

## Summary of Water Supply Conditions as of 07/31/07

(Click on hyperlinks to view information graphically.)

**Precipitation** averages 0.17 inches on the Northern Sierra Eight Station Index for July. As of the 31<sup>st</sup>, we were at 0.81 inches or 467 percent of average for this month. The cumulative total is 36.71 inches, which is 73 percent of the water year average, 50 inches.

**Reservoir Storage** is below the 15-year average for each facility with Federal San Luis storage the worst at only 25 percent of its 15-year average. Of the storage reservoirs, New Melones is in the best shape at 95 percent of its 15-year average, while Trinity is second at 85 percent. Shasta and Folsom are at 76 percent and 74 percent of their 15-year averages respectively demonstrating how these two facilities are the main source of meeting Delta demand.

**River Releases** continue to be governed by Delta demands, and with mild temperatures this summer, releases are cut whenever possible to conserve storage, while still meeting instream temperature control requirements.

**Water Supply** Forecasts for the Sacramento River Index, Water Year 2007, were updated May 8<sup>th</sup> based upon May 1<sup>st</sup> conditions. The Sacramento River Index is the sum of the unimpaired flow of the Sacramento River at Bend Bridge, the Feather River at Oroville, the Yuba River near Smartville and the American River below Folsom Lake. The 50 percent exceedence forecast went from 10.5 (56 percent of average) to 10.2 (55 percent of average), which is classified as “critical” on this index. The 90 percent exceedence forecast went from 9.4 (51 percent of average) to 9.5 (51 percent of average), still “critical” on this index. Final determination of year type is based upon the May 1<sup>st</sup> 50 percent exceedence forecast. The Sacramento Valley 40-30-30 Index uses 40 percent of the current April – July runoff plus 30 percent of the current October – March runoff plus 30 percent of the previous year’s index which was “wet” putting this year’s index at “dry.” The State Water Resources Control Board began using this index under Decision 1630, while the Sacramento River Index was used under Decision 1485, the previous San Francisco Bay Delta Estuary decision.

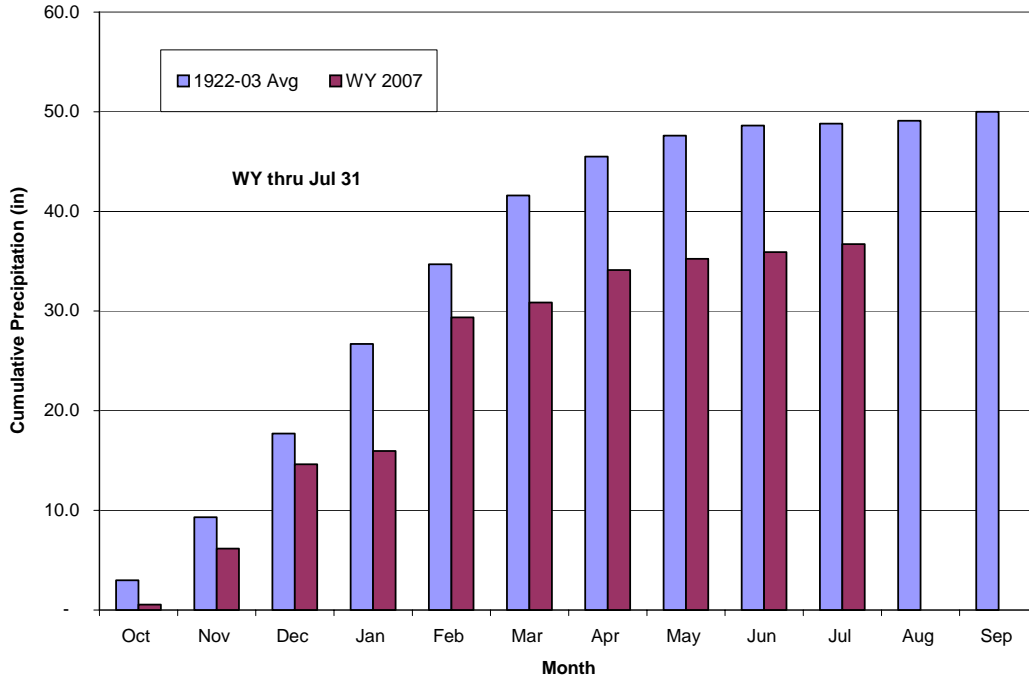
		07/31/07	06/30/07	Change
8 Station Index	(% of WY Avg to Date)	73%	72%	1%
Snow Pack - (Percent of April 1 Average)	North	0%	0%	0%
	Central	0%	0%	0%
		07/31/07	06/30/07	Change
River Releases - (Mean Daily cfs)	Trinity	438	445	(7)
	Sacramento	13,857	15,248	(1,391)
	American	3,029	4,424	(1,395)
	Stanislaus	355	355	-
		07/31/07	06/30/07	Change
Reservoir Storage - (Thousand AF)	Trinity	1,692	1,852	(160)
	Shasta	2,560	3,141	(581)
	Folsom	490	656	(166)
	New Melones	1,573	1,673	(100)
	Federal San Luis	83	173	(90)
		07/31/07	06/30/07	Change
Reservoir Inflow - (WY to Date in TAF)	Trinity	716	703	13
	Shasta	3,566	3,341	225
	Folsom	1,337	1,250	87
	New Melones	518	478	40
		07/31/07	06/30/07	Change
Precipitation (accumulated in.)	Trinity at Fish Hatchery	21.42	20.94	0.48
	Sacramento at Shasta Dam	39.40	36.72	2.68
	American at Blue Canyon	53.14	53.18	(0.04)
	Stanislaus at New Melones	20.30	20.30	-

