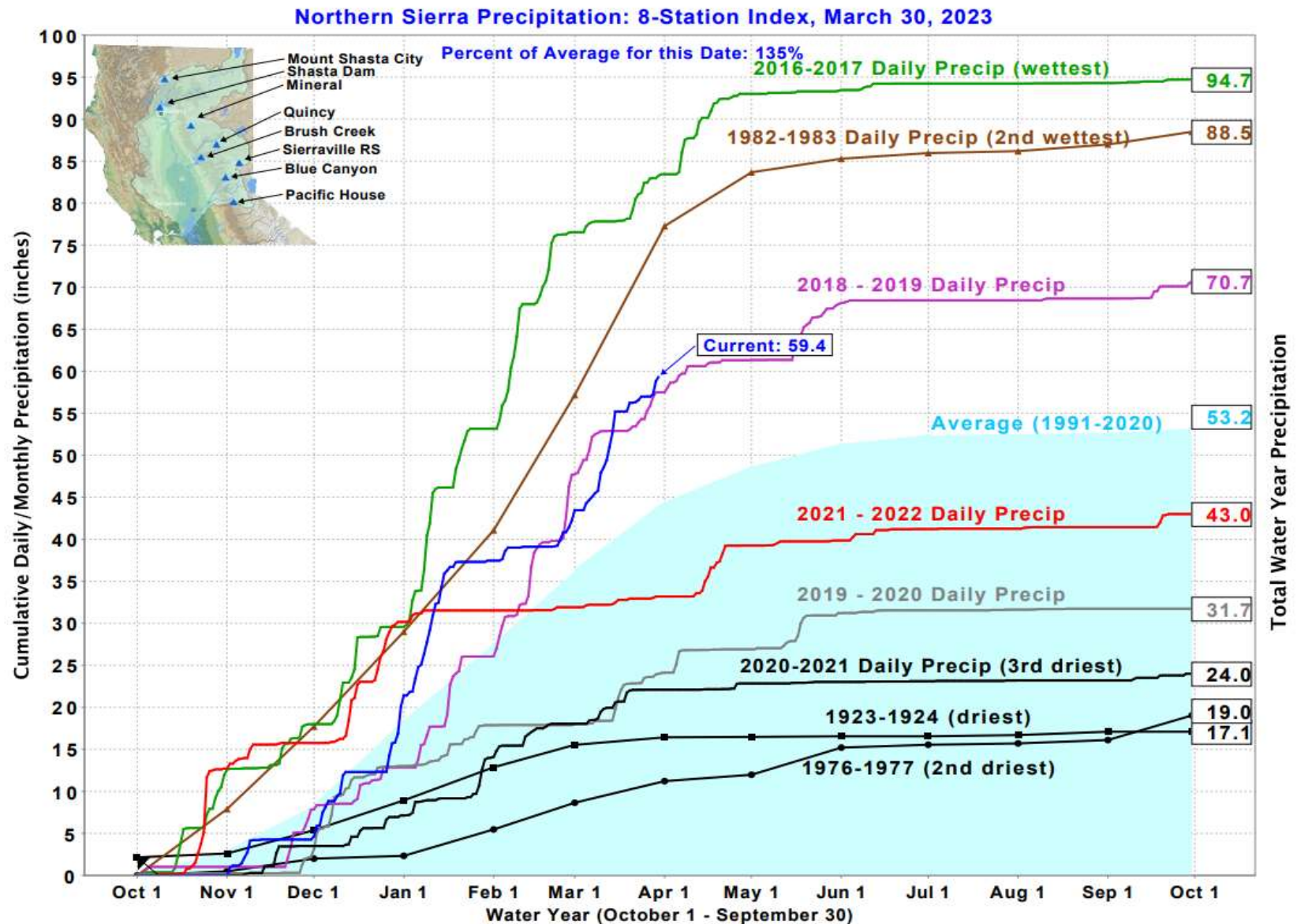


CVP Water Supply Briefing

March 31, 2023



Precipitation Index – Northern Sierra



Precipitation Index – Northern Sierra

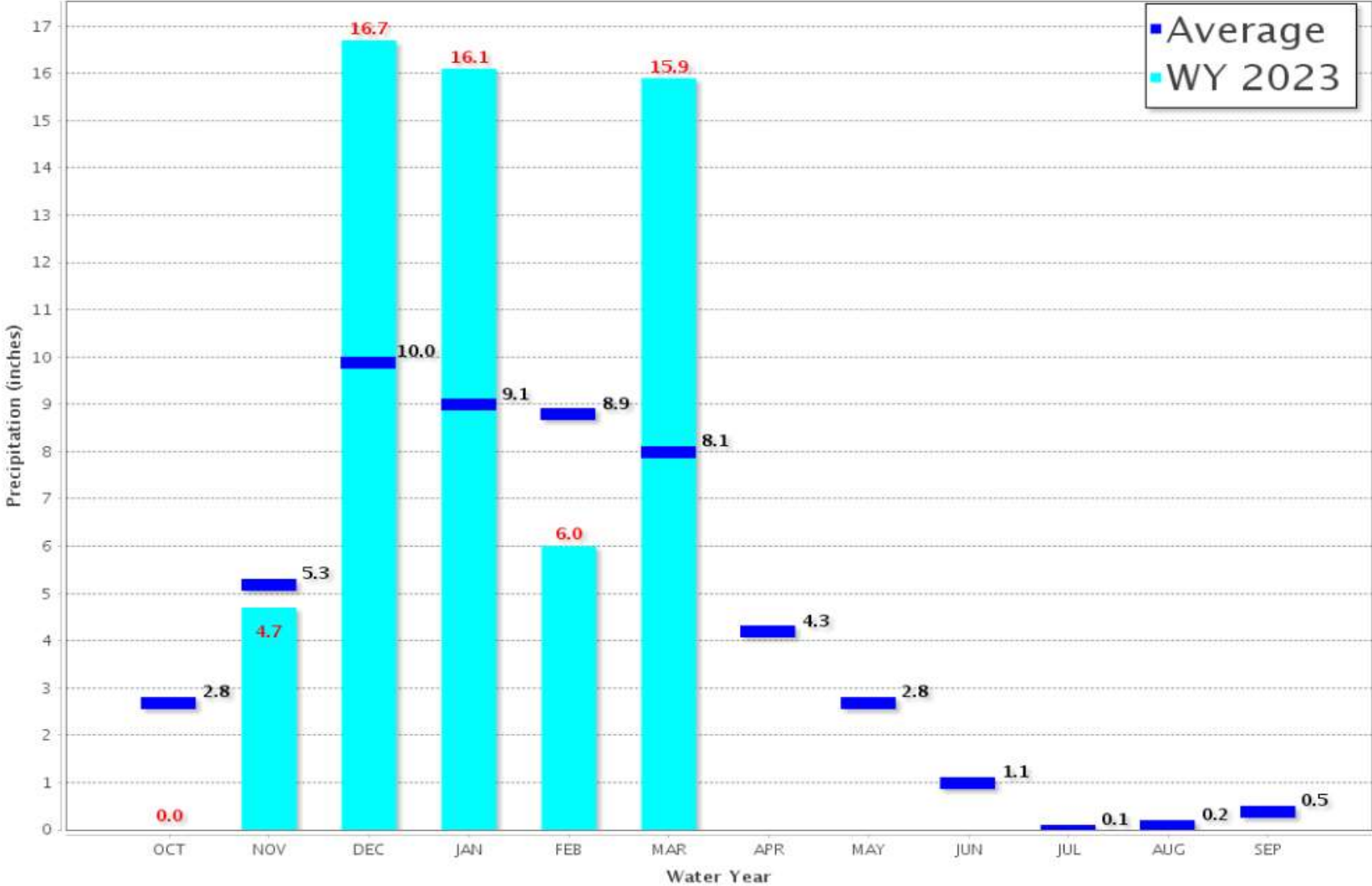


Northern Sierra 8-Station

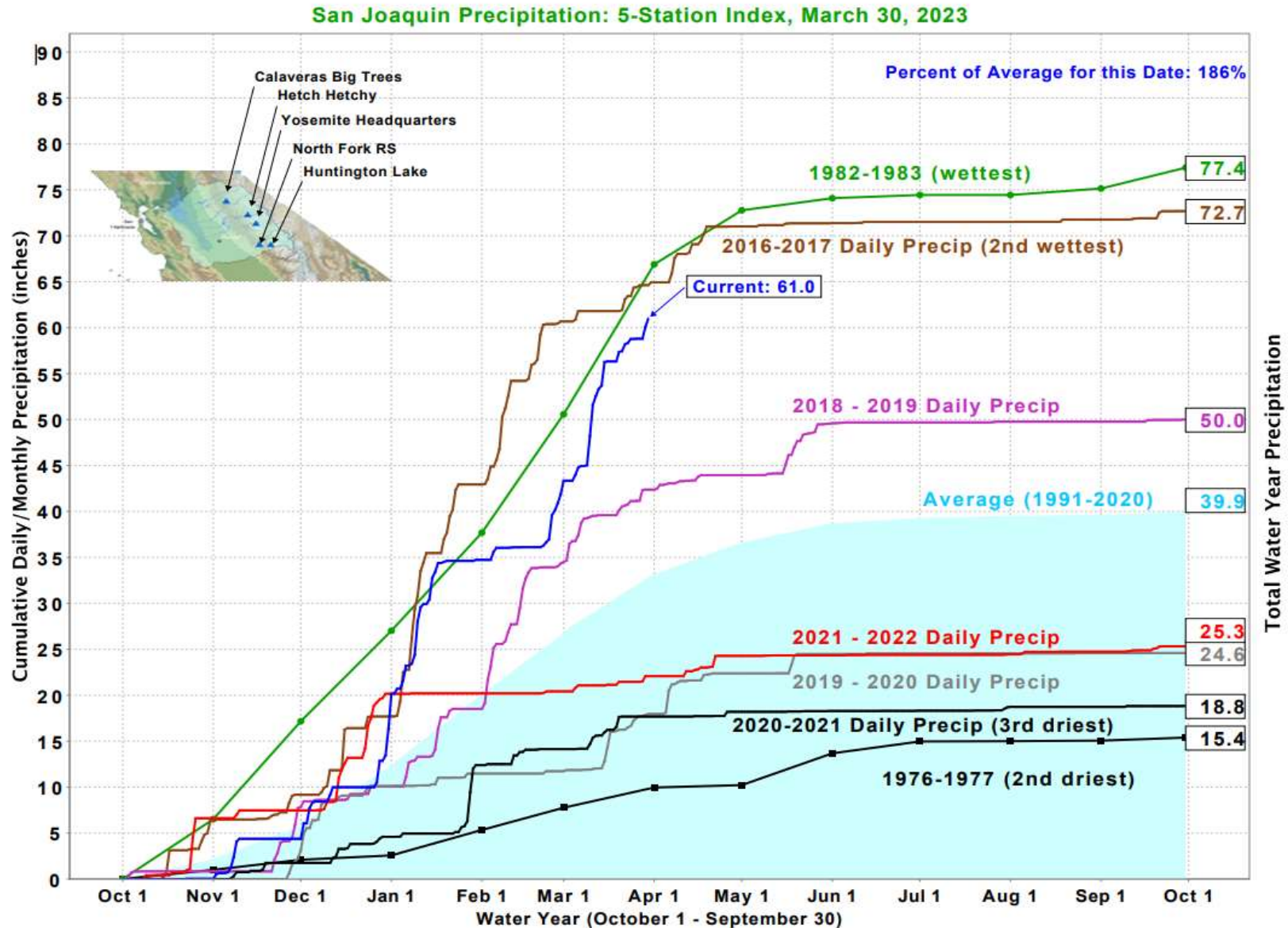
Precipitation Index for Water Year 2023 – Updated on March 30, 2023 12:48 PM

Note: Monthly totals may not add up to seasonal total because of rounding

Water Year Monthly totals are calculated based on Daily precipitation data from 12am to 12am PST



