

Summary of Water Conditions February 1, 2009

The 2009 water year has been meager thus far with much less than average rainfall and snow pack especially in the northern regions. Runoff through January 31st was near the bottom of the historical range, exceeded only by the worst drought years—1991 was the driest year through January 31st but benefited greatly from a “Miracle March” with 3 times normal precipitation. With reservoir storage so low, depleted by two previous dry years, major shortages in water supply are likely this year barring a very wet remainder of the season.

Forecasts: The April through July runoff is forecasted to be 65 percent of average statewide, a little more in the south and somewhat less in the north. . Water year runoff is forecasted to be 55 percent of average. La Nina conditions in the eastern tropical Pacific might signal a dry spring.

Snow pack water content is about 60 percent of average for this time of year compared to 130 percent last year. The pack is about 40 percent of the April 1 average, the normal date of maximum accumulation. The percentages are higher in the southern Sierra and lower in the north. Accumulated soil moisture deficits are expected to further reduce the runoff from an already paltry accumulation.

Precipitation from October through January was about 65 percent of average compared to 110 percent one year ago. January precipitation was especially low at 30 percent of average for the month. Seasonal percentages range from near 100 percent in the southeastern desert regions to 50 percent in the Central Coast region.

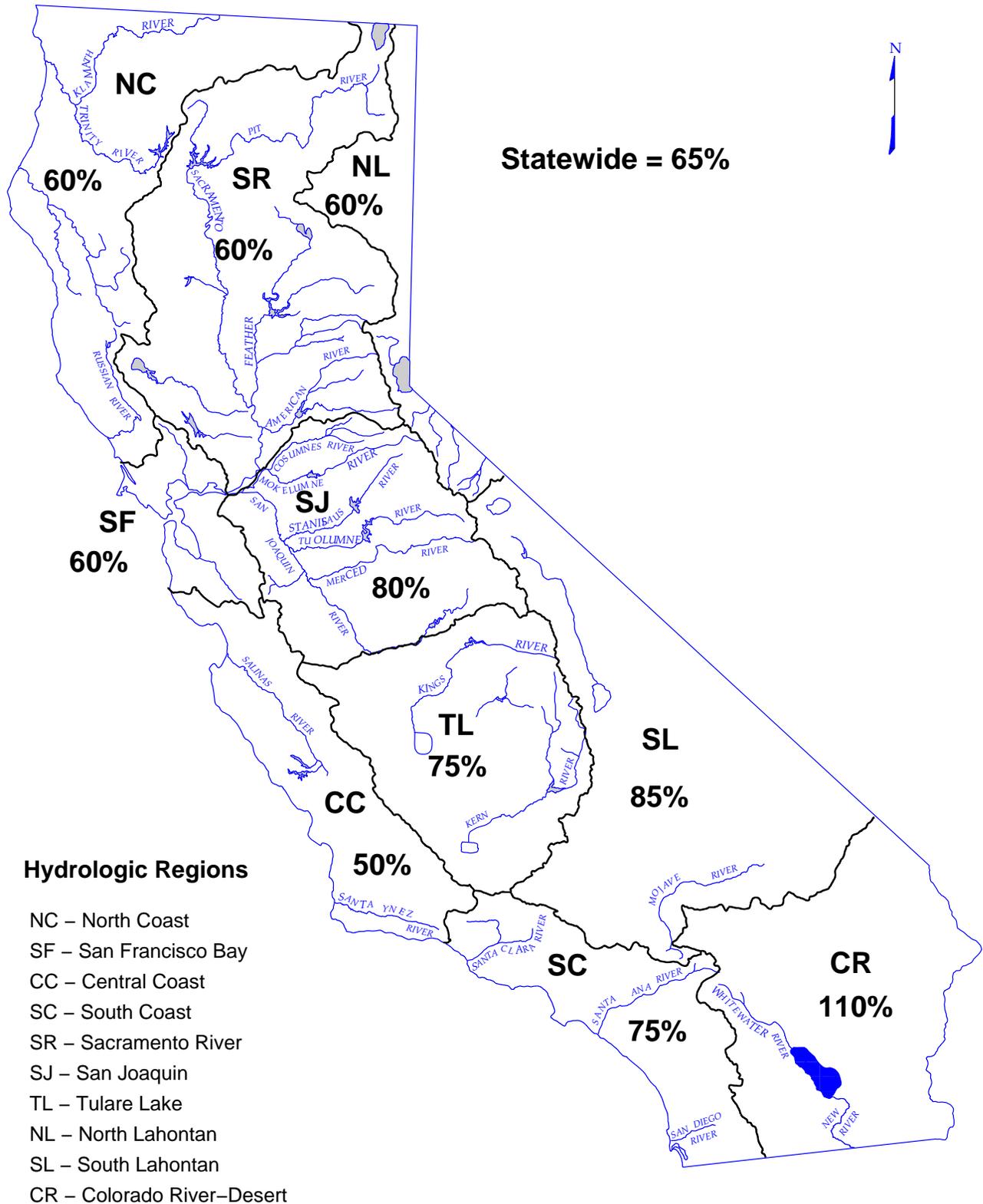
Runoff has been much below average at 35 percent compared to 55 percent last year. Runoff in January was only 30 percent of average for the month. Estimated runoff of the eight major rivers of the Sacramento and San Joaquin River region in January was 0.97 million acre-feet.

Reservoir storage is about 65 percent of average statewide compared to 85 percent last year. Shasta and Oroville are especially low, reflecting lack of substantial runoff so far for the season. Statewide storage at the end of January 1991 was about 50 percent of average and it was 55 percent in 1977.

SUMMARY OF WATER CONDITIONS IN PERCENT OF AVERAGE

HYDROLOGIC REGION	PRECIPITATION OCTOBER 1 TO DATE	FEBRUARY 1 SNOW WATER CONTENT	FEBRUARY 1 RESERVOIR STORAGE	RUNOFF OCTOBER 1 TO DATE	APR-JULY RUNOFF FORECAST	WATER YEAR RUNOFF FORECAST
NORTH COAST	60	35	55	30	55	50
SAN FRANCISCO BAY	60	--	80	5	--	--
CENTRAL COAST	50	--	80	5	--	--
SOUTH COAST	75	--	75	20	--	--
SACRAMENTO RIVER	60	60	50	35	60	50
SAN JOAQUIN RIVER	80	70	75	55	70	70
TULARE LAKE	75	65	65	60	70	65
NORTH LAHONTAN	60	70	30	55	65	60
SOUTH LAHONTAN	85	60	90	75	60	65
COLORADO RIVER- DESERT	110	--	--	--	--	--
STATEWIDE	65	60	65	35	65	55

