CALIFORNIA ENVIRONMENTAL PROTECTION AGENCY

REGIONAL WATER QUALITY CONTROL BOARD
CENTRAL VALLEY REGION

AMENDMENTS
TO
THE WATER QUALITY CONTROL PLAN FOR THE SACRAMENTO RIVER AND SAN JOAQUIN RIVER BASINS

FOR

THE CONTROL OF SALT AND BORON DISCHARGES INTO THE LOWER SAN JOAQUIN RIVER

DRAFT FINAL STAFF REPORT

Appendix F: DWRSIM Flow Data From CALFED Study 771 Used to Develop Load Allocations, Delta Mendota Canal Delivery Allocations, and Lower San Joaquin River Diversion Allocations

And

Appendix G: Linkage Analysis Flows, Salt Loads, Electrical Conductivity, and Boron Concentrations

July 2004

State of California

California Environmental Protection Agency

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CENTRAL VALLEY REGION

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THE CONTROL OF SALT AND BORON DISCHARGES INTO THE LOWER SAN JOAQUIN RIVER

Draft Final Staff Report
July 2004

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APPENDIX F: DWRSIM FLOW DATA FROM CALFED STUDY 771 USED TO DEVELOP LOAD ALLOCATIONS, DELTA MENDOTA CANAL DELIVERY ALLOCATIONS, AND LOWER SAN JOAQUIN RIVER DIVERSION ALLOCATIONS

DWRSIM Control Point 581, New Melones Vernalis Water Quality Release, Actual Diversion

January DWRSIM Flows (flows sorted in ascending order)

Wet		Above Normal		Below Normal		Dry		Critical	
Date	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**
Jan-58	0	Jan-27	0	Jan-25	0	Jan-26	0	Jan-61	0
Jan-22	0	Jan-63	0	Jan-62	0	Jan-72	0	Jan-89	0
Jan-67	0	Jan-35	0	Jan-49	0	Jan-55	0	Jan-30	0
Jan-86	0	Jan-32	0	Jan-48	0	Jan-33	0	Jan-34	0
Jan-78	0	Jan-45	0	Jan-50	0	Jan-85	0	Jan-90	0
Jan-75	0	Jan-73	0	Jan-54	0	Jan-64	0	Jan-31	0
Jan-37	0	Jan-36	0	Jan-71	0	Jan-68	0	Jan-91	0
Jan-93	0	Jan-40	0	Jan-57	0	Jan-47	0	Jan-60	0
Jan-41	0	Jan-23	0	Jan-28	0	Jan-59	0	Jan-77	0
Jan-52	0	Jan-79	0	Jan-44	0	Jan-39	0	Jan-92	0
Jan-38	0	Jan-46	0	Jan-66	0	Jan-81	0	Jan-29	0
Jan-74	0	Jan-51	0	Jan-53	0			Jan-88	0
Jan-42	0	Jan-84	0					Jan-94	0
Jan-65	0	Jan-70	0					Jan-24	0
Jan-82	0							Jan-87	0
Jan-43	0							Jan-76	0
Jan-69	0								
Jan-80	0								
Jan-56	0								
Jan-83	0								

DWRSIM Control Point 581, New Melones Vernalis Water Quality Release, Actual Diversion

February DWRSIM Flows (flows sorted in ascending order)

Wet		Above Normal		Below Normal		Dry		Critical	
Date	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**
Feb-67	0	Feb-35	0	Feb-49	0	Feb-33	0	Feb-61	0
Feb-58	0	Feb-23	0	Feb-48	0	Feb-55	0	Feb-89	0
Feb-78	0	Feb-27	0	Feb-50	0	Feb-72	0	Feb-90	0
Feb-93	0	Feb-63	0	Feb-25	0	Feb-85	0	Feb-30	0
Feb-22	0	Feb-32	0	Feb-54	0	Feb-64	0	Feb-29	0
Feb-52	0	Feb-73	0	Feb-28	0	Feb-26	0	Feb-34	0
Feb-74	0	Feb-40	0	Feb-71	0	Feb-47	0	Feb-88	0
Feb-75	0	Feb-46	0	Feb-57	0	Feb-81	0	Feb-77	0
Feb-65	0	Feb-45	0	Feb-44	0	Feb-39	0	Feb-91	0
Feb-42	0	Feb-51	0	Feb-62	0	Feb-68	0	Feb-31	0
Feb-37	0	Feb-79	0	Feb-66	0	Feb-59	0	Feb-60	0
Feb-43	0	Feb-70	0	Feb-53	0			Feb-92	0
Feb-56	0	Feb-36	0					Feb-24	0
Feb-41	0	Feb-84	0					Feb-87	0
Feb-82	0							Feb-94	0
Feb-38	0							Feb-76	0
Feb-86	0								
Feb-80	0								
Feb-69	0								
Feb-83	0								

DWRSIM Control Point 581, New Melones Vernalis Water Quality Release, Actual Diversion

March DWRSIM Flows (flows sorted in ascending order)

Wet		Above Normal		Below Normal		Dry		Critical	
Date	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**
Mar-22	0	Mar-32	0	Mar-48	0	Mar-33	0	Mar-31	0
Mar-93	0	Mar-27	0	Mar-25	0	Mar-85	0	Mar-61	0
Mar-65	0	Mar-35	0	Mar-50	0	Mar-26	0	Mar-90	0
Mar-42	0	Mar-36	0	Mar-54	0	Mar-47	0	Mar-77	0
Mar-56	0	Mar-63	0	Mar-62	0	Mar-55	0	Mar-88	0
Mar-37	0	Mar-23	0	Mar-49	0	Mar-39	0	Mar-34	0
Mar-67	0	Mar-46	0	Mar-28	0	Mar-64	0	Mar-89	0
Mar-74	0	Mar-51	0	Mar-44	0	Mar-72	0	Mar-92	0
Mar-75	0	Mar-45	0	Mar-57	0	Mar-81	0	Mar-29	0
Mar-41	0	Mar-84	0	Mar-66	0	Mar-68	0	Mar-60	0
Mar-52	0	Mar-73	0	Mar-53	0	Mar-59	0	Mar-30	0
Mar-78	0	Mar-70	0	Mar-71	0			Mar-94	0
Mar-58	0	Mar-79	0					Mar-24	0
Mar-82	0	Mar-40	0					Mar-91	0
Mar-80	0							Mar-76	0
Mar-69	0							Mar-87	0
Mar-43	0								
Mar-38	0								
Mar-86	0								
Mar-83	0								

DWRSIM Control Point 581, New Melones Vernalis Water Quality Release, Actual Diversion

April DWRSIM Flows (flows sorted in ascending order)

Wet		Above Normal		Below Normal		Dry		Critical	
Date	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**
Apr-22	0	Apr-32	0	Apr-62	0	Apr-39	0	Apr-91	3
Apr-37	0	Apr-73	0	Apr-44	0	Apr-85	0	Apr-60	5
Apr-75	0	Apr-63	0	Apr-25	0	Apr-59	0	Apr-92	6
Apr-65	0	Apr-79	0	Apr-28	0	Apr-26	0	Apr-87	7
Apr-80	0	Apr-45	0	Apr-48	0	Apr-81	0	Apr-76	7
Apr-74	0	Apr-36	0	Apr-54	0	Apr-68	0	Apr-89	7
Apr-42	0	Apr-27	0	Apr-49	0	Apr-72	3	Apr-94	8
Apr-43	0	Apr-35	0	Apr-50	0	Apr-47	5	Apr-30	8
Apr-56	0	Apr-40	0	Apr-57	0	Apr-55	6	Apr-29	9
Apr-93	0	Apr-23	0	Apr-66	0	Apr-64	6	Apr-34	10
Apr-41	0	Apr-70	0	Apr-53	0	Apr-33	7	Apr-88	11
Apr-86	0	Apr-46	0	Apr-71	0			Apr-61	12
Apr-52	0	Apr-51	0					Apr-90	12
Apr-58	0	Apr-84	0					Apr-24	12
Apr-67	0							Apr-31	14
Apr-78	0							Apr-77	16
Apr-38	0								
Apr-83	0								
Apr-69	0								
Apr-82	0								

DWRSIM Control Point 581, New Melones Vernalis Water Quality Release, Actual Diversion

May DWRSIM Flows (flows sorted in ascending order)

Wet		Above Normal		Below Normal		Dry		Critical	
Date	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**
May-74	0	May-45	0	May-44	0	May-39	0	May-60	9
May-75	0	May-46	0	May-49	0	May-81	0	May-94	9
May-42	0	May-63	0	May-66	0	May-85	0	May-76	9
May-22	0	May-32	0	May-48	0	May-68	0	May-91	10
May-65	0	May-35	0	May-25	0	May-59	0	May-87	10
May-43	0	May-73	0	May-28	0	May-26	2	May-30	10
May-56	0	May-79	0	May-62	0	May-55	4	May-89	11
May-93	0	May-36	0	May-54	0	May-72	5	May-29	11
May-80	0	May-27	0	May-57	0	May-33	8	May-88	13
May-37	0	May-23	0	May-50	0	May-64	8	May-92	13
May-41	0	May-40	0	May-53	0	May-47	9	May-24	14
May-86	0	May-70	0	May-71	0			May-90	14
May-78	0	May-51	0					May-61	15
May-58	0	May-84	0					May-34	15
May-82	0							May-77	16
May-67	0							May-31	16
May-52	0								
May-83	0								
May-38	0								
May-69	0								

DWRSIM Control Point 581, New Melones Vernalis Water Quality Release, Actual Diversion

June DWRSIM Flows (flows sorted in ascending order)

Wet		Above Normal		Below Normal		Dry		Critical	
Date	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**
Jun-37	0	Jun-23	0	Jun-57	0	Jun-68	21	Jun-92	0
Jun-65	0	Jun-45	0	Jun-53	0	Jun-81	24	Jun-34	18
Jun-74	0	Jun-46	0	Jun-71	0	Jun-59	25	Jun-31	21
Jun-43	0	Jun-51	0	Jun-54	4	Jun-39	26	Jun-91	26
Jun-42	0	Jun-70	0	Jun-44	8	Jun-85	27	Jun-90	27
Jun-78	0	Jun-73	0	Jun-48	10	Jun-72	27	Jun-76	29
Jun-93	0	Jun-84	0	Jun-25	12	Jun-47	31	Jun-87	30
Jun-75	0	Jun-63	0	Jun-28	16	Jun-55	34	Jun-94	33
Jun-80	0	Jun-35	0	Jun-66	18	Jun-26	35	Jun-30	36
Jun-56	0	Jun-40	0	Jun-50	21	Jun-64	37	Jun-29	36
Jun-22	0	Jun-27	4	Jun-49	22	Jun-33	37	Jun-60	36
Jun-41	0	Jun-79	5	Jun-62	24			Jun-89	37
Jun-86	0	Jun-36	9					Jun-24	37
Jun-82	0	Jun-32	19					Jun-88	38
Jun-58	0							Jun-61	38
Jun-52	0							Jun-77	38
Jun-67	0								
Jun-38	0								
Jun-69	0								
Jun-83	0								

DWRSIM Control Point 581, New Melones Vernalis Water Quality Release, Actual Diversion

July DWRSIM Flows (flows sorted in ascending order)

Wet		Above Normal		Below Normal		Dry		Critical	
Date	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**
Jul-41	0	Jul-45	2	Jul-57	9	Jul-33	7	Jul-91	0
Jul-58	0	Jul-40	4	Jul-53	9	Jul-64	22	Jul-90	0
Jul-75	0	Jul-84	4	Jul-71	9	Jul-81	25	Jul-34	0
Jul-43	0	Jul-46	4	Jul-44	10	Jul-68	25	Jul-31	0
Jul-56	0	Jul-23	5	Jul-54	11	Jul-59	25	Jul-77	0
Jul-42	0	Jul-73	7	Jul-28	18	Jul-39	25	Jul-94	0
Jul-78	0	Jul-51	7	Jul-25	18	Jul-72	26	Jul-92	0
Jul-52	0	Jul-70	7	Jul-66	18	Jul-85	26	Jul-61	1
Jul-82	0	Jul-79	10	Jul-48	19	Jul-47	29	Jul-88	10
Jul-38	0	Jul-63	11	Jul-49	22	Jul-26	33	Jul-24	13
Jul-80	0	Jul-27	14	Jul-50	22	Jul-55	34	Jul-89	16
Jul-69	0	Jul-35	16	Jul-62	24			Jul-30	17
Jul-67	0	Jul-36	18					Jul-29	18
Jul-83	0	Jul-32	22					Jul-60	27
Jul-74	2							Jul-76	29
Jul-86	3							Jul-87	29
Jul-22	4								
Jul-65	5								
Jul-93	12								
Jul-37	13								

DWRSIM Control Point 581, New Melones Vernalis Water Quality Release, Actual Diversion

August DWRSIM Flows (flows sorted in ascending order)

Wet		Above Normal		Below Normal		Dry		Critical	
Date	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**
Aug-52	0	Aug-84	2	Aug-53	9	Aug-64	0	Aug-92	0
Aug-69	0	Aug-46	4	Aug-57	10	Aug-33	0	Aug-29	0
Aug-82	0	Aug-40	5	Aug-71	10	Aug-55	1	Aug-30	0
Aug-83	0	Aug-45	6	Aug-54	10	Aug-26	5	Aug-91	0
Aug-41	1	Aug-70	7	Aug-44	11	Aug-47	20	Aug-90	0
Aug-42	1	Aug-51	7	Aug-66	18	Aug-81	26	Aug-34	0
Aug-58	2	Aug-23	9	Aug-28	19	Aug-68	26	Aug-31	0
Aug-38	2	Aug-73	10	Aug-25	20	Aug-59	26	Aug-89	0
Aug-43	3	Aug-79	12	Aug-48	20	Aug-39	26	Aug-61	0
Aug-75	4	Aug-27	16	Aug-50	21	Aug-85	27	Aug-88	0
Aug-56	6	Aug-63	19	Aug-62	22	Aug-72	28	Aug-24	0
Aug-74	6	Aug-35	21	Aug-49	22			Aug-77	0
Aug-67	6	Aug-36	21					Aug-60	0
Aug-86	6	Aug-32	24					Aug-94	0
Aug-80	8							Aug-87	29
Aug-22	8							Aug-76	30
Aug-65	9								
Aug-78	12								
Aug-37	16								
Aug-93	17								

DWRSIM Control Point 581, New Melones Vernalis Water Quality Release, Actual Diversion

September DWRSIM Flows (flows sorted in ascending order)

Wet		Above Normal		Below Normal		Dry		Critical	
Date	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**
Sep-65	0	Sep-32	0	Sep-28	0	Sep-72	0	Sep-92	0
Sep-75	0	Sep-63	0	Sep-25	0	Sep-33	0	Sep-29	0
Sep-22	0	Sep-79	0	Sep-62	0	Sep-64	0	Sep-30	0
Sep-74	0	Sep-35	0	Sep-66	0	Sep-26	0	Sep-88	0
Sep-37	0	Sep-23	0	Sep-50	0	Sep-59	0	Sep-31	0
Sep-43	0	Sep-36	0	Sep-49	0	Sep-68	0	Sep-91	0
Sep-41	0	Sep-73	0	Sep-57	0	Sep-81	0	Sep-61	0
Sep-86	0	Sep-51	0	Sep-48	0	Sep-39	0	Sep-90	0
Sep-56	0	Sep-70	0	Sep-53	0	Sep-55	0	Sep-34	0
Sep-93	0	Sep-40	0	Sep-54	0	Sep-47	0	Sep-24	0
Sep-42	0	Sep-84	0	Sep-71	0	Sep-85	0	Sep-77	0
Sep-58	0	Sep-45	0	Sep-44	0			Sep-89	0
Sep-52	0	Sep-46	0					Sep-76	0
Sep-69	0	Sep-27	0					Sep-94	0
Sep-38	0							Sep-87	0
Sep-80	0							Sep-60	0
Sep-78	0								
Sep-67	0								
Sep-82	0								
Sep-83	0								

DWRSIM Control Point 581, New Melones Vernalis Water Quality Release, Actual Diversion

October DWRSIM Flows (flows sorted in ascending order)

Wet		Above Normal		Below Normal		Dry		Critical	
Date	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**
Oct-37	0	Oct-84	0	Oct-28	0	Oct-59	0	Oct-90	0
Oct-43	0	Oct-70	0	Oct-25	0	Oct-47	0	Oct-88	0
Oct-74	0	Oct-51	0	Oct-49	0	Oct-33	0	Oct-89	0
Oct-86	0	Oct-21	0	Oct-53	0	Oct-39	0	Oct-61	0
Oct-22	0	Oct-46	0	Oct-62	0	Oct-72	0	Oct-31	0
Oct-93	0	Oct-63	0	Oct-48	0	Oct-26	0	Oct-91	0
Oct-75	0	Oct-40	0	Oct-54	0	Oct-64	0	Oct-30	0
Oct-78	0	Oct-36	0	Oct-71	0	Oct-81	0	Oct-77	0
Oct-65	0	Oct-79	0	Oct-50	0	Oct-68	0	Oct-92	0
Oct-56	0	Oct-23	0	Oct-57	0	Oct-55	0	Oct-76	0
Oct-58	0	Oct-32	0	Oct-44	0	Oct-85	0	Oct-87	0
Oct-67	0	Oct-35	0	Oct-66	0			Oct-60	0
Oct-41	0	Oct-73	0					Oct-34	0
Oct-80	0	Oct-45	0					Oct-29	0
Oct-42	0	Oct-27	0					Oct-24	0
Oct-69	0								
Oct-52	0								
Oct-38	0								
Oct-83	0								
Oct-82	0								

DWRSIM Control Point 581, New Melones Vernalis Water Quality Release, Actual Diversion

November DWRSIM Flows (flows sorted in ascending order)

Wet		Above Normal		Below Normal		Dry		Critical	
Date	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**
Nov-56	0	Nov-32	0	Nov-28	0	Nov-33	0	Nov-30	0
Nov-86	0	Nov-23	0	Nov-25	0	Nov-59	0	Nov-88	0
Nov-43	0	Nov-27	0	Nov-71	0	Nov-47	0	Nov-90	0
Nov-74	0	Nov-35	0	Nov-62	0	Nov-72	0	Nov-89	0
Nov-93	0	Nov-84	0	Nov-49	0	Nov-39	0	Nov-29	0
Nov-75	0	Nov-36	0	Nov-54	0	Nov-26	0	Nov-60	0
Nov-37	0	Nov-70	0	Nov-48	0	Nov-55	0	Nov-87	0
Nov-67	0	Nov-51	0	Nov-53	0	Nov-64	0	Nov-61	0
Nov-58	0	Nov-21	0	Nov-57	0	Nov-68	0	Nov-31	0
Nov-78	0	Nov-79	0	Nov-66	0	Nov-85	0	Nov-76	0
Nov-22	0	Nov-40	0	Nov-44	0	Nov-81	0	Nov-24	0
Nov-80	0	Nov-63	0	Nov-50	0			Nov-34	0
Nov-52	0	Nov-46	0					Nov-77	0
Nov-41	0	Nov-45	0					Nov-91	0
Nov-38	0	Nov-73	0					Nov-92	0
Nov-69	0								
Nov-42	0								
Nov-65	0								
Nov-82	0								
Nov-83	0								

DWRSIM Control Point 581, New Melones Vernalis Water Quality Release, Actual Diversion

December DWRSIM Flows (flows sorted in ascending order)

Wet		Above Normal		Below Normal		Dry		Critical	
Date	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**
Dec-93	0	Dec-32	0	Dec-28	0	Dec-33	0	Dec-88	0
Dec-86	0	Dec-23	0	Dec-25	0	Dec-59	0	Dec-90	0
Dec-78	0	Dec-84	0	Dec-62	0	Dec-47	0	Dec-60	0
Dec-56	0	Dec-35	0	Dec-49	0	Dec-72	0	Dec-30	0
Dec-75	0	Dec-63	0	Dec-48	0	Dec-26	0	Dec-89	0
Dec-67	0	Dec-70	0	Dec-54	0	Dec-39	0	Dec-29	0
Dec-43	0	Dec-51	0	Dec-71	0	Dec-85	0	Dec-87	0
Dec-58	0	Dec-79	0	Dec-53	0	Dec-68	0	Dec-91	0
Dec-74	0	Dec-36	0	Dec-57	0	Dec-81	0	Dec-61	0
Dec-80	0	Dec-21	0	Dec-44	0	Dec-64	0	Dec-24	0
Dec-38	0	Dec-27	0	Dec-66	0	Dec-55	0	Dec-76	0
Dec-52	0	Dec-46	0	Dec-50	0			Dec-34	0
Dec-22	0	Dec-73	0					Dec-77	0
Dec-69	0	Dec-40	0					Dec-92	0
Dec-42	0	Dec-45	0					Dec-31	0
Dec-41	0								
Dec-65	0								
Dec-37	0								
Dec-82	0								
Dec-83	0								

DWRSIM Control Point 649, Merced River Mouth, Non-Project Diversion, Downstream Flow

January DWRSIM Flows (flows sorted in ascending order)

Wet		Above Normal		Below Normal		Dry		Critical	
Date	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**
Jan-86	8	Jan-27	9	Jan-48	7	Jan-85	9	Jan-91	7
Jan-58	11	Jan-45	9	Jan-25	8	Jan-26	10	Jan-92	7
Jan-22	13	Jan-63	11	Jan-62	8	Jan-72	10	Jan-61	8
Jan-67	14	Jan-73	11	Jan-49	9	Jan-55	11	Jan-89	8
Jan-78	16	Jan-32	14	Jan-54	9	Jan-33	17	Jan-34	8
Jan-93	26	Jan-35	16	Jan-50	10	Jan-68	19	Jan-90	8
Jan-75	30	Jan-40	20	Jan-71	10	Jan-39	22	Jan-31	8
Jan-52	31	Jan-36	46	Jan-57	18	Jan-59	24	Jan-60	8
Jan-37	32	Jan-46	60	Jan-44	25	Jan-81	28	Jan-77	8
Jan-38	78	Jan-23	75	Jan-28	34	Jan-64	32	Jan-88	8
Jan-41	83	Jan-51	100	Jan-66	51	Jan-47	36	Jan-30	9
Jan-42	96	Jan-84	103	Jan-53	66			Jan-29	9
Jan-74	106	Jan-79	105					Jan-87	9
Jan-82	110	Jan-70	165					Jan-76	9
Jan-43	153							Jan-94	10
Jan-69	161							Jan-24	12
Jan-65	188								
Jan-83	208								
Jan-56	238								
Jan-80	276								

DWRSIM Control Point 649, Merced River Mouth, Non-Project Diversion, Downstream Flow

February DWRSIM Flows (flows sorted in ascending order)

Wet		Above Normal		Below Normal		Dry		Critical	
Date	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**
Feb-67	11	Feb-35	14	Feb-48	7	Feb-55	9	Feb-88	6
Feb-93	12	Feb-32	30	Feb-49	8	Feb-72	9	Feb-77	6
Feb-58	14	Feb-63	39	Feb-71	8	Feb-85	9	Feb-91	6
Feb-22	23	Feb-46	41	Feb-54	10	Feb-33	23	Feb-61	7
Feb-78	24	Feb-27	45	Feb-50	12	Feb-64	27	Feb-89	7
Feb-74	42	Feb-73	57	Feb-25	15	Feb-39	32	Feb-90	7
Feb-65	66	Feb-23	61	Feb-62	27	Feb-81	34	Feb-31	7
Feb-52	72	Feb-70	73	Feb-53	31	Feb-47	46	Feb-30	8
Feb-56	86	Feb-40	78	Feb-28	35	Feb-26	48	Feb-29	8
Feb-42	89	Feb-51	78	Feb-66	41	Feb-68	51	Feb-60	9
Feb-43	99	Feb-84	84	Feb-57	46	Feb-59	60	Feb-92	11
Feb-75	125	Feb-79	118	Feb-44	53			Feb-87	14
Feb-41	165	Feb-45	145					Feb-24	18
Feb-82	208	Feb-36	282					Feb-76	21
Feb-83	240							Feb-34	22
Feb-69	242							Feb-94	29
Feb-37	248								
Feb-38	263								
Feb-80	263								
Feb-86	333								

DWRSIM Control Point 649, Merced River Mouth, Non-Project Diversion, Downstream Flow

March DWRSIM Flows (flows sorted in ascending order)

Wet		Above Normal		Below Normal		Dry		Critical	
Date	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**
Mar-56	9	Mar-23	10	Mar-53	10	Mar-26	9	Mar-77	8
Mar-65	10	Mar-63	11	Mar-71	10	Mar-47	9	Mar-31	9
Mar-42	13	Mar-32	12	Mar-48	11	Mar-55	9	Mar-61	9
Mar-22	17	Mar-46	12	Mar-25	11	Mar-64	9	Mar-90	9
Mar-78	22	Mar-27	13	Mar-50	11	Mar-72	9	Mar-34	9
Mar-74	51	Mar-51	13	Mar-57	11	Mar-59	9	Mar-94	9
Mar-75	52	Mar-35	14	Mar-66	11	Mar-68	10	Mar-24	9
Mar-58	53	Mar-84	14	Mar-54	13	Mar-33	11	Mar-76	9
Mar-37	57	Mar-36	19	Mar-62	15	Mar-85	11	Mar-88	10
Mar-67	62	Mar-70	28	Mar-49	15	Mar-39	11	Mar-89	10
Mar-93	77	Mar-45	38	Mar-28	15	Mar-81	11	Mar-92	10
Mar-41	81	Mar-73	40	Mar-44	15			Mar-29	10
Mar-80	82	Mar-79	62					Mar-60	10
Mar-52	86	Mar-40	69					Mar-87	10
Mar-69	91							Mar-30	12
Mar-82	109							Mar-91	14
Mar-43	166								
Mar-86	211								
Mar-38	283								
Mar-83	329								

DWRSIM Control Point 649, Merced River Mouth, Non-Project Diversion, Downstream Flow

April DWRSIM Flows (flows sorted in ascending order)

Wet		Above Normal		Below Normal		Dry		Critical	
Date	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**
Apr-22	6	Apr-73	6	Apr-54	10	Apr-47	11	Apr-91	5
Apr-86	6	Apr-45	7	Apr-25	14	Apr-72	14	Apr-92	5
Apr-83	7	Apr-40	16	Apr-48	20	Apr-55	21	Apr-61	5
Apr-37	8	Apr-79	21	Apr-50	29	Apr-33	29	Apr-90	5
Apr-42	9	Apr-32	22	Apr-62	32	Apr-85	31	Apr-31	5
Apr-80	11	Apr-36	28	Apr-28	32	Apr-59	31	Apr-89	5
Apr-74	11	Apr-27	34	Apr-49	32	Apr-64	31	Apr-24	9
Apr-41	11	Apr-23	35	Apr-53	43	Apr-26	32	Apr-88	10
Apr-65	12	Apr-63	39	Apr-57	44	Apr-39	43	Apr-34	11
Apr-52	15	Apr-46	45	Apr-71	47	Apr-81	46	Apr-87	14
Apr-75	16	Apr-35	46	Apr-44	57	Apr-68	56	Apr-77	16
Apr-78	18	Apr-70	46	Apr-66	57			Apr-76	19
Apr-43	27	Apr-51	57					Apr-60	28
Apr-93	33	Apr-84	57					Apr-29	30
Apr-38	38							Apr-94	31
Apr-67	39							Apr-30	31
Apr-56	51								
Apr-69	75								
Apr-58	76								
Apr-82	255								

DWRSIM Control Point 649, Merced River Mouth, Non-Project Diversion, Downstream Flow

May DWRSIM Flows (flows sorted in ascending order)

Wet		Above Normal		Below Normal		Dry		Critical	
Date	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**
May-78	10	May-51	18	May-44	17	May-55	16	May-91	5
May-56	14	May-84	18	May-54	17	May-33	16	May-89	5
May-80	19	May-70	29	May-66	18	May-68	16	May-61	5
May-75	29	May-46	30	May-48	21	May-64	17	May-92	5
May-22	33	May-63	33	May-25	24	May-47	21	May-90	5
May-65	40	May-45	36	May-50	27	May-72	22	May-31	5
May-43	53	May-27	36	May-71	28	May-81	27	May-60	14
May-42	55	May-32	41	May-57	31	May-39	29	May-88	17
May-74	66	May-23	42	May-53	32	May-85	31	May-76	17
May-86	66	May-79	54	May-49	33	May-26	31	May-24	18
May-93	107	May-40	64	May-28	42	May-59	32	May-77	18
May-41	126	May-35	88	May-62	43			May-34	21
May-67	133	May-73	88					May-87	23
May-37	135	May-36	97					May-29	26
May-83	161							May-30	26
May-58	178							May-94	31
May-82	182								
May-38	207								
May-52	211								
May-69	330								

DWRSIM Control Point 649, Merced River Mouth, Non-Project Diversion, Downstream Flow

June DWRSIM Flows (flows sorted in ascending order)

Wet		Above Normal		Below Normal		Dry		Critical	
Date	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**
Jun-65	2	Jun-23	2	Jun-25	2	Jun-26	1	Jun-30	1
Jun-43	2	Jun-36	2	Jun-28	2	Jun-85	1	Jun-88	1
Jun-74	11	Jun-45	2	Jun-54	2	Jun-72	1	Jun-29	1
Jun-37	19	Jun-46	2	Jun-50	2	Jun-55	1	Jun-90	3
Jun-86	57	Jun-79	2	Jun-49	2	Jun-64	1	Jun-31	3
Jun-82	88	Jun-32	2	Jun-62	2	Jun-33	1	Jun-34	3
Jun-56	91	Jun-51	2	Jun-44	2	Jun-68	3	Jun-91	3
Jun-93	95	Jun-70	2	Jun-48	2	Jun-81	3	Jun-89	3
Jun-75	96	Jun-84	2	Jun-57	2	Jun-59	3	Jun-61	3
Jun-80	110	Jun-63	2	Jun-53	2	Jun-47	3	Jun-77	3
Jun-22	115	Jun-27	2	Jun-71	2	Jun-39	3	Jun-76	3
Jun-58	119	Jun-40	2	Jun-66	4			Jun-60	3
Jun-42	122	Jun-73	14					Jun-87	3
Jun-41	123	Jun-35	82					Jun-94	3
Jun-52	130							Jun-92	3
Jun-78	235							Jun-24	7
Jun-69	236								
Jun-67	251								
Jun-38	265								
Jun-83	456								

DWRSIM Control Point 649, Merced River Mouth, Non-Project Diversion, Downstream Flow

July DWRSIM Flows (flows sorted in ascending order)

Wet		Above Normal		Below Normal		Dry		Critical	
Date	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**
Jul-41	3	Jul-27	3	Jul-28	3	Jul-33	3	Jul-29	2
Jul-58	3	Jul-63	4	Jul-62	4	Jul-26	3	Jul-30	2
Jul-65	3	Jul-35	4	Jul-25	4	Jul-55	3	Jul-88	13
Jul-22	3	Jul-36	4	Jul-57	4	Jul-85	3	Jul-61	13
Jul-56	3	Jul-32	4	Jul-48	4	Jul-64	4	Jul-24	13
Jul-42	3	Jul-73	4	Jul-49	4	Jul-72	6	Jul-60	13
Jul-52	3	Jul-79	4	Jul-50	4	Jul-81	6	Jul-77	13
Jul-82	3	Jul-51	4	Jul-53	4	Jul-47	7	Jul-91	14
Jul-37	4	Jul-40	4	Jul-54	4	Jul-68	13	Jul-90	14
Jul-75	4	Jul-23	4	Jul-71	4	Jul-59	13	Jul-34	14
Jul-74	4	Jul-45	4	Jul-44	4	Jul-39	13	Jul-76	14
Jul-43	4	Jul-70	4	Jul-66	7			Jul-87	14
Jul-86	4	Jul-84	4					Jul-94	14
Jul-80	4	Jul-46	4					Jul-92	14
Jul-38	8							Jul-31	15
Jul-69	11							Jul-89	15
Jul-93	15								
Jul-78	30								
Jul-67	98								
Jul-83	212								

DWRSIM Control Point 649, Merced River Mouth, Non-Project Diversion, Downstream Flow

August DWRSIM Flows (flows sorted in ascending order)

Wet		Above Normal		Below Normal		Dry		Critical	
Date	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**
Aug-58	2	Aug-27	2	Aug-28	2	Aug-26	2	Aug-29	1
Aug-38	2	Aug-63	3	Aug-25	3	Aug-81	9	Aug-30	1
Aug-52	2	Aug-73	3	Aug-62	6	Aug-85	9	Aug-61	10
Aug-78	2	Aug-23	3	Aug-44	8	Aug-68	10	Aug-88	10
Aug-65	2	Aug-45	3	Aug-71	9	Aug-72	12	Aug-76	10
Aug-41	2	Aug-32	4	Aug-48	10	Aug-64	13	Aug-87	10
Aug-42	2	Aug-79	4	Aug-57	11	Aug-33	13	Aug-92	11
Aug-56	2	Aug-36	5	Aug-53	12	Aug-59	13	Aug-91	11
Aug-80	2	Aug-35	7	Aug-66	12	Aug-55	13	Aug-90	11
Aug-67	2	Aug-70	9	Aug-49	13	Aug-47	13	Aug-34	11
Aug-69	2	Aug-84	11	Aug-50	14	Aug-39	13	Aug-31	11
Aug-22	2	Aug-40	11	Aug-54	14			Aug-89	11
Aug-82	2	Aug-46	11					Aug-24	11
Aug-83	2	Aug-51	12					Aug-94	11
Aug-74	3							Aug-77	13
Aug-43	3							Aug-60	13
Aug-86	3								
Aug-75	6								
Aug-37	8								
Aug-93	12								

DWRSIM Control Point 649, Merced River Mouth, Non-Project Diversion, Downstream Flow

September DWRSIM Flows (flows sorted in ascending order)

Wet		Above Normal		Below Normal		Dry		Critical	
Date	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**
Sep-75	2	Sep-23	2	Sep-28	2	Sep-72	1	Sep-29	1
Sep-58	2	Sep-79	6	Sep-25	5	Sep-59	6	Sep-30	1
Sep-65	4	Sep-73	6	Sep-66	7	Sep-68	6	Sep-77	4
Sep-22	4	Sep-84	7	Sep-71	9	Sep-39	6	Sep-88	6
Sep-41	4	Sep-45	7	Sep-62	10	Sep-64	7	Sep-31	8
Sep-56	4	Sep-32	8	Sep-50	10	Sep-26	7	Sep-61	8
Sep-74	6	Sep-70	8	Sep-49	10	Sep-81	7	Sep-24	8
Sep-43	6	Sep-63	9	Sep-57	10	Sep-33	8	Sep-89	8
Sep-86	7	Sep-36	9	Sep-48	10	Sep-55	9	Sep-92	9
Sep-37	10	Sep-35	10	Sep-53	10	Sep-47	9	Sep-91	9
Sep-93	10	Sep-51	10	Sep-54	10	Sep-85	9	Sep-90	9
Sep-42	11	Sep-40	10	Sep-44	10			Sep-34	9
Sep-52	15	Sep-46	10					Sep-76	9
Sep-69	33	Sep-27	12					Sep-94	9
Sep-80	35							Sep-87	9
Sep-38	36							Sep-60	9
Sep-67	43								
Sep-82	44								
Sep-78	75								
Sep-83	106								

DWRSIM Control Point 649, Merced River Mouth, Non-Project Diversion, Downstream Flow

October DWRSIM Flows (flows sorted in ascending order)

Wet		Above Normal		Below Normal		Dry		Critical	
Date	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**
Oct-37	86	Oct-84	8	Oct-28	3	Oct-59	7	Oct-77	7
Oct-43	93	Oct-70	8	Oct-25	8	Oct-47	7	Oct-87	7
Oct-74	100	Oct-51	8	Oct-53	8	Oct-72	7	Oct-29	7
Oct-86	111	Oct-21	8	Oct-62	8	Oct-81	7	Oct-24	7
Oct-75	141	Oct-46	8	Oct-48	8	Oct-33	8	Oct-90	8
Oct-22	147	Oct-40	9	Oct-50	8	Oct-39	8	Oct-89	8
Oct-93	156	Oct-23	32	Oct-57	8	Oct-26	8	Oct-91	8
Oct-41	165	Oct-63	35	Oct-66	8	Oct-64	8	Oct-92	8
Oct-42	165	Oct-79	42	Oct-49	9	Oct-55	8	Oct-60	8
Oct-65	166	Oct-36	53	Oct-54	9	Oct-68	10	Oct-34	8
Oct-56	167	Oct-32	76	Oct-71	10	Oct-85	10	Oct-61	9
Oct-52	167	Oct-73	94	Oct-44	11			Oct-31	9
Oct-58	168	Oct-35	96					Oct-88	10
Oct-80	168	Oct-45	117					Oct-30	10
Oct-67	169	Oct-27	187					Oct-76	14
Oct-78	173								
Oct-38	179								
Oct-69	180								
Oct-83	186								
Oct-82	208								

DWRSIM Control Point 649, Merced River Mouth, Non-Project Diversion, Downstream Flow

November DWRSIM Flows (flows sorted in ascending order)

Wet		Above Normal		Below Normal		Dry		Critical	
Date	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**
Nov-67	8	Nov-27	8	Nov-25	9	Nov-33	8	Nov-30	5
Nov-86	9	Nov-32	9	Nov-71	9	Nov-47	8	Nov-88	5
Nov-74	9	Nov-23	9	Nov-62	9	Nov-72	8	Nov-77	6
Nov-93	9	Nov-36	9	Nov-49	9	Nov-39	8	Nov-90	8
Nov-37	9	Nov-70	9	Nov-54	9	Nov-55	8	Nov-89	8
Nov-58	9	Nov-51	9	Nov-48	9	Nov-68	8	Nov-61	8
Nov-80	9	Nov-21	9	Nov-53	9	Nov-59	9	Nov-31	8
Nov-52	9	Nov-40	9	Nov-57	9	Nov-64	9	Nov-91	8
Nov-43	10	Nov-84	10	Nov-66	9	Nov-85	9	Nov-92	8
Nov-56	13	Nov-46	10	Nov-28	10	Nov-81	9	Nov-29	9
Nov-78	20	Nov-35	12	Nov-44	10	Nov-26	11	Nov-60	9
Nov-41	20	Nov-79	13	Nov-50	20			Nov-87	9
Nov-38	20	Nov-63	38					Nov-76	9
Nov-22	21	Nov-45	45					Nov-24	9
Nov-75	22	Nov-73	62					Nov-34	9
Nov-69	25								
Nov-42	40								
Nov-65	72								
Nov-82	100								
Nov-83	117								

DWRSIM Control Point 649, Merced River Mouth, Non-Project Diversion, Downstream Flow

December DWRSIM Flows (flows sorted in ascending order)

Wet		Above Normal		Below Normal		Dry		Critical	
Date	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**
Dec-86	9	Dec-32	9	Dec-62	9	Dec-59	8	Dec-90	8
Dec-58	9	Dec-84	10	Dec-49	9	Dec-47	8	Dec-30	8
Dec-93	10	Dec-70	12	Dec-48	9	Dec-33	9	Dec-89	8
Dec-80	10	Dec-23	13	Dec-54	9	Dec-72	9	Dec-29	8
Dec-56	15	Dec-35	14	Dec-28	10	Dec-39	9	Dec-87	8
Dec-43	16	Dec-51	14	Dec-25	10	Dec-85	9	Dec-91	8
Dec-78	18	Dec-21	14	Dec-71	10	Dec-81	9	Dec-61	8
Dec-67	18	Dec-79	24	Dec-53	10	Dec-26	10	Dec-88	9
Dec-75	19	Dec-63	25	Dec-57	10	Dec-68	10	Dec-60	9
Dec-74	20	Dec-36	25	Dec-44	10	Dec-64	57	Dec-24	9
Dec-38	22	Dec-27	37	Dec-66	15	Dec-55	114	Dec-34	9
Dec-52	38	Dec-46	37	Dec-50	270			Dec-77	9
Dec-69	41	Dec-73	70					Dec-92	9
Dec-42	45	Dec-40	97					Dec-76	11
Dec-65	50	Dec-45	111					Dec-31	17
Dec-22	68								
Dec-41	87								
Dec-37	149								
Dec-82	155								
Dec-83	213								

DWRSIM Control Point 677, Millerton + McLure + Don Pedro Min/Pulse, Downstream Flow

January DWRSIM Flows (flows sorted in ascending order)

Wet		Above Normal		Below Normal		Dry		Critical	
Date	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**
Jan-58	0	Jan-27	0	Jan-25	0	Jan-26	0	Jan-61	0
Jan-22	0	Jan-63	0	Jan-62	0	Jan-72	0	Jan-89	0
Jan-67	0	Jan-35	0	Jan-49	0	Jan-55	0	Jan-30	0
Jan-86	0	Jan-32	0	Jan-48	0	Jan-33	0	Jan-34	0
Jan-78	0	Jan-45	0	Jan-50	0	Jan-85	0	Jan-90	0
Jan-75	0	Jan-73	0	Jan-54	0	Jan-64	0	Jan-31	0
Jan-37	0	Jan-36	0	Jan-71	0	Jan-68	0	Jan-91	0
Jan-93	0	Jan-40	0	Jan-57	0	Jan-47	0	Jan-60	0
Jan-41	0	Jan-23	0	Jan-28	0	Jan-59	0	Jan-77	0
Jan-52	0	Jan-79	0	Jan-44	0	Jan-39	0	Jan-92	0
Jan-38	0	Jan-46	0	Jan-66	0	Jan-81	0	Jan-29	0
Jan-74	0	Jan-51	0	Jan-53	0			Jan-88	0
Jan-42	0	Jan-84	0					Jan-94	0
Jan-65	0	Jan-70	0					Jan-24	0
Jan-82	0							Jan-87	0
Jan-43	0							Jan-76	0
Jan-69	0								
Jan-80	0								
Jan-56	0								
Jan-83	0								

DWRSIM Control Point 677, Millerton + McLure + Don Pedro Min/Pulse, Downstream Flow

February DWRSIM Flows (flows sorted in ascending order)

Wet		Above Normal		Below Normal		Dry		Critical	
Date	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**
Feb-67	0	Feb-35	0	Feb-49	0	Feb-33	0	Feb-61	0
Feb-58	0	Feb-23	0	Feb-48	0	Feb-55	0	Feb-89	0
Feb-78	0	Feb-27	0	Feb-50	0	Feb-72	0	Feb-90	0
Feb-93	0	Feb-63	0	Feb-25	0	Feb-85	0	Feb-30	0
Feb-22	0	Feb-32	0	Feb-54	0	Feb-64	0	Feb-29	0
Feb-52	0	Feb-73	0	Feb-28	0	Feb-26	0	Feb-34	0
Feb-74	0	Feb-40	0	Feb-71	0	Feb-47	0	Feb-88	0
Feb-75	0	Feb-46	0	Feb-57	0	Feb-81	0	Feb-77	0
Feb-65	0	Feb-45	0	Feb-44	0	Feb-39	0	Feb-91	0
Feb-42	0	Feb-51	0	Feb-62	0	Feb-68	0	Feb-31	0
Feb-37	0	Feb-79	0	Feb-66	0	Feb-59	0	Feb-60	0
Feb-43	0	Feb-70	0	Feb-53	0			Feb-92	0
Feb-56	0	Feb-36	0					Feb-24	0
Feb-41	0	Feb-84	0					Feb-87	0
Feb-82	0							Feb-94	0
Feb-38	0							Feb-76	0
Feb-86	0								
Feb-80	0								
Feb-69	0								
Feb-83	0								

DWRSIM Control Point 677, Millerton + McLure + Don Pedro Min/Pulse, Downstream Flow

March DWRSIM Flows (flows sorted in ascending order)

Wet		Above Normal		Below Normal		Dry		Critical	
Date	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**
Mar-22	0	Mar-32	0	Mar-48	0	Mar-33	0	Mar-31	0
Mar-93	0	Mar-27	0	Mar-25	0	Mar-85	0	Mar-61	0
Mar-65	0	Mar-35	0	Mar-50	0	Mar-26	0	Mar-90	0
Mar-42	0	Mar-36	0	Mar-54	0	Mar-47	0	Mar-77	0
Mar-56	0	Mar-63	0	Mar-62	0	Mar-55	0	Mar-88	0
Mar-37	0	Mar-23	0	Mar-49	0	Mar-39	0	Mar-34	0
Mar-67	0	Mar-46	0	Mar-28	0	Mar-64	0	Mar-89	0
Mar-74	0	Mar-51	0	Mar-44	0	Mar-72	0	Mar-92	0
Mar-75	0	Mar-45	0	Mar-57	0	Mar-81	0	Mar-29	0
Mar-41	0	Mar-84	0	Mar-66	0	Mar-68	0	Mar-60	0
Mar-52	0	Mar-73	0	Mar-53	0	Mar-59	0	Mar-30	0
Mar-78	0	Mar-70	0	Mar-71	0			Mar-94	0
Mar-58	0	Mar-79	0					Mar-24	0
Mar-82	0	Mar-40	0					Mar-91	0
Mar-80	0							Mar-76	0
Mar-69	0							Mar-87	0
Mar-43	0								
Mar-38	0								
Mar-86	0								
Mar-83	0								

DWRSIM Control Point 677, Millerton + McLure + Don Pedro Min/Pulse, Downstream Flow

April DWRSIM Flows (flows sorted in ascending order)

Wet		Above Normal		Below Normal		Dry		Critical	
Date	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**
Apr-22	0	Apr-73	0	Apr-54	3	Apr-47	5	Apr-91	0
Apr-37	0	Apr-45	0	Apr-25	6	Apr-72	8	Apr-92	0
Apr-65	0	Apr-36	0	Apr-48	11	Apr-55	15	Apr-61	0
Apr-74	0	Apr-35	0	Apr-50	22	Apr-33	24	Apr-90	0
Apr-43	0	Apr-40	9	Apr-62	35	Apr-64	27	Apr-31	0
Apr-41	0	Apr-79	14	Apr-49	35	Apr-85	34	Apr-89	0
Apr-86	0	Apr-32	16	Apr-28	49	Apr-26	38	Apr-24	4
Apr-52	0	Apr-27	27	Apr-53	61	Apr-59	44	Apr-88	4
Apr-58	0	Apr-63	33	Apr-57	62	Apr-39	62	Apr-34	6
Apr-67	0	Apr-23	42	Apr-71	65	Apr-81	65	Apr-87	9
Apr-78	0	Apr-46	63	Apr-66	77	Apr-68	79	Apr-77	11
Apr-38	0	Apr-70	64	Apr-44	80			Apr-76	13
Apr-83	0	Apr-51	76					Apr-60	22
Apr-69	0	Apr-84	78					Apr-30	29
Apr-82	0							Apr-29	31
Apr-42	2							Apr-94	38
Apr-80	4								
Apr-75	7								
Apr-93	39								
Apr-56	68								

DWRSIM Control Point 677, Millerton + McLure + Don Pedro Min/Pulse, Downstream Flow

May DWRSIM Flows (flows sorted in ascending order)

Wet		Above Normal		Below Normal		Dry		Critical	
Date	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**
May-43	0	May-35	0	May-54	9	May-47	14	May-91	0
May-80	0	May-73	8	May-25	17	May-72	15	May-89	0
May-37	0	May-84	32	May-48	24	May-55	19	May-61	0
May-41	0	May-51	34	May-44	30	May-68	31	May-92	0
May-86	0	May-40	46	May-66	33	May-64	34	May-90	0
May-78	0	May-70	46	May-50	45	May-33	37	May-31	0
May-58	0	May-46	47	May-71	45	May-81	45	May-88	11
May-82	0	May-45	53	May-49	46	May-85	46	May-24	13
May-67	0	May-79	53	May-57	48	May-39	48	May-77	14
May-52	0	May-36	55	May-53	49	May-59	52	May-34	16
May-83	0	May-63	62	May-28	61	May-26	58	May-87	19
May-38	0	May-23	67	May-62	75			May-76	23
May-69	0	May-32	70					May-60	33
May-93	6	May-27	76					May-94	39
May-56	10							May-29	40
May-74	13							May-30	41
May-42	17								
May-22	37								
May-75	46								
May-65	57								