Precipitation Index – San Joaquin



Precipitation Index – San Joaquin

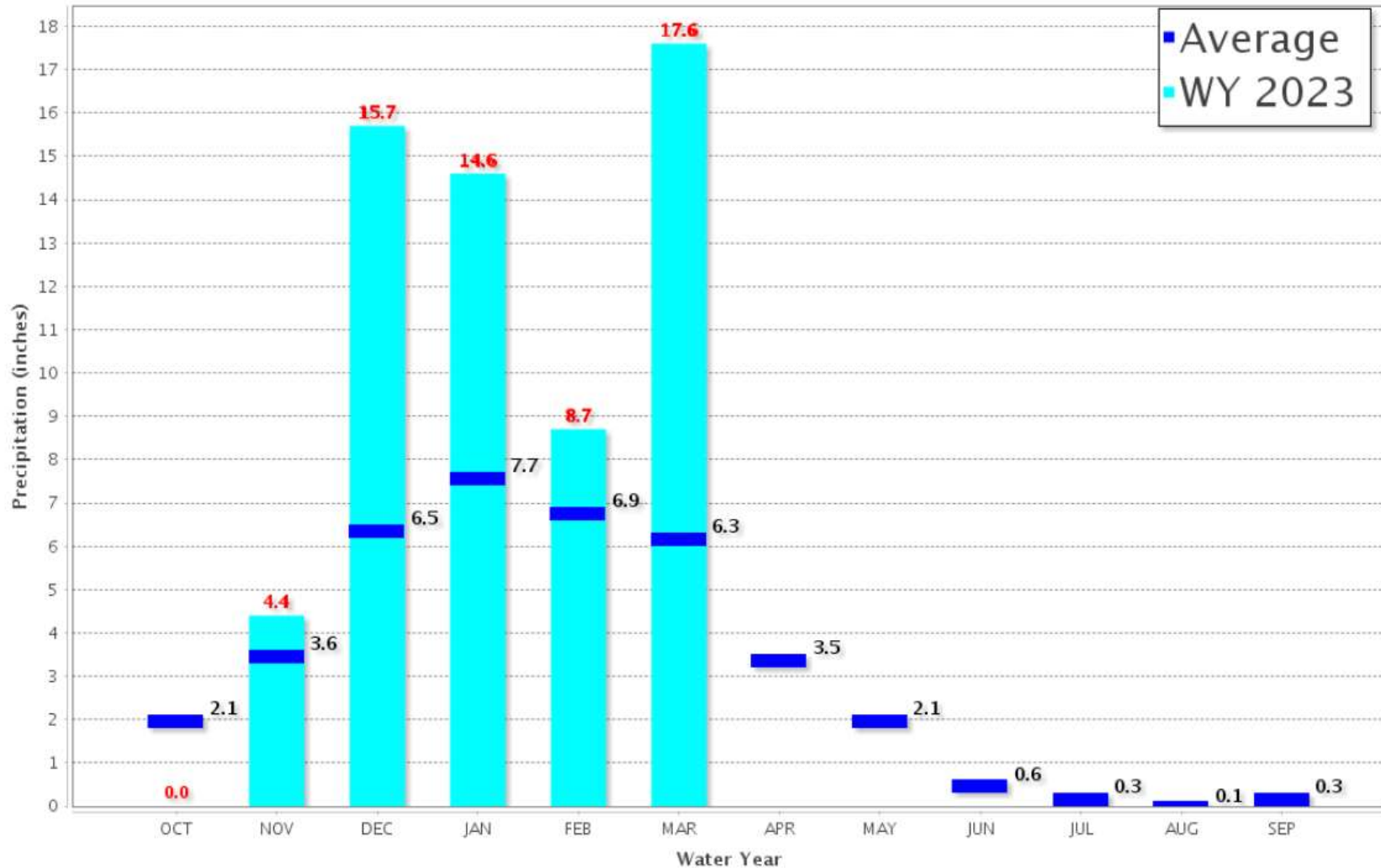


San Joaquin 5-Station

Precipitation Index for Water Year 2023 – Updated on March 30, 2023 12:48 PM

Note: Monthly totals may not add up to seasonal total because of rounding

Water Year Monthly totals are calculated based on Daily precipitation data from 12am to 12am PST



Current California Snowpack



STATEWIDE SNOW WATER CONTENT

CURRENT REGIONAL SNOWPACK FROM AUTOMATED SNOW SENSORS

% of April 1 Average / % of Normal for This Date



NORTH	
Data as of March 30, 2023	
Number of Stations Reporting	24
Average snow water equivalent (Inches)	56.8
Percent of April 1 Average (%)	191
Percent of normal for this date (%)	190

CENTRAL	
Data as of March 30, 2023	
Number of Stations Reporting	48
Average snow water equivalent (Inches)	62.2
Percent of April 1 Average (%)	234
Percent of normal for this date (%)	233

SOUTH	
Data as of March 30, 2023	
Number of Stations Reporting	26
Average snow water equivalent (Inches)	61.9
Percent of April 1 Average (%)	297
Percent of normal for this date (%)	298

STATE	
Data as of March 30, 2023	
Number of Stations Reporting	98
Average snow water equivalent (Inches)	60.8
Percent of April 1 Average (%)	236
Percent of normal for this date (%)	235

