	C	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1988	C	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1989	C	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%	0.0%	-0.2%	0.0%	0.0%
1990	C	0.2%	-0.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1991	C	0.0%	0.0%	0.0%	0.0%	-0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%	0.0%	0.0%
1992	C	0.1%	0.0%	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.3%	0.0%	0.0%
1993	W	-0.2%	0.1%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%
1994	C	0.0%	0.0%	0.0%	0.0%	-0.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Average		-0.4%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%	0.3%	0.0%	-0.2%	0.2%	0.0%
Maximum		2.2%	6.1%	10.7%	3.9%	0.2%	5.2%	6.1%	8.0%	9.6%	1.3%	0.9%	8.3%	1.0%
Minimum		-20.3%	-2.8%	-4.0%	-4.6%	-1.3%	-3.9%	-6.3%	-7.8%	-1.9%	-1.8%	-7.2%	-3.3%	-2.2%
Average by Year Type														
W		-1.0%	-0.3%	-0.1%	0.0%	-0.1%	-0.2%	0.3%	0.0%	0.0%	0.1%	0.0%	0.3%	-0.1%
AN		-0.6%	0.2%	0.5%	-0.3%	0.0%	-0.1%	-0.8%	0.8%	0.7%	-0.2%	-0.1%	-0.2%	-0.2%
BN		0.1%	-0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.6%	0.7%	0.0%	0.0%	0.1%	0.0%
D		0.0%	0.0%	0.0%	0.0%	0.0%	0.3%	0.6%	0.0%	0.7%	0.0%	-0.8%	1.0%	0.1%
C		0.0%	0.0%	-0.2%	0.1%	-0.1%	0.3%	0.0%	0.0%	0.0%	0.0%	-0.1%	0.0%	0.0%

Water year types are based on San Joaquin Valley Index (W: Wet; AN: Above Normal; BN: Below Normal; D: Dry; C: Critical)

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Table D-76. San Joaquin River at Vernalis: Alternative 2 in CFS

Water Year	Year Type	Oct	Nov	Dec	Jan	Feb	Mar	Apr 1-14	Apr 15-30	May 1-15	May 16-31	Jun	Jul	Aug	Sep
1922	W	2,221	1,748	2,654	2,797	6,645	7,823	6,153	7,567	8,015	6,464	11,895	2,168	2,052	1,970
1923	AN	4,163	1,737	4,616	7,256	6,260	2,992	5,178	7,000	6,999	3,657	2,606	2,082	1,994	1,894
1924	C	2,216	1,533	1,643	1,609	1,841	1,659	1,407	2,000	2,000	1,182	1,225	1,166	948	1,059
1925	BN	1,602	1,394	1,394	1,278	2,782	2,501	3,062	5,700	5,699	2,507	2,102	1,758	1,622	1,649
1926	D	1,845	1,402	1,478	1,303	1,916	2,280	2,449	4,450	4,449	2,280	1,538	1,374	953	1,206
1927	AN	1,658	1,803	1,980	1,767	4,613	3,759	4,143	7,000	6,999	3,420	2,301	1,846	1,675	1,613
1928	BN	1,773	1,889	2,101	2,163	2,460	5,906	4,349	6,999	5,768	2,517	1,806	1,613	1,534	1,530
1929	C	1,829	1,410	1,464	1,426	1,794	1,671	1,448	3,200	3,199	1,257	1,305	1,233	845	1,077
1930	C	1,374	1,192	1,172	1,257	1,584	1,808	1,500	2,831	2,806	1,229	1,273	1,207	795	1,066
1931	C	1,567	1,196	1,170	1,155	1,360	1,254	1,223	1,562	1,363	1,140	1,140	956	634	947
1932	AN	1,098	1,235	3,132	3,437	7,408	4,588	3,690	5,700	5,699	2,289	2,130	1,754	1,632	1,653
1933	D	1,925	1,427	1,425	1,626	1,935	2,037	1,660	3,200	3,199	1,420	1,420	1,077	1,028	1,106
1934	C	1,326	1,205	1,316	1,316	1,855	1,640	1,329	2,000	2,000	1,017	1,065	978	765	933
1935	AN	1,125	1,374	1,458	3,630	3,420	3,577	5,422	7,150	7,000	4,272	3,420	2,081	1,774	1,808
1936	AN	1,920	1,465	1,588	1,869	9,549	5,727	6,506	7,345	6,999	3,764	2,309	1,925	1,756	1,799
1937	W	2,425	1,550	1,790	2,538	14,344	10,699	8,553	9,550	10,056	7,876	2,585	2,081	1,855	1,899
1938	W	3,266	1,630	5,502	6,584	20,027	27,254	17,476	17,476	21,294	21,294	19,419	3,551	2,215	2,879
1939	D	8,835	1,815	2,109	2,272	3,054	3,865	3,298	5,699	5,476	2,550	2,280	1,759	1,715	1,605
1940	AN	1,983	1,501	1,528	4,048	5,746	9,383	6,286	7,000	6,999	3,834	2,581	2,061	1,980	1,928
1941	W	2,515	1,799	2,812	5,286	14,034	11,104	10,004	10,046	9,567	8,063	6,360	2,379	2,183	1,981
1942	W	4,662	1,854	4,923	7,648	8,696	5,872	6,902	7,000	7,000	5,910	5,312	2,775	2,300	2,174
1943	W	5,529	2,084	3,587	12,379	10,725	17,304	7,787	7,817	7,820	6,358	3,097	2,541	2,232	2,186
1944	BN	3,401	1,883	1,970	1,994	3,239	3,404	3,244	6,999	6,243	3,326	2,243	2,158	2,089	1,845
1945	AN	2,162	1,946	1,945	1,851	6,645	7,956	6,290	7,423	7,000	4,052	2,633	2,302	2,214	1,992
1946	AN	3,501	2,023	5,527	4,707	5,172	4,529	4,709	6,999	6,999	3,535	2,569	2,184	2,104	1,943
1947	D	2,295	1,950	2,191	1,947	2,736	2,280	1,750	3,200	3,200	1,559	1,661	1,584	1,014	1,244
1948	BN	1,688	1,356	1,286	1,181	1,420	1,834	3,105	4,450	4,450	2,690	2,248	1,799	1,711	1,685
1949	BN	1,878	1,427	1,406	1,296	1,681	2,656	2,615	4,450	4,449	2,214	1,752	1,700	1,638	1,616
1950	BN	1,655	1,410	1,389	2,007	2,725	2,354	2,484	4,450	4,449	2,280	1,729	1,575	1,533	1,574
1951	AN	1,647	3,658	8,076	9,606	9,756	5,435	3,876	6,999	6,999	3,502	2,470	1,841	1,711	1,826
1952	W	2,387	1,780	2,815	5,547	6,122	11,348	9,778	9,778	13,569	12,835	13,496	3,271	2,165	2,574
1953	BN	8,133	1,839	2,638	6,502	4,914	3,171	3,635	5,699	5,699	3,142	2,344	1,870	1,783	1,689
1954	BN	2,166	1,578	1,630	1,683	2,280	2,633	3,909	5,700	5,699	2,988	1,950	1,899	1,809	1,683
1955	D	2,128	1,511	1,612	1,850	2,280	1,759	1,711	3,200	3,200	1,632	1,693	1,618	1,101	1,240
1956	W	1,529	1,392	10,420	16,687	11,994	6,368	4,891	6,999	6,999	3,618	5,458	2,343	2,000	2,368
1957	BN	4,799	1,612	1,769	1,745	2,607	4,247	3,139	5,699	5,700	3,231	2,330	1,824	1,707	1,670
1958	W	2,280	1,648	1,741	1,981	3,420	9,006	14,404	14,404	12,787	11,837	9,924	2,669	2,271	2,466
1959	D	5,964	1,783	1,874	2,169	4,856	3,208	2,466	5,699	4,357	2,121	1,667	1,615	1,548	1,542
1960	C	1,821	1,345	1,330	1,390	2,160	1,857	1,705	3,200	3,199	1,429	1,467	1,349	829	1,134
1961	C	1,543	1,284	1,352	1,209	1,375	1,279	1,422	1,647	1,445	1,258	1,391	1,044	801	1,128
1962	BN	1,394	1,236	1,246	1,195	5,492	4,538	3,628	5,700	5,699	2,280	1,694	1,572	1,499	1,551
1963	AN	1,619	1,386	1,361	1,843	3,420	3,420	4,538	7,000	6,999	3,725	3,420	2,206	1,855	1,842
1964	D	2,008	1,708	1,730	1,667	1,674	1,683	1,536	3,200	3,199	1,420	1,420	1,302	904	1,165
1965	W	1,653	1,634	4,065	9,868	6,896	4,832	6,631	7,016	7,000	4,119	2,929	2,041	1,786	1,821
1966	BN	2,338	3,044	5,249	4,801	4,804	3,453	2,183	5,699	4,806	1,912	1,798	1,759	1,689	1,596
1967	W	2,078	1,633	2,854	3,219	3,420	6,846	12,512	12,512	13,985	12,523	16,225	9,063	2,066	3,194
1968	D	5,611	1,586	1,912	2,050	4,039	3,283	2,808	5,699	4,557	2,075	1,717	1,672	1,599	1,561
1969	W	2,004	1,572	1,933	13,070	24,224	17,715	18,463	18,463	23,408	23,408	24,591	4,075	2,129	2,846
1970	AN	8,463	1,974	3,531	17,107	9,394	7,423	4,366	6,999	6,999	3,730	2,527	1,977	1,905	1,906
1971	BN	2,369	1,857	2,413	2,356	2,671	3,399	3,113	5,699	5,699	2,980	2,218	1,966	1,872	1,706
1972	D	2,094	1,549	1,786	1,714	1,911	2,280	2,280	3,200	3,200	1,684	1,531	1,485	1,439	1,475
1973	AN	1,847	1,440	1,488	2,402	7,369	8,263	5,514	7,567	7,000	4,098	2,210	1,976	1,880	1,881
1974	W	2,375	1,598	2,041	5,436	4,740	6,367	7,753	7,753	7,000	5,415	3,420	2,186	1,982	2,040
1975	W	3,643	1,760	1,921	1,957	5,687	8,601	6,637	7,327	7,000	4,831	4,871	2,346	2,041	2,076
1976	C	4,263	1,704	1,809	1,712	1,947	1,796	1,602	3,200	3,199	1,402	1,480	1,404	1,392	1,251
1977	C	3,176	2,091	1,684	1,306	1,380	1,271	1,354	2,000	2,000	1,180	1,219	884	673	974
1978	W	1,650	1,340	1,512	3,728	7,851	9,110	11,713	13,951	12,066	9,828	11,215	2,506	1,832	2,582
1979	AN	4,587	1,535	1,710	4,956	9,324	8,713	5,553	7,000	7,000	4,228	2,148	1,828	1,728	1,829
1980	W	2,432	1,702	1,836	12,484	19,903	13,125	7,687	7,707	7,000	5,300	5,766	3,919	1,978	2,850
1981	D	5,215	1,648	1,787	2,118	2,573	3,677	3,004	5,699	4,990	2,331	1,718	1,676	1,612	1,563
1982	W	2,077	1,705	1,757	7,409	12,994	14,944	24,490	24,490	16,120	16,120	9,875	3,766	2,161	4,205
1983	W	12,601	7,646	18,296	23,447	31,166	37,502	20,227	20,227	20,426	19,172	34,815	17,866	1,988	6,606
1984	AN	12,345	12,744	20,738	14,505	9,663	6,180	3,866	6,999	6,890	3,509	2,643	2,231	2,129	1,951
1985	D	2,319	1,919	1,968	1,789	2,208	2,205	1,898	4,450	4,449	2,545	1,723	1,613	1,536	1,555
1986	W	2,165	1,683	1,760	2,180	16,509	22,789	11,727	12,248	8,506	7,044	6,748	2,379	2,142	2,148
1987	C	3,658	1,665	1,701	1,671	2,034	1,978	1,642	3,200	3,200	1,432	1,498	1,459	1,376	1,209
1988	C	1,639	1,318	1,272	1,272	1,311	1,255	1,401	2,000	2,000	1,208	1,262	1,144	687	1,029
1989	C	1,540	1,191	1,297	1,181	1,357	1,606	1,409	2,002	1,705	1,197	1,266	1,290	952	1,148
1990	C	1,555	1,228	1,157	1,186	1,367	1,326	1,298	1,827	1,586	1,140	1,169	1,166	743	1,078
1991	C	1,040	1,173	1,130	1,033	1,149	2,398	1,951	2,526	2,022	1,447	1,140	1,072	915	1,018
1992	C	1,240	1,202	1,132	1,205	2,200	1,904	1,634	2,209	1,657	1,082	1,101	1,175	817	1,074
1993	W	1,323	1,345	1,479	7,412	5,290	4,569	3,772	5,700	5,700	3,625	3,420	2,107	1,910	1,794
1994	C	3,623	1,468	1,466	1,359	1,721	1,500	1,344	3,200	3,199	1,268	1,421	1,414	925	1,144
Average		2,956	1,862	2,751	4,118	5,824	5,890	5,130	6,572	6,399	4,395	4,115	2,213	1,598	1,792
Maximum		12,601	12,744	20,738	23,447	31,166	37,502	24,490	24,490	23,408	23,408	34,815	17,866	2,300	6,606
Minimum		1,040	1,173	1,130	1,033	1,149	1,254	1,223	1,562	1,363	1,017	1,065			