# Precipitation

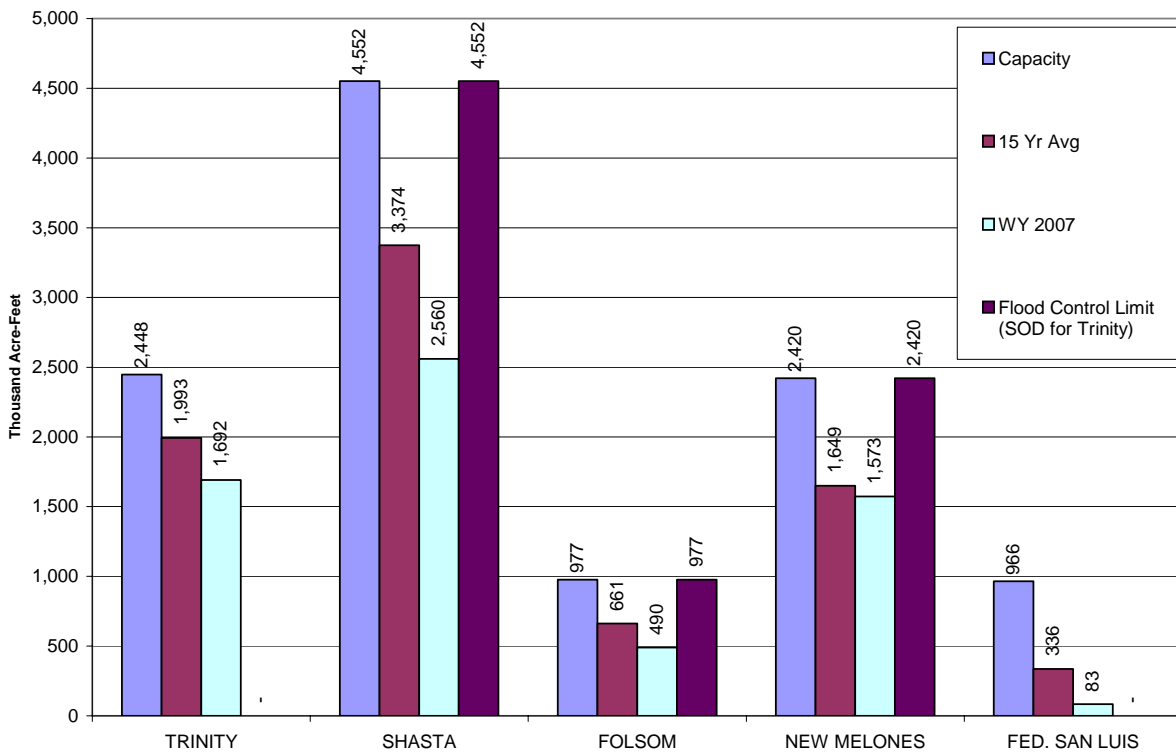
[Return to Summary](#)

**Northern Sierra Eight Station Index**  
Mt Shasta City, Shasta Dam, Mineral, Brush Creek RS  
Quincy, Sierraville RS, Pacific House, Blue Canyon

Source: California Data Exchange Center



Reservoir Storage as of JULY 31, 2007



River Releases as of JULY 31, 2007

