

Summary of Water Supply Conditions as of 08/31/07

(Click on hyperlinks to view information graphically.)

Precipitation averages 0.28 inches on the Northern Sierra Eight Station Index for August. As of the 31st, we were at 0.29 inches or 104 percent of average for this month. The cumulative total is 36.57 inches, which is 73 percent of the water year average, 50 inches.

Reservoir Storage is below the 15-year average for each facility. Of the storage reservoirs, New Melones is in the best shape at 95 percent of its 15-year average, Trinity is second at 85 percent, while Shasta and Folsom are at 71 percent and 63 percent of their 15-year averages.

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 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.

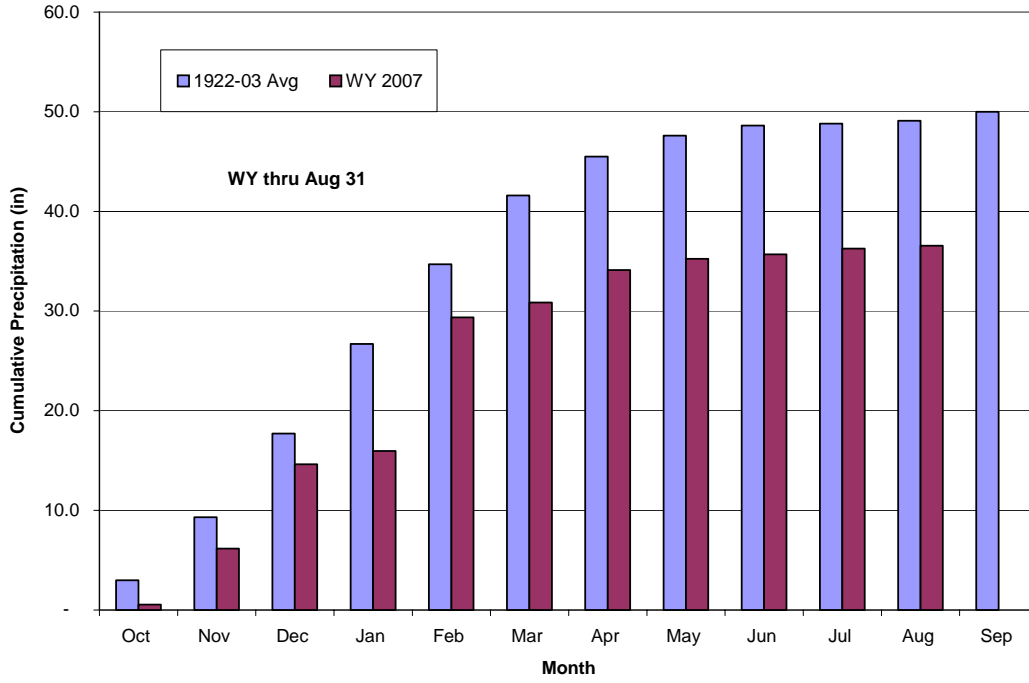
		08/31/07	07/31/07	Change
8 Station Index	(% of WY Avg to Date)	73%	72%	1%
Snow Pack - (Percent of April 1 Average)	North	0%	0%	0%
	Central	0%	0%	0%
		08/31/07	07/31/07	Change
River Releases - (Mean Daily cfs)	Trinity	457	438	19
	Sacramento	9,592	13,857	(4,265)
	American	2,524	3,029	(505)
	Stanislaus	203	355	(152)
		08/31/07	07/31/07	Change
Reservoir Storage - (Thousand AF)	Trinity	1,554	1,692	(138)
	Shasta	2,134	2,560	(426)
	Folsom	376	490	(114)
	New Melones	1,492	1,573	(81)
	Federal San Luis	99	83	16
		08/31/07	07/31/07	Change
Reservoir Inflow - (WY to Date in TAF)	Trinity	717	716	1
	Shasta	3,765	3,566	199
	Folsom	1,418	1,337	81
	New Melones	552	518	34
		08/31/07	07/31/07	Change
Precipitation (accumulated in.)	Trinity at Fish Hatchery	21.46	21.42	0.04
	Sacramento at Shasta Dam	39.41	39.40	0.01
	American at Blue Canyon	53.14	53.14	-
	Stanislaus at New Melones	20.30	20.30	-

Precipitation

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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 AUGUST 31, 2007