DWRSIM Control Point 677, Millerton + McLure + Don Pedro Min/Pulse, Downstream Flow

June DWRSIM Flows (flows sorted in ascending order)

Wet		Above Normal		Below Normal		Dry		Critical	
Date	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**
Jun-37	0	Jun-23	0	Jun-25	0	Jun-26	0	Jun-90	0
Jun-65	0	Jun-36	0	Jun-28	0	Jun-68	0	Jun-31	0
Jun-74	0	Jun-45	0	Jun-54	0	Jun-81	0	Jun-34	0
Jun-43	0	Jun-46	0	Jun-50	0	Jun-59	0	Jun-30	0
Jun-42	0	Jun-79	0	Jun-49	0	Jun-85	0	Jun-91	0
Jun-78	0	Jun-32	0	Jun-66	0	Jun-47	0	Jun-89	0
Jun-93	0	Jun-51	0	Jun-62	0	Jun-72	0	Jun-88	0
Jun-75	0	Jun-70	0	Jun-44	0	Jun-55	0	Jun-29	0
Jun-80	0	Jun-73	0	Jun-48	0	Jun-39	0	Jun-61	0
Jun-56	0	Jun-84	0	Jun-57	0	Jun-64	0	Jun-77	0
Jun-22	0	Jun-63	0	Jun-53	0	Jun-33	0	Jun-76	0
Jun-41	0	Jun-35	0	Jun-71	0			Jun-60	0
Jun-86	0	Jun-27	0					Jun-87	0
Jun-82	0	Jun-40	0					Jun-24	0
Jun-58	0							Jun-94	0
Jun-52	0							Jun-92	0
Jun-67	0								
Jun-38	0								
Jun-69	0								
Jun-83	0								

DWRSIM Control Point 677, Millerton + McLure + Don Pedro Min/Pulse, Downstream Flow

July DWRSIM Flows (flows sorted in ascending order)

Wet		Above Normal		Below Normal		Dry		Critical	
Date	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**
Jul-41	0	Jul-63	0	Jul-62	0	Jul-33	0	Jul-29	0
Jul-58	0	Jul-35	0	Jul-28	0	Jul-64	0	Jul-30	0
Jul-37	0	Jul-36	0	Jul-25	0	Jul-26	0	Jul-91	0
Jul-65	0	Jul-32	0	Jul-57	0	Jul-72	0	Jul-90	0
Jul-75	0	Jul-27	0	Jul-48	0	Jul-55	0	Jul-34	0
Jul-74	0	Jul-73	0	Jul-49	0	Jul-81	0	Jul-88	0
Jul-22	0	Jul-79	0	Jul-50	0	Jul-85	0	Jul-31	0
Jul-43	0	Jul-51	0	Jul-53	0	Jul-47	0	Jul-89	0
Jul-86	0	Jul-40	0	Jul-54	0	Jul-68	0	Jul-61	0
Jul-56	0	Jul-23	0	Jul-71	0	Jul-59	0	Jul-24	0
Jul-93	0	Jul-45	0	Jul-66	0	Jul-39	0	Jul-60	0
Jul-42	0	Jul-70	0	Jul-44	0			Jul-77	0
Jul-78	0	Jul-84	0					Jul-76	0
Jul-52	0	Jul-46	0					Jul-87	0
Jul-82	0							Jul-94	0
Jul-38	0							Jul-92	0
Jul-80	0								
Jul-69	0								
Jul-67	0								
Jul-83	0								

DWRSIM Control Point 677, Millerton + McLure + Don Pedro Min/Pulse, Downstream Flow

August DWRSIM Flows (flows sorted in ascending order)

Wet		Above Normal		Below Normal		Dry		Critical	
Date	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**
Aug-58	0	Aug-63	0	Aug-28	0	Aug-26	0	Aug-92	0
Aug-38	0	Aug-27	0	Aug-62	0	Aug-81	0	Aug-29	0
Aug-52	0	Aug-32	0	Aug-25	0	Aug-64	0	Aug-30	0
Aug-78	0	Aug-35	0	Aug-48	0	Aug-33	0	Aug-91	0
Aug-65	0	Aug-73	0	Aug-57	0	Aug-72	0	Aug-90	0
Aug-41	0	Aug-36	0	Aug-71	0	Aug-68	0	Aug-34	0
Aug-42	0	Aug-79	0	Aug-53	0	Aug-85	0	Aug-31	0
Aug-56	0	Aug-23	0	Aug-66	0	Aug-59	0	Aug-89	0
Aug-74	0	Aug-45	0	Aug-50	0	Aug-55	0	Aug-61	0
Aug-80	0	Aug-70	0	Aug-49	0	Aug-47	0	Aug-88	0
Aug-67	0	Aug-51	0	Aug-54	0	Aug-39	0	Aug-24	0
Aug-69	0	Aug-84	0	Aug-44	0			Aug-76	0
Aug-22	0	Aug-40	0					Aug-87	0
Aug-37	0	Aug-46	0					Aug-77	0
Aug-82	0							Aug-60	0
Aug-43	0							Aug-94	0
Aug-86	0								
Aug-75	0								
Aug-83	0								
Aug-93	0								

DWRSIM Control Point 677, Millerton + McLure + Don Pedro Min/Pulse, Downstream Flow

September DWRSIM Flows (flows sorted in ascending order)

Wet		Above Normal		Below Normal		Dry		Critical	
Date	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**
Sep-65	0	Sep-32	0	Sep-28	0	Sep-72	0	Sep-92	0
Sep-75	0	Sep-63	0	Sep-25	0	Sep-33	0	Sep-29	0
Sep-22	0	Sep-79	0	Sep-62	0	Sep-64	0	Sep-30	0
Sep-74	0	Sep-35	0	Sep-66	0	Sep-26	0	Sep-88	0
Sep-37	0	Sep-23	0	Sep-50	0	Sep-59	0	Sep-31	0
Sep-43	0	Sep-36	0	Sep-49	0	Sep-68	0	Sep-91	0
Sep-41	0	Sep-73	0	Sep-57	0	Sep-81	0	Sep-61	0
Sep-86	0	Sep-51	0	Sep-48	0	Sep-39	0	Sep-90	0
Sep-56	0	Sep-70	0	Sep-53	0	Sep-55	0	Sep-34	0
Sep-93	0	Sep-40	0	Sep-54	0	Sep-47	0	Sep-24	0
Sep-42	0	Sep-84	0	Sep-71	0	Sep-85	0	Sep-77	0
Sep-58	0	Sep-45	0	Sep-44	0			Sep-89	0
Sep-52	0	Sep-46	0					Sep-76	0
Sep-69	0	Sep-27	0					Sep-94	0
Sep-38	0							Sep-87	0
Sep-80	0							Sep-60	0
Sep-78	0								
Sep-67	0								
Sep-82	0								
Sep-83	0								

DWRSIM Control Point 677, Millerton + McLure + Don Pedro Min/Pulse, Downstream Flow

October DWRSIM Flows (flows sorted in ascending order)

Wet		Above Normal		Below Normal		Dry		Critical	
Date	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**
Oct-37	0	Oct-84	0	Oct-28	0	Oct-59	0	Oct-90	0
Oct-43	0	Oct-70	0	Oct-25	0	Oct-47	0	Oct-88	0
Oct-74	0	Oct-51	0	Oct-49	0	Oct-33	0	Oct-89	0
Oct-86	0	Oct-21	0	Oct-53	0	Oct-39	0	Oct-61	0
Oct-22	0	Oct-46	0	Oct-62	0	Oct-72	0	Oct-31	0
Oct-93	0	Oct-63	0	Oct-48	0	Oct-26	0	Oct-91	0
Oct-75	0	Oct-40	0	Oct-54	0	Oct-64	0	Oct-30	0
Oct-78	0	Oct-36	0	Oct-71	0	Oct-81	0	Oct-77	0
Oct-65	0	Oct-79	0	Oct-50	0	Oct-68	0	Oct-92	0
Oct-56	0	Oct-23	0	Oct-57	0	Oct-55	0	Oct-76	0
Oct-58	0	Oct-32	0	Oct-44	0	Oct-85	0	Oct-87	0
Oct-67	0	Oct-35	0	Oct-66	0			Oct-60	0
Oct-41	0	Oct-73	0					Oct-34	0
Oct-80	0	Oct-45	0					Oct-29	0
Oct-42	0	Oct-27	0					Oct-24	0
Oct-69	0								
Oct-52	0								
Oct-38	0								
Oct-83	0								
Oct-82	0								

DWRSIM Control Point 677, Millerton + McLure + Don Pedro Min/Pulse, Downstream Flow

November DWRSIM Flows (flows sorted in ascending order)

Wet		Above Normal		Below Normal		Dry		Critical	
Date	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**
Nov-56	0	Nov-32	0	Nov-28	0	Nov-33	0	Nov-30	0
Nov-86	0	Nov-23	0	Nov-25	0	Nov-59	0	Nov-88	0
Nov-43	0	Nov-27	0	Nov-71	0	Nov-47	0	Nov-90	0
Nov-74	0	Nov-35	0	Nov-62	0	Nov-72	0	Nov-89	0
Nov-93	0	Nov-84	0	Nov-49	0	Nov-39	0	Nov-29	0
Nov-75	0	Nov-36	0	Nov-54	0	Nov-26	0	Nov-60	0
Nov-37	0	Nov-70	0	Nov-48	0	Nov-55	0	Nov-87	0
Nov-67	0	Nov-51	0	Nov-53	0	Nov-64	0	Nov-61	0
Nov-58	0	Nov-21	0	Nov-57	0	Nov-68	0	Nov-31	0
Nov-78	0	Nov-79	0	Nov-66	0	Nov-85	0	Nov-76	0
Nov-22	0	Nov-40	0	Nov-44	0	Nov-81	0	Nov-24	0
Nov-80	0	Nov-63	0	Nov-50	0			Nov-34	0
Nov-52	0	Nov-46	0					Nov-77	0
Nov-41	0	Nov-45	0					Nov-91	0
Nov-38	0	Nov-73	0					Nov-92	0
Nov-69	0								
Nov-42	0								
Nov-65	0								
Nov-82	0								
Nov-83	0								

DWRSIM Control Point 677, Millerton + McLure + Don Pedro Min/Pulse, Downstream Flow

December DWRSIM Flows (flows sorted in ascending order)

Wet		Above Normal		Below Normal		Dry		Critical	
Date	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**
Dec-93	0	Dec-32	0	Dec-28	0	Dec-33	0	Dec-88	0
Dec-86	0	Dec-23	0	Dec-25	0	Dec-59	0	Dec-90	0
Dec-78	0	Dec-84	0	Dec-62	0	Dec-47	0	Dec-60	0
Dec-56	0	Dec-35	0	Dec-49	0	Dec-72	0	Dec-30	0
Dec-75	0	Dec-63	0	Dec-48	0	Dec-26	0	Dec-89	0
Dec-67	0	Dec-70	0	Dec-54	0	Dec-39	0	Dec-29	0
Dec-43	0	Dec-51	0	Dec-71	0	Dec-85	0	Dec-87	0
Dec-58	0	Dec-79	0	Dec-53	0	Dec-68	0	Dec-91	0
Dec-74	0	Dec-36	0	Dec-57	0	Dec-81	0	Dec-61	0
Dec-80	0	Dec-21	0	Dec-44	0	Dec-64	0	Dec-24	0
Dec-38	0	Dec-27	0	Dec-66	0	Dec-55	0	Dec-76	0
Dec-52	0	Dec-46	0	Dec-50	0			Dec-34	0
Dec-22	0	Dec-73	0					Dec-77	0
Dec-69	0	Dec-40	0					Dec-92	0
Dec-42	0	Dec-45	0					Dec-31	0
Dec-41	0								
Dec-65	0								
Dec-37	0								
Dec-82	0								
Dec-83	0								

DWRSIM Control Point 682, San Joaquin River at Vernalis Total Flow, Downstream Flow

January DWRSIM Flows (flows sorted in ascending order)

Wet		Above Normal		Below Normal		Dry		Critical	
Date	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**
Jan-86	101	Jan-63	106	Jan-62	68	Jan-26	79	Jan-91	61
Jan-58	113	Jan-45	106	Jan-48	71	Jan-72	97	Jan-92	67
Jan-75	130	Jan-27	109	Jan-25	74	Jan-85	100	Jan-90	68
Jan-37	168	Jan-73	123	Jan-49	76	Jan-33	101	Jan-31	68
Jan-22	169	Jan-36	143	Jan-50	93	Jan-55	106	Jan-89	71
Jan-67	184	Jan-35	182	Jan-54	94	Jan-68	116	Jan-88	74
Jan-78	200	Jan-32	212	Jan-57	106	Jan-64	117	Jan-61	75
Jan-41	281	Jan-79	255	Jan-44	129	Jan-47	138	Jan-34	75
Jan-52	352	Jan-40	256	Jan-71	135	Jan-81	138	Jan-30	77
Jan-93	355	Jan-23	268	Jan-28	146	Jan-59	139	Jan-77	79
Jan-38	432	Jan-46	347	Jan-53	302	Jan-39	152	Jan-29	80
Jan-74	443	Jan-51	599	Jan-66	309			Jan-60	81
Jan-42	471	Jan-84	931					Jan-94	85
Jan-82	498	Jan-70	1045					Jan-24	97
Jan-65	593							Jan-87	97
Jan-43	682							Jan-76	100
Jan-80	746								
Jan-69	807								
Jan-56	1292								
Jan-83	1524								

DWRSIM Control Point 682, San Joaquin River at Vernalis Total Flow, Downstream Flow

February DWRSIM Flows (flows sorted in ascending order)

Wet		Above Normal		Below Normal		Dry		Critical	
Date	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**
Feb-58	178	Feb-35	178	Feb-48	70	Feb-55	99	Feb-91	56
Feb-67	193	Feb-63	197	Feb-49	83	Feb-72	99	Feb-90	65
Feb-93	229	Feb-23	244	Feb-54	114	Feb-64	106	Feb-31	65
Feb-75	294	Feb-46	281	Feb-71	118	Feb-85	111	Feb-89	67
Feb-74	306	Feb-27	286	Feb-57	140	Feb-33	112	Feb-88	69
Feb-52	340	Feb-73	326	Feb-50	142	Feb-26	135	Feb-61	71
Feb-22	375	Feb-40	372	Feb-25	149	Feb-81	149	Feb-77	71
Feb-78	397	Feb-45	399	Feb-28	152	Feb-47	150	Feb-29	86
Feb-65	438	Feb-32	421	Feb-44	183	Feb-68	192	Feb-30	87
Feb-42	494	Feb-51	441	Feb-66	296	Feb-39	196	Feb-24	102
Feb-43	601	Feb-79	519	Feb-53	312	Feb-59	246	Feb-87	107
Feb-37	727	Feb-70	528	Feb-62	327			Feb-34	109
Feb-56	750	Feb-84	552					Feb-60	111
Feb-41	798	Feb-36	715					Feb-94	113
Feb-82	916							Feb-76	116
Feb-86	1134							Feb-92	128
Feb-80	1149								
Feb-38	1251								
Feb-69	1702								
Feb-83	2031								

DWRSIM Control Point 682, San Joaquin River at Vernalis Total Flow, Downstream Flow

March DWRSIM Flows (flows sorted in ascending order)

Wet		Above Normal		Below Normal		Dry		Critical	
Date	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**
Mar-93	255	Mar-63	164	Mar-48	106	Mar-72	95	Mar-77	71
Mar-65	290	Mar-23	166	Mar-50	139	Mar-64	101	Mar-88	74
Mar-22	335	Mar-35	212	Mar-25	149	Mar-55	102	Mar-31	75
Mar-67	352	Mar-27	222	Mar-54	155	Mar-26	103	Mar-61	77
Mar-42	367	Mar-46	269	Mar-49	157	Mar-47	116	Mar-90	78
Mar-56	392	Mar-32	276	Mar-28	183	Mar-33	120	Mar-94	92
Mar-74	445	Mar-36	352	Mar-44	197	Mar-85	132	Mar-89	93
Mar-75	506	Mar-51	360	Mar-57	200	Mar-39	172	Mar-34	95
Mar-58	592	Mar-84	366	Mar-71	213	Mar-68	175	Mar-29	99
Mar-37	677	Mar-70	454	Mar-66	229	Mar-81	185	Mar-24	100
Mar-78	695	Mar-45	496	Mar-53	230	Mar-59	227	Mar-76	107
Mar-52	700	Mar-79	538	Mar-62	272			Mar-60	112
Mar-41	707	Mar-73	554					Mar-30	112
Mar-80	907	Mar-40	630					Mar-92	119
Mar-82	939							Mar-87	120
Mar-43	1105							Mar-91	141
Mar-69	1239								
Mar-86	1580								
Mar-38	1926								
Mar-83	2539								

DWRSIM Control Point 682, San Joaquin River at Vernalis Total Flow, Downstream Flow

April DWRSIM Flows (flows sorted in ascending order)

Wet		Above Normal		Below Normal		Dry		Critical	
Date	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**
Apr-93	283	Apr-32	286	Apr-50	213	Apr-72	152	Apr-31	98
Apr-56	358	Apr-27	344	Apr-49	220	Apr-33	156	Apr-61	103
Apr-22	382	Apr-51	344	Apr-25	237	Apr-64	156	Apr-90	104
Apr-65	403	Apr-84	345	Apr-48	237	Apr-55	157	Apr-77	109
Apr-75	404	Apr-70	356	Apr-54	245	Apr-47	157	Apr-24	111
Apr-80	414	Apr-23	357	Apr-66	246	Apr-59	212	Apr-34	113
Apr-42	416	Apr-46	357	Apr-28	269	Apr-85	213	Apr-88	114
Apr-74	457	Apr-63	360	Apr-71	278	Apr-26	217	Apr-89	120
Apr-43	473	Apr-79	372	Apr-57	279	Apr-68	257	Apr-92	128
Apr-37	486	Apr-73	385	Apr-53	284	Apr-81	268	Apr-91	136
Apr-86	593	Apr-36	387	Apr-62	288	Apr-39	269	Apr-76	152
Apr-41	603	Apr-45	398	Apr-44	331			Apr-29	154
Apr-52	647	Apr-35	404					Apr-87	155
Apr-67	812	Apr-40	404					Apr-94	155
Apr-58	889							Apr-30	155
Apr-78	916							Apr-60	158
Apr-38	1078								
Apr-83	1238								
Apr-69	1249								
Apr-82	1615								

DWRSIM Control Point 682, San Joaquin River at Vernalis Total Flow, Downstream Flow

May DWRSIM Flows (flows sorted in ascending order)

Wet		Above Normal		Below Normal		Dry		Critical	
Date	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**
May-93	310	May-32	258	May-66	186	May-72	146	May-31	88
May-65	352	May-84	282	May-49	207	May-47	151	May-90	91
May-22	355	May-51	287	May-50	207	May-33	153	May-61	93
May-75	378	May-46	312	May-25	215	May-64	154	May-92	102
May-74	393	May-70	312	May-48	229	May-55	157	May-24	105
May-56	400	May-27	318	May-54	231	May-68	190	May-34	106
May-42	414	May-23	344	May-28	244	May-26	197	May-89	107
May-43	426	May-63	345	May-62	245	May-59	200	May-77	107
May-80	446	May-36	346	May-44	252	May-85	202	May-88	110
May-37	528	May-79	347	May-71	257	May-81	208	May-91	113
May-86	543	May-45	354	May-53	265	May-39	216	May-76	147
May-41	633	May-40	367	May-57	273			May-87	148
May-78	704	May-73	376					May-29	149
May-58	855	May-35	391					May-30	150
May-82	978							May-94	152
May-52	994							May-60	153
May-67	1028								
May-83	1217								
May-38	1518								
May-69	1614								

DWRSIM Control Point 682, San Joaquin River at Vernalis Total Flow, Downstream Flow

June DWRSIM Flows (flows sorted in ascending order)

Wet		Above Normal		Below Normal		Dry		Critical	
Date	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**
Jun-65	148	Jun-32	108	Jun-66	97	Jun-72	74	Jun-92	36
Jun-37	167	Jun-79	114	Jun-62	97	Jun-33	76	Jun-34	48
Jun-74	188	Jun-27	121	Jun-50	99	Jun-64	81	Jun-31	51
Jun-43	240	Jun-36	122	Jun-49	99	Jun-59	82	Jun-90	57
Jun-93	327	Jun-51	128	Jun-28	101	Jun-47	84	Jun-91	61
Jun-75	377	Jun-70	131	Jun-54	106	Jun-68	87	Jun-30	70
Jun-42	399	Jun-84	137	Jun-44	108	Jun-81	87	Jun-77	70
Jun-22	414	Jun-46	140	Jun-25	114	Jun-85	90	Jun-88	71
Jun-78	432	Jun-73	140	Jun-71	116	Jun-39	91	Jun-29	71
Jun-80	447	Jun-40	143	Jun-48	118	Jun-26	93	Jun-24	72
Jun-56	455	Jun-23	144	Jun-57	120	Jun-55	93	Jun-89	74
Jun-41	535	Jun-45	147	Jun-53	122			Jun-61	74
Jun-86	544	Jun-63	167					Jun-76	74
Jun-82	608	Jun-35	241					Jun-87	77
Jun-52	649							Jun-60	84
Jun-58	688							Jun-94	90
Jun-38	787								
Jun-67	897								
Jun-69	1119								
Jun-83	2155								

DWRSIM Control Point 682, San Joaquin River at Vernalis Total Flow, Downstream Flow

July DWRSIM Flows (flows sorted in ascending order)

Wet		Above Normal		Below Normal		Dry		Critical	
Date	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**
Jul-86	108	Jul-32	98	Jul-62	87	Jul-33	44	Jul-92	40
Jul-65	110	Jul-79	101	Jul-28	88	Jul-64	56	Jul-30	44
Jul-74	110	Jul-51	101	Jul-50	89	Jul-26	67	Jul-90	44
Jul-22	111	Jul-27	102	Jul-49	91	Jul-72	69	Jul-29	45
Jul-37	112	Jul-70	102	Jul-66	91	Jul-47	77	Jul-91	45
Jul-75	114	Jul-36	106	Jul-53	96	Jul-85	79	Jul-34	47
Jul-43	116	Jul-73	107	Jul-54	96	Jul-55	80	Jul-24	48
Jul-93	118	Jul-84	107	Jul-57	98	Jul-81	80	Jul-88	50
Jul-41	129	Jul-46	108	Jul-71	98	Jul-59	82	Jul-31	50
Jul-56	129	Jul-40	109	Jul-44	99	Jul-68	86	Jul-77	50
Jul-58	130	Jul-23	109	Jul-25	100	Jul-39	89	Jul-61	53
Jul-42	155	Jul-45	111	Jul-48	101			Jul-89	55
Jul-78	185	Jul-35	112					Jul-94	71
Jul-38	236	Jul-63	117					Jul-60	74
Jul-80	237							Jul-76	76
Jul-82	258							Jul-87	79
Jul-52	265								
Jul-69	332								
Jul-67	554								
Jul-83	960								

DWRSIM Control Point 682, San Joaquin River at Vernalis Total Flow, Downstream Flow

August DWRSIM Flows (flows sorted in ascending order)

Wet		Above Normal		Below Normal		Dry		Critical	
Date	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**
Aug-80	101	Aug-32	97	Aug-62	82	Aug-26	49	Aug-92	38
Aug-65	104	Aug-27	100	Aug-28	89	Aug-33	56	Aug-29	43
Aug-56	106	Aug-79	100	Aug-66	94	Aug-64	57	Aug-91	45
Aug-86	106	Aug-36	103	Aug-25	97	Aug-55	64	Aug-30	46
Aug-74	107	Aug-73	104	Aug-50	98	Aug-47	74	Aug-90	48
Aug-67	107	Aug-23	105	Aug-57	99	Aug-72	81	Aug-34	49
Aug-22	107	Aug-51	105	Aug-49	99	Aug-59	83	Aug-24	49
Aug-78	109	Aug-63	106	Aug-71	100	Aug-68	85	Aug-31	51
Aug-41	110	Aug-35	106	Aug-53	101	Aug-81	86	Aug-77	53
Aug-37	110	Aug-70	106	Aug-44	101	Aug-85	87	Aug-61	54
Aug-75	110	Aug-45	108	Aug-54	102	Aug-39	91	Aug-88	54
Aug-43	111	Aug-40	110	Aug-48	103			Aug-89	56
Aug-93	111	Aug-46	111					Aug-60	60
Aug-38	113	Aug-84	113					Aug-94	66
Aug-58	114							Aug-76	78
Aug-42	115							Aug-87	80
Aug-82	166								
Aug-69	179								
Aug-52	181								
Aug-83	189								

DWRSIM Control Point 682, San Joaquin River at Vernalis Total Flow, Downstream Flow

September DWRSIM Flows (flows sorted in ascending order)

Wet		Above Normal		Below Normal		Dry		Critical	
Date	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**
Sep-65	106	Sep-32	105	Sep-28	94	Sep-33	71	Sep-92	60
Sep-75	117	Sep-27	109	Sep-62	100	Sep-72	73	Sep-91	64
Sep-22	117	Sep-79	110	Sep-66	100	Sep-64	78	Sep-77	64
Sep-37	119	Sep-23	111	Sep-25	101	Sep-26	79	Sep-29	68
Sep-41	119	Sep-36	113	Sep-50	102	Sep-59	81	Sep-24	68
Sep-74	120	Sep-73	113	Sep-49	103	Sep-68	83	Sep-31	69
Sep-56	120	Sep-63	115	Sep-57	105	Sep-81	85	Sep-30	70
Sep-86	121	Sep-35	115	Sep-54	106	Sep-39	85	Sep-90	71
Sep-93	122	Sep-51	115	Sep-53	107	Sep-55	85	Sep-34	72
Sep-43	124	Sep-70	117	Sep-71	107	Sep-47	85	Sep-88	74
Sep-58	132	Sep-45	121	Sep-48	108	Sep-85	85	Sep-76	76
Sep-42	150	Sep-40	122	Sep-44	109			Sep-61	78
Sep-80	159	Sep-84	123					Sep-89	78
Sep-78	166	Sep-46	123					Sep-87	80
Sep-67	177							Sep-60	81
Sep-69	201							Sep-94	84
Sep-52	202								
Sep-38	203								
Sep-82	310								
Sep-83	453								

DWRSIM Control Point 682, San Joaquin River at Vernalis Total Flow, Downstream Flow

October DWRSIM Flows (flows sorted in ascending order)

Wet		Above Normal		Below Normal		Dry		Critical	
Date	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**
Oct-37	195	Oct-21	124	Oct-28	95	Oct-33	78	Oct-91	76
Oct-43	212	Oct-46	125	Oct-62	100	Oct-26	88	Oct-90	77
Oct-86	215	Oct-84	126	Oct-25	101	Oct-64	92	Oct-31	80
Oct-74	221	Oct-70	127	Oct-49	101	Oct-47	93	Oct-24	80
Oct-22	252	Oct-51	130	Oct-50	101	Oct-59	95	Oct-29	81
Oct-93	256	Oct-40	135	Oct-48	103	Oct-55	96	Oct-88	83
Oct-75	257	Oct-63	137	Oct-54	110	Oct-72	99	Oct-89	83
Oct-65	264	Oct-23	139	Oct-66	111	Oct-39	106	Oct-77	84
Oct-78	270	Oct-79	154	Oct-71	113	Oct-68	108	Oct-60	84
Oct-56	299	Oct-36	157	Oct-53	115	Oct-85	109	Oct-34	84
Oct-42	300	Oct-32	172	Oct-57	119	Oct-81	111	Oct-30	85
Oct-80	301	Oct-35	196	Oct-44	120			Oct-61	87
Oct-58	302	Oct-73	209					Oct-87	89
Oct-52	304	Oct-45	228					Oct-92	90
Oct-67	306	Oct-27	276					Oct-76	180
Oct-41	312								
Oct-69	336								
Oct-38	337								
Oct-83	464								
Oct-82	543								

DWRSIM Control Point 682, San Joaquin River at Vernalis Total Flow, Downstream Flow

November DWRSIM Flows (flows sorted in ascending order)

Wet		Above Normal		Below Normal		Dry		Critical	
Date	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**
Nov-56	102	Nov-32	87	Nov-62	85	Nov-33	73	Nov-88	70
Nov-74	106	Nov-35	93	Nov-28	86	Nov-47	81	Nov-30	71
Nov-86	108	Nov-23	94	Nov-25	86	Nov-59	84	Nov-90	71
Nov-37	108	Nov-36	94	Nov-49	86	Nov-72	86	Nov-89	74
Nov-93	109	Nov-21	104	Nov-48	88	Nov-55	86	Nov-29	75
Nov-67	110	Nov-79	107	Nov-54	92	Nov-39	93	Nov-31	76
Nov-75	113	Nov-51	108	Nov-71	93	Nov-68	93	Nov-61	77
Nov-43	114	Nov-70	109	Nov-66	95	Nov-64	97	Nov-77	79
Nov-80	114	Nov-40	110	Nov-53	96	Nov-85	99	Nov-60	80
Nov-78	119	Nov-84	112	Nov-57	100	Nov-81	101	Nov-87	80
Nov-22	131	Nov-27	113	Nov-44	115	Nov-26	113	Nov-24	81
Nov-41	137	Nov-46	115	Nov-50	217			Nov-91	81
Nov-58	140	Nov-63	130					Nov-34	82
Nov-52	140	Nov-45	138					Nov-92	87
Nov-38	160	Nov-73	149					Nov-76	129
Nov-69	175								
Nov-42	206								
Nov-65	208								
Nov-82	533								
Nov-83	825								

DWRSIM Control Point 682, San Joaquin River at Vernalis Total Flow, Downstream Flow

December DWRSIM Flows (flows sorted in ascending order)

Wet		Above Normal		Below Normal		Dry		Critical	
Date	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**
Dec-93	91	Dec-32	85	Dec-62	81	Dec-33	77	Dec-90	69
Dec-86	101	Dec-35	100	Dec-49	83	Dec-47	78	Dec-91	70
Dec-80	106	Dec-23	102	Dec-48	83	Dec-59	80	Dec-30	71
Dec-78	110	Dec-84	113	Dec-28	86	Dec-72	88	Dec-89	71
Dec-56	110	Dec-63	115	Dec-25	87	Dec-39	94	Dec-29	71
Dec-58	112	Dec-36	119	Dec-54	92	Dec-85	103	Dec-61	73
Dec-75	114	Dec-79	120	Dec-53	97	Dec-81	103	Dec-87	75
Dec-67	118	Dec-70	141	Dec-57	100	Dec-68	114	Dec-88	76
Dec-74	121	Dec-27	148	Dec-71	103	Dec-26	118	Dec-60	80
Dec-43	123	Dec-46	155	Dec-44	114	Dec-64	242	Dec-24	81
Dec-38	136	Dec-21	158	Dec-66	168	Dec-55	644	Dec-34	86
Dec-52	183	Dec-51	166	Dec-50	581			Dec-77	88
Dec-42	214	Dec-73	178					Dec-92	93
Dec-69	217	Dec-40	251					Dec-76	107
Dec-22	233	Dec-45	330					Dec-31	190
Dec-41	276								
Dec-65	304								
Dec-37	317								
Dec-82	1167								
Dec-83	1316								

DWRSIM Control Point 695, San Joaquin and Merced Rivers Confluence, Downstream Flow

January DWRSIM Flows (flows sorted in ascending order)

Wet		Above Normal		Below Normal		Dry		Critical	
Date	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**
Jan-86	34	Jan-27	31	Jan-25	24	Jan-26	28	Jan-91	19
Jan-58	38	Jan-45	37	Jan-62	24	Jan-85	29	Jan-92	22
Jan-75	53	Jan-63	39	Jan-48	24	Jan-72	31	Jan-89	23
Jan-22	54	Jan-73	45	Jan-49	28	Jan-33	37	Jan-34	23
Jan-67	60	Jan-32	61	Jan-54	31	Jan-55	38	Jan-90	23
Jan-78	79	Jan-35	69	Jan-50	35	Jan-68	41	Jan-31	23
Jan-37	99	Jan-36	73	Jan-57	37	Jan-59	45	Jan-61	24
Jan-52	141	Jan-46	89	Jan-71	40	Jan-39	48	Jan-88	24
Jan-41	145	Jan-40	113	Jan-44	54	Jan-64	52	Jan-77	26
Jan-42	160	Jan-23	138	Jan-28	60	Jan-81	54	Jan-29	26
Jan-93	170	Jan-79	162	Jan-66	83	Jan-47	58	Jan-30	27
Jan-82	189	Jan-51	288	Jan-53	112			Jan-60	27
Jan-74	191	Jan-70	383					Jan-94	28
Jan-38	199	Jan-84	494					Jan-87	28
Jan-43	256							Jan-76	29
Jan-65	281							Jan-24	30
Jan-80	432								
Jan-69	454								
Jan-56	601								
Jan-83	808								

DWRSIM Control Point 695, San Joaquin and Merced Rivers Confluence, Downstream Flow

February DWRSIM Flows (flows sorted in ascending order)

Wet		Above Normal		Below Normal		Dry		Critical	
Date	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**
Feb-93	63	Feb-35	48	Feb-48	26	Feb-55	34	Feb-91	19
Feb-58	64	Feb-46	75	Feb-49	32	Feb-72	35	Feb-89	23
Feb-67	76	Feb-63	88	Feb-71	38	Feb-85	40	Feb-90	23
Feb-74	77	Feb-23	106	Feb-54	42	Feb-33	43	Feb-31	23
Feb-65	96	Feb-51	121	Feb-50	54	Feb-64	48	Feb-88	24
Feb-52	137	Feb-70	123	Feb-25	58	Feb-81	61	Feb-77	24
Feb-43	159	Feb-84	128	Feb-53	59	Feb-39	67	Feb-61	26
Feb-22	161	Feb-27	138	Feb-28	67	Feb-26	75	Feb-29	30
Feb-42	162	Feb-32	154	Feb-57	72	Feb-47	75	Feb-30	31
Feb-78	166	Feb-73	164	Feb-66	73	Feb-68	80	Feb-24	37
Feb-75	185	Feb-40	183	Feb-44	96	Feb-59	100	Feb-87	39
Feb-56	292	Feb-79	186	Feb-62	157			Feb-60	41
Feb-82	315	Feb-45	255					Feb-76	44
Feb-41	383	Feb-36	476					Feb-34	46
Feb-37	518							Feb-92	53
Feb-80	618							Feb-94	56
Feb-38	670								
Feb-86	791								
Feb-69	1061								
Feb-83	1196								

DWRSIM Control Point 695, San Joaquin and Merced Rivers Confluence, Downstream Flow

March DWRSIM Flows (flows sorted in ascending order)

Wet		Above Normal		Below Normal		Dry		Critical	
Date	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**
Mar-65	48	Mar-63	52	Mar-50	47	Mar-72	41	Mar-31	36
Mar-42	77	Mar-23	53	Mar-48	48	Mar-64	42	Mar-77	37
Mar-22	95	Mar-32	55	Mar-53	48	Mar-26	44	Mar-61	38
Mar-56	98	Mar-51	60	Mar-66	49	Mar-59	44	Mar-90	38
Mar-93	103	Mar-84	62	Mar-71	49	Mar-33	45	Mar-34	38
Mar-74	121	Mar-46	63	Mar-25	51	Mar-55	46	Mar-88	39
Mar-75	129	Mar-27	65	Mar-57	52	Mar-47	47	Mar-94	41
Mar-67	137	Mar-35	74	Mar-54	62	Mar-68	48	Mar-24	43
Mar-37	157	Mar-36	78	Mar-49	68	Mar-85	53	Mar-89	44
Mar-58	163	Mar-70	93	Mar-28	69	Mar-81	54	Mar-29	44
Mar-41	184	Mar-45	126	Mar-62	71	Mar-39	59	Mar-92	45
Mar-52	216	Mar-73	128	Mar-44	77			Mar-76	45
Mar-82	229	Mar-79	141					Mar-60	47
Mar-43	413	Mar-40	141					Mar-30	49
Mar-78	451							Mar-87	49
Mar-80	491							Mar-91	65
Mar-69	613								
Mar-86	751								
Mar-38	1069								
Mar-83	1351								

DWRSIM Control Point 695, San Joaquin and Merced Rivers Confluence, Downstream Flow

April DWRSIM Flows (flows sorted in ascending order)

Wet		Above Normal		Below Normal		Dry		Critical	
Date	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**
Apr-22	54	Apr-32	46	Apr-54	44	Apr-72	37	Apr-31	21
Apr-80	58	Apr-73	49	Apr-25	51	Apr-47	38	Apr-90	22
Apr-93	59	Apr-45	57	Apr-50	58	Apr-33	48	Apr-91	23
Apr-42	60	Apr-40	59	Apr-62	59	Apr-55	49	Apr-89	25
Apr-75	70	Apr-79	63	Apr-49	60	Apr-64	54	Apr-61	26
Apr-65	70	Apr-36	74	Apr-28	65	Apr-59	55	Apr-24	27
Apr-43	74	Apr-70	77	Apr-48	66	Apr-85	60	Apr-92	29
Apr-74	76	Apr-27	80	Apr-57	69	Apr-81	73	Apr-34	29
Apr-37	80	Apr-51	84	Apr-53	72	Apr-26	74	Apr-88	32
Apr-56	87	Apr-46	88	Apr-71	75	Apr-39	75	Apr-77	35
Apr-41	91	Apr-23	89	Apr-66	83	Apr-68	82	Apr-87	38
Apr-52	145	Apr-84	90	Apr-44	93			Apr-76	41
Apr-86	209	Apr-63	101					Apr-29	50
Apr-58	210	Apr-35	121					Apr-30	51
Apr-67	270							Apr-60	54
Apr-38	344							Apr-94	56
Apr-78	545								
Apr-83	601								
Apr-69	709								
Apr-82	896								

DWRSIM Control Point 695, San Joaquin and Merced Rivers Confluence, Downstream Flow

May DWRSIM Flows (flows sorted in ascending order)

Wet		Above Normal		Below Normal		Dry		Critical	
Date	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**
May-75	66	May-51	45	May-66	44	May-33	36	May-91	21
May-65	72	May-84	49	May-54	46	May-64	41	May-90	22
May-22	92	May-70	58	May-48	51	May-68	42	May-31	22
May-74	98	May-46	63	May-50	51	May-72	45	May-89	25
May-42	99	May-27	63	May-44	52	May-55	47	May-61	26
May-93	142	May-32	65	May-25	52	May-47	48	May-92	29
May-43	155	May-63	71	May-49	58	May-81	51	May-88	37
May-56	176	May-45	74	May-71	58	May-26	55	May-24	37
May-80	230	May-23	76	May-53	60	May-39	58	May-76	39
May-86	301	May-79	84	May-57	63	May-59	58	May-34	39
May-37	313	May-40	98	May-28	66	May-85	59	May-77	40
May-41	315	May-73	120	May-62	68			May-60	41
May-58	380	May-35	124					May-30	46
May-78	398	May-36	127					May-87	47
May-82	534							May-29	48
May-67	691							May-94	62
May-52	697								
May-83	913								
May-38	952								
May-69	1071								

DWRSIM Control Point 695, San Joaquin and Merced Rivers Confluence, Downstream Flow

June DWRSIM Flows (flows sorted in ascending order)

Wet		Above Normal		Below Normal		Dry		Critical	
Date	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**
Jun-65	29	Jun-32	24	Jun-28	25	Jun-33	18	Jun-91	20
Jun-43	36	Jun-51	26	Jun-62	25	Jun-64	23	Jun-90	21
Jun-74	39	Jun-79	27	Jun-50	26	Jun-26	24	Jun-31	21
Jun-37	47	Jun-27	28	Jun-49	27	Jun-72	26	Jun-34	21
Jun-75	127	Jun-36	30	Jun-25	28	Jun-55	27	Jun-29	22
Jun-56	132	Jun-70	30	Jun-54	29	Jun-68	28	Jun-30	23
Jun-80	136	Jun-84	33	Jun-57	29	Jun-81	29	Jun-88	23
Jun-42	158	Jun-40	33	Jun-66	30	Jun-59	29	Jun-77	23
Jun-52	160	Jun-23	34	Jun-48	30	Jun-85	30	Jun-89	25
Jun-82	164	Jun-46	35	Jun-53	31	Jun-47	30	Jun-61	26
Jun-86	182	Jun-63	35	Jun-71	32	Jun-39	32	Jun-76	26
Jun-58	210	Jun-45	38	Jun-44	37			Jun-24	27
Jun-93	260	Jun-73	52					Jun-60	28
Jun-78	264	Jun-35	108					Jun-87	28
Jun-41	274							Jun-92	29
Jun-22	342							Jun-94	35
Jun-67	390								
Jun-38	431								
Jun-69	480								
Jun-83	1313								

DWRSIM Control Point 695, San Joaquin and Merced Rivers Confluence, Downstream Flow

July DWRSIM Flows (flows sorted in ascending order)

Wet		Above Normal		Below Normal		Dry		Critical	
Date	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**
Jul-65	26	Jul-32	23	Jul-28	25	Jul-33	19	Jul-29	22
Jul-37	28	Jul-35	26	Jul-62	26	Jul-64	25	Jul-30	22
Jul-56	29	Jul-27	26	Jul-50	27	Jul-26	25	Jul-91	28
Jul-74	30	Jul-63	27	Jul-25	28	Jul-55	28	Jul-90	31
Jul-58	31	Jul-51	27	Jul-57	28	Jul-85	29	Jul-34	31
Jul-75	31	Jul-36	28	Jul-48	29	Jul-72	30	Jul-31	32
Jul-22	32	Jul-79	28	Jul-49	29	Jul-81	31	Jul-24	32
Jul-86	32	Jul-73	30	Jul-53	30	Jul-47	33	Jul-77	33
Jul-52	32	Jul-70	31	Jul-54	30	Jul-68	38	Jul-88	34
Jul-43	33	Jul-23	32	Jul-71	31	Jul-59	38	Jul-89	34
Jul-82	33	Jul-40	33	Jul-66	32	Jul-39	41	Jul-61	35
Jul-42	35	Jul-84	34	Jul-44	36			Jul-76	35
Jul-41	36	Jul-46	35					Jul-60	37
Jul-93	45	Jul-45	36					Jul-87	38
Jul-80	45							Jul-92	43
Jul-38	69							Jul-94	44
Jul-78	92								
Jul-69	113								
Jul-67	233								
Jul-83	276								

DWRSIM Control Point 695, San Joaquin and Merced Rivers Confluence, Downstream Flow

August DWRSIM Flows (flows sorted in ascending order)

Wet		Above Normal		Below Normal		Dry		Critical	
Date	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**
Aug-65	25	Aug-32	23	Aug-28	24	Aug-26	25	Aug-29	21
Aug-80	25	Aug-63	25	Aug-62	27	Aug-33	29	Aug-30	22
Aug-58	28	Aug-27	25	Aug-25	27	Aug-64	33	Aug-91	25
Aug-78	28	Aug-36	28	Aug-48	35	Aug-81	34	Aug-90	28
Aug-56	28	Aug-79	28	Aug-57	35	Aug-68	35	Aug-31	28
Aug-52	29	Aug-35	29	Aug-71	36	Aug-85	35	Aug-34	29
Aug-74	29	Aug-73	29	Aug-66	36	Aug-72	36	Aug-24	30
Aug-38	30	Aug-23	31	Aug-50	37	Aug-59	37	Aug-89	31
Aug-67	30	Aug-45	35	Aug-49	37	Aug-55	37	Aug-61	31
Aug-41	31	Aug-51	35	Aug-53	38	Aug-47	38	Aug-88	31
Aug-69	31	Aug-70	36	Aug-54	40	Aug-39	41	Aug-76	32
Aug-22	31	Aug-40	39	Aug-44	40			Aug-77	33
Aug-37	31	Aug-84	41					Aug-87	34
Aug-86	31	Aug-46	41					Aug-92	36
Aug-42	32							Aug-60	37
Aug-82	32							Aug-94	39
Aug-43	33								
Aug-75	33								
Aug-83	33								
Aug-93	42								

DWRSIM Control Point 695, San Joaquin and Merced Rivers Confluence, Downstream Flow

September DWRSIM Flows (flows sorted in ascending order)

Wet		Above Normal		Below Normal		Dry		Critical	
Date	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**
Sep-65	42	Sep-32	41	Sep-28	39	Sep-33	36	Sep-91	34
Sep-58	43	Sep-63	45	Sep-25	44	Sep-72	40	Sep-77	34
Sep-75	44	Sep-79	45	Sep-62	47	Sep-64	43	Sep-29	35
Sep-56	44	Sep-23	45	Sep-66	47	Sep-26	44	Sep-30	36
Sep-74	46	Sep-35	47	Sep-50	48	Sep-59	46	Sep-31	37
Sep-22	47	Sep-36	47	Sep-49	49	Sep-68	46	Sep-24	38
Sep-37	48	Sep-73	47	Sep-57	49	Sep-81	47	Sep-90	40
Sep-43	50	Sep-51	48	Sep-48	50	Sep-55	48	Sep-34	40
Sep-41	50	Sep-70	49	Sep-53	51	Sep-39	49	Sep-88	41
Sep-86	50	Sep-27	50	Sep-54	51	Sep-47	50	Sep-92	44
Sep-93	56	Sep-84	51	Sep-71	51	Sep-85	50	Sep-61	44
Sep-42	56	Sep-40	53	Sep-44	57			Sep-89	44
Sep-52	56	Sep-45	54					Sep-76	44
Sep-80	73	Sep-46	55					Sep-87	48
Sep-69	77							Sep-60	48
Sep-38	79							Sep-94	49
Sep-67	85								
Sep-82	89								
Sep-78	117								
Sep-83	143								

DWRSIM Control Point 695, San Joaquin and Merced Rivers Confluence, Downstream Flow

October DWRSIM Flows (flows sorted in ascending order)

Wet		Above Normal		Below Normal		Dry		Critical	
Date	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**
Oct-37	126	Oct-51	47	Oct-28	40	Oct-33	36	Oct-24	37
Oct-43	140	Oct-84	48	Oct-62	44	Oct-26	43	Oct-90	38
Oct-74	141	Oct-70	49	Oct-50	45	Oct-64	44	Oct-31	38
Oct-86	149	Oct-46	49	Oct-25	46	Oct-47	45	Oct-77	38
Oct-75	181	Oct-21	51	Oct-49	47	Oct-59	46	Oct-91	40
Oct-22	190	Oct-40	53	Oct-48	47	Oct-72	47	Oct-34	40
Oct-93	197	Oct-23	69	Oct-57	47	Oct-55	47	Oct-29	40
Oct-65	205	Oct-63	71	Oct-53	48	Oct-39	51	Oct-88	43
Oct-56	206	Oct-79	79	Oct-54	48	Oct-81	51	Oct-89	43
Oct-80	208	Oct-36	90	Oct-71	49	Oct-68	52	Oct-87	43
Oct-42	209	Oct-32	109	Oct-66	49	Oct-85	53	Oct-30	44
Oct-78	214	Oct-35	134	Oct-44	57			Oct-60	44
Oct-58	215	Oct-73	134					Oct-61	45
Oct-52	217	Oct-45	161					Oct-92	48
Oct-67	218	Oct-27	225					Oct-76	81
Oct-41	218								
Oct-69	225								
Oct-38	234								
Oct-82	263								
Oct-83	309								