Table D-77. San Joaquin River at Vernalis: Difference in CFS (Alt 2 minus Base)

Water Year	Year Type	Oct	Nov	Dec	Jan	Feb	Mar	Apr 1-14	Apr 15-30	May 1-15	May 16-31	Jun	Jul	Aug	Sep
1922	W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1923	AN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1924	C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1925	BN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1926	D	0.0	0.0	0.0	0.0	0.0	519.5	0.0	0.0	0.0	532.7	0.0	0.0	0.0	0.0
1927	AN	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	0.0	451.3	0.0	0.0	0.0	0.0
1928	BN	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	-0.1	-0.1	-0.2	-0.9	-0.7	-0.2
1929	C	-0.1	-0.1	-0.1	-0.2	-0.3	0.1	0.2	0.0	0.0	0.4	0.5	0.7	0.2	0.2
1930	C	0.1	0.1	0.1	0.1	0.2	0.0	-0.1	0.0	0.0	-0.3	-0.4	-0.5	0.5	-0.1
1931	C	-0.1	0.0	-0.1	-0.1	-0.2	0.0	-0.1	0.0	-0.1	122.7	0.0	-0.4	0.1	-0.1
1932	AN	0.0	0.0	0.0	0.0	0.1	-0.1	-0.2	0.0	0.0	-0.2	159.0	-0.5	-0.4	-0.4
1933	D	-0.2	-0.1	-0.2	-0.3	-0.5	0.0	0.0	0.0	0.0	17.2	166.4	0.0	0.0	0.0
1934	C	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	-0.3	-0.5	-0.6	0.6	-0.2
1935	AN	-0.1	-0.1	-0.1	0.0	0.0	0.0	-0.1	-0.1	0.0	0.0	455.5	0.0	0.0	0.0
1936	AN	188.1	0.0	0.0	0.0	0.0	-0.2	-0.5	-3.5	0.0	-0.5	0.0	0.0	0.0	0.0
1937	W	0.0	-0.2	-0.2	-0.2	-1.9	-2.1	0.1	-29.8	-29.7	-94.6	-0.1	-0.1	-0.1	-0.1
1938	W	-4.0	-2.0	-2.0	-2.0	0.1	-0.1	-0.1	-0.1	-0.2	-0.2	-58.2	0.1	0.1	0.1
1939	D	0.1	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	430.5	0.1	0.0	-0.1
1940	AN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0
1941	W	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1942	W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1943	W	0.0	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1944	BN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1945	AN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1946	AN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1947	D	0.0	0.0	0.0	0.0	0.0	358.0	-0.3	0.0	0.0	-0.5	-0.8	-0.9	-0.2	-0.2
1948	BN	-0.1	-0.1	-0.1	-0.2	58.3	0.1	0.0	0.0	0.0	0.1	0.1	0.6	0.4	0.1
1949	BN	0.1	0.1	0.1	0.1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	-0.2	-0.1	0.0
1950	BN	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	0.0	0.0	281.3	0.0	0.0	0.0	0.0
1951	AN	0.0	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1952	W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1953	BN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1954	BN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1955	D	0.0	0.0	0.0	0.0	319.1	0.1	0.2	0.0	0.0	0.1	0.6	0.7	0.2	0.2
1956	W	0.1	0.1	0.0	0.0	-0.2	-0.1	0.0	0.0	0.0	0.0	0.0	-0.1	-0.1	0.0
1957	BN	0.0	0.0	0.0	0.0	0.0	-0.1	-0.1	0.0	0.0	-0.2	-0.3	-0.9	-0.7	-0.2
1958	W	-0.1	-0.1	-0.1	-0.2	0.0	0.1	-0.1	-0.1	0.0	0.0	0.0	0.0	0.0	0.0
1959	D	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1960	C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1961	C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1962	BN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	57.3	0.0	0.0	0.0	0.0
1963	AN	0.0	0.0	0.0	0.0	0.0	656.0	0.0	0.0	0.0	0.0	457.5	0.0	0.0	0.0
1964	D	0.0	0.0	0.0	0.0	0.0	-0.2	-0.3	0.0	0.0	59.1	0.0	-2.7	-2.8	-0.6
1965	W	-9.8	-0.2	-0.3	0.0	-0.9	0.0	0.3	0.0	0.0	0.3	0.3	0.0	0.0	0.0
1966	BN	8.9	0.0	0.0	0.0	0.0	0.2	0.0	0.0	3.1	2.2	11.6	14.0	10.8	3.4
1967	W	2.1	1.3	1.6	0.2	258.1	-0.2	0.9	0.9	1.4	1.4	1.9	2.2	-0.7	-0.7
1968	D	-24.1	-0.3	-0.3	-0.5	-1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1969	W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1970	AN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1971	BN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1972	D	0.0	0.0	0.0	0.0	0.0	586.3	701.6	0.0	0.0	0.0	0.0	0.0	0.0	0.8
1973	AN	0.0	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1974	W	0.0	0.0	0.0	-0.3	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1975	W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1976	C	0.0	0.0	0.0	0.0	0.0	0.1	0.6	0.0	0.0	0.8	1.3	1.6	1.2	-2.8
1977	C	0.2	0.1	0.2	0.3	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1978	W	24.4	0.0	0.0	0.0	0.0	0.7	0.8	0.7	1.1	1.1	-23.5	-0.7	-0.5	-0.6
1979	AN	-0.4	-0.2	-0.3	-0.3	-0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1980	W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1981	D	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1982	W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1983	W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1984	AN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1985	D	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1986	W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1987	C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1988	C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1989	C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1990	C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	44.8	0.0	0.0	0.0	0.0
1991	C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1992	C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	-0.1	-0.4	-0.1	-0.1	-0.1
1993	W	0.0	0.0	-0.1	0.0	-0.2	0.0	0.0	0.0	0.0	0.0	31.0	0.0	0.0	0.0
1994	C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	-0.3	-0.4	-0.1	-0.1
Average		2.5	0.0	0.0	0.0	8.6	29.0	9.6	-0.4	-0.3	20.2	22.3	0.2	0.1	0.0
Maximum		188.1	1.3	1.6	0.6	319.1	656.0	701.6	0.9	3.1	532.7	457.5	14.0	10.8	3.4
Minimum		-24.1	-2.0	-2.0	-2.0	-1.9	-2.1	-0.5	-29.8	-29.7	-94.6	-58.2	-2.7	-2.8	-2.8
Average by Year Type															
W		0.6	-0.1	-0.1	-0.1	12.8	-0.1	0.1	-1.4	-1.4	-4.6	-2.4	0.1	-0.1	-0.1
AN		13.4	0.0	0.0	0.0	0.0	46.9	-0.1	-0.3	0.0	32.2	76.6	0.0	0.0	0.0
BN		0.7	0.0	0.0	0.0	4.9	0.0	0.0	0.0	0.2	28.4	0.9	1.1	0.8	0.3
D		-2.2	0.0	0.0	-0.1	28.9	133.1	63.8	0.0	0.0	55.3	54.2	-0.3	-0.2	0.0
C		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.5	0.0	0.0	0.2	-0.2