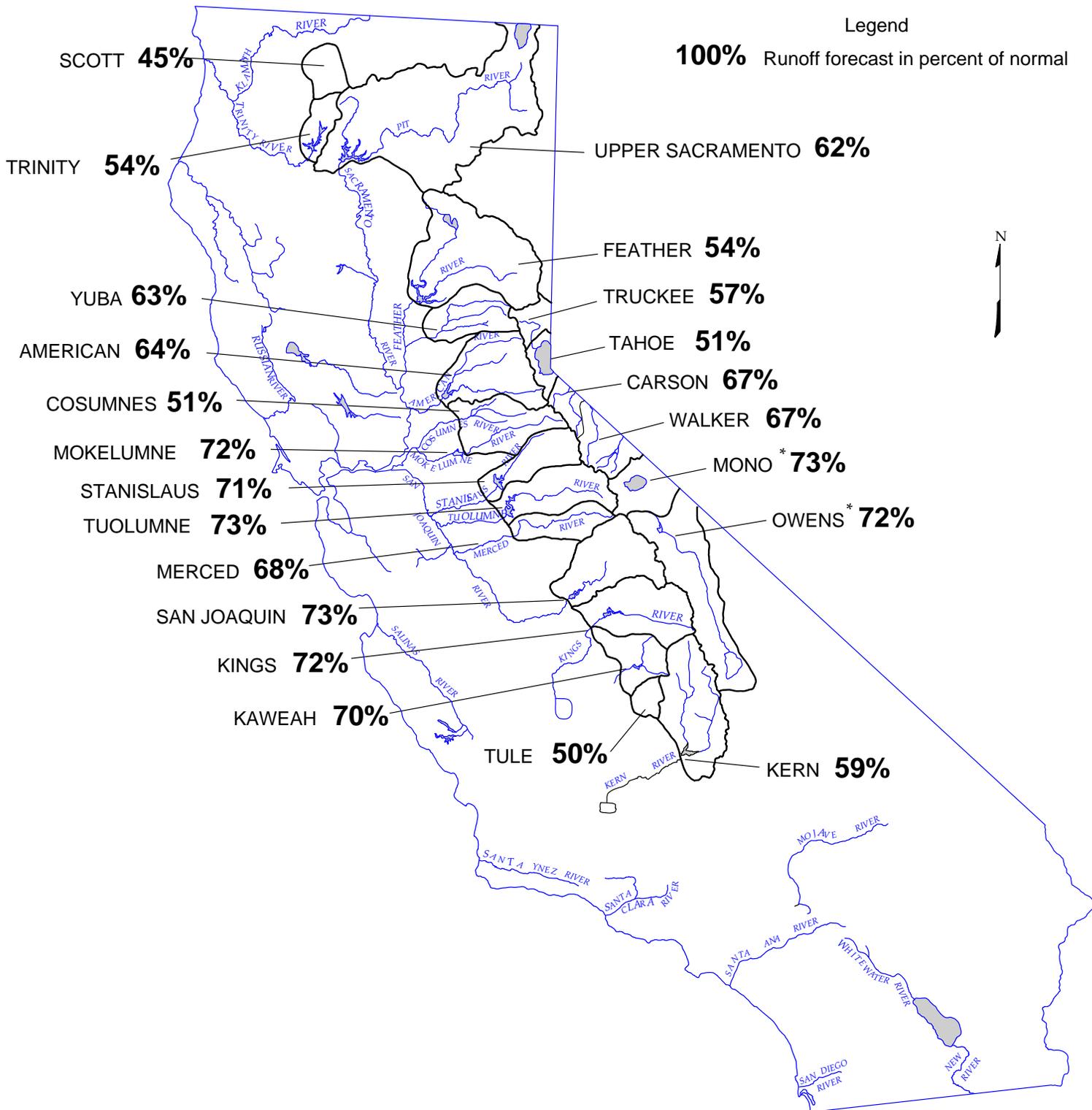
SEASONAL PRECIPITATION
 IN PERCENT OF AVERAGE TO DATE
 October 1, 2008 through January 31, 2009



WATER YEAR IS OCTOBER 1 THROUGH SEPTEMBER 30

**DEPARTMENT OF WATER RESOURCES
CALIFORNIA COOPERATIVE SNOW SURVEYS
FORECAST OF APRIL – JULY
UNIMPAIRED SNOWMELT RUNOFF**

February 1, 2009



* FORECAST BY DEPARTMENT OF WATER AND POWER, CITY OF LOS ANGELES

**FEBRUARY 1, 2009 FORECASTS
APRIL-JULY UNIMPAIRED RUNOFF**

HYDROLOGIC REGION and Watershed	Unimpaired Runoff in 1,000 Acre-Feet (1)					
	HISTORICAL			FORECAST		
	50 Yr Avg (2)	Max of Record	Min of Record	Apr-Jul Forecasts	Pct of Avg	80 % Probability Range (1)
North Coast						
Trinity River at Lewiston Lake (10)	654	1,593	80	350	54%	165 - 700
SACRAMENTO RIVER						
Upper Sacramento River						
Sacramento River at Delta above Shasta Lake	298	711	39	155	52%	
McCloud River above Shasta Lake	392	850	185	250	64%	
Pit River near Montgomery Creek + Squaw Creek	1,066	2,098	480	700	66%	
Total Inflow to Shasta Lake	1,819	3,525	726	1,120	62%	680 - 2,120
Sacramento River above Bend Bridge, near Red Bluff	2,494	5,075	943	1,420	57%	880 - 2,390
Feather River						
Feather River at Lake Almanor near Prattville (3)	333	675	120	200	60%	
North Fork at Pulga (3)	1,028	2,416	243	550	54%	
Middle Fork near Clio (4)	86	518	4	40	47%	
South Fork at Ponderosa Dam (3)	110	267	13	50	45%	
Feather River at Oroville	1,782	4,676	392	960	54%	400 - 1,980
Yuba River						
North Yuba below Goodyears Bar	279	647	51	170	61%	
Inflow to Jackson Mdws and Bowman Reservoirs (3)	112	236	25	70	63%	
South Yuba at Langs Crossing (3)	233	481	57	140	60%	
Yuba River near Smartville plus Deer Creek	1,006	2,424	200	630	63%	260 - 1,280
American River						
North Fork at North Fork Dam (3)	262	716	43	150	57%	
Middle Fork near Auburn (3)	522	1,406	100	320	61%	
Silver Creek Below Camino Diversion Dam (3)	173	386	37	110	64%	
American River below Folsom Lake	1,240	3,074	229	790	64%	320 - 1,610
SAN JOAQUIN RIVER						
Cosumnes River at Michigan Bar	126	363	8	64	51%	10 - 245
Mokelumne River						
North Fork near West Point (5)	437	829	104	300	69%	
Total Inflow to Pardee Reservoir	461	1,065	102	330	72%	130 - 630
Stanislaus River						
Middle Fork below Beardsley Dam (3)	334	702	64	230	69%	
North Fork Inflow to McKays Point Dam (3)	224	503	34	150	67%	
Stanislaus River below Goodwin Reservoir (7)	702	1,710	116	500	71%	200 - 960
Tuolumne River						
Cherry Creek & Eleanor Creek near Hetch Hetchy	315	727	97	230	73%	
Tuolumne River near Hetch Hetchy	604	1,392	153	460	76%	
Tuolumne River below La Grange Reservoir (A)	1,220	2,682	301	890	73%	400 - 1,680
Merced River						
Merced River at Pohono Bridge	372	888	80	260	70%	
Merced River below Merced Falls (9)	632	1,587	123	430	68%	180 - 900
San Joaquin River						
San Joaquin River at Mammoth Pool (7)	1,026	2,279	235	770	75%	
Big Creek below Huntington Lake (8)	91	264	11	65	71%	
South Fork near Florence Lake (7)	201	511	58	160	80%	
San Joaquin River inflow to Millerton Lake	1,254	3,355	262	910	73%	400 - 1,730
TULARE LAKE						
Kings River						
North Fork Kings River near Cliff Camp (3)	239	565	50	170	71%	
Kings River below Pine Flat Reservoir	1,224	3,113	274	880	72%	360 - 1,680
Kaweah River below Terminus Reservoir	286	814	62	200	70%	70 - 400
Tule River below Lake Success	64	259	2	32	50%	5 - 100
Kern River						
Kern River near Kernville	384	1,203	83	240	63%	
Kern River inflow to Lake Isabella	461	1,657	84	270	59%	100 - 650

