

From: Hinojosa, Tracy@DWR <Tracy.Hinojosa@water.ca.gov>

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To: Ekdahl, Erik@Waterboards <Erik.Ekdahl@waterboards.ca.gov>

Cc: Foresman, Erin@Waterboards <Erin.Foresman@Waterboards.ca.gov>; Riddle, Diane@Waterboards <Diane.Riddle@waterboards.ca.gov>; Frazier, Scott@Waterboards <scott.frazier@waterboards.ca.gov>; Hunt, Thaddeus@Waterboards <Thaddeus.Hunt@waterboards.ca.gov>; Holland, Matthew@Waterboards <Matthew.Holland@waterboards.ca.gov>; Leahy, Tina@Waterboards <Tina.Leahy@Waterboards.ca.gov>; Heinrich, Dana@Waterboards <Dana.Heinrich@waterboards.ca.gov>; Aufdemberge, Amy L <Amy.Aufdemberge@sol.doi.gov>; Dave Mooney <Dmmooney@usbr.gov>; Leahigh, John@DWR <John.Leahigh@water.ca.gov>; Mizell, Tripp (James)@DWR <James.Mizell@water.ca.gov>; Fock, Anna@DWR <Anna.Fock@water.ca.gov>; White, Molly@DWR <Molly.White@water.ca.gov>; Nickels, Adam M <ANickels@usbr.gov>; Kiteck, E <ekiteck@usbr.gov>; White, Kristin N. <knwhite@usbr.gov>

Subject: Electronic Transmittal: Operations Outlook for TUC Order Condition 9

EXTERNAL:

The Department of Water Resources (DWR) and U.S. Bureau of Reclamation (Reclamation) are providing the attached Operations Outlook for March, in response to Condition 9 of the Temporary Urgency Change Order (TUCO) issued on February 21, 2023 and modified on March 9, 2023.

This Outlook will also be posted to DWR's website under the Hydroclimate and Water Supply tab on DWR's Drought Preparedness web page.

Please contact me if you have questions.

--Tracy

Tracy Hinojosa

Compliance Coordination

SWP Operations Control Office

☎ 916-574-2333 (office)

☎ 916-915-7519 (mobile)

2023 Operations Outlook (based on March projections)

Accretions / Depletions (Condition 9b.)

Values in TAF	February	March	April	May	June	July	August	September
Sacramento Valley	611	1700	250	30	-140	-240	-130	60
Net Delta Consumptive Use	47	1	71	133	219	267	232	147

Note: June-July Sac Valley values are negative to represent Depletion

Deliveries (Condition 9c.&9d.)

Values in TAF	February	March	April	May	June	July	August	September	Basis of Water Right or Contractual Agreement
SWP - Feather River Service Area	0	0	73	180	181	189	146	52	A005630, A014443, Feather River Settlement Agreements
SWP - North of Delta Contract Deliveries	0	0	4	3	3	2	3	1	A016950, A016952, A017514A, A021443
SWP - South of Delta Contract Deliveries	34	41	45	75	112	124	114	115	A005630, A014443, A014445A, A017512, A025435, A025511, A025988, A026058
CVP - Settlement Contractors	0	0	235	36	379	410	326	191	This is based on a 100% non-critical determination with deliveries beginning in April. Note that 105,895 AF is scheduled for October, which rounds out the 2.11 million acre-feet of potential use under the Settlement Contracts.
CVP - Sacramento River Agricultural Water Service Contractors	2	0	0	0	0	0	0	0	It is too early to schedule, and there is too much uncertainty given the IOP. Contractors have been told not to schedule water from storage, thus current planning has them scheduling 0 across the board.
CVP - Sacramento River Municipal and Industrial Contractors	0.7	1.6	1.6	1.6	1.6	1.6	1.6	1.6	These estimates are very preliminary, averaged over the time frame from a 75% initial allocation.
CVP - American River Municipal and Industrial Contractors	0	3	3	4	5	6	6	5	75% initial M&I allocation, no PHS currently requested. Requests due March 15.
CVP - Contra Costa Water District	2	TBD	TBD	TBD	TBD	TBD	TBD	TBD	Area Office is reporting that schedules for March through September have not been supplied. Note that initial allocation is 75% for M&I.
CVP - North of Delta Refuges	1	2	2	7	10	11	14	21	Includes water to be exchanged with DWR for Gray Lodge.
CVP - Exchange Contractors	10,588	TBD	TBD	TBD	TBD	TBD	TBD	TBD	Area Office will not report schedules, only actuals received. Non-Critical years 100% contract total.
CVP - South of Delta Agricultural Water Service Contractors	0	TBD	TBD	TBD	TBD	TBD	TBD	TBD	Allocations have been increased to 80%. Area Office will not report schedules, only actuals received.
CVP - South of Delta Municipal and Industrial Service Contractors	0	TBD	TBD	TBD	TBD	TBD	TBD	TBD	Initial Allocation 75%. Area Office will not provide schedules, only actuals received.
CVP - South of Delta Refuges	11.9	NR	NR	NR	NR	NR	NR	NR	Area Office will not provide schedules, only actuals for February.
CVP - OID & SSJD (Stanislaus Basin) Water Right holders	0	NR	NR	NR	NR	NR	NR	NR	1988 Operations Agreement - Currently not reporting on schedules.
CVP - New Melones East Side Division Water Service Contractors (Stockton East, Central San Joaquin Water Conservation District)	0	5	10	19	24	25	25	21	Per Eastside Division Shortage Policy, Contractors' allocation is 100% based on San Joaquin River Index.
CVP Friant Unit Class I	87.917	TBD	TBD	TBD	TBD	TBD	TBD	TBD	Friant Allocation 100% Class 1 up to 800 TAF 70% Class 2 uncontrolled season

