

**Estimated CVP Operations 90% Exceedance**

**Storages**

**Federal End of the Month Storage/Elevation (TAF/Feet)**

Facility	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May
<b>Trinity</b>	<b>2119</b>	<b>2043</b>	<b>1907</b>	<b>1779</b>	<b>1650</b>	<b>1627</b>	<b>1623</b>	<b>1644</b>	<b>1656</b>	<b>1692</b>	<b>1756</b>	<b>1830</b>	<b>1782</b>
Elevation		2344	2334	2325	2315	2313	2313	2315	2316	2319	2323	2329	2325
<b>Whiskeytown</b>	<b>240</b>	<b>238</b>	<b>238</b>	<b>238</b>	<b>238</b>	<b>206</b>	<b>206</b>	<b>206</b>	<b>206</b>	<b>206</b>	<b>206</b>	<b>238</b>	<b>238</b>
Elevation		1209	1209	1209	1209	1199	1199	1199	1199	1199	1199	1209	1209
<b>Shasta</b>	<b>4298</b>	<b>4041</b>	<b>3435</b>	<b>2991</b>	<b>2690</b>	<b>2565</b>	<b>2574</b>	<b>2646</b>	<b>2717</b>	<b>2844</b>	<b>3083</b>	<b>3096</b>	<b>2834</b>
Elevation		1049	1026	1007	994	987	988	991	995	1001	1011	1012	1000
<b>Folsom</b>	<b>938</b>	<b>861</b>	<b>631</b>	<b>447</b>	<b>435</b>	<b>380</b>	<b>330</b>	<b>301</b>	<b>287</b>	<b>334</b>	<b>445</b>	<b>592</b>	<b>705</b>
Elevation		455	432	410	408	400	392	387	385	393	409	428	440
<b>New Melones</b>	<b>2096</b>	<b>2045</b>	<b>1986</b>	<b>1930</b>	<b>1886</b>	<b>1822</b>	<b>1828</b>	<b>1836</b>	<b>1841</b>	<b>1843</b>	<b>1863</b>	<b>1795</b>	<b>1728</b>
Elevation		1056	1051	1046	1042	1036	1036	1037	1037	1038	1040	1033	1027
<b>Federal San Luis</b>	<b>783</b>	<b>594</b>	<b>379</b>	<b>274</b>	<b>263</b>	<b>273</b>	<b>335</b>	<b>500</b>	<b>668</b>	<b>625</b>	<b>586</b>	<b>483</b>	<b>270</b>
Elevation													
<b>Total</b>	<b>10474</b>	<b>9822</b>	<b>8575</b>	<b>7659</b>	<b>7161</b>	<b>6872</b>	<b>6896</b>	<b>7133</b>	<b>7374</b>	<b>7544</b>	<b>7939</b>	<b>8034</b>	<b>7557</b>

**State End of the Month Reservoir Storage (TAF/Feet)**

Facility	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May
<b>Oroville</b>	<b>3532</b>	<b>3370</b>	<b>2812</b>	<b>2289</b>	<b>1857</b>	<b>1698</b>	<b>1611</b>	<b>1583</b>	<b>1603</b>	<b>1705</b>	<b>1876</b>	<b>2055</b>	<b>2029</b>
Elevation		889	851	809	769	752	743	740	742	753	771	788	785
<b>State San Luis</b>	<b>428</b>	<b>312</b>	<b>439</b>	<b>621</b>	<b>859</b>	<b>856</b>	<b>945</b>	<b>1031</b>	<b>1079</b>	<b>1075</b>	<b>1171</b>	<b>1107</b>	<b>958</b>
Elevation													NA
<b>Total San Luis (TAF)</b>	<b>1211</b>	<b>906</b>	<b>818</b>	<b>895</b>	<b>1122</b>	<b>1129</b>	<b>1279</b>	<b>1531</b>	<b>1747</b>	<b>1699</b>	<b>1756</b>	<b>1590</b>	<b>1228</b>
Elevation		443	434	442	465	465	480	502	520	516	521	507	473

**Monthly River Releases (TAF/cfs)**

Facility	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May
<b>Trinity</b>		107	45	53	52	23	18	18	18	17	18	32	180
cfs		1,800	735	857	870	373	300	300	300	300	300	540	2,924
<b>Clear Creek</b>		13	9	9	9	12	12	12	12	11	22	12	18
cfs		224	150	150	150	200	200	200	200	200	363	200	296
<b>Sacramento</b>		565	861	676	535	369	238	246	246	250	277	428	590
cfs		9500	14000	11000	9000	6000	4000	4000	4000	4500	4500	7200	9600
<b>American</b>		223	320	271	90	96	93	92	77	56	61	59	61
cfs		3750	5200	4402	1505	1560	1566	1500	1250	1001	1000	1000	1000
<b>Stanislaus</b>		89	15	15	15	48	12	12	14	12	12	46	39
cfs		1500	250	250	250	774	200	200	226	221	200	767	631
<b>Feather</b>		246	467	467	488	172	104	108	108	97	108	104	108
cfs		4135	7600	7600	8200	2800	1750	1750	1750	1750	1750	1750	1750