(1) See inside back cover for definition

(2) All 50 year averages are based on years 1956-2005 unless otherwise noted

(3) 50 year average based on years 1941-90

(4) 44 year average based on years 1936-79

(5) 36 year average based on years 1936-72

(6) 45 year average based on years 1936-81

(7) 50 year average based on years 1953-2002

(8) 50 year average based on years 1946-1995

**FEBRUARY 1, 2009 FORECASTS
WATER YEAR UNIMPAIRED RUNOFF**

Unimpaired Runoff in 1,000 Acre-Feet (1)														
HISTORICAL			DISTRIBUTION									FORECAST		
50 Yr Avg (2)	Max of Record	Min of Record	Oct Thru Jan*	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Water Year Forecasts	Pct of Avg	80 % Probability Range (1)
1398	2990	200	113	64	155	145	140	40	25	16	13	711	51%	386 - 1328
887	1,965	165												
1,217	2,353	557												
3,159	5,150	1,484												
6,107	10,796	2,479	915	490	560	410	310	220	180	180	170	3,435	56%	2,470 - 5,690
8,907	17,180	3,294	1,215	590	920	550	400	250	220	200	190	4,535	51%	3,225 - 6,805
780	1,269	366												
2,417	4,400	666												
219	637	24												
291	562	32												
4,620	9,492	994	475	315	500	430	310	140	80	75	65	2,390	52%	1,270 - 4,165
564	1,056	102												
181	292	30												
379	565	98												
2,373	4,926	369	205	155	245	265	265	80	20	10	10	1,255	53%	665 - 2,220
616	1,234	66												
1,070	2,575	144												
318	705	59												
2,719	6,382	349	185	150	300	335	320	120	15	5	5	1,435	53%	710 - 2,865
390	1,253	20	18	25	50	34	21	7	2	0	0	157	40%	40 - 555
626	1,009	197												
755	1,800	129	45	45	70	105	150	65	10	2	1	493	65%	220 - 910
471	929	88												
1,171	2,952	155	95	60	115	170	210	100	20	5	5	780	67%	360 - 1,420
461	1,147	123												
770	1,661	258												
1,951	4,631	383	200	100	170	250	370	230	40	10	5	1,375	70%	720 - 2,430
461	1,020	92												
1,007	2,787	150	85	50	85	120	190	100	20	5	5	660	66%	320 - 1,290
1,337	2,964	308												
112	298	14												
248	653	71												
1,836	4,642	362	155	65	120	200	360	260	90	30	10	1,290	70%	650 - 2,320
284	607	58												
1,721	4,287	386	130	50	100	170	310	330	70	25	10	1,195	69%	560 - 2,170
454	1,402	94	39	17	33	55	85	50	10	4	2	295	65%	120 - 560
148	615	16	10	11	16	14	13	4	1	0	0	69	47%	15 - 195
558	1,577	163												
730	2,318	175	70	25	45	60	100	80	30	15	10	435	60%	200 - 950

* Unimpaired runoff in prior months based on measured flows

(9) Forecast point names based on USGS gage names. Stanislaus below Goodwin also known as inflow to New Melones, Tuolumne River below La Grange also known as inflow to Don Pedro, Merced River below Merced Falls also known as inflow to McClure.

(10) Coordinated Forecast by National Weather Service California-Nevada River Forecast Center and Department of Water Resources, State of California

**FEBRUARY 1, 2009 FORECASTS
APRIL-JULY UNIMPAIRED RUNOFF**

HYDROLOGIC REGION and Watershed	Apr-Jul Unimpaired Runoff in 1,000 Acre-Feet (1)				
	HISTORICAL			FORECAST	
	50 Yr Avg (2)	Max of Record	Min of Record	Apr-Jul Forecasts	Pct of Avg
NORTH COAST					
Scott River					
Scott River near Fort Jones (3)	200	400	30	90	45%
Klamath River					
Total inflow to Upper Klamath Lake (4)	515	939	149	375	73%
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NORTH LAHONTAN					
Truckee River					
Lake Tahoe to Farad accretions	261	713	52	150	57%
Lake Tahoe Rise (assuming gates closed, ft)	1.4	5.4	0.2	0.7	51%
Carson River					
West Fork Carson River at Woodfords	54	135	12	32	59%
East Fork Carson River near Gardnerville	187	407	43	130	70%
Walker River					
West Walker River below Little Walker, near Coleville	154	330	35	110	71%
East Walker River near Bridgeport	64	209	7	37	58%
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SOUTH LAHONTAN					
Owens River					
Total tributary flow to Owens River (5)	235	579	96	169	72%
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(1) See inside back cover for definition

(2) All 50 year averages are based on years 1956-2005 unless otherwise noted

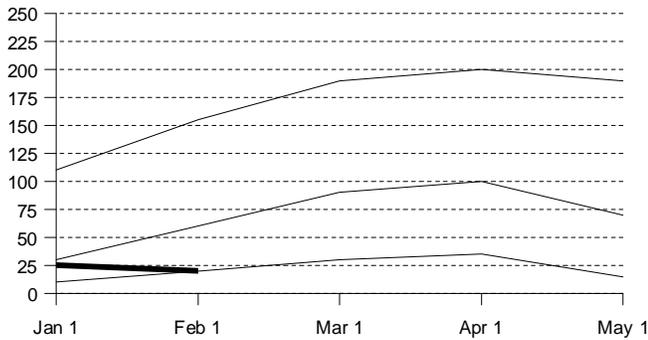
(3) Forecast by National Weather Service California-Nevada River Forecast Center.

(4) Forecast by U.S. Natural Resources Conservation Service and National Weather Service California-Nevada River Forecast Center, April through September forecast, 30 year average based on years 1971-2000.

(5) Forecast by Department of Water and Power, City of Los Angeles, average based on years 1951-2000.

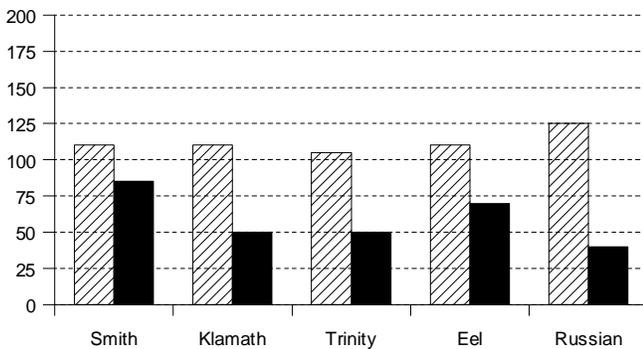
Snowpack Accumulation

Water Content in % of April 1 Average



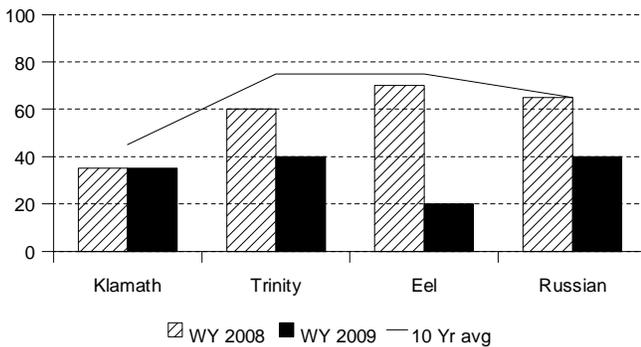
Precipitation

October 1 to date in % of Average



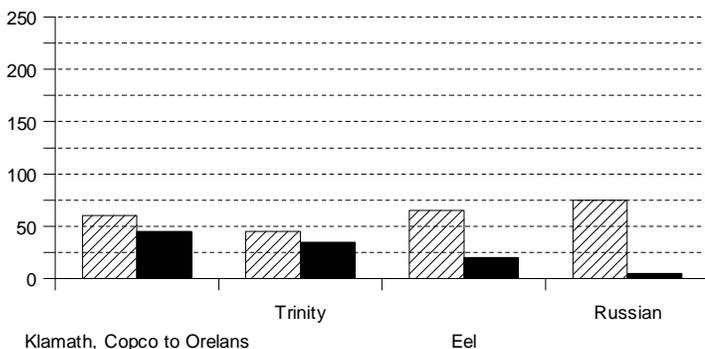
Reservoir Storage

Contents of major reservoirs in % of capacity



Runoff

October 1 to date in % of average



NORTH COAST REGION

SNOWPACK- First of the month measurements made at 7 snow courses indicate an area wide snow water equivalent of 6.4 inches. This is 35 percent of the February 1 average and 20 percent of the seasonal (April 1) average. Last year at this time the pack was holding 24.8 inches of water.

