Summary of Water Supply Conditions as of 01/31/05

(Click on hyperlinks to view information graphically.)

Precipitation for the month of January totaled 7.92 inches or 102% of the average water year-to-date total and 55% of the historical average of 50 inches for the water year according to the 8-Station Index. January's monthly average is 9 inches. The lowest recorded January precipitation was 0.59 inches in 1984 while the highest was 27.14 inches in 1995. As of February 1st, the Northern Sierra snow pack was at 90% of the April 1st average and the Central Sierra snow pack was 93% of the April 1st average, where April 1st is assumed to be the snow pack peak.

Reservoir Storage at the end of January was close to average for the CVP reservoirs. Trinity was at 98% of its 15-year average and Shasta storage was 91% of its 15-year average. Folsom Reservoir was at 123% of its 15-year average, while New Melones was at 101% of its 15-year average.

The Safety of Dams Storage limit for Trinity in January is 1,900 thousand-acre-feet. As of January 31st, Shasta permissible storage was 3,711 thousand-acre-feet, while Folsom was 564 thousand-acre-feet and New Melones was 1,970 thousand-acre-feet. As the graph shows, most reservoirs were well below these levels. Only Folsom was encroaching into flood control space by nearly 19 thousand-acre-feet.

River_Releases at Lewiston releases were 103% of their 15-year median while Shasta releases were at 83% of their 15-year median. On the American, releases were 68% percent of their median and on the Stanislaus they were at 77% of their 15-year median.

Water_Supply indices were forecast beginning with October 1st conditions which in the past was started in January. For the Sacramento River Index based upon February 1st conditions, the 50% is at 15.8 while the 90% is at 11.4, which would be classified as Above Normal and Below Normal, respectively, per this index.

In October, the NOAA Climate Prediction Center had announced the arrival of a weak El Niño that was expected to remain through the early months of 2005. It was too early to tell what impacts, if any, there would be to precipitation. October was over 200% of average, November was 95% of average while December was 109% of average and January was 102% of average.

		01/31/05	01/18/05	Change
8 Station Index	(% of WY Avg to Date)	55%	50%	5%
Snow Pack -	North	90%	82%	8%
(Percent of April 1 Average)	Central	93%	88%	5%
		01/31/05	01/18/05	Change
Reservoir Storage -	Trinity	1,588	1,514	74
(Thousand AF)	Shasta	2,832	2,596	236
	Folsom	583	520	63
	New Melones	1,340	1,298	42
	Federal San Luis	797	720	77
		01/31/05	01/18/05	Change
River Releases -	Trinity	310	312	(2)
(Mean Daily cfs)	Sacramento	3,718	3,700	18
	American	1,499	1,502	(3)
	Stanislaus	227	228	(1)
		01/31/05	01/18/05	Change
Reservoir Inflow -	Trinity	232	151	81
(WY to Date in TAF)	Shasta	1,526	1,222	304
	Folsom	612	508	104
	New Melones	277	234	43
		01/31/05	01/18/05	Change
Precipitation	Trinity at Fish Hatchery	17.46	16.07	1.39
(accumulated in.)	Sacramento at Shasta Dam	35.56	31.28	4.28
	American at Blue Canyon	33.82	31.93	1.89
	Stanislaus at New Melones	24.22	21.13	3.09