Water year types are based on San Joaquin Valley Index (W: Wet; AN: Above Normal; BN: Below Normal; D: Dry; C: Critical)
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Table D-78. San Joaquin River at Vernalis: Difference in Percentage (Alt 2 minus Base)

Water Year	Year Type	Oct	Nov	Dec	Jan	Feb	Mar	Apr 1-14	Apr 15-30	May 1-15	May 16-31	Jun	Jul	Aug	Sep
1922	W	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1923	AN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1924	C	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1925	BN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1926	D	0.0%	0.0%	0.0%	0.0%	0.0%	29.5%	0.0%	0.0%	0.0%	30.5%	0.0%	0.0%	0.0%	0.0%
1927	AN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	15.2%	0.0%	0.0%	0.0%	0.0%
1928	BN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%	0.0%	0.0%
1929	C	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%
1930	C	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%
1931	C	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	12.1%	0.0%	0.0%	0.0%	0.0%
1932	AN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	8.1%	0.0%	0.0%	0.0%
1933	D	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	1.2%	13.3%	0.0%	0.0%	0.0%
1934	C	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%	0.1%	0.0%
1935	AN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	15.4%	0.0%	0.0%	0.0%
1936	AN	10.9%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1937	W	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.3%	-0.3%	-1.2%	0.0%	0.0%	0.0%	0.0%
1938	W	-0.1%	-0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.3%	0.0%	0.0%	0.0%
1939	D	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	23.3%	0.0%	0.0%	0.0%
1940	AN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1941	W	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1942	W	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1943	W	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1944	BN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1945	AN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1946	AN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1947	D	0.0%	0.0%	0.0%	0.0%	0.0%	18.6%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%	0.0%	0.0%
1948	BN	0.0%	0.0%	0.0%	0.0%	4.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1949	BN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1950	BN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	14.1%	0.0%	0.0%	0.0%	0.0%
1951	AN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1952	W	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1953	BN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1954	BN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1955	D	0.0%	0.0%	0.0%	0.0%	16.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1956	W	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1957	BN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%	0.0%	0.0%
1958	W	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1959	D	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1960	C	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1961	C	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1962	BN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	2.6%	0.0%	0.0%	0.0%	0.0%
1963	AN	0.0%	0.0%	0.0%	0.0%	0.0%	23.7%	0.0%	0.0%	0.0%	0.0%	15.4%	0.0%	0.0%	0.0%
1964	D	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	4.3%	0.0%	-0.2%	-0.3%	-0.1%
1965	W	-0.6%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1966	BN	0.4%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.1%	0.6%	0.8%	0.6%	0.2%
1967	W	0.1%	0.1%	0.1%	0.0%	8.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1968	D	-0.4%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1969	W	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1970	AN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1971	BN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1972	D	0.0%	0.0%	0.0%	0.0%	0.0%	34.6%	44.5%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%
1973	AN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1974	W	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1975	W	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1976	C	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.1%	0.1%	0.1%	-0.2%
1977	C	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1978	W	1.5%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.2%	0.0%	0.0%	0.0%
1979	AN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1980	W	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1981	D	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1982	W	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1983	W	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1984	AN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1985	D	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1986	W	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1987	C	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1988	C	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1989	C	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1990	C	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	4.1%	0.0%	0.0%	0.0%	0.0%
1991	C	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1992	C	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1993	W	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.9%	0.0%	0.0%	0.0%
1994	C	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Average		0.2%	0.0%	0.0%	0.0%	0.4%	1.5%	0.6%	0.0%	0.0%	1.1%	1.0%	0.0%	0.0%	0.0%
Maximum		10.9%	0.1%	0.1%	0.0%	16.3%	34.6%	44.5%	0.0%	0.1%	30.5%	23.3%	0.8%	0.6%	0.2%
Minimum		-0.6%	-0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.3%	-0.3%	-1.2%	-0.3%	-0.2%	-0.3%	-0.2%
Average by Year Type															
W		0.0%	0.0%	0.0%	0.0%	0.4%	0.0%	0.0%	0.0%	0.0%	-0.1%	0.0%	0.0%	0.0%	0.0%
AN		0.8%	0.0%	0.0%	0.0%	0.0%	1.7%	0.0%	0.0%	0.0%	1.1%	2.8%	0.0%	0.0%	0.0%
BN		0.0%	0.0%	0.0%	0.0%	0.4%	0.0%	0.0%	0.0%	0.0%	1.4%	0.1%	0.1%	0.0%	0.0%
D		0.0%	0.0%	0.0%	0.0%	1.5%	7.5%	4.0%	0.0%	0.0%	3.3%	3.3%	0.0%	0.0%	0.0%
C		0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	1.0%	0.0%	0.0%	0.0%	0.0%

Water year types are based on San Joaquin Valley Index (W: Wet; AN: Above Normal; BN: Below Normal; D: Dry; C: Critical)

Table D-79. Newman Wasteway Flow: Alternative 2 in CFS

Water Year	Year Type	Oct	Nov	Dec	Jan	Feb	Mar	Apr 1-14	May 16-31	Jun	Jul	Aug	Sep
1922	W	0	0	0	0	0	0	0	0	0	0	0	0
1923	AN	0	0	0	0	0	0	0	0	0	0	0	0
1924	C	0	0	0	0	0	0	0	0	0	0	0	0
1925	BN	0	0	0	0	0	0	0	0	0	0	0	0
1926	D	0	0	0	0	0	520	0	533	0	0	0	0
1927	AN	0	0	0	0	0	0	0	451	0	0	0	0
1928	BN	0	0	0	0	0	0	0	0	0	0	0	0
1929	C	0	0	0	0	0	0	0	0	0	0	0	0
1930	C	0	0	0	0	0	0	0	0	0	0	0	0
1931	C	0	0	0	0	0	0	0	123	0	0	0	0
1932	AN	0	0	0	0	0	0	0	0	159	0	0	0
1933	D	0	0	0	0	0	0	0	17	166	0	0	0
1934	C	0	0	0	0	0	0	0	0	0	0	0	0
1935	AN	0	0	0	0	0	0	0	0	455	0	0	0
1936	AN	0	0	0	0	0	0	0	0	0	0	0	0
1937	W	0	0	0	0	0	0	0	0	0	0	0	0
1938	W	0	0	0	0	0	0	0	0	0	0	0	0
1939	D	0	0	0	0	0	0	0	0	430	0	0	0
1940	AN	0	0	0	0	0	0	0	0	0	0	0	0
1941	W	0	0	0	0	0	0	0	0	0	0	0	0
1942	W	0	0	0	0	0	0	0	0	0	0	0	0
1943	W	0	0	0	0	0	0	0	0	0	0	0	0
1944	BN	0	0	0	0	0	0	0	0	0	0	0	0
1945	AN	0	0	0	0	0	0	0	0	0	0	0	0
1946	AN	0	0	0	0	0	0	0	0	0	0	0	0
1947	D	0	0	0	0	0	358	0	0	0	0	0	0
1948	BN	0	0	0	0	59	0	0	0	0	0	0	0
1949	BN	0	0	0	0	0	0	0	0	0	0	0	0
1950	BN	0	0	0	0	0	0	0	281	0	0	0	0
1951	AN	0	0	0	0	0	0	0	0	0	0	0	0
1952	W	0	0	0	0	0	0	0	0	0	0	0	0
1953	BN	0	0	0	0	0	0	0	0	0	0	0	0
1954	BN	0	0	0	0	0	0	0	0	0	0	0	0
1955	D	0	0	0	0	319	0	0	0	0	0	0	0
1956	W	0	0	0	0	0	0	0	0	0	0	0	0
1957	BN	0	0	0	0	0	0	0	0	0	0	0	0
1958	W	0	0	0	0	0	0	0	0	0	0	0	0
1959	D	0	0	0	0	0	0	0	0	0	0	0	0
1960	C	0	0	0	0	0	0	0	0	0	0	0	0
1961	C	0	0	0	0	0	0	0	0	0	0	0	0
1962	BN	0	0	0	0	0	0	0	57	0	0	0	0
1963	AN	0	0	0	0	0	656	0	0	458	0	0	0
1964	D	0	0	0	0	0	0	0	59	0	0	0	0
1965	W	0	0	0	0	0	0	0	0	0	0	0	0
1966	BN	0	0	0	0	0	0	0	0	0	0	0	0
1967	W	0	0	0	0	253	0	0	0	0	0	0	0
1968	D	0	0	0	0	0	0	0	0	0	0	0	0
1969	W	0	0	0	0	0	0	0	0	0	0	0	0
1970	AN	0	0	0	0	0	0	0	0	0	0	0	0
1971	BN	0	0	0	0	0	0	0	0	0	0	0	0
1972	D	0	0	0	0	0	586	704	0	0	0	0	0
1973	AN	0	0	0	0	0	0	0	0	0	0	0	0
1974	W	0	0	0	0	0	0	0	0	0	0	0	0
1975	W	0	0	0	0	0	0	0	0	0	0	0	0
1976	C	0	0	0	0	0	0	0	0	0	0	0	0
1977	C	0	0	0	0	0	0	0	0	0	0	0	0
1978	W	0	0	0	0	0	0	0	0	0	0	0	0
1979	AN	0	0	0	0	0	0	0	0	0	0	0	0
1980	W	0	0	0	0	0	0	0	0	0	0	0	0
1981	D	0	0	0	0	0	0	0	0	0	0	0	0
1982	W	0	0	0	0	0	0	0	0	0	0	0	0
1983	W	0	0	0	0	0	0	0	0	0	0	0	0
1984	AN	0	0	0	0	0	0	0	0	0	0	0	0
1985	D	0	0	0	0	0	0	0	0	0	0	0	0
1986	W	0	0	0	0	0	0	0	0	0	0	0	0
1987	C	0	0	0	0	0	0	0	0	0	0	0	0
1988	C	0	0	0	0	0	0	0	0	0	0	0	0
1989	C	0	0	0	0	0	0	0	0	0	0	0	0
1990	C	0	0	0	0	0	0	0	45	0	0	0	0
1991	C	0	0	0	0	0	0	0	0	0	0	0	0
1992	C	0	0	0	0	0	0	0	0	0	0	0	0
1993	W	0	0	0	0	0	0	0	0	31	0	0	0
1994	C	0	0	0	0	0	0	0	0	0	0	0	0
Average		0	0	0	0	9	29	10	21	23	0	0	0
Maximum		0	0	0	0	319	656	704	533	458	0	0	0
Minimum		0	0	0	0	0	0	0	0	0	0	0	0
Average by Year Type													
W		0	0	0	0	13	0	0	0	2	0	0	0
AN		0	0	0	0	0	47	0	32	77	0	0	0
BN		0	0	0	0	5	0	0	28	0	0	0	0
D		0	0	0	0	29	133	64	55	54	0	0	0
C		0	0	0	0	0	0	0	10	0	0	0	0