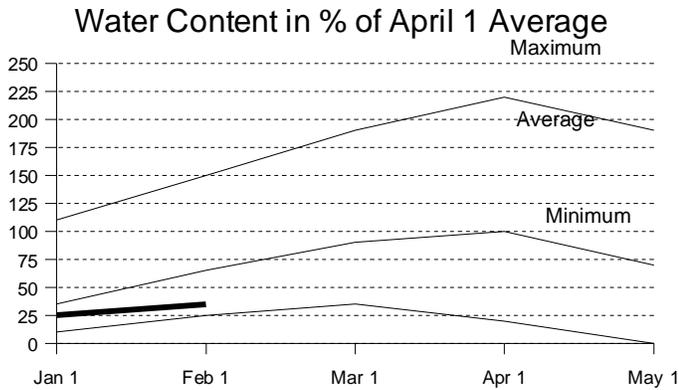
PRECIPITATION - Seasonal precipitation (October 1 through the end of last month) on this area was 60 percent of normal. Precipitation last month was about 20 percent of the monthly average. Seasonal precipitation at this time last year stood at 110 percent of normal.

RESERVOIR STORAGE- First of the month storage in 7 reservoirs was 1.2 million acre-feet which is 55 percent of average. About 40 percent of available capacity was being used. Storage in these reservoirs at this time last year was 85 percent of average.

RUNOFF -Seasonal runoff of streams draining the area totaled 1.5 million acre-feet which is 30 percent of the average for this period. Last year, runoff for the same period was 65 percent of average.

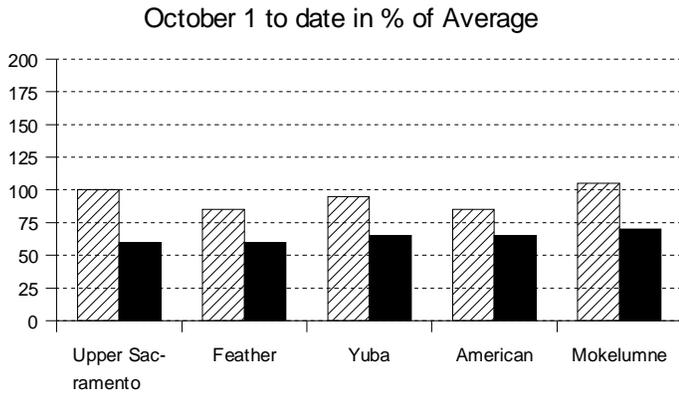
SACRAMENTO RIVER REGION

Snowpack Accumulation



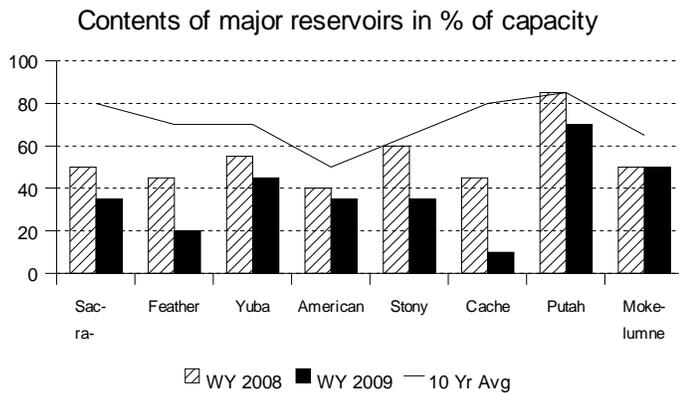
SNOWPACK- First of the month measurements made at 71 snow courses indicate an area wide snow water equivalent of 10.8 inches. This is 60 percent of the February 1 average and 35 percent of the seasonal (April 1) average. Last year at this time the pack was holding 23.2 inches of water.

Precipitation



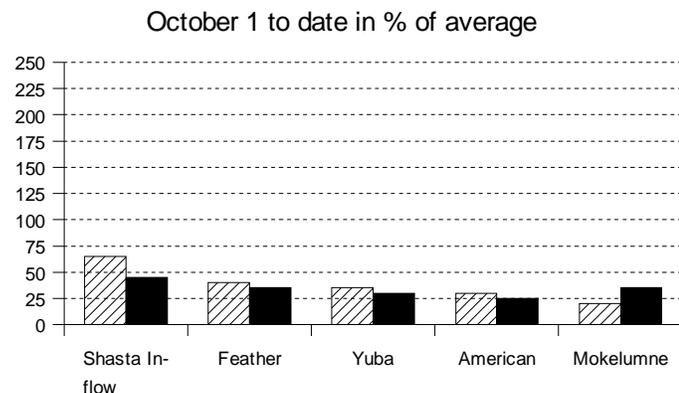
PRECIPITATION - Seasonal precipitation (October 1 through the end of last month) on this area was 60 percent of normal. Precipitation last month was about 30 percent of the monthly average. Seasonal precipitation at this time last year stood at 95 percent of normal.

Reservoir Storage



RESERVOIR STORAGE- First of the month storage in 43 reservoirs was 5.5 million acre-feet which is 50 percent of average. About 35 percent of available capacity was being used. Storage in these reservoirs at this time last year was 75 percent of average.

Runoff



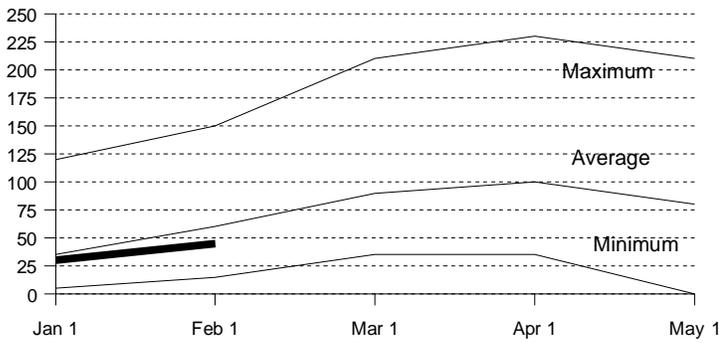
RUNOFF - Seasonal runoff of streams draining the area totaled 2.1 million acre-feet which is 35 percent of average for this period. Last year, runoff for the same period was 50 percent of average.

The **Sacramento Region 40-30-30 Water Supply Index** is forecast to be 4.6 assuming median meteorological conditions for the remainder of the year. This classifies the year as "critical" in the Sacramento Valley according to the State Water Resources Control Board.