DWRSIM Control Point 695, San Joaquin and Merced Rivers Confluence, Downstream Flow

November DWRSIM Flows (flows sorted in ascending order)

Wet		Above Normal		Below Normal		Dry		Critical	
Date	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**
Nov-74	35	Nov-32	28	Nov-62	30	Nov-33	25	Nov-30	25
Nov-56	39	Nov-36	31	Nov-28	32	Nov-47	32	Nov-88	25
Nov-86	42	Nov-23	32	Nov-25	32	Nov-59	33	Nov-90	26
Nov-43	43	Nov-51	34	Nov-49	32	Nov-72	33	Nov-31	26
Nov-37	47	Nov-35	35	Nov-71	33	Nov-55	33	Nov-77	27
Nov-93	49	Nov-21	37	Nov-48	33	Nov-68	35	Nov-89	28
Nov-75	49	Nov-70	38	Nov-54	34	Nov-39	36	Nov-29	29
Nov-67	50	Nov-79	38	Nov-57	34	Nov-64	36	Nov-61	30
Nov-58	51	Nov-40	38	Nov-53	35	Nov-85	39	Nov-24	30
Nov-80	51	Nov-27	39	Nov-66	35	Nov-81	39	Nov-34	30
Nov-52	55	Nov-84	39	Nov-44	47	Nov-26	44	Nov-60	31
Nov-78	65	Nov-46	41	Nov-50	88			Nov-87	31
Nov-22	70	Nov-63	66					Nov-76	32
Nov-41	70	Nov-45	76					Nov-92	36
Nov-38	70	Nov-73	88					Nov-91	38
Nov-69	72								
Nov-42	92								
Nov-65	108								
Nov-82	203								
Nov-83	347								

DWRSIM Control Point 695, San Joaquin and Merced Rivers Confluence, Downstream Flow

December DWRSIM Flows (flows sorted in ascending order)

Wet		Above Normal		Below Normal		Dry		Critical	
Date	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**
Dec-93	27	Dec-32	23	Dec-62	25	Dec-33	23	Dec-90	21
Dec-86	28	Dec-23	32	Dec-49	27	Dec-59	26	Dec-30	23
Dec-58	29	Dec-84	33	Dec-28	28	Dec-47	26	Dec-89	23
Dec-80	30	Dec-35	33	Dec-48	28	Dec-72	30	Dec-29	23
Dec-56	35	Dec-63	42	Dec-25	29	Dec-39	33	Dec-91	23
Dec-78	39	Dec-79	43	Dec-54	30	Dec-26	35	Dec-87	24
Dec-75	40	Dec-36	46	Dec-57	30	Dec-85	36	Dec-61	24
Dec-67	41	Dec-70	47	Dec-53	31	Dec-81	38	Dec-88	25
Dec-74	42	Dec-51	55	Dec-71	34	Dec-68	40	Dec-60	26
Dec-43	44	Dec-21	58	Dec-44	39	Dec-64	116	Dec-24	26
Dec-38	47	Dec-27	60	Dec-66	63	Dec-55	384	Dec-34	28
Dec-69	66	Dec-46	66	Dec-50	450			Dec-76	29
Dec-52	72	Dec-73	97					Dec-77	29
Dec-42	73	Dec-40	145					Dec-92	35
Dec-65	83	Dec-45	152					Dec-31	73
Dec-22	130								
Dec-41	153								
Dec-37	237								
Dec-83	600								
Dec-82	662								

DWRSIM Control Point 699, San Joaquin Non-Project Diversion, Merced-Tuolumne, Actual Diversion

January DWRSIM Flows (flows sorted in ascending order)

Wet		Above Normal		Below Normal		Dry		Critical	
Date	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**
Jan-58	0	Jan-27	0	Jan-25	0	Jan-26	0	Jan-61	0
Jan-22	0	Jan-63	0	Jan-62	0	Jan-72	0	Jan-89	0
Jan-67	0	Jan-35	0	Jan-49	0	Jan-55	0	Jan-30	0
Jan-86	0	Jan-32	0	Jan-48	0	Jan-33	0	Jan-34	0
Jan-78	0	Jan-45	0	Jan-50	0	Jan-85	0	Jan-90	0
Jan-75	0	Jan-73	0	Jan-54	0	Jan-64	0	Jan-31	0
Jan-37	0	Jan-36	0	Jan-71	0	Jan-68	0	Jan-91	0
Jan-93	0	Jan-40	0	Jan-57	0	Jan-47	0	Jan-60	0
Jan-41	0	Jan-23	0	Jan-28	0	Jan-59	0	Jan-77	0
Jan-52	0	Jan-79	0	Jan-44	0	Jan-39	0	Jan-92	0
Jan-38	0	Jan-46	0	Jan-66	0	Jan-81	0	Jan-29	0
Jan-74	0	Jan-51	0	Jan-53	0			Jan-88	0
Jan-42	0	Jan-84	0					Jan-94	0
Jan-65	0	Jan-70	0					Jan-24	0
Jan-82	0							Jan-87	0
Jan-43	0							Jan-76	0
Jan-69	0								
Jan-80	0								
Jan-56	0								
Jan-83	0								

DWRSIM Control Point 699, San Joaquin Non-Project Diversion, Merced-Tuolumne, Actual Diversion

February DWRSIM Flows (flows sorted in ascending order)

Wet		Above Normal		Below Normal		Dry		Critical	
Date	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**
Feb-67	1	Feb-35	1	Feb-49	1	Feb-33	1	Feb-61	1
Feb-58	1	Feb-23	1	Feb-48	1	Feb-55	1	Feb-89	1
Feb-78	1	Feb-27	1	Feb-50	1	Feb-72	1	Feb-90	1
Feb-93	1	Feb-63	1	Feb-25	1	Feb-85	1	Feb-30	1
Feb-22	1	Feb-32	1	Feb-54	1	Feb-64	1	Feb-29	1
Feb-52	1	Feb-73	1	Feb-28	1	Feb-26	1	Feb-34	1
Feb-74	1	Feb-40	1	Feb-71	1	Feb-47	1	Feb-88	1
Feb-75	1	Feb-46	1	Feb-57	1	Feb-81	1	Feb-77	1
Feb-65	1	Feb-45	1	Feb-44	1	Feb-39	1	Feb-91	1
Feb-42	1	Feb-51	1	Feb-62	1	Feb-68	1	Feb-31	1
Feb-37	1	Feb-79	1	Feb-66	1	Feb-59	1	Feb-60	1
Feb-43	1	Feb-70	1	Feb-53	1			Feb-92	1
Feb-56	1	Feb-36	1					Feb-24	1
Feb-41	1	Feb-84	1					Feb-87	1
Feb-82	1							Feb-94	1
Feb-38	1							Feb-76	1
Feb-86	1								
Feb-80	1								
Feb-69	1								
Feb-83	1								

DWRSIM Control Point 699, San Joaquin Non-Project Diversion, Merced-Tuolumne, Actual Diversion

March DWRSIM Flows (flows sorted in ascending order)

Wet		Above Normal		Below Normal		Dry		Critical	
Date	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**
Mar-42	7	Mar-35	8	Mar-48	7	Mar-55	8	Mar-31	9
Mar-78	7	Mar-63	8	Mar-25	7	Mar-81	8	Mar-61	9
Mar-58	7	Mar-84	8	Mar-54	8	Mar-68	8	Mar-77	9
Mar-82	7	Mar-73	8	Mar-49	8	Mar-33	9	Mar-88	9
Mar-83	7	Mar-40	8	Mar-57	8	Mar-85	9	Mar-89	9
Mar-37	8	Mar-32	9	Mar-50	9	Mar-26	9	Mar-29	9
Mar-67	8	Mar-27	9	Mar-62	9	Mar-47	9	Mar-60	9
Mar-74	8	Mar-36	9	Mar-28	9	Mar-39	9	Mar-30	9
Mar-75	8	Mar-23	9	Mar-44	9	Mar-64	9	Mar-24	9
Mar-41	8	Mar-46	9	Mar-66	9	Mar-72	9	Mar-76	9
Mar-52	8	Mar-51	9	Mar-53	9	Mar-59	9	Mar-87	9
Mar-43	8	Mar-45	9	Mar-71	9			Mar-90	10
Mar-38	8	Mar-70	9					Mar-34	10
Mar-22	9	Mar-79	9					Mar-92	10
Mar-65	9							Mar-94	10
Mar-56	9							Mar-91	10
Mar-80	9								
Mar-69	9								
Mar-86	9								
Mar-93	10								

DWRSIM Control Point 699, San Joaquin Non-Project Diversion, Merced-Tuolumne, Actual Diversion

April DWRSIM Flows (flows sorted in ascending order)

Wet		Above Normal		Below Normal		Dry		Critical	
Date	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**
Apr-58	11	Apr-63	13	Apr-25	12	Apr-81	13	Apr-87	15
Apr-78	12	Apr-35	13	Apr-48	12	Apr-55	14	Apr-29	15
Apr-83	12	Apr-84	13	Apr-28	14	Apr-68	14	Apr-76	15
Apr-82	12	Apr-73	14	Apr-54	14	Apr-39	15	Apr-61	15
Apr-37	13	Apr-45	14	Apr-49	14	Apr-85	15	Apr-24	15
Apr-42	13	Apr-36	14	Apr-50	14	Apr-33	15	Apr-88	15
Apr-43	13	Apr-40	14	Apr-57	14	Apr-64	15	Apr-60	15
Apr-41	13	Apr-32	15	Apr-71	14	Apr-26	15	Apr-31	15
Apr-52	13	Apr-79	15	Apr-62	15	Apr-47	15	Apr-30	15
Apr-67	13	Apr-27	15	Apr-44	15	Apr-59	16	Apr-77	15
Apr-38	13	Apr-23	15	Apr-53	15	Apr-72	16	Apr-89	15
Apr-75	14	Apr-70	15	Apr-66	16			Apr-91	16
Apr-65	14	Apr-46	15					Apr-92	16
Apr-74	14	Apr-51	15					Apr-34	16
Apr-86	14							Apr-90	16
Apr-22	15							Apr-94	16
Apr-80	15								
Apr-56	15								
Apr-69	15								
Apr-93	16								

DWRSIM Control Point 699, San Joaquin Non-Project Diversion, Merced-Tuolumne, Actual Diversion

May DWRSIM Flows (flows sorted in ascending order)

Wet		Above Normal		Below Normal		Dry		Critical	
Date	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**
May-58	18	May-35	21	May-48	20	May-81	22	May-87	25
May-78	19	May-63	22	May-25	21	May-55	24	May-89	25
May-82	20	May-84	22	May-54	23	May-39	24	May-30	25
May-83	20	May-73	23	May-49	24	May-33	24	May-88	25
May-42	21	May-45	24	May-28	24	May-68	24	May-76	25
May-43	22	May-36	24	May-57	24	May-85	25	May-61	25
May-37	22	May-40	24	May-50	24	May-26	25	May-77	25
May-41	22	May-46	25	May-53	24	May-64	26	May-31	25
May-67	22	May-32	25	May-71	24	May-47	26	May-60	26
May-52	22	May-27	25	May-44	25	May-59	26	May-29	26
May-38	22	May-23	25	May-66	26	May-72	27	May-24	26
May-74	23	May-70	25	May-62	26			May-91	27
May-75	23	May-51	25					May-94	27
May-65	24	May-79	26					May-92	27
May-56	24							May-90	27
May-86	24							May-34	27
May-22	25								
May-80	25								
May-69	25								
May-93	27								

DWRSIM Control Point 699, San Joaquin Non-Project Diversion, Merced-Tuolumne, Actual Diversion

June DWRSIM Flows (flows sorted in ascending order)

Wet		Above Normal		Below Normal		Dry		Critical	
Date	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**
Jun-58	20	Jun-84	24	Jun-25	23	Jun-81	25	Jun-31	27
Jun-78	21	Jun-63	24	Jun-48	23	Jun-68	26	Jun-30	27
Jun-82	22	Jun-35	24	Jun-28	26	Jun-55	26	Jun-89	27
Jun-83	22	Jun-36	26	Jun-54	26	Jun-39	27	Jun-88	27
Jun-42	23	Jun-45	26	Jun-50	26	Jun-33	27	Jun-61	27
Jun-37	24	Jun-73	26	Jun-49	26	Jun-26	28	Jun-77	27
Jun-43	24	Jun-40	26	Jun-57	26	Jun-85	28	Jun-29	28
Jun-41	24	Jun-23	27	Jun-53	27	Jun-64	28	Jun-76	28
Jun-67	24	Jun-46	27	Jun-71	27	Jun-59	29	Jun-60	28
Jun-38	24	Jun-70	27	Jun-62	28	Jun-47	29	Jun-87	28
Jun-74	25	Jun-27	27	Jun-44	28	Jun-72	29	Jun-90	29
Jun-52	25	Jun-79	28	Jun-66	29			Jun-34	29
Jun-75	26	Jun-32	28					Jun-91	29
Jun-86	26	Jun-51	28					Jun-24	29
Jun-65	27							Jun-94	29
Jun-80	27							Jun-92	29
Jun-56	27								
Jun-22	28								
Jun-69	28								
Jun-93	29								

DWRSIM Control Point 699, San Joaquin Non-Project Diversion, Merced-Tuolumne, Actual Diversion

July DWRSIM Flows (flows sorted in ascending order)

Wet		Above Normal		Below Normal		Dry		Critical	
Date	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**
Jul-58	21	Jul-63	25	Jul-25	24	Jul-81	26	Jul-30	29
Jul-78	23	Jul-35	25	Jul-48	24	Jul-55	28	Jul-88	29
Jul-82	23	Jul-84	26	Jul-54	27	Jul-68	28	Jul-31	29
Jul-83	24	Jul-36	28	Jul-28	28	Jul-33	29	Jul-89	29
Jul-37	25	Jul-73	28	Jul-57	28	Jul-39	29	Jul-61	29
Jul-42	25	Jul-40	28	Jul-49	28	Jul-64	30	Jul-77	29
Jul-67	25	Jul-45	28	Jul-50	28	Jul-26	30	Jul-29	30
Jul-41	26	Jul-27	29	Jul-53	29	Jul-85	30	Jul-24	30
Jul-43	26	Jul-23	29	Jul-71	29	Jul-47	30	Jul-60	30
Jul-52	26	Jul-70	29	Jul-62	30	Jul-72	31	Jul-76	30
Jul-38	26	Jul-46	29	Jul-44	30	Jul-59	31	Jul-87	30
Jul-74	27	Jul-32	30	Jul-66	31			Jul-91	31
Jul-75	28	Jul-79	30					Jul-90	31
Jul-86	28	Jul-51	30					Jul-34	31
Jul-65	29							Jul-94	31
Jul-22	29							Jul-92	31
Jul-56	29								
Jul-80	29								
Jul-69	29								
Jul-93	31								

DWRSIM Control Point 699, San Joaquin Non-Project Diversion, Merced-Tuolumne, Actual Diversion

August DWRSIM Flows (flows sorted in ascending order)

Wet		Above Normal		Below Normal		Dry		Critical	
Date	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**
Aug-58	19	Aug-63	23	Aug-25	22	Aug-81	24	Aug-30	26
Aug-78	21	Aug-35	23	Aug-48	22	Aug-68	25	Aug-31	26
Aug-82	21	Aug-84	23	Aug-28	25	Aug-55	25	Aug-89	26
Aug-83	21	Aug-73	25	Aug-57	25	Aug-33	26	Aug-61	26
Aug-42	22	Aug-36	25	Aug-49	25	Aug-39	26	Aug-88	26
Aug-38	23	Aug-40	25	Aug-54	25	Aug-26	27	Aug-77	26
Aug-41	23	Aug-27	26	Aug-71	26	Aug-64	27	Aug-29	27
Aug-67	23	Aug-23	26	Aug-53	26	Aug-85	27	Aug-24	27
Aug-37	23	Aug-45	26	Aug-50	26	Aug-47	27	Aug-76	27
Aug-43	23	Aug-70	26	Aug-62	27	Aug-72	28	Aug-87	27
Aug-52	24	Aug-46	26	Aug-44	27	Aug-59	28	Aug-60	27
Aug-74	24	Aug-32	27	Aug-66	28			Aug-92	28
Aug-75	25	Aug-79	27					Aug-91	28
Aug-65	26	Aug-51	27					Aug-90	28
Aug-56	26							Aug-34	28
Aug-80	26							Aug-94	28
Aug-86	26								
Aug-69	27								
Aug-22	27								
Aug-93	28								

DWRSIM Control Point 699, San Joaquin Non-Project Diversion, Merced-Tuolumne, Actual Diversion

September DWRSIM Flows (flows sorted in ascending order)

Wet		Above Normal		Below Normal		Dry		Critical	
Date	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**
Sep-58	11	Sep-63	13	Sep-25	13	Sep-68	14	Sep-30	15
Sep-78	12	Sep-35	13	Sep-48	13	Sep-81	14	Sep-88	15
Sep-82	12	Sep-84	13	Sep-49	14	Sep-33	15	Sep-31	15
Sep-83	12	Sep-73	14	Sep-57	14	Sep-39	15	Sep-61	15
Sep-37	13	Sep-32	15	Sep-54	14	Sep-55	15	Sep-77	15
Sep-43	13	Sep-23	15	Sep-28	15	Sep-85	15	Sep-89	15
Sep-41	13	Sep-36	15	Sep-50	15	Sep-72	16	Sep-76	15
Sep-42	13	Sep-70	15	Sep-53	15	Sep-64	16	Sep-87	15
Sep-38	13	Sep-40	15	Sep-71	15	Sep-26	16	Sep-92	16
Sep-67	13	Sep-45	15	Sep-44	15	Sep-59	16	Sep-29	16
Sep-75	14	Sep-46	15	Sep-62	16	Sep-47	16	Sep-91	16
Sep-74	14	Sep-27	15	Sep-66	16			Sep-90	16
Sep-52	14	Sep-79	16					Sep-34	16
Sep-65	15	Sep-51	16					Sep-24	16
Sep-22	15							Sep-94	16
Sep-86	15							Sep-60	16
Sep-56	15								
Sep-69	15								
Sep-80	15								
Sep-93	16								

DWRSIM Control Point 699, San Joaquin Non-Project Diversion, Merced-Tuolumne, Actual Diversion

October DWRSIM Flows (flows sorted in ascending order)

Wet		Above Normal		Below Normal		Dry		Critical	
Date	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**
Oct-37	3	Oct-84	3	Oct-57	2	Oct-59	3	Oct-90	3
Oct-43	3	Oct-70	3	Oct-28	3	Oct-47	3	Oct-88	3
Oct-74	3	Oct-51	3	Oct-25	3	Oct-33	3	Oct-89	3
Oct-86	3	Oct-21	3	Oct-49	3	Oct-39	3	Oct-61	3
Oct-22	3	Oct-46	3	Oct-53	3	Oct-72	3	Oct-31	3
Oct-93	3	Oct-63	3	Oct-62	3	Oct-26	3	Oct-91	3
Oct-75	3	Oct-40	3	Oct-48	3	Oct-64	3	Oct-30	3
Oct-78	3	Oct-36	3	Oct-54	3	Oct-81	3	Oct-77	3
Oct-65	3	Oct-79	3	Oct-71	3	Oct-68	3	Oct-92	3
Oct-56	3	Oct-23	3	Oct-50	3	Oct-55	3	Oct-76	3
Oct-58	3	Oct-32	3	Oct-44	3	Oct-85	3	Oct-87	3
Oct-67	3	Oct-35	3	Oct-66	3			Oct-60	3
Oct-41	3	Oct-73	3					Oct-34	3
Oct-80	3	Oct-45	3					Oct-29	3
Oct-42	3	Oct-27	3					Oct-24	3
Oct-69	3								
Oct-52	3								
Oct-38	3								
Oct-83	3								
Oct-82	3								

DWRSIM Control Point 699, San Joaquin Non-Project Diversion, Merced-Tuolumne, Actual Diversion

November DWRSIM Flows (flows sorted in ascending order)

Wet		Above Normal		Below Normal		Dry		Critical	
Date	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**
Nov-56	0	Nov-32	0	Nov-62	0	Nov-47	0	Nov-24	0
Nov-74	0	Nov-27	0	Nov-49	0	Nov-72	0	Nov-34	0
Nov-37	0	Nov-35	0	Nov-54	0	Nov-39	0	Nov-77	0
Nov-67	0	Nov-36	0	Nov-48	0	Nov-55	0	Nov-30	1
Nov-80	0	Nov-70	0	Nov-53	0	Nov-64	0	Nov-88	1
Nov-52	0	Nov-51	0	Nov-57	0	Nov-85	0	Nov-90	1
Nov-41	0	Nov-40	0	Nov-66	0	Nov-81	0	Nov-89	1
Nov-38	0	Nov-73	0	Nov-44	0	Nov-33	1	Nov-29	1
Nov-42	0	Nov-23	1	Nov-28	1	Nov-59	1	Nov-60	1
Nov-82	0	Nov-84	1	Nov-25	1	Nov-26	1	Nov-87	1
Nov-83	0	Nov-21	1	Nov-71	1	Nov-68	1	Nov-61	1
Nov-86	1	Nov-79	1	Nov-50	1			Nov-31	1
Nov-43	1	Nov-63	1					Nov-76	1
Nov-93	1	Nov-46	1					Nov-91	1
Nov-75	1	Nov-45	1					Nov-92	1
Nov-58	1								
Nov-78	1								
Nov-22	1								
Nov-69	1								
Nov-65	1								

DWRSIM Control Point 699, San Joaquin Non-Project Diversion, Merced-Tuolumne, Actual Diversion

December DWRSIM Flows (flows sorted in ascending order)

Wet		Above Normal		Below Normal		Dry		Critical	
Date	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**
Dec-93	0	Dec-32	0	Dec-28	0	Dec-33	0	Dec-88	0
Dec-86	0	Dec-23	0	Dec-25	0	Dec-59	0	Dec-90	0
Dec-78	0	Dec-84	0	Dec-62	0	Dec-47	0	Dec-60	0
Dec-56	0	Dec-35	0	Dec-49	0	Dec-72	0	Dec-30	0
Dec-75	0	Dec-63	0	Dec-48	0	Dec-26	0	Dec-89	0
Dec-67	0	Dec-70	0	Dec-54	0	Dec-39	0	Dec-29	0
Dec-43	0	Dec-51	0	Dec-71	0	Dec-85	0	Dec-87	0
Dec-58	0	Dec-79	0	Dec-53	0	Dec-68	0	Dec-91	0
Dec-74	0	Dec-36	0	Dec-57	0	Dec-81	0	Dec-61	0
Dec-80	0	Dec-21	0	Dec-44	0	Dec-64	0	Dec-24	0
Dec-38	0	Dec-27	0	Dec-66	0	Dec-55	0	Dec-76	0
Dec-52	0	Dec-46	0	Dec-50	0			Dec-34	0
Dec-22	0	Dec-73	0					Dec-77	0
Dec-69	0	Dec-40	0					Dec-92	0
Dec-42	0	Dec-45	0					Dec-31	0
Dec-41	0								
Dec-65	0								
Dec-37	0								
Dec-82	0								
Dec-83	0								

DWRSIM Control Point 701, Central Valley Project Upper Delta-Mendota Canal Project Ag Diversion, Actual Diversion

January DWRSIM Flows (flows sorted in ascending order)

Wet		Above Normal		Below Normal		Dry		Critical	
Date	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**
Jan-58	0	Jan-27	0	Jan-25	0	Jan-26	0	Jan-61	0
Jan-22	0	Jan-63	0	Jan-62	0	Jan-72	0	Jan-89	0
Jan-67	0	Jan-35	0	Jan-49	0	Jan-55	0	Jan-30	0
Jan-86	0	Jan-32	0	Jan-48	0	Jan-33	0	Jan-34	0
Jan-78	0	Jan-45	0	Jan-50	0	Jan-85	0	Jan-90	0
Jan-75	0	Jan-73	0	Jan-54	0	Jan-64	0	Jan-31	0
Jan-37	0	Jan-36	0	Jan-71	0	Jan-68	0	Jan-91	0
Jan-93	0	Jan-40	0	Jan-57	0	Jan-47	0	Jan-60	0
Jan-41	0	Jan-23	0	Jan-28	0	Jan-59	0	Jan-77	0
Jan-52	0	Jan-79	0	Jan-44	0	Jan-39	0	Jan-92	0
Jan-38	0	Jan-46	0	Jan-66	0	Jan-81	0	Jan-29	0
Jan-74	0	Jan-51	0	Jan-53	0			Jan-88	0
Jan-42	0	Jan-84	0					Jan-94	0
Jan-65	0	Jan-70	0					Jan-24	0
Jan-82	0							Jan-87	0
Jan-43	0							Jan-76	0
Jan-69	0								
Jan-80	0								
Jan-56	0								
Jan-83	0								

DWRSIM Control Point 701, Central Valley Project Upper Delta-Mendota Canal Project Ag Diversion, Actual Diversion

February DWRSIM Flows (flows sorted in ascending order)

Wet		Above Normal		Below Normal		Dry		Critical	
Date	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**
Feb-22	1	Feb-35	0	Feb-25	0	Feb-33	0	Feb-89	0
Feb-37	1	Feb-32	1	Feb-49	1	Feb-26	0	Feb-34	0
Feb-86	1	Feb-40	1	Feb-48	1	Feb-47	1	Feb-77	0
Feb-67	2	Feb-45	1	Feb-44	1	Feb-55	2	Feb-91	0
Feb-58	2	Feb-79	1	Feb-62	1	Feb-72	2	Feb-31	0
Feb-78	2	Feb-36	1	Feb-50	2	Feb-85	2	Feb-60	0
Feb-93	2	Feb-23	2	Feb-54	2	Feb-64	2	Feb-92	0
Feb-74	2	Feb-27	2	Feb-28	2	Feb-81	2	Feb-24	0
Feb-75	2	Feb-63	2	Feb-57	2	Feb-39	2	Feb-61	1
Feb-65	2	Feb-73	2	Feb-66	2	Feb-68	2	Feb-90	1
Feb-42	2	Feb-46	2	Feb-53	2	Feb-59	2	Feb-30	1
Feb-43	2	Feb-51	2	Feb-71	3			Feb-29	1
Feb-56	2	Feb-70	2					Feb-88	1
Feb-41	2	Feb-84	2					Feb-87	1
Feb-82	2							Feb-94	1
Feb-38	2							Feb-76	1
Feb-80	2								
Feb-69	3								
Feb-83	3								
Feb-52	4								

DWRSIM Control Point 701, Central Valley Project Upper Delta-Mendota Canal Project Ag Diversion, Actual Diversion

March DWRSIM Flows (flows sorted in ascending order)

Wet		Above Normal		Below Normal		Dry		Critical	
Date	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**
Mar-22	0	Mar-32	0	Mar-48	0	Mar-33	0	Mar-31	0
Mar-93	0	Mar-27	0	Mar-25	0	Mar-85	0	Mar-61	0
Mar-65	0	Mar-35	0	Mar-50	0	Mar-26	0	Mar-90	0
Mar-42	0	Mar-36	0	Mar-54	0	Mar-47	0	Mar-77	0
Mar-56	0	Mar-63	0	Mar-62	0	Mar-55	0	Mar-88	0
Mar-37	0	Mar-23	0	Mar-49	0	Mar-39	0	Mar-34	0
Mar-67	0	Mar-46	0	Mar-28	0	Mar-64	0	Mar-89	0
Mar-74	0	Mar-51	0	Mar-44	0	Mar-72	0	Mar-92	0
Mar-75	0	Mar-45	0	Mar-57	0	Mar-81	0	Mar-29	0
Mar-41	0	Mar-84	0	Mar-66	0	Mar-68	0	Mar-60	0
Mar-52	0	Mar-73	0	Mar-53	0	Mar-59	0	Mar-30	0
Mar-78	0	Mar-70	0	Mar-71	0			Mar-94	0
Mar-58	0	Mar-79	0					Mar-24	0
Mar-82	0	Mar-40	0					Mar-91	0
Mar-80	0							Mar-76	0
Mar-69	0							Mar-87	0
Mar-43	0								
Mar-38	0								
Mar-86	0								
Mar-83	0								

DWRSIM Control Point 701, Central Valley Project Upper Delta-Mendota Canal Project Ag Diversion, Actual Diversion

April DWRSIM Flows (flows sorted in ascending order)

Wet		Above Normal		Below Normal		Dry		Critical	
Date	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**
Apr-65	13	Apr-32	11	Apr-48	11	Apr-33	1	Apr-91	0
Apr-86	13	Apr-35	12	Apr-44	16	Apr-26	13	Apr-24	0
Apr-37	18	Apr-79	18	Apr-50	17	Apr-39	14	Apr-77	1
Apr-80	18	Apr-45	18	Apr-25	18	Apr-64	15	Apr-31	3
Apr-43	18	Apr-23	18	Apr-28	18	Apr-55	16	Apr-92	8
Apr-42	19	Apr-70	18	Apr-49	18	Apr-47	17	Apr-34	8
Apr-67	21	Apr-51	18	Apr-57	18	Apr-85	18	Apr-76	9
Apr-75	22	Apr-73	19	Apr-54	20	Apr-68	18	Apr-90	9
Apr-74	22	Apr-84	19	Apr-53	20	Apr-72	18	Apr-29	10
Apr-58	22	Apr-36	20	Apr-71	21	Apr-59	19	Apr-88	12
Apr-82	22	Apr-40	20	Apr-62	22	Apr-81	19	Apr-30	13
Apr-56	23	Apr-63	22	Apr-66	22			Apr-87	14
Apr-78	23	Apr-27	22					Apr-94	16
Apr-22	24	Apr-46	22					Apr-60	17
Apr-93	26							Apr-89	17
Apr-52	29							Apr-61	18
Apr-83	29								
Apr-41	30								
Apr-38	30								
Apr-69	30								

DWRSIM Control Point 701, Central Valley Project Upper Delta-Mendota Canal Project Ag Diversion, Actual Diversion

May DWRSIM Flows (flows sorted in ascending order)

Wet		Above Normal		Below Normal		Dry		Critical	
Date	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**
May-86	16	May-32	13	May-44	19	May-33	2	May-91	0
May-43	21	May-79	21	May-28	21	May-26	15	May-24	0
May-65	22	May-70	21	May-50	21	May-39	17	May-77	1
May-80	22	May-45	22	May-49	22	May-64	18	May-31	4
May-37	22	May-23	22	May-57	22	May-55	19	May-92	10
May-74	27	May-51	22	May-25	23	May-68	21	May-34	10
May-75	27	May-35	23	May-48	24	May-47	21	May-76	11
May-42	27	May-73	23	May-54	25	May-72	21	May-90	11
May-56	27	May-84	23	May-53	25	May-85	22	May-29	12
May-58	27	May-36	24	May-71	26	May-81	23	May-88	14
May-82	27	May-40	24	May-66	27	May-59	24	May-30	16
May-22	30	May-46	27	May-62	27			May-87	17
May-93	32	May-63	27					May-94	19
May-67	33	May-27	27					May-60	20
May-41	36							May-89	21
May-52	36							May-61	22
May-83	36								
May-38	36								
May-69	36								
May-78	39								

DWRSIM Control Point 701, Central Valley Project Upper Delta-Mendota Canal Project Ag Diversion, Actual Diversion

June DWRSIM Flows (flows sorted in ascending order)

Wet		Above Normal		Below Normal		Dry		Critical	
Date	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**
Jun-86	19	Jun-32	16	Jun-44	24	Jun-33	2	Jun-91	0
Jun-43	26	Jun-79	26	Jun-50	25	Jun-26	19	Jun-77	1
Jun-37	27	Jun-70	26	Jun-28	26	Jun-39	21	Jun-24	1
Jun-65	27	Jun-23	27	Jun-57	26	Jun-64	22	Jun-31	5
Jun-80	27	Jun-45	27	Jun-49	27	Jun-55	24	Jun-34	12
Jun-42	32	Jun-51	27	Jun-25	28	Jun-47	25	Jun-92	12
Jun-74	33	Jun-73	28	Jun-54	30	Jun-68	26	Jun-90	13
Jun-75	33	Jun-84	28	Jun-48	30	Jun-72	26	Jun-76	13
Jun-82	33	Jun-35	28	Jun-53	31	Jun-85	27	Jun-29	15
Jun-58	33	Jun-36	29	Jun-71	31	Jun-81	28	Jun-88	17
Jun-56	34	Jun-40	30	Jun-66	33	Jun-59	29	Jun-30	19
Jun-22	36	Jun-46	32	Jun-62	33			Jun-87	21
Jun-93	39	Jun-63	33					Jun-94	23
Jun-67	41	Jun-27	33					Jun-89	25
Jun-52	43							Jun-60	25
Jun-41	44							Jun-61	27
Jun-69	44								
Jun-83	44								
Jun-38	45								
Jun-78	48								

DWRSIM Control Point 701, Central Valley Project Upper Delta-Mendota Canal Project Ag Diversion, Actual Diversion

July DWRSIM Flows (flows sorted in ascending order)

Wet		Above Normal		Below Normal		Dry		Critical	
Date	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**
Jul-86	26	Jul-32	21	Jul-44	32	Jul-33	3	Jul-91	0
Jul-43	36	Jul-79	36	Jul-50	35	Jul-64	26	Jul-24	1
Jul-80	36	Jul-23	36	Jul-28	36	Jul-26	26	Jul-77	1
Jul-37	37	Jul-70	36	Jul-57	36	Jul-39	29	Jul-31	5
Jul-65	38	Jul-51	37	Jul-49	37	Jul-55	32	Jul-92	16
Jul-42	44	Jul-45	37	Jul-25	39	Jul-47	35	Jul-34	17
Jul-58	45	Jul-35	38	Jul-48	41	Jul-72	36	Jul-90	18
Jul-75	45	Jul-73	38	Jul-54	41	Jul-85	36	Jul-89	18
Jul-74	45	Jul-84	38	Jul-53	42	Jul-68	36	Jul-76	18
Jul-82	45	Jul-36	40	Jul-71	43	Jul-81	38	Jul-94	18
Jul-56	46	Jul-40	40	Jul-66	43	Jul-59	40	Jul-29	20
Jul-22	50	Jul-46	44	Jul-62	45			Jul-88	23
Jul-93	53	Jul-63	45					Jul-30	26
Jul-41	56	Jul-27	45					Jul-87	29
Jul-67	56							Jul-61	30
Jul-52	59							Jul-60	34
Jul-69	60								
Jul-83	60								
Jul-38	61								
Jul-78	66								

DWRSIM Control Point 701, Central Valley Project Upper Delta-Mendota Canal Project Ag Diversion, Actual Diversion

August DWRSIM Flows (flows sorted in ascending order)

Wet		Above Normal		Below Normal		Dry		Critical	
Date	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**
Aug-41	22	Aug-32	19	Aug-62	22	Aug-33	3	Aug-91	0
Aug-86	23	Aug-79	32	Aug-66	22	Aug-64	22	Aug-24	1
Aug-80	32	Aug-23	32	Aug-44	29	Aug-59	22	Aug-77	1
Aug-43	32	Aug-70	32	Aug-50	31	Aug-26	23	Aug-31	6
Aug-65	33	Aug-40	32	Aug-28	32	Aug-47	26	Aug-92	14
Aug-37	33	Aug-45	33	Aug-57	32	Aug-39	26	Aug-34	15
Aug-42	39	Aug-51	33	Aug-49	33	Aug-55	29	Aug-90	16
Aug-58	40	Aug-35	34	Aug-25	34	Aug-85	31	Aug-76	16
Aug-74	40	Aug-73	34	Aug-48	36	Aug-72	32	Aug-29	18
Aug-82	40	Aug-84	34	Aug-53	37	Aug-68	32	Aug-88	21
Aug-75	40	Aug-36	36	Aug-54	37	Aug-81	34	Aug-89	22
Aug-56	41	Aug-46	39	Aug-71	38			Aug-61	22
Aug-93	43	Aug-63	40					Aug-94	22
Aug-22	44	Aug-27	40					Aug-30	23
Aug-67	49							Aug-87	26
Aug-52	53							Aug-60	27
Aug-83	53								
Aug-38	54								
Aug-69	54								
Aug-78	59								

DWRSIM Control Point 701, Central Valley Project Upper Delta-Mendota Canal Project Ag Diversion, Actual Diversion

September DWRSIM Flows (flows sorted in ascending order)

Wet		Above Normal		Below Normal		Dry		Critical	
Date	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**
Sep-86	10	Sep-32	8	Sep-44	13	Sep-33	1	Sep-91	0
Sep-43	14	Sep-79	14	Sep-28	14	Sep-26	10	Sep-24	0
Sep-80	14	Sep-23	14	Sep-50	14	Sep-64	12	Sep-77	1
Sep-65	15	Sep-70	14	Sep-57	14	Sep-39	12	Sep-31	3
Sep-37	15	Sep-35	15	Sep-25	15	Sep-55	13	Sep-92	6
Sep-75	18	Sep-73	15	Sep-49	15	Sep-72	14	Sep-90	7
Sep-74	18	Sep-51	15	Sep-48	16	Sep-68	14	Sep-34	7
Sep-56	18	Sep-84	15	Sep-54	16	Sep-47	14	Sep-76	7
Sep-42	18	Sep-45	15	Sep-53	17	Sep-85	14	Sep-29	8
Sep-58	18	Sep-36	16	Sep-71	17	Sep-81	15	Sep-88	9
Sep-82	18	Sep-40	16	Sep-62	18	Sep-59	16	Sep-30	10
Sep-22	20	Sep-63	18	Sep-66	18			Sep-87	11
Sep-93	21	Sep-46	18					Sep-94	13
Sep-67	22	Sep-27	18					Sep-60	13
Sep-41	24							Sep-89	14
Sep-52	24							Sep-61	15
Sep-69	24								
Sep-38	24								
Sep-83	24								
Sep-78	26								

DWRSIM Control Point 701, Central Valley Project Upper Delta-Mendota Canal Project Ag Diversion, Actual Diversion

October DWRSIM Flows (flows sorted in ascending order)

Wet		Above Normal		Below Normal		Dry		Critical	
Date	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**
Oct-86	10	Oct-32	8	Oct-44	13	Oct-33	1	Oct-91	0
Oct-43	14	Oct-70	14	Oct-28	14	Oct-26	10	Oct-24	0
Oct-80	14	Oct-79	14	Oct-50	14	Oct-39	12	Oct-77	1
Oct-37	15	Oct-23	14	Oct-57	14	Oct-64	12	Oct-31	3
Oct-65	15	Oct-84	15	Oct-25	15	Oct-55	13	Oct-92	6
Oct-74	18	Oct-51	15	Oct-49	15	Oct-47	14	Oct-90	7
Oct-75	18	Oct-35	15	Oct-48	16	Oct-72	14	Oct-76	7
Oct-56	18	Oct-73	15	Oct-54	16	Oct-68	14	Oct-34	7
Oct-58	18	Oct-45	15	Oct-53	17	Oct-85	14	Oct-29	8
Oct-42	18	Oct-40	16	Oct-71	17	Oct-81	15	Oct-88	9
Oct-82	18	Oct-36	16	Oct-62	18	Oct-59	16	Oct-30	10
Oct-22	20	Oct-46	18	Oct-66	18			Oct-87	11
Oct-93	21	Oct-63	18					Oct-60	13
Oct-67	22	Oct-27	18					Oct-89	14
Oct-41	24	Oct-21	23					Oct-61	15
Oct-69	24								
Oct-52	24								
Oct-38	24								
Oct-83	24								
Oct-78	26								

DWRSIM Control Point 701, Central Valley Project Upper Delta-Mendota Canal Project Ag Diversion, Actual Diversion

November DWRSIM Flows (flows sorted in ascending order)

Wet		Above Normal		Below Normal		Dry		Critical	
Date	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**
Nov-86	4	Nov-32	3	Nov-28	5	Nov-33	0	Nov-24	0
Nov-43	5	Nov-23	5	Nov-57	5	Nov-39	4	Nov-77	0
Nov-80	5	Nov-70	5	Nov-44	5	Nov-26	4	Nov-91	0
Nov-37	6	Nov-79	5	Nov-50	5	Nov-64	4	Nov-31	1
Nov-65	6	Nov-35	6	Nov-25	6	Nov-47	5	Nov-92	2
Nov-56	7	Nov-84	6	Nov-71	6	Nov-72	5	Nov-90	3
Nov-74	7	Nov-36	6	Nov-49	6	Nov-55	5	Nov-29	3
Nov-75	7	Nov-51	6	Nov-54	6	Nov-68	5	Nov-76	3
Nov-58	7	Nov-40	6	Nov-48	6	Nov-85	5	Nov-34	3
Nov-22	7	Nov-45	6	Nov-53	6	Nov-59	6	Nov-30	4
Nov-42	7	Nov-73	6	Nov-62	7	Nov-81	6	Nov-88	4
Nov-82	7	Nov-27	7	Nov-66	7			Nov-87	4
Nov-93	8	Nov-63	7					Nov-89	5
Nov-67	8	Nov-46	7					Nov-60	5
Nov-52	9	Nov-21	9					Nov-61	6
Nov-41	9								
Nov-38	9								
Nov-69	9								
Nov-83	9								
Nov-78	10								

DWRSIM Control Point 701, Central Valley Project Upper Delta-Mendota Canal Project Ag Diversion, Actual Diversion

December DWRSIM Flows (flows sorted in ascending order)

Wet		Above Normal		Below Normal		Dry		Critical	
Date	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**
Dec-93	0	Dec-32	0	Dec-28	0	Dec-33	0	Dec-88	0
Dec-86	0	Dec-23	0	Dec-25	0	Dec-59	0	Dec-90	0
Dec-78	0	Dec-84	0	Dec-62	0	Dec-47	0	Dec-60	0
Dec-56	0	Dec-35	0	Dec-49	0	Dec-72	0	Dec-30	0
Dec-75	0	Dec-63	0	Dec-48	0	Dec-26	0	Dec-89	0
Dec-67	0	Dec-70	0	Dec-54	0	Dec-39	0	Dec-29	0
Dec-43	0	Dec-51	0	Dec-71	0	Dec-85	0	Dec-87	0
Dec-58	0	Dec-79	0	Dec-53	0	Dec-68	0	Dec-91	0
Dec-74	0	Dec-36	0	Dec-57	0	Dec-81	0	Dec-61	0
Dec-80	0	Dec-21	0	Dec-44	0	Dec-64	0	Dec-24	0
Dec-38	0	Dec-27	0	Dec-66	0	Dec-55	0	Dec-76	0
Dec-52	0	Dec-46	0	Dec-50	0			Dec-34	0
Dec-22	0	Dec-73	0					Dec-77	0
Dec-69	0	Dec-40	0					Dec-92	0
Dec-42	0	Dec-45	0					Dec-31	0
Dec-41	0								
Dec-65	0								
Dec-37	0								
Dec-82	0								
Dec-83	0								

DWRSIM Control Point 721, Central Valley Project Lower Delta-Mendota Canal Ag Diversion, Actual Diversion

January DWRSIM Flows (flows sorted in ascending order)

Wet		Above Normal		Below Normal		Dry		Critical	
Date	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**
Jan-78	0	Jan-35	0	Jan-25	0	Jan-33	0	Jan-30	0
Jan-93	0	Jan-32	0	Jan-62	1	Jan-26	1	Jan-34	0
Jan-58	1	Jan-27	1	Jan-49	1	Jan-72	1	Jan-91	0
Jan-22	1	Jan-63	1	Jan-48	1	Jan-55	1	Jan-77	0
Jan-67	1	Jan-45	1	Jan-50	1	Jan-85	1	Jan-92	0
Jan-86	1	Jan-73	1	Jan-54	1	Jan-64	1	Jan-61	1
Jan-75	1	Jan-36	1	Jan-71	1	Jan-68	1	Jan-89	1
Jan-37	1	Jan-40	1	Jan-57	1	Jan-47	1	Jan-90	1
Jan-41	1	Jan-23	1	Jan-28	1	Jan-59	1	Jan-31	1
Jan-52	1	Jan-79	1	Jan-44	1	Jan-39	1	Jan-60	1
Jan-38	1	Jan-46	1	Jan-66	1	Jan-81	1	Jan-29	1
Jan-74	1	Jan-51	1	Jan-53	1			Jan-88	1
Jan-42	1	Jan-84	1					Jan-94	1
Jan-65	1	Jan-70	1					Jan-24	1
Jan-82	1							Jan-87	1
Jan-43	1							Jan-76	1
Jan-69	1								
Jan-80	1								
Jan-56	1								
Jan-83	1								

DWRSIM Control Point 721, Central Valley Project Lower Delta-Mendota Canal Ag Diversion, Actual Diversion

February DWRSIM Flows (flows sorted in ascending order)

Wet		Above Normal		Below Normal		Dry		Critical	
Date	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**
Feb-37	1	Feb-35	1	Feb-25	0	Feb-33	0	Feb-89	0
Feb-58	3	Feb-32	2	Feb-48	1	Feb-26	1	Feb-34	0
Feb-22	3	Feb-45	2	Feb-49	2	Feb-47	2	Feb-77	0
Feb-75	3	Feb-79	2	Feb-62	2	Feb-72	3	Feb-91	0
Feb-65	3	Feb-40	3	Feb-50	3	Feb-85	3	Feb-31	0
Feb-86	3	Feb-36	3	Feb-28	3	Feb-39	3	Feb-92	0
Feb-80	3	Feb-73	4	Feb-57	3	Feb-55	4	Feb-24	0
Feb-78	4	Feb-70	4	Feb-44	3	Feb-64	4	Feb-60	1
Feb-93	4	Feb-84	4	Feb-54	4	Feb-81	4	Feb-90	2
Feb-74	4	Feb-23	5	Feb-66	5	Feb-59	4	Feb-30	2
Feb-67	5	Feb-27	5	Feb-53	5	Feb-68	5	Feb-29	2
Feb-42	5	Feb-63	5	Feb-71	6			Feb-87	2
Feb-43	5	Feb-46	5					Feb-76	2
Feb-56	5	Feb-51	5					Feb-61	3
Feb-41	5							Feb-88	3
Feb-82	5							Feb-94	3
Feb-38	5								
Feb-69	6								
Feb-83	6								
Feb-52	8								

DWRSIM Control Point 721, Central Valley Project Lower Delta-Mendota Canal Ag Diversion, Actual Diversion

March DWRSIM Flows (flows sorted in ascending order)

Wet		Above Normal		Below Normal		Dry		Critical	
Date	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**
Mar-65	4	Mar-35	2	Mar-48	2	Mar-33	0	Mar-77	0
Mar-37	4	Mar-32	3	Mar-50	4	Mar-26	4	Mar-89	0
Mar-86	4	Mar-63	5	Mar-49	4	Mar-47	4	Mar-24	0
Mar-42	5	Mar-23	5	Mar-25	5	Mar-39	4	Mar-91	0
Mar-67	5	Mar-51	5	Mar-54	5	Mar-64	4	Mar-31	1
Mar-78	5	Mar-45	5	Mar-62	5	Mar-85	5	Mar-92	1
Mar-82	5	Mar-84	5	Mar-28	5	Mar-55	5	Mar-34	2
Mar-80	5	Mar-73	5	Mar-44	5	Mar-72	5	Mar-90	3
Mar-43	5	Mar-70	5	Mar-57	5	Mar-81	5	Mar-88	3
Mar-22	6	Mar-79	5	Mar-53	5	Mar-68	5	Mar-29	3
Mar-56	6	Mar-40	5	Mar-66	6	Mar-59	6	Mar-76	3
Mar-74	6	Mar-27	6	Mar-71	6			Mar-87	3
Mar-75	6	Mar-36	6					Mar-61	4
Mar-58	6	Mar-46	6					Mar-60	4
Mar-93	7							Mar-30	4
Mar-41	8							Mar-94	4
Mar-52	8								
Mar-83	8								
Mar-69	9								
Mar-38	9								

