

Summary of Water Conditions March 1, 2009

After a poor start to the water year, a couple of major storm events boosted precipitation and snowpack amounts to improve water conditions from last month's grim outlook. However, more precipitation is needed to restore storage levels to near normal levels. Absent a very wet remaining spring quarter, shortages in water supplies for some areas of California are certain.

Forecasts of April through July runoff are 75 percent of average statewide, with percentages fairly evenly distributed from north to south over the Sierra. Water year runoff forecasts are lower at 65 percent, reflecting the dry conditions of last year and the paucity of January precipitation.

Snowpack water content is about 80 percent of average for this time of year compared to 130 percent last year. The pack is about 70 percent of the April 1 average, the normal date of maximum accumulation. The best percentages are in the southern Sierra.

Precipitation from October through February improved to about 80 percent of average compared to 100 percent one year ago. February precipitation was well above average at 130 percent of average for the month. Seasonal percentages range from a bit over 100 percent in the southeastern desert regions to 65 percent in the North Lahontan region and 70 percent on the North Coast.

Runoff continued much below average at 45 percent compared to 60 percent last year. Runoff in February was 65 percent of average for the month. Estimated runoff of the eight major rivers of the Sacramento and San Joaquin River region in February was 2.3 million acre-feet.

Reservoir storage is about 70 percent of average statewide compared to 85 percent last year. Shasta and Oroville gained about 0.9 million acre-feet during the month, but are still only about 60 and 55 percent of average, respectively. Statewide storage at the end of February 1991 was about 50 percent of average and it was also about 50 percent of average in 1977.

SUMMARY OF WATER CONDITIONS IN PERCENT OF AVERAGE