SAN JOAQUIN RIVER AND TULARE LAKE REGIONS

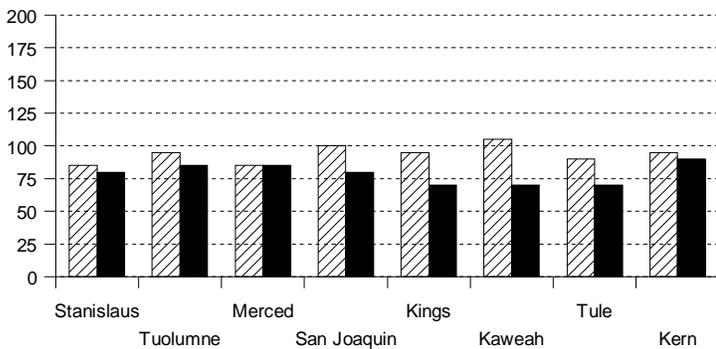
Snowpack Accumulation

Water Content in % of April 1 Average



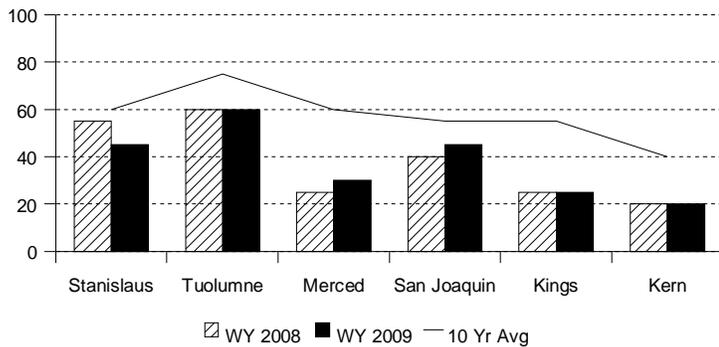
Precipitation

October 1 to date in % of Average



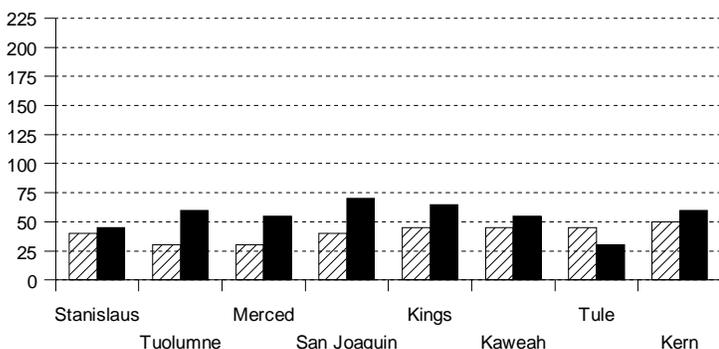
Reservoir Storage

Contents of major reservoirs in % of capacity



Runoff

October 1 to date in % of average



SNOWPACK- First of the month measurements made at 63 **San Joaquin River Region** snow courses indicate an area wide snow water equivalent of 13.8 inches. This is 70 percent of the February 1 average and 45 percent of seasonal average. Last year at this time the pack was holding 24 inches of water.

At the same time 39 **Tulare Lake Region** snow courses indicated a basin-wide snow water equivalent of 10.2 inches which is 65 percent of the average for February 1 and 40 percent of the seasonal average. Last year at this time the basin was holding 20.1 inches of water.

PRECIPITATION - Seasonal precipitation (October 1 through the end of last month) on the **San Joaquin Region** was 80 percent of normal. Precipitation last month was about 75 percent of the monthly average. Seasonal precipitation at this time last year stood at 100 percent of normal. Seasonal precipitation on the **Tulare Lake Region** was 75 percent of normal. Precipitation last month was about 50 percent of the monthly average. Seasonal precipitation at this time last year stood at 95 percent of normal.

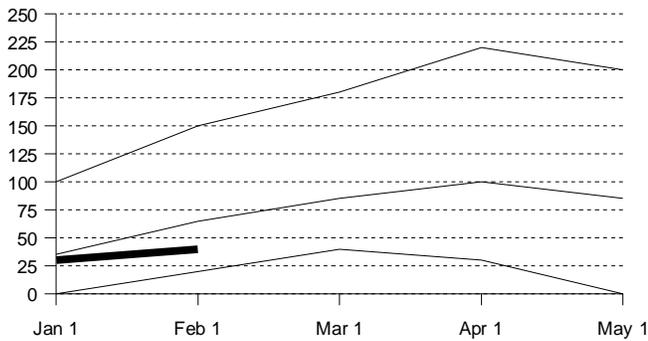
RESERVOIR STORAGE- First of the month storage in 34 **San Joaquin Region** reservoirs was 5 million acre-feet which is 75 percent of average. About 45 percent of available capacity was being used. Storage in these reservoirs at this time last year was 90 percent of average. First of the month storage in 6 **Tulare Lake Region** reservoirs was 490 thousand acre-feet which is 65 percent of average and about 25 percent of available capacity. Storage in these reservoirs at this time last year was 65 percent of average.

RUNOFF- Seasonal runoff of streams draining the **San Joaquin Region** totaled 600 thousand acre-feet which is 55 percent of average for this period. Last year, runoff for the same period was 35 percent of average. Seasonal runoff of streams draining the **Tulare Lake Basin** totaled 247 thousand acre-feet which is 60 percent of average for this period. Last year runoff for this same period was 45 percent of average. The **San Joaquin Region 60-20-20 Water Supply Index** is forecast to be 1.7 assuming 75 percent exceedance meteorological conditions. This classifies the year as "critical" in the San Joaquin Region according to the State Water Resources Control Board.

NORTH AND SOUTH LAHONTAN REGIONS

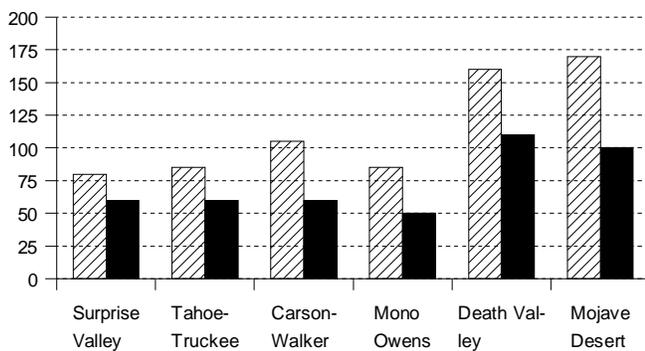
Snowpack Accumulation

Water Content in % of April 1 Average



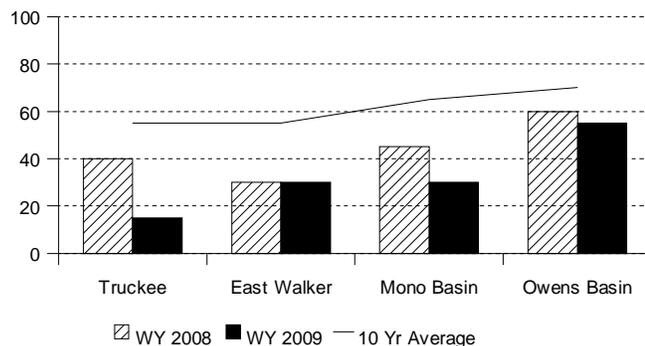
Precipitation

October 1 to date in % of Average



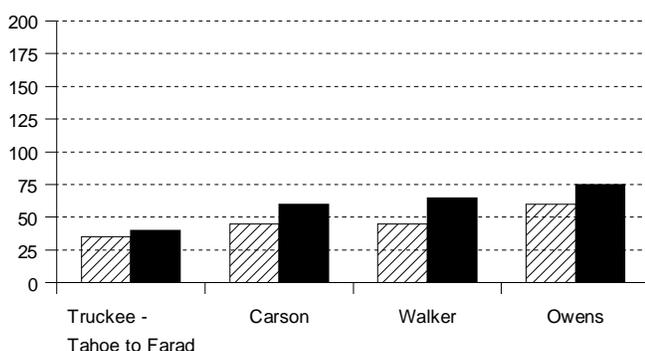
Reservoir Storage

Contents of major reservoirs in % of capacity



Runoff

October 1 to date in % of average



SNOWPACK- First of the month measurements made at 13 **North Lahontan snow** courses indicate an area wide snow water equivalent of 10.1 inches. This is 70 percent of the February 1 average and 45 percent of seasonal (April 1) average. Last year at this time the pack was holding 15.8 inches of water. At the same time 19 **South Lahontan Region** snow courses indicated a basin-wide snow water equivalent of 8.2 inches which is 60 percent of the average for February 1 and 40 percent of the seasonal average. Last year at this time the basin was holding 16.7 inches of water.