**Trinity Diversions (TAF)**

Facility	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May
<b>Carr PP</b>		81	100	81	80	8	6	1	1	1	3	29	12
<b>Spring Crk. PP</b>		75	90	70	70	30	0	0	0	0	0	0	0

**Delta Summary (TAF)**

Facility/Location/Metric	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May
<b>Tracy</b>		224	255	265	244	154	152	225	225	51	70	48	49
<b>USBR Banks</b>		0	0	0	0	22	22	22	0	0	0	0	0
<b>Contra Costa</b>		10.0	11.0	12.0	13.0	14.0	14.0	14.0	13.0	14.0	12.0	12.0	12.0
<b>Total USBR</b>		234	266	277	257	190	188	261	238	65	82	60	61
<b>State Export</b>		106	386	413	398	149	205	160	155	97	183	42	43
<b>Total Export</b>		340	652	690	655	339	393	421	393	162	265	101	104
<b>COA Balance</b>		0	0	0	1	1	1	1	1	1	1	1	1
<b>Vernalis TAF</b>		149	54	52	57	107	74	75	77	82	98	103	100
<b>Vernalis cfs</b>		2509	884	852	956	1734	1242	1225	1251	1482	1599	1725	1631
<b>Old/Middle R. calc. cfs</b>		-3,862	-8,359	-8,849	-8,638	-4,056	-5,118	-5,312	-4,950	-2,170	-3,190	-1,124	-1,161
<b>Computed DOI cfs</b>		8959	8004	6539	7497	7499	4505	7288	8378	11400	11403	9514	7515
<b>Excess Outflow</b>		1076	0	0	0	0	0	2782	3872	0	0	17	16
<b>% Export/Inflow</b>		30%	45%	51%	51%	37%	54%	45%	44%	19%	27%	12%	13%
<b>% Export/Inflow std.</b>		35%	65%	65%	65%	65%	65%	65%	65%	45%	35%	35%	35%

**Hydrology**

Water Year Inflow (TAF)	Trinity	Shasta	Folsom	New Melones
Year to Date + Forecasted	1555	5,620	2,382	1060
% of mean	129%	101%	88%	100%

CVP actual operations do not follow any forecasted operation or outlook; actual operations are based on real-time conditions.  
 CVP operational forecasts or outlooks represent general system-wide dynamics and do not necessarily address specific watershed/tributary details.  
 CVP releases or export values represent monthly averages.  
 CVP Operations are updated monthly as new hydrology information is made available December through May.

**Estimated CVP Operations 50% Exceedance**

**Storages**

**Federal End of the Month Storage/Elevation (TAF/Feet)**

Facility	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May
<b>Trinity</b>	<b>2119</b>	<b>2056</b>	<b>1952</b>	<b>1820</b>	<b>1702</b>	<b>1651</b>	<b>1658</b>	<b>1696</b>	<b>1759</b>	<b>1871</b>	<b>1999</b>	<b>2103</b>	<b>2034</b>
Elevation	0	2345	2338	2328	2319	2315	2316	2319	2324	2332	2341	2348	2343
<b>Whiskeytown</b>	<b>240</b>	<b>238</b>	<b>238</b>	<b>238</b>	<b>238</b>	<b>206</b>	<b>206</b>	<b>206</b>	<b>206</b>	<b>206</b>	<b>206</b>	<b>238</b>	<b>238</b>
Elevation	N/A	1209	1209	1209	1209	1199	1199	1199	1199	1199	1199	1209	1209
<b>Shasta</b>	<b>4298</b>	<b>4026</b>	<b>3563</b>	<b>3206</b>	<b>2974</b>	<b>2898</b>	<b>2927</b>	<b>3033</b>	<b>3365</b>	<b>3654</b>	<b>3983</b>	<b>4164</b>	<b>4250</b>
Elevation	N/A	1049	1031	1017	1007	1003	1004	1009	1023	1035	1047	1054	1057
<b>Folsom</b>	<b>938</b>	<b>882</b>	<b>713</b>	<b>562</b>	<b>510</b>	<b>499</b>	<b>472</b>	<b>463</b>	<b>523</b>	<b>591</b>	<b>780</b>	<b>926</b>	<b>990</b>
Elevation	N/A	457	441	424	418	416	413	412	419	427	448	461	467
<b>New Melones</b>	<b>2096</b>	<b>2045</b>	<b>1993</b>	<b>1940</b>	<b>1897</b>	<b>1846</b>	<b>1858</b>	<b>1876</b>	<b>1910</b>	<b>1897</b>	<b>1897</b>	<b>1868</b>	<b>1933</b>
Elevation	N/A	1056	1052	1047	1043	1038	1039	1041	1044	1043	1043	1040	1046
<b>Federal San Luis</b>	<b>783</b>	<b>526</b>	<b>308</b>	<b>199</b>	<b>198</b>	<b>226</b>	<b>390</b>	<b>553</b>	<b>732</b>	<b>827</b>	<b>819</b>	<b>720</b>	<b>507</b>
Elevation	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
<b>Total</b>	<b>10474</b>	<b>9774</b>	<b>8768</b>	<b>7964</b>	<b>7518</b>	<b>7325</b>	<b>7511</b>	<b>7825</b>	<b>8496</b>	<b>9046</b>	<b>9684</b>	<b>10019</b>	<b>9952</b>

