

Summary of Water Supply Conditions as of 06/30/07

(Click on hyperlinks to view information graphically.)

Precipitation averages 0.99 inches on the Northern Sierra Eight Station Index. As of the 30th, we were at 0.66 inches or 67 percent of average for this month. The cumulative total is 35.90 inches, which is 72 percent of the water year average 50 inches.

Reservoir Storage is below the 15-year average for each facility with New Melones storage in the best shape at 98 percent of its 15-year average. Federal San Luis storage is only at 33 percent of its 15-year average, but with State storage at 336 TAF, there shouldn't be any San Felipe water quality issues.

River Releases varied quite a bit at the end of June with the Delta Smelt export restrictions ending and other Delta constraints coming into play. With it being such a poor water year, operators were trying to meet water quality standards, meet water demands south of the Delta and conserve water whenever and wherever possible.

Water Supply Forecasts for the Sacramento River Index, Water Year 2007, were updated May 8th based upon May 1st 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 1st 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.

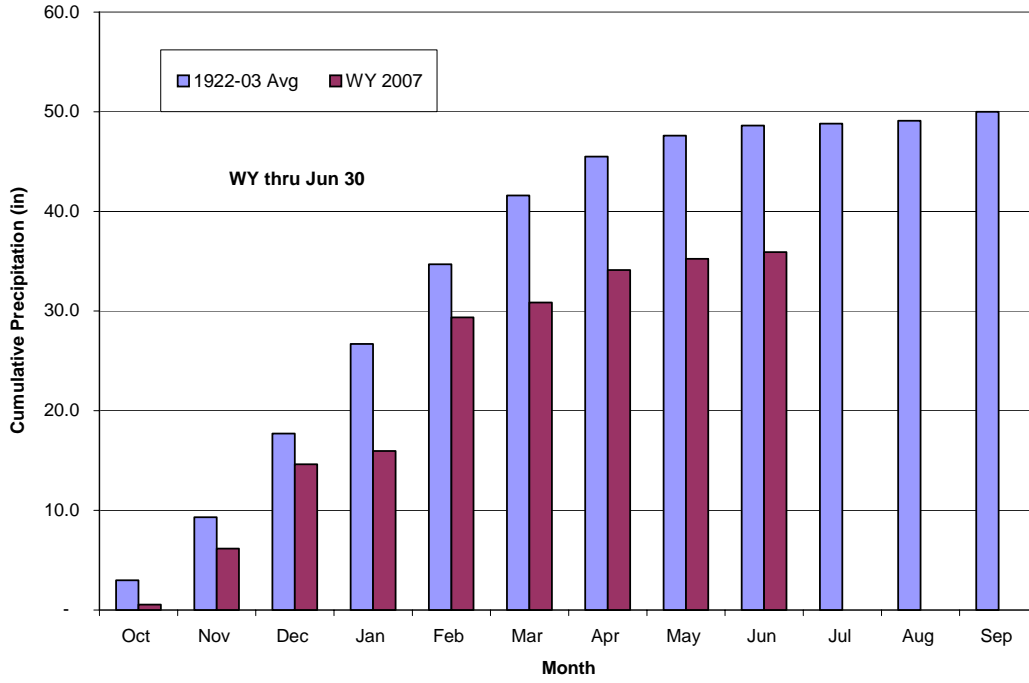
		06/30/07	05/31/07	Change
8 Station Index	(% of WY Avg to Date)	72%	70%	2%
Snow Pack - (Percent of April 1 Average)	North	0%	0%	0%
	Central	0%	0%	0%
		06/30/07	05/31/07	Change
River Releases - (Mean Daily cfs)	Trinity	445	1,467	(1,022)
	Sacramento	15,248	10,566	4,682
	American	4,424	1,519	2,905
	Stanislaus	355	1,504	(1,149)
		06/30/07	05/31/07	Change
Reservoir Storage - (Thousand AF)	Trinity	1,852	1,954	(102)
	Shasta	3,141	3,601	(460)
	Folsom	656	787	(131)
	New Melones	1,673	1,778	(105)
	Federal San Luis	173	426	(253)
		06/30/07	05/31/07	Change
Reservoir Inflow - (WY to Date in TAF)	Trinity	703	675	28
	Shasta	3,341	3,123	218
	Folsom	1,250	1,176	74
	New Melones	478	445	33
		06/30/07	05/31/07	Change
Precipitation (accumulated in.)	Trinity at Fish Hatchery	20.94	20.87	0.07
	Sacramento at Shasta Dam	36.72	36.73	(0.01)
	American at Blue Canyon	53.18	52.22	0.96
	Stanislaus at New Melones	20.30	20.29	0.01

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 JUNE 30, 2007