Water year types are based on San Joaquin Valley Index (W: Wet; AN: Above Normal; BN: Below Normal; D: Dry; C: Critical)
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Table D-80. Stanislaus River Flow below Goodwin Reservoir: Alternative 2 in CFS

Water Year	Year Type	Oct	Nov	Dec	Jan	Feb	Mar	Apr 1-14	Apr 15-30	May 1-15	May 16-31	Jun	Jul	Aug	Sep
1922	W	354	212	212	137	389	279	388	1,500	1,500	1,412	222	372	467	240
1923	AN	627	279	279	279	279	297	826	1,500	1,500	974	244	342	428	244
1924	C	592	297	297	297	297	131	373	597	597	403	586	627	446	240
1925	BN	354	206	206	131	295	155	300	1,175	1,108	300	222	263	267	240
1926	D	358	226	226	155	155	133	265	876	949	265	446	684	299	240
1927	AN	354	208	208	133	288	252	300	1,218	1,500	378	222	263	267	240
1928	BN	462	252	252	252	252	253	300	1,500	1,500	431	222	317	341	240
1929	C	449	253	253	253	253	131	272	706	853	331	579	653	355	240
1930	C	354	206	206	131	131	128	256	639	787	338	612	677	312	240
1931	C	354	203	203	128	128	124	336	495	495	330	540	539	285	240
1932	AN	109	198	198	124	124	130	259	572	908	259	222	263	267	240
1933	D	354	205	205	130	130	124	248	495	832	248	412	406	422	240
1934	C	109	198	198	124	124	124	248	495	534	311	481	537	343	240
1935	AN	109	198	198	124	249	126	252	518	678	252	222	263	267	240
1936	AN	298	201	201	126	683	136	272	668	1,004	272	222	263	267	240
1937	W	354	211	211	136	351	255	300	1,273	1,273	556	222	263	267	240
1938	W	455	255	255	255	578	401	1,500	1,500	1,500	1,500	2,253	628	527	401
1939	D	3,883	425	544	644	657	287	581	1,500	1,500	1,219	843	972	967	545
1940	AN	494	287	287	287	287	322	1,158	1,500	1,500	1,158	487	350	425	272
1941	W	635	322	322	322	322	347	1,459	1,500	1,500	1,459	762	297	447	297
1942	W	766	347	347	347	347	401	1,500	1,500	1,500	1,500	825	628	527	401
1943	W	1,500	401	852	2,788	2,265	3,413	1,500	1,500	1,500	1,500	825	628	527	401
1944	BN	773	401	401	401	401	287	581	1,500	1,500	1,219	505	659	705	373
1945	AN	494	287	287	287	287	314	1,067	1,500	1,500	1,067	403	499	586	264
1946	AN	649	314	314	314	314	325	1,195	1,500	1,500	1,195	521	487	530	275
1947	D	576	325	325	325	325	149	405	863	1,199	496	778	880	364	240
1948	BN	354	224	224	149	149	135	271	658	994	271	222	267	331	240
1949	BN	354	210	210	135	135	133	266	729	996	266	222	359	382	240
1950	BN	354	208	208	133	146	137	273	678	1,014	273	222	275	310	240
1951	AN	354	212	271	554	2,037	926	1,393	1,500	1,500	1,393	702	291	291	291
1952	W	576	341	341	356	341	938	1,500	1,500	1,500	1,500	2,959	628	527	401
1953	BN	3,904	507	756	1,327	1,067	341	1,393	1,500	1,500	1,393	702	434	472	291
1954	BN	609	341	341	341	373	299	865	1,500	1,500	935	280	468	493	247
1955	D	592	299	299	299	299	138	333	693	961	275	607	769	381	240
1956	W	354	213	430	367	138	384	1,500	1,500	1,500	1,500	817	520	452	368
1957	BN	604	384	384	384	384	330	1,256	1,500	1,500	1,256	577	327	404	280
1958	W	614	330	330	330	333	401	1,500	1,500	1,500	1,500	825	628	527	401
1959	D	2,011	553	556	769	1,331	290	662	1,500	1,500	1,138	797	903	882	525
1960	C	523	290	290	290	290	132	264	644	904	345	649	755	289	240
1961	C	354	207	207	132	132	124	450	495	495	488	712	483	267	240
1962	BN	353	198	198	124	124	126	252	561	1,077	252	222	298	318	240
1963	AN	110	201	201	126	290	135	269	647	1,015	269	222	263	267	240
1964	D	354	210	210	135	135	131	261	608	898	261	567	653	327	240
1965	W	354	206	336	261	131	318	1,116	1,500	1,500	1,116	448	268	268	268
1966	BN	662	318	318	318	318	243	300	1,500	1,420	300	336	464	471	240
1967	W	438	248	248	243	243	401	1,500	1,500	1,500	1,500	825	628	527	401
1968	D	1,219	401	401	581	1,467	298	848	1,500	1,500	952	760	886	868	505
1969	W	538	298	298	298	402	401	1,500	1,500	1,774	1,774	3,398	628	527	401
1970	AN	3,382	611	1,230	4,853	2,558	1,070	1,430	1,500	1,500	1,430	736	400	428	294
1971	BN	615	344	344	344	344	329	1,249	1,500	1,500	1,249	570	501	534	279
1972	D	585	329	329	329	329	261	474	1,353	1,353	806	768	844	826	486
1973	AN	465	261	261	261	327	293	723	1,500	1,500	1,077	235	284	351	240
1974	W	625	293	293	293	293	370	1,500	1,500	1,500	1,500	946	430	390	340
1975	W	773	370	370	370	370	678	1,500	1,500	1,500	1,500	814	485	428	357
1976	C	773	378	378	378	378	247	461	1,184	1,500	507	744	812	815	333
1977	C	442	249	249	247	247	204	581	513	849	517	666	390	270	240
1978	W	354	201	201	212	174	212	300	1,076	1,076	300	222	263	267	240
1979	AN	410	241	241	212	252	292	717	1,500	1,500	1,083	235	263	301	240
1980	W	635	292	292	320	2,000	964	1,500	1,500	1,500	1,500	825	628	527	401
1981	D	773	401	401	443	559	292	696	1,500	1,500	1,104	756	880	857	496
1982	W	509	292	292	292	1,104	3,060	1,500	1,500	1,500	1,500	825	628	527	401
1983	W	5,025	2,523	2,919	4,150	4,744	5,460	1,500	1,500	1,500	1,500	4,082	2,406	668	1,052
1984	AN	5,498	3,298	4,687	2,629	2,376	1,333	1,497	1,500	1,500	1,497	798	526	583	300
1985	D	594	350	350	350	350	271	300	1,500	1,500	1,319	728	876	881	476
1986	W	584	271	271	271	271	2,804	1,500	1,500	1,500	1,500	825	628	527	401
1987	C	773	401	401	401	401	235	388	1,147	1,484	483	753	809	830	279
1988	C	431	246	246	235	235	147	415	543	543	422	642	675	267	240
1989	C	354	203	203	128	128	126	252	518	518	337	585	615	436	240
1990	C	354	201	201	126	126	124	294	495	495	332	520	545	292	240
1991	C	109	198	198	124	124	124	248	495	495	248	341	365	416	240
1992	C	109	198	198	124	124	124	248	495	495	248	451	442	267	240
1993	W	109	198	198	124	124	124	248	495	495	248	222	263	267	240
1994	C	109	198	198	124	124	124	272	810	651	248	439	544	267	240
Average		764	354	404	460	524	480	738	1,129	1,208	833	680	541	448	310
Maximum		5,498	3,298	4,687	4,853	4,744	5,460	1,500	1,500	1,774	1,774	4,082	2,406	967	1,052
Minimum		109	198	198	124	124	124	248	495	495	248	222	263	267	240
Average by Year Type															
W		778	391	451	593	746	1,080	1,240	1,417	1,431	1,318	1,157	593	460	383
AN		954	485	633	736	739	425	811	1,223	1,329	879	391	340	375	259
BN		783	299	320	337	332	231	609	1,192	1,301	679	358	386	419	263
D		1,027	338	349	378	521	216	461	1,126	1,245	735	678	796	643	385
C		387	245	245	203	203	147	335	642	731	368	581	592	385	249