**State End of the Month Reservoir Storage (TAF/Feet)**

Facility	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May
<b>Oroville</b>	<b>3532</b>	<b>3372</b>	<b>2880</b>	<b>2432</b>	<b>1948</b>	<b>1707</b>	<b>1620</b>	<b>1592</b>	<b>1741</b>	<b>2092</b>	<b>2432</b>	<b>2854</b>	<b>3021</b>
Elevation	N/A	890	856	821	778	753	744	741	757	791	821	854	866
<b>State San Luis</b>	<b>428</b>	<b>352</b>	<b>472</b>	<b>611</b>	<b>846</b>	<b>965</b>	<b>1061</b>	<b>1061</b>	<b>1061</b>	<b>1062</b>	<b>1062</b>	<b>989</b>	<b>832</b>
Elevation	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
<b>Total San Luis (TAF)</b>	<b>1211</b>	<b>878</b>	<b>781</b>	<b>810</b>	<b>1044</b>	<b>1191</b>	<b>1452</b>	<b>1614</b>	<b>1793</b>	<b>1889</b>	<b>1881</b>	<b>1709</b>	<b>1339</b>
Elevation	N/A	440	430	433	457	471	495	509	524	532	531	517	485

**Monthly River Releases (TAF/cfs)**

Facility	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May
<b>Trinity</b>	<b>N/A</b>	<b>107</b>	<b>45</b>	<b>53</b>	<b>52</b>	<b>23</b>	<b>18</b>	<b>18</b>	<b>18</b>	<b>17</b>	<b>18</b>	<b>80</b>	<b>258</b>
cfs	N/A	1,800	735	857	870	373	300	300	300	300	300	1,347	4,189
<b>Clear Creek</b>	<b>N/A</b>	<b>14</b>	<b>9</b>	<b>9</b>	<b>9</b>	<b>12</b>	<b>12</b>	<b>12</b>	<b>12</b>	<b>11</b>	<b>22</b>	<b>12</b>	<b>18</b>
cfs	N/A	242	150	150	150	200	200	200	200	200	363	200	291
<b>Sacramento</b>	<b>N/A</b>	<b>565</b>	<b>738</b>	<b>615</b>	<b>476</b>	<b>369</b>	<b>268</b>	<b>277</b>	<b>277</b>	<b>472</b>	<b>492</b>	<b>428</b>	<b>400</b>
cfs	N/A	9500	12000	10000	8000	6000	4500	4500	4500	8500	8000	7200	6500
<b>American</b>	<b>N/A</b>	<b>202</b>	<b>267</b>	<b>246</b>	<b>137</b>	<b>92</b>	<b>119</b>	<b>123</b>	<b>92</b>	<b>194</b>	<b>123</b>	<b>280</b>	<b>400</b>
cfs	N/A	3400	4337	4000	2300	1503	2000	2000	1500	3500	2000	4700	6500
<b>Stanislaus</b>	<b>N/A</b>	<b>89</b>	<b>15</b>	<b>15</b>	<b>15</b>	<b>39</b>	<b>12</b>	<b>12</b>	<b>13</b>	<b>83</b>	<b>92</b>	<b>91</b>	<b>76</b>
cfs	N/A	1500	250	250	250	635	200	200	219	1500	1500	1537	1242
<b>Feather</b>	<b>N/A</b>	<b>272</b>	<b>450</b>	<b>448</b>	<b>561</b>	<b>255</b>	<b>104</b>	<b>108</b>	<b>129</b>	<b>97</b>	<b>108</b>	<b>104</b>	<b>123</b>
cfs	N/A	4572	7320	7287	9430	4150	1750	1750	2100	1750	1750	1750	2000

