

75 TAF supplement to 2E pulse flow during April and May; 10 TAF to SEWD from OID/SSJID; same upstream operation

90% Forecast – Alt

Version 2 - 75 Sup 2E Pulse | 10 SEWD

Stanislaus River - 2016 Year - 90% UF - 926,000 TAF Inflow

3-20-2016	Upstream Stanislaus				Tulloch Operation					Goodwin Operation					New Melones				
	Stanislaus Unimpaired	Upstr Storage	Upstr Regulation	NM Inflow	Tulloch Local	Tulloch Evap	Tulloch Storage	Tulloch Storage Trgt	Tulloch Release	Goodwin OID/SSJID	Goodwin CVP	Info 2E (cfs)	Fish Require	Fish Req - CFS	River Release	NM Release	NM Net Evap	NM Storage	NM Elev (FT)
Beginning		136					54.684	54.684										267	798
Oct 2015	14	110	25	40	-3.281	0.401	54.015	54.015	31.587	5.1		577	26.5	430	26.5	34.6	1.2	271	799
Nov	19	108	3	22	-3.600	0.169	54.289	54.289	21.497	0.3		200	21.2	357	21.2	25.5	0.5	267	798
Dec	45	100	8	53	4.330	0.091	55.812	55.812	12.716	0.0		200	12.7	207	12.7	10.0	0.3	310	811
Jan 2016	76	89	11	87	9.593	0.186	56.608	56.608	12.611	0.0		213	12.6	205	12.6	4.0	0.6	393	832
Feb	86	101	-12	74	2.079	0.196	54.567	54.567	12.532	0.9		214	11.6	202	11.6	8.6	0.8	458	848
Mar	241	160	-59	182	11.000	0.200	58.000	58.000	29.500	16.7		200	12.8	208	12.8	22.1	0.9	617	880
Apr - 1	83	199	-39	44	0.200	0.250	58.000	58.000	40.554	35.0		200	5.6	200	5.6	40.6	1.2	619	881
Apr - 2	135	258	-59	76	0.200	0.350	61.000	61.000	101.544	41.0		688	60.5	1908	60.5	104.7	1.2	589	875
May - 1	126	304	-46	80	0.200	0.350	64.000	64.000	92.838	37.0		657	55.8	1877	55.8	96.0	1.2	571	872
May - 2	93	332	-28	65	0.200	0.400	65.000	65.000	41.760	37.0		150	4.8	150	4.8	43.0	1.2	592	876
Jun	100	350	-18	82	0.400	1.000	66.000	66.000	90.925	79.0	3.0	150	8.9	150	8.9	92.5	2.0	580	873
Jul	20	330	20	40	0.400	1.000	66.000	66.000	110.225	97.0	4.0	150	9.2	150	9.2	110.8	2.0	507	859
Aug	8	294	36	44	0.400	0.950	65.000	65.000	100.225	88.0	3.0	150	9.2	150	9.2	99.8	2.0	449	846
Sep	3	260	34	37	0.400	0.700	62.000	62.000	71.925	63.0		150	8.9	150	8.9	69.2	1.5	415	838
Oct				20	0.400	0.500	57.020	57.000	35.505	0.0		577	35.5	577	35.5	30.6	1.0	404	835
Nov				20	0.400	0.200	55.000	55.000	11.901	0.0		200	11.9	200	11.9	9.7	1.0	413	837
Dec				20	1.000	0.200	56.000	56.000	12.298	0.0		200	12.3	200	12.3	12.5	0.5	420	839
WY 2016	Approx 1,050			Approx 926	Approx 23					Approx 500	10		Approx 260		Approx 260		Approx 17		
NMI:	1,107																		1,000 acre-feet unless noted