Precipitation

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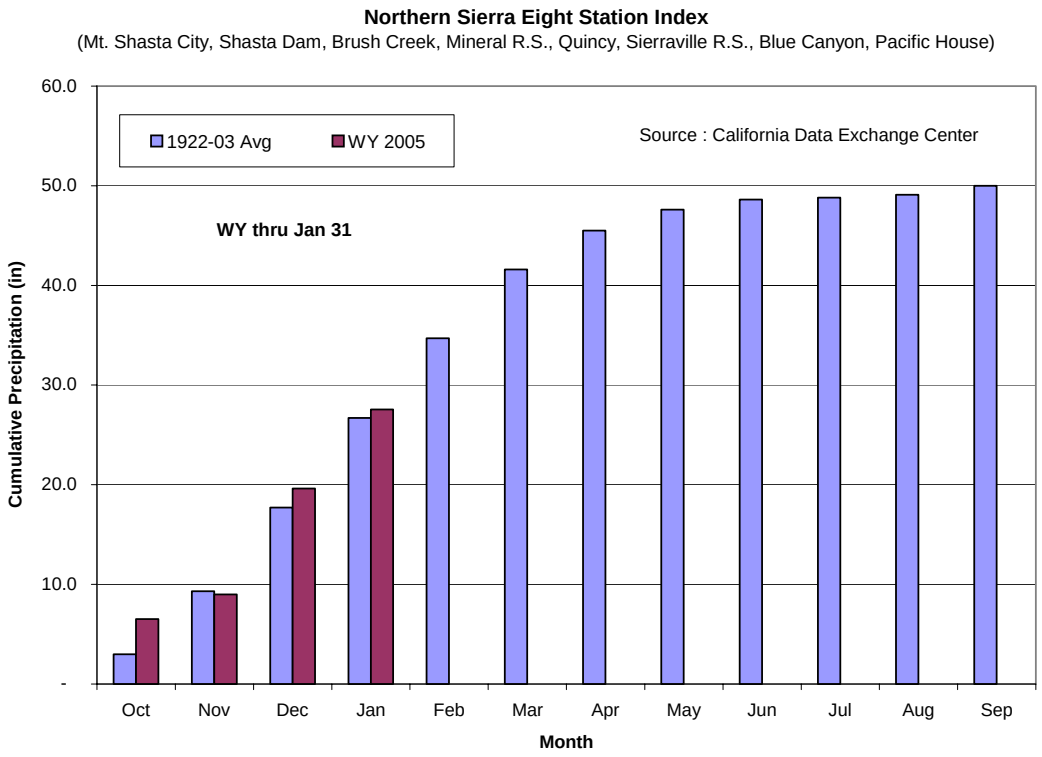
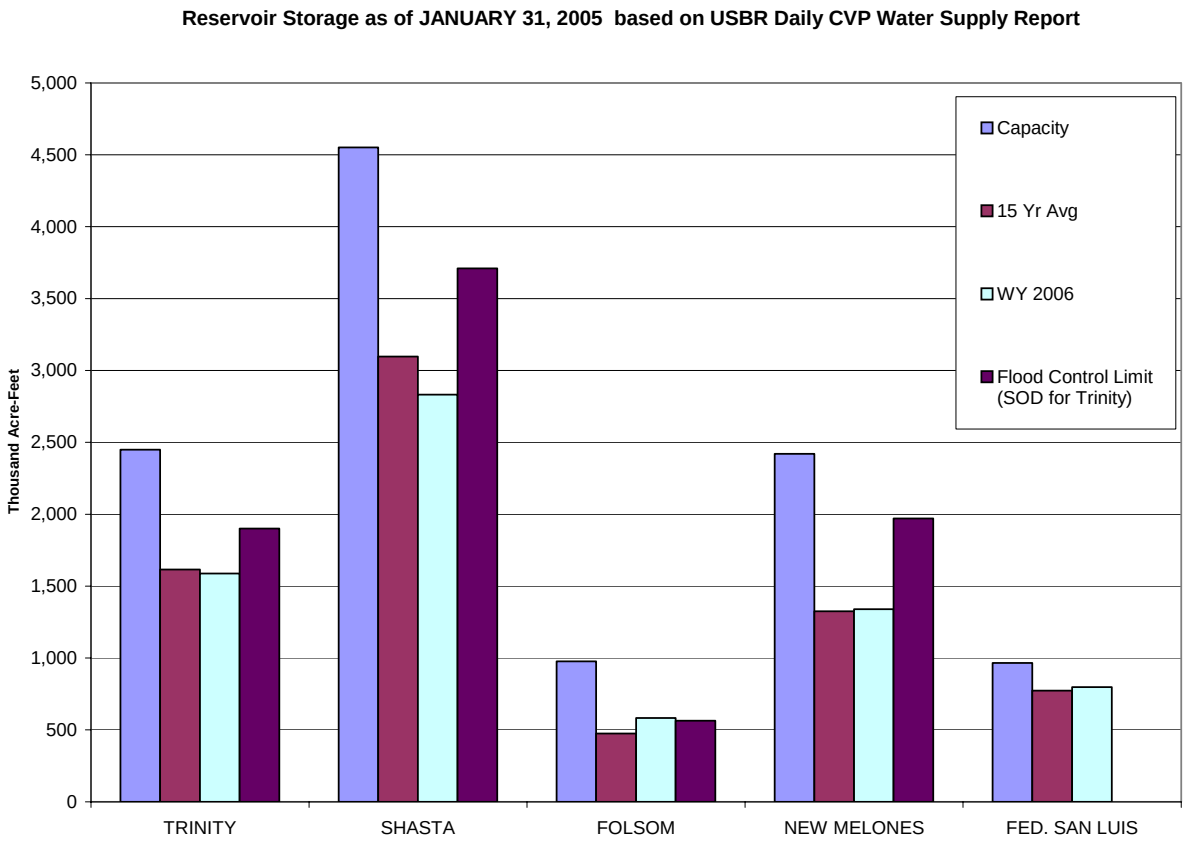


