

CSPA Temperature Management Plan Spreadsheet 5/23/21

Storages Shasta/Trinity End of the Month Storage (TAF)

	Apr	May	Jun	Jul	Aug	Sep	Oct
BOR 5/5 Shasta Storage EOM	2343	2174	1923	1566	1303	1230	1191
BOR 5/5 TMP with April-May adjustments carried through October	2290	1975	1724	1367	1104	1031	992
CSPA Proposed		1975	1858	1689	1516	1353	1244
BOR 5/5 Trinity Storage EOM	1336	1256	1116	968	813	660	613
CSPA Proposed			1195	1126	1052	979	945

Monthly Dam Releases

Spring Creek PH ave daily cfs							
BOR 5/5 TMP	250	250	1500	1833	1500	1500	750
CSPA Proposed		250	0	0	0	0	0

Clear Creek Release ave daily cfs

BOR 5/5 TMP	200	335	190	150	150	150	200
CSPA Proposed		335	300	300	300	300	300

Trinity River Release ave daily cfs

BOR 5/5 TMP	600	1498	783	450	857	870	373
CSPA Proposed		1498	850	800	850	870	800

Trinity Savings cfs			1323	1333	1357	1350	223	TOTAL
CSPA Trinity savings acre-feet		0	78724	79319	80747	80331	13269	332390

Keswick Dam Release ave daily cfs

BOR 5/5 TMP	5900	8900	8750	10000	8000	5000	4570
CSPA Proposed	5900	8900	5000	5000	5000	5000	5000

Shasta Dam Release ave daily cfs/ monthly total acre-feet

BOR 5/5 TMP Shasta Release cfs	5900	8100	7250	8167	6500	3500	3820	
CSPA Proposed Shasta Release cfs	5900	8100	5000	5000	5000	5000	5000	TOTAL
BOR 5/5 TMP Shasta release monthly acre-feet		498050	431405	502169	399669	208264	234883	2274440
CSPA TMP Shasta release monthly acre-feet		498050	297521	307438	307438	297521	307438	2015405
CSPA Proposed Sac. R. @ Clear Creek cfs	6100	9235	5300	5300	5300	5300	5300	
CSPA Shasta savings cfs		0	2250	3167	1500	-1500	-1180	TOTAL
CSPA Shasta savings acre-feet		0	133884	188450	89256	-89256	-70215	252119

Notes:

Numbers in red are actual April or May values through May 23, extrapolated to May 31. BOR 5/5 TMP did not propose these releases. Numbers in blue reflect adjustments made to the BOR 5/5 TMP in order to reflect actual releases.

Rows 6 and 7, Column C: At current trajectory, end of May Shasta storage in BOR 5/5 TMP (Cell C5) is 199 TAF higher than actual. Rows 6 and 7 reduce BOR 5/5 TMP end of May storage by 199 TAF and apply equally to the BOR 5/5 TMP and the CSPA TMP.

Rows 14 and 15, Column C: BOR power experiment diverged from projected releases through 5/20. 5/21-31 releases unknown.

Row 24: Trinity savings is the calculated estimate of reduced flow from Whiskeytown to the Sacramento River via Spring Creek Powerhouse or Clear Creek release. Reduced export to Sacramento is available for Trinity Lake storage or release to Trinity River.

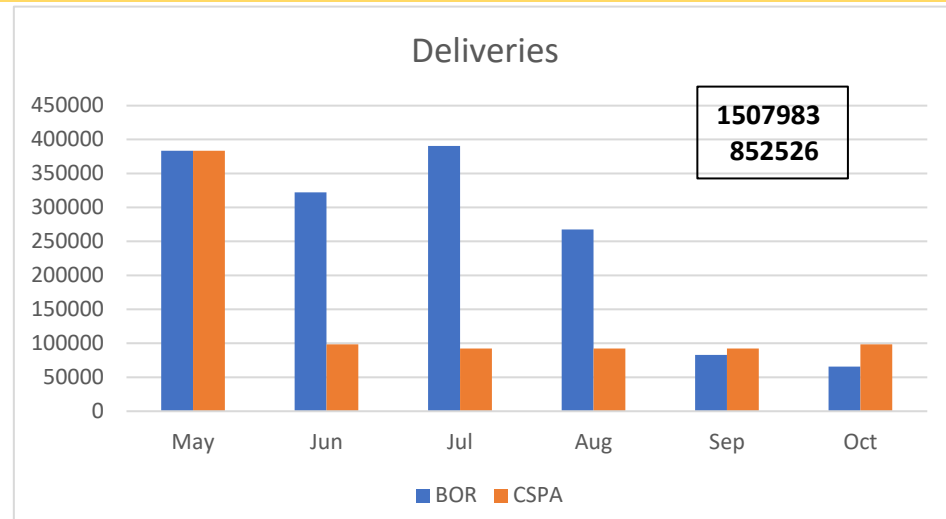
Row 29: CSPA TMP Shasta release assumes 25% blend of non-cold-water-pool volume; end of April Shasta cold water pool was 1.3 MAF.

Rows 28 and 29, 31 and 32, Column C: Discrepancy in CDEC reporting between Shasta release and Keswick release in May has unclear origin. Spring Creek Powerhouse releases in May averaged less than 60 cfs as of 5/22 and do not account for difference.

Rows 60 and 61: Total deliveries (below) do not account for April deliveries, channel losses, or unauthorized diversions.

Charts

		May	Jun	Jul	Aug	Sep	Oct	TOTAL
BOR 5/5 TMP Deliveries acre-feet	BOR	383375	322195	390446	267471	83008	65792	1512288
CSPA Proposed Deliveries acre-feet	CSPA	383375	98380	92231	92231	92231	98380	856830



Proposed End of Month Storage (TAF)

	Apr	May	Jun	Jul	Aug	Sep	Oct
BOR 5/5 TMP Shasta Storage EOM	2290	1975	1724	1367	1104	1031	992
CSPA Proposed Shasta Storage EOM		1975	1858	1689	1516	1353	1244
BOR 5/5 TMP Trinity Storage EOM	1336	1256	1116	968	813	660	613
CSPA Proposed Trinity Storage EOM			1195	1126	1052	979	945