75% Forecast – Alt

Version 2 - 75 Sup 2E Pulse | 10 SEWD

Stanislaus River - 2016 Year - 75% UF - 996,000 TAF Inflow

3-20-2016	Upstream Stanislaus				Tulloch Operation					Goodwin Operation					New Melones			
	Stanislaus Unimpaired	Upstr Storage	Upstr Regulation	NM Inflow	Tulloch Local	Tulloch Evap	Tulloch Storage	Tulloch Release	Goodwin OID/SSJID	Goodwin CVP	Info 2E (cfs)	Fish Require	Fish Req - CFS	River Release	NM Release	NM Net Evap	NM Storage	NM Elev (FT)
Beginning		136					54.684										267	798
Oct 2015	14	110	25	40	-3.281	0.401	54.015	31.587	5.1		577	26.5	430	26.5	34.6	1.2	271	799
Nov	19	108	3	22	-3.600	0.169	54.289	21.497	0.3		200	21.2	357	21.2	25.5	0.5	267	798
Dec	45	100	8	53	4.330	0.091	55.812	12.716	0.0		200	12.7	207	12.7	10.0	0.3	310	811
Jan 2016	76	89	11	87	9.593	0.186	56.608	12.611	0.0		213	12.6	205	12.6	4.0	0.6	393	832
Feb	86	101	-12	74	2.079	0.196	54.567	12.532	0.9		214	11.6	202	11.6	8.6	0.8	458	848
Mar	241	160	-59	182	11.000	0.200	58.000	29.500	16.7		200	12.8	208	12.8	22.1	0.9	617	880
Apr - 1	86	201	-42	44	0.200	0.250	58.000	40.554	35.0		200	5.6	200	5.6	40.6	1.2	619	881
Apr - 2	139	260	-59	80	0.200	0.350	61.000	101.544	41.0		688	60.5	1908	60.5	104.7	1.2	594	876
May - 1	144	309	-49	95	0.200	0.350	64.000	92.838	37.0		657	55.8	1877	55.8	96.0	1.2	591	876
May - 2	106	334	-25	81	0.200	0.400	65.000	41.760	37.0		150	4.8	150	4.8	43.0	1.2	628	883
Jun	125	350	-15	110	0.400	1.000	66.000	90.925	79.0	3.0	150	8.9	150	8.9	92.5	2.0	643	885
Jul	25	331	19	44	0.400	1.000	66.000	110.225	97.0	4.0	150	9.2	150	9.2	110.8	2.0	574	872
Aug	9	294	37	46	0.400	0.950	65.000	100.225	88.0	3.0	150	9.2	150	9.2	99.8	2.0	518	861
Sep	4	260	34	38	0.400	0.700	62.000	71.925	63.0		150	8.9	150	8.9	69.2	1.5	485	854
Oct				20	0.400	0.500	57.020	35.505	0.0		577	35.5	577	35.5	30.6	1.0	474	851
Nov				20	0.400	0.200	55.000	11.901	0.0		200	11.9	200	11.9	9.7	1.0	483	853
Dec				20	1.000	0.200	56.000	12.298	0.0		200	12.3	200	12.3	12.5	0.5	490	855
WY 2016	Approx 1,120			Approx 996	Approx 23				Approx 500	10		Approx 260		Approx 260		Approx 17		
NMI:	1,177																	1,000 acre-feet unless noted

50% Forecast – Alt

Version 2 - 75 Sup 2E Pulse | 10 SEWD

Stanislaus River - 2016 Year - 50% UF - 1076,000 TAF Inflow

3-20-2016	Upstream Stanislaus				Tulloch Operation				Goodwin Operation						New Melones			
	Stanislaus Unimpaired	Upstr Storage	Upstr Regulation	NM Inflow	Tulloch Local	Tulloch Evap	Tulloch Storage	Tulloch Release	Goodwin OID/SSJID	Goodwin CVP	Info 2E (cfs)	Fish Require	Fish Req - CFS	River Release	NM Release	NM Net Evap	NM Storage	NM Elev (FT)
Beginning		136					54.684										267	798
Oct 2015	14	110	25	40	-3.281	0.401	54.015	31.587	5.1		577	26.5	430	26.5	34.6	1.2	271	799
Nov	19	108	3	22	-3.600	0.169	54.289	21.497	0.3		200	21.2	357	21.2	25.5	0.5	267	798
Dec	45	100	8	53	4.330	0.091	55.812	12.716	0.0		200	12.7	207	12.7	10.0	0.3	310	811
Jan 2016	76	89	11	87	9.593	0.186	56.608	12.611	0.0		213	12.6	205	12.6	4.0	0.6	393	832
Feb	86	101	-12	74	2.079	0.196	54.567	12.532	0.9		214	11.6	202	11.6	8.6	0.8	458	848
Mar	243	161	-60	183	11.000	0.200	58.000	29.500	16.7		200	12.8	208	12.8	22.1	0.9	617	881
Apr - 1	108	213	-52	56	0.200	0.250	58.000	40.554	35.0		200	5.6	200	5.6	40.6	1.2	632	883
Apr - 2	132	267	-54	78	0.200	0.350	61.000	101.544	41.0		688	60.5	1908	60.5	104.7	1.2	604	878
May - 1	160	322	-54	106	0.200	0.350	64.000	92.838	37.0		657	55.8	1877	55.8	96.0	1.2	612	880
May - 2	120	350	-29	91	0.200	0.400	65.000	41.760	37.0		150	4.8	150	4.8	43.0	1.2	659	888
Jun	150	351	-1	149	0.400	1.000	66.000	90.925	79.0	3.0	150	8.9	150	8.9	92.5	2.0	714	898
Jul	30	333	18	48	0.400	1.000	66.000	110.225	97.0	4.0	150	9.2	150	9.2	110.8	2.0	649	887
Aug	11	296	37	48	0.400	0.950	65.000	100.225	88.0	3.0	150	9.2	150	9.2	99.8	2.0	595	876
Sep	5	260	36	41	0.400	0.700	62.000	71.925	63.0		150	8.9	150	8.9	69.2	1.5	566	871
Oct				20	0.400	0.500	57.020	35.505	0.0		577	35.5	577	35.5	30.6	1.0	554	868
Nov				20	0.400	0.200	55.000	11.901	0.0		200	11.9	200	11.9	9.7	1.0	563	870
Dec				20	1.000	0.200	56.000	12.298	0.0		200	12.3	200	12.3	12.5	0.5	570	872
WY 2016	Approx 1,200			Approx 1,076	Approx 23				Approx 500	10		Approx 260		Approx 260		Approx 17		
NMI:	1,257																	1,000 acre-feet unless noted