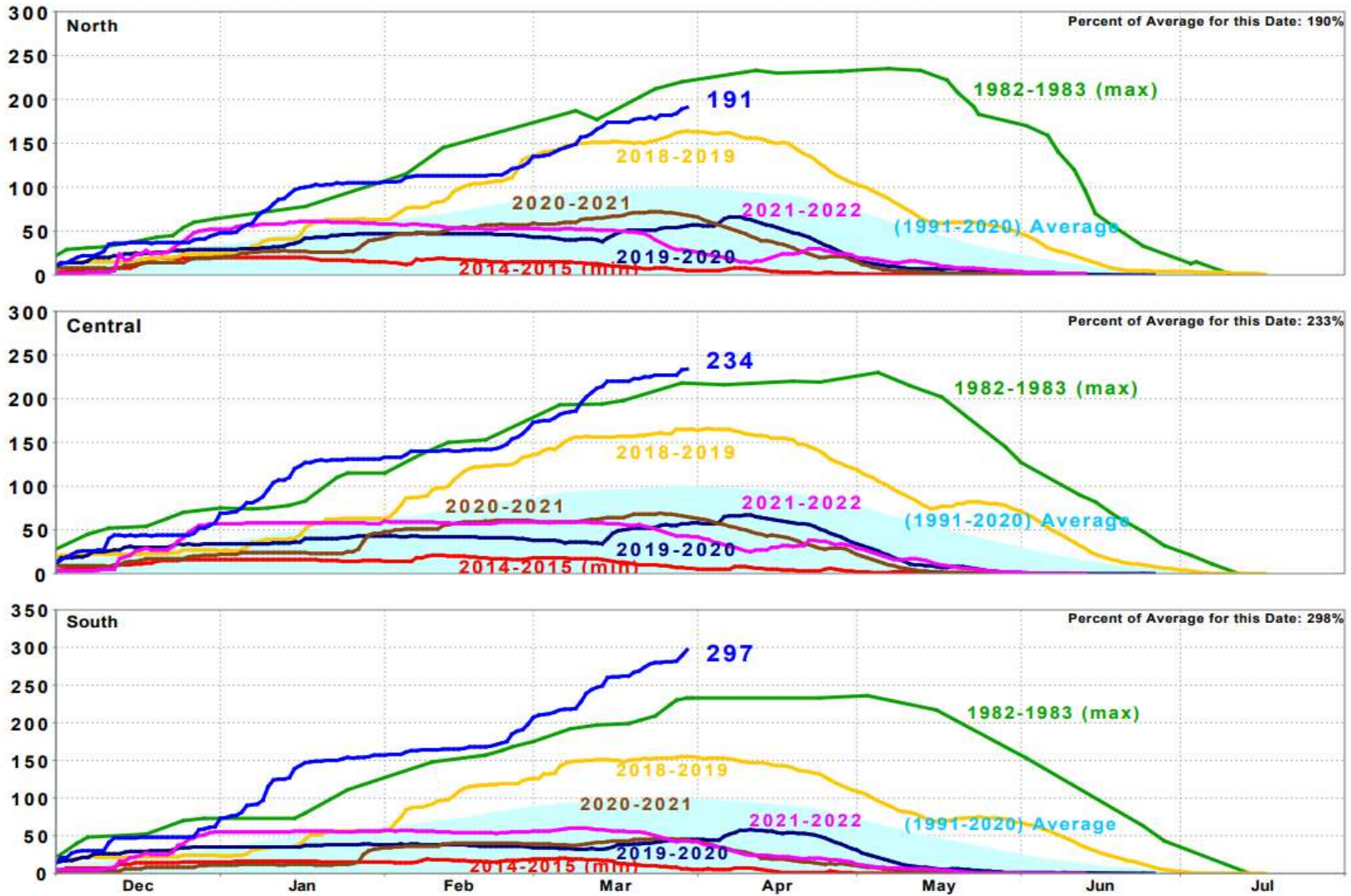
Statewide Average: 236% / 235%

Data as of March 30, 2023



Snow Water Content

California Snow Water Content, March 30, 2023, Percent of April 1 Average