Water year types are based on San Joaquin Valley Index (W: Wet; AN: Above Normal; BN: Below Normal; D: Dry; C: Critical)
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Table D-81. Stanislaus River Flow below Goodwin Reservoir: Difference in CFS (Alt 2 minus Base)

Water Year	Year Type	Oct	Nov	Dec	Jan	Feb	Mar	Apr 1-14	Apr 15-30	May 1-15	May 16-31	Jun	Jul	Aug	Sep
1922	W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1923	AN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1924	C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1925	BN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1926	D	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1927	AN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1928	BN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.6	-0.5	0.0
1929	C	0.0	0.0	0.0	0.0	0.0	0.0	0.2	-0.1	-0.1	0.2	0.4	0.5	0.1	0.0
1930	C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	-0.1	-0.2	-0.3	-0.4	0.7	0.0
1931	C	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	-0.1	0.1	-0.2	0.2	0.0
1932	AN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1933	D	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1934	C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	-0.2	-0.3	-0.4	0.7	0.0
1935	AN	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1936	AN	188.1	0.0	0.0	0.0	0.0	-0.2	-0.5	-3.5	-3.5	-0.5	0.0	0.0	0.0	0.0
1937	W	0.0	-0.2	-0.2	-0.2	0.0	-2.0	0.0	-29.9	-29.9	-94.8	0.0	0.0	0.0	0.0
1938	W	-3.9	-2.0	-2.0	-2.0	0.0	0.0	0.0	0.0	0.0	0.0	-58.0	0.0	0.0	0.0
1939	D	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1
1940	AN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0
1941	W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1942	W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1943	W	0.0	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1944	BN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1945	AN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1946	AN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1947	D	0.0	0.0	0.0	0.0	0.0	0.0	-0.2	0.0	0.0	-0.4	-0.6	-0.7	0.0	0.0
1948	BN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.3	0.0
1949	BN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	-0.1	0.0
1950	BN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1951	AN	0.0	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1952	W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1953	BN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1954	BN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1955	D	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	-0.2	0.0	0.4	0.5	0.0	0.0
1956	W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	-0.1	0.0
1957	BN	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	-0.1	-0.1	-0.7	-0.5	0.0
1958	W	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1959	D	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1960	C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1961	C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1962	BN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1963	AN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1964	D	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	-0.3	0.0	0.6	-1.9	-2.2	0.0
1965	W	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.3	0.3	0.0	0.0	0.0
1966	BN	0.1	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.5	0.0	8.3	10.0	7.7	0.0
1967	W	0.1	0.0	0.0	0.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1968	D	-23.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1969	W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1970	AN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1971	BN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1972	D	0.0	0.0	0.0	0.0	0.0	0.0	-1.7	0.0	0.0	0.0	0.0	0.0	0.0	0.8
1973	AN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1974	W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1975	W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1976	C	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.6	0.9	1.1	0.9
1977	C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1978	W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1979	AN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1980	W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1981	D	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1982	W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1983	W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1984	AN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1985	D	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1986	W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1987	C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1988	C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1989	C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1990	C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1991	C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1992	C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.3	0.0	0.0	0.0
1993	W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1994	C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.2	-0.3	0.0	0.0
Average		2.2	0.0	0.0	0.0	0.0	0.0	0.0	-0.5	-0.5	-1.3	-0.7	0.1	0.1	0.0
Maximum		188.1	0.0	0.0	0.6	0.3	0.2	0.4	0.3	0.5	0.6	8.3	10.0	7.7	0.8
Minimum		-23.7	-2.0	-2.0	-2.0	0.0	-2.0	-1.7	-29.9	-29.9	-94.8	-58.0	-1.9	-2.2	-3.1
Average by Year Type															
W		-0.2	-0.1	-0.1	-0.1	0.0	-0.1	0.0	-1.5	-1.5	-4.7	-2.9	0.0	0.0	0.0
AN		13.4	0.0	0.0	0.0	0.0	0.0	0.0	-0.3	-0.3	0.0	0.0	0.0	0.0	0.0
BN		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.7	0.6	0.0
D		-2.1	0.0	0.0	0.0	0.0	0.0	-0.2	0.0	0.0	0.0	0.0	-0.2	-0.2	0.1
C		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	-0.2

Water year types are based on San Joaquin Valley Index (W: Wet; AN: Above Normal; BN: Below Normal; D: Dry; C: Critical)
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Table D-82. Stanislaus River Flow below Goodwin Reservoir: Difference in Percentage (Alt 2 minus Base)

Water Year	Year Type	Oct	Nov	Dec	Jan	Feb	Mar	Apr 1-14	Apr 15-30	May 1-15	May 16-31	Jun	Jul	Aug	Sep
1922	W	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1923	AN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1924	C	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1925	BN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1926	D	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1927	AN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1928	BN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.2%	-0.1%	0.0%
1929	C	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%	0.1%	0.1%	0.1%	0.0%	0.0%
1930	C	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%	0.0%	-0.1%	0.2%	0.0%
1931	C	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%
1932	AN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1933	D	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1934	C	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%	-0.1%	-0.1%	0.2%	0.0%
1935	AN	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1936	AN	171.0%	0.0%	0.0%	0.0%	0.0%	-0.2%	-0.2%	-0.5%	-0.3%	-0.2%	0.0%	0.0%	0.0%	0.0%
1937	W	0.0%	-0.1%	-0.1%	-0.2%	0.0%	-0.8%	0.0%	-2.3%	-2.3%	-14.6%	0.0%	0.0%	0.0%	0.0%
1938	W	-0.9%	-0.8%	-0.8%	-0.8%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-2.5%	0.0%	0.0%	0.0%
1939	D	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1940	AN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1941	W	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1942	W	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1943	W	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1944	BN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1945	AN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1946	AN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1947	D	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%	0.0%	0.0%	-0.1%	-0.1%	-0.1%	0.0%	0.0%
1948	BN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.2%	0.1%	0.0%
1949	BN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1950	BN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1951	AN	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1952	W	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1953	BN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1954	BN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1955	D	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%	0.0%	0.1%	0.1%	0.0%	0.0%
1956	W	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1957	BN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.2%	-0.1%	0.0%
1958	W	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1959	D	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1960	C	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1961	C	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1962	BN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1963	AN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1964	D	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	-0.3%	-0.7%	0.0%
1965	W	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%	0.0%
1966	BN	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	2.5%	2.2%	1.7%	0.0%
1967	W	0.0%	0.0%	0.0%	0.1%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1968	D	-1.9%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1969	W	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1970	AN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1971	BN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1972	D	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.2%
1973	AN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1974	W	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1975	W	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1976	C	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%	0.1%	0.1%	0.1%	0.1%	-0.9%
1977	C	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1978	W	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1979	AN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1980	W	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1981	D	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1982	W	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1983	W	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1984	AN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1985	D	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1986	W	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1987	C	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1988	C	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1989	C	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1990	C	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1991	C	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1992	C	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%	0.0%	0.0%	0.0%
1993	W	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1994	C	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%	-0.1%	0.0%	0.0%
Average		2.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.2%	0.0%	0.0%	0.0%	0.0%
Maximum		171.0%	0.0%	0.0%	0.1%	0.1%	0.1%	0.1%	0.0%	0.0%	0.1%	2.5%	2.2%	1.7%	0.2%
Minimum		-1.9%	-0.8%	-0.8%	-0.8%	0.0%	-0.8%	-0.3%	-2.3%	-2.3%	-14.6%	-2.5%	-0.3%	-0.7%	-0.9%
Average by Year Type															
W		0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%	-0.1%	-0.7%	-0.1%	0.0%	0.0%	0.0%
AN		12.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
BN		0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.2%	0.2%	0.1%	0.0%
D		-0.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%	0.0%
C		0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%

Water year types are based on San Joaquin Valley Index (W: Wet; AN: Above Normal; BN: Below Normal; D: Dry; C: Critical)

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Table D-83. Tuolumne River Flow below New Don Pedro Reservoir: Alternative 2 in CFS