PRECIPITATION - Seasonal precipitation (October 1 through the end of last month) on the **North Lahontan Region** was 60 percent of normal. Precipitation last month was about 30 percent of the monthly average. Seasonal precipitation at this time last year stood at 90 percent of normal. Seasonal precipitation on the **South Lahontan Region** was 85 percent of normal. Precipitation last month was about 10 percent of the monthly average. Seasonal precipitation at this time last year stood at 135 percent of normal.

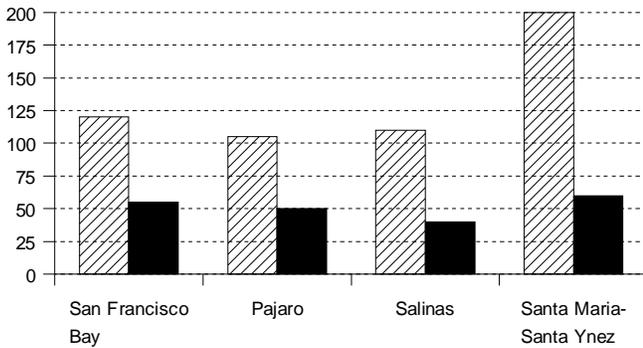
RESERVOIR STORAGE- First of the month storage in 5 **North Lahontan** reservoirs was 158 thousand acre-feet which is 30 percent of average. About 15 percent of available capacity was being used. Storage in these reservoirs at this time last year was 80 percent of average. Lake Tahoe was .3 feet above its natural rim on February 1. First of the month storage in 8 **South Lahontan** reservoirs was 240 thousand acre-feet which is 90 percent of average and about 60 percent of available capacity. Storage in these reservoirs at this time last year was 95 percent of average.

RUNOFF- Seasonal runoff of streams draining the **North Lahontan Region** totaled 80 thousand acre-feet which is 55 percent of average for this period. Last year, runoff for the same period was 40 percent of average. Seasonal runoff of the Owens River in the **South Lahontan Region** totaled 33 thousand acre-feet which is 75 percent of average for this period. Last year runoff for this same period was 65 percent of average.

SAN FRANCISCO BAY AND CENTRAL COAST REGIONS

Precipitation

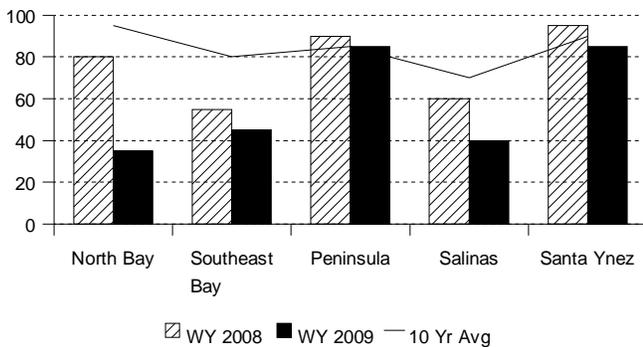
October 1 to date in % of Average



PRECIPITATION - Seasonal precipitation (October 1 through the end of last month) on the **San Francisco Bay Region** was 60 percent of normal. Precipitation last month was about 25 percent of the monthly average. Seasonal precipitation at this time last year stood at 120 percent of normal. Seasonal precipitation on the **Central Coast Region** was 50 percent of normal. Precipitation last month was about 20 percent of the monthly average. Seasonal precipitation at this time last year stood at 140 percent of normal.

Reservoir Storage

Contents of major reservoirs in % of capacity



RESERVOIR STORAGE- First of the month storage in 14 **San Francisco Bay Region** reservoirs was 270 thousand acre-feet which is 80 percent of average. About 50 percent of available capacity was being used. Storage in these reservoirs at this time last year was 105 percent of average. First of the month storage in 6 **Central Coast Region** reservoirs was 470 thousand acre-feet which is 80 percent of average and about 50 percent of available capacity. Storage in these reservoirs at this time last year was 110 percent of average.

Runoff

October 1 to date in % of average



RUNOFF- Seasonal runoff of the Napa River in the **San Francisco Bay Region** totaled 1 thousand acre-feet which is less than 5 percent of average for this period. Last year, runoff for the same period was 70 percent of average. Seasonal runoff of streams draining the **Central Coast Region** totaled 10 thousand acre-feet which is 10 percent of average for this period. Last year runoff for this same period was 105 percent of average.

SOUTH COAST REGION

PRECIPITATION - October through January (seasonal) precipitation on the **South Coast Region** was 75 percent of normal. January precipitation was 10 percent of the monthly average. Seasonal precipitation at this time last year was 115 percent of normal. Seasonal precipitation on the **Colorado River-Desert Region** was 110 percent of normal. Last year seasonal precipitation on the **Colorado River-Desert Region** was 175 percent of normal. Precipitation in January was less than 5 percent of average.

RESERVOIR STORAGE - February 1 storage in 29 major **South Coast Region** reservoirs was 1.0 million acre-feet or 75 percent of average. About 55 percent of available capacity was being used. Storage in these reservoirs at this time last year was 100 percent of average. On February 1 combined storage in Lakes Powell, Mead, Mohave and Havasu was about 27.9 million acre-feet or about 70 percent of average. About 55 percent of available capacity was in use. Last year at this time, these reservoirs were storing 65 percent of average.

RUNOFF - Seasonal runoff from selected **South Coast Region** streams totaled about 6 thousand acre-feet which is 35 percent of average. Seasonal runoff from these streams last year was 90 percent of average.

COLORADO RIVER

The April -July inflow to Lake Powell is forecast to be 8 million acre-feet, which is 100 percent of average. The February 1 snowpack in the Colorado River basin above Lake Powell was 110 percent of average, lowest in the Price/San Rafael at 85 percent and highest in the San Juan at 115 percent.

CENTRAL VALLEY PROJECT

As of January 31, 2009, CVP storage was 4.1 million acre-feet, which is a decrease of 2.0 million acre-feet compared to one year ago and is approximately 52% of normal for that date.

The Bureau of Reclamation plans to announce initial 2009 allocations on February 20, 2009. Based on a conservative water supply forecast prepared from information available January 1, 2009, and a forecasted water year inflow into Shasta Reservoir of 2.97 million acre-feet, Sacramento River water rights contractors and San Joaquin Exchange Contractors under the Shasta Criteria will receive 75%. Project water supply allocations, and any updates based upon the February 1 inflow hydrology will be available with the February 20 announcement.

**MAJOR WATER DISTRIBUTION PROJECTS
RESERVOIR STORAGE**

(AVERAGES BASED ON 1951-2000 OR PERIOD RECORD)

RESERVOIR	CAPACITY 1,000 AF	AVERAGE STORAGE 1,000 AF	2008 1,000 AF	STORAGE AT END OF January		
				2009 1,000 AF	PERCENT AVERAGE	PERCENT CAPACITY
<i>STATE WATER PROJECT</i>						
Lake Oroville	3,538	2,384	1,330	1,020	43%	29%
San Luis Reservoir (SWP)	1,062	865	768	391	45%	37%
Lake Del Valle	77	31	40	29	95%	38%
Lake Silverwood	73	65	74	70	108%	96%
Pyramid Lake	171	163	164	166	102%	97%
Castaic Lake	325	257	306	253	98%	78%
Perris Lake	132	113	72	63	55%	48%
<i>CENTRAL VALLEY PROJECT</i>						
Trinity Lake	2,448	1,763	1,421	982	56%	40%
Lake Shasta	4,552	3,133	2,179	1,416	45%	31%
Whiskeytown Lake	241	205	208	206	100%	85%
Folsom Lake	977	516	278	246	48%	25%
New Melones Reservoir	2,420	1,392	1,489	1,168	84%	48%
Millerton Lake	520	340	218	229	67%	44%
San Luis Reservoir (CVP)	971	753	774	310	41%	32%
<i>COLORADO RIVER PROJECT</i>						
Lake Mead	26,159	20,307	13,017	12,572	62%	48%
Lake Powell	24,322	18,432	10,880	13,155	71%	54%
Lake Mohave	1,810	1,677	1,663	1,647	98%	91%
Lake Havasu	619	547	555	555	101%	90%
<i>EAST BAY MUNICIPAL UTILITY DISTRICT</i>						
Pardee Res	198	178	176	175	98%	88%
Camanche Reservoir	417	249	201	142	57%	34%
East Bay (4 res.)	147	126	112	109	86%	74%
<i>CITY AND COUNTY OF SAN FRANCISCO</i>						
Hetch-Hetchy Reservoir	360	163	170	242	148%	67%
Cherry Lake	268	128	150	249	194%	93%
Lake Eleanor	26	10	2	14	148%	54%
South Bay/Peninsula (4 res.)	225	160	157	133	83%	59%
<i>CITY OF LOS ANGELES (D.W.P.)</i>						
Lake Crowley	183	123	117	107	87%	58%
Grant Lake	48	28	24	6	23%	14%
Other Aqueduct Storage (6 res.)	83	75	58	55	73%	66%