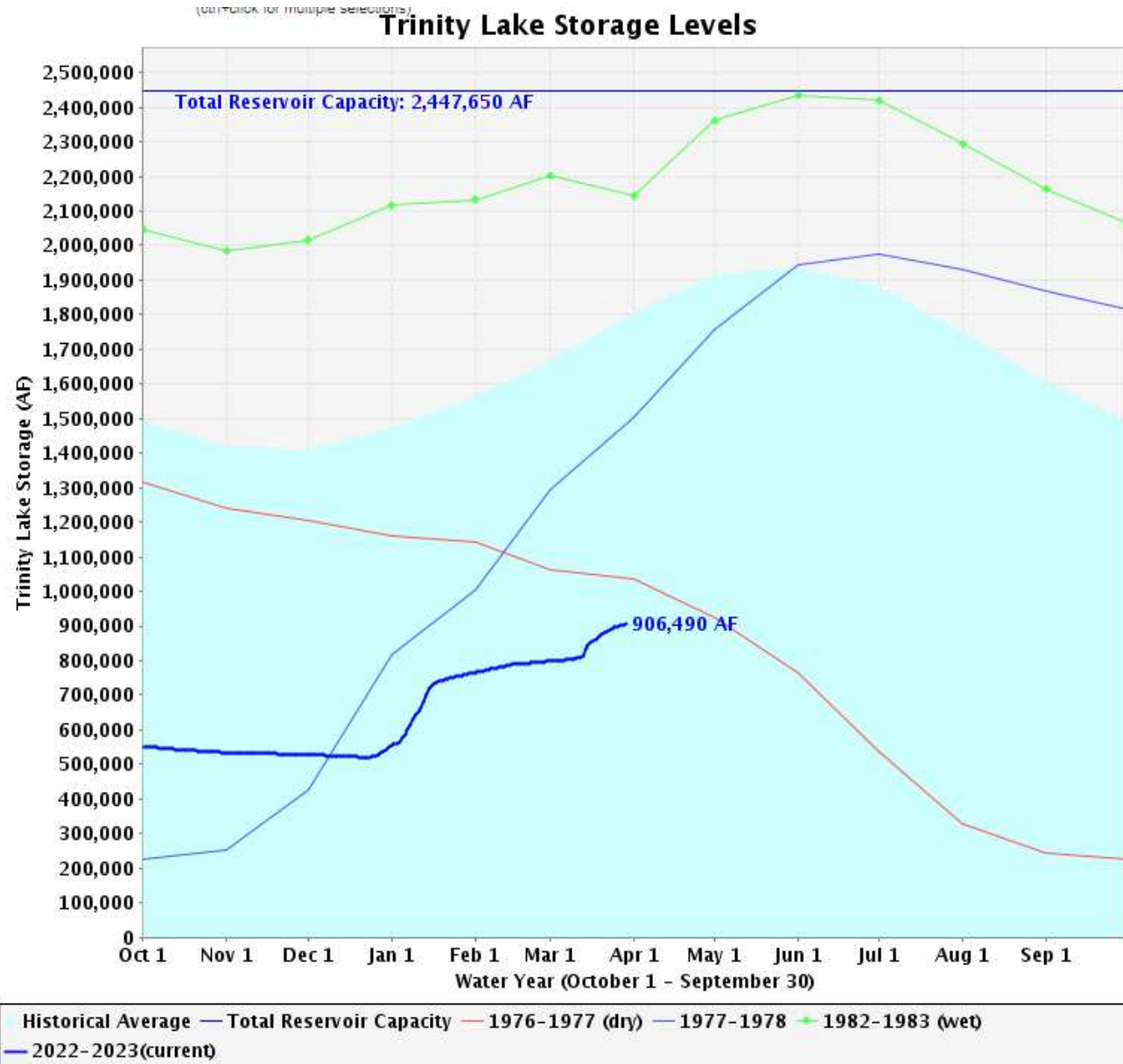


Statewide Percent of April 1: 236%

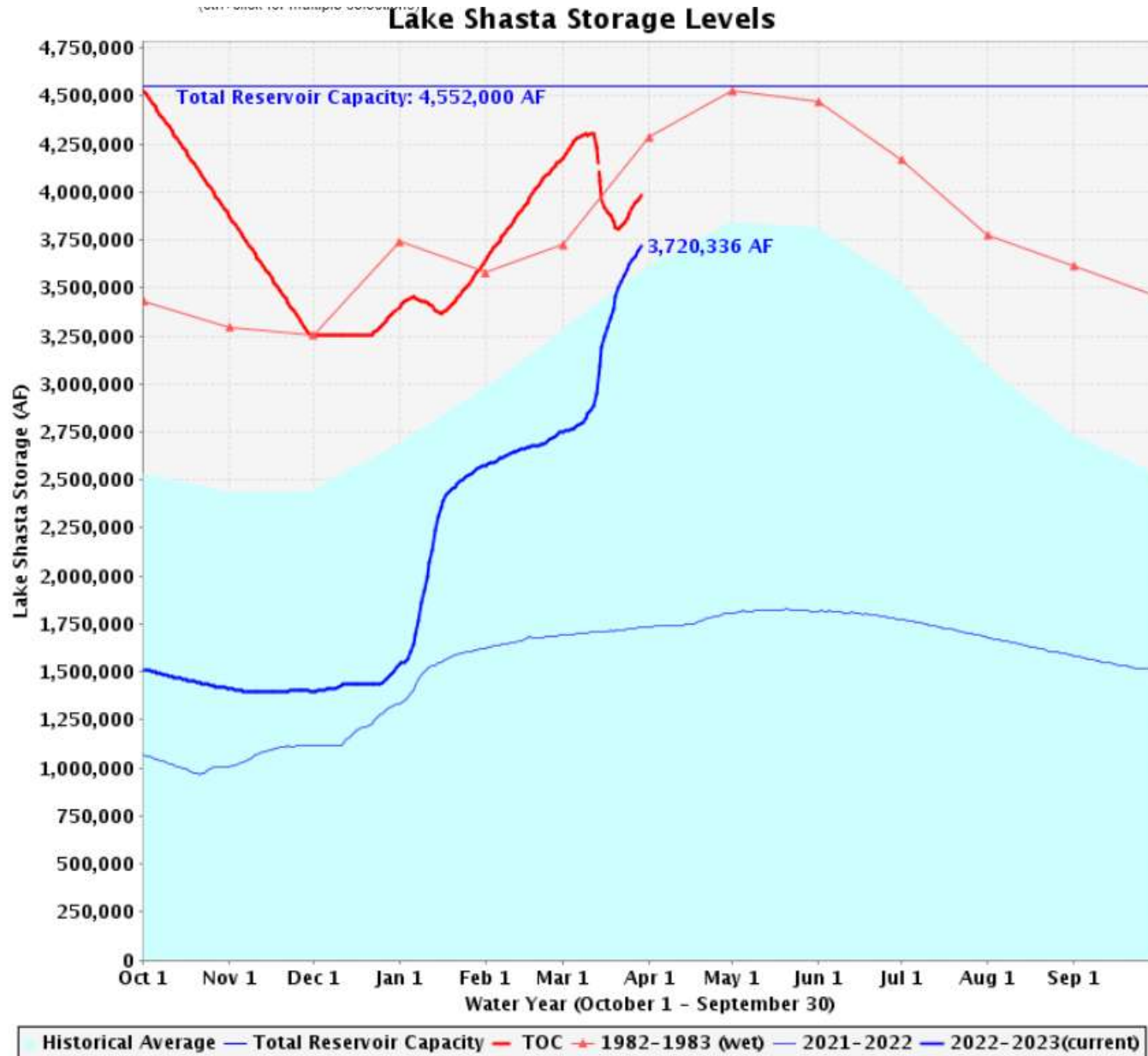
Statewide Percent of Average for Date: 235%