DWRSIM Control Point 721, Central Valley Project Lower Delta-Mendota Canal Ag Diversion, Actual Diversion

April DWRSIM Flows (flows sorted in ascending order)

Wet		Above Normal		Below Normal		Dry		Critical	
Date	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**
Apr-65	6	Apr-32	5	Apr-48	5	Apr-33	1	Apr-91	0
Apr-86	6	Apr-35	6	Apr-44	7	Apr-26	6	Apr-24	0
Apr-80	8	Apr-79	8	Apr-25	8	Apr-39	7	Apr-77	0
Apr-43	8	Apr-23	8	Apr-28	8	Apr-55	7	Apr-31	2
Apr-37	9	Apr-70	8	Apr-50	8	Apr-64	7	Apr-92	4
Apr-42	9	Apr-73	9	Apr-57	8	Apr-85	8	Apr-34	4
Apr-75	10	Apr-45	9	Apr-54	9	Apr-68	8	Apr-76	4
Apr-74	10	Apr-36	9	Apr-49	9	Apr-47	8	Apr-90	4
Apr-58	10	Apr-40	9	Apr-53	9	Apr-72	8	Apr-29	5
Apr-67	10	Apr-51	9	Apr-62	10	Apr-59	9	Apr-88	5
Apr-82	10	Apr-84	9	Apr-66	10	Apr-81	9	Apr-30	6
Apr-22	11	Apr-63	10	Apr-71	10			Apr-87	7
Apr-56	11	Apr-27	10					Apr-94	7
Apr-78	11	Apr-46	10					Apr-61	8
Apr-93	12							Apr-60	8
Apr-41	14							Apr-89	8
Apr-52	14								
Apr-38	14								
Apr-83	14								
Apr-69	14								

DWRSIM Control Point 721, Central Valley Project Lower Delta-Mendota Canal Ag Diversion, Actual Diversion

May DWRSIM Flows (flows sorted in ascending order)

Wet		Above Normal		Below Normal		Dry		Critical	
Date	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**
May-86	8	May-32	6	May-44	9	May-33	1	May-91	0
May-65	11	May-45	11	May-28	10	May-26	8	May-24	0
May-43	11	May-35	11	May-50	10	May-39	9	May-77	0
May-80	11	May-73	11	May-49	11	May-64	9	May-31	2
May-37	11	May-79	11	May-25	11	May-55	10	May-76	5
May-74	13	May-23	11	May-57	11	May-47	10	May-92	5
May-75	13	May-70	11	May-48	12	May-81	11	May-90	5
May-42	13	May-51	11	May-54	12	May-85	11	May-34	5
May-56	13	May-84	11	May-53	12	May-68	11	May-29	6
May-58	13	May-36	12	May-66	13	May-72	11	May-88	7
May-82	13	May-40	12	May-62	13	May-59	12	May-87	8
May-22	15	May-46	13	May-71	13			May-30	8
May-93	16	May-63	13					May-94	9
May-67	16	May-27	13					May-60	10
May-52	17							May-89	10
May-41	18							May-61	11
May-83	18								
May-38	18								
May-69	18								
May-78	19								

DWRSIM Control Point 721, Central Valley Project Lower Delta-Mendota Canal Ag Diversion, Actual Diversion

June DWRSIM Flows (flows sorted in ascending order)

Wet		Above Normal		Below Normal		Dry		Critical	
Date	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**
Jun-86	11	Jun-32	9	Jun-44	14	Jun-33	1	Jun-91	0
Jun-43	15	Jun-23	15	Jun-28	15	Jun-26	11	Jun-24	0
Jun-80	15	Jun-79	15	Jun-50	15	Jun-39	12	Jun-77	1
Jun-37	16	Jun-70	15	Jun-57	15	Jun-64	12	Jun-31	3
Jun-65	16	Jun-45	16	Jun-25	16	Jun-55	14	Jun-34	7
Jun-74	19	Jun-51	16	Jun-49	16	Jun-68	15	Jun-92	7
Jun-42	19	Jun-73	16	Jun-54	17	Jun-85	15	Jun-90	8
Jun-75	19	Jun-84	16	Jun-48	17	Jun-47	15	Jun-76	8
Jun-56	19	Jun-35	16	Jun-53	18	Jun-72	15	Jun-29	9
Jun-82	19	Jun-36	17	Jun-71	18	Jun-81	16	Jun-88	10
Jun-58	19	Jun-40	17	Jun-66	19	Jun-59	17	Jun-30	11
Jun-22	21	Jun-46	19	Jun-62	19			Jun-87	12
Jun-93	22	Jun-63	19					Jun-94	13
Jun-67	23	Jun-27	19					Jun-89	14
Jun-41	25							Jun-60	14
Jun-52	25							Jun-61	15
Jun-69	25								
Jun-83	25								
Jun-38	26								
Jun-78	28								

DWRSIM Control Point 721, Central Valley Project Lower Delta-Mendota Canal Ag Diversion, Actual Diversion

July DWRSIM Flows (flows sorted in ascending order)

Wet		Above Normal		Below Normal		Dry		Critical	
Date	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**
Jul-86	13	Jul-32	11	Jul-44	16	Jul-33	1	Jul-91	0
Jul-37	18	Jul-79	18	Jul-28	17	Jul-64	13	Jul-24	0
Jul-65	18	Jul-51	18	Jul-50	17	Jul-26	13	Jul-77	1
Jul-43	18	Jul-23	18	Jul-57	18	Jul-39	14	Jul-31	2
Jul-80	18	Jul-45	18	Jul-49	18	Jul-55	16	Jul-34	8
Jul-58	22	Jul-70	18	Jul-25	19	Jul-47	17	Jul-92	8
Jul-75	22	Jul-35	19	Jul-48	20	Jul-72	18	Jul-90	9
Jul-74	22	Jul-73	19	Jul-54	20	Jul-85	18	Jul-89	9
Jul-56	22	Jul-84	19	Jul-53	21	Jul-68	18	Jul-76	9
Jul-42	22	Jul-36	20	Jul-71	21	Jul-81	19	Jul-94	9
Jul-82	22	Jul-40	20	Jul-66	21	Jul-59	19	Jul-29	10
Jul-22	24	Jul-63	22	Jul-62	22			Jul-88	11
Jul-93	26	Jul-27	22					Jul-30	13
Jul-41	27	Jul-46	22					Jul-87	14
Jul-67	27							Jul-61	15
Jul-52	29							Jul-60	17
Jul-83	29								
Jul-38	30								
Jul-69	30								
Jul-78	32								

DWRSIM Control Point 721, Central Valley Project Lower Delta-Mendota Canal Ag Diversion, Actual Diversion

August DWRSIM Flows (flows sorted in ascending order)

Wet		Above Normal		Below Normal		Dry		Critical	
Date	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**
Aug-41	1	Aug-32	9	Aug-62	1	Aug-64	0	Aug-91	0
Aug-86	11	Aug-79	15	Aug-66	1	Aug-33	1	Aug-89	0
Aug-80	15	Aug-23	15	Aug-44	14	Aug-59	7	Aug-61	0
Aug-43	15	Aug-70	15	Aug-28	15	Aug-26	11	Aug-24	0
Aug-65	16	Aug-40	15	Aug-57	15	Aug-47	12	Aug-94	0
Aug-37	16	Aug-35	16	Aug-50	15	Aug-39	12	Aug-77	1
Aug-58	19	Aug-73	16	Aug-25	16	Aug-55	14	Aug-31	3
Aug-42	19	Aug-45	16	Aug-49	16	Aug-72	15	Aug-92	7
Aug-56	19	Aug-51	16	Aug-48	17	Aug-68	15	Aug-34	7
Aug-74	19	Aug-84	16	Aug-54	17	Aug-85	15	Aug-90	8
Aug-82	19	Aug-36	17	Aug-71	18	Aug-81	16	Aug-76	8
Aug-75	19	Aug-63	19	Aug-53	18			Aug-29	9
Aug-93	20	Aug-27	19					Aug-88	10
Aug-22	21	Aug-46	19					Aug-30	11
Aug-67	23							Aug-87	12
Aug-52	25							Aug-60	13
Aug-69	25								
Aug-83	25								
Aug-38	26								
Aug-78	28								

DWRSIM Control Point 721, Central Valley Project Lower Delta-Mendota Canal Ag Diversion, Actual Diversion

September DWRSIM Flows (flows sorted in ascending order)

Wet		Above Normal		Below Normal		Dry		Critical	
Date	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**
Sep-86	4	Sep-32	4	Sep-44	5	Sep-33	0	Sep-91	0
Sep-65	6	Sep-79	6	Sep-28	6	Sep-26	4	Sep-24	0
Sep-37	6	Sep-35	6	Sep-25	6	Sep-64	5	Sep-77	0
Sep-43	6	Sep-23	6	Sep-50	6	Sep-39	5	Sep-31	1
Sep-80	6	Sep-73	6	Sep-49	6	Sep-55	5	Sep-92	3
Sep-74	7	Sep-51	6	Sep-57	6	Sep-72	6	Sep-29	3
Sep-42	7	Sep-70	6	Sep-66	7	Sep-68	6	Sep-90	3
Sep-75	8	Sep-84	6	Sep-48	7	Sep-81	6	Sep-34	3
Sep-22	8	Sep-45	6	Sep-53	7	Sep-47	6	Sep-76	3
Sep-56	8	Sep-63	7	Sep-54	7	Sep-85	6	Sep-30	4
Sep-58	8	Sep-36	7	Sep-71	7	Sep-59	7	Sep-88	4
Sep-82	8	Sep-40	7	Sep-62	8			Sep-94	5
Sep-93	9	Sep-46	7					Sep-87	5
Sep-67	9	Sep-27	8					Sep-61	6
Sep-41	10							Sep-89	6
Sep-52	10							Sep-60	6
Sep-69	10								
Sep-38	10								
Sep-83	10								
Sep-78	11								

DWRSIM Control Point 721, Central Valley Project Lower Delta-Mendota Canal Ag Diversion, Actual Diversion

October DWRSIM Flows (flows sorted in ascending order)

Wet		Above Normal		Below Normal		Dry		Critical	
Date	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**
Oct-86	5	Oct-32	4	Oct-28	6	Oct-33	1	Oct-91	0
Oct-43	6	Oct-70	6	Oct-50	6	Oct-39	5	Oct-77	0
Oct-80	6	Oct-79	6	Oct-57	6	Oct-26	5	Oct-24	0
Oct-37	7	Oct-23	6	Oct-44	6	Oct-64	5	Oct-31	1
Oct-65	7	Oct-84	7	Oct-25	7	Oct-47	6	Oct-90	3
Oct-74	8	Oct-51	7	Oct-49	7	Oct-72	6	Oct-92	3
Oct-75	8	Oct-40	7	Oct-53	7	Oct-68	6	Oct-76	3
Oct-56	8	Oct-36	7	Oct-48	7	Oct-55	6	Oct-34	3
Oct-58	8	Oct-35	7	Oct-54	7	Oct-85	6	Oct-88	4
Oct-42	8	Oct-73	7	Oct-62	8	Oct-59	7	Oct-29	4
Oct-82	8	Oct-45	7	Oct-71	8	Oct-81	7	Oct-30	5
Oct-22	9	Oct-46	8	Oct-66	8			Oct-87	5
Oct-93	9	Oct-63	8					Oct-89	6
Oct-67	10	Oct-27	8					Oct-60	6
Oct-41	11	Oct-21	10					Oct-61	7
Oct-69	11								
Oct-52	11								
Oct-38	11								
Oct-83	11								
Oct-78	12								

DWRSIM Control Point 721, Central Valley Project Lower Delta-Mendota Canal Ag Diversion, Actual Diversion

November DWRSIM Flows (flows sorted in ascending order)

Wet		Above Normal		Below Normal		Dry		Critical	
Date	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**
Nov-86	2	Nov-32	2	Nov-44	2	Nov-33	0	Nov-31	0
Nov-56	3	Nov-23	3	Nov-28	3	Nov-39	2	Nov-24	0
Nov-43	3	Nov-27	3	Nov-25	3	Nov-26	2	Nov-77	0
Nov-74	3	Nov-35	3	Nov-71	3	Nov-55	2	Nov-91	0
Nov-75	3	Nov-84	3	Nov-62	3	Nov-64	2	Nov-90	1
Nov-37	3	Nov-36	3	Nov-49	3	Nov-59	3	Nov-29	1
Nov-58	3	Nov-70	3	Nov-54	3	Nov-47	3	Nov-76	1
Nov-80	3	Nov-51	3	Nov-48	3	Nov-72	3	Nov-34	1
Nov-42	3	Nov-79	3	Nov-53	3	Nov-68	3	Nov-92	1
Nov-65	3	Nov-40	3	Nov-57	3	Nov-85	3	Nov-30	2
Nov-82	3	Nov-63	3	Nov-66	3	Nov-81	3	Nov-88	2
Nov-93	4	Nov-46	3	Nov-50	3			Nov-89	2
Nov-67	4	Nov-45	3					Nov-60	2
Nov-22	4	Nov-73	3					Nov-87	2
Nov-52	4	Nov-21	4					Nov-61	3
Nov-41	4								
Nov-38	4								
Nov-69	4								
Nov-83	4								
Nov-78	5								

DWRSIM Control Point 721, Central Valley Project Lower Delta-Mendota Canal Ag Diversion, Actual Diversion

December DWRSIM Flows (flows sorted in ascending order)

Wet		Above Normal		Below Normal		Dry		Critical	
Date	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**
Dec-86	1	Dec-32	1	Dec-28	1	Dec-33	0	Dec-91	0
Dec-56	1	Dec-23	1	Dec-25	1	Dec-59	1	Dec-24	0
Dec-75	1	Dec-84	1	Dec-62	1	Dec-47	1	Dec-77	0
Dec-43	1	Dec-35	1	Dec-49	1	Dec-72	1	Dec-92	0
Dec-58	1	Dec-63	1	Dec-48	1	Dec-26	1	Dec-31	0
Dec-74	1	Dec-70	1	Dec-54	1	Dec-39	1	Dec-88	1
Dec-80	1	Dec-51	1	Dec-71	1	Dec-85	1	Dec-90	1
Dec-22	1	Dec-79	1	Dec-53	1	Dec-68	1	Dec-60	1
Dec-42	1	Dec-36	1	Dec-57	1	Dec-81	1	Dec-30	1
Dec-65	1	Dec-27	1	Dec-44	1	Dec-64	1	Dec-89	1
Dec-37	1	Dec-46	1	Dec-66	1	Dec-55	1	Dec-29	1
Dec-82	1	Dec-73	1	Dec-50	1			Dec-87	1
Dec-93	2	Dec-40	1					Dec-61	1
Dec-78	2	Dec-45	1					Dec-76	1
Dec-67	2	Dec-21	2					Dec-34	1
Dec-38	2								
Dec-52	2								
Dec-69	2								
Dec-41	2								
Dec-83	2								

DWRSIM Control Point 722, Central Valley Project Lower Delta-Mendota Canal Exchange (CCID) Diversion, Actual Diversion

January DWRSIM Flows (flows sorted in ascending order)

Wet		Above Normal		Below Normal		Dry		Critical	
Date	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**
Jan-78	1	Jan-27	1	Jan-25	1	Jan-33	1	Jan-89	1
Jan-93	1	Jan-35	1	Jan-62	2	Jan-26	2	Jan-30	1
Jan-58	2	Jan-32	1	Jan-49	2	Jan-72	2	Jan-34	1
Jan-22	2	Jan-63	2	Jan-48	2	Jan-55	2	Jan-31	1
Jan-67	2	Jan-45	2	Jan-50	2	Jan-85	2	Jan-91	1
Jan-86	2	Jan-73	2	Jan-54	2	Jan-64	2	Jan-77	1
Jan-75	2	Jan-36	2	Jan-71	2	Jan-68	2	Jan-92	1
Jan-37	2	Jan-40	2	Jan-57	2	Jan-47	2	Jan-88	1
Jan-41	2	Jan-23	2	Jan-28	2	Jan-59	2	Jan-87	1
Jan-52	2	Jan-79	2	Jan-44	2	Jan-39	2	Jan-61	2
Jan-38	2	Jan-46	2	Jan-66	2	Jan-81	2	Jan-90	2
Jan-74	2	Jan-51	2	Jan-53	2			Jan-60	2
Jan-42	2	Jan-84	2					Jan-29	2
Jan-65	2	Jan-70	2					Jan-94	2
Jan-82	2							Jan-24	2
Jan-43	2							Jan-76	2
Jan-69	2								
Jan-80	2								
Jan-56	2								
Jan-83	2								

DWRSIM Control Point 722, Central Valley Project Lower Delta-Mendota Canal Exchange (CCID) Diversion, Actual Diversion

February DWRSIM Flows (flows sorted in ascending order)

Wet		Above Normal		Below Normal		Dry		Critical	
Date	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**
Feb-37	7	Feb-35	7	Feb-48	7	Feb-33	7	Feb-89	7
Feb-58	9	Feb-32	7	Feb-25	7	Feb-26	7	Feb-90	7
Feb-78	9	Feb-45	8	Feb-62	7	Feb-47	8	Feb-29	7
Feb-22	9	Feb-79	8	Feb-49	8	Feb-72	9	Feb-34	7
Feb-75	9	Feb-36	8	Feb-50	9	Feb-85	9	Feb-77	7
Feb-65	9	Feb-40	9	Feb-28	9	Feb-39	9	Feb-91	7
Feb-86	9	Feb-23	10	Feb-57	9	Feb-55	10	Feb-31	7
Feb-80	9	Feb-27	10	Feb-44	9	Feb-64	10	Feb-60	7
Feb-67	10	Feb-63	10	Feb-54	10	Feb-81	10	Feb-92	7
Feb-93	10	Feb-73	10	Feb-71	10	Feb-68	10	Feb-24	7
Feb-52	10	Feb-46	10	Feb-66	10	Feb-59	10	Feb-30	8
Feb-74	10	Feb-51	10	Feb-53	10			Feb-87	8
Feb-42	10	Feb-70	10					Feb-76	8
Feb-43	10	Feb-84	10					Feb-61	9
Feb-56	10							Feb-88	9
Feb-41	10							Feb-94	9
Feb-82	10								
Feb-38	10								
Feb-69	10								
Feb-83	10								

DWRSIM Control Point 722, Central Valley Project Lower Delta-Mendota Canal Exchange (CCID) Diversion, Actual Diversion

March DWRSIM Flows (flows sorted in ascending order)

Wet		Above Normal		Below Normal		Dry		Critical	
Date	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**
Mar-65	20	Mar-35	16	Mar-48	15	Mar-33	14	Mar-91	14
Mar-37	20	Mar-32	18	Mar-49	19	Mar-26	19	Mar-31	15
Mar-86	20	Mar-27	21	Mar-50	20	Mar-47	19	Mar-77	15
Mar-22	21	Mar-36	21	Mar-25	21	Mar-39	20	Mar-89	15
Mar-93	21	Mar-63	21	Mar-54	21	Mar-85	21	Mar-92	15
Mar-42	21	Mar-23	21	Mar-62	21	Mar-55	21	Mar-24	15
Mar-56	21	Mar-46	21	Mar-28	21	Mar-64	21	Mar-34	16
Mar-67	21	Mar-51	21	Mar-44	21	Mar-72	21	Mar-90	17
Mar-74	21	Mar-45	21	Mar-57	21	Mar-81	21	Mar-76	17
Mar-75	21	Mar-84	21	Mar-66	21	Mar-68	21	Mar-29	18
Mar-41	21	Mar-73	21	Mar-53	21	Mar-59	21	Mar-88	19
Mar-52	21	Mar-70	21	Mar-71	21			Mar-87	19
Mar-78	21	Mar-79	21					Mar-61	20
Mar-58	21	Mar-40	21					Mar-60	20
Mar-82	21							Mar-30	20
Mar-80	21							Mar-94	21
Mar-69	21								
Mar-43	21								
Mar-38	21								
Mar-83	21								

DWRSIM Control Point 722, Central Valley Project Lower Delta-Mendota Canal Exchange (CCID) Diversion, Actual Diversion

April DWRSIM Flows (flows sorted in ascending order)

Wet		Above Normal		Below Normal		Dry		Critical	
Date	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**
Apr-65	24	Apr-32	22	Apr-48	23	Apr-33	19	Apr-91	18
Apr-86	24	Apr-35	24	Apr-62	26	Apr-26	24	Apr-24	19
Apr-22	26	Apr-73	26	Apr-44	26	Apr-39	26	Apr-31	19
Apr-37	26	Apr-63	26	Apr-25	26	Apr-85	26	Apr-77	19
Apr-75	26	Apr-79	26	Apr-28	26	Apr-55	26	Apr-92	20
Apr-80	26	Apr-45	26	Apr-54	26	Apr-59	26	Apr-34	20
Apr-74	26	Apr-36	26	Apr-49	26	Apr-64	26	Apr-76	21
Apr-42	26	Apr-27	26	Apr-50	26	Apr-81	26	Apr-90	21
Apr-43	26	Apr-40	26	Apr-57	26	Apr-68	26	Apr-29	22
Apr-56	26	Apr-23	26	Apr-66	26	Apr-47	26	Apr-88	23
Apr-93	26	Apr-70	26	Apr-53	26	Apr-72	26	Apr-30	24
Apr-41	26	Apr-46	26	Apr-71	26			Apr-87	26
Apr-52	26	Apr-51	26					Apr-61	26
Apr-58	26	Apr-84	26					Apr-60	26
Apr-67	26							Apr-94	26
Apr-78	26							Apr-89	26
Apr-38	26								
Apr-83	26								
Apr-69	26								
Apr-82	26								

DWRSIM Control Point 722, Central Valley Project Lower Delta-Mendota Canal Exchange (CCID) Diversion, Actual Diversion

May DWRSIM Flows (flows sorted in ascending order)

Wet		Above Normal		Below Normal		Dry		Critical	
Date	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**
May-86	27	May-32	25	May-66	28	May-33	21	May-91	20
May-74	28	May-46	28	May-28	28	May-26	27	May-24	21
May-75	28	May-63	28	May-54	28	May-55	28	May-77	21
May-42	28	May-73	28	May-57	28	May-81	28	May-31	21
May-22	28	May-27	28	May-53	28	May-85	28	May-92	22
May-43	28	May-23	28	May-71	28	May-64	28	May-34	22
May-56	28	May-70	28	May-44	29	May-68	28	May-76	23
May-93	28	May-51	28	May-49	29	May-59	28	May-90	23
May-80	28	May-84	28	May-25	29	May-72	28	May-29	24
May-41	28	May-45	29	May-62	29	May-39	29	May-88	26
May-78	28	May-79	29	May-50	29	May-47	29	May-30	27
May-58	28	May-36	29	May-48	30			May-87	28
May-82	28	May-40	29					May-60	29
May-67	28	May-35	30					May-89	29
May-52	28							May-94	29
May-83	28							May-61	29
May-38	28								
May-69	28								
May-65	29								
May-37	29								

DWRSIM Control Point 722, Central Valley Project Lower Delta-Mendota Canal Exchange (CCID) Diversion, Actual Diversion

June DWRSIM Flows (flows sorted in ascending order)

Wet		Above Normal		Below Normal		Dry		Critical	
Date	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**
Jun-86	33	Jun-32	30	Jun-28	34	Jun-33	26	Jun-91	24
Jun-74	34	Jun-23	34	Jun-54	34	Jun-26	32	Jun-31	26
Jun-43	34	Jun-36	34	Jun-50	34	Jun-68	34	Jun-77	26
Jun-42	34	Jun-45	34	Jun-66	34	Jun-81	34	Jun-24	26
Jun-78	34	Jun-46	34	Jun-44	34	Jun-59	34	Jun-92	26
Jun-93	34	Jun-79	34	Jun-57	34	Jun-85	34	Jun-34	27
Jun-75	34	Jun-51	34	Jun-53	34	Jun-72	34	Jun-90	28
Jun-80	34	Jun-70	34	Jun-71	34	Jun-55	34	Jun-76	28
Jun-56	34	Jun-73	34	Jun-25	35	Jun-39	34	Jun-29	29
Jun-22	34	Jun-84	34	Jun-49	35	Jun-64	34	Jun-88	31
Jun-41	34	Jun-63	34	Jun-62	35	Jun-47	35	Jun-30	33
Jun-82	34	Jun-27	34	Jun-48	36			Jun-87	34
Jun-58	34	Jun-40	34					Jun-94	34
Jun-52	34	Jun-35	36					Jun-89	35
Jun-67	34							Jun-61	35
Jun-38	34							Jun-60	35
Jun-69	34								
Jun-83	34								
Jun-37	35								
Jun-65	35								

DWRSIM Control Point 722, Central Valley Project Lower Delta-Mendota Canal Exchange (CCID) Diversion, Actual Diversion

July DWRSIM Flows (flows sorted in ascending order)

Wet		Above Normal		Below Normal		Dry		Critical	
Date	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**
Jul-86	35	Jul-32	32	Jul-62	37	Jul-33	28	Jul-91	26
Jul-41	37	Jul-63	37	Jul-28	37	Jul-26	35	Jul-31	28
Jul-58	37	Jul-36	37	Jul-57	37	Jul-64	37	Jul-24	28
Jul-75	37	Jul-27	37	Jul-50	37	Jul-72	37	Jul-77	28
Jul-74	37	Jul-73	37	Jul-53	37	Jul-55	37	Jul-34	29
Jul-22	37	Jul-79	37	Jul-54	37	Jul-81	37	Jul-92	29
Jul-43	37	Jul-51	37	Jul-71	37	Jul-85	37	Jul-90	30
Jul-56	37	Jul-40	37	Jul-66	37	Jul-68	37	Jul-76	30
Jul-93	37	Jul-23	37	Jul-44	37	Jul-59	37	Jul-29	32
Jul-42	37	Jul-45	37	Jul-25	38	Jul-39	37	Jul-88	33
Jul-78	37	Jul-70	37	Jul-49	38	Jul-47	38	Jul-30	35
Jul-52	37	Jul-84	37	Jul-48	39			Jul-61	37
Jul-82	37	Jul-46	37					Jul-87	37
Jul-38	37	Jul-35	39					Jul-94	37
Jul-80	37							Jul-89	38
Jul-69	37							Jul-60	38
Jul-67	37								
Jul-83	37								
Jul-37	38								
Jul-65	38								

DWRSIM Control Point 722, Central Valley Project Lower Delta-Mendota Canal Exchange (CCID) Diversion, Actual Diversion

August DWRSIM Flows (flows sorted in ascending order)

Wet		Above Normal		Below Normal		Dry		Critical	
Date	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**
Aug-86	34	Aug-32	31	Aug-28	36	Aug-33	27	Aug-91	25
Aug-58	36	Aug-63	36	Aug-62	36	Aug-26	34	Aug-92	27
Aug-38	36	Aug-27	36	Aug-25	36	Aug-81	36	Aug-31	27
Aug-52	36	Aug-73	36	Aug-57	36	Aug-64	36	Aug-24	27
Aug-78	36	Aug-36	36	Aug-71	36	Aug-72	36	Aug-77	27
Aug-65	36	Aug-79	36	Aug-53	36	Aug-68	36	Aug-34	28
Aug-41	36	Aug-23	36	Aug-66	36	Aug-85	36	Aug-90	29
Aug-42	36	Aug-45	36	Aug-50	36	Aug-59	36	Aug-76	29
Aug-56	36	Aug-70	36	Aug-49	36	Aug-55	36	Aug-29	30
Aug-74	36	Aug-51	36	Aug-54	36	Aug-47	36	Aug-88	32
Aug-80	36	Aug-84	36	Aug-44	36	Aug-39	36	Aug-30	34
Aug-67	36	Aug-40	36	Aug-48	37			Aug-89	35
Aug-69	36	Aug-46	36					Aug-87	35
Aug-22	36	Aug-35	37					Aug-61	36
Aug-37	36							Aug-60	36
Aug-82	36							Aug-94	36
Aug-43	36								
Aug-75	36								
Aug-83	36								
Aug-93	36								

DWRSIM Control Point 722, Central Valley Project Lower Delta-Mendota Canal Exchange (CCID) Diversion, Actual Diversion

September DWRSIM Flows (flows sorted in ascending order)

Wet		Above Normal		Below Normal		Dry		Critical	
Date	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**
Sep-86	16	Sep-32	14	Sep-28	17	Sep-33	13	Sep-91	12
Sep-65	17	Sep-63	17	Sep-25	17	Sep-26	16	Sep-92	13
Sep-75	17	Sep-79	17	Sep-62	17	Sep-72	17	Sep-31	13
Sep-22	17	Sep-23	17	Sep-66	17	Sep-64	17	Sep-34	13
Sep-74	17	Sep-36	17	Sep-50	17	Sep-59	17	Sep-24	13
Sep-37	17	Sep-73	17	Sep-49	17	Sep-68	17	Sep-77	13
Sep-43	17	Sep-51	17	Sep-57	17	Sep-81	17	Sep-29	14
Sep-41	17	Sep-70	17	Sep-53	17	Sep-39	17	Sep-90	14
Sep-56	17	Sep-40	17	Sep-54	17	Sep-55	17	Sep-76	14
Sep-93	17	Sep-84	17	Sep-71	17	Sep-47	17	Sep-88	15
Sep-42	17	Sep-45	17	Sep-44	17	Sep-85	17	Sep-30	16
Sep-58	17	Sep-46	17	Sep-48	18			Sep-61	17
Sep-52	17	Sep-27	17					Sep-89	17
Sep-69	17	Sep-35	18					Sep-94	17
Sep-38	17							Sep-87	17
Sep-80	17							Sep-60	17
Sep-78	17								
Sep-67	17								
Sep-82	17								
Sep-83	17								

DWRSIM Control Point 722, Central Valley Project Lower Delta-Mendota Canal Exchange (CCID) Diversion, Actual Diversion

October DWRSIM Flows (flows sorted in ascending order)

Wet		Above Normal		Below Normal		Dry		Critical	
Date	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**
Oct-37	9	Oct-32	8	Oct-28	9	Oct-33	7	Oct-91	6
Oct-43	9	Oct-84	9	Oct-25	9	Oct-59	9	Oct-90	7
Oct-74	9	Oct-70	9	Oct-49	9	Oct-47	9	Oct-31	7
Oct-86	9	Oct-51	9	Oct-53	9	Oct-39	9	Oct-77	7
Oct-22	9	Oct-21	9	Oct-62	9	Oct-72	9	Oct-92	7
Oct-93	9	Oct-46	9	Oct-48	9	Oct-26	9	Oct-76	7
Oct-75	9	Oct-63	9	Oct-54	9	Oct-64	9	Oct-34	7
Oct-78	9	Oct-40	9	Oct-71	9	Oct-81	9	Oct-24	7
Oct-65	9	Oct-36	9	Oct-50	9	Oct-68	9	Oct-88	8
Oct-56	9	Oct-79	9	Oct-57	9	Oct-55	9	Oct-29	8
Oct-58	9	Oct-23	9	Oct-44	9	Oct-85	9	Oct-89	9
Oct-67	9	Oct-35	9	Oct-66	9			Oct-61	9
Oct-41	9	Oct-73	9					Oct-30	9
Oct-80	9	Oct-45	9					Oct-87	9
Oct-42	9	Oct-27	9					Oct-60	9
Oct-69	9								
Oct-52	9								
Oct-38	9								
Oct-83	9								
Oct-82	9								

DWRSIM Control Point 722, Central Valley Project Lower Delta-Mendota Canal Exchange (CCID) Diversion, Actual Diversion

November DWRSIM Flows (flows sorted in ascending order)

Wet		Above Normal		Below Normal		Dry		Critical	
Date	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**
Nov-56	3	Nov-32	3	Nov-28	3	Nov-33	2	Nov-31	2
Nov-86	3	Nov-23	3	Nov-25	3	Nov-59	3	Nov-24	2
Nov-43	3	Nov-27	3	Nov-71	3	Nov-47	3	Nov-77	2
Nov-74	3	Nov-35	3	Nov-62	3	Nov-72	3	Nov-91	2
Nov-93	3	Nov-84	3	Nov-49	3	Nov-39	3	Nov-92	2
Nov-75	3	Nov-36	3	Nov-54	3	Nov-26	3	Nov-30	3
Nov-37	3	Nov-70	3	Nov-48	3	Nov-55	3	Nov-88	3
Nov-67	3	Nov-51	3	Nov-53	3	Nov-64	3	Nov-90	3
Nov-58	3	Nov-21	3	Nov-57	3	Nov-68	3	Nov-89	3
Nov-78	3	Nov-79	3	Nov-66	3	Nov-85	3	Nov-29	3
Nov-22	3	Nov-40	3	Nov-44	3	Nov-81	3	Nov-60	3
Nov-80	3	Nov-63	3	Nov-50	3			Nov-87	3
Nov-52	3	Nov-46	3					Nov-61	3
Nov-41	3	Nov-45	3					Nov-76	3
Nov-38	3	Nov-73	3					Nov-34	3
Nov-69	3								
Nov-42	3								
Nov-65	3								
Nov-82	3								
Nov-83	3								

DWRSIM Control Point 722, Central Valley Project Lower Delta-Mendota Canal Exchange (CCID) Diversion, Actual Diversion

December DWRSIM Flows (flows sorted in ascending order)

Wet		Above Normal		Below Normal		Dry		Critical	
Date	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**
Dec-93	1	Dec-32	1	Dec-28	1	Dec-33	1	Dec-91	0
Dec-86	1	Dec-23	1	Dec-25	1	Dec-59	1	Dec-88	1
Dec-78	1	Dec-84	1	Dec-62	1	Dec-47	1	Dec-90	1
Dec-56	1	Dec-35	1	Dec-49	1	Dec-72	1	Dec-60	1
Dec-75	1	Dec-63	1	Dec-48	1	Dec-26	1	Dec-30	1
Dec-67	1	Dec-70	1	Dec-54	1	Dec-39	1	Dec-89	1
Dec-43	1	Dec-51	1	Dec-71	1	Dec-85	1	Dec-29	1
Dec-58	1	Dec-79	1	Dec-53	1	Dec-68	1	Dec-87	1
Dec-74	1	Dec-36	1	Dec-57	1	Dec-81	1	Dec-61	1
Dec-80	1	Dec-21	1	Dec-44	1	Dec-64	1	Dec-24	1
Dec-38	1	Dec-27	1	Dec-66	1	Dec-55	1	Dec-76	1
Dec-52	1	Dec-46	1	Dec-50	1			Dec-34	1
Dec-22	1	Dec-73	1					Dec-77	1
Dec-69	1	Dec-40	1					Dec-92	1
Dec-42	1	Dec-45	1					Dec-31	1
Dec-41	1								
Dec-65	1								
Dec-37	1								
Dec-82	1								
Dec-83	1								

DWRSIM Control Point 723, Central Valley Project Lower Delta-Mendota Canal Volta Refuge Diversion, Actual Diversion

January DWRSIM Flows (flows sorted in ascending order)

Wet		Above Normal		Below Normal		Dry		Critical	
Date	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**
Jan-78	1	Jan-32	1	Jan-25	1	Jan-26	2	Jan-34	1
Jan-58	2	Jan-27	2	Jan-62	2	Jan-72	2	Jan-92	1
Jan-22	2	Jan-63	2	Jan-49	2	Jan-55	2	Jan-61	2
Jan-67	2	Jan-35	2	Jan-48	2	Jan-33	2	Jan-89	2
Jan-86	2	Jan-45	2	Jan-50	2	Jan-85	2	Jan-30	2
Jan-75	2	Jan-73	2	Jan-54	2	Jan-64	2	Jan-90	2
Jan-37	2	Jan-36	2	Jan-71	2	Jan-68	2	Jan-31	2
Jan-93	2	Jan-40	2	Jan-57	2	Jan-47	2	Jan-91	2
Jan-41	2	Jan-23	2	Jan-28	2	Jan-59	2	Jan-60	2
Jan-52	2	Jan-79	2	Jan-44	2	Jan-39	2	Jan-77	2
Jan-38	2	Jan-46	2	Jan-66	2	Jan-81	2	Jan-29	2
Jan-74	2	Jan-51	2	Jan-53	2			Jan-88	2
Jan-42	2	Jan-84	2					Jan-94	2
Jan-65	2	Jan-70	2					Jan-24	2
Jan-82	2							Jan-87	2
Jan-43	2							Jan-76	2
Jan-69	2								
Jan-80	2								
Jan-56	2								
Jan-83	2								

DWRSIM Control Point 723, Central Valley Project Lower Delta-Mendota Canal Volta Refuge Diversion, Actual Diversion

February DWRSIM Flows (flows sorted in ascending order)

Wet		Above Normal		Below Normal		Dry		Critical	
Date	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**
Feb-67	1	Feb-35	1	Feb-49	1	Feb-33	1	Feb-61	1
Feb-58	1	Feb-23	1	Feb-48	1	Feb-55	1	Feb-89	1
Feb-78	1	Feb-27	1	Feb-50	1	Feb-72	1	Feb-90	1
Feb-93	1	Feb-63	1	Feb-25	1	Feb-85	1	Feb-30	1
Feb-22	1	Feb-32	1	Feb-54	1	Feb-64	1	Feb-29	1
Feb-52	1	Feb-73	1	Feb-28	1	Feb-26	1	Feb-34	1
Feb-74	1	Feb-40	1	Feb-71	1	Feb-47	1	Feb-88	1
Feb-75	1	Feb-46	1	Feb-57	1	Feb-81	1	Feb-77	1
Feb-65	1	Feb-45	1	Feb-44	1	Feb-39	1	Feb-91	1
Feb-42	1	Feb-51	1	Feb-62	1	Feb-68	1	Feb-31	1
Feb-37	1	Feb-79	1	Feb-66	1	Feb-59	1	Feb-60	1
Feb-43	1	Feb-70	1	Feb-53	1			Feb-92	1
Feb-56	1	Feb-36	1					Feb-24	1
Feb-41	1	Feb-84	1					Feb-87	1
Feb-82	1							Feb-94	1
Feb-38	1							Feb-76	1
Feb-86	1								
Feb-80	1								
Feb-69	1								
Feb-83	1								

DWRSIM Control Point 723, Central Valley Project Lower Delta-Mendota Canal Volta Refuge Diversion, Actual Diversion

March DWRSIM Flows (flows sorted in ascending order)

Wet		Above Normal		Below Normal		Dry		Critical	
Date	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**
Mar-22	1	Mar-32	1	Mar-48	1	Mar-33	1	Mar-31	1
Mar-93	1	Mar-27	1	Mar-25	1	Mar-85	1	Mar-61	1
Mar-65	1	Mar-35	1	Mar-50	1	Mar-26	1	Mar-90	1
Mar-42	1	Mar-36	1	Mar-54	1	Mar-47	1	Mar-77	1
Mar-56	1	Mar-63	1	Mar-62	1	Mar-55	1	Mar-88	1
Mar-37	1	Mar-23	1	Mar-49	1	Mar-39	1	Mar-34	1
Mar-67	1	Mar-46	1	Mar-28	1	Mar-64	1	Mar-89	1
Mar-74	1	Mar-51	1	Mar-44	1	Mar-72	1	Mar-92	1
Mar-75	1	Mar-45	1	Mar-57	1	Mar-81	1	Mar-29	1
Mar-41	1	Mar-84	1	Mar-66	1	Mar-68	1	Mar-60	1
Mar-52	1	Mar-73	1	Mar-53	1	Mar-59	1	Mar-30	1
Mar-78	1	Mar-70	1	Mar-71	1			Mar-94	1
Mar-58	1	Mar-79	1					Mar-24	1
Mar-82	1	Mar-40	1					Mar-91	1
Mar-80	1							Mar-76	1
Mar-69	1							Mar-87	1
Mar-43	1								
Mar-38	1								
Mar-86	1								
Mar-83	1								

DWRSIM Control Point 723, Central Valley Project Lower Delta-Mendota Canal Volta Refuge Diversion, Actual Diversion

April DWRSIM Flows (flows sorted in ascending order)

Wet		Above Normal		Below Normal		Dry		Critical	
Date	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**
Apr-22	2	Apr-32	2	Apr-62	2	Apr-39	2	Apr-91	2
Apr-37	2	Apr-73	2	Apr-44	2	Apr-85	2	Apr-87	2
Apr-75	2	Apr-63	2	Apr-25	2	Apr-33	2	Apr-92	2
Apr-65	2	Apr-79	2	Apr-28	2	Apr-55	2	Apr-34	2
Apr-80	2	Apr-45	2	Apr-48	2	Apr-59	2	Apr-29	2
Apr-74	2	Apr-36	2	Apr-54	2	Apr-64	2	Apr-76	2
Apr-42	2	Apr-27	2	Apr-49	2	Apr-26	2	Apr-61	2
Apr-43	2	Apr-35	2	Apr-50	2	Apr-81	2	Apr-90	2
Apr-56	2	Apr-40	2	Apr-57	2	Apr-68	2	Apr-24	2
Apr-93	2	Apr-23	2	Apr-66	2	Apr-47	2	Apr-88	2
Apr-41	2	Apr-70	2	Apr-53	2	Apr-72	2	Apr-60	2
Apr-86	2	Apr-46	2	Apr-71	2			Apr-94	2
Apr-52	2	Apr-51	2					Apr-31	2
Apr-58	2	Apr-84	2					Apr-30	2
Apr-67	2							Apr-77	2
Apr-78	2							Apr-89	2
Apr-38	2								
Apr-83	2								
Apr-69	2								
Apr-82	2								

DWRSIM Control Point 723, Central Valley Project Lower Delta-Mendota Canal Volta Refuge Diversion, Actual Diversion

May DWRSIM Flows (flows sorted in ascending order)

Wet		Above Normal		Below Normal		Dry		Critical	
Date	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**
May-74	4	May-45	4	May-44	4	May-33	3	May-91	3
May-75	4	May-46	4	May-49	4	May-55	4	May-24	3
May-42	4	May-63	4	May-66	4	May-39	4	May-77	3
May-22	4	May-32	4	May-48	4	May-81	4	May-31	3
May-65	4	May-35	4	May-25	4	May-85	4	May-60	4
May-43	4	May-73	4	May-28	4	May-64	4	May-87	4
May-56	4	May-79	4	May-62	4	May-68	4	May-89	4
May-93	4	May-36	4	May-54	4	May-47	4	May-29	4
May-80	4	May-27	4	May-57	4	May-59	4	May-30	4
May-37	4	May-23	4	May-50	4	May-72	4	May-88	4
May-41	4	May-40	4	May-53	4	May-26	4	May-94	4
May-86	4	May-70	4	May-71	4			May-76	4
May-78	4	May-51	4					May-61	4
May-58	4	May-84	4					May-92	4
May-82	4							May-90	4
May-67	4							May-34	4
May-52	4								
May-83	4								
May-38	4								
May-69	4								

DWRSIM Control Point 723, Central Valley Project Lower Delta-Mendota Canal Volta Refuge Diversion, Actual Diversion

June DWRSIM Flows (flows sorted in ascending order)

Wet		Above Normal		Below Normal		Dry		Critical	
Date	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**
Jun-37	3	Jun-23	3	Jun-25	3	Jun-26	3	Jun-91	2
Jun-65	3	Jun-36	3	Jun-28	3	Jun-68	3	Jun-90	3
Jun-74	3	Jun-45	3	Jun-54	3	Jun-81	3	Jun-31	3
Jun-43	3	Jun-46	3	Jun-50	3	Jun-59	3	Jun-34	3
Jun-42	3	Jun-79	3	Jun-49	3	Jun-85	3	Jun-30	3
Jun-78	3	Jun-32	3	Jun-66	3	Jun-47	3	Jun-89	3
Jun-93	3	Jun-51	3	Jun-62	3	Jun-72	3	Jun-88	3
Jun-75	3	Jun-70	3	Jun-44	3	Jun-55	3	Jun-29	3
Jun-80	3	Jun-73	3	Jun-48	3	Jun-39	3	Jun-61	3
Jun-56	3	Jun-84	3	Jun-57	3	Jun-64	3	Jun-77	3
Jun-22	3	Jun-63	3	Jun-53	3	Jun-33	3	Jun-76	3
Jun-41	3	Jun-35	3	Jun-71	3			Jun-60	3
Jun-86	3	Jun-27	3					Jun-87	3
Jun-82	3	Jun-40	3					Jun-24	3
Jun-58	3							Jun-94	3
Jun-52	3							Jun-92	3
Jun-67	3								
Jun-38	3								
Jun-69	3								
Jun-83	3								

DWRSIM Control Point 723, Central Valley Project Lower Delta-Mendota Canal Volta Refuge Diversion, Actual Diversion

July DWRSIM Flows (flows sorted in ascending order)

Wet		Above Normal		Below Normal		Dry		Critical	
Date	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**
Jul-41	2	Jul-63	2	Jul-62	2	Jul-33	1	Jul-91	1
Jul-58	2	Jul-35	2	Jul-28	2	Jul-64	2	Jul-24	1
Jul-37	2	Jul-36	2	Jul-25	2	Jul-26	2	Jul-77	1
Jul-65	2	Jul-32	2	Jul-57	2	Jul-72	2	Jul-29	2
Jul-75	2	Jul-27	2	Jul-48	2	Jul-55	2	Jul-30	2
Jul-74	2	Jul-73	2	Jul-49	2	Jul-81	2	Jul-90	2
Jul-22	2	Jul-79	2	Jul-50	2	Jul-85	2	Jul-34	2
Jul-43	2	Jul-51	2	Jul-53	2	Jul-47	2	Jul-88	2
Jul-86	2	Jul-40	2	Jul-54	2	Jul-68	2	Jul-31	2
Jul-56	2	Jul-23	2	Jul-71	2	Jul-59	2	Jul-89	2
Jul-93	2	Jul-45	2	Jul-66	2	Jul-39	2	Jul-61	2
Jul-42	2	Jul-70	2	Jul-44	2			Jul-60	2
Jul-78	2	Jul-84	2					Jul-76	2
Jul-52	2	Jul-46	2					Jul-87	2
Jul-82	2							Jul-94	2
Jul-38	2							Jul-92	2
Jul-80	2								
Jul-69	2								
Jul-67	2								
Jul-83	2								

DWRSIM Control Point 723, Central Valley Project Lower Delta-Mendota Canal Volta Refuge Diversion, Actual Diversion

August DWRSIM Flows (flows sorted in ascending order)

Wet		Above Normal		Below Normal		Dry		Critical	
Date	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**
Aug-58	2	Aug-63	2	Aug-28	2	Aug-26	2	Aug-91	1
Aug-38	2	Aug-27	2	Aug-62	2	Aug-81	2	Aug-92	2
Aug-52	2	Aug-32	2	Aug-25	2	Aug-64	2	Aug-29	2
Aug-78	2	Aug-35	2	Aug-48	2	Aug-33	2	Aug-30	2
Aug-65	2	Aug-73	2	Aug-57	2	Aug-72	2	Aug-90	2
Aug-41	2	Aug-36	2	Aug-71	2	Aug-68	2	Aug-34	2
Aug-42	2	Aug-79	2	Aug-53	2	Aug-85	2	Aug-31	2
Aug-56	2	Aug-23	2	Aug-66	2	Aug-59	2	Aug-89	2
Aug-74	2	Aug-45	2	Aug-50	2	Aug-55	2	Aug-61	2
Aug-80	2	Aug-70	2	Aug-49	2	Aug-47	2	Aug-88	2
Aug-67	2	Aug-51	2	Aug-54	2	Aug-39	2	Aug-24	2
Aug-69	2	Aug-84	2	Aug-44	2			Aug-76	2
Aug-22	2	Aug-40	2					Aug-87	2
Aug-37	2	Aug-46	2					Aug-77	2
Aug-82	2							Aug-60	2
Aug-43	2							Aug-94	2
Aug-86	2								
Aug-75	2								
Aug-83	2								
Aug-93	2								