Water Year	Year Type	Oct	Nov	Dec	Jan	Feb	Mar	Apr 1-14	Apr 15-30	May 1-15	May 16-31	Jun	Jul	Aug	Sep
1922	W	1,059	1,020	929	487	507	3,237	3,709	4,011	4,035	2,573	7,587	3,297	2,660	1,989
1923	AN	1,246	1,020	2,067	3,568	2,334	1,417	3,514	4,011	4,321	2,523	2,726	2,923	2,660	1,785
1924	C	1,059	1,020	929	487	420	861	1,499	1,679	1,901	1,721	1,821	1,917	1,733	1,094
1925	BN	616	582	527	262	357	880	2,152	3,128	3,704	2,237	2,331	2,601	2,558	1,603
1926	D	914	895	804	362	330	876	1,830	2,433	3,052	1,959	2,271	2,343	2,179	1,380
1927	AN	762	690	622	290	357	1,063	2,549	4,011	4,321	2,523	2,726	2,923	2,660	1,785
1928	BN	1,059	1,020	929	487	500	4,000	3,780	4,095	3,230	2,242	2,331	2,601	2,558	1,603
1929	C	906	900	809	367	304	741	1,499	2,029	2,587	1,721	1,821	1,917	1,733	1,094
1930	C	640	582	527	262	274	711	1,499	2,029	2,587	1,721	1,821	1,917	1,733	1,094
1931	C	640	582	527	262	274	711	1,499	1,679	1,901	1,721	1,821	1,917	1,733	1,094
1932	AN	616	582	527	262	350	1,063	2,413	3,875	4,321	2,523	2,726	2,923	2,660	1,785
1933	D	1,059	1,020	929	487	455	1,001	1,860	2,444	2,909	1,989	2,271	2,343	2,179	1,380
1934	C	819	720	652	320	304	741	1,499	1,679	1,901	1,721	1,821	1,917	1,733	1,094
1935	AN	616	582	527	262	357	1,063	2,413	3,875	3,985	2,523	2,726	2,923	2,660	1,785
1936	AN	1,059	1,020	929	487	500	1,213	3,568	4,011	4,018	2,523	3,131	2,923	2,660	1,785
1937	W	1,059	1,020	929	487	2,709	4,430	3,988	4,011	3,985	2,523	3,131	2,923	2,660	1,785
1938	W	1,059	1,020	1,862	2,270	6,336	7,577	5,903	5,903	7,492	7,492	6,364	4,273	2,660	2,679
1939	D	1,806	1,020	929	487	505	2,350	2,754	2,976	2,991	1,959	2,246	2,318	2,154	1,355
1940	AN	762	690	622	290	874	5,476	3,880	4,011	4,261	2,523	2,726	2,923	2,660	1,785
1941	W	1,059	1,020	929	952	4,996	4,759	4,584	4,584	4,380	2,918	3,202	3,297	2,660	1,989
1942	W	1,213	1,020	1,860	3,816	4,056	3,303	4,343	4,343	4,380	3,892	3,131	3,297	2,660	1,959
1943	W	1,213	1,020	1,502	5,041	4,182	6,037	3,981	4,011	3,985	2,523	2,726	2,923	2,660	1,785
1944	BN	1,059	1,020	929	487	500	1,322	2,472	3,715	3,617	2,237	2,331	2,601	2,558	1,603
1945	AN	914	895	804	362	1,055	3,754	3,310	4,011	3,985	2,523	2,726	2,923	2,660	1,785
1946	AN	1,059	1,020	2,701	2,420	2,904	3,156	3,402	4,128	4,466	2,523	2,726	2,923	2,660	1,785
1947	D	1,059	1,020	929	487	455	1,001	1,830	2,360	2,489	1,959	2,246	2,318	2,154	1,355
1948	BN	762	690	622	290	350	880	2,157	2,741	2,826	2,242	2,331	2,601	2,558	1,603
1949	BN	906	900	809	367	387	910	2,157	2,741	3,162	2,242	2,331	2,601	2,558	1,603
1950	BN	906	900	809	367	387	910	2,152	3,128	3,549	2,237	2,331	2,601	2,558	1,603
1951	AN	914	895	2,243	3,923	3,759	2,758	2,608	4,326	4,342	2,523	2,726	2,923	2,660	1,785
1952	W	1,059	1,020	929	487	1,885	4,643	5,697	5,697	4,380	3,647	6,263	4,138	2,660	2,654
1953	BN	1,515	1,020	929	2,722	1,950	2,059	2,824	3,521	3,612	2,237	2,331	2,601	2,558	1,603
1954	BN	914	895	804	362	382	905	3,051	3,400	3,549	2,237	2,331	2,601	2,558	1,603
1955	D	914	895	804	362	330	876	1,830	2,433	2,562	1,959	2,271	2,343	2,179	1,380
1956	W	762	690	622	7,256	4,083	3,445	3,339	4,187	4,597	2,717	4,726	3,363	2,660	2,399
1957	BN	1,646	1,020	929	487	647	3,187	2,424	3,481	3,618	2,237	2,331	2,601	2,558	1,603
1958	W	914	895	804	362	382	5,013	6,552	6,552	4,380	3,431	6,602	3,362	2,660	2,430
1959	D	1,476	1,020	929	487	1,281	2,014	2,318	2,874	2,838	1,959	2,271	2,343	2,179	1,380
1960	C	762	690	622	290	270	711	1,499	1,826	2,384	1,721	1,821	1,917	1,733	1,094
1961	C	616	582	527	262	274	711	1,499	1,679	1,901	1,721	1,821	1,917	1,733	1,094
1962	BN	616	582	527	262	357	880	2,152	3,128	3,818	2,237	2,331	2,601	2,558	1,603
1963	AN	914	895	804	362	382	1,088	2,413	3,875	4,321	2,523	2,726	2,923	2,660	1,785
1964	D	1,059	1,020	929	487	450	1,001	1,837	2,367	2,825	1,959	2,246	2,318	2,154	1,355
1965	W	762	690	1,337	5,490	3,791	3,200	4,394	4,394	3,985	2,523	2,726	2,923	2,660	1,959
1966	BN	1,213	1,480	3,145	2,157	2,348	2,308	2,485	3,328	3,230	2,242	2,331	2,601	2,558	1,603
1967	W	906	900	809	367	387	4,387	5,466	5,466	4,380	2,918	5,519	7,075	2,660	2,840
1968	D	1,517	1,020	929	487	943	2,220	2,417	2,817	2,899	1,959	2,271	2,343	2,179	1,380
1969	W	762	690	622	4,571	6,493	4,941	6,381	6,381	6,473	6,473	9,716	4,533	2,660	2,678
1970	AN	1,880	1,020	1,232	6,298	3,749	3,911	2,677	4,011	4,590	2,523	2,726	2,923	2,660	1,785
1971	BN	1,059	1,020	929	487	876	2,426	2,515	3,590	3,615	2,237	2,331	2,601	2,558	1,603
1972	D	914	895	804	362	325	936	1,837	2,367	2,489	1,959	2,246	2,318	2,154	1,355
1973	AN	762	690	622	290	2,612	3,736	2,735	4,011	3,985	2,523	2,726	2,923	2,660	1,785
1974	W	1,059	1,020	929	2,916	2,082	3,379	4,300	4,300	3,985	2,523	2,772	2,923	2,660	1,785
1975	W	1,059	1,020	929	487	816	4,684	3,321	4,011	3,985	2,523	3,633	3,297	2,660	1,959
1976	C	1,465	1,020	929	487	420	861	1,499	1,826	2,081	1,721	1,821	1,917	1,733	1,094
1977	C	616	582	527	262	274	711	1,499	1,679	1,901	1,721	1,821	1,917	1,733	1,094
1978	W	616	582	527	262	357	1,063	2,413	3,875	3,985	2,523	2,726	2,923	2,660	1,959
1979	AN	1,213	1,020	929	1,611	4,234	4,469	3,359	4,011	3,985	2,523	2,726	2,923	2,660	1,785
1980	W	1,059	1,020	929	4,652	7,229	4,366	3,992	4,011	4,279	2,817	4,106	5,028	2,660	2,853
1981	D	1,551	1,020	929	487	455	2,368	2,572	2,887	2,976	1,989	2,271	2,343	2,179	1,380
1982	W	819	720	652	3,518	6,713	5,959	9,090	9,090	4,675	4,675	6,699	4,637	2,660	4,007
1983	W	4,069	2,527	4,836	5,555	6,959	9,411	5,580	5,580	4,380	3,127	12,167	9,631	3,055	4,933
1984	AN	2,237	4,910	6,813	4,064	3,827	3,558	2,549	4,326	4,389	2,523	2,726	2,923	2,660	1,785
1985	D	1,059	1,020	929	487	455	1,001	1,867	2,451	2,909	1,989	2,271	2,343	2,179	1,380
1986	W	819	720	652	320	7,172	7,427	3,490	4,011	4,144	2,682	4,797	3,292	2,660	1,959
1987	C	1,213	1,020	929	487	424	861	1,499	1,826	2,048	1,721	1,821	1,917	1,733	1,094
1988	C	616	582	527	262	270	711	1,499	1,679	1,901	1,721	1,821	1,917	1,733	1,094
1989	C	616	582	527	262	274	711	1,499	1,826	2,048	1,721	1,821	1,917	1,733	1,094
1990	C	616	582	527	262	274	711	1,499	1,826	2,048	1,721	1,821	1,917	1,733	1,094
1991	C	616	582	527	262	274	711	1,499	1,826	2,048	1,721	1,821	1,917	1,733	1,094
1992	C	616	582	527	262	270	711	1,499	1,826	2,048	1,721	1,821	1,917	1,733	1,094
1993	W	616	582	527	262	357	1,063	2,413	3,875	3,985	2,523	2,726	2,923	2,660	1,785
1994	C	1,059	1,020	929	487	424	861	1,499	2,029	2,619	1,721	1,821	1,917	1,733	1,094
Average		1,032	941	1,052	1,275	1,628	2,444	2,898	3,454	3,501	2,444	3,039	2,857	2,372	1,715
Maximum		4,069	4,910	6,813	7,256	7,229	9,411	9,090	9,090	7,492	7,492	12,167	9,631	3,055	4,933
Minimum		616	582	527	262	270	711	1,499	1,679	1,901	1,721	1,821	1,917	1,733	1,094
Average by Year Type															
W		1,097	960	1,156	2,478	3,575	4,616	4,647	4,915	4,494	3,351	5,066	4,003	2,680	2,419
AN		1,068	1,138	1,531	1,749	1,950	2,695	2,956	4,035	4,235	2,523	2,755	2,923	2,660	1,785
BN		1,022	927	991	728	753	1,722	2,527	3,333	3,461	2,239	2,331	2,601	2,558	1,603
D		1,212	986	895	453	544	1,422	2,086							