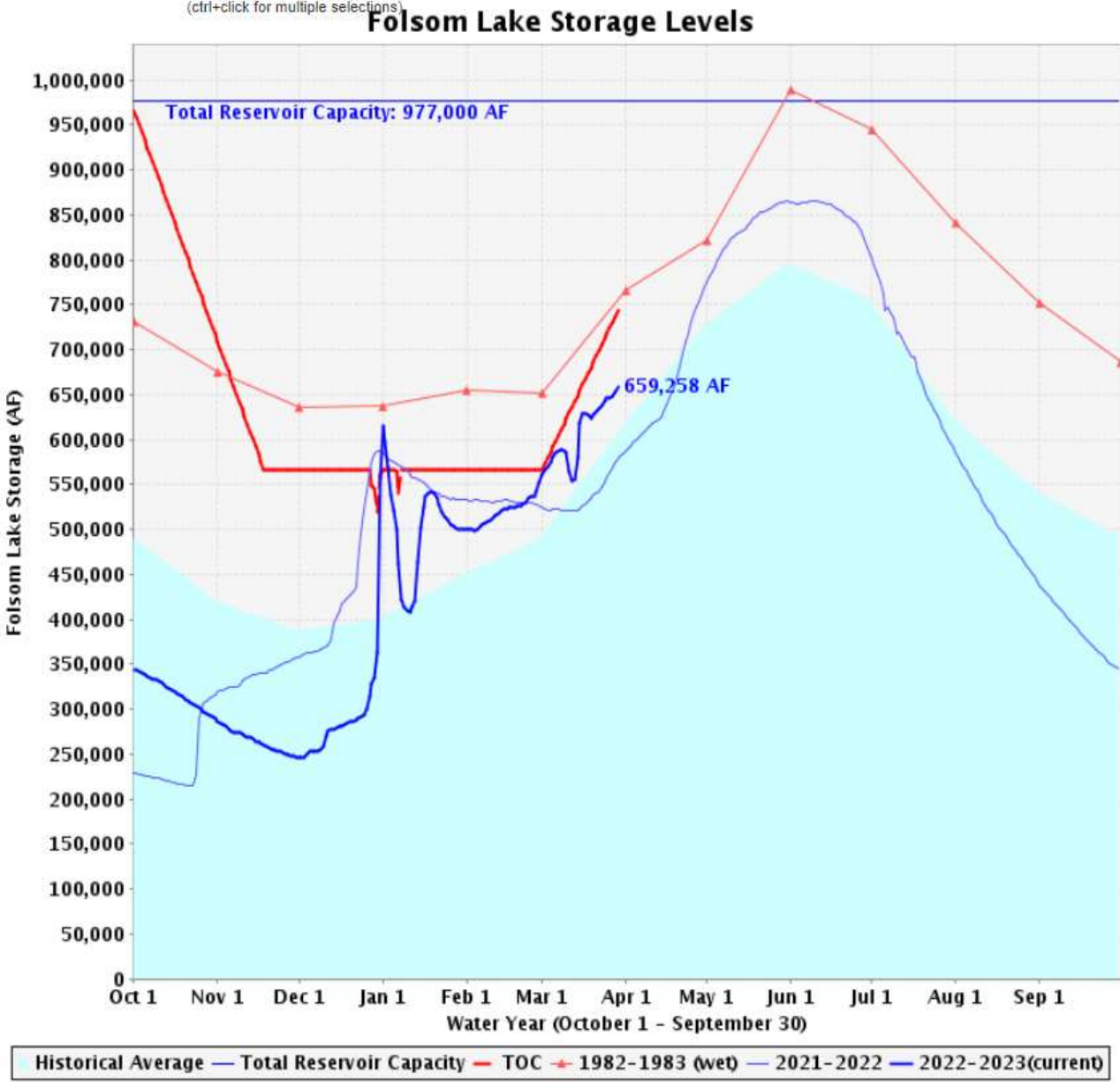
Trinity Storage



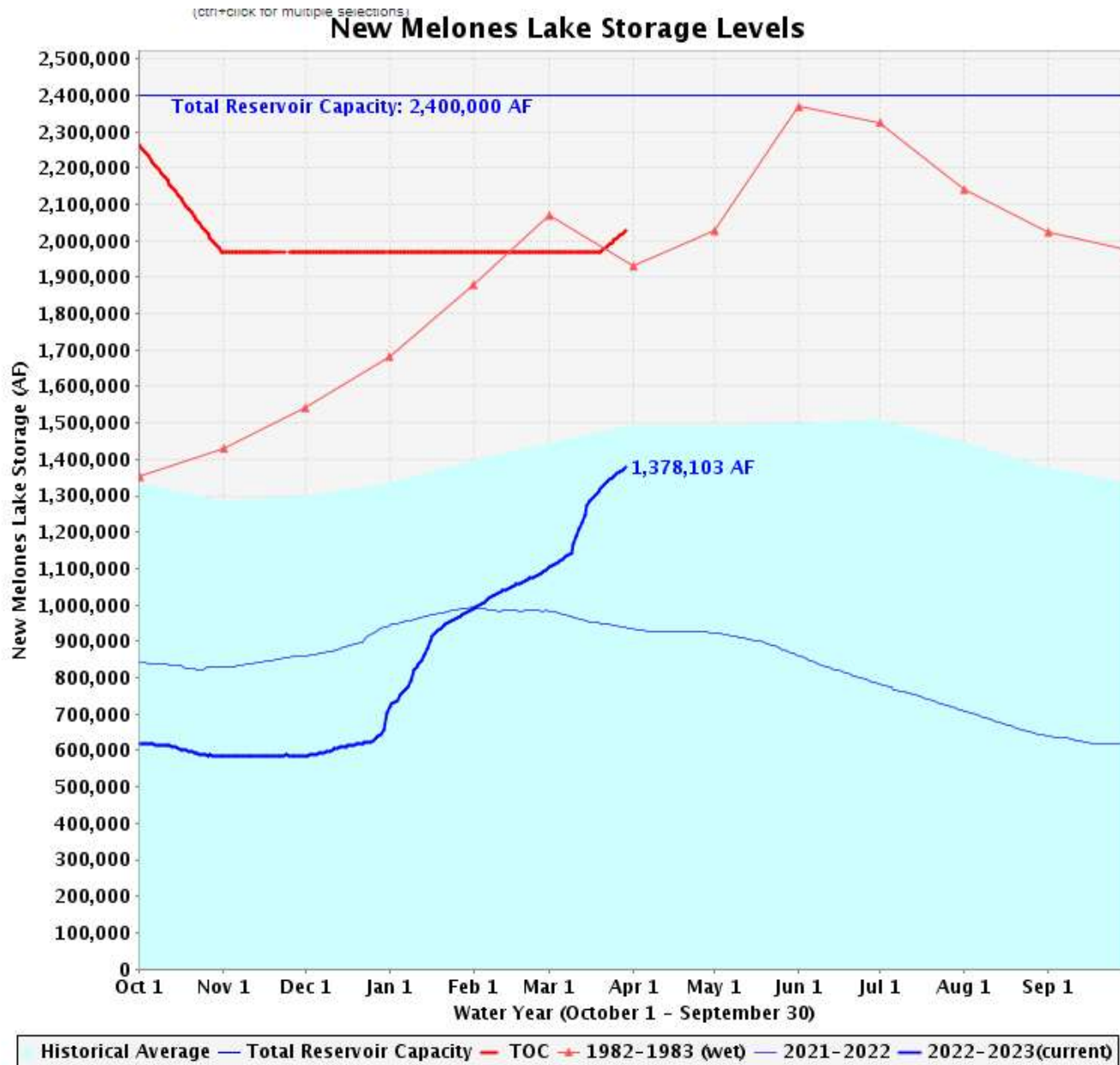
Shasta Storage



Folsom Storage



New Melones Storage



Precipitation Forecasts

Precipitation (in)
during the period:

Thu, 30 MAR 2023 at 12Z

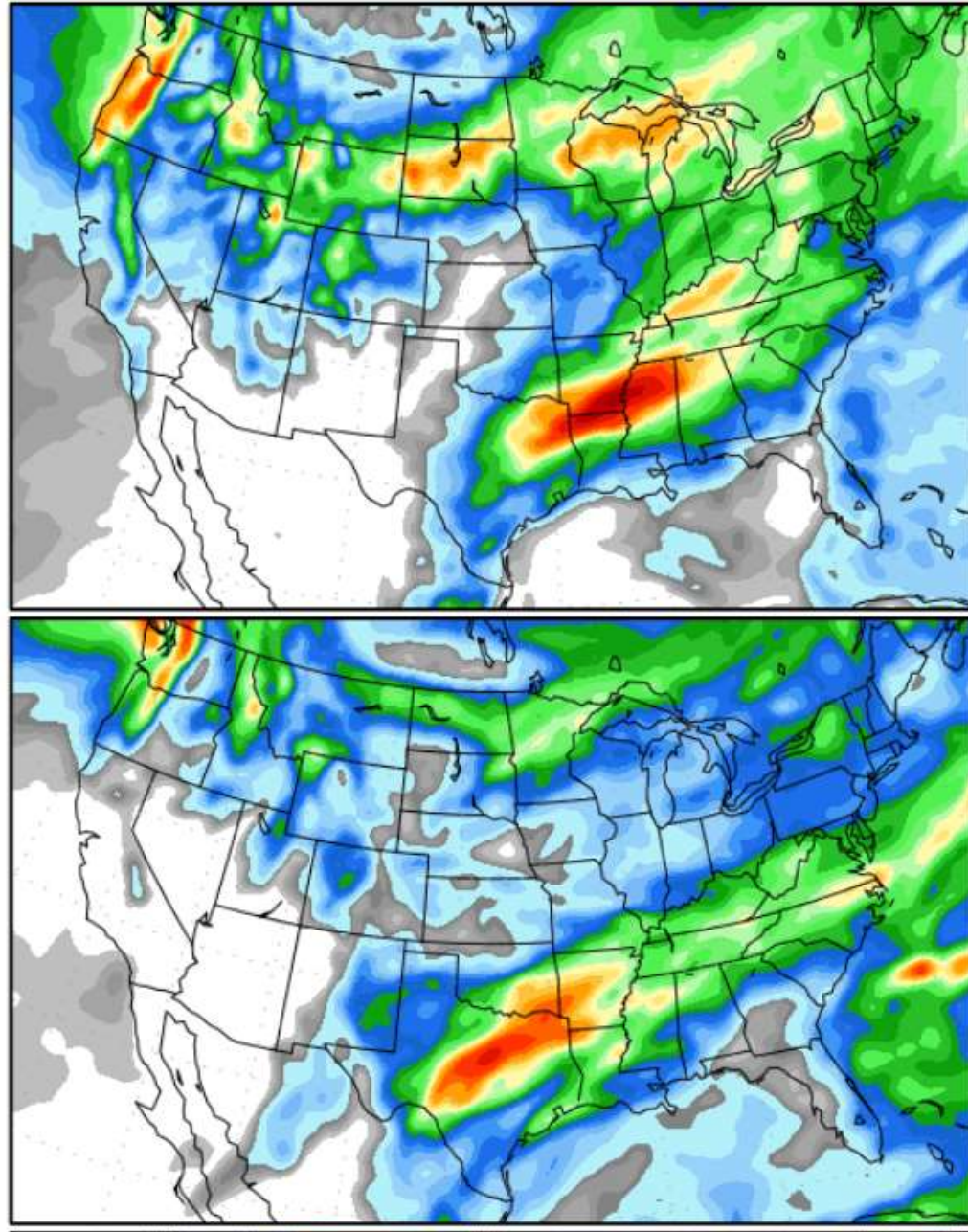
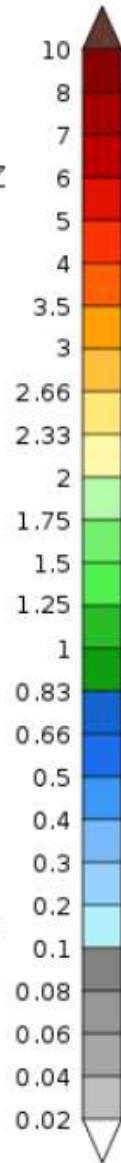
-to-