DWRSIM Control Point 723, Central Valley Project Lower Delta-Mendota Canal Volta Refuge Diversion, Actual Diversion

September DWRSIM Flows (flows sorted in ascending order)

Wet		Above Normal		Below Normal		Dry		Critical	
Date	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**
Sep-65	5	Sep-32	5	Sep-28	5	Sep-33	4	Sep-91	3
Sep-75	5	Sep-63	5	Sep-25	5	Sep-72	5	Sep-31	4
Sep-22	5	Sep-79	5	Sep-62	5	Sep-64	5	Sep-24	4
Sep-74	5	Sep-35	5	Sep-66	5	Sep-26	5	Sep-77	4
Sep-37	5	Sep-23	5	Sep-50	5	Sep-59	5	Sep-92	5
Sep-43	5	Sep-36	5	Sep-49	5	Sep-68	5	Sep-29	5
Sep-41	5	Sep-73	5	Sep-57	5	Sep-81	5	Sep-30	5
Sep-86	5	Sep-51	5	Sep-48	5	Sep-39	5	Sep-88	5
Sep-56	5	Sep-70	5	Sep-53	5	Sep-55	5	Sep-61	5
Sep-93	5	Sep-40	5	Sep-54	5	Sep-47	5	Sep-90	5
Sep-42	5	Sep-84	5	Sep-71	5	Sep-85	5	Sep-34	5
Sep-58	5	Sep-45	5	Sep-44	5			Sep-89	5
Sep-52	5	Sep-46	5					Sep-76	5
Sep-69	5	Sep-27	5					Sep-94	5
Sep-38	5							Sep-87	5
Sep-80	5							Sep-60	5
Sep-78	5								
Sep-67	5								
Sep-82	5								
Sep-83	5								

DWRSIM Control Point 723, Central Valley Project Lower Delta-Mendota Canal Volta Refuge Diversion, Actual Diversion

October DWRSIM Flows (flows sorted in ascending order)

Wet		Above Normal		Below Normal		Dry		Critical	
Date	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**
Oct-37	7	Oct-84	7	Oct-28	7	Oct-33	6	Oct-91	5
Oct-43	7	Oct-70	7	Oct-25	7	Oct-59	7	Oct-24	5
Oct-74	7	Oct-51	7	Oct-49	7	Oct-47	7	Oct-31	6
Oct-86	7	Oct-21	7	Oct-53	7	Oct-39	7	Oct-77	6
Oct-22	7	Oct-46	7	Oct-62	7	Oct-72	7	Oct-90	7
Oct-93	7	Oct-63	7	Oct-48	7	Oct-26	7	Oct-88	7
Oct-75	7	Oct-40	7	Oct-54	7	Oct-64	7	Oct-89	7
Oct-78	7	Oct-36	7	Oct-71	7	Oct-81	7	Oct-61	7
Oct-65	7	Oct-79	7	Oct-50	7	Oct-68	7	Oct-30	7
Oct-56	7	Oct-23	7	Oct-57	7	Oct-55	7	Oct-92	7
Oct-58	7	Oct-32	7	Oct-44	7	Oct-85	7	Oct-76	7
Oct-67	7	Oct-35	7	Oct-66	7			Oct-87	7
Oct-41	7	Oct-73	7					Oct-60	7
Oct-80	7	Oct-45	7					Oct-34	7
Oct-42	7	Oct-27	7					Oct-29	7
Oct-69	7								
Oct-52	7								
Oct-38	7								
Oct-83	7								
Oct-82	7								

DWRSIM Control Point 723, Central Valley Project Lower Delta-Mendota Canal Volta Refuge Diversion, Actual Diversion

November DWRSIM Flows (flows sorted in ascending order)

Wet		Above Normal		Below Normal		Dry		Critical	
Date	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**
Nov-56	5	Nov-32	5	Nov-28	5	Nov-33	4	Nov-91	3
Nov-86	5	Nov-23	5	Nov-25	5	Nov-59	5	Nov-31	4
Nov-43	5	Nov-27	5	Nov-71	5	Nov-47	5	Nov-24	4
Nov-74	5	Nov-35	5	Nov-62	5	Nov-72	5	Nov-77	4
Nov-93	5	Nov-84	5	Nov-49	5	Nov-39	5	Nov-30	5
Nov-75	5	Nov-36	5	Nov-54	5	Nov-26	5	Nov-88	5
Nov-37	5	Nov-70	5	Nov-48	5	Nov-55	5	Nov-90	5
Nov-67	5	Nov-51	5	Nov-53	5	Nov-64	5	Nov-89	5
Nov-58	5	Nov-21	5	Nov-57	5	Nov-68	5	Nov-29	5
Nov-78	5	Nov-79	5	Nov-66	5	Nov-85	5	Nov-60	5
Nov-22	5	Nov-40	5	Nov-44	5	Nov-81	5	Nov-87	5
Nov-80	5	Nov-63	5	Nov-50	5			Nov-61	5
Nov-52	5	Nov-46	5					Nov-76	5
Nov-41	5	Nov-45	5					Nov-34	5
Nov-38	5	Nov-73	5					Nov-92	5
Nov-69	5								
Nov-42	5								
Nov-65	5								
Nov-82	5								
Nov-83	5								

DWRSIM Control Point 723, Central Valley Project Lower Delta-Mendota Canal Volta Refuge Diversion, Actual Diversion

December DWRSIM Flows (flows sorted in ascending order)

Wet		Above Normal		Below Normal		Dry		Critical	
Date	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**
Dec-93	2	Dec-32	2	Dec-28	2	Dec-33	2	Dec-88	2
Dec-86	2	Dec-23	2	Dec-25	2	Dec-59	2	Dec-90	2
Dec-78	2	Dec-84	2	Dec-62	2	Dec-47	2	Dec-60	2
Dec-56	2	Dec-35	2	Dec-49	2	Dec-72	2	Dec-30	2
Dec-75	2	Dec-63	2	Dec-48	2	Dec-26	2	Dec-89	2
Dec-67	2	Dec-70	2	Dec-54	2	Dec-39	2	Dec-29	2
Dec-43	2	Dec-51	2	Dec-71	2	Dec-85	2	Dec-87	2
Dec-58	2	Dec-79	2	Dec-53	2	Dec-68	2	Dec-91	2
Dec-74	2	Dec-36	2	Dec-57	2	Dec-81	2	Dec-61	2
Dec-80	2	Dec-21	2	Dec-44	2	Dec-64	2	Dec-24	2
Dec-38	2	Dec-27	2	Dec-66	2	Dec-55	2	Dec-76	2
Dec-52	2	Dec-46	2	Dec-50	2			Dec-34	2
Dec-22	2	Dec-73	2					Dec-77	2
Dec-69	2	Dec-40	2					Dec-92	2
Dec-42	2	Dec-45	2					Dec-31	2
Dec-41	2								
Dec-65	2								
Dec-37	2								
Dec-82	2								
Dec-83	2								

DWRSIM Control Point 730, Central Valley Project Mendota Pool, Project Ag Diversion, Actual Diversion

January DWRSIM Flows (flows sorted in ascending order)

Wet		Above Normal		Below Normal		Dry		Critical	
Date	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**
Jan-58	0	Jan-27	0	Jan-25	0	Jan-26	0	Jan-61	0
Jan-86	0	Jan-35	0	Jan-62	0	Jan-55	0	Jan-89	0
Jan-78	0	Jan-32	0	Jan-49	0	Jan-33	0	Jan-30	0
Jan-37	0	Jan-45	0	Jan-48	0	Jan-85	0	Jan-34	0
Jan-93	0	Jan-73	0	Jan-50	0	Jan-81	0	Jan-90	0
Jan-41	0	Jan-36	0	Jan-71	0	Jan-72	1	Jan-31	0
Jan-52	0	Jan-40	0	Jan-44	0	Jan-64	1	Jan-91	0
Jan-38	0	Jan-46	0	Jan-66	0	Jan-68	1	Jan-60	0
Jan-74	0	Jan-51	0	Jan-54	1	Jan-47	1	Jan-77	0
Jan-65	0	Jan-63	1	Jan-57	1	Jan-59	1	Jan-92	0
Jan-82	0	Jan-23	1	Jan-28	1	Jan-39	1	Jan-29	0
Jan-69	0	Jan-79	1	Jan-53	1			Jan-88	0
Jan-80	0	Jan-84	1					Jan-24	0
Jan-56	0	Jan-70	1					Jan-87	0
Jan-22	1							Jan-94	1
Jan-67	1							Jan-76	1
Jan-75	1								
Jan-42	1								
Jan-43	1								
Jan-83	1								

DWRSIM Control Point 730, Central Valley Project Mendota Pool, Project Ag Diversion, Actual Diversion

February DWRSIM Flows (flows sorted in ascending order)

Wet		Above Normal		Below Normal		Dry		Critical	
Date	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**
Feb-37	1	Feb-35	0	Feb-25	0	Feb-33	0	Feb-89	0
Feb-58	2	Feb-32	1	Feb-49	1	Feb-26	0	Feb-34	0
Feb-78	2	Feb-40	1	Feb-48	1	Feb-47	1	Feb-77	0
Feb-93	2	Feb-45	1	Feb-62	1	Feb-55	2	Feb-91	0
Feb-22	2	Feb-79	1	Feb-50	2	Feb-72	2	Feb-31	0
Feb-74	2	Feb-36	1	Feb-54	2	Feb-85	2	Feb-60	0
Feb-75	2	Feb-23	2	Feb-28	2	Feb-64	2	Feb-92	0
Feb-65	2	Feb-63	2	Feb-57	2	Feb-81	2	Feb-24	0
Feb-42	2	Feb-73	2	Feb-44	2	Feb-39	2	Feb-90	1
Feb-43	2	Feb-46	2	Feb-66	2	Feb-68	2	Feb-30	1
Feb-82	2	Feb-51	2	Feb-53	2	Feb-59	2	Feb-29	1
Feb-38	2	Feb-70	2	Feb-71	3			Feb-87	1
Feb-86	2	Feb-84	2					Feb-76	1
Feb-80	2	Feb-27	3					Feb-61	2
Feb-67	3							Feb-88	2
Feb-56	3							Feb-94	2
Feb-41	3								
Feb-69	3								
Feb-83	3								
Feb-52	4								

DWRSIM Control Point 730, Central Valley Project Mendota Pool, Project Ag Diversion, Actual Diversion

March DWRSIM Flows (flows sorted in ascending order)

Wet		Above Normal		Below Normal		Dry		Critical	
Date	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**
Mar-65	4	Mar-35	2	Mar-48	2	Mar-33	0	Mar-77	0
Mar-37	4	Mar-32	3	Mar-50	4	Mar-26	4	Mar-89	0
Mar-86	4	Mar-63	5	Mar-49	4	Mar-47	4	Mar-24	0
Mar-67	5	Mar-23	5	Mar-25	5	Mar-39	4	Mar-91	0
Mar-82	5	Mar-45	5	Mar-54	5	Mar-64	4	Mar-31	1
Mar-80	5	Mar-70	5	Mar-62	5	Mar-85	5	Mar-92	1
Mar-43	5	Mar-79	5	Mar-28	5	Mar-55	5	Mar-90	3
Mar-42	6	Mar-36	6	Mar-44	5	Mar-72	5	Mar-88	3
Mar-74	6	Mar-46	6	Mar-57	5	Mar-81	5	Mar-34	3
Mar-75	6	Mar-51	6	Mar-53	5	Mar-68	5	Mar-29	3
Mar-78	6	Mar-84	6	Mar-71	6	Mar-59	6	Mar-76	3
Mar-22	7	Mar-73	6	Mar-66	7			Mar-87	3
Mar-93	7	Mar-40	6					Mar-61	4
Mar-56	7	Mar-27	7					Mar-60	4
Mar-58	7							Mar-30	4
Mar-41	9							Mar-94	5
Mar-52	9								
Mar-69	9								
Mar-38	9								
Mar-83	9								

DWRSIM Control Point 730, Central Valley Project Mendota Pool, Project Ag Diversion, Actual Diversion

April DWRSIM Flows (flows sorted in ascending order)

Wet		Above Normal		Below Normal		Dry		Critical	
Date	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**
Apr-65	6	Apr-32	5	Apr-48	5	Apr-33	1	Apr-91	0
Apr-86	6	Apr-35	5	Apr-44	7	Apr-39	6	Apr-24	0
Apr-37	8	Apr-73	8	Apr-25	8	Apr-64	6	Apr-77	0
Apr-80	8	Apr-79	8	Apr-28	8	Apr-26	6	Apr-31	1
Apr-42	8	Apr-45	8	Apr-49	8	Apr-55	7	Apr-92	4
Apr-43	8	Apr-23	8	Apr-50	8	Apr-85	8	Apr-34	4
Apr-67	9	Apr-70	8	Apr-57	8	Apr-81	8	Apr-29	4
Apr-75	10	Apr-51	8	Apr-54	9	Apr-68	8	Apr-76	4
Apr-74	10	Apr-84	8	Apr-53	9	Apr-47	8	Apr-90	4
Apr-56	10	Apr-36	9	Apr-71	9	Apr-72	8	Apr-88	5
Apr-58	10	Apr-40	9	Apr-62	10	Apr-59	9	Apr-87	6
Apr-78	10	Apr-63	10	Apr-66	10			Apr-30	6
Apr-82	10	Apr-27	10					Apr-60	7
Apr-22	11	Apr-46	10					Apr-94	7
Apr-93	12							Apr-89	7
Apr-41	13							Apr-61	8
Apr-52	13								
Apr-38	13								
Apr-83	13								
Apr-69	13								

DWRSIM Control Point 730, Central Valley Project Mendota Pool, Project Ag Diversion, Actual Diversion

May DWRSIM Flows (flows sorted in ascending order)

Wet		Above Normal		Below Normal		Dry		Critical	
Date	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**
May-86	6	May-32	5	May-44	8	May-33	1	May-91	0
May-65	9	May-45	9	May-49	9	May-26	6	May-24	0
May-43	9	May-35	9	May-28	9	May-39	7	May-77	0
May-80	9	May-79	9	May-57	9	May-64	7	May-31	2
May-37	9	May-23	9	May-50	9	May-55	8	May-76	4
May-74	11	May-70	9	May-48	10	May-81	9	May-92	4
May-75	11	May-51	9	May-25	10	May-85	9	May-90	4
May-42	11	May-73	10	May-54	10	May-68	9	May-34	4
May-56	11	May-36	10	May-53	10	May-47	9	May-29	5
May-58	11	May-40	10	May-66	11	May-72	9	May-88	6
May-82	11	May-84	10	May-62	11	May-59	10	May-87	7
May-22	12	May-46	11	May-71	11			May-30	7
May-93	13	May-63	11					May-60	8
May-67	14	May-27	11					May-94	8
May-41	15							May-89	9
May-52	15							May-61	9
May-83	15								
May-38	15								
May-69	15								
May-78	16								

DWRSIM Control Point 730, Central Valley Project Mendota Pool, Project Ag Diversion, Actual Diversion

June DWRSIM Flows (flows sorted in ascending order)

Wet		Above Normal		Below Normal		Dry		Critical	
Date	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**
Jun-86	7	Jun-32	6	Jun-44	9	Jun-33	1	Jun-91	0
Jun-37	10	Jun-23	10	Jun-28	10	Jun-26	7	Jun-77	0
Jun-43	10	Jun-45	10	Jun-50	10	Jun-39	8	Jun-24	0
Jun-80	10	Jun-79	10	Jun-49	10	Jun-64	8	Jun-31	2
Jun-65	11	Jun-51	10	Jun-57	10	Jun-55	9	Jun-90	5
Jun-74	12	Jun-70	10	Jun-25	11	Jun-68	10	Jun-34	5
Jun-42	12	Jun-36	11	Jun-54	12	Jun-85	10	Jun-76	5
Jun-75	13	Jun-73	11	Jun-48	12	Jun-47	10	Jun-92	5
Jun-56	13	Jun-84	11	Jun-53	12	Jun-72	10	Jun-29	6
Jun-82	13	Jun-35	11	Jun-71	12	Jun-81	11	Jun-30	7
Jun-58	13	Jun-40	11	Jun-66	13	Jun-59	11	Jun-88	7
Jun-22	14	Jun-46	12	Jun-62	13			Jun-87	8
Jun-93	15	Jun-63	13					Jun-60	9
Jun-67	16	Jun-27	13					Jun-94	9
Jun-41	17							Jun-89	10
Jun-52	17							Jun-61	10
Jun-38	17								
Jun-69	17								
Jun-83	17								
Jun-78	19								

DWRSIM Control Point 730, Central Valley Project Mendota Pool, Project Ag Diversion, Actual Diversion

July DWRSIM Flows (flows sorted in ascending order)

Wet		Above Normal		Below Normal		Dry		Critical	
Date	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**
Jul-86	8	Jul-32	7	Jul-44	10	Jul-33	1	Jul-91	0
Jul-37	11	Jul-79	11	Jul-28	11	Jul-26	8	Jul-24	0
Jul-65	11	Jul-51	11	Jul-57	11	Jul-64	9	Jul-77	0
Jul-43	11	Jul-23	11	Jul-49	11	Jul-39	9	Jul-31	2
Jul-80	11	Jul-45	11	Jul-50	11	Jul-55	10	Jul-34	5
Jul-58	14	Jul-70	11	Jul-25	12	Jul-72	11	Jul-89	5
Jul-75	14	Jul-35	12	Jul-48	13	Jul-85	11	Jul-92	5
Jul-74	14	Jul-36	12	Jul-53	13	Jul-47	11	Jul-29	6
Jul-56	14	Jul-73	12	Jul-54	13	Jul-68	11	Jul-90	6
Jul-42	14	Jul-40	12	Jul-71	13	Jul-81	12	Jul-76	6
Jul-82	14	Jul-84	12	Jul-62	14	Jul-59	12	Jul-94	6
Jul-22	15	Jul-63	14	Jul-66	14			Jul-88	7
Jul-93	16	Jul-27	14					Jul-30	8
Jul-41	17	Jul-46	14					Jul-61	9
Jul-67	17							Jul-87	9
Jul-52	18							Jul-60	10
Jul-83	18								
Jul-38	19								
Jul-69	19								
Jul-78	20								

DWRSIM Control Point 730, Central Valley Project Mendota Pool, Project Ag Diversion, Actual Diversion

August DWRSIM Flows (flows sorted in ascending order)

Wet		Above Normal		Below Normal		Dry		Critical	
Date	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**
Aug-41	7	Aug-32	6	Aug-62	7	Aug-33	1	Aug-91	0
Aug-86	8	Aug-79	10	Aug-66	7	Aug-26	7	Aug-24	0
Aug-80	10	Aug-23	10	Aug-44	9	Aug-64	7	Aug-77	0
Aug-43	10	Aug-70	10	Aug-28	10	Aug-59	7	Aug-31	2
Aug-65	11	Aug-35	11	Aug-57	10	Aug-47	8	Aug-92	5
Aug-37	11	Aug-73	11	Aug-50	10	Aug-39	8	Aug-90	5
Aug-58	13	Aug-45	11	Aug-25	11	Aug-55	9	Aug-34	5
Aug-42	13	Aug-51	11	Aug-49	11	Aug-72	10	Aug-76	5
Aug-56	13	Aug-84	11	Aug-48	12	Aug-68	10	Aug-29	6
Aug-74	13	Aug-36	12	Aug-71	12	Aug-85	10	Aug-89	7
Aug-82	13	Aug-40	12	Aug-53	12	Aug-81	11	Aug-61	7
Aug-75	13	Aug-63	13	Aug-54	12			Aug-88	7
Aug-22	14	Aug-27	13					Aug-94	7
Aug-93	14	Aug-46	13					Aug-30	8
Aug-67	16							Aug-87	8
Aug-52	17							Aug-60	10
Aug-69	17								
Aug-83	17								
Aug-38	18								
Aug-78	19								

DWRSIM Control Point 730, Central Valley Project Mendota Pool, Project Ag Diversion, Actual Diversion

September DWRSIM Flows (flows sorted in ascending order)

Wet		Above Normal		Below Normal		Dry		Critical	
Date	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**
Sep-86	4	Sep-32	4	Sep-44	5	Sep-33	0	Sep-91	0
Sep-65	6	Sep-79	6	Sep-28	6	Sep-26	4	Sep-24	0
Sep-37	6	Sep-35	6	Sep-25	6	Sep-64	5	Sep-77	0
Sep-43	6	Sep-23	6	Sep-50	6	Sep-39	5	Sep-31	1
Sep-80	6	Sep-73	6	Sep-49	6	Sep-55	5	Sep-92	3
Sep-75	7	Sep-51	6	Sep-57	6	Sep-72	6	Sep-29	3
Sep-74	7	Sep-70	6	Sep-62	7	Sep-59	6	Sep-90	3
Sep-56	7	Sep-84	6	Sep-66	7	Sep-68	6	Sep-34	3
Sep-42	7	Sep-45	6	Sep-48	7	Sep-81	6	Sep-76	3
Sep-58	7	Sep-63	7	Sep-53	7	Sep-47	6	Sep-30	4
Sep-82	7	Sep-36	7	Sep-54	7	Sep-85	6	Sep-88	4
Sep-22	8	Sep-40	7	Sep-71	7			Sep-94	5
Sep-93	9	Sep-46	7					Sep-87	5
Sep-67	9	Sep-27	7					Sep-61	6
Sep-41	10							Sep-89	6
Sep-52	10							Sep-60	6
Sep-69	10								
Sep-38	10								
Sep-83	10								
Sep-78	11								

DWRSIM Control Point 730, Central Valley Project Mendota Pool, Project Ag Diversion, Actual Diversion

October DWRSIM Flows (flows sorted in ascending order)

Wet		Above Normal		Below Normal		Dry		Critical	
Date	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**
Oct-86	4	Oct-32	3	Oct-28	5	Oct-33	0	Oct-91	0
Oct-37	5	Oct-84	5	Oct-25	5	Oct-39	4	Oct-77	0
Oct-43	5	Oct-70	5	Oct-49	5	Oct-26	4	Oct-24	0
Oct-65	5	Oct-51	5	Oct-50	5	Oct-64	4	Oct-31	1
Oct-80	5	Oct-79	5	Oct-57	5	Oct-47	5	Oct-92	2
Oct-74	6	Oct-23	5	Oct-44	5	Oct-72	5	Oct-34	2
Oct-75	6	Oct-35	5	Oct-53	6	Oct-81	5	Oct-90	3
Oct-56	6	Oct-73	5	Oct-62	6	Oct-68	5	Oct-88	3
Oct-58	6	Oct-45	5	Oct-48	6	Oct-55	5	Oct-76	3
Oct-42	6	Oct-46	6	Oct-54	6	Oct-85	5	Oct-29	3
Oct-82	6	Oct-63	6	Oct-71	6	Oct-59	6	Oct-30	4
Oct-22	7	Oct-40	6	Oct-66	6			Oct-87	4
Oct-93	8	Oct-36	6					Oct-89	5
Oct-67	8	Oct-27	6					Oct-61	5
Oct-52	8	Oct-21	8					Oct-60	5
Oct-83	8								
Oct-78	9								
Oct-41	9								
Oct-69	9								
Oct-38	9								

DWRSIM Control Point 730, Central Valley Project Mendota Pool, Project Ag Diversion, Actual Diversion

November DWRSIM Flows (flows sorted in ascending order)

Wet		Above Normal		Below Normal		Dry		Critical	
Date	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**
Nov-86	1	Nov-32	1	Nov-44	1	Nov-33	0	Nov-31	0
Nov-56	2	Nov-23	2	Nov-50	1	Nov-47	1	Nov-24	0
Nov-43	2	Nov-27	2	Nov-28	2	Nov-39	1	Nov-77	0
Nov-74	2	Nov-35	2	Nov-25	2	Nov-26	1	Nov-91	0
Nov-93	2	Nov-84	2	Nov-71	2	Nov-55	1	Nov-30	1
Nov-75	2	Nov-36	2	Nov-62	2	Nov-64	1	Nov-88	1
Nov-37	2	Nov-70	2	Nov-49	2	Nov-59	2	Nov-90	1
Nov-67	2	Nov-51	2	Nov-54	2	Nov-72	2	Nov-89	1
Nov-58	2	Nov-21	2	Nov-48	2	Nov-68	2	Nov-29	1
Nov-22	2	Nov-79	2	Nov-53	2	Nov-85	2	Nov-60	1
Nov-80	2	Nov-40	2	Nov-57	2	Nov-81	2	Nov-87	1
Nov-42	2	Nov-63	2	Nov-66	2			Nov-76	1
Nov-65	2	Nov-46	2					Nov-34	1
Nov-82	2	Nov-45	2					Nov-92	1
Nov-78	3	Nov-73	2					Nov-61	2
Nov-52	3								
Nov-41	3								
Nov-38	3								
Nov-69	3								
Nov-83	3								

DWRSIM Control Point 730, Central Valley Project Mendota Pool, Project Ag Diversion, Actual Diversion

December DWRSIM Flows (flows sorted in ascending order)

Wet		Above Normal		Below Normal		Dry		Critical	
Date	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**
Dec-93	0	Dec-32	0	Dec-28	0	Dec-33	0	Dec-88	0
Dec-86	0	Dec-23	0	Dec-25	0	Dec-59	0	Dec-90	0
Dec-78	0	Dec-84	0	Dec-62	0	Dec-47	0	Dec-60	0
Dec-56	0	Dec-35	0	Dec-49	0	Dec-72	0	Dec-30	0
Dec-75	0	Dec-63	0	Dec-48	0	Dec-26	0	Dec-89	0
Dec-67	0	Dec-70	0	Dec-54	0	Dec-39	0	Dec-29	0
Dec-43	0	Dec-51	0	Dec-71	0	Dec-85	0	Dec-87	0
Dec-58	0	Dec-79	0	Dec-53	0	Dec-68	0	Dec-91	0
Dec-74	0	Dec-36	0	Dec-57	0	Dec-81	0	Dec-61	0
Dec-80	0	Dec-21	0	Dec-44	0	Dec-64	0	Dec-24	0
Dec-38	0	Dec-27	0	Dec-66	0	Dec-55	0	Dec-76	0
Dec-52	0	Dec-46	0	Dec-50	0			Dec-34	0
Dec-22	0	Dec-73	0					Dec-77	0
Dec-69	0	Dec-40	0					Dec-92	0
Dec-42	0	Dec-45	0					Dec-31	0
Dec-41	0								
Dec-65	0								
Dec-37	0								
Dec-82	0								
Dec-83	0								

DWRSIM Control Point 731, Central Valley Project Mendota Pool, Exchange Diversion, Actual Diversion

January DWRSIM Flows (flows sorted in ascending order)

Wet		Above Normal		Below Normal		Dry		Critical	
Date	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**
Jan-78	3	Jan-35	3	Jan-25	3	Jan-26	4	Jan-34	3
Jan-93	3	Jan-32	3	Jan-62	4	Jan-72	4	Jan-92	3
Jan-58	4	Jan-27	4	Jan-48	4	Jan-55	4	Jan-61	4
Jan-22	4	Jan-63	4	Jan-50	4	Jan-33	4	Jan-89	4
Jan-67	4	Jan-45	4	Jan-54	4	Jan-85	4	Jan-30	4
Jan-86	4	Jan-73	4	Jan-71	4	Jan-64	4	Jan-31	4
Jan-75	4	Jan-40	4	Jan-57	4	Jan-68	4	Jan-91	4
Jan-37	4	Jan-23	4	Jan-28	4	Jan-47	4	Jan-60	4
Jan-41	4	Jan-79	4	Jan-44	4	Jan-59	4	Jan-77	4
Jan-52	4	Jan-46	4	Jan-66	4	Jan-39	4	Jan-29	4
Jan-38	4	Jan-51	4	Jan-53	4	Jan-81	4	Jan-88	4
Jan-74	4	Jan-84	4	Jan-49	5			Jan-94	4
Jan-42	4	Jan-70	4					Jan-24	4
Jan-65	4	Jan-36	5					Jan-87	4
Jan-82	4							Jan-76	4
Jan-43	4							Jan-90	5
Jan-69	4								
Jan-80	4								
Jan-56	4								
Jan-83	4								

DWRSIM Control Point 731, Central Valley Project Mendota Pool, Exchange Diversion, Actual Diversion

February DWRSIM Flows (flows sorted in ascending order)

Wet		Above Normal		Below Normal		Dry		Critical	
Date	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**
Feb-37	18	Feb-35	18	Feb-48	18	Feb-33	17	Feb-91	17
Feb-86	21	Feb-32	18	Feb-25	18	Feb-26	18	Feb-92	17
Feb-58	23	Feb-45	20	Feb-62	18	Feb-47	20	Feb-89	18
Feb-78	23	Feb-79	20	Feb-49	19	Feb-72	23	Feb-90	18
Feb-22	23	Feb-40	21	Feb-44	22	Feb-85	23	Feb-29	18
Feb-75	23	Feb-36	21	Feb-50	23	Feb-39	23	Feb-34	18
Feb-65	23	Feb-23	24	Feb-28	23	Feb-55	24	Feb-77	18
Feb-80	23	Feb-27	24	Feb-57	23	Feb-64	24	Feb-31	18
Feb-67	24	Feb-63	24	Feb-54	24	Feb-81	24	Feb-60	18
Feb-93	24	Feb-73	24	Feb-71	24	Feb-68	24	Feb-24	18
Feb-52	24	Feb-46	24	Feb-66	24	Feb-59	24	Feb-87	19
Feb-74	24	Feb-51	24	Feb-53	24			Feb-30	20
Feb-42	24	Feb-70	24					Feb-76	20
Feb-43	24	Feb-84	24					Feb-61	22
Feb-56	24							Feb-88	22
Feb-41	24							Feb-94	22
Feb-82	24								
Feb-38	24								
Feb-69	24								
Feb-83	24								

DWRSIM Control Point 731, Central Valley Project Mendota Pool, Exchange Diversion, Actual Diversion

March DWRSIM Flows (flows sorted in ascending order)

Wet		Above Normal		Below Normal		Dry		Critical	
Date	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**
Mar-65	50	Mar-35	41	Mar-48	39	Mar-33	36	Mar-91	36
Mar-37	50	Mar-32	45	Mar-49	50	Mar-26	50	Mar-31	39
Mar-86	50	Mar-27	53	Mar-50	51	Mar-47	50	Mar-77	39
Mar-22	53	Mar-36	53	Mar-25	53	Mar-39	50	Mar-89	39
Mar-93	53	Mar-63	53	Mar-54	53	Mar-85	53	Mar-24	39
Mar-42	53	Mar-23	53	Mar-62	53	Mar-55	53	Mar-92	40
Mar-56	53	Mar-46	53	Mar-28	53	Mar-64	53	Mar-34	41
Mar-67	53	Mar-51	53	Mar-44	53	Mar-72	53	Mar-90	43
Mar-74	53	Mar-45	53	Mar-57	53	Mar-81	53	Mar-76	43
Mar-75	53	Mar-84	53	Mar-66	53	Mar-68	53	Mar-29	45
Mar-41	53	Mar-73	53	Mar-53	53	Mar-59	53	Mar-88	47
Mar-52	53	Mar-70	53	Mar-71	53			Mar-87	48
Mar-78	53	Mar-79	53					Mar-61	50
Mar-58	53	Mar-40	53					Mar-60	50
Mar-82	53							Mar-30	50
Mar-80	53							Mar-94	53
Mar-69	53								
Mar-43	53								
Mar-38	53								
Mar-83	53								

DWRSIM Control Point 731, Central Valley Project Mendota Pool, Exchange Diversion, Actual Diversion

April DWRSIM Flows (flows sorted in ascending order)

Wet		Above Normal		Below Normal		Dry		Critical	
Date	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**
Apr-65	74	Apr-32	67	Apr-48	70	Apr-33	59	Apr-91	54
Apr-86	74	Apr-35	72	Apr-62	78	Apr-26	73	Apr-24	58
Apr-22	78	Apr-73	78	Apr-44	78	Apr-39	78	Apr-31	58
Apr-75	78	Apr-63	78	Apr-28	78	Apr-85	78	Apr-77	58
Apr-80	78	Apr-79	78	Apr-54	78	Apr-55	78	Apr-92	60
Apr-74	78	Apr-45	78	Apr-50	78	Apr-59	78	Apr-34	61
Apr-42	78	Apr-36	78	Apr-57	78	Apr-64	78	Apr-76	63
Apr-43	78	Apr-27	78	Apr-66	78	Apr-81	78	Apr-90	63
Apr-56	78	Apr-40	78	Apr-53	78	Apr-68	78	Apr-29	66
Apr-93	78	Apr-23	78	Apr-71	78	Apr-72	78	Apr-88	70
Apr-41	78	Apr-70	78	Apr-25	79	Apr-47	79	Apr-30	74
Apr-52	78	Apr-46	78	Apr-49	79			Apr-87	78
Apr-58	78	Apr-51	78					Apr-61	78
Apr-67	78	Apr-84	78					Apr-94	78
Apr-78	78							Apr-60	79
Apr-38	78							Apr-89	80
Apr-83	78								
Apr-69	78								
Apr-82	78								
Apr-37	79								

DWRSIM Control Point 731, Central Valley Project Mendota Pool, Exchange Diversion, Actual Diversion

May DWRSIM Flows (flows sorted in ascending order)

Wet		Above Normal		Below Normal		Dry		Critical	
Date	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**
May-86	85	May-32	77	May-44	89	May-33	67	May-91	62
May-74	89	May-45	89	May-66	89	May-26	84	May-24	67
May-75	89	May-46	89	May-28	89	May-55	89	May-77	67
May-42	89	May-63	89	May-54	89	May-39	89	May-31	67
May-22	89	May-73	89	May-57	89	May-81	89	May-92	68
May-43	89	May-79	89	May-50	89	May-85	89	May-34	70
May-56	89	May-36	89	May-53	89	May-64	89	May-76	72
May-93	89	May-27	89	May-71	89	May-68	89	May-90	72
May-80	89	May-23	89	May-49	90	May-59	89	May-29	76
May-41	89	May-40	89	May-25	90	May-72	89	May-88	80
May-78	89	May-70	89	May-62	90	May-47	90	May-30	85
May-58	89	May-51	89	May-48	94			May-87	89
May-82	89	May-84	89					May-94	89
May-67	89	May-35	93					May-60	90
May-52	89							May-61	90
May-83	89							May-89	92
May-38	89								
May-69	89								
May-65	90								
May-37	90								

DWRSIM Control Point 731, Central Valley Project Mendota Pool, Exchange Diversion, Actual Diversion

June DWRSIM Flows (flows sorted in ascending order)

Wet		Above Normal		Below Normal		Dry		Critical	
Date	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**
Jun-86	96	Jun-32	87	Jun-28	101	Jun-33	76	Jun-91	71
Jun-74	101	Jun-23	101	Jun-54	101	Jun-26	95	Jun-31	75
Jun-43	101	Jun-36	101	Jun-50	101	Jun-68	101	Jun-77	75
Jun-42	101	Jun-45	101	Jun-66	101	Jun-81	101	Jun-24	75
Jun-78	101	Jun-46	101	Jun-44	101	Jun-59	101	Jun-92	77
Jun-93	101	Jun-79	101	Jun-57	101	Jun-85	101	Jun-34	79
Jun-75	101	Jun-51	101	Jun-53	101	Jun-72	101	Jun-90	82
Jun-80	101	Jun-70	101	Jun-71	101	Jun-55	101	Jun-76	82
Jun-56	101	Jun-73	101	Jun-25	102	Jun-39	101	Jun-29	86
Jun-22	101	Jun-84	101	Jun-49	102	Jun-64	101	Jun-88	91
Jun-41	101	Jun-63	101	Jun-62	102	Jun-47	102	Jun-30	96
Jun-82	101	Jun-27	101	Jun-48	106			Jun-87	101
Jun-58	101	Jun-40	101					Jun-94	101
Jun-52	101	Jun-35	105					Jun-61	102
Jun-67	101							Jun-60	102
Jun-38	101							Jun-89	104
Jun-69	101								
Jun-83	101								
Jun-37	102								
Jun-65	102								

DWRSIM Control Point 731, Central Valley Project Mendota Pool, Exchange Diversion, Actual Diversion

July DWRSIM Flows (flows sorted in ascending order)

Wet		Above Normal		Below Normal		Dry		Critical	
Date	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**
Jul-86	104	Jul-32	95	Jul-28	110	Jul-33	83	Jul-91	77
Jul-41	110	Jul-63	110	Jul-57	110	Jul-26	104	Jul-31	82
Jul-58	110	Jul-36	110	Jul-50	110	Jul-64	110	Jul-24	82
Jul-75	110	Jul-27	110	Jul-53	110	Jul-72	110	Jul-77	82
Jul-74	110	Jul-73	110	Jul-54	110	Jul-55	110	Jul-92	84
Jul-22	110	Jul-79	110	Jul-71	110	Jul-81	110	Jul-34	86
Jul-43	110	Jul-51	110	Jul-66	110	Jul-85	110	Jul-90	89
Jul-56	110	Jul-40	110	Jul-44	110	Jul-68	110	Jul-76	89
Jul-93	110	Jul-23	110	Jul-62	111	Jul-59	110	Jul-29	93
Jul-42	110	Jul-45	110	Jul-25	111	Jul-39	110	Jul-88	99
Jul-78	110	Jul-70	110	Jul-49	111	Jul-47	111	Jul-30	104
Jul-52	110	Jul-84	110	Jul-48	115			Jul-87	109
Jul-82	110	Jul-46	110					Jul-94	110
Jul-38	110	Jul-35	115					Jul-61	111
Jul-80	110							Jul-60	111
Jul-69	110							Jul-89	113
Jul-67	110								
Jul-83	110								
Jul-37	111								
Jul-65	111								

DWRSIM Control Point 731, Central Valley Project Mendota Pool, Exchange Diversion, Actual Diversion

August DWRSIM Flows (flows sorted in ascending order)

Wet		Above Normal		Below Normal		Dry		Critical	
Date	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**
Aug-86	98	Aug-32	89	Aug-28	103	Aug-33	78	Aug-91	72
Aug-58	103	Aug-63	103	Aug-57	103	Aug-26	97	Aug-31	77
Aug-38	103	Aug-27	103	Aug-71	103	Aug-81	103	Aug-24	77
Aug-52	103	Aug-73	103	Aug-53	103	Aug-64	103	Aug-77	77
Aug-78	103	Aug-36	103	Aug-66	103	Aug-72	103	Aug-92	79
Aug-41	103	Aug-23	103	Aug-50	103	Aug-68	103	Aug-34	81
Aug-42	103	Aug-70	103	Aug-54	103	Aug-85	103	Aug-76	83
Aug-56	103	Aug-51	103	Aug-44	103	Aug-59	103	Aug-90	84
Aug-74	103	Aug-84	103	Aug-62	104	Aug-55	103	Aug-29	88
Aug-80	103	Aug-40	103	Aug-25	104	Aug-47	104	Aug-88	93
Aug-67	103	Aug-46	103	Aug-49	104	Aug-39	104	Aug-30	98
Aug-69	103	Aug-79	104	Aug-48	108			Aug-87	103
Aug-22	103	Aug-45	104					Aug-94	103
Aug-82	103	Aug-35	108					Aug-61	104
Aug-43	103							Aug-60	104
Aug-75	103							Aug-89	106
Aug-83	103								
Aug-93	103								
Aug-65	104								
Aug-37	104								

DWRSIM Control Point 731, Central Valley Project Mendota Pool, Exchange Diversion, Actual Diversion

September DWRSIM Flows (flows sorted in ascending order)

Wet		Above Normal		Below Normal		Dry		Critical	
Date	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**
Sep-86	56	Sep-32	50	Sep-66	58	Sep-33	44	Sep-91	41
Sep-74	58	Sep-63	58	Sep-53	58	Sep-26	55	Sep-31	44
Sep-43	58	Sep-23	58	Sep-54	58	Sep-64	58	Sep-24	44
Sep-41	58	Sep-73	58	Sep-71	58	Sep-59	58	Sep-77	44
Sep-56	58	Sep-51	58	Sep-28	59	Sep-68	58	Sep-92	45
Sep-93	58	Sep-70	58	Sep-25	59	Sep-81	58	Sep-34	46
Sep-42	58	Sep-84	58	Sep-62	59	Sep-55	58	Sep-90	47
Sep-52	58	Sep-46	58	Sep-50	59	Sep-72	59	Sep-76	47
Sep-69	58	Sep-27	58	Sep-49	59	Sep-39	59	Sep-29	50
Sep-38	58	Sep-79	59	Sep-57	59	Sep-47	59	Sep-88	53
Sep-67	58	Sep-36	59	Sep-44	59	Sep-85	59	Sep-30	56
Sep-82	58	Sep-40	59	Sep-48	62			Sep-87	58
Sep-83	58	Sep-45	59					Sep-61	59
Sep-65	59	Sep-35	61					Sep-94	59
Sep-75	59							Sep-60	59
Sep-22	59							Sep-89	60
Sep-37	59								
Sep-58	59								
Sep-80	59								
Sep-78	59								

DWRSIM Control Point 731, Central Valley Project Mendota Pool, Exchange Diversion, Actual Diversion

October DWRSIM Flows (flows sorted in ascending order)

Wet		Above Normal		Below Normal		Dry		Critical	
Date	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**
Oct-86	48	Oct-32	44	Oct-53	50	Oct-33	38	Oct-91	35
Oct-43	50	Oct-84	50	Oct-54	50	Oct-26	48	Oct-31	38
Oct-74	50	Oct-70	50	Oct-71	50	Oct-59	50	Oct-77	38
Oct-93	50	Oct-51	50	Oct-66	50	Oct-72	50	Oct-24	38
Oct-56	50	Oct-21	50	Oct-28	51	Oct-64	50	Oct-92	39
Oct-58	50	Oct-46	50	Oct-25	51	Oct-81	50	Oct-34	40
Oct-67	50	Oct-63	50	Oct-49	51	Oct-68	50	Oct-90	41
Oct-41	50	Oct-23	50	Oct-62	51	Oct-55	50	Oct-76	41
Oct-42	50	Oct-73	50	Oct-50	51	Oct-47	51	Oct-29	43
Oct-69	50	Oct-27	50	Oct-57	51	Oct-39	51	Oct-88	45
Oct-52	50	Oct-40	51	Oct-44	51	Oct-85	51	Oct-30	48
Oct-38	50	Oct-36	51	Oct-48	53			Oct-87	50
Oct-83	50	Oct-79	51					Oct-61	51
Oct-82	50	Oct-45	51					Oct-60	51
Oct-37	51	Oct-35	53					Oct-89	52
Oct-22	51								
Oct-75	51								
Oct-78	51								
Oct-65	51								
Oct-80	51								

DWRSIM Control Point 731, Central Valley Project Mendota Pool, Exchange Diversion, Actual Diversion

November DWRSIM Flows (flows sorted in ascending order)

Wet		Above Normal		Below Normal		Dry		Critical	
Date	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**
Nov-56	15	Nov-32	13	Nov-71	15	Nov-33	12	Nov-91	11
Nov-86	15	Nov-23	15	Nov-54	15	Nov-59	15	Nov-31	12
Nov-43	15	Nov-84	15	Nov-53	15	Nov-26	15	Nov-24	12
Nov-74	15	Nov-70	15	Nov-66	15	Nov-64	15	Nov-34	12
Nov-67	15	Nov-51	15	Nov-28	16	Nov-68	15	Nov-77	12
Nov-52	15	Nov-21	15	Nov-25	16	Nov-81	15	Nov-92	12
Nov-41	15	Nov-63	15	Nov-62	16	Nov-47	16	Nov-90	13
Nov-38	15	Nov-46	15	Nov-49	16	Nov-72	16	Nov-29	13
Nov-69	15	Nov-27	16	Nov-48	16	Nov-39	16	Nov-76	13
Nov-42	15	Nov-35	16	Nov-57	16	Nov-55	16	Nov-88	14
Nov-82	15	Nov-36	16	Nov-44	16	Nov-85	16	Nov-30	15
Nov-83	15	Nov-79	16	Nov-50	16			Nov-87	15
Nov-93	16	Nov-40	16					Nov-89	16
Nov-75	16	Nov-45	16					Nov-60	16
Nov-37	16	Nov-73	16					Nov-61	16
Nov-58	16								
Nov-78	16								
Nov-22	16								
Nov-80	16								
Nov-65	16								

DWRSIM Control Point 731, Central Valley Project Mendota Pool, Exchange Diversion, Actual Diversion

December DWRSIM Flows (flows sorted in ascending order)

Wet		Above Normal		Below Normal		Dry		Critical	
Date	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**
Dec-93	2	Dec-32	2	Dec-28	2	Dec-33	2	Dec-88	2
Dec-86	2	Dec-23	2	Dec-25	2	Dec-59	2	Dec-90	2
Dec-78	2	Dec-84	2	Dec-62	2	Dec-47	2	Dec-60	2
Dec-56	2	Dec-35	2	Dec-49	2	Dec-72	2	Dec-30	2
Dec-75	2	Dec-63	2	Dec-48	2	Dec-26	2	Dec-89	2
Dec-67	2	Dec-70	2	Dec-54	2	Dec-39	2	Dec-29	2
Dec-43	2	Dec-51	2	Dec-71	2	Dec-85	2	Dec-87	2
Dec-58	2	Dec-79	2	Dec-53	2	Dec-68	2	Dec-91	2
Dec-74	2	Dec-36	2	Dec-57	2	Dec-81	2	Dec-61	2
Dec-80	2	Dec-21	2	Dec-44	2	Dec-64	2	Dec-24	2
Dec-38	2	Dec-27	2	Dec-66	2	Dec-55	2	Dec-76	2
Dec-52	2	Dec-46	2	Dec-50	2			Dec-34	2
Dec-22	2	Dec-73	2					Dec-77	2
Dec-69	2	Dec-40	2					Dec-92	2
Dec-42	2	Dec-45	2					Dec-31	2
Dec-41	2								
Dec-65	2								
Dec-37	2								
Dec-82	2								
Dec-83	2								

DWRSIM Control Point 732, Central Valley Project Mendota Pool, Refuge Diversion, Actual Diversion

January DWRSIM Flows (flows sorted in ascending order)

Wet		Above Normal		Below Normal		Dry		Critical	
Date	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**
Jan-78	5	Jan-32	6	Jan-25	5	Jan-26	7	Jan-92	5
Jan-58	7	Jan-27	7	Jan-62	7	Jan-72	7	Jan-34	6
Jan-22	7	Jan-63	7	Jan-49	7	Jan-55	7	Jan-61	7
Jan-67	7	Jan-35	7	Jan-48	7	Jan-33	7	Jan-89	7
Jan-86	7	Jan-45	7	Jan-50	7	Jan-85	7	Jan-30	7
Jan-75	7	Jan-73	7	Jan-54	7	Jan-64	7	Jan-90	7
Jan-37	7	Jan-36	7	Jan-71	7	Jan-68	7	Jan-31	7
Jan-93	7	Jan-40	7	Jan-57	7	Jan-47	7	Jan-91	7
Jan-41	7	Jan-23	7	Jan-28	7	Jan-59	7	Jan-60	7
Jan-52	7	Jan-79	7	Jan-44	7	Jan-39	7	Jan-77	7
Jan-38	7	Jan-46	7	Jan-66	7	Jan-81	7	Jan-29	7
Jan-74	7	Jan-51	7	Jan-53	7			Jan-88	7
Jan-42	7	Jan-84	7					Jan-94	7
Jan-65	7	Jan-70	7					Jan-24	7
Jan-82	7							Jan-87	7
Jan-43	7							Jan-76	7
Jan-69	7								
Jan-80	7								
Jan-56	7								
Jan-83	7								