Delta Flows (Condition 9b.)

Values in cfs or TAF	February	March	April	May	June	July	August	September
Delta Inflow at Freeport (cfs)	19507	57735	12683	13678	12428	16394	18784	16436
Net Delta Outflow Index (cfs)	18018	69026	18683	15184	10102	6493	5131	4107
SJR at Vernalis Flow (cfs)	4021	20324	13167	11216	6800	6100	1800	1800
CVP Export (TAF)	204	258	274	287	202	283	283	274
SWP Export (TAF)	197	341	105	194	135	441	441	427

Transfers (Condition 9e.)

Values in TAF	February	March	April	May	June	July	August	September
NOD to SOD (estimated)	N/A	N/A	N/A	N/A	N/A	TBD	TBD	TBD
Water del by or from SWP facilities in lieu of/in exch for GW or surf water	60	87	6	10	15	14	16	22
Water del by or from CVP facilities in lieu of/in exch for GW or surf water	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD

Reservoir Inflow (Condition 9a.)

Values in TAF	February	March	April	May	June	July	August	September
Trinity	61	150	244	249	84	30	10	10
Whiskeytown	22	40	25	16	8	3	2	2
Shasta	325	1100	440	340	230	190	160	155
Folsom	283	850	400	420	250	120	120	105
New Melones	123	260	170	280	220	80	50	45
Oroville	331	1217	593	506	256	140	97	113

Reservoir Releases (Condition 9a.)

Values in TAF	February	March	April	May	June	July	August	September
Shasta Release to Sac River	184	200	238	387	449	559	492	357
Folsom Release to American River	217	596	268	307	268	327	329	122
New Melones to Stanislaus River	15	93	83	96	56	18	18	18
Oroville	54	991	62	173	202	455	473	439

Reservoir End-of-Month Storage (Condition 9a.)

Values in TAF	February	March	April	May	June	July	August	September
Trinity	799	929	1064	1050	990	937	879	824
Shasta	2747	3676	3868	3810	3576	3187	2838	2624
Folsom	552	798	911	963	927	702	473	443
New Melones	1098	1235	1239	1324	1384	1346	1290	1260
Oroville	2576	2800	3255	3402	3269	2757	2228	1845
San Luis Reservoir	1561	1879	1808	1737	1239	982	914	1032

Monthly COA Balances (Condition 9f.)

Values in TAF	February	March	April	May	June	July	August	September
Monthly Balance	-1	-1	-1	0	0	0	0	0

San Luis Reservoir

Values in TAF	February	March	April	May	June	July	August	September
Total Pumping	288							
Total Generation	0							