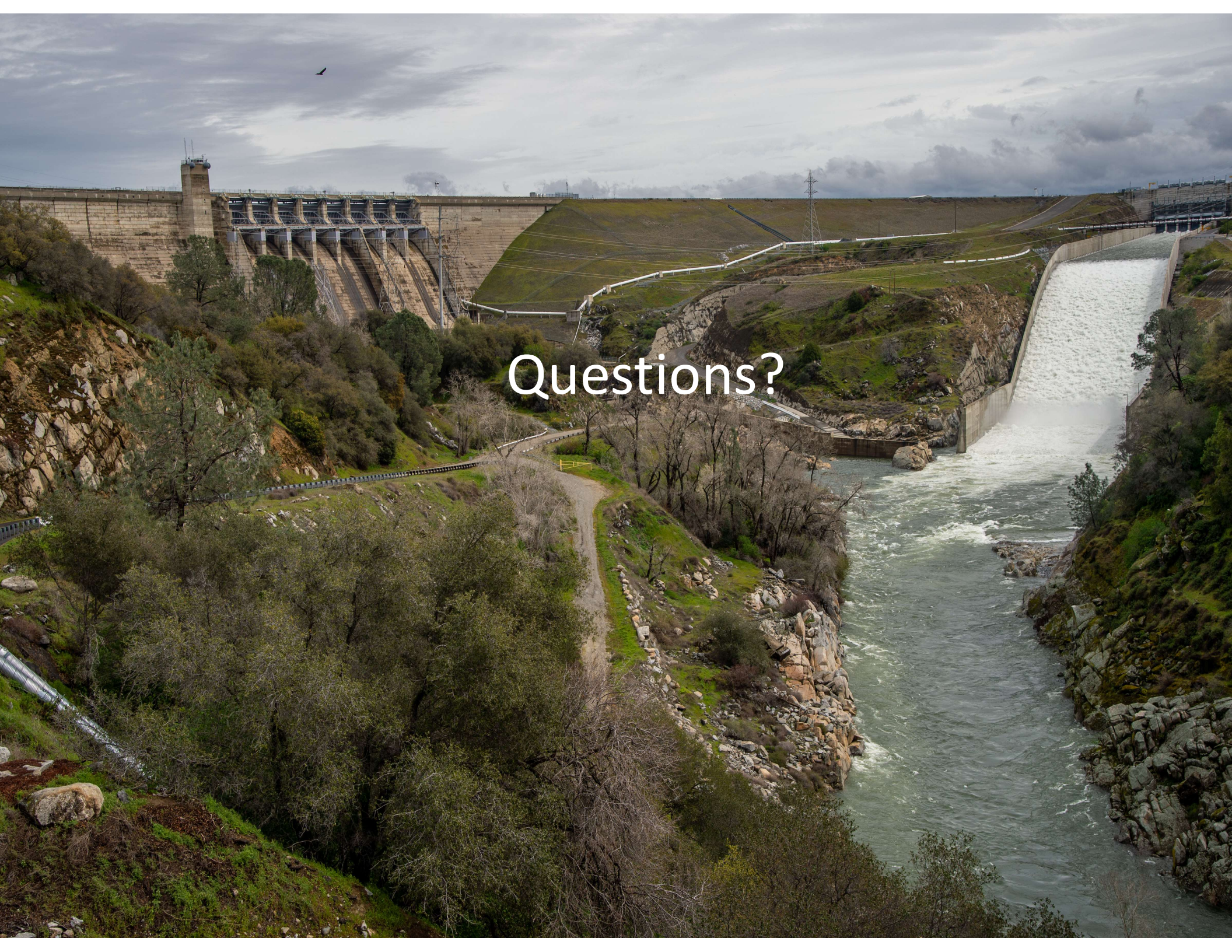
Fri, 07 APR 2023 at 12Z

Fri, 07 APR 2023 at 12Z

-to-

Sat, 15 APR 2023 at 12Z





Questions?

Estimated CVP Operations 90% Exceedance

Storages

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

Facility	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb
Trinity	799	929	1064	1050	990	937	879	824	808	793	787	796	829
Elevation		2247	2262	2261	2254	2248	2241	2234	2232	2230	2229	2230	2235
Whiskeytown	211	206	238	238	238	238	238	238	206	206	206	206	206
Elevation		1199	1209	1209	1209	1209	1209	1209	1199	1199	1199	1199	1199
Shasta	2747	3676	3868	3810	3576	3187	2838	2624	2556	2589	2648	2764	2896
Elevation		1036	1049	1041	1032	1016	1000	990	987	989	991	997	1003
Folsom	552	798	925	983	948	726	497	467	400	349	304	275	284
Elevation		449	461	467	463	442	416	412	403	395	388	383	384
New Melones	1098	1235	1239	1324	1384	1346	1290	1260	1216	1230	1244	1246	1245
Elevation		973	973	983	990	986	979	976	971	972	974	974	974
Federal San Luis	673	918	948	880	722	382	113	55	62	20	73	215	133
Elevation													
Total	6080	7761	8283	8285	7858	6816	5856	5467	5247	5186	5262	5501	5593

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

Facility	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb
Oroville	2576	2951	3288	3422	3267	2715	2214	1858	1600	1474	1400	1509	1653
Elevation		861	884	893	883	843	802	769	742	727	719	731	748
State San Luis	888	1062	944	831	701	801	921	1081	1099	1039	1062	1117	1052
Elevation													
Total San Luis (TAF)	1561	1980	1893	1710	1424	1183	1035	1136	1160	1059	1136	1332	1185
Elevation		539	532	517	493	471	456	466	468	459	466	484	471

Monthly River Releases (TAF/cfs)

Facility	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb
Trinity		18	80	258	126	68	53	52	23	18	18	18	17
cfs		300	1,347	4,189	2,120	1,102	857	870	373	300	300	300	300
Clear Creek		12	17	12	19	9	9	9	12	12	12	12	11
cfs		200	284	200	318	150	150	200	200	200	200	200	200
Sacramento		200	238	387	449	559	492	357	283	193	200	200	250
cfs		3250	4000	6300	7547	9100	8000	6000	4600	3250	3250	3250	4500
American		596	268	350	268	327	329	122	108	104	108	92	94
cfs		9700	4500	5700	4506	5323	5349	2049	1750	1750	1750	1500	1684
Stanislaus		93	83	96	56	18	18	18	49	12	12	14	13
cfs		1521	1400	1555	940	300	300	300	797	200	200	232	236
Feather		922	178	184	220	492	443	410	246	74	77	60	54
cfs		15000	3000	3000	3700	8000	7200	6900	4000	1250	1250	975	975

Trinity Diversions (TAF)

Facility	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb
Carr PP		1	25	1	13	9	10	9	0	10	9	5	4
Spring Crk. PP		33	0	3	0	0	0	0	21	0	0	0	4

Delta Summary (TAF)

Facility/Location/Metric	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb
Tracy		260	208	215	250	258	230	229	183	69	133	225	44
USBR Banks		0	0	0	0	35	35	35	0	0	0	0	0
Contra Costa		10.5	9.5	9.5	9.5	7.4	8.3	9.5	10.5	12.6	13.8	13.7	13.7
Total USBR		271	218	225	260	300	273	274	194	82	147	239	58
State Export		310	83	77	144	409	397	397	284	173	201	155	17
Total Export		581	301	301	404	709	670	671	478	255	348	394	75
COA Balance		18	18	18	17	-10	-9	0	0	0	0	0	0
Vernalis TAF		455	833	752	413	209	110	107	122	74	75	77	73
Vernalis cfs		7410	14004	12236	6941	3407	1797	1796	1984	1242	1225	1257	1316
Old/Middle R. calc. cfs		-4,527	1,815	1,142	-2,689	-7,943	-8,178	-8,460	-5,678	-3,326	-4,395	-4,956	-1,034
Computed DOI cfs		55260	24458	21326	10590	6507	6019	4539	4392	4656	4506	6881	12625
Excess Outflow		43857	9497	10427	0	0	0	0	0	0	0	878	0
% Export/Inflow		14%	16%	17%	31%	51%	52%	61%	56%	42%	51%	50%	8%
% Export/Inflow std.		35%	35%	35%	35%	65%	65%	65%	65%	65%	65%	65%	45%

Hydrology

Water Year Inflow (TAF)	Trinity	Shasta	Folsom	New Melones
Year to Date + Forecasted	1123	4,653	3,841	1689
% of mean	93%	84%	141%	160%

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.