DWRSIM Control Point 732, Central Valley Project Mendota Pool, Refuge Diversion, Actual Diversion

February DWRSIM Flows (flows sorted in ascending order)

Wet		Above Normal		Below Normal		Dry		Critical	
Date	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**
Feb-67	3	Feb-35	3	Feb-25	2	Feb-33	2	Feb-89	2
Feb-58	3	Feb-23	3	Feb-49	3	Feb-55	3	Feb-34	2
Feb-78	3	Feb-27	3	Feb-48	3	Feb-72	3	Feb-77	2
Feb-93	3	Feb-63	3	Feb-50	3	Feb-85	3	Feb-91	2
Feb-22	3	Feb-32	3	Feb-54	3	Feb-64	3	Feb-31	2
Feb-52	3	Feb-73	3	Feb-28	3	Feb-26	3	Feb-92	2
Feb-74	3	Feb-40	3	Feb-71	3	Feb-47	3	Feb-24	2
Feb-75	3	Feb-46	3	Feb-57	3	Feb-81	3	Feb-61	3
Feb-65	3	Feb-45	3	Feb-44	3	Feb-39	3	Feb-90	3
Feb-42	3	Feb-51	3	Feb-62	3	Feb-68	3	Feb-30	3
Feb-37	3	Feb-79	3	Feb-66	3	Feb-59	3	Feb-29	3
Feb-43	3	Feb-70	3	Feb-53	3			Feb-88	3
Feb-56	3	Feb-36	3					Feb-60	3
Feb-41	3	Feb-84	3					Feb-87	3
Feb-82	3							Feb-94	3
Feb-38	3							Feb-76	3
Feb-86	3								
Feb-80	3								
Feb-69	3								
Feb-83	3								

DWRSIM Control Point 732, Central Valley Project Mendota Pool, Refuge Diversion, Actual Diversion

March DWRSIM Flows (flows sorted in ascending order)

Wet		Above Normal		Below Normal		Dry		Critical	
Date	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**
Mar-22	3	Mar-32	3	Mar-48	3	Mar-33	2	Mar-77	2
Mar-93	3	Mar-27	3	Mar-25	3	Mar-85	3	Mar-24	2
Mar-65	3	Mar-35	3	Mar-50	3	Mar-26	3	Mar-91	2
Mar-42	3	Mar-36	3	Mar-54	3	Mar-47	3	Mar-31	3
Mar-56	3	Mar-63	3	Mar-62	3	Mar-55	3	Mar-61	3
Mar-37	3	Mar-23	3	Mar-49	3	Mar-39	3	Mar-90	3
Mar-67	3	Mar-46	3	Mar-28	3	Mar-64	3	Mar-88	3
Mar-74	3	Mar-51	3	Mar-44	3	Mar-72	3	Mar-34	3
Mar-75	3	Mar-45	3	Mar-57	3	Mar-81	3	Mar-89	3
Mar-41	3	Mar-84	3	Mar-66	3	Mar-68	3	Mar-92	3
Mar-52	3	Mar-73	3	Mar-53	3	Mar-59	3	Mar-29	3
Mar-78	3	Mar-70	3	Mar-71	3			Mar-60	3
Mar-58	3	Mar-79	3					Mar-30	3
Mar-82	3	Mar-40	3					Mar-94	3
Mar-80	3							Mar-76	3
Mar-69	3							Mar-87	3
Mar-43	3								
Mar-38	3								
Mar-86	3								
Mar-83	3								

DWRSIM Control Point 732, Central Valley Project Mendota Pool, Refuge Diversion, Actual Diversion

April DWRSIM Flows (flows sorted in ascending order)

Wet		Above Normal		Below Normal		Dry		Critical	
Date	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**
Apr-22	11	Apr-32	11	Apr-62	11	Apr-33	9	Apr-91	8
Apr-37	11	Apr-73	11	Apr-44	11	Apr-39	11	Apr-24	8
Apr-75	11	Apr-63	11	Apr-25	11	Apr-85	11	Apr-77	8
Apr-65	11	Apr-79	11	Apr-28	11	Apr-55	11	Apr-31	9
Apr-80	11	Apr-45	11	Apr-48	11	Apr-59	11	Apr-87	11
Apr-74	11	Apr-36	11	Apr-54	11	Apr-64	11	Apr-92	11
Apr-42	11	Apr-27	11	Apr-49	11	Apr-26	11	Apr-34	11
Apr-43	11	Apr-35	11	Apr-50	11	Apr-81	11	Apr-29	11
Apr-56	11	Apr-40	11	Apr-57	11	Apr-68	11	Apr-76	11
Apr-93	11	Apr-23	11	Apr-66	11	Apr-47	11	Apr-61	11
Apr-41	11	Apr-70	11	Apr-53	11	Apr-72	11	Apr-90	11
Apr-86	11	Apr-46	11	Apr-71	11			Apr-88	11
Apr-52	11	Apr-51	11					Apr-60	11
Apr-58	11	Apr-84	11					Apr-94	11
Apr-67	11							Apr-30	11
Apr-78	11							Apr-89	11
Apr-38	11								
Apr-83	11								
Apr-69	11								
Apr-82	11								

DWRSIM Control Point 732, Central Valley Project Mendota Pool, Refuge Diversion, Actual Diversion

May DWRSIM Flows (flows sorted in ascending order)

Wet		Above Normal		Below Normal		Dry		Critical	
Date	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**
May-74	23	May-45	23	May-44	23	May-33	18	May-91	16
May-75	23	May-46	23	May-49	23	May-55	23	May-24	18
May-42	23	May-63	23	May-66	23	May-39	23	May-77	18
May-22	23	May-32	23	May-48	23	May-81	23	May-31	20
May-65	23	May-35	23	May-25	23	May-85	23	May-60	23
May-43	23	May-73	23	May-28	23	May-64	23	May-87	23
May-56	23	May-79	23	May-62	23	May-68	23	May-89	23
May-93	23	May-36	23	May-54	23	May-47	23	May-29	23
May-80	23	May-27	23	May-57	23	May-59	23	May-30	23
May-37	23	May-23	23	May-50	23	May-72	23	May-88	23
May-41	23	May-40	23	May-53	23	May-26	23	May-94	23
May-86	23	May-70	23	May-71	23			May-76	23
May-78	23	May-51	23					May-61	23
May-58	23	May-84	23					May-92	23
May-82	23							May-90	23
May-67	23							May-34	23
May-52	23								
May-83	23								
May-38	23								
May-69	23								

DWRSIM Control Point 732, Central Valley Project Mendota Pool, Refuge Diversion, Actual Diversion

June DWRSIM Flows (flows sorted in ascending order)

Wet		Above Normal		Below Normal		Dry		Critical	
Date	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**
Jun-37	24	Jun-23	24	Jun-25	24	Jun-33	19	Jun-91	17
Jun-65	24	Jun-36	24	Jun-28	24	Jun-26	24	Jun-24	18
Jun-74	24	Jun-45	24	Jun-54	24	Jun-68	24	Jun-77	19
Jun-43	24	Jun-46	24	Jun-50	24	Jun-81	24	Jun-31	21
Jun-42	24	Jun-79	24	Jun-49	24	Jun-59	24	Jun-90	24
Jun-78	24	Jun-32	24	Jun-66	24	Jun-85	24	Jun-34	24
Jun-93	24	Jun-51	24	Jun-62	24	Jun-47	24	Jun-30	24
Jun-75	24	Jun-70	24	Jun-44	24	Jun-72	24	Jun-89	24
Jun-80	24	Jun-73	24	Jun-48	24	Jun-55	24	Jun-88	24
Jun-56	24	Jun-84	24	Jun-57	24	Jun-39	24	Jun-29	24
Jun-22	24	Jun-63	24	Jun-53	24	Jun-64	24	Jun-61	24
Jun-41	24	Jun-35	24	Jun-71	24			Jun-76	24
Jun-86	24	Jun-27	24					Jun-60	24
Jun-82	24	Jun-40	24					Jun-87	24
Jun-58	24							Jun-94	24
Jun-52	24							Jun-92	24
Jun-67	24								
Jun-38	24								
Jun-69	24								
Jun-83	24								

DWRSIM Control Point 732, Central Valley Project Mendota Pool, Refuge Diversion, Actual Diversion

July DWRSIM Flows (flows sorted in ascending order)

Wet		Above Normal		Below Normal		Dry		Critical	
Date	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**
Jul-41	6	Jul-63	6	Jul-62	6	Jul-33	5	Jul-91	4
Jul-58	6	Jul-35	6	Jul-28	6	Jul-64	6	Jul-24	4
Jul-37	6	Jul-36	6	Jul-25	6	Jul-26	6	Jul-77	4
Jul-65	6	Jul-32	6	Jul-57	6	Jul-72	6	Jul-31	5
Jul-75	6	Jul-27	6	Jul-48	6	Jul-55	6	Jul-29	6
Jul-74	6	Jul-73	6	Jul-49	6	Jul-81	6	Jul-30	6
Jul-22	6	Jul-79	6	Jul-50	6	Jul-85	6	Jul-90	6
Jul-43	6	Jul-51	6	Jul-53	6	Jul-47	6	Jul-34	6
Jul-86	6	Jul-40	6	Jul-54	6	Jul-68	6	Jul-88	6
Jul-56	6	Jul-23	6	Jul-71	6	Jul-59	6	Jul-89	6
Jul-93	6	Jul-45	6	Jul-66	6	Jul-39	6	Jul-61	6
Jul-42	6	Jul-70	6	Jul-44	6			Jul-60	6
Jul-78	6	Jul-84	6					Jul-76	6
Jul-52	6	Jul-46	6					Jul-87	6
Jul-82	6							Jul-94	6
Jul-38	6							Jul-92	6
Jul-80	6								
Jul-69	6								
Jul-67	6								
Jul-83	6								

DWRSIM Control Point 732, Central Valley Project Mendota Pool, Refuge Diversion, Actual Diversion

August DWRSIM Flows (flows sorted in ascending order)

Wet		Above Normal		Below Normal		Dry		Critical	
Date	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**
Aug-58	11	Aug-63	11	Aug-28	11	Aug-33	9	Aug-91	8
Aug-38	11	Aug-27	11	Aug-62	11	Aug-26	11	Aug-24	8
Aug-52	11	Aug-32	11	Aug-25	11	Aug-81	11	Aug-77	9
Aug-78	11	Aug-35	11	Aug-48	11	Aug-64	11	Aug-31	10
Aug-65	11	Aug-73	11	Aug-57	11	Aug-72	11	Aug-92	11
Aug-41	11	Aug-36	11	Aug-71	11	Aug-68	11	Aug-29	11
Aug-42	11	Aug-79	11	Aug-53	11	Aug-85	11	Aug-30	11
Aug-56	11	Aug-23	11	Aug-66	11	Aug-59	11	Aug-90	11
Aug-74	11	Aug-45	11	Aug-50	11	Aug-55	11	Aug-34	11
Aug-80	11	Aug-70	11	Aug-49	11	Aug-47	11	Aug-89	11
Aug-67	11	Aug-51	11	Aug-54	11	Aug-39	11	Aug-61	11
Aug-69	11	Aug-84	11	Aug-44	11			Aug-88	11
Aug-22	11	Aug-40	11					Aug-76	11
Aug-37	11	Aug-46	11					Aug-87	11
Aug-82	11							Aug-60	11
Aug-43	11							Aug-94	11
Aug-86	11								
Aug-75	11								
Aug-83	11								
Aug-93	11								

DWRSIM Control Point 732, Central Valley Project Mendota Pool, Refuge Diversion, Actual Diversion

September DWRSIM Flows (flows sorted in ascending order)

Wet		Above Normal		Below Normal		Dry		Critical	
Date	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**
Sep-65	46	Sep-32	46	Sep-28	46	Sep-33	36	Sep-91	32
Sep-75	46	Sep-63	46	Sep-25	46	Sep-72	46	Sep-24	35
Sep-22	46	Sep-79	46	Sep-62	46	Sep-64	46	Sep-77	35
Sep-74	46	Sep-35	46	Sep-66	46	Sep-26	46	Sep-31	39
Sep-37	46	Sep-23	46	Sep-50	46	Sep-59	46	Sep-92	46
Sep-43	46	Sep-36	46	Sep-49	46	Sep-68	46	Sep-29	46
Sep-41	46	Sep-73	46	Sep-57	46	Sep-81	46	Sep-30	46
Sep-86	46	Sep-51	46	Sep-48	46	Sep-39	46	Sep-88	46
Sep-56	46	Sep-70	46	Sep-53	46	Sep-55	46	Sep-61	46
Sep-93	46	Sep-40	46	Sep-54	46	Sep-47	46	Sep-90	46
Sep-42	46	Sep-84	46	Sep-71	46	Sep-85	46	Sep-34	46
Sep-58	46	Sep-45	46	Sep-44	46			Sep-89	46
Sep-52	46	Sep-46	46					Sep-76	46
Sep-69	46	Sep-27	46					Sep-94	46
Sep-38	46							Sep-87	46
Sep-80	46							Sep-60	46
Sep-78	46								
Sep-67	46								
Sep-82	46								
Sep-83	46								

DWRSIM Control Point 732, Central Valley Project Mendota Pool, Refuge Diversion, Actual Diversion

October DWRSIM Flows (flows sorted in ascending order)

Wet		Above Normal		Below Normal		Dry		Critical	
Date	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**
Oct-37	58	Oct-84	58	Oct-28	58	Oct-33	47	Oct-91	41
Oct-43	58	Oct-70	58	Oct-49	58	Oct-59	58	Oct-24	44
Oct-74	58	Oct-51	58	Oct-53	58	Oct-47	58	Oct-77	45
Oct-86	58	Oct-21	58	Oct-62	58	Oct-39	58	Oct-31	50
Oct-22	58	Oct-46	58	Oct-48	58	Oct-72	58	Oct-90	58
Oct-93	58	Oct-63	58	Oct-54	58	Oct-26	58	Oct-88	58
Oct-75	58	Oct-40	58	Oct-71	58	Oct-64	58	Oct-61	58
Oct-65	58	Oct-36	58	Oct-50	58	Oct-81	58	Oct-30	58
Oct-56	58	Oct-79	58	Oct-57	58	Oct-68	58	Oct-76	58
Oct-58	58	Oct-23	58	Oct-44	58	Oct-55	58	Oct-87	58
Oct-67	58	Oct-32	58	Oct-66	58	Oct-85	58	Oct-60	58
Oct-41	58	Oct-35	58	Oct-25	59			Oct-29	58
Oct-80	58	Oct-73	58					Oct-89	59
Oct-42	58	Oct-45	58					Oct-92	59
Oct-69	58	Oct-27	58					Oct-34	59
Oct-52	58								
Oct-38	58								
Oct-83	58								
Oct-82	58								
Oct-78	59								

DWRSIM Control Point 732, Central Valley Project Mendota Pool, Refuge Diversion, Actual Diversion

November DWRSIM Flows (flows sorted in ascending order)

Wet		Above Normal		Below Normal		Dry		Critical	
Date	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**
Nov-56	33	Nov-32	33	Nov-28	33	Nov-33	26	Nov-91	23
Nov-86	33	Nov-23	33	Nov-25	33	Nov-59	33	Nov-24	25
Nov-43	33	Nov-27	33	Nov-71	33	Nov-47	33	Nov-77	26
Nov-74	33	Nov-35	33	Nov-62	33	Nov-72	33	Nov-31	29
Nov-93	33	Nov-84	33	Nov-49	33	Nov-39	33	Nov-30	33
Nov-75	33	Nov-36	33	Nov-54	33	Nov-26	33	Nov-88	33
Nov-37	33	Nov-70	33	Nov-48	33	Nov-55	33	Nov-90	33
Nov-67	33	Nov-51	33	Nov-53	33	Nov-64	33	Nov-89	33
Nov-58	33	Nov-21	33	Nov-57	33	Nov-68	33	Nov-29	33
Nov-78	33	Nov-79	33	Nov-66	33	Nov-85	33	Nov-60	33
Nov-22	33	Nov-40	33	Nov-44	33	Nov-81	33	Nov-87	33
Nov-80	33	Nov-63	33	Nov-50	33			Nov-61	33
Nov-52	33	Nov-46	33					Nov-76	33
Nov-41	33	Nov-45	33					Nov-34	33
Nov-38	33	Nov-73	33					Nov-92	34
Nov-69	33								
Nov-42	33								
Nov-65	33								
Nov-82	33								
Nov-83	33								

DWRSIM Control Point 732, Central Valley Project Mendota Pool, Refuge Diversion, Actual Diversion

December DWRSIM Flows (flows sorted in ascending order)

Wet		Above Normal		Below Normal		Dry		Critical	
Date	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**	**Date**	**Flow (TAF)**
Dec-93	16	Dec-32	16	Dec-28	16	Dec-33	13	Dec-91	11
Dec-86	16	Dec-23	16	Dec-62	16	Dec-59	16	Dec-24	13
Dec-56	16	Dec-84	16	Dec-49	16	Dec-47	16	Dec-77	13
Dec-75	16	Dec-35	16	Dec-48	16	Dec-72	16	Dec-31	14
Dec-67	16	Dec-63	16	Dec-54	16	Dec-26	16	Dec-88	16
Dec-43	16	Dec-70	16	Dec-71	16	Dec-39	16	Dec-90	16
Dec-58	16	Dec-51	16	Dec-53	16	Dec-85	16	Dec-60	16
Dec-74	16	Dec-79	16	Dec-57	16	Dec-68	16	Dec-30	16
Dec-80	16	Dec-36	16	Dec-44	16	Dec-81	16	Dec-29	16
Dec-38	16	Dec-21	16	Dec-66	16	Dec-64	16	Dec-87	16
Dec-52	16	Dec-27	16	Dec-50	16	Dec-55	16	Dec-61	16
Dec-22	16	Dec-46	16	Dec-25	17			Dec-76	16
Dec-69	16	Dec-73	16					Dec-89	17
Dec-42	16	Dec-40	16					Dec-34	17
Dec-41	16	Dec-45	16					Dec-92	17
Dec-65	16								
Dec-37	16								
Dec-82	16								
Dec-83	16								
Dec-78	17								

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APPENDIX G: LINKAGE ANALYSIS FLOWS, SALT LOADS, ELECTRICAL CONDUCTIVITY, AND BORON CONCENTRATIONS

July 2004 Draft Final Staff Report

TMDL Linkage Analysis

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Month - Year	Year-type	Vernalis Q[1] (TAF)	Groundwater Q[2] (TAF)	Salinity Water Quality Objective (µ/S/cm)	Total Assimilative Capacity (1000 tons)	Groundwater Salt Load[2] (1000 tons)	Background Salt Load[2,5] (1000 tons)	CUA Load[6] (1000 tons)	M&I Load[2] (1000 tons)	Load Allocations[2] (1000 tons)	sum of loads[7] (1000 tons)	Additional Assimilative Capacity[8] (1000 tons)	Calculated EC[3] (µS/cm)	Calculated boron conc. (mg/L)	Boron water quality objective[4] (mg/L)
Oct-21	AN	124	6	1,000	103	13	8.3	21.9	2.7	57.1	103	0	1000	0.6	1.0
Nov-21	AN	104	6	1,000	86	14	6.9	18.2	2.7	34.6	76	10	880	0.53	1.0
Dec-21	AN	158	7	1,000	131	15	10.7	28.1	2.7	32.3	89	42	680	0.41	1.0
Jan-22	W	169	7	1,000	140	15	11.4	30.2	2.7	42.2	102	38	730	0.44	1.0
Feb-22	W	375	6	1,000	311	15	26.1	68.6	2.7	86.3	199	112	640	0.38	1.0
Mar-22	W	335	14	1,000	278	30	22.7	59.8	2.7	116.4	232	46	840	0.5	1.0
Apr-22	W	382	15	700	222	32	26.0	68.4	1.3	61.7	189	33	600	0.36	0.8
May-22	W	355	17	700	206	36	23.9	63.0	1.3	67.3	192	14	650	0.39	0.8
Jun-22	W	414	24	700	240	53	27.6	72.6	0.0	0.0	153	87	450	0.27	0.8
Jul-22	W	111	21	700	64	46	6.3	16.7	0.0	0.0	69	-5	750	0.45	0.8
Aug-22	W	107	13	700	62	27	6.7	17.5	0.0	5.1	56	6	630	0.38	0.8
Sep-22	W	117	7	1,000	97	16	7.7	20.4	2.7	43.9	91	6	940	0.56	1.0
Oct-22	W	252	6	1,000	209	13	17.4	45.8	2.7	97.8	177	32	850	0.51	1.0
Nov-22	W	131	6	1,000	109	14	8.8	23.2	2.7	43.7	92	17	850	0.51	1.0
Dec-22	W	233	7	1,000	193	15	16.0	42.1	2.7	35.8	112	81	580	0.35	1.0
Jan-23	AN	268	7	1,000	222	15	18.4	48.6	2.7	44.9	130	92	580	0.35	1.0
Feb-23	AN	244	6	1,000	202	15	16.8	44.2	2.7	86.3	165	37	820	0.49	1.0
Mar-23	AN	166	14	1,000	138	30	10.7	28.3	2.7	64.8	137	1	1000	0.6	1.0
Apr-23	AN	357	15	700	207	32	24.2	63.8	1.3	63.0	184	23	620	0.37	0.8
May-23	AN	344	17	700	200	36	23.1	60.9	1.3	50.5	172	28	600	0.36	0.8
Jun-23	AN	144	24	700	84	53	8.5	22.3	0.0	0.0	84	0	700	0.42	0.8
Jul-23	AN	109	21	700	63	46	6.2	16.3	0.0	0.0	69	-6	760	0.46	0.8
Aug-23	AN	105	13	700	61	27	6.5	17.2	0.0	0.0	51	10	590	0.35	0.8
Sep-23	AN	111	7	1,000	92	16	7.3	19.3	2.7	43.2	89	3	970	0.58	1.0
Oct-23	AN	139	6	1,000	115	13	9.4	24.7	2.7	57.1	107	8	930	0.56	1.0
Nov-23	AN	94	6	1,000	78	14	6.2	16.3	2.7	34.6	74	4	950	0.57	1.0
Dec-23	AN	102	7	1,000	85	15	6.7	17.7	2.7	32.3	74	11	870	0.52	1.0
Jan-24	C	97	7	1,000	80	15	6.4	16.8	2.7	19.5	60	20	750	0.45	1.0
Feb-24	C	102	6	1,000	85	15	6.8	17.8	2.7	15.6	58	27	690	0.41	1.0
Mar-24	C	100	14	1,000	83	30	6.1	16.0	2.7	11.7	67	16	810	0.48	1.0
Apr-24	C	111	15	700	64	32	6.8	17.9	1.3	0.0	58	6	630	0.38	0.8
May-24	C	105	17	700	61	36	6.2	16.4	1.3	0.0	60	1	690	0.41	0.8
Jun-24	C	72	24	700	42	53	3.4	8.9	0.0	0.0	65	-23	1100	0.65	0.8
Jul-24	C	48	21	700	28	46	1.9	4.9	0.0	0.0	53	-25	1300	0.8	0.8
Aug-24	C	49	13	700	28	27	2.6	6.7	0.0	0.0	36	-8	890	0.53	0.8
Sep-24	C	68	7	1,000	56	16	4.3	11.3	2.7	17.8	52	4	920	0.55	1.0
Oct-24	C	80	6	1,000	66	13	5.2	13.8	2.7	29.4	64	2	960	0.58	1.0
Nov-24	C	81	6	1,000	67	14	5.3	13.9	2.7	25.0	61	6	910	0.54	1.0
Dec-24	C	81	7	1,000	67	15	5.2	13.8	2.7	23.4	60	7	890	0.54	1.0
Jan-25	BN	74	7	1,000	61	15	4.7	12.5	2.7	22.6	58	3	950	0.57	1.0
Feb-25	BN	149	6	1,000	124	15	10.1	26.5	2.7	24.0	78	46	630	0.38	1.0

1 flow from DWRSIM CALFED study 771
2 values from load allocation
3 two significant figures
4 =EC * 0.0006 (EC to boron relationship)
5 = (Column C - Column E) * 52 mg/L * *cf*
6 = (Column C - Column E) * (189 - 52 mg/L) * *cf*
7 = Column G + Column H + Column I + Column J
8 = Column F - Column L

cf (conversion factor) = 0.00136

TMDL Linkage Analysis

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Month - Year	Year-type	Vernalis Q[1] (TAF)	Groundwater Q[2] (TAF)	Salinity Water Quality Objective (µ/S/cm)	Total Assimilative Capacity (1000 tons)	Groundwater Salt Load[2] (1000 tons)	Background Salt Load[2,5] (1000 tons)	CUA Load[6] (1000 tons)	M&I Load[2] (1000 tons)	Load Allocations[2] (1000 tons)	sum of loads[7] (1000 tons)	Additional Assimilative Capacity[8] (1000 tons)	Calculated EC[3] (µS/cm)	Calculated boron conc. (mg/L)	Boron water quality objective[4] (mg/L)
Mar-25	BN	149	14	1,000	124	30	9.5	25.1	2.7	31.7	99	25	800	0.48	1.0
Apr-25	BN	237	15	700	138	32	15.7	41.4	1.3	39.4	130	8	660	0.4	0.8
May-25	BN	215	17	700	125	36	14.0	36.9	1.3	27.2	115	10	640	0.39	0.8
Jun-25	BN	114	24	700	66	53	6.3	16.7	0.0	0.0	76	-10	800	0.48	0.8
Jul-25	BN	100	21	700	58	46	5.6	14.6	0.0	0.0	66	-8	800	0.48	0.8
Aug-25	BN	97	13	700	56	27	5.9	15.7	0.0	0.0	49	7	610	0.37	0.8
Sep-25	BN	101	7	1,000	84	16	6.6	17.4	2.7	37.1	80	4	960	0.57	1.0
Oct-25	BN	101	6	1,000	84	13	6.7	17.7	2.7	40.5	81	3	970	0.58	1.0
Nov-25	BN	86	6	1,000	71	14	5.6	14.8	2.7	33.1	70	1	980	0.59	1.0
Dec-25	BN	87	7	1,000	72	15	5.6	14.9	2.7	30.3	69	3	960	0.57	1.0
Jan-26	D	79	7	1,000	66	15	5.1	13.4	2.7	29.8	66	0	1000	0.6	1.0
Feb-26	D	135	6	1,000	112	15	9.1	23.9	2.7	40.6	91	21	810	0.49	1.0
Mar-26	D	103	14	1,000	85	30	6.3	16.6	2.7	25.5	81	4	950	0.57	1.0
Apr-26	D	217	15	700	126	32	14.3	37.7	1.3	18.7	104	22	580	0.35	0.8
May-26	D	197	17	700	114	36	12.7	33.5	1.3	12.7	96	18	590	0.35	0.8
Jun-26	D	93	24	700	54	53	4.9	12.8	0.0	0.0	71	-17	920	0.55	0.8
Jul-26	D	67	21	700	39	46	3.2	8.5	0.0	0.0	58	-19	1000	0.63	0.8
Aug-26	D	49	13	700	28	27	2.6	6.7	0.0	0.0	36	-8	890	0.53	0.8
Sep-26	D	79	7	1,000	66	16	5.1	13.3	2.7	24.0	61	5	930	0.56	1.0
Oct-26	D	88	6	1,000	73	13	5.8	15.2	2.7	30.8	68	5	930	0.56	1.0
Nov-26	D	113	6	1,000	94	14	7.5	19.9	2.7	27.2	71	23	760	0.45	1.0
Dec-26	D	118	7	1,000	98	15	7.8	20.7	2.7	28.4	75	23	770	0.46	1.0
Jan-27	AN	109	7	1,000	90	15	7.2	19.0	2.7	44.9	89	1	980	0.59	1.0
Feb-27	AN	286	6	1,000	237	15	19.8	52.1	2.7	86.3	176	61	740	0.45	1.0
Mar-27	AN	222	14	1,000	184	30	14.7	38.7	2.7	64.8	151	33	820	0.49	1.0
Apr-27	AN	344	15	700	200	32	23.3	61.3	1.3	63.0	181	19	630	0.38	0.8
May-27	AN	318	17	700	185	36	21.3	56.1	1.3	50.5	165	20	630	0.38	0.8
Jun-27	AN	121	24	700	70	53	6.8	18.0	0.0	0.0	78	-8	780	0.47	0.8
Jul-27	AN	102	21	700	59	46	5.7	15.0	0.0	0.0	67	-8	790	0.48	0.8
Aug-27	AN	100	13	700	58	27	6.2	16.2	0.0	0.0	49	9	590	0.35	0.8
Sep-27	AN	109	7	1,000	90	16	7.2	18.9	2.7	43.2	88	2	970	0.58	1.0
Oct-27	AN	276	6	1,000	229	13	19.1	50.3	2.7	57.1	142	87	620	0.37	1.0
Nov-27	AN	113	6	1,000	94	14	7.5	19.9	2.7	34.6	79	15	840	0.51	1.0
Dec-27	AN	148	7	1,000	123	15	10.0	26.2	2.7	32.3	86	37	700	0.42	1.0
Jan-28	BN	146	7	1,000	121	15	9.8	25.9	2.7	22.6	76	45	630	0.38	1.0
Feb-28	BN	152	6	1,000	126	15	10.3	27.1	2.7	24.0	79	47	630	0.38	1.0
Mar-28	BN	183	14	1,000	152	30	11.9	31.5	2.7	31.7	108	44	710	0.43	1.0
Apr-28	BN	269	15	700	156	32	18.0	47.4	1.3	39.4	138	18	620	0.37	0.8
May-28	BN	244	17	700	142	36	16.0	42.3	1.3	27.2	123	19	610	0.36	0.8
Jun-28	BN	101	24	700	59	53	5.4	14.3	0.0	0.0	73	-14	870	0.52	0.8
Jul-28	BN	88	21	700	51	46	4.7	12.4	0.0	0.0	63	-12	860	0.52	0.8

1 flow from DWRSIM CALFED study 771
2 values from load allocation
3 two significant figures
4 =EC * 0.0006 (EC to boron relationship)
5 = (Column C - Column E) * 52 mg/L * *cf*
6 = (Column C - Column E) * (189 - 52 mg/L) * *cf*
7 = Column G + Column H + Column I + Column J
8 = Column F - Column L

cf (conversion factor) = 0.00136

TMDL Linkage Analysis

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Month - Year	Year-type	Vernalis Q[1] (TAF)	Groundwater Q[2] (TAF)	Salinity Water Quality Objective (µ/S/cm)	Total Assimilative Capacity (1000 tons)	Groundwater Salt Load[2] (1000 tons)	Background Salt Load[2,5] (1000 tons)	CUA Load[6] (1000 tons)	M&I Load[2] (1000 tons)	Load Allocations[2] (1000 tons)	sum of loads[7] (1000 tons)	Additional Assimilative Capacity[8] (1000 tons)	Calculated EC[3] (µS/cm)	Calculated boron conc. (mg/L)	Boron water quality objective[4] (mg/L)
Aug-28	BN	89	13	700	52	27	5.4	14.2	0.0	0.0	47	5	640	0.38	0.8
Sep-28	BN	94	7	1,000	78	16	6.1	16.1	2.7	37.1	78	0	1000	0.6	1.0
Oct-28	BN	95	6	1,000	79	13	6.3	16.5	2.7	40.5	79	0	1000	0.6	1.0
Nov-28	BN	86	6	1,000	71	14	5.6	14.8	2.7	33.1	70	1	980	0.59	1.0
Dec-28	BN	86	7	1,000	71	15	5.6	14.7	2.7	30.3	68	3	950	0.57	1.0
Jan-29	C	80	7	1,000	66	15	5.2	13.6	2.7	19.5	56	10	840	0.51	1.0
Feb-29	C	86	6	1,000	71	15	5.6	14.8	2.7	15.6	54	17	760	0.45	1.0
Mar-29	C	99	14	1,000	82	30	6.0	15.8	2.7	11.7	66	16	800	0.48	1.0
Apr-29	C	154	15	700	89	32	9.9	26.0	1.3	0.0	69	20	540	0.32	0.8
May-29	C	149	17	700	86	36	9.3	24.6	1.3	0.0	71	15	570	0.34	0.8
Jun-29	C	71	24	700	41	53	3.3	8.7	0.0	0.0	65	-24	1100	0.66	0.8
Jul-29	C	45	21	700	26	46	1.7	4.4	0.0	0.0	52	-26	1400	0.84	0.8
Aug-29	C	43	13	700	25	27	2.1	5.6	0.0	0.0	35	-10	980	0.59	0.8
Sep-29	C	68	7	1,000	56	16	4.3	11.3	2.7	17.8	52	4	920	0.55	1.0
Oct-29	C	81	6	1,000	67	13	5.3	13.9	2.7	29.4	64	3	950	0.57	1.0
Nov-29	C	75	6	1,000	62	14	4.8	12.8	2.7	25.0	59	3	950	0.57	1.0
Dec-29	C	71	7	1,000	59	15	4.5	11.9	2.7	23.4	58	1	990	0.59	1.0
Jan-30	C	77	7	1,000	64	15	4.9	13.0	2.7	19.5	55	9	860	0.52	1.0
Feb-30	C	87	6	1,000	72	15	5.7	15.0	2.7	15.6	54	18	750	0.45	1.0
Mar-30	C	112	14	1,000	93	30	6.9	18.2	2.7	11.7	70	23	750	0.45	1.0
Apr-30	C	155	15	700	90	32	9.9	26.1	1.3	0.0	69	21	540	0.32	0.8
May-30	C	150	17	700	87	36	9.4	24.8	1.3	0.0	72	15	580	0.35	0.8
Jun-30	C	70	24	700	41	53	3.2	8.5	0.0	0.0	65	-24	1100	0.67	0.8
Jul-30	C	44	21	700	26	46	1.6	4.2	0.0	0.0	52	-26	1400	0.86	0.8
Aug-30	C	46	13	700	27	27	2.3	6.2	0.0	0.0	36	-9	940	0.57	0.8
Sep-30	C	70	7	1,000	58	16	4.4	11.7	2.7	17.8	53	5	910	0.55	1.0
Oct-30	C	85	6	1,000	70	13	5.6	14.7	2.7	29.4	65	5	920	0.55	1.0
Nov-30	C	71	6	1,000	59	14	4.6	12.0	2.7	25.0	58	1	990	0.59	1.0
Dec-30	C	71	7	1,000	59	15	4.5	11.9	2.7	23.4	58	1	990	0.59	1.0
Jan-31	C	68	7	1,000	56	15	4.3	11.4	2.7	19.5	53	3	940	0.56	1.0
Feb-31	C	65	6	1,000	54	15	4.1	10.9	2.7	15.6	48	6	890	0.53	1.0
Mar-31	C	75	14	1,000	62	30	4.3	11.4	2.7	11.7	60	2	960	0.58	1.0
Apr-31	C	98	15	700	57	32	5.9	15.5	1.3	0.0	55	2	680	0.41	0.8
May-31	C	88	17	700	51	36	5.0	13.2	1.3	0.0	56	-5	770	0.46	0.8
Jun-31	C	51	24	700	30	53	1.9	5.0	0.0	0.0	60	-30	1400	0.85	0.8
Jul-31	C	50	21	700	29	46	2.0	5.3	0.0	0.0	53	-24	1300	0.77	0.8
Aug-31	C	51	13	700	30	27	2.7	7.1	0.0	0.0	37	-7	870	0.52	0.8
Sep-31	C	69	7	1,000	57	16	4.4	11.5	2.7	17.8	52	5	910	0.55	1.0
Oct-31	C	80	6	1,000	66	13	5.2	13.8	2.7	29.4	64	2	960	0.58	1.0
Nov-31	C	76	6	1,000	63	14	4.9	13.0	2.7	25.0	60	3	950	0.57	1.0
Dec-31	C	190	7	1,000	158	15	12.9	34.1	2.7	23.4	88	70	560	0.34	1.0

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2 values from load allocation
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4 =EC * 0.0006 (EC to boron relationship)
5 = (Column C - Column E) * 52 mg/L * *cf*
6 = (Column C - Column E) * (189 - 52 mg/L) * *cf*
7 = Column G + Column H + Column I + Column J
8 = Column F - Column L

cf (conversion factor) = 0.00136

TMDL Linkage Analysis

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Month - Year	Year-type	Vernalis Q[1] (TAF)	Groundwater Q[2] (TAF)	Salinity Water Quality Objective (µ/S/cm)	Total Assimilative Capacity (1000 tons)	Groundwater Salt Load[2] (1000 tons)	Background Salt Load[2,5] (1000 tons)	CUA Load[6] (1000 tons)	M&I Load[2] (1000 tons)	Load Allocations[2] (1000 tons)	sum of loads[7] (1000 tons)	Additional Assimilative Capacity[8] (1000 tons)	Calculated EC[3] (µS/cm)	Calculated boron conc. (mg/L)	Boron water quality objective[4] (mg/L)
Jan-32	AN	212	7	1,000	176	15	14.5	38.2	2.7	44.9	115	61	650	0.39	1.0
Feb-32	AN	421	6	1,000	349	15	29.3	77.2	2.7	86.3	211	138	600	0.36	1.0
Mar-32	AN	276	14	1,000	229	30	18.5	48.8	2.7	64.8	165	64	720	0.43	1.0
Apr-32	AN	286	15	700	166	32	19.2	50.5	1.3	63.0	166	0	700	0.42	0.8
May-32	AN	258	17	700	150	36	17.0	44.9	1.3	50.5	150	0	700	0.42	0.8
Jun-32	AN	108	24	700	63	53	5.9	15.6	0.0	0.0	75	-12	840	0.5	0.8
Jul-32	AN	98	21	700	57	46	5.4	14.3	0.0	0.0	66	-9	810	0.49	0.8
Aug-32	AN	97	13	700	56	27	5.9	15.7	0.0	0.0	49	7	610	0.37	0.8
Sep-32	AN	105	7	1,000	87	16	6.9	18.2	2.7	43.2	87	0	1000	0.6	1.0
Oct-32	AN	172	6	1,000	143	13	11.7	30.9	2.7	57.1	115	28	810	0.48	1.0
Nov-32	AN	87	6	1,000	72	14	5.7	15.0	2.7	34.6	72	0	1000	0.6	1.0
Dec-32	AN	85	7	1,000	70	15	5.5	14.5	2.7	32.3	70	0	990	0.6	1.0
Jan-33	D	101	7	1,000	84	15	6.6	17.5	2.7	29.8	72	12	860	0.52	1.0
Feb-33	D	112	6	1,000	93	15	7.5	19.6	2.7	40.6	85	8	920	0.55	1.0
Mar-33	D	120	14	1,000	100	30	7.5	19.7	2.7	25.5	85	15	850	0.51	1.0
Apr-33	D	156	15	700	91	32	10.0	26.3	1.3	18.7	88	3	680	0.41	0.8
May-33	D	153	17	700	89	36	9.6	25.3	1.3	12.7	85	4	670	0.4	0.8
Jun-33	D	76	24	700	44	53	3.7	9.6	0.0	0.0	66	-22	1000	0.63	0.8
Jul-33	D	44	21	700	26	46	1.6	4.2	0.0	0.0	52	-26	1400	0.86	0.8
Aug-33	D	56	13	700	33	27	3.1	8.0	0.0	0.0	38	-5	820	0.49	0.8
Sep-33	D	71	7	1,000	59	16	4.5	11.8	2.7	24.0	59	0	1000	0.6	1.0
Oct-33	D	78	6	1,000	65	13	5.1	13.4	2.7	30.8	65	0	1000	0.6	1.0
Nov-33	D	73	6	1,000	61	14	4.7	12.4	2.7	27.2	61	0	1000	0.6	1.0
Dec-33	D	77	7	1,000	64	15	4.9	13.0	2.7	28.4	64	0	1000	0.6	1.0
Jan-34	C	75	7	1,000	62	15	4.8	12.7	2.7	19.5	55	7	880	0.53	1.0
Feb-34	C	109	6	1,000	90	15	7.2	19.1	2.7	15.6	60	30	660	0.4	1.0
Mar-34	C	95	14	1,000	79	30	5.7	15.1	2.7	11.7	65	14	830	0.5	1.0
Apr-34	C	113	15	700	66	32	7.0	18.3	1.3	0.0	59	7	630	0.38	0.8
May-34	C	106	17	700	62	36	6.3	16.6	1.3	0.0	60	2	680	0.41	0.8
Jun-34	C	48	24	700	28	53	1.7	4.4	0.0	0.0	59	-31	1500	0.89	0.8
Jul-34	C	47	21	700	27	46	1.8	4.8	0.0	0.0	53	-26	1400	0.82	0.8
Aug-34	C	49	13	700	28	27	2.6	6.7	0.0	0.0	36	-8	890	0.53	0.8
Sep-34	C	72	7	1,000	60	16	4.6	12.0	2.7	17.8	53	7	890	0.53	1.0
Oct-34	C	84	6	1,000	70	13	5.5	14.5	2.7	29.4	65	5	930	0.56	1.0
Nov-34	C	82	6	1,000	68	14	5.3	14.1	2.7	25.0	61	7	900	0.54	1.0
Dec-34	C	86	7	1,000	71	15	5.6	14.7	2.7	23.4	61	10	860	0.51	1.0
Jan-35	AN	182	7	1,000	151	15	12.4	32.6	2.7	44.9	108	43	720	0.43	1.0
Feb-35	AN	178	6	1,000	148	15	12.1	31.9	2.7	86.3	148	0	1000	0.6	1.0
Mar-35	AN	212	14	1,000	176	30	14.0	36.9	2.7	64.8	148	28	840	0.51	1.0
Apr-35	AN	404	15	700	235	32	27.5	72.5	1.3	63.0	196	39	590	0.35	0.8
May-35	AN	391	17	700	227	36	26.4	69.7	1.3	50.5	184	43	570	0.34	0.8

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5 = (Column C - Column E) * 52 mg/L * *cf*
6 = (Column C - Column E) * (189 - 52 mg/L) * *cf*
7 = Column G + Column H + Column I + Column J
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cf (conversion factor) = 0.00136

TMDL Linkage Analysis

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Month - Year	Year-type	Vernalis Q[1] (TAF)	Groundwater Q[2] (TAF)	Salinity Water Quality Objective (µ/S/cm)	Total Assimilative Capacity (1000 tons)	Groundwater Salt Load[2] (1000 tons)	Background Salt Load[2,5] (1000 tons)	CUA Load[6] (1000 tons)	M&I Load[2] (1000 tons)	Load Allocations[2] (1000 tons)	sum of loads[7] (1000 tons)	Additional Assimilative Capacity[8] (1000 tons)	Calculated EC[3] (µS/cm)	Calculated boron conc. (mg/L)	Boron water quality objective[4] (mg/L)
Jun-35	AN	241	24	700	140	53	15.3	40.4	0.0	0.0	109	31	550	0.33	0.8
Jul-35	AN	112	21	700	65	46	6.4	16.9	0.0	0.0	69	-4	740	0.45	0.8
Aug-35	AN	106	13	700	62	27	6.6	17.4	0.0	0.0	51	11	580	0.35	0.8
Sep-35	AN	115	7	1,000	95	16	7.6	20.0	2.7	43.2	90	5	940	0.57	1.0
Oct-35	AN	196	6	1,000	163	13	13.4	35.4	2.7	57.1	122	41	750	0.45	1.0
Nov-35	AN	93	6	1,000	77	14	6.1	16.1	2.7	34.6	74	3	960	0.58	1.0
Dec-35	AN	100	7	1,000	83	15	6.6	17.3	2.7	32.3	74	9	890	0.54	1.0
Jan-36	AN	143	7	1,000	119	15	9.6	25.3	2.7	44.9	98	21	830	0.5	1.0
Feb-36	AN	715	6	1,000	593	15	50.1	132.0	2.7	86.3	286	307	480	0.29	1.0
Mar-36	AN	352	14	1,000	292	30	23.9	62.9	2.7	64.8	184	108	630	0.38	1.0
Apr-36	AN	387	15	700	225	32	26.3	69.4	1.3	63.0	192	33	600	0.36	0.8
May-36	AN	346	17	700	201	36	23.3	61.3	1.3	50.5	172	29	600	0.36	0.8
Jun-36	AN	122	24	700	71	53	6.9	18.2	0.0	0.0	78	-7	770	0.46	0.8
Jul-36	AN	106	21	700	62	46	6.0	15.7	0.0	0.0	68	-6	770	0.46	0.8
Aug-36	AN	103	13	700	60	27	6.4	16.8	0.0	0.0	50	10	590	0.35	0.8
Sep-36	AN	113	7	1,000	94	16	7.5	19.7	2.7	43.2	89	5	950	0.57	1.0
Oct-36	AN	157	6	1,000	130	13	10.7	28.1	2.7	57.1	112	18	860	0.52	1.0
Nov-36	AN	94	6	1,000	78	14	6.2	16.3	2.7	34.6	74	4	950	0.57	1.0
Dec-36	AN	119	7	1,000	99	15	7.9	20.8	2.7	32.3	79	20	800	0.48	1.0
Jan-37	W	168	7	1,000	139	15	11.4	30.0	2.7	42.2	101	38	720	0.43	1.0
Feb-37	W	727	6	1,000	603	15	50.9	134.2	2.7	86.3	289	314	480	0.29	1.0
Mar-37	W	677	14	1,000	561	30	46.9	123.5	2.7	116.4	320	241	570	0.34	1.0
Apr-37	W	486	15	700	282	32	33.3	87.8	1.3	61.7	216	66	540	0.32	0.8
May-37	W	528	17	700	307	36	36.1	95.2	1.3	67.3	236	71	540	0.32	0.8
Jun-37	W	167	24	700	97	53	10.1	26.6	0.0	0.0	90	7	650	0.39	0.8
Jul-37	W	112	21	700	65	46	6.4	16.9	0.0	0.0	69	-4	740	0.45	0.8
Aug-37	W	110	13	700	64	27	6.9	18.1	0.0	5.1	57	7	620	0.37	0.8
Sep-37	W	119	7	1,000	99	16	7.9	20.8	2.7	43.9	91	8	920	0.55	1.0
Oct-37	W	195	6	1,000	162	13	13.3	35.2	2.7	97.8	162	0	1000	0.6	1.0
Nov-37	W	108	6	1,000	90	14	7.2	18.9	2.7	43.7	87	3	970	0.58	1.0
Dec-37	W	317	7	1,000	263	15	21.9	57.7	2.7	35.8	133	130	510	0.3	1.0
Jan-38	W	432	7	1,000	358	15	30.0	79.1	2.7	42.2	169	189	470	0.28	1.0
Feb-38	W	1,251	6	1,000	1,037	15	88.0	231.8	2.7	86.3	424	613	410	0.25	1.0
Mar-38	W	1,926	14	1,000	1,597	30	135.2	356.1	2.7	116.4	640	957	400	0.24	1.0
Apr-38	W	1,078	15	700	626	32	75.2	198.1	1.3	61.7	368	258	410	0.25	0.8
May-38	W	1,518	17	700	881	36	106.1	279.6	1.3	67.3	490	391	390	0.23	0.8
Jun-38	W	787	24	700	457	53	53.9	142.1	0.0	0.0	249	208	380	0.23	0.8
Jul-38	W	236	21	700	137	46	15.2	40.0	0.0	0.0	101	36	520	0.31	0.8
Aug-38	W	113	13	700	66	27	7.1	18.7	0.0	5.1	58	8	620	0.37	0.8
Sep-38	W	203	7	1,000	168	16	13.8	36.4	2.7	43.9	113	55	670	0.4	1.0
Oct-38	W	337	6	1,000	279	13	23.4	61.6	2.7	97.8	199	80	710	0.43	1.0

