

Summary of Water Supply Conditions as of 05/31/07

(Click on hyperlinks to view information graphically.)

Precipitation averages 2.16 inches for May on the Northern Sierra Eight Station Index. As of the 31st, we are at 1.22 inches for this month, over 50 percent of the average for May. The cumulative total is 35.33 inches, which is 70 percent of the water year average 50 inches. Per the Daily Snow Water Equivalent Report dated May 31st, there is no snow left.

Reservoir Storage is above the 15-year averages for New Melones, but below for Trinity, Shasta and Federal San Luis. Folsom was the only reservoir to increase storage since the end of last month.

River Releases are above their 15-year medians for the Trinity and Stanislaus, but below for the Sacramento and American Rivers. However, Goodwin on the Stanislaus is scheduled to ramp down from fishery flows beginning June 2nd and will go from 1,500 cfs to 400 cfs by the 3rd. Keswick release is scheduled to increase by 500 cfs June 1st for Delta requirements taking it to 11,000 cfs which is close to the 15-year median.

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.

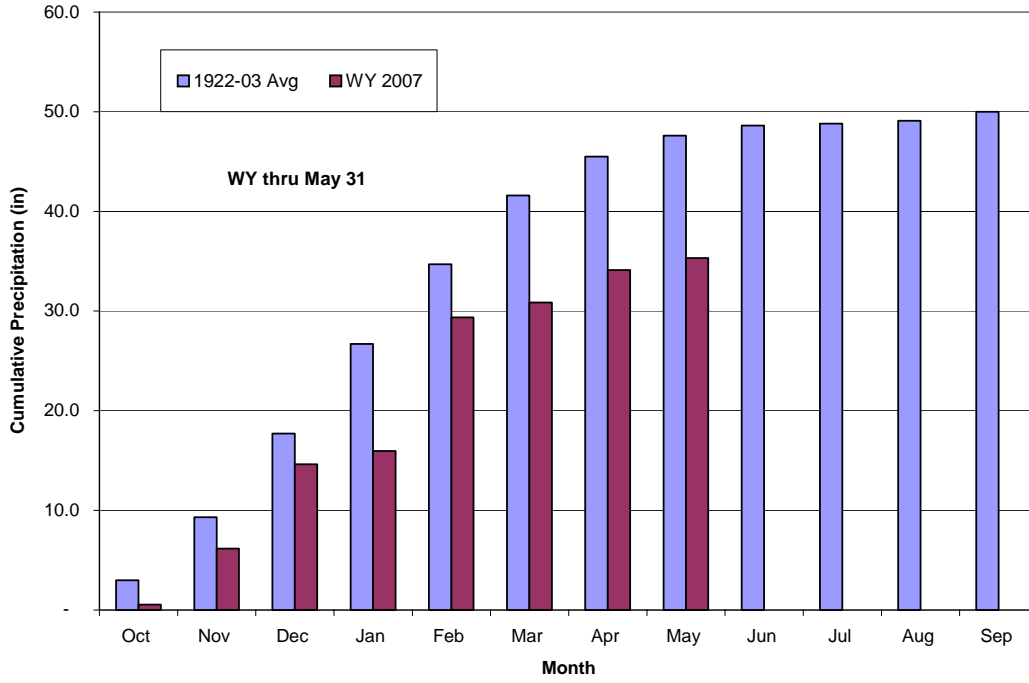
		05/31/07	04/30/07	Change
8 Station Index	(% of WY Avg to Date)	70%	68%	2%
Snow Pack - (Percent of April 1 Average)	North	0%	20%	-20%
	Central	0%	27%	-27%
		05/31/07	04/30/07	Change
River Releases - (Mean Daily cfs)	Trinity	1,467	3,205	(1,738)
	Sacramento	10,566	8,506	2,060
	American	1,519	1,519	-
	Stanislaus	1,504	1,502	2
		05/31/07	04/30/07	Change
Reservoir Storage - (Thousand AF)	Trinity	1,954	2,066	(112)
	Shasta	3,601	3,901	(300)
	Folsom	787	740	47
	New Melones	1,778	1,909	(131)
	Federal San Luis	426	688	(262)
		05/31/07	04/30/07	Change
Reservoir Inflow - (WY to Date in TAF)	Trinity	675	577	98
	Shasta	3,123	2,835	288
	Folsom	1,176	1,012	164
	New Melones	445	392	53
		05/31/07	04/30/07	Change
Precipitation (accumulated in.)	Trinity at Fish Hatchery	20.87	20.16	0.71
	Sacramento at Shasta Dam	36.73	35.91	0.82
	American at Blue Canyon	52.22	50.12	2.10
	Stanislaus at New Melones	20.29	19.47	0.82

Precipitation

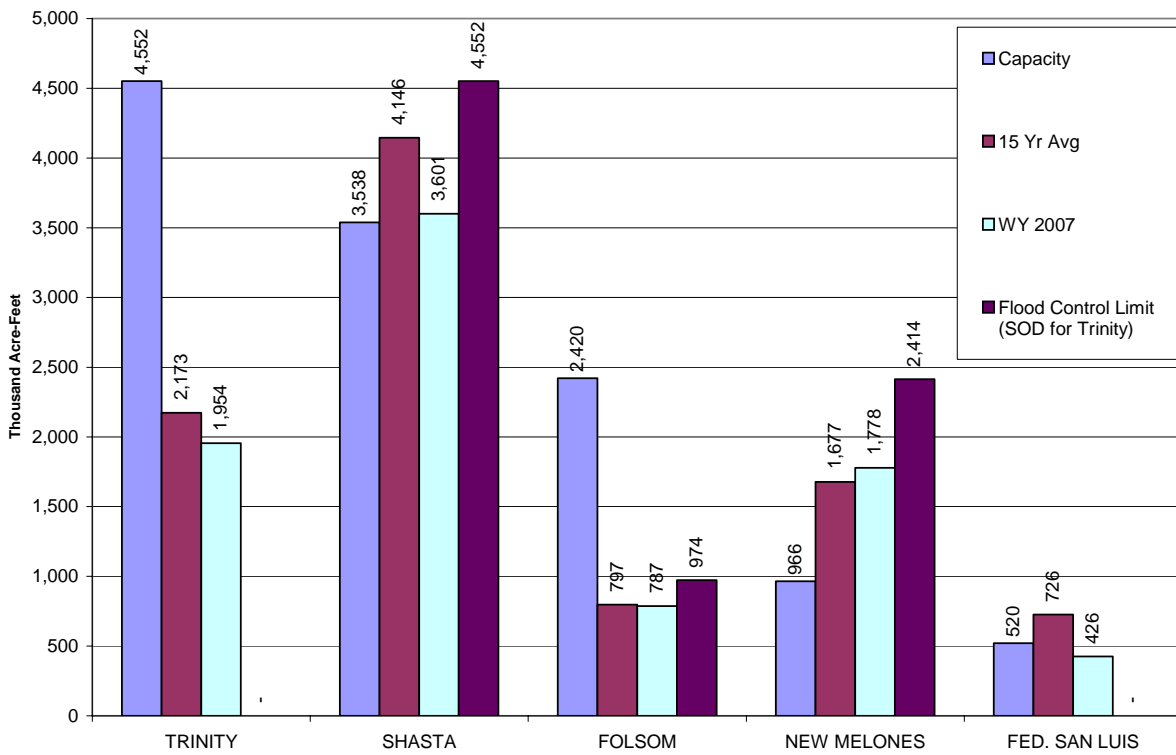
[Return to Summary](#)

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 MAY 31, 2007



River Releases as of MAY 31, 2007