**Trinity Diversions (TAF)**

Facility	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May
<b>Carr PP</b>	<b>N/A</b>	<b>67</b>	<b>79</b>	<b>80</b>	<b>69</b>	<b>38</b>	<b>5</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>20</b>	<b>24</b>
<b>Spring Crk. PP</b>	<b>N/A</b>	<b>60</b>	<b>70</b>	<b>70</b>	<b>60</b>	<b>60</b>	<b>0</b>	<b>4</b>	<b>23</b>	<b>34</b>	<b>16</b>	<b>0</b>	<b>20</b>

**Delta Summary (TAF)**

Facility/Location/Metric	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May
<b>Tracy</b>	<b>N/A</b>	<b>230</b>	<b>265</b>	<b>265</b>	<b>251</b>	<b>175</b>	<b>258</b>	<b>225</b>	<b>240</b>	<b>193</b>	<b>106</b>	<b>57</b>	<b>58</b>
<b>USBR Banks</b>	<b>N/A</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Contra Costa</b>	<b>N/A</b>	<b>9.8</b>	<b>11.1</b>	<b>12.7</b>	<b>14.0</b>	<b>14.0</b>	<b>16.0</b>	<b>18.0</b>	<b>14.0</b>	<b>14.0</b>	<b>12.7</b>	<b>12.7</b>	<b>12.7</b>
<b>Total USBR</b>	<b>N/A</b>	<b>240</b>	<b>276</b>	<b>278</b>	<b>265</b>	<b>189</b>	<b>274</b>	<b>243</b>	<b>254</b>	<b>207</b>	<b>119</b>	<b>69</b>	<b>71</b>
<b>State Export</b>	<b>N/A</b>	<b>146</b>	<b>379</b>	<b>370</b>	<b>395</b>	<b>271</b>	<b>212</b>	<b>74</b>	<b>107</b>	<b>102</b>	<b>87</b>	<b>33</b>	<b>35</b>
<b>Total Export</b>	<b>N/A</b>	<b>386</b>	<b>655</b>	<b>648</b>	<b>660</b>	<b>460</b>	<b>486</b>	<b>317</b>	<b>361</b>	<b>309</b>	<b>206</b>	<b>102</b>	<b>106</b>
<b>COA Balance</b>	<b>N/A</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>-1</b>	<b>-1</b>	<b>-1</b>	<b>-1</b>	<b>-1</b>	<b>-1</b>	<b>-1</b>	<b>-1</b>
<b>Vernalis TAF</b>	<b>N/A</b>	<b>239</b>	<b>80</b>	<b>71</b>	<b>74</b>	<b>117</b>	<b>99</b>	<b>103</b>	<b>118</b>	<b>307</b>	<b>329</b>	<b>255</b>	<b>352</b>
<b>Vernalis cfs</b>	<b>N/A</b>	<b>4021</b>	<b>1307</b>	<b>1161</b>	<b>1242</b>	<b>1904</b>	<b>1662</b>	<b>1680</b>	<b>1927</b>	<b>5534</b>	<b>5355</b>	<b>4278</b>	<b>5718</b>
<b>Old/Middle R. calc. cfs</b>	<b>N/A</b>	<b>-3,774</b>	<b>-8,207</b>	<b>-8,181</b>	<b>-8,574</b>	<b>-5,495</b>	<b>-6,132</b>	<b>-3,805</b>	<b>-4,244</b>	<b>-2,385</b>	<b>-757</b>	<b>15</b>	<b>656</b>
<b>Computed DOI cfs</b>	<b>N/A</b>	<b>12271</b>	<b>8004</b>	<b>6621</b>	<b>8859</b>	<b>7499</b>	<b>5480</b>	<b>13177</b>	<b>17504</b>	<b>31608</b>	<b>31526</b>	<b>22273</b>	<b>25344</b>
<b>Excess Outflow</b>	<b>N/A</b>	<b>4387</b>	<b>0</b>	<b>81</b>	<b>1362</b>	<b>0</b>	<b>975</b>	<b>8670</b>	<b>11501</b>	<b>20207</b>	<b>20123</b>	<b>10876</b>	<b>17845</b>
<b>% Export/Inflow</b>	<b>N/A</b>	<b>29%</b>	<b>46%</b>	<b>49%</b>	<b>47%</b>	<b>43%</b>	<b>54%</b>	<b>26%</b>	<b>25%</b>	<b>15%</b>	<b>9%</b>	<b>6%</b>	<b>5%</b>
<b>% Export/Inflow std.</b>	<b>N/A</b>	<b>35%</b>	<b>65%</b>	<b>65%</b>	<b>65%</b>	<b>65%</b>	<b>65%</b>	<b>65%</b>	<b>65%</b>	<b>45%</b>	<b>35%</b>	<b>35%</b>	<b>35%</b>

**Hydrology**

	Trinity	Shasta	Folsom	New Melones
<b>Water Year Inflow (TAF)</b>	1560	5,706	2,407	1071
Year to Date + Forecasted % of mean	129%	103%	88%	101%

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