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TMDL Linkage Analysis

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Month - Year	Year-type	Vernalis Q[1] (TAF)	Groundwater Q[2] (TAF)	Salinity Water Quality Objective (µ/S/cm)	Total Assimilative Capacity (1000 tons)	Groundwater Salt Load[2] (1000 tons)	Background Salt Load[2,5] (1000 tons)	CUA Load[6] (1000 tons)	M&I Load[2] (1000 tons)	Load Allocations[2] (1000 tons)	sum of loads[7] (1000 tons)	Additional Assimilative Capacity[8] (1000 tons)	Calculated EC[3] (µS/cm)	Calculated boron conc. (mg/L)	Boron water quality objective[4] (mg/L)
Nov-38	W	160	6	1,000	133	14	10.9	28.6	2.7	43.7	100	33	750	0.45	1.0
Dec-38	W	136	7	1,000	113	15	9.1	24.0	2.7	35.8	87	26	770	0.46	1.0
Jan-39	D	152	7	1,000	126	15	10.2	27.0	2.7	29.8	85	41	670	0.4	1.0
Feb-39	D	196	6	1,000	163	15	13.4	35.3	2.7	40.6	107	56	660	0.39	1.0
Mar-39	D	172	14	1,000	143	30	11.2	29.4	2.7	25.5	99	44	690	0.42	1.0
Apr-39	D	269	15	700	156	32	18.0	47.4	1.3	18.7	117	39	520	0.31	0.8
May-39	D	216	17	700	125	36	14.1	37.1	1.3	12.7	101	24	560	0.34	0.8
Jun-39	D	91	24	700	53	53	4.7	12.4	0.0	0.0	70	-17	930	0.56	0.8
Jul-39	D	89	21	700	52	46	4.8	12.6	0.0	0.0	63	-11	850	0.51	0.8
Aug-39	D	91	13	700	53	27	5.5	14.6	0.0	0.0	47	6	620	0.37	0.8
Sep-39	D	85	7	1,000	70	16	5.5	14.4	2.7	24.0	63	7	890	0.54	1.0
Oct-39	D	106	6	1,000	88	13	7.1	18.6	2.7	30.8	72	16	820	0.49	1.0
Nov-39	D	93	6	1,000	77	14	6.1	16.1	2.7	27.2	66	11	860	0.51	1.0
Dec-39	D	94	7	1,000	78	15	6.1	16.2	2.7	28.4	68	10	870	0.52	1.0
Jan-40	AN	256	7	1,000	212	15	17.6	46.4	2.7	44.9	127	85	600	0.36	1.0
Feb-40	AN	372	6	1,000	308	15	25.8	68.1	2.7	86.3	198	110	640	0.39	1.0
Mar-40	AN	630	14	1,000	522	30	43.5	114.7	2.7	64.8	256	266	490	0.29	1.0
Apr-40	AN	404	15	700	235	32	27.5	72.5	1.3	63.0	196	39	590	0.35	0.8
May-40	AN	367	17	700	213	36	24.7	65.2	1.3	50.5	178	35	580	0.35	0.8
Jun-40	AN	143	24	700	83	53	8.4	22.1	0.0	0.0	84	-1	710	0.42	0.8
Jul-40	AN	109	21	700	63	46	6.2	16.3	0.0	0.0	69	-6	760	0.46	0.8
Aug-40	AN	110	13	700	64	27	6.9	18.1	0.0	0.0	52	12	570	0.34	0.8
Sep-40	AN	122	7	1,000	101	16	8.1	21.3	2.7	43.2	91	10	900	0.54	1.0
Oct-40	AN	135	6	1,000	112	13	9.1	24.0	2.7	57.1	106	6	950	0.57	1.0
Nov-40	AN	110	6	1,000	91	14	7.3	19.3	2.7	34.6	78	13	860	0.51	1.0
Dec-40	AN	251	7	1,000	208	15	17.2	45.4	2.7	32.3	113	95	540	0.33	1.0
Jan-41	W	281	7	1,000	233	15	19.4	51.0	2.7	42.2	130	103	560	0.33	1.0
Feb-41	W	798	6	1,000	662	15	56.0	147.4	2.7	86.3	307	355	460	0.28	1.0
Mar-41	W	707	14	1,000	586	30	49.0	129.1	2.7	116.4	327	259	560	0.33	1.0
Apr-41	W	603	15	700	350	32	41.6	109.6	1.3	61.7	246	104	490	0.3	0.8
May-41	W	633	17	700	367	36	43.5	114.7	1.3	67.3	263	104	500	0.3	0.8
Jun-41	W	535	24	700	311	53	36.1	95.1	0.0	0.0	184	127	410	0.25	0.8
Jul-41	W	129	21	700	75	46	7.6	20.0	0.0	0.0	74	1	690	0.42	0.8
Aug-41	W	110	13	700	64	27	6.9	18.1	0.0	5.1	57	7	620	0.37	0.8
Sep-41	W	119	7	1,000	99	16	7.9	20.8	2.7	43.9	91	8	920	0.55	1.0
Oct-41	W	312	6	1,000	259	13	21.6	57.0	2.7	97.8	192	67	740	0.45	1.0
Nov-41	W	137	6	1,000	114	14	9.2	24.3	2.7	43.7	94	20	830	0.5	1.0
Dec-41	W	276	7	1,000	229	15	19.0	50.1	2.7	35.8	123	106	540	0.32	1.0
Jan-42	W	471	7	1,000	391	15	32.8	86.4	2.7	42.2	179	212	460	0.27	1.0
Feb-42	W	494	6	1,000	410	15	34.5	90.8	2.7	86.3	229	181	560	0.34	1.0
Mar-42	W	367	14	1,000	304	30	25.0	65.7	2.7	116.4	240	64	790	0.47	1.0

1 flow from DWRSIM CALFED study 771
2 values from load allocation
3 two significant figures
4 =EC * 0.0006 (EC to boron relationship)
5 = (Column C - Column E) * 52 mg/L * *cf*
6 = (Column C - Column E) * (189 - 52 mg/L) * *cf*
7 = Column G + Column H + Column I + Column J
8 = Column F - Column L

cf (conversion factor) = 0.00136

TMDL Linkage Analysis

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Month - Year	Year-type	Vernalis Q[1] (TAF)	Groundwater Q[2] (TAF)	Salinity Water Quality Objective (µ/S/cm)	Total Assimilative Capacity (1000 tons)	Groundwater Salt Load[2] (1000 tons)	Background Salt Load[2,5] (1000 tons)	CUA Load[6] (1000 tons)	M&I Load[2] (1000 tons)	Load Allocations[2] (1000 tons)	sum of loads[7] (1000 tons)	Additional Assimilative Capacity[8] (1000 tons)	Calculated EC[3] (µS/cm)	Calculated boron conc. (mg/L)	Boron water quality objective[4] (mg/L)
Apr-42	W	416	15	700	241	32	28.4	74.8	1.3	61.7	198	43	570	0.34	0.8
May-42	W	414	17	700	240	36	28.1	73.9	1.3	67.3	207	33	600	0.36	0.8
Jun-42	W	399	24	700	232	53	26.5	69.8	0.0	0.0	149	83	450	0.27	0.8
Jul-42	W	155	21	700	90	46	9.4	24.9	0.0	0.0	80	10	620	0.37	0.8
Aug-42	W	115	13	700	67	27	7.2	19.0	0.0	5.1	58	9	610	0.36	0.8
Sep-42	W	150	7	1,000	124	16	10.1	26.6	2.7	43.9	99	25	800	0.48	1.0
Oct-42	W	300	6	1,000	249	13	20.8	54.7	2.7	97.8	189	60	760	0.46	1.0
Nov-42	W	206	6	1,000	171	14	14.1	37.2	2.7	43.7	112	59	660	0.39	1.0
Dec-42	W	214	7	1,000	177	15	14.6	38.5	2.7	35.8	107	70	600	0.36	1.0
Jan-43	W	682	7	1,000	566	15	47.7	125.7	2.7	42.2	233	333	410	0.25	1.0
Feb-43	W	601	6	1,000	498	15	42.0	110.7	2.7	86.3	257	241	520	0.31	1.0
Mar-43	W	1,105	14	1,000	916	30	77.1	203.2	2.7	116.4	429	487	470	0.28	1.0
Apr-43	W	473	15	700	275	32	32.4	85.4	1.3	61.7	213	62	540	0.33	0.8
May-43	W	426	17	700	247	36	28.9	76.2	1.3	67.3	210	37	590	0.36	0.8
Jun-43	W	240	24	700	139	53	15.3	40.2	0.0	0.0	109	30	550	0.33	0.8
Jul-43	W	116	21	700	67	46	6.7	17.6	0.0	0.0	70	-3	730	0.44	0.8
Aug-43	W	111	13	700	64	27	6.9	18.3	0.0	5.1	57	7	620	0.37	0.8
Sep-43	W	124	7	1,000	103	16	8.2	21.7	2.7	43.9	93	10	900	0.54	1.0
Oct-43	W	212	6	1,000	176	13	14.6	38.3	2.7	97.8	166	10	940	0.57	1.0
Nov-43	W	114	6	1,000	95	14	7.6	20.0	2.7	43.7	88	7	930	0.56	1.0
Dec-43	W	123	7	1,000	102	15	8.2	21.6	2.7	35.8	83	19	810	0.49	1.0
Jan-44	BN	129	7	1,000	107	15	8.6	22.7	2.7	22.6	72	35	670	0.4	1.0
Feb-44	BN	183	6	1,000	152	15	12.5	32.9	2.7	24.0	87	65	570	0.34	1.0
Mar-44	BN	197	14	1,000	163	30	12.9	34.1	2.7	31.7	111	52	680	0.41	1.0
Apr-44	BN	331	15	700	192	32	22.4	58.9	1.3	39.4	154	38	560	0.34	0.8
May-44	BN	252	17	700	146	36	16.6	43.8	1.3	27.2	125	21	600	0.36	0.8
Jun-44	BN	108	24	700	63	53	5.9	15.6	0.0	0.0	75	-12	840	0.5	0.8
Jul-44	BN	99	21	700	57	46	5.5	14.4	0.0	0.0	66	-9	800	0.48	0.8
Aug-44	BN	101	13	700	59	27	6.2	16.4	0.0	0.0	50	9	600	0.36	0.8
Sep-44	BN	109	7	1,000	90	16	7.2	18.9	2.7	37.1	82	8	910	0.54	1.0
Oct-44	BN	120	6	1,000	100	13	8.0	21.2	2.7	40.5	85	15	850	0.51	1.0
Nov-44	BN	115	6	1,000	95	14	7.7	20.2	2.7	33.1	78	17	820	0.49	1.0
Dec-44	BN	114	7	1,000	95	15	7.6	19.9	2.7	30.3	76	19	800	0.48	1.0
Jan-45	AN	106	7	1,000	88	15	7.0	18.4	2.7	44.9	88	0	1000	0.6	1.0
Feb-45	AN	399	6	1,000	331	15	27.7	73.1	2.7	86.3	205	126	620	0.37	1.0
Mar-45	AN	496	14	1,000	411	30	34.1	89.8	2.7	64.8	221	190	540	0.32	1.0
Apr-45	AN	398	15	700	231	32	27.1	71.4	1.3	63.0	195	36	590	0.35	0.8
May-45	AN	354	17	700	205	36	23.8	62.8	1.3	50.5	174	31	590	0.36	0.8
Jun-45	AN	147	24	700	85	53	8.7	22.9	0.0	0.0	85	0	700	0.42	0.8
Jul-45	AN	111	21	700	64	46	6.3	16.7	0.0	0.0	69	-5	750	0.45	0.8
Aug-45	AN	108	13	700	63	27	6.7	17.7	0.0	0.0	51	12	570	0.34	0.8

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4 =EC * 0.0006 (EC to boron relationship)
5 = (Column C - Column E) * 52 mg/L * *cf*
6 = (Column C - Column E) * (189 - 52 mg/L) * *cf*
7 = Column G + Column H + Column I + Column J
8 = Column F - Column L

cf (conversion factor) = 0.00136

TMDL Linkage Analysis

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Month - Year	Year-type	Vernalis Q[1] (TAF)	Groundwater Q[2] (TAF)	Salinity Water Quality Objective (µ/S/cm)	Total Assimilative Capacity (1000 tons)	Groundwater Salt Load[2] (1000 tons)	Background Salt Load[2,5] (1000 tons)	CUA Load[6] (1000 tons)	M&I Load[2] (1000 tons)	Load Allocations[2] (1000 tons)	sum of loads[7] (1000 tons)	Additional Assimilative Capacity[8] (1000 tons)	Calculated EC[3] (µS/cm)	Calculated boron conc. (mg/L)	Boron water quality objective[4] (mg/L)
Sep-45	AN	121	7	1,000	100	16	8.0	21.2	2.7	43.2	91	9	910	0.54	1.0
Oct-45	AN	228	6	1,000	189	13	15.7	41.3	2.7	57.1	130	59	690	0.41	1.0
Nov-45	AN	138	6	1,000	114	14	9.3	24.5	2.7	34.6	85	29	740	0.45	1.0
Dec-45	AN	330	7	1,000	274	15	22.8	60.1	2.7	32.3	133	141	490	0.29	1.0
Jan-46	AN	347	7	1,000	288	15	24.0	63.3	2.7	44.9	150	138	520	0.31	1.0
Feb-46	AN	281	6	1,000	233	15	19.4	51.1	2.7	86.3	175	58	750	0.45	1.0
Mar-46	AN	269	14	1,000	223	30	18.0	47.5	2.7	64.8	163	60	730	0.44	1.0
Apr-46	AN	357	15	700	207	32	24.2	63.8	1.3	63.0	184	23	620	0.37	0.8
May-46	AN	312	17	700	181	36	20.9	54.9	1.3	50.5	164	17	630	0.38	0.8
Jun-46	AN	140	24	700	81	53	8.2	21.6	0.0	0.0	83	-2	710	0.43	0.8
Jul-46	AN	108	21	700	63	46	6.1	16.1	0.0	0.0	68	-5	760	0.46	0.8
Aug-46	AN	111	13	700	64	27	6.9	18.3	0.0	0.0	52	12	560	0.34	0.8
Sep-46	AN	123	7	1,000	102	16	8.2	21.5	2.7	43.2	92	10	900	0.54	1.0
Oct-46	AN	125	6	1,000	104	13	8.4	22.1	2.7	57.1	103	1	990	0.6	1.0
Nov-46	AN	115	6	1,000	95	14	7.7	20.2	2.7	34.6	79	16	830	0.5	1.0
Dec-46	AN	155	7	1,000	129	15	10.5	27.5	2.7	32.3	88	41	680	0.41	1.0
Jan-47	D	138	7	1,000	114	15	9.3	24.4	2.7	29.8	81	33	710	0.42	1.0
Feb-47	D	150	6	1,000	124	15	10.1	26.7	2.7	40.6	95	29	760	0.46	1.0
Mar-47	D	116	14	1,000	96	30	7.2	19.0	2.7	25.5	84	12	870	0.52	1.0
Apr-47	D	157	15	700	91	32	10.1	26.5	1.3	18.7	89	2	680	0.41	0.8
May-47	D	151	17	700	88	36	9.5	25.0	1.3	12.7	85	3	680	0.41	0.8
Jun-47	D	84	24	700	49	53	4.2	11.1	0.0	0.0	68	-19	980	0.59	0.8
Jul-47	D	77	21	700	45	46	3.9	10.3	0.0	0.0	60	-15	940	0.56	0.8
Aug-47	D	74	13	700	43	27	4.3	11.4	0.0	0.0	43	0	700	0.42	0.8
Sep-47	D	85	7	1,000	70	16	5.5	14.4	2.7	24.0	63	7	890	0.54	1.0
Oct-47	D	93	6	1,000	77	13	6.1	16.2	2.7	30.8	69	8	890	0.54	1.0
Nov-47	D	81	6	1,000	67	14	5.3	13.9	2.7	27.2	63	4	940	0.56	1.0
Dec-47	D	78	7	1,000	65	15	5.0	13.2	2.7	28.4	64	1	990	0.59	1.0
Jan-48	BN	71	7	1,000	59	15	4.5	11.9	2.7	22.6	57	2	970	0.58	1.0
Feb-48	BN	70	6	1,000	58	15	4.5	11.8	2.7	24.0	58	0	1000	0.6	1.0
Mar-48	BN	106	14	1,000	88	30	6.5	17.1	2.7	31.7	88	0	1000	0.6	1.0
Apr-48	BN	237	15	700	138	32	15.7	41.4	1.3	39.4	130	8	660	0.4	0.8
May-48	BN	229	17	700	133	36	15.0	39.5	1.3	27.2	119	14	630	0.38	0.8
Jun-48	BN	118	24	700	68	53	6.6	17.5	0.0	0.0	77	-9	790	0.47	0.8
Jul-48	BN	101	21	700	59	46	5.6	14.8	0.0	0.0	66	-7	790	0.47	0.8
Aug-48	BN	103	13	700	60	27	6.4	16.8	0.0	0.0	50	10	590	0.35	0.8
Sep-48	BN	108	7	1,000	90	16	7.1	18.7	2.7	37.1	82	8	920	0.55	1.0
Oct-48	BN	103	6	1,000	85	13	6.8	18.0	2.7	40.5	81	4	950	0.57	1.0
Nov-48	BN	88	6	1,000	73	14	5.8	15.2	2.7	33.1	71	2	970	0.58	1.0
Dec-48	BN	83	7	1,000	69	15	5.4	14.1	2.7	30.3	68	1	990	0.59	1.0
Jan-49	BN	76	7	1,000	63	15	4.9	12.8	2.7	22.6	58	5	920	0.55	1.0

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4 =EC * 0.0006 (EC to boron relationship)
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6 = (Column C - Column E) * (189 - 52 mg/L) * *cf*
7 = Column G + Column H + Column I + Column J
8 = Column F - Column L

cf (conversion factor) = 0.00136

TMDL Linkage Analysis

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Month - Year	Year-type	Vernalis Q[1] (TAF)	Groundwater Q[2] (TAF)	Salinity Water Quality Objective (µ/S/cm)	Total Assimilative Capacity (1000 tons)	Groundwater Salt Load[2] (1000 tons)	Background Salt Load[2,5] (1000 tons)	CUA Load[6] (1000 tons)	M&I Load[2] (1000 tons)	Load Allocations[2] (1000 tons)	sum of loads[7] (1000 tons)	Additional Assimilative Capacity[8] (1000 tons)	Calculated EC[3] (µS/cm)	Calculated boron conc. (mg/L)	Boron water quality objective[4] (mg/L)
Feb-49	BN	83	6	1,000	69	15	5.4	14.2	2.7	24.0	61	8	890	0.53	1.0
Mar-49	BN	157	14	1,000	130	30	10.1	26.6	2.7	31.7	101	29	780	0.47	1.0
Apr-49	BN	220	15	700	128	32	14.5	38.2	1.3	39.4	125	3	690	0.41	0.8
May-49	BN	207	17	700	120	36	13.4	35.4	1.3	27.2	113	7	660	0.39	0.8
Jun-49	BN	99	24	700	57	53	5.3	13.9	0.0	0.0	72	-15	880	0.53	0.8
Jul-49	BN	91	21	700	53	46	4.9	13.0	0.0	0.0	64	-11	850	0.51	0.8
Aug-49	BN	99	13	700	57	27	6.1	16.0	0.0	0.0	49	8	600	0.36	0.8
Sep-49	BN	103	7	1,000	85	16	6.8	17.8	2.7	37.1	80	5	940	0.56	1.0
Oct-49	BN	101	6	1,000	84	13	6.7	17.7	2.7	40.5	81	3	970	0.58	1.0
Nov-49	BN	86	6	1,000	71	14	5.6	14.8	2.7	33.1	70	1	980	0.59	1.0
Dec-49	BN	83	7	1,000	69	15	5.4	14.1	2.7	30.3	68	1	990	0.59	1.0
Jan-50	BN	93	7	1,000	77	15	6.1	16.0	2.7	22.6	62	15	800	0.48	1.0
Feb-50	BN	142	6	1,000	118	15	9.6	25.2	2.7	24.0	77	41	650	0.39	1.0
Mar-50	BN	139	14	1,000	115	30	8.8	23.3	2.7	31.7	97	18	840	0.5	1.0
Apr-50	BN	213	15	700	124	32	14.0	36.9	1.3	39.4	124	0	700	0.42	0.8
May-50	BN	207	17	700	120	36	13.4	35.4	1.3	27.2	113	7	660	0.39	0.8
Jun-50	BN	99	24	700	57	53	5.3	13.9	0.0	0.0	72	-15	880	0.53	0.8
Jul-50	BN	89	21	700	52	46	4.8	12.6	0.0	0.0	63	-11	850	0.51	0.8
Aug-50	BN	98	13	700	57	27	6.0	15.9	0.0	0.0	49	8	600	0.36	0.8
Sep-50	BN	102	7	1,000	85	16	6.7	17.6	2.7	37.1	80	5	950	0.57	1.0
Oct-50	BN	101	6	1,000	84	13	6.7	17.7	2.7	40.5	81	3	970	0.58	1.0
Nov-50	BN	217	6	1,000	180	14	14.9	39.2	2.7	33.1	104	76	580	0.35	1.0
Dec-50	BN	581	7	1,000	482	15	40.6	106.9	2.7	30.3	196	286	410	0.24	1.0
Jan-51	AN	599	7	1,000	497	15	41.8	110.3	2.7	44.9	215	282	430	0.26	1.0
Feb-51	AN	441	6	1,000	366	15	30.7	80.9	2.7	86.3	216	150	590	0.35	1.0
Mar-51	AN	360	14	1,000	299	30	24.5	64.4	2.7	64.8	186	113	620	0.37	1.0
Apr-51	AN	344	15	700	200	32	23.3	61.3	1.3	63.0	181	19	630	0.38	0.8
May-51	AN	287	17	700	167	36	19.1	50.3	1.3	50.5	157	10	660	0.4	0.8
Jun-51	AN	128	24	700	74	53	7.3	19.3	0.0	0.0	80	-6	750	0.45	0.8
Jul-51	AN	101	21	700	59	46	5.6	14.8	0.0	0.0	66	-7	790	0.47	0.8
Aug-51	AN	105	13	700	61	27	6.5	17.2	0.0	0.0	51	10	590	0.35	0.8
Sep-51	AN	115	7	1,000	95	16	7.6	20.0	2.7	43.2	90	5	940	0.57	1.0
Oct-51	AN	130	6	1,000	108	13	8.8	23.1	2.7	57.1	105	3	970	0.58	1.0
Nov-51	AN	108	6	1,000	90	14	7.2	18.9	2.7	34.6	77	13	860	0.52	1.0
Dec-51	AN	166	7	1,000	138	15	11.2	29.6	2.7	32.3	91	47	660	0.4	1.0
Jan-52	W	352	7	1,000	292	15	24.4	64.2	2.7	42.2	149	143	510	0.31	1.0
Feb-52	W	340	6	1,000	282	15	23.6	62.1	2.7	86.3	190	92	670	0.4	1.0
Mar-52	W	700	14	1,000	581	30	48.5	127.8	2.7	116.4	325	256	560	0.34	1.0
Apr-52	W	647	15	700	376	32	44.7	117.8	1.3	61.7	258	118	480	0.29	0.8
May-52	W	994	17	700	577	36	69.1	182.0	1.3	67.3	356	221	430	0.26	0.8
Jun-52	W	649	24	700	377	53	44.2	116.4	0.0	0.0	214	163	400	0.24	0.8

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6 = (Column C - Column E) * (189 - 52 mg/L) * *cf*
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cf (conversion factor) = 0.00136

TMDL Linkage Analysis

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Month - Year	Year-type	Vernalis Q[1] (TAF)	Groundwater Q[2] (TAF)	Salinity Water Quality Objective (µ/S/cm)	Total Assimilative Capacity (1000 tons)	Groundwater Salt Load[2] (1000 tons)	Background Salt Load[2,5] (1000 tons)	CUA Load[6] (1000 tons)	M&I Load[2] (1000 tons)	Load Allocations[2] (1000 tons)	sum of loads[7] (1000 tons)	Additional Assimilative Capacity[8] (1000 tons)	Calculated EC[3] (µS/cm)	Calculated boron conc. (mg/L)	Boron water quality objective[4] (mg/L)
Jul-52	W	265	21	700	154	46	17.2	45.4	0.0	0.0	109	45	500	0.3	0.8
Aug-52	W	181	13	700	105	27	11.9	31.3	0.0	5.1	75	30	500	0.3	0.8
Sep-52	W	202	7	1,000	168	16	13.8	36.2	2.7	43.9	113	55	670	0.4	1.0
Oct-52	W	304	6	1,000	252	13	21.1	55.5	2.7	97.8	190	62	750	0.45	1.0
Nov-52	W	140	6	1,000	116	14	9.4	24.9	2.7	43.7	95	21	820	0.49	1.0
Dec-52	W	183	7	1,000	152	15	12.4	32.8	2.7	35.8	99	53	650	0.39	1.0
Jan-53	BN	302	7	1,000	250	15	20.9	54.9	2.7	22.6	116	134	460	0.28	1.0
Feb-53	BN	312	6	1,000	259	15	21.6	56.9	2.7	24.0	120	139	460	0.28	1.0
Mar-53	BN	230	14	1,000	191	30	15.3	40.2	2.7	31.7	120	71	630	0.38	1.0
Apr-53	BN	284	15	700	165	32	19.0	50.2	1.3	39.4	142	23	600	0.36	0.8
May-53	BN	265	17	700	154	36	17.5	46.2	1.3	27.2	128	26	580	0.35	0.8
Jun-53	BN	122	24	700	71	53	6.9	18.2	0.0	0.0	78	-7	770	0.46	0.8
Jul-53	BN	96	21	700	56	46	5.3	13.9	0.0	0.0	65	-9	820	0.49	0.8
Aug-53	BN	101	13	700	59	27	6.2	16.4	0.0	0.0	50	9	600	0.36	0.8
Sep-53	BN	107	7	1,000	89	16	7.0	18.5	2.7	37.1	81	8	910	0.55	1.0
Oct-53	BN	115	6	1,000	95	13	7.7	20.3	2.7	40.5	84	11	880	0.53	1.0
Nov-53	BN	96	6	1,000	80	14	6.3	16.7	2.7	33.1	73	7	920	0.55	1.0
Dec-53	BN	97	7	1,000	80	15	6.4	16.7	2.7	30.3	71	9	880	0.53	1.0
Jan-54	BN	94	7	1,000	78	15	6.1	16.2	2.7	22.6	63	15	810	0.48	1.0
Feb-54	BN	114	6	1,000	95	15	7.6	20.0	2.7	24.0	69	26	730	0.44	1.0
Mar-54	BN	155	14	1,000	129	30	10.0	26.3	2.7	31.7	101	28	790	0.47	1.0
Apr-54	BN	245	15	700	142	32	16.3	42.9	1.3	39.4	132	10	650	0.39	0.8
May-54	BN	231	17	700	134	36	15.1	39.9	1.3	27.2	120	14	630	0.38	0.8
Jun-54	BN	106	24	700	62	53	5.8	15.2	0.0	0.0	74	-12	840	0.51	0.8
Jul-54	BN	96	21	700	56	46	5.3	13.9	0.0	0.0	65	-9	820	0.49	0.8
Aug-54	BN	102	13	700	59	27	6.3	16.6	0.0	0.0	50	9	590	0.35	0.8
Sep-54	BN	106	7	1,000	88	16	7.0	18.4	2.7	37.1	81	7	920	0.55	1.0
Oct-54	BN	110	6	1,000	91	13	7.3	19.3	2.7	40.5	83	8	910	0.55	1.0
Nov-54	BN	92	6	1,000	76	14	6.1	15.9	2.7	33.1	72	4	940	0.57	1.0
Dec-54	BN	92	7	1,000	76	15	6.0	15.8	2.7	30.3	70	6	920	0.55	1.0
Jan-55	D	106	7	1,000	88	15	7.0	18.4	2.7	29.8	73	15	830	0.5	1.0
Feb-55	D	99	6	1,000	82	15	6.5	17.2	2.7	40.6	82	0	1000	0.6	1.0
Mar-55	D	102	14	1,000	85	30	6.2	16.4	2.7	25.5	81	4	960	0.57	1.0
Apr-55	D	157	15	700	91	32	10.1	26.5	1.3	18.7	89	2	680	0.41	0.8
May-55	D	157	17	700	91	36	9.9	26.1	1.3	12.7	86	5	660	0.4	0.8
Jun-55	D	93	24	700	54	53	4.9	12.8	0.0	0.0	71	-17	920	0.55	0.8
Jul-55	D	80	21	700	46	46	4.1	10.9	0.0	0.0	61	-15	920	0.55	0.8
Aug-55	D	64	13	700	37	27	3.6	9.5	0.0	0.0	40	-3	750	0.45	0.8
Sep-55	D	85	7	1,000	70	16	5.5	14.4	2.7	24.0	63	7	890	0.54	1.0
Oct-55	D	96	6	1,000	80	13	6.4	16.7	2.7	30.8	70	10	880	0.53	1.0
Nov-55	D	86	6	1,000	71	14	5.6	14.8	2.7	27.2	64	7	900	0.54	1.0

1 flow from DWRSIM CALFED study 771
2 values from load allocation
3 two significant figures
4 =EC * 0.0006 (EC to boron relationship)
5 = (Column C - Column E) * 52 mg/L * *cf*
6 = (Column C - Column E) * (189 - 52 mg/L) * *cf*
7 = Column G + Column H + Column I + Column J
8 = Column F - Column L

cf (conversion factor) = 0.00136

TMDL Linkage Analysis

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Month - Year	Year-type	Vernalis Q[1] (TAF)	Groundwater Q[2] (TAF)	Salinity Water Quality Objective (µ/S/cm)	Total Assimilative Capacity (1000 tons)	Groundwater Salt Load[2] (1000 tons)	Background Salt Load[2,5] (1000 tons)	CUA Load[6] (1000 tons)	M&I Load[2] (1000 tons)	Load Allocations[2] (1000 tons)	sum of loads[7] (1000 tons)	Additional Assimilative Capacity[8] (1000 tons)	Calculated EC[3] (µS/cm)	Calculated boron conc. (mg/L)	Boron water quality objective[4] (mg/L)
Dec-55	D	644	7	1,000	534	15	45.0	118.6	2.7	28.4	210	324	390	0.24	1.0
Jan-56	W	1,292	7	1,000	1,071	15	90.8	239.3	2.7	42.2	390	681	360	0.22	1.0
Feb-56	W	750	6	1,000	622	15	52.6	138.5	2.7	86.3	295	327	470	0.28	1.0
Mar-56	W	392	14	1,000	325	30	26.7	70.4	2.7	116.4	246	79	760	0.45	1.0
Apr-56	W	358	15	700	208	32	24.3	64.0	1.3	61.7	183	25	620	0.37	0.8
May-56	W	400	17	700	232	36	27.1	71.3	1.3	67.3	203	29	610	0.37	0.8
Jun-56	W	455	24	700	264	53	30.5	80.2	0.0	0.0	164	100	430	0.26	0.8
Jul-56	W	129	21	700	75	46	7.6	20.0	0.0	0.0	74	1	690	0.42	0.8
Aug-56	W	106	13	700	62	27	6.6	17.4	0.0	5.1	56	6	640	0.38	0.8
Sep-56	W	120	7	1,000	100	16	8.0	21.0	2.7	43.9	92	8	920	0.55	1.0
Oct-56	W	299	6	1,000	248	13	20.7	54.5	2.7	97.8	189	59	760	0.46	1.0
Nov-56	W	102	6	1,000	85	14	6.8	17.8	2.7	43.7	85	0	1000	0.6	1.0
Dec-56	W	110	7	1,000	91	15	7.3	19.2	2.7	35.8	80	11	880	0.53	1.0
Jan-57	BN	106	7	1,000	88	15	7.0	18.4	2.7	22.6	66	22	750	0.45	1.0
Feb-57	BN	140	6	1,000	116	15	9.4	24.9	2.7	24.0	76	40	650	0.39	1.0
Mar-57	BN	200	14	1,000	166	30	13.1	34.6	2.7	31.7	112	54	680	0.41	1.0
Apr-57	BN	279	15	700	162	32	18.7	49.2	1.3	39.4	141	21	610	0.37	0.8
May-57	BN	273	17	700	158	36	18.1	47.7	1.3	27.2	130	28	570	0.34	0.8
Jun-57	BN	120	24	700	70	53	6.8	17.8	0.0	0.0	78	-8	780	0.47	0.8
Jul-57	BN	98	21	700	57	46	5.4	14.3	0.0	0.0	66	-9	810	0.49	0.8
Aug-57	BN	99	13	700	57	27	6.1	16.0	0.0	0.0	49	8	600	0.36	0.8
Sep-57	BN	105	7	1,000	87	16	6.9	18.2	2.7	37.1	81	6	930	0.56	1.0
Oct-57	BN	119	6	1,000	99	13	8.0	21.0	2.7	40.5	85	14	860	0.52	1.0
Nov-57	BN	100	6	1,000	83	14	6.6	17.4	2.7	33.1	74	9	890	0.54	1.0
Dec-57	BN	100	7	1,000	83	15	6.6	17.3	2.7	30.3	72	11	870	0.52	1.0
Jan-58	W	113	7	1,000	94	15	7.5	19.7	2.7	42.2	87	7	930	0.56	1.0
Feb-58	W	178	6	1,000	148	15	12.1	31.9	2.7	86.3	148	0	1000	0.6	1.0
Mar-58	W	592	14	1,000	491	30	40.9	107.6	2.7	116.4	298	193	610	0.36	1.0
Apr-58	W	889	15	700	516	32	61.8	162.8	1.3	61.7	320	196	430	0.26	0.8
May-58	W	855	17	700	496	36	59.2	156.1	1.3	67.3	320	176	450	0.27	0.8
Jun-58	W	688	24	700	399	53	46.9	123.6	0.0	0.0	224	175	390	0.24	0.8
Jul-58	W	130	21	700	75	46	7.7	20.2	0.0	0.0	74	1	690	0.41	0.8
Aug-58	W	114	13	700	66	27	7.2	18.8	0.0	5.1	58	8	610	0.37	0.8
Sep-58	W	132	7	1,000	109	16	8.8	23.2	2.7	43.9	95	14	870	0.52	1.0
Oct-58	W	302	6	1,000	250	13	20.9	55.1	2.7	97.8	190	60	760	0.46	1.0
Nov-58	W	140	6	1,000	116	14	9.4	24.9	2.7	43.7	95	21	820	0.49	1.0
Dec-58	W	112	7	1,000	93	15	7.4	19.5	2.7	35.8	80	13	860	0.52	1.0
Jan-59	D	139	7	1,000	115	15	9.3	24.6	2.7	29.8	81	34	700	0.42	1.0
Feb-59	D	246	6	1,000	204	15	16.9	44.6	2.7	40.6	120	84	590	0.35	1.0
Mar-59	D	227	14	1,000	188	30	15.1	39.7	2.7	25.5	113	75	600	0.36	1.0
Apr-59	D	212	15	700	123	32	14.0	36.8	1.3	18.7	103	20	590	0.35	0.8

1 flow from DWRSIM CALFED study 771
2 values from load allocation
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4 =EC * 0.0006 (EC to boron relationship)
5 = (Column C - Column E) * 52 mg/L * *cf*
6 = (Column C - Column E) * (189 - 52 mg/L) * *cf*
7 = Column G + Column H + Column I + Column J
8 = Column F - Column L

cf (conversion factor) = 0.00136

TMDL Linkage Analysis

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Month - Year	Year-type	Vernalis Q[1] (TAF)	Groundwater Q[2] (TAF)	Salinity Water Quality Objective (µS/cm)	Total Assimilative Capacity (1000 tons)	Groundwater Salt Load[2] (1000 tons)	Background Salt Load[2,5] (1000 tons)	CUA Load[6] (1000 tons)	M&I Load[2] (1000 tons)	Load Allocations[2] (1000 tons)	sum of loads[7] (1000 tons)	Additional Assimilative Capacity[8] (1000 tons)	Calculated EC[3] (µS/cm)	Calculated boron conc. (mg/L)	Boron water quality objective[4] (mg/L)
May-59	D	200	17	700	116	36	12.9	34.1	1.3	12.7	97	19	580	0.35	0.8
Jun-59	D	82	24	700	48	53	4.1	10.8	0.0	0.0	68	-20	1000	0.6	0.8
Jul-59	D	82	21	700	48	46	4.3	11.3	0.0	0.0	62	-14	910	0.55	0.8
Aug-59	D	83	13	700	48	27	5.0	13.1	0.0	0.0	45	3	650	0.39	0.8
Sep-59	D	81	7	1,000	67	16	5.2	13.7	2.7	24.0	62	5	920	0.55	1.0
Oct-59	D	95	6	1,000	79	13	6.3	16.5	2.7	30.8	69	10	880	0.53	1.0
Nov-59	D	84	6	1,000	70	14	5.5	14.5	2.7	27.2	64	6	920	0.55	1.0
Dec-59	D	80	7	1,000	66	15	5.2	13.6	2.7	28.4	65	1	980	0.59	1.0
Jan-60	C	81	7	1,000	67	15	5.2	13.8	2.7	19.5	56	11	830	0.5	1.0
Feb-60	C	111	6	1,000	92	15	7.4	19.5	2.7	15.6	60	32	650	0.39	1.0
Mar-60	C	112	14	1,000	93	30	6.9	18.2	2.7	11.7	70	23	750	0.45	1.0
Apr-60	C	158	15	700	92	32	10.1	26.7	1.3	0.0	70	22	530	0.32	0.8
May-60	C	153	17	700	89	36	9.6	25.3	1.3	0.0	72	17	570	0.34	0.8
Jun-60	C	84	24	700	49	53	4.2	11.1	0.0	0.0	68	-19	980	0.59	0.8
Jul-60	C	74	21	700	43	46	3.7	9.8	0.0	0.0	60	-17	980	0.59	0.8
Aug-60	C	60	13	700	35	27	3.3	8.8	0.0	0.0	39	-4	780	0.47	0.8
Sep-60	C	81	7	1,000	67	16	5.2	13.7	2.7	17.8	55	12	820	0.49	1.0
Oct-60	C	84	6	1,000	70	13	5.5	14.5	2.7	29.4	65	5	930	0.56	1.0
Nov-60	C	80	6	1,000	66	14	5.2	13.7	2.7	25.0	61	5	920	0.55	1.0
Dec-60	C	80	7	1,000	66	15	5.2	13.6	2.7	23.4	60	6	900	0.54	1.0
Jan-61	C	75	7	1,000	62	15	4.8	12.7	2.7	19.5	55	7	880	0.53	1.0
Feb-61	C	71	6	1,000	59	15	4.6	12.0	2.7	15.6	50	9	850	0.51	1.0
Mar-61	C	77	14	1,000	64	30	4.5	11.7	2.7	11.7	61	3	960	0.57	1.0
Apr-61	C	103	15	700	60	32	6.2	16.5	1.3	0.0	56	4	660	0.39	0.8
May-61	C	93	17	700	54	36	5.4	14.2	1.3	0.0	57	-3	740	0.44	0.8
Jun-61	C	74	24	700	43	53	3.5	9.3	0.0	0.0	66	-23	1100	0.65	0.8
Jul-61	C	53	21	700	31	46	2.2	5.9	0.0	0.0	54	-23	1200	0.74	0.8
Aug-61	C	54	13	700	31	27	2.9	7.7	0.0	0.0	38	-7	850	0.51	0.8
Sep-61	C	78	7	1,000	65	16	5.0	13.1	2.7	17.8	55	10	850	0.51	1.0
Oct-61	C	87	6	1,000	72	13	5.7	15.1	2.7	29.4	66	6	910	0.55	1.0
Nov-61	C	77	6	1,000	64	14	5.0	13.1	2.7	25.0	60	4	940	0.56	1.0
Dec-61	C	73	7	1,000	61	15	4.7	12.3	2.7	23.4	58	3	960	0.57	1.0
Jan-62	BN	68	7	1,000	56	15	4.3	11.4	2.7	22.6	56	0	990	0.6	1.0
Feb-62	BN	327	6	1,000	271	15	22.7	59.7	2.7	24.0	124	147	460	0.27	1.0
Mar-62	BN	272	14	1,000	226	30	18.2	48.0	2.7	31.7	131	95	580	0.35	1.0
Apr-62	BN	288	15	700	167	32	19.3	50.9	1.3	39.4	143	24	600	0.36	0.8
May-62	BN	245	17	700	142	36	16.1	42.5	1.3	27.2	123	19	610	0.36	0.8
Jun-62	BN	97	24	700	56	53	5.1	13.6	0.0	0.0	72	-16	900	0.54	0.8
Jul-62	BN	87	21	700	51	46	4.6	12.2	0.0	0.0	63	-12	870	0.52	0.8
Aug-62	BN	82	13	700	48	27	4.9	12.9	0.0	0.0	45	3	660	0.4	0.8
Sep-62	BN	100	7	1,000	83	16	6.5	17.2	2.7	37.1	80	3	960	0.58	1.0

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7 = Column G + Column H + Column I + Column J
8 = Column F - Column L

cf (conversion factor) = 0.00136

TMDL Linkage Analysis

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Month - Year	Year-type	Vernalis Q[1] (TAF)	Groundwater Q[2] (TAF)	Salinity Water Quality Objective (µ/S/cm)	Total Assimilative Capacity (1000 tons)	Groundwater Salt Load[2] (1000 tons)	Background Salt Load[2,5] (1000 tons)	CUA Load[6] (1000 tons)	M&I Load[2] (1000 tons)	Load Allocations[2] (1000 tons)	sum of loads[7] (1000 tons)	Additional Assimilative Capacity[8] (1000 tons)	Calculated EC[3] (µS/cm)	Calculated boron conc. (mg/L)	Boron water quality objective[4] (mg/L)
Oct-62	BN	100	6	1,000	83	13	6.6	17.5	2.7	40.5	80	3	960	0.58	1.0
Nov-62	BN	85	6	1,000	70	14	5.6	14.6	2.7	33.1	70	0	990	0.6	1.0
Dec-62	BN	81	7	1,000	67	15	5.2	13.8	2.7	30.3	67	0	1000	0.6	1.0
Jan-63	AN	106	7	1,000	88	15	7.0	18.4	2.7	44.9	88	0	1000	0.6	1.0
Feb-63	AN	197	6	1,000	163	15	13.5	35.5	2.7	86.3	153	10	940	0.56	1.0
Mar-63	AN	164	14	1,000	136	30	10.6	27.9	2.7	64.8	136	0	1000	0.6	1.0
Apr-63	AN	360	15	700	209	32	24.4	64.3	1.3	63.0	185	24	620	0.37	0.8
May-63	AN	345	17	700	200	36	23.2	61.1	1.3	50.5	172	28	600	0.36	0.8
Jun-63	AN	167	24	700	97	53	10.1	26.6	0.0	0.0	90	7	650	0.39	0.8
Jul-63	AN	117	21	700	68	46	6.8	17.8	0.0	0.0	71	-3	730	0.44	0.8
Aug-63	AN	106	13	700	62	27	6.6	17.4	0.0	0.0	51	11	580	0.35	0.8
Sep-63	AN	115	7	1,000	95	16	7.6	20.0	2.7	43.2	90	5	940	0.57	1.0
Oct-63	AN	137	6	1,000	114	13	9.2	24.4	2.7	57.1	106	8	930	0.56	1.0
Nov-63	AN	130	6	1,000	108	14	8.7	23.0	2.7	34.6	83	25	770	0.46	1.0
Dec-63	AN	115	7	1,000	95	15	7.6	20.1	2.7	32.3	78	17	820	0.49	1.0
Jan-64	D	117	7	1,000	97	15	7.8	20.5	2.7	29.8	76	21	780	0.47	1.0
Feb-64	D	106	6	1,000	88	15	7.0	18.5	2.7	40.6	84	4	960	0.57	1.0
Mar-64	D	101	14	1,000	84	30	6.1	16.2	2.7	25.5	81	3	970	0.58	1.0
Apr-64	D	156	15	700	91	32	10.0	26.3	1.3	18.7	88	3	680	0.41	0.8
May-64	D	154	17	700	89	36	9.7	25.5	1.3	12.7	85	4	670	0.4	0.8
Jun-64	D	81	24	700	47	53	4.0	10.6	0.0	0.0	68	-21	1000	0.61	0.8
Jul-64	D	56	21	700	33	46	2.4	6.4	0.0	0.0	55	-22	1200	0.71	0.8
Aug-64	D	57	13	700	33	27	3.1	8.2	0.0	0.0	38	-5	800	0.48	0.8
Sep-64	D	78	7	1,000	65	16	5.0	13.1	2.7	24.0	61	4	940	0.57	1.0
Oct-64	D	92	6	1,000	76	13	6.1	16.0	2.7	30.8	69	7	900	0.54	1.0
Nov-64	D	97	6	1,000	80	14	6.4	16.9	2.7	27.2	67	13	830	0.5	1.0
Dec-64	D	242	7	1,000	201	15	16.6	43.8	2.7	28.4	107	94	530	0.32	1.0
Jan-65	W	593	7	1,000	492	15	41.4	109.1	2.7	42.2	210	282	430	0.26	1.0
Feb-65	W	438	6	1,000	363	15	30.5	80.4	2.7	86.3	215	148	590	0.36	1.0
Mar-65	W	290	14	1,000	240	30	19.5	51.4	2.7	116.4	220	20	910	0.55	1.0
Apr-65	W	403	15	700	234	32	27.5	72.3	1.3	61.7	195	39	580	0.35	0.8
May-65	W	352	17	700	204	36	23.7	62.4	1.3	67.3	191	13	650	0.39	0.8
Jun-65	W	148	24	700	86	53	8.7	23.0	0.0	0.0	85	1	690	0.42	0.8
Jul-65	W	110	21	700	64	46	6.3	16.5	0.0	0.0	69	-5	760	0.45	0.8
Aug-65	W	104	13	700	60	27	6.4	17.0	0.0	5.1	56	4	650	0.39	0.8
Sep-65	W	106	7	1,000	88	16	7.0	18.4	2.7	43.9	88	0	1000	0.6	1.0
Oct-65	W	264	6	1,000	219	13	18.2	48.0	2.7	97.8	180	39	820	0.49	1.0
Nov-65	W	208	6	1,000	172	14	14.3	37.5	2.7	43.7	112	60	650	0.39	1.0
Dec-65	W	304	7	1,000	252	15	21.0	55.3	2.7	35.8	130	122	520	0.31	1.0
Jan-66	BN	309	7	1,000	256	15	21.3	56.2	2.7	22.6	118	138	460	0.28	1.0
Feb-66	BN	296	6	1,000	245	15	20.5	53.9	2.7	24.0	116	129	470	0.28	1.0