Table D-84. Tuolumne River Flow below New Don Pedro Reservoir: Difference in CFS (Alt 2 minus Base)

Water Year	Year Type	Oct	Nov	Dec	Jan	Feb	Mar	Apr 1-14	Apr 15-30	May 1-15	May 16-31	Jun	Jul	Aug	Sep
1922	W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1923	AN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1924	C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1925	BN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1926	D	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1927	AN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1928	BN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1929	C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1930	C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1931	C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1932	AN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1933	D	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1934	C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1935	AN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1936	AN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.5	0.0	0.0	0.0	0.0	0.0
1937	W	0.0	0.0	0.0	0.0	-1.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1938	W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1939	D	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1940	AN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1941	W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1942	W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1943	W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1944	BN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1945	AN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1946	AN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1947	D	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1948	BN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1949	BN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1950	BN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1951	AN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1952	W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1953	BN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1954	BN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1955	D	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1956	W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1957	BN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1958	W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1959	D	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1960	C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1961	C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1962	BN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1963	AN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1964	D	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1965	W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1966	BN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1967	W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1968	D	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1969	W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1970	AN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1971	BN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1972	D	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1973	AN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1974	W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1975	W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1976	C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.4	0.0	0.0	0.0	0.0	0.0
1977	C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1978	W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1979	AN	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1980	W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1981	D	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1982	W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1983	W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1984	AN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1985	D	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1986	W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1987	C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1988	C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1989	C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1990	C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1991	C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1992	C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1993	W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1994	C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0
Average		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Maximum		0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	3.5	0.0	0.0	0.0	0.0	0.0
Minimum		0.0	0.0	0.0	0.0	-1.9	0.0	0.0	0.0	-0.4	0.0	0.0	0.0	0.0	0.0
Average by Year Type															
W		0.0	0.0	0.0	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
AN		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0
BN		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
D		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
C		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Water year types are based on San Joaquin Valley Index (W: Wet; AN: Above Normal; BN: Below Normal; D: Dry; C: Critical)
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Table D-85. Tuolumne River Flow below New Don Pedro Reservoir: Difference in Percentage (Alt 2 minus Base)

Water Year	Year Type	Oct	Nov	Dec	Jan	Feb	Mar	Apr 1-14	Apr 15-30	May 1-15	May 16-31	Jun	Jul	Aug	Sep
1922	W	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1923	AN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1924	C	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1925	BN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1926	D	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1927	AN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1928	BN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1929	C	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1930	C	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1931	C	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1932	AN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1933	D	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1934	C	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1935	AN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1936	AN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%
1937	W	0.0%	0.0%	0.0%	0.0%	-0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1938	W	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1939	D	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1940	AN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1941	W	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1942	W	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1943	W	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1944	BN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1945	AN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1946	AN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1947	D	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1948	BN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1949	BN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1950	BN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1951	AN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1952	W	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1953	BN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1954	BN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1955	D	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1956	W	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1957	BN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1958	W	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1959	D	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1960	C	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1961	C	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1962	BN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1963	AN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1964	D	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1965	W	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1966	BN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1967	W	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1968	D	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1969	W	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1970	AN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1971	BN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1972	D	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1973	AN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1974	W	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1975	W	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1976	C	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1977	C	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1978	W	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1979	AN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1980	W	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1981	D	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1982	W	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1983	W	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1984	AN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1985	D	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1986	W	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1987	C	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1988	C	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1989	C	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1990	C	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1991	C	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1992	C	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1993	W	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1994	C	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Average		0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Maximum		0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%
Minimum		0.0%	0.0%	0.0%	0.0%	-0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Average by Year Type															
W		0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
AN		0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
BN		0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
D		0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
C		0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%

Water year types are based on San Joaquin Valley Index (W: Wet; AN: Above Normal; BN: Below Normal; D: Dry; C: Critical)

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Table D-86. Merced River Flow below Lake McClure: Alternative 2 in CFS