Reservoir Storage

Return to Summary



River Releases

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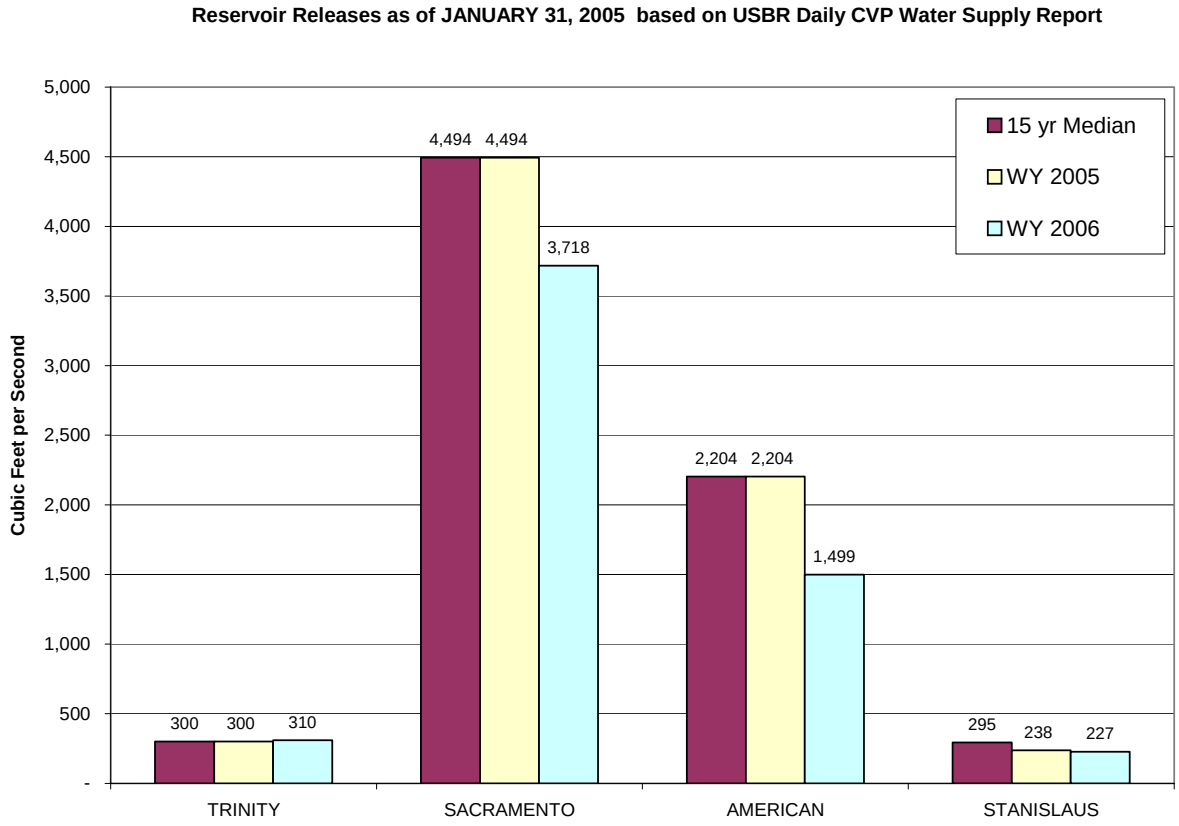

WY 2005 SACRAMENTO RIVER UNIMPAIRED RUNOFF (SACRAMENTO RIVER INDEX)