1 flow from DWRSIM CALFED study 771
2 values from load allocation
3 two significant figures
4 =EC * 0.0006 (EC to boron relationship)
5 = (Column C - Column E) * 52 mg/L * *cf*
6 = (Column C - Column E) * (189 - 52 mg/L) * *cf*
7 = Column G + Column H + Column I + Column J
8 = Column F - Column L

cf (conversion factor) = 0.00136

TMDL Linkage Analysis

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Month - Year	Year-type	Vernalis Q[1] (TAF)	Groundwater Q[2] (TAF)	Salinity Water Quality Objective (µ/S/cm)	Total Assimilative Capacity (1000 tons)	Groundwater Salt Load[2] (1000 tons)	Background Salt Load[2,5] (1000 tons)	CUA Load[6] (1000 tons)	M&I Load[2] (1000 tons)	Load Allocations[2] (1000 tons)	sum of loads[7] (1000 tons)	Additional Assimilative Capacity[8] (1000 tons)	Calculated EC[3] (µS/cm)	Calculated boron conc. (mg/L)	Boron water quality objective[4] (mg/L)
Mar-66	BN	229	14	1,000	190	30	15.2	40.0	2.7	31.7	120	70	630	0.38	1.0
Apr-66	BN	246	15	700	143	32	16.4	43.1	1.3	39.4	132	11	650	0.39	0.8
May-66	BN	186	17	700	108	36	11.9	31.5	1.3	27.2	108	0	700	0.42	0.8
Jun-66	BN	97	24	700	56	53	5.1	13.6	0.0	0.0	72	-16	900	0.54	0.8
Jul-66	BN	91	21	700	53	46	4.9	13.0	0.0	0.0	64	-11	850	0.51	0.8
Aug-66	BN	94	13	700	55	27	5.7	15.1	0.0	0.0	48	7	620	0.37	0.8
Sep-66	BN	100	7	1,000	83	16	6.5	17.2	2.7	37.1	80	3	960	0.58	1.0
Oct-66	BN	111	6	1,000	92	13	7.4	19.5	2.7	40.5	83	9	900	0.54	1.0
Nov-66	BN	95	6	1,000	79	14	6.3	16.5	2.7	33.1	73	6	930	0.56	1.0
Dec-66	BN	168	7	1,000	139	15	11.4	30.0	2.7	30.3	89	50	640	0.38	1.0
Jan-67	W	184	7	1,000	153	15	12.5	33.0	2.7	42.2	105	48	690	0.41	1.0
Feb-67	W	193	6	1,000	160	15	13.2	34.7	2.7	86.3	152	8	950	0.57	1.0
Mar-67	W	352	14	1,000	292	30	23.9	62.9	2.7	116.4	236	56	810	0.49	1.0
Apr-67	W	812	15	700	471	32	56.4	148.5	1.3	61.7	300	171	450	0.27	0.8
May-67	W	1,028	17	700	597	36	71.5	188.3	1.3	67.3	364	233	430	0.26	0.8
Jun-67	W	897	24	700	521	53	61.7	162.6	0.0	0.0	277	244	370	0.22	0.8
Jul-67	W	554	21	700	322	46	37.6	99.2	0.0	0.0	183	139	400	0.24	0.8
Aug-67	W	107	13	700	62	27	6.7	17.5	0.0	5.1	56	6	630	0.38	0.8
Sep-67	W	177	7	1,000	147	16	12.0	31.6	2.7	43.9	106	41	720	0.43	1.0
Oct-67	W	306	6	1,000	254	13	21.2	55.8	2.7	97.8	191	63	750	0.45	1.0
Nov-67	W	110	6	1,000	91	14	7.3	19.3	2.7	43.7	87	4	950	0.57	1.0
Dec-67	W	118	7	1,000	98	15	7.8	20.7	2.7	35.8	82	16	840	0.5	1.0
Jan-68	D	116	7	1,000	96	15	7.7	20.3	2.7	29.8	76	20	790	0.47	1.0
Feb-68	D	192	6	1,000	159	15	13.1	34.5	2.7	40.6	106	53	670	0.4	1.0
Mar-68	D	175	14	1,000	145	30	11.4	30.0	2.7	25.5	100	45	690	0.41	1.0
Apr-68	D	257	15	700	149	32	17.1	45.1	1.3	18.7	114	35	530	0.32	0.8
May-68	D	190	17	700	110	36	12.2	32.2	1.3	12.7	94	16	600	0.36	0.8
Jun-68	D	87	24	700	51	53	4.4	11.7	0.0	0.0	69	-18	960	0.57	0.8
Jul-68	D	86	21	700	50	46	4.6	12.0	0.0	0.0	63	-13	880	0.53	0.8
Aug-68	D	85	13	700	49	27	5.1	13.4	0.0	0.0	46	3	650	0.39	0.8
Sep-68	D	83	7	1,000	69	16	5.3	14.1	2.7	24.0	62	7	900	0.54	1.0
Oct-68	D	108	6	1,000	90	13	7.2	19.0	2.7	30.8	73	17	820	0.49	1.0
Nov-68	D	93	6	1,000	77	14	6.1	16.1	2.7	27.2	66	11	860	0.51	1.0
Dec-68	D	114	7	1,000	95	15	7.6	19.9	2.7	28.4	74	21	780	0.47	1.0
Jan-69	W	807	7	1,000	669	15	56.6	149.0	2.7	42.2	266	403	400	0.24	1.0
Feb-69	W	1,702	6	1,000	1,411	15	119.9	315.8	2.7	86.3	540	871	380	0.23	1.0
Mar-69	W	1,239	14	1,000	1,027	30	86.6	228.2	2.7	116.4	464	563	450	0.27	1.0
Apr-69	W	1,249	15	700	725	32	87.3	229.9	1.3	61.7	412	313	400	0.24	0.8
May-69	W	1,614	17	700	937	36	112.9	297.4	1.3	67.3	515	422	380	0.23	0.8
Jun-69	W	1,119	24	700	650	53	77.4	203.9	0.0	0.0	334	316	360	0.22	0.8
Jul-69	W	332	21	700	193	46	22.0	57.8	0.0	0.0	126	67	460	0.27	0.8

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6 = (Column C - Column E) * (189 - 52 mg/L) * *cf*
7 = Column G + Column H + Column I + Column J
8 = Column F - Column L

cf (conversion factor) = 0.00136

TMDL Linkage Analysis

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Month - Year	Year-type	Vernalis Q[1] (TAF)	Groundwater Q[2] (TAF)	Salinity Water Quality Objective (µS/cm)	Total Assimilative Capacity (1000 tons)	Groundwater Salt Load[2] (1000 tons)	Background Salt Load[2,5] (1000 tons)	CUA Load[6] (1000 tons)	M&I Load[2] (1000 tons)	Load Allocations[2] (1000 tons)	sum of loads[7] (1000 tons)	Additional Assimilative Capacity[8] (1000 tons)	Calculated EC[3] (µS/cm)	Calculated boron conc. (mg/L)	Boron water quality objective[4] (mg/L)
Aug-69	W	179	13	700	104	27	11.7	30.9	0.0	5.1	75	29	510	0.3	0.8
Sep-69	W	201	7	1,000	167	16	13.7	36.1	2.7	43.9	112	55	670	0.4	1.0
Oct-69	W	336	6	1,000	279	13	23.3	61.4	2.7	97.8	198	81	710	0.43	1.0
Nov-69	W	175	6	1,000	145	14	11.9	31.4	2.7	43.7	104	41	720	0.43	1.0
Dec-69	W	217	7	1,000	180	15	14.8	39.1	2.7	35.8	107	73	590	0.36	1.0
Jan-70	AN	1,045	7	1,000	867	15	73.4	193.3	2.7	44.9	329	538	380	0.23	1.0
Feb-70	AN	528	6	1,000	438	15	36.9	97.1	2.7	86.3	238	200	540	0.33	1.0
Mar-70	AN	454	14	1,000	376	30	31.1	81.9	2.7	64.8	211	165	560	0.34	1.0
Apr-70	AN	356	15	700	207	32	24.1	63.6	1.3	63.0	184	23	620	0.37	0.8
May-70	AN	312	17	700	181	36	20.9	54.9	1.3	50.5	164	17	630	0.38	0.8
Jun-70	AN	131	24	700	76	53	7.5	19.9	0.0	0.0	80	-4	740	0.44	0.8
Jul-70	AN	102	21	700	59	46	5.7	15.0	0.0	0.0	67	-8	790	0.48	0.8
Aug-70	AN	106	13	700	62	27	6.6	17.4	0.0	0.0	51	11	580	0.35	0.8
Sep-70	AN	117	7	1,000	97	16	7.7	20.4	2.7	43.2	90	7	930	0.56	1.0
Oct-70	AN	127	6	1,000	105	13	8.5	22.5	2.7	57.1	104	1	990	0.59	1.0
Nov-70	AN	109	6	1,000	90	14	7.3	19.1	2.7	34.6	78	12	860	0.52	1.0
Dec-70	AN	141	7	1,000	117	15	9.5	24.9	2.7	32.3	84	33	720	0.43	1.0
Jan-71	BN	135	7	1,000	112	15	9.0	23.8	2.7	22.6	73	39	650	0.39	1.0
Feb-71	BN	118	6	1,000	98	15	7.9	20.8	2.7	24.0	70	28	720	0.43	1.0
Mar-71	BN	213	14	1,000	177	30	14.1	37.1	2.7	31.7	116	61	660	0.39	1.0
Apr-71	BN	278	15	700	161	32	18.6	49.1	1.3	39.4	140	21	610	0.36	0.8
May-71	BN	257	17	700	149	36	17.0	44.7	1.3	27.2	126	23	590	0.35	0.8
Jun-71	BN	116	24	700	67	53	6.5	17.1	0.0	0.0	77	-10	800	0.48	0.8
Jul-71	BN	98	21	700	57	46	5.4	14.3	0.0	0.0	66	-9	810	0.49	0.8
Aug-71	BN	100	13	700	58	27	6.2	16.2	0.0	0.0	49	9	590	0.35	0.8
Sep-71	BN	107	7	1,000	89	16	7.0	18.5	2.7	37.1	81	8	910	0.55	1.0
Oct-71	BN	113	6	1,000	94	13	7.6	19.9	2.7	40.5	84	10	900	0.54	1.0
Nov-71	BN	93	6	1,000	77	14	6.1	16.1	2.7	33.1	72	5	930	0.56	1.0
Dec-71	BN	103	7	1,000	85	15	6.8	17.9	2.7	30.3	73	12	850	0.51	1.0
Jan-72	D	97	7	1,000	80	15	6.4	16.8	2.7	29.8	71	9	880	0.53	1.0
Feb-72	D	99	6	1,000	82	15	6.5	17.2	2.7	40.6	82	0	1000	0.6	1.0
Mar-72	D	95	14	1,000	79	30	5.7	15.1	2.7	25.5	79	0	1000	0.6	1.0
Apr-72	D	152	15	700	88	32	9.7	25.6	1.3	18.7	87	1	690	0.41	0.8
May-72	D	146	17	700	85	36	9.1	24.0	1.3	12.7	83	2	690	0.41	0.8
Jun-72	D	74	24	700	43	53	3.5	9.3	0.0	0.0	66	-23	1100	0.65	0.8
Jul-72	D	69	21	700	40	46	3.4	8.9	0.0	0.0	58	-18	1000	0.61	0.8
Aug-72	D	81	13	700	47	27	4.8	12.7	0.0	0.0	45	2	670	0.4	0.8
Sep-72	D	73	7	1,000	61	16	4.6	12.2	2.7	24.0	60	1	990	0.59	1.0
Oct-72	D	99	6	1,000	82	13	6.6	17.3	2.7	30.8	70	12	850	0.51	1.0
Nov-72	D	86	6	1,000	71	14	5.6	14.8	2.7	27.2	64	7	900	0.54	1.0
Dec-72	D	88	7	1,000	73	15	5.7	15.1	2.7	28.4	67	6	920	0.55	1.0

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cf (conversion factor) = 0.00136

TMDL Linkage Analysis

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Month - Year	Year-type	Vernalis Q[1] (TAF)	Groundwater Q[2] (TAF)	Salinity Water Quality Objective (µ/S/cm)	Total Assimilative Capacity (1000 tons)	Groundwater Salt Load[2] (1000 tons)	Background Salt Load[2,5] (1000 tons)	CUA Load[6] (1000 tons)	M&I Load[2] (1000 tons)	Load Allocations[2] (1000 tons)	sum of loads[7] (1000 tons)	Additional Assimilative Capacity[8] (1000 tons)	Calculated EC[3] (µS/cm)	Calculated boron conc. (mg/L)	Boron water quality objective[4] (mg/L)
Jan-73	AN	123	7	1,000	102	15	8.2	21.6	2.7	44.9	92	10	900	0.54	1.0
Feb-73	AN	326	6	1,000	270	15	22.6	59.5	2.7	86.3	186	84	690	0.41	1.0
Mar-73	AN	554	14	1,000	459	30	38.2	100.6	2.7	64.8	236	223	510	0.31	1.0
Apr-73	AN	385	15	700	223	32	26.2	69.0	1.3	63.0	192	31	600	0.36	0.8
May-73	AN	376	17	700	218	36	25.4	66.9	1.3	50.5	180	38	580	0.35	0.8
Jun-73	AN	140	24	700	81	53	8.2	21.6	0.0	0.0	83	-2	710	0.43	0.8
Jul-73	AN	107	21	700	62	46	6.0	15.9	0.0	0.0	68	-6	770	0.46	0.8
Aug-73	AN	104	13	700	60	27	6.4	17.0	0.0	0.0	50	10	580	0.35	0.8
Sep-73	AN	113	7	1,000	94	16	7.5	19.7	2.7	43.2	89	5	950	0.57	1.0
Oct-73	AN	209	6	1,000	173	13	14.3	37.8	2.7	57.1	125	48	720	0.43	1.0
Nov-73	AN	149	6	1,000	124	14	10.1	26.6	2.7	34.6	88	36	710	0.43	1.0
Dec-73	AN	178	7	1,000	148	15	12.1	31.8	2.7	32.3	94	54	640	0.38	1.0
Jan-74	W	443	7	1,000	367	15	30.8	81.2	2.7	42.2	172	195	470	0.28	1.0
Feb-74	W	306	6	1,000	254	15	21.2	55.8	2.7	86.3	181	73	710	0.43	1.0
Mar-74	W	445	14	1,000	369	30	30.5	80.3	2.7	116.4	260	109	700	0.42	1.0
Apr-74	W	457	15	700	265	32	31.3	82.4	1.3	61.7	209	56	550	0.33	0.8
May-74	W	393	17	700	228	36	26.6	70.0	1.3	67.3	201	27	620	0.37	0.8
Jun-74	W	188	24	700	109	53	11.6	30.5	0.0	0.0	95	14	610	0.37	0.8
Jul-74	W	110	21	700	64	46	6.3	16.5	0.0	0.0	69	-5	760	0.45	0.8
Aug-74	W	107	13	700	62	27	6.7	17.5	0.0	5.1	56	6	630	0.38	0.8
Sep-74	W	120	7	1,000	100	16	8.0	21.0	2.7	43.9	92	8	920	0.55	1.0
Oct-74	W	221	6	1,000	183	13	15.2	40.0	2.7	97.8	169	14	920	0.55	1.0
Nov-74	W	106	6	1,000	88	14	7.0	18.6	2.7	43.7	86	2	980	0.59	1.0
Dec-74	W	121	7	1,000	100	15	8.1	21.2	2.7	35.8	83	17	830	0.5	1.0
Jan-75	W	130	7	1,000	108	15	8.7	22.9	2.7	42.2	92	16	850	0.51	1.0
Feb-75	W	294	6	1,000	244	15	20.3	53.5	2.7	86.3	178	66	730	0.44	1.0
Mar-75	W	506	14	1,000	420	30	34.8	91.6	2.7	116.4	276	144	660	0.39	1.0
Apr-75	W	404	15	700	235	32	27.5	72.5	1.3	61.7	195	40	580	0.35	0.8
May-75	W	378	17	700	219	36	25.5	67.2	1.3	67.3	197	22	630	0.38	0.8
Jun-75	W	377	24	700	219	53	24.9	65.7	0.0	0.0	144	75	460	0.28	0.8
Jul-75	W	114	21	700	66	46	6.5	17.2	0.0	0.0	70	-4	740	0.44	0.8
Aug-75	W	110	13	700	64	27	6.9	18.1	0.0	5.1	57	7	620	0.37	0.8
Sep-75	W	117	7	1,000	97	16	7.7	20.4	2.7	43.9	91	6	940	0.56	1.0
Oct-75	W	257	6	1,000	213	13	17.7	46.7	2.7	97.8	178	35	840	0.5	1.0
Nov-75	W	113	6	1,000	94	14	7.5	19.9	2.7	43.7	88	6	940	0.56	1.0
Dec-75	W	114	7	1,000	95	15	7.6	19.9	2.7	35.8	81	14	860	0.51	1.0
Jan-76	C	100	7	1,000	83	15	6.6	17.3	2.7	19.5	61	22	740	0.44	1.0
Feb-76	C	116	6	1,000	96	15	7.7	20.4	2.7	15.6	61	35	630	0.38	1.0
Mar-76	C	107	14	1,000	89	30	6.6	17.3	2.7	11.7	68	21	770	0.46	1.0
Apr-76	C	152	15	700	88	32	9.7	25.6	1.3	0.0	69	19	550	0.33	0.8
May-76	C	147	17	700	85	36	9.2	24.2	1.3	0.0	71	14	580	0.35	0.8

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cf (conversion factor) = 0.00136

TMDL Linkage Analysis

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Month - Year	Year-type	Vernalis Q[1] (TAF)	Groundwater Q[2] (TAF)	Salinity Water Quality Objective (µ/S/cm)	Total Assimilative Capacity (1000 tons)	Groundwater Salt Load[2] (1000 tons)	Background Salt Load[2,5] (1000 tons)	CUA Load[6] (1000 tons)	M&I Load[2] (1000 tons)	Load Allocations[2] (1000 tons)	sum of loads[7] (1000 tons)	Additional Assimilative Capacity[8] (1000 tons)	Calculated EC[3] (µS/cm)	Calculated boron conc. (mg/L)	Boron water quality objective[4] (mg/L)
Jun-76	C	74	24	700	43	53	3.5	9.3	0.0	0.0	66	-23	1100	0.65	0.8
Jul-76	C	76	21	700	44	46	3.9	10.2	0.0	0.0	60	-16	950	0.57	0.8
Aug-76	C	78	13	700	45	27	4.6	12.1	0.0	0.0	44	1	680	0.41	0.8
Sep-76	C	76	7	1,000	63	16	4.8	12.8	2.7	17.8	54	9	860	0.51	1.0
Oct-76	C	180	6	1,000	149	13	12.3	32.4	2.7	29.4	90	59	600	0.36	1.0
Nov-76	C	129	6	1,000	107	14	8.7	22.8	2.7	25.0	73	34	680	0.41	1.0
Dec-76	C	107	7	1,000	89	15	7.1	18.6	2.7	23.4	67	22	760	0.45	1.0
Jan-77	C	79	7	1,000	66	15	5.1	13.4	2.7	19.5	56	10	850	0.51	1.0
Feb-77	C	71	6	1,000	59	15	4.6	12.0	2.7	15.6	50	9	850	0.51	1.0
Mar-77	C	71	14	1,000	59	30	4.0	10.6	2.7	11.7	59	0	1000	0.6	1.0
Apr-77	C	109	15	700	63	32	6.7	17.6	1.3	0.0	58	5	640	0.38	0.8
May-77	C	107	17	700	62	36	6.4	16.8	1.3	0.0	61	1	690	0.41	0.8
Jun-77	C	70	24	700	41	53	3.2	8.5	0.0	0.0	65	-24	1100	0.67	0.8
Jul-77	C	50	21	700	29	46	2.0	5.3	0.0	0.0	53	-24	1300	0.77	0.8
Aug-77	C	53	13	700	31	27	2.8	7.5	0.0	0.0	37	-6	840	0.51	0.8
Sep-77	C	64	7	1,000	53	16	4.0	10.5	2.7	17.8	51	2	960	0.58	1.0
Oct-77	C	84	6	1,000	70	13	5.5	14.5	2.7	29.4	65	5	930	0.56	1.0
Nov-77	C	79	6	1,000	66	14	5.1	13.5	2.7	25.0	60	6	920	0.55	1.0
Dec-77	C	88	7	1,000	73	15	5.7	15.1	2.7	23.4	62	11	850	0.51	1.0
Jan-78	W	200	7	1,000	166	15	13.6	35.9	2.7	42.2	109	57	660	0.39	1.0
Feb-78	W	397	6	1,000	329	15	27.6	72.7	2.7	86.3	204	125	620	0.37	1.0
Mar-78	W	695	14	1,000	576	30	48.1	126.8	2.7	116.4	324	252	560	0.34	1.0
Apr-78	W	916	15	700	532	32	63.7	167.9	1.3	61.7	327	205	430	0.26	0.8
May-78	W	704	17	700	409	36	48.6	128.0	1.3	67.3	281	128	480	0.29	0.8
Jun-78	W	432	24	700	251	53	28.8	75.9	0.0	0.0	158	93	440	0.26	0.8
Jul-78	W	185	21	700	107	46	11.6	30.5	0.0	0.0	88	19	570	0.34	0.8
Aug-78	W	109	13	700	63	27	6.8	17.9	0.0	5.1	57	6	630	0.38	0.8
Sep-78	W	166	7	1,000	138	16	11.2	29.5	2.7	43.9	103	35	750	0.45	1.0
Oct-78	W	270	6	1,000	224	13	18.7	49.1	2.7	97.8	181	43	810	0.49	1.0
Nov-78	W	119	6	1,000	99	14	8.0	21.0	2.7	43.7	89	10	900	0.54	1.0
Dec-78	W	110	7	1,000	91	15	7.3	19.2	2.7	35.8	80	11	880	0.53	1.0
Jan-79	AN	255	7	1,000	211	15	17.5	46.2	2.7	44.9	126	85	600	0.36	1.0
Feb-79	AN	519	6	1,000	430	15	36.2	95.5	2.7	86.3	236	194	550	0.33	1.0
Mar-79	AN	538	14	1,000	446	30	37.0	97.6	2.7	64.8	232	214	520	0.31	1.0
Apr-79	AN	372	15	700	216	32	25.3	66.6	1.3	63.0	188	28	610	0.37	0.8
May-79	AN	347	17	700	201	36	23.3	61.5	1.3	50.5	173	28	600	0.36	0.8
Jun-79	AN	114	24	700	66	53	6.3	16.7	0.0	0.0	76	-10	800	0.48	0.8
Jul-79	AN	101	21	700	59	46	5.6	14.8	0.0	0.0	66	-7	790	0.47	0.8
Aug-79	AN	100	13	700	58	27	6.2	16.2	0.0	0.0	49	9	590	0.35	0.8
Sep-79	AN	110	7	1,000	91	16	7.3	19.1	2.7	43.2	88	3	960	0.58	1.0
Oct-79	AN	154	6	1,000	128	13	10.5	27.5	2.7	57.1	111	17	870	0.52	1.0

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4 =EC * 0.0006 (EC to boron relationship)
5 = (Column C - Column E) * 52 mg/L * *cf*
6 = (Column C - Column E) * (189 - 52 mg/L) * *cf*
7 = Column G + Column H + Column I + Column J
8 = Column F - Column L

cf (conversion factor) = 0.00136

TMDL Linkage Analysis

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Month - Year	Year-type	Vernalis Q[1] (TAF)	Groundwater Q[2] (TAF)	Salinity Water Quality Objective (µ/S/cm)	Total Assimilative Capacity (1000 tons)	Groundwater Salt Load[2] (1000 tons)	Background Salt Load[2,5] (1000 tons)	CUA Load[6] (1000 tons)	M&I Load[2] (1000 tons)	Load Allocations[2] (1000 tons)	sum of loads[7] (1000 tons)	Additional Assimilative Capacity[8] (1000 tons)	Calculated EC[3] (µS/cm)	Calculated boron conc. (mg/L)	Boron water quality objective[4] (mg/L)
Nov-79	AN	107	6	1,000	89	14	7.1	18.7	2.7	34.6	77	12	870	0.52	1.0
Dec-79	AN	120	7	1,000	100	15	8.0	21.0	2.7	32.3	79	21	790	0.48	1.0
Jan-80	W	746	7	1,000	619	15	52.2	137.6	2.7	42.2	250	369	400	0.24	1.0
Feb-80	W	1,149	6	1,000	953	15	80.8	212.8	2.7	86.3	398	555	420	0.25	1.0
Mar-80	W	907	14	1,000	752	30	63.1	166.3	2.7	116.4	379	373	500	0.3	1.0
Apr-80	W	414	15	700	240	32	28.2	74.4	1.3	61.7	198	42	580	0.35	0.8
May-80	W	446	17	700	259	36	30.3	79.9	1.3	67.3	215	44	580	0.35	0.8
Jun-80	W	447	24	700	259	53	29.9	78.7	0.0	0.0	162	97	440	0.26	0.8
Jul-80	W	237	21	700	138	46	15.2	40.1	0.0	0.0	101	37	510	0.31	0.8
Aug-80	W	101	13	700	59	27	6.2	16.4	0.0	5.1	55	4	660	0.39	0.8
Sep-80	W	159	7	1,000	132	16	10.7	28.2	2.7	43.9	102	30	770	0.46	1.0
Oct-80	W	301	6	1,000	250	13	20.8	54.9	2.7	97.8	189	61	760	0.45	1.0
Nov-80	W	114	6	1,000	95	14	7.6	20.0	2.7	43.7	88	7	930	0.56	1.0
Dec-80	W	106	7	1,000	88	15	7.0	18.4	2.7	35.8	79	9	900	0.54	1.0
Jan-81	D	138	7	1,000	114	15	9.3	24.4	2.7	29.8	81	33	710	0.42	1.0
Feb-81	D	149	6	1,000	124	15	10.1	26.5	2.7	40.6	95	29	770	0.46	1.0
Mar-81	D	185	14	1,000	153	30	12.1	31.8	2.7	25.5	102	51	660	0.4	1.0
Apr-81	D	268	15	700	156	32	17.9	47.2	1.3	18.7	117	39	530	0.32	0.8
May-81	D	208	17	700	121	36	13.5	35.6	1.3	12.7	99	22	570	0.34	0.8
Jun-81	D	87	24	700	51	53	4.4	11.7	0.0	0.0	69	-18	960	0.57	0.8
Jul-81	D	80	21	700	46	46	4.1	10.9	0.0	0.0	61	-15	920	0.55	0.8
Aug-81	D	86	13	700	50	27	5.2	13.6	0.0	0.0	46	4	640	0.39	0.8
Sep-81	D	85	7	1,000	70	16	5.5	14.4	2.7	24.0	63	7	890	0.54	1.0
Oct-81	D	111	6	1,000	92	13	7.4	19.5	2.7	30.8	73	19	790	0.48	1.0
Nov-81	D	101	6	1,000	84	14	6.7	17.6	2.7	27.2	68	16	810	0.49	1.0
Dec-81	D	103	7	1,000	85	15	6.8	17.9	2.7	28.4	71	14	830	0.5	1.0
Jan-82	W	498	7	1,000	413	15	34.7	91.4	2.7	42.2	186	227	450	0.27	1.0
Feb-82	W	916	6	1,000	760	15	64.3	169.4	2.7	86.3	338	422	440	0.27	1.0
Mar-82	W	939	14	1,000	779	30	65.4	172.3	2.7	116.4	387	392	500	0.3	1.0
Apr-82	W	1,615	15	700	938	32	113.1	298.1	1.3	61.7	506	432	380	0.23	0.8
May-82	W	978	17	700	568	36	67.9	179.0	1.3	67.3	352	216	430	0.26	0.8
Jun-82	W	608	24	700	353	53	41.3	108.7	0.0	0.0	203	150	400	0.24	0.8
Jul-82	W	258	21	700	150	46	16.7	44.1	0.0	0.0	107	43	500	0.3	0.8
Aug-82	W	166	13	700	96	27	10.8	28.5	0.0	5.1	71	25	520	0.31	0.8
Sep-82	W	310	7	1,000	257	16	21.4	56.4	2.7	43.9	140	117	540	0.33	1.0
Oct-82	W	543	6	1,000	450	13	38.0	100.0	2.7	97.8	252	198	560	0.34	1.0
Nov-82	W	533	6	1,000	442	14	37.2	98.1	2.7	43.7	196	246	440	0.27	1.0
Dec-82	W	1,167	7	1,000	968	15	82.0	216.0	2.7	35.8	352	616	360	0.22	1.0
Jan-83	W	1,524	7	1,000	1,264	15	107.2	282.5	2.7	42.2	450	814	360	0.21	1.0
Feb-83	W	2,031	6	1,000	1,684	15	143.1	377.1	2.7	86.3	624	1,060	370	0.22	1.0
Mar-83	W	2,539	14	1,000	2,106	30	178.5	470.3	2.7	116.4	798	1,308	380	0.23	1.0

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7 = Column G + Column H + Column I + Column J
8 = Column F - Column L

cf (conversion factor) = 0.00136

TMDL Linkage Analysis

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Month - Year	Year-type	Vernalis Q[1] (TAF)	Groundwater Q[2] (TAF)	Salinity Water Quality Objective (µ/S/cm)	Total Assimilative Capacity (1000 tons)	Groundwater Salt Load[2] (1000 tons)	Background Salt Load[2,5] (1000 tons)	CUA Load[6] (1000 tons)	M&I Load[2] (1000 tons)	Load Allocations[2] (1000 tons)	sum of loads[7] (1000 tons)	Additional Assimilative Capacity[8] (1000 tons)	Calculated EC[3] (µS/cm)	Calculated boron conc. (mg/L)	Boron water quality objective[4] (mg/L)
Apr-83	W	1,238	15	700	719	32	86.5	227.9	1.3	61.7	409	310	400	0.24	0.8
May-83	W	1,217	17	700	706	36	84.8	223.5	1.3	67.3	413	293	410	0.25	0.8
Jun-83	W	2,155	24	700	1,251	53	150.6	396.9	0.0	0.0	601	650	340	0.2	0.8
Jul-83	W	960	21	700	557	46	66.3	174.8	0.0	0.0	287	270	360	0.22	0.8
Aug-83	W	189	13	700	110	27	12.5	32.8	0.0	5.1	77	33	490	0.29	0.8
Sep-83	W	453	7	1,000	376	16	31.5	83.0	2.7	43.9	177	199	470	0.28	1.0
Oct-83	W	464	6	1,000	385	13	32.4	85.3	2.7	97.8	231	154	600	0.36	1.0
Nov-83	W	825	6	1,000	684	14	57.9	152.5	2.7	43.7	271	413	400	0.24	1.0
Dec-83	W	1,316	7	1,000	1,091	15	92.5	243.8	2.7	35.8	390	701	360	0.21	1.0
Jan-84	AN	931	7	1,000	772	15	65.3	172.1	2.7	44.9	300	472	390	0.23	1.0
Feb-84	AN	552	6	1,000	458	15	38.6	101.6	2.7	86.3	244	214	530	0.32	1.0
Mar-84	AN	366	14	1,000	304	30	24.9	65.6	2.7	64.8	188	116	620	0.37	1.0
Apr-84	AN	345	15	700	200	32	23.4	61.5	1.3	63.0	181	19	630	0.38	0.8
May-84	AN	282	17	700	164	36	18.7	49.4	1.3	50.5	156	8	670	0.4	0.8
Jun-84	AN	137	24	700	80	53	8.0	21.0	0.0	0.0	82	-2	720	0.43	0.8
Jul-84	AN	107	21	700	62	46	6.0	15.9	0.0	0.0	68	-6	770	0.46	0.8
Aug-84	AN	113	13	700	66	27	7.1	18.7	0.0	0.0	53	13	570	0.34	0.8
Sep-84	AN	123	7	1,000	102	16	8.2	21.5	2.7	43.2	92	10	900	0.54	1.0
Oct-84	AN	126	6	1,000	104	13	8.5	22.3	2.7	57.1	104	0	1000	0.6	1.0
Nov-84	AN	112	6	1,000	93	14	7.5	19.7	2.7	34.6	79	14	850	0.51	1.0
Dec-84	AN	113	7	1,000	94	15	7.5	19.7	2.7	32.3	77	17	820	0.49	1.0
Jan-85	D	100	7	1,000	83	15	6.6	17.3	2.7	29.8	71	12	860	0.51	1.0
Feb-85	D	111	6	1,000	92	15	7.4	19.5	2.7	40.6	85	7	920	0.55	1.0
Mar-85	D	132	14	1,000	109	30	8.3	22.0	2.7	25.5	89	20	810	0.49	1.0
Apr-85	D	213	15	700	124	32	14.0	36.9	1.3	18.7	103	21	580	0.35	0.8
May-85	D	202	17	700	117	36	13.1	34.5	1.3	12.7	98	19	590	0.35	0.8
Jun-85	D	90	24	700	52	53	4.6	12.2	0.0	0.0	70	-18	940	0.56	0.8
Jul-85	D	79	21	700	46	46	4.1	10.7	0.0	0.0	61	-15	930	0.56	0.8
Aug-85	D	87	13	700	51	27	5.2	13.8	0.0	0.0	46	5	640	0.38	0.8
Sep-85	D	85	7	1,000	70	16	5.5	14.4	2.7	24.0	63	7	890	0.54	1.0
Oct-85	D	109	6	1,000	90	13	7.3	19.2	2.7	30.8	73	17	810	0.48	1.0
Nov-85	D	99	6	1,000	82	14	6.5	17.2	2.7	27.2	68	14	830	0.5	1.0
Dec-85	D	103	7	1,000	85	15	6.8	17.9	2.7	28.4	71	14	830	0.5	1.0
Jan-86	W	101	7	1,000	84	15	6.6	17.5	2.7	42.2	84	0	1000	0.6	1.0
Feb-86	W	1,134	6	1,000	940	15	79.7	210.0	2.7	86.3	394	546	420	0.25	1.0
Mar-86	W	1,580	14	1,000	1,310	30	110.7	291.7	2.7	116.4	552	758	420	0.25	1.0
Apr-86	W	593	15	700	344	32	40.9	107.7	1.3	61.7	244	100	500	0.3	0.8
May-86	W	543	17	700	315	36	37.2	98.0	1.3	67.3	240	75	530	0.32	0.8
Jun-86	W	544	24	700	316	53	36.7	96.8	0.0	0.0	187	129	410	0.25	0.8
Jul-86	W	108	21	700	63	46	6.1	16.1	0.0	0.0	68	-5	760	0.46	0.8
Aug-86	W	106	13	700	62	27	6.6	17.4	0.0	5.1	56	6	640	0.38	0.8

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cf (conversion factor) = 0.00136

TMDL Linkage Analysis

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Month - Year	Year-type	Vernalis Q[1] (TAF)	Groundwater Q[2] (TAF)	Salinity Water Quality Objective (µ/S/cm)	Total Assimilative Capacity (1000 tons)	Groundwater Salt Load[2] (1000 tons)	Background Salt Load[2,5] (1000 tons)	CUA Load[6] (1000 tons)	M&I Load[2] (1000 tons)	Load Allocations[2] (1000 tons)	sum of loads[7] (1000 tons)	Additional Assimilative Capacity[8] (1000 tons)	Calculated EC[3] (µS/cm)	Calculated boron conc. (mg/L)	Boron water quality objective[4] (mg/L)
Sep-86	W	121	7	1,000	100	16	8.0	21.2	2.7	43.9	92	8	920	0.55	1.0
Oct-86	W	215	6	1,000	178	13	14.8	38.9	2.7	97.8	167	11	940	0.56	1.0
Nov-86	W	108	6	1,000	90	14	7.2	18.9	2.7	43.7	87	3	970	0.58	1.0
Dec-86	W	101	7	1,000	84	15	6.6	17.5	2.7	35.8	78	6	930	0.56	1.0
Jan-87	C	97	7	1,000	80	15	6.4	16.8	2.7	19.5	60	20	750	0.45	1.0
Feb-87	C	107	6	1,000	89	15	7.1	18.7	2.7	15.6	59	30	660	0.4	1.0
Mar-87	C	120	14	1,000	100	30	7.5	19.7	2.7	11.7	72	28	720	0.43	1.0
Apr-87	C	155	15	700	90	32	9.9	26.1	1.3	0.0	69	21	540	0.32	0.8
May-87	C	148	17	700	86	36	9.3	24.4	1.3	0.0	71	15	580	0.35	0.8
Jun-87	C	77	24	700	45	53	3.7	9.8	0.0	0.0	67	-22	1000	0.63	0.8
Jul-87	C	79	21	700	46	46	4.1	10.7	0.0	0.0	61	-15	930	0.56	0.8
Aug-87	C	80	13	700	46	27	4.7	12.5	0.0	0.0	44	2	660	0.4	0.8
Sep-87	C	80	7	1,000	66	16	5.1	13.5	2.7	17.8	55	11	830	0.5	1.0
Oct-87	C	89	6	1,000	74	13	5.9	15.4	2.7	29.4	66	8	890	0.54	1.0
Nov-87	C	80	6	1,000	66	14	5.2	13.7	2.7	25.0	61	5	920	0.55	1.0
Dec-87	C	75	7	1,000	62	15	4.8	12.6	2.7	23.4	59	3	950	0.57	1.0
Jan-88	C	74	7	1,000	61	15	4.7	12.5	2.7	19.5	54	7	880	0.53	1.0
Feb-88	C	69	6	1,000	57	15	4.4	11.6	2.7	15.6	49	8	860	0.51	1.0
Mar-88	C	74	14	1,000	61	30	4.2	11.2	2.7	11.7	60	1	980	0.59	1.0
Apr-88	C	114	15	700	66	32	7.0	18.5	1.3	0.0	59	7	620	0.37	0.8
May-88	C	110	17	700	64	36	6.6	17.3	1.3	0.0	61	3	670	0.4	0.8
Jun-88	C	71	24	700	41	53	3.3	8.7	0.0	0.0	65	-24	1100	0.66	0.8
Jul-88	C	50	21	700	29	46	2.0	5.3	0.0	0.0	53	-24	1300	0.77	0.8
Aug-88	C	54	13	700	31	27	2.9	7.7	0.0	0.0	38	-7	850	0.51	0.8
Sep-88	C	74	7	1,000	61	16	4.7	12.4	2.7	17.8	54	7	880	0.53	1.0
Oct-88	C	83	6	1,000	69	13	5.4	14.3	2.7	29.4	65	4	940	0.57	1.0
Nov-88	C	70	6	1,000	58	14	4.5	11.8	2.7	25.0	58	0	1000	0.6	1.0
Dec-88	C	76	7	1,000	63	15	4.9	12.8	2.7	23.4	59	4	940	0.56	1.0
Jan-89	C	71	7	1,000	59	15	4.5	11.9	2.7	19.5	54	5	920	0.55	1.0
Feb-89	C	67	6	1,000	56	15	4.3	11.3	2.7	15.6	49	7	880	0.53	1.0
Mar-89	C	93	14	1,000	77	30	5.6	14.7	2.7	11.7	65	12	840	0.51	1.0
Apr-89	C	120	15	700	70	32	7.4	19.6	1.3	0.0	60	10	600	0.36	0.8
May-89	C	107	17	700	62	36	6.4	16.8	1.3	0.0	61	1	690	0.41	0.8
Jun-89	C	74	24	700	43	53	3.5	9.3	0.0	0.0	66	-23	1100	0.65	0.8
Jul-89	C	55	21	700	32	46	2.4	6.2	0.0	0.0	55	-23	1200	0.72	0.8
Aug-89	C	56	13	700	33	27	3.1	8.0	0.0	0.0	38	-5	820	0.49	0.8
Sep-89	C	78	7	1,000	65	16	5.0	13.1	2.7	17.8	55	10	850	0.51	1.0
Oct-89	C	83	6	1,000	69	13	5.4	14.3	2.7	29.4	65	4	940	0.57	1.0
Nov-89	C	74	6	1,000	61	14	4.8	12.6	2.7	25.0	59	2	960	0.58	1.0
Dec-89	C	71	7	1,000	59	15	4.5	11.9	2.7	23.4	58	1	990	0.59	1.0
Jan-90	C	68	7	1,000	56	15	4.3	11.4	2.7	19.5	53	3	940	0.56	1.0

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2 values from load allocation
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4 =EC * 0.0006 (EC to boron relationship)
5 = (Column C - Column E) * 52 mg/L * *cf*
6 = (Column C - Column E) * (189 - 52 mg/L) * *cf*
7 = Column G + Column H + Column I + Column J
8 = Column F - Column L

cf (conversion factor) = 0.00136

TMDL Linkage Analysis

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Month - Year	Year-type	Vernalis Q[1] (TAF)	Groundwater Q[2] (TAF)	Salinity Water Quality Objective (µ/S/cm)	Total Assimilative Capacity (1000 tons)	Groundwater Salt Load[2] (1000 tons)	Background Salt Load[2,5] (1000 tons)	CUA Load[6] (1000 tons)	M&I Load[2] (1000 tons)	Load Allocations[2] (1000 tons)	sum of loads[7] (1000 tons)	Additional Assimilative Capacity[8] (1000 tons)	Calculated EC[3] (µS/cm)	Calculated boron conc. (mg/L)	Boron water quality objective[4] (mg/L)
Feb-90	C	65	6	1,000	54	15	4.1	10.9	2.7	15.6	48	6	890	0.53	1.0
Mar-90	C	78	14	1,000	65	30	4.5	11.9	2.7	11.7	61	4	940	0.57	1.0
Apr-90	C	104	15	700	60	32	6.3	16.6	1.3	0.0	56	4	650	0.39	0.8
May-90	C	91	17	700	53	36	5.2	13.8	1.3	0.0	56	-3	740	0.45	0.8
Jun-90	C	57	24	700	33	53	2.3	6.1	0.0	0.0	61	-28	1300	0.77	0.8
Jul-90	C	44	21	700	26	46	1.6	4.2	0.0	0.0	52	-26	1400	0.86	0.8
Aug-90	C	48	13	700	28	27	2.5	6.5	0.0	0.0	36	-8	900	0.54	0.8
Sep-90	C	71	7	1,000	59	16	4.5	11.8	2.7	17.8	53	6	900	0.54	1.0
Oct-90	C	77	6	1,000	64	13	5.0	13.2	2.7	29.4	63	1	990	0.59	1.0
Nov-90	C	71	6	1,000	59	14	4.6	12.0	2.7	25.0	58	1	990	0.59	1.0
Dec-90	C	69	7	1,000	57	15	4.4	11.5	2.7	23.4	57	0	1000	0.6	1.0
Jan-91	C	61	7	1,000	51	15	3.8	10.0	2.7	19.5	51	0	1000	0.6	1.0
Feb-91	C	56	6	1,000	46	15	3.5	9.2	2.7	15.6	46	0	990	0.59	1.0
Mar-91	C	141	14	1,000	117	30	9.0	23.6	2.7	11.7	77	40	660	0.4	1.0
Apr-91	C	136	15	700	79	32	8.6	22.6	1.3	0.0	65	14	580	0.35	0.8
May-91	C	113	17	700	66	36	6.8	17.9	1.3	0.0	62	4	660	0.4	0.8
Jun-91	C	61	24	700	35	53	2.6	6.8	0.0	0.0	62	-27	1200	0.74	0.8
Jul-91	C	45	21	700	26	46	1.7	4.4	0.0	0.0	52	-26	1400	0.84	0.8
Aug-91	C	45	13	700	26	27	2.3	6.0	0.0	0.0	35	-9	940	0.56	0.8
Sep-91	C	64	7	1,000	53	16	4.0	10.5	2.7	17.8	51	2	960	0.58	1.0
Oct-91	C	76	6	1,000	63	13	4.9	13.0	2.7	29.4	63	0	1000	0.6	1.0
Nov-91	C	81	6	1,000	67	14	5.3	13.9	2.7	25.0	61	6	910	0.54	1.0
Dec-91	C	70	7	1,000	58	15	4.4	11.7	2.7	23.4	57	1	980	0.59	1.0
Jan-92	C	67	7	1,000	56	15	4.2	11.2	2.7	19.5	53	3	950	0.57	1.0
Feb-92	C	128	6	1,000	106	15	8.6	22.6	2.7	15.6	65	41	610	0.37	1.0
Mar-92	C	119	14	1,000	99	30	7.4	19.6	2.7	11.7	71	28	720	0.43	1.0
Apr-92	C	128	15	700	74	32	8.0	21.1	1.3	0.0	62	12	580	0.35	0.8
May-92	C	102	17	700	59	36	6.0	15.8	1.3	0.0	59	0	700	0.42	0.8
Jun-92	C	36	24	700	21	53	0.8	2.2	0.0	0.0	56	-35	1900	1.1	0.8
Jul-92	C	40	21	700	23	46	1.3	3.5	0.0	0.0	51	-28	1500	0.92	0.8
Aug-92	C	38	13	700	22	27	1.8	4.7	0.0	0.0	34	-12	1100	0.65	0.8
Sep-92	C	60	7	1,000	50	16	3.7	9.8	2.7	17.8	50	0	1000	0.6	1.0
Oct-92	C	90	6	1,000	75	13	5.9	15.6	2.7	29.4	67	8	900	0.54	1.0
Nov-92	C	87	6	1,000	72	14	5.7	15.0	2.7	25.0	62	10	860	0.52	1.0
Dec-92	C	93	7	1,000	77	15	6.1	16.0	2.7	23.4	63	14	820	0.49	1.0
Jan-93	W	355	7	1,000	294	15	24.6	64.8	2.7	42.2	149	145	510	0.3	1.0
Feb-93	W	229	6	1,000	190	15	15.7	41.4	2.7	86.3	161	29	850	0.51	1.0
Mar-93	W	255	14	1,000	211	30	17.0	44.9	2.7	116.4	211	0	1000	0.6	1.0
Apr-93	W	283	15	700	164	32	19.0	50.0	1.3	61.7	164	0	700	0.42	0.8
May-93	W	310	17	700	180	36	20.7	54.6	1.3	67.3	180	0	700	0.42	0.8
Jun-93	W	327	24	700	190	53	21.4	56.4	0.0	0.0	131	59	480	0.29	0.8

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cf (conversion factor) = 0.00136

TMDL Linkage Analysis

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Month - Year	Year-type	Vernalis Q[1] (TAF)	Groundwater Q[2] (TAF)	Salinity Water Quality Objective (µ/S/cm)	Total Assimilative Capacity (1000 tons)	Groundwater Salt Load[2] (1000 tons)	Background Salt Load[2,5] (1000 tons)	CUA Load[6] (1000 tons)	M&I Load[2] (1000 tons)	Load Allocations[2] (1000 tons)	sum of loads[7] (1000 tons)	Additional Assimilative Capacity[8] (1000 tons)	Calculated EC[3] (µS/cm)	Calculated boron conc. (mg/L)	Boron water quality objective[4] (mg/L)
Jul-93	W	118	21	700	68	46	6.8	18.0	0.0	0.0	71	-3	730	0.44	0.8
Aug-93	W	111	13	700	64	27	6.9	18.3	0.0	5.1	57	7	620	0.37	0.8
Sep-93	W	122	7	1,000	101	16	8.1	21.3	2.7	43.9	92	9	910	0.55	1.0
Oct-93	W	256	6	1,000	212	13	17.7	46.5	2.7	97.8	178	34	840	0.5	1.0
Nov-93	W	109	6	1,000	90	14	7.3	19.1	2.7	43.7	87	3	960	0.58	1.0
Dec-93	W	91	7	1,000	75	15	5.9	15.6	2.7	35.8	75	0	990	0.6	1.0
Jan-94	C	85	7	1,000	70	15	5.5	14.5	2.7	19.5	57	13	810	0.49	1.0
Feb-94	C	113	6	1,000	94	15	7.5	19.8	2.7	15.6	61	33	650	0.39	1.0
Mar-94	C	92	14	1,000	76	30	5.5	14.5	2.7	11.7	64	12	840	0.5	1.0
Apr-94	C	155	15	700	90	32	9.9	26.1	1.3	0.0	69	21	540	0.32	0.8
May-94	C	152	17	700	88	36	9.5	25.1	1.3	0.0	72	16	570	0.34	0.8
Jun-94	C	90	24	700	52	53	4.6	12.2	0.0	0.0	70	-18	940	0.56	0.8
Jul-94	C	71	21	700	41	46	3.5	9.2	0.0	0.0	59	-18	1000	0.6	0.8
Aug-94	C	66	13	700	38	27	3.8	9.9	0.0	0.0	41	-3	750	0.45	0.8
Sep-94	C	84	7	1,000	70	16	5.4	14.3	2.7	17.8	56	14	800	0.48	1.0

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