Water Year	Year Type	Oct	Nov	Dec	Jan	Feb	Mar	Apr 1-14	Apr 15-30	May 1-15	May 16-31	Jun	Jul	Aug	Sep
1922	W	455	185	179	130	369	902	1,403	1,403	3,583	3,583	5,702	2,202	1,769	1,153
1923	AN	2,336	168	858	1,087	903	662	1,450	2,101	2,541	2,026	2,119	2,173	1,748	1,222
1924	C	382	191	134	184	217	594	1,304	1,494	2,190	1,745	1,818	1,719	1,267	855
1925	BN	322	134	125	141	72	662	1,450	2,238	2,705	2,033	2,126	2,173	1,748	1,151
1926	D	398	211	195	70	126	667	1,412	2,199	2,681	2,009	2,099	2,145	1,688	931
1927	AN	345	34	125	60	72	662	1,450	1,928	2,750	2,033	2,126	2,173	1,748	1,249
1928	BN	519	243	195	228	209	732	1,491	2,420	2,882	2,025	2,082	2,080	1,639	1,205
1929	C	423	161	134	184	225	594	1,297	2,085	2,125	1,739	1,854	1,888	1,420	995
1930	C	140	128	90	120	99	350	904	1,323	1,313	1,218	1,309	1,332	981	692
1931	C	236	199	93	146	189	447	911	911	1,218	1,218	1,292	452	11	2
1932	AN	8	78	125	141	70	662	1,487	1,723	2,829	2,033	2,126	2,173	1,748	1,099
1933	D	366	216	173	130	126	667	1,462	2,170	2,127	2,002	2,099	2,145	1,503	914
1934	C	366	146	146	195	189	447	904	1,148	1,799	1,218	1,292	1,147	828	29
1935	AN	24	134	125	141	72	662	1,450	1,450	2,836	1,996	2,154	2,173	1,698	1,065
1936	AN	329	125	112	190	2,018	662	1,689	1,689	3,703	2,862	2,126	2,173	1,730	1,082
1937	W	801	139	179	249	4,072	1,111	1,403	1,403	3,920	3,920	2,208	2,202	1,719	1,049
1938	W	1,479	141	2,087	1,087	4,324	4,303	1,904	1,904	5,195	5,195	6,390	2,225	1,769	1,529
1939	D	3,329	235	195	319	507	691	1,541	2,329	3,098	2,090	2,200	2,174	1,527	1,092
1940	AN	361	77	62	141	70	662	1,457	1,699	2,625	2,043	2,126	2,173	1,630	1,065
1941	W	439	132	179	753	2,649	1,500	1,403	1,403	3,780	3,780	3,961	2,197	1,769	1,197
1942	W	2,777	185	1,132	1,396	1,479	634	1,403	1,501	2,779	2,178	3,982	2,196	1,769	1,183
1943	W	2,889	408	641	2,307	1,659	2,869	1,701	1,701	2,675	2,675	2,082	2,202	1,769	1,118
1944	BN	1,315	167	146	228	777	732	1,516	2,637	2,671	2,018	2,075	2,080	1,555	1,049
1945	AN	312	168	174	190	1,222	856	1,450	1,450	2,867	2,026	2,119	2,173	1,748	1,118
1946	AN	1,591	492	1,699	908	579	662	1,455	2,243	2,854	2,039	2,126	2,173	1,630	1,065
1947	D	398	269	228	130	634	667	1,462	1,924	2,356	2,009	2,082	2,077	1,503	897
1948	BN	415	185	98	179	174	732	1,479	1,853	2,453	2,012	2,075	2,080	1,521	1,049
1949	BN	415	161	138	179	216	732	1,516	2,304	2,411	2,025	2,082	2,080	1,470	1,049
1950	BN	195	161	138	228	216	732	1,509	2,095	2,255	2,025	2,082	2,080	1,454	896
1951	AN	89	185	179	585	1,299	634	1,440	2,267	2,970	2,004	2,091	2,202	1,617	1,049
1952	W	455	127	179	130	204	1,538	1,497	1,497	5,242	5,242	4,112	2,210	1,769	1,218
1953	BN	2,924	166	275	990	507	732	1,523	2,310	2,691	2,018	2,075	2,080	1,486	1,049
1954	BN	415	161	133	228	216	732	1,502	2,290	2,369	2,018	2,082	2,080	1,454	1,049
1955	D	382	211	228	130	126	667	1,455	1,981	2,269	1,989	2,099	2,145	1,503	327
1956	W	24	49	130	406	1,376	634	1,435	2,223	2,988	1,979	3,085	2,202	1,769	1,213
1957	BN	2,808	202	133	228	604	732	1,529	2,317	2,611	1,999	2,075	2,080	1,504	1,049
1958	W	455	127	179	130	189	634	1,759	1,759	4,688	4,688	3,911	2,204	1,769	1,235
1959	D	2,696	188	138	244	774	691	1,560	2,710	2,712	2,090	2,200	2,090	1,527	1,092
1960	C	382	128	93	146	183	447	892	1,680	1,586	1,205	1,292	1,213	795	536
1961	C	268	151	146	135	189	447	904	904	1,218	1,218	1,292	1,163	846	473
1962	BN	8	49	109	125	72	662	1,487	2,275	2,808	2,039	2,133	2,173	1,714	1,065
1963	AN	361	110	116	190	108	662	1,450	2,073	2,552	1,989	2,119	2,166	1,748	1,082
1964	D	398	269	228	130	122	667	1,455	2,243	2,170	2,002	2,099	2,127	1,503	931
1965	W	368	151	130	81	153	634	1,403	1,403	2,826	1,986	2,077	2,202	1,769	1,160
1966	BN	642	1,012	740	681	579	716	1,462	2,612	2,630	2,009	2,082	2,095	1,535	950
1967	W	455	185	179	130	189	634	1,403	1,403	3,663	3,663	6,115	3,642	1,797	1,745
1968	D	3,113	189	195	244	632	691	1,555	2,705	2,712	2,090	2,200	2,158	1,578	1,092
1969	W	407	151	130	81	2,418	1,650	2,491	2,491	7,205	7,205	5,661	2,226	1,769	1,456
1970	AN	3,298	101	515	2,600	1,191	753	1,499	2,287	2,747	2,051	2,149	2,129	1,618	1,099
1971	BN	415	218	195	228	216	732	1,529	2,317	2,706	2,018	2,075	2,080	1,537	1,065
1972	D	366	235	228	130	122	667	1,467	1,683	2,455	2,015	2,099	2,095	1,519	1,054
1973	AN	317	202	114	146	108	651	1,464	1,464	2,829	1,989	2,136	2,145	1,704	1,134
1974	W	431	118	114	138	669	1,143	1,496	1,496	2,746	2,623	2,321	2,226	1,802	1,151
1975	W	1,537	124	211	198	1,947	1,098	1,428	1,428	2,743	2,036	3,535	2,243	1,818	1,205
1976	C	2,123	218	163	215	234	618	1,272	1,820	2,034	1,778	1,803	1,654	1,260	780
1977	C	359	145	59	102	138	194	412	945	748	477	600	427	234	160
1978	W	244	110	195	195	162	569	1,311	1,311	1,887	1,887	5,672	2,472	1,737	2,300
1979	AN	3,205	168	141	1,528	1,875	1,241	1,450	1,461	3,206	2,377	2,133	2,173	1,748	1,134
1980	W	527	135	179	4,269	4,436	1,567	1,444	1,444	2,363	2,125	3,646	2,202	1,769	1,430
1981	D	3,125	220	165	130	313	667	1,455	2,560	2,686	2,015	2,082	2,095	1,569	931
1982	W	455	151	130	81	1,431	1,974	5,295	5,295	4,793	4,793	3,413	2,222	1,769	1,630
1983	W	3,879	1,384	2,284	3,055	3,910	5,209	1,403	1,403	4,349	4,349	9,638	5,571	1,818	2,923
1984	AN	3,439	1,702	3,292	1,543	1,376	634	1,447	2,328	2,925	2,017	2,091	2,202	1,617	1,049
1985	D	415	218	195	228	216	683	1,523	2,291	2,325	2,025	2,059	1,996	1,454	1,101
1986	W	361	134	125	141	628	3,661	1,489	1,489	2,846	2,846	2,920	2,173	1,748	1,118
1987	C	1,750	169	121	213	216	618	1,272	1,743	2,116	1,778	1,803	1,636	1,210	780
1988	C	343	202	146	195	183	447	899	1,190	1,709	1,218	1,292	1,264	795	538
1989	C	236	199	146	146	189	447	904	904	1,218	1,218	1,292	1,247	812	588
1990	C	285	185	91	195	189	447	904	904	1,218	1,218	1,292	1,282	795	536
1991	C	33	145	91	141	126	447	892	892	1,213	1,213	1,302	1,329	862	553
1992	C	285	185	90	195	183	447	901	901	1,215	1,215	1,291	1,270	846	553
1993	W	146	157	195	195	162	569	1,360	1,577	2,319	1,953	2,437	2,176	1,735	1,116
1994	C	2,504	188	131	186	225	594	1,299	2,087	2,119	1,732	1,827	1,727	1,233	855
Average		960	221	313	450	739	911	1,442	1,851	2,694	2,276	2,515	2,038	1,491	1,035
Maximum		3,879	1,702	3,292	4,269	4,436	5,209	5,295	5,295	7,205	7,205	9,638	5,571	1,818	2,923
Minimum		8	34	59	60	70	194	412	892	748	477	600	427	11	2
Average by Year Type															
W		929	215	438	758	1,621	1,642	1,722	1,777	3,629	3,435	4,143	2,460	1,770	1,406
AN		1,144	267	546	675	783	719	1,474	1,869	2,874	2,106	2,124	2,171	1,695	1,108
BN		866	238	202	305	321	719	1,499	2,306	2,599	2,020	2,087	2,097	1,552	1,052
D		1,362	224	197	171	336	675	1,486	2,254	2,508	2,030	2,120	2,113	1,534	942
C		632	171	117	169	186	474	992	1,308	1,565	1,338	1,416	1,297	887	558

Water year types are based on San Joaquin Valley Index (W: Wet; AN: Above Normal; BN: Below Normal; D: Dry; C: Critical)
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Table D-87. Merced River Flow below Lake McClure: Difference in CFS (Alt 2 minus Base)

Water Year	Year Type	Oct	Nov	Dec	Jan	Feb	Mar	Apr 1-14	Apr 15-30	May 1-15	May 16-31	Jun	Jul	Aug	Sep
1922	W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1923	AN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1924	C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1925	BN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1926	D	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1927	AN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1928	BN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1929	C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1930	C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0
1931	C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.0
1932	AN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.2	0.0	0.0	0.0	0.0	0.0
1933	D	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1934	C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	-0.1	0.0	0.0	0.0	0.0	-0.2
1935	AN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1936	AN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1937	W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1938	W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1939	D	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1940	AN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1941	W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1942	W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1943	W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1944	BN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1945	AN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1946	AN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1947	D	0.0	0.0	0.0	0.0	0.0	0.0	0.1	-0.1	0.0	0.0	0.0	0.0	0.0	0.0
1948	BN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1949	BN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1950	BN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1951	AN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1952	W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1953	BN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1954	BN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1955	D	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.1	0.0	0.0	0.0	0.0	0.0
1956	W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1957	BN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0
1958	W	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	-0.1	0.0	0.0	0.0	0.0	0.0	0.0
1959	D	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1960	C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1961	C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1962	BN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1963	AN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1964	D	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.0	0.0	0.0	0.0	0.0
1965	W	-9.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1966	BN	8.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1967	W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1968	D	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1969	W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1970	AN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1971	BN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1972	D	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.0	0.0	0.0	0.0	0.0	0.0
1973	AN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1974	W	0.0	0.0	0.0	-0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1975	W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1976	C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.2	0.2	0.0	0.0	0.0	0.0	0.0
1977	C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1978	W	24.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-25.0	0.0	0.0	0.0
1979	AN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1980	W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1981	D	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1982	W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1983	W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1984	AN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1985	D	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1986	W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1987	C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1988	C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1989	C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1990	C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1991	C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1992	C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1993	W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1994	C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Average		0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.3	0.0	0.0	0.0
Maximum		24.4	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.7	0.0	0.0	0.0	0.0	0.0
Minimum		-9.4	0.0	0.0	-0.3	0.0	0.0	-0.1	-0.2	-0.1	0.0	-25.0	-0.1	0.0	-0.2
Average by Year Type															
W		0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-1.3	0.0	0.0	0.0
AN		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
BN		0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
D		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0
C		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Water year types are based on San Joaquin Valley Index (W: Wet; AN: Above Normal; BN: Below Normal; D: Dry; C: Critical)
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Table D-88. Merced River Flow below Lake McClure: Difference in Percentage (Alt 2 minus Base)

Water Year	Year Type	Oct	Nov	Dec	Jan	Feb	Mar	Apr 1-14	Apr 15-30	May 1-15	May 16-31	Jun	Jul	Aug	Sep
1922	W	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1923	AN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1924	C	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1925	BN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1926	D	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1927	AN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1928	BN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1929	C	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1930	C	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1931	C	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1932	AN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1933	D	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1934	C	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.7%
1935	AN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1936	AN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1937	W	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1938	W	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1939	D	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1940	AN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1941	W	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1942	W	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1943	W	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1944	BN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1945	AN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1946	AN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1947	D	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1948	BN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1949	BN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1950	BN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1951	AN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1952	W	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1953	BN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1954	BN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1955	D	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1956	W	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1957	BN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1958	W	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1959	D	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1960	C	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1961	C	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1962	BN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1963	AN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1964	D	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1965	W	-2.5%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1966	BN	1.4%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1967	W	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1968	D	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1969	W	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1970	AN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1971	BN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1972	D	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1973	AN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1974	W	0.0%	0.0%	0.0%	-0.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1975	W	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1976	C	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1977	C	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1978	W	11.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.4%	0.0%	0.0%	0.0%
1979	AN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1980	W	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1981	D	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1982	W	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1983	W	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1984	AN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1985	D	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1986	W	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1987	C	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1988	C	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1989	C	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1990	C	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1991	C	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1992	C	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1993	W	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1994	C	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Average		0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Maximum		11.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Minimum		-2.5%	0.0%	0.0%	-0.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.4%	0.0%	0.0%	-0.7%
Average by Year Type															
W		0.4%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
AN		0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
BN		0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
D		0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
C		0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%

Water year types are based on San Joaquin Valley Index (W: Wet; AN: Above Normal; BN: Below Normal; D: Dry; C: Critical)

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