TELEMETERED SNOW WATER EQUIVALENTS

February 1, 2009

(AVERAGES BASED ON PERIOD RECORD)

BASIN NAME	STATION NAME	ELEV	INCHES OF WATER EQUIVALENT				
			APRIL 1 AVERAGE	PERCENT Feb 1 OF AVERAGE	24 HRS PREVIOUS	1 WEEK PREVIOUS	
TRINITY RIVER							
	Peterson Flat	7150'	29.2	4.0	13.6	4.0	3.6
	Red Rock Mountain	6700'	39.6	15.2	38.5	14.8	12.3
	Bonanza King	6450'	40.5	4.6	11.3	4.6	4.3
	Shimmy Lake	6400'	40.3	4.7	11.7	4.8	4.6
	Middle Boulder 3	6200'	28.3	7.2	25.6	6.8	6.2
	Highland Lakes	6030'	29.9	4.7	15.7	4.9	5.6
	Scott Mountain	5900'	16.0	1.8	11.4	1.9	1.5
	Mumbo Basin	5650'	22.4	1.9	8.5	2.0	2.4
	Big Flat	5100'	15.8	5.8	36.4	6.0	5.9
	Crowder Flat	5100'	—	2.6	—	2.8	2.7
SACRAMENTO RIVER							
	Cedar Pass	7100'	18.1	8.7	48.1	8.7	8.2
	Blacks Mountain	7050'	12.7	4.3	33.9	4.4	4.2
	Sand Flat	6750'	42.4	6.8	16.1	6.8	6.6
	Medicine Lake	6700'	32.6	7.6	23.2	7.6	7.3
	Adin Mountain	6200'	13.6	8.4	61.8	8.3	8.1
	Snow Mountain	5950'	27.0	14.6	54.2	14.6	13.1
	Slate Creek	5700'	29.0	4.3	15.0	4.5	4.6
	Stouts Meadow	5400'	36.0	8.2	22.8	8.2	8.2
FEATHER RIVER							
	Lower Lassen Peak	8250'	—	—	—	—	—
	Kettle Rock	7300'	25.5	11.1	43.7	11.1	10.3
	Grizzly Ridge	6900'	29.7	9.8	33.1	10.0	9.1
	Pilot Peak	6800'	52.6	9.1	17.3	9.1	8.5
	Gold Lake	6750'	36.5	13.2	36.2	13.2	13.0
	Humbug	6500'	28.0	11.5	41.1	12.0	12.7
	Harkness Flat	6200'	28.5	9.0	31.5	9.0	8.8
	Rattlesnake	6100'	14.0	6.6	47.1	6.6	6.2
	Bucks Lake	5750'	44.7	17.3	38.7	17.3	16.6
	Four Trees	5150'	20.0	11.8	58.8	11.8	11.3
EEL RIVER							
	Noel Spring	5100'	—	0.0	—	0.0	0.0
YUBA & AMERICAN RIVERS							
	Lake Lois	8600'	39.5	—	—	—	—
	Schneiders	8750'	34.5	20.9	60.7	20.9	19.9
	Carson Pass	8353'	—	13.2	—	13.2	12.9
	Caples Lake	8000'	30.9	9.7	31.5	9.9	11.0
	Alpha	7600'	35.9	12.4	34.5	12.6	11.5
	Meadow Lake	7200'	55.5	13.3	24.1	13.3	12.5
	Silver Lake	7100'	22.7	11.3	49.9	11.4	11.7
	Central Sierra Snow Lab	6900'	33.6	14.1	42.0	14.1	13.5
	Huysink	6600'	42.6	11.6	27.3	11.6	11.3
	Van Vleck	6700'	35.9	16.1	44.7	16.1	15.9
	Robinson Cow Camp	6480'	—	—	—	—	—
	Robbs Saddle	5900'	21.4	9.3	43.6	9.2	9.2
	Greek Store	5600'	21.0	10.8	51.4	10.8	10.4
	Blue Canyon	5280'	9.0	5.8	64.4	5.8	5.7
	Robbs Powerhouse	5150'	5.2	6.0	116.3	6.0	6.3
MOKELUMNE & STANISLAUS RIVERS							
	Deadman Creek	9250'	37.2	11.3	30.4	11.3	10.5
	Highland Meadow	8700'	47.9	10.1	21.1	10.1	7.5
	Gianelli Meadow	8400'	55.5	19.6	35.3	19.6	18.1
	Lower Relief Valley	8100'	41.2	14.7	35.7	14.7	12.8
	Blue Lakes	8000'	33.1	11.8	35.6	11.8	11.6
	Mud Lake	7900'	44.9	20.5	45.7	20.6	20.3
	Stanislaus Meadow	7750'	47.5	16.5	34.7	16.5	14.0
	Bloods Creek	7200'	35.5	13.2	37.2	13.2	12.5
	Black Springs	6500'	32.0	11.0	34.4	11.0	10.7
TUOLUMNE & MERCED RIVERS							
	Tioga Pass Entrance	9945'	—	—	—	—	—
	Dana Meadows	9800'	27.7	11.2	40.4	11.4	13.5
	Slide Canyon	9200'	41.1	18.9	46.0	18.9	18.4
	Lake Tenaya	8150'	33.1	15.3	46.3	15.3	14.9
	Tuolumne Meadows	8600'	22.6	8.2	36.2	8.3	8.7
	Horse Meadow	8400'	48.6	23.9	49.2	24.0	23.7
	Ostrander Lake	8200'	34.8	—	—	—	—
	White Wolf	7900'	—	11.0	—	11.0	10.7
	Paradise Meadow	7650'	41.3	—	—	—	—
	Gin Flat	7050'	34.2	10.2	29.7	10.2	9.3
	Lower Kibbie Ridge	6700'	27.4	7.7	28.2	7.8	7.7

SAN JOAQUIN RIVER

Volcanic Knob	10050'	30.1	6.4	21.2	6.4	6.5
Agnew Pass	9450'	32.3	13.7	42.5	13.9	14.1
Kaiser Point	9200'	37.8	10.6	28.1	10.6	—
Green Mountain	7900'	30.8	10.6	34.3	10.6	9.7
Devil's Postpile	7569'	—	—	—	—	—
Tamarack Summit	7550'	30.5	9.2	30.2	9.2	8.1
Chilkoot Meadow	7150'	38.0	12.4	32.5	12.4	11.4
Huntington Lake	7000'	20.1	11.3	56.1	11.4	10.7
Graveyard Meadow	6900'	18.8	7.4	39.6	7.4	6.7
Poison Ridge	6900'	28.9	9.5	32.8	9.5	8.8

KINGS RIVER

Bishop Pass	11200'	34.0	—	—	—	—
Charlotte Lake	10400'	27.5	—	—	—	—
State Lakes	10300'	29.0	10.3	35.5	10.1	8.1
Mitchell Meadow	9900'	32.9	15.3	46.5	15.3	14.5
Blackcap Basin	10300'	34.3	16.5	48.0	16.5	16.2
Upper Burnt Corral	9700'	34.6	16.0	46.4	16.1	16.1
West Woodchuck Meadow	9100'	32.8	10.2	31.1	10.2	—
Big Meadows	7600'	25.9	11.3	43.6	11.8	12.1

KAWEAH & TULE RIVERS

Farewell Gap	9500'	34.5	16.1	46.8	16.0	14.1
Quaking Aspen	7200'	21.0	9.7	46.1	9.8	9.7
Giant Forest	6650'	10.0	5.4	54.0	5.4	4.2

KERN RIVER

Upper Tyndall Creek	11400'	27.7	6.9	24.9	6.9	6.8
Crabtree Meadow	10700'	19.8	—	—	5.0	4.7
Chagoopa Plateau	10300'	21.8	10.0	45.8	9.6	11.3
Pascoes	9150'	24.9	12.2	49.0	12.3	12.0
Tunnel Guard Station	8900'	15.6	5.2	33.3	5.2	5.0
Wet Meadows	8950'	30.3	12.7	41.9	12.7	11.9
Casa Vieja Meadows	8300'	20.9	10.1	48.3	10.2	10.1
Beach Meadows	7650'	11.0	3.2	29.4	3.2	3.0

SURPRISE VALLEY AREA

Dismal Swamp	7050'	29.2	12.0	41.1	12.0	11.6
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TRUCKEE RIVER

Independence Lake	8450'	41.4	13.8	33.3	13.9	13.4
Big Meadows	8700'	25.7	8.2	31.9	8.2	7.6
Squaw Valley	8200'	46.5	18.9	40.6	18.8	17.9
Independence Camp	7000'	21.8	4.9	22.5	4.9	4.9
Independence Creek	6500'	12.7	5.8	45.7	6.0	5.9
Truckee 2	6400'	14.3	8.8	61.5	8.8	8.7

LAKE TAHOE BASIN

Mount Rose Ski Area	8900'	38.5	13.9	36.1	13.9	13.4
Heavenly Valley	8800'	28.1	9.8	34.9	9.7	9.1
Hagans Meadow	8000'	16.5	6.5	39.4	6.5	6.2
Marlette Lake	8000'	21.1	5.0	23.7	5.0	5.0
Echo Peak 5	7800'	39.5	15.0	38.0	15.0	15.0
Rubicon Peak 2	7500'	29.1	9.0	30.9	9.0	9.0
Tahoe City Cross	6750'	16.0	7.6	47.5	7.6	7.5
Ward Creek 3	6750'	39.4	13.9	35.3	13.9	13.5
Fallen Leaf Lake	6250'	7.0	4.9	70.0	4.9	4.9

CARSON RIVER

Ebbetts Pass	8700'	38.8	14.4	37.1	14.4	14.1
Horse Meadow	8557'	—	8.0	—	8.0	7.8
Burnside Lake	8129'	—	9.6	—	9.9	10.1
Forestdale Creek	8017'	—	14.7	—	14.6	14.5
Poison Flat	7900'	16.2	9.5	58.6	9.5	9.5
Monitor Pass	8350'	—	6.5	—	6.5	6.2
Spratt Creek	6150'	4.5	2.7	60.0	2.7	2.7

WALKER RIVER

Leavitt Lake	9600'	—	26.5	—	26.5	26.3
Summit Meadow	9313'	—	7.1	—	7.1	7.1
Virginia Lakes	9300'	20.3	6.0	29.6	6.0	5.8
Lobdell Lake	9200'	17.3	5.9	34.1	5.9	5.6
Sonora Pass Bridge	8750'	26.0	8.7	33.5	8.7	8.7
Leavitt Meadows	7200'	8.0	4.3	53.8	4.3	4.4

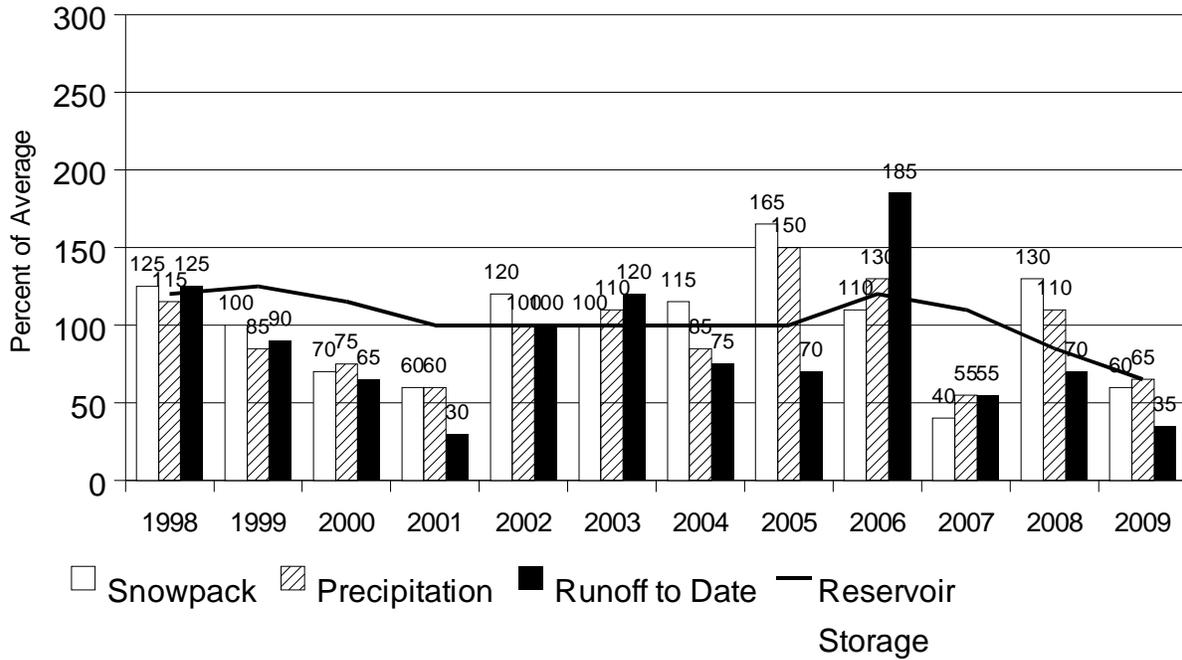
OWENS RIVER/MONO LAKE

Gem Pass	10750'	31.7	12.7	40.1	12.7	13.8
Sawmill	10200'	19.4	6.7	34.4	6.7	6.6
Cottonwood Lakes	10150'	11.6	4.9	42.2	4.9	4.9
Big Pine Creek	9800'	17.9	5.4	30.2	5.4	5.3
South Lake	9600'	16.0	5.6	35.2	5.8	5.9
Mammoth Pass	9300'	42.4	16.8	39.6	16.7	15.1
Rock Creek Lakes	9700'	14.0	5.1	36.5	5.1	4.9

NORMAL SNOWPACK ACCUMULATION EXPRESSED AS A PERCENT OF APRIL 1ST AVERAGE

AREA	JANUARY	FEBRUARY	MARCH	APRIL	MAY
Central Valley North	45%	15 70%	90%	100%	75%
Central Valley South	45%	65%	85%	100%	80%
North Coast	40%	60%	85%	100%	80%

February 1 Statewide Conditions



SNOWLINES

The 77th Western Snow Conference (WSC) annual meeting will be held in Canmore, Alberta. This meeting will be hosted by the North Continental Region. Further information is at <http://www.westernsnowconference.org/> or contact Frank Gehrke 916-574-2635

Depicted on this month's cover is a member of the DWR snow survey team at the Little Whitney snow course at 8500 feet in the Kern River basin making the 2007 February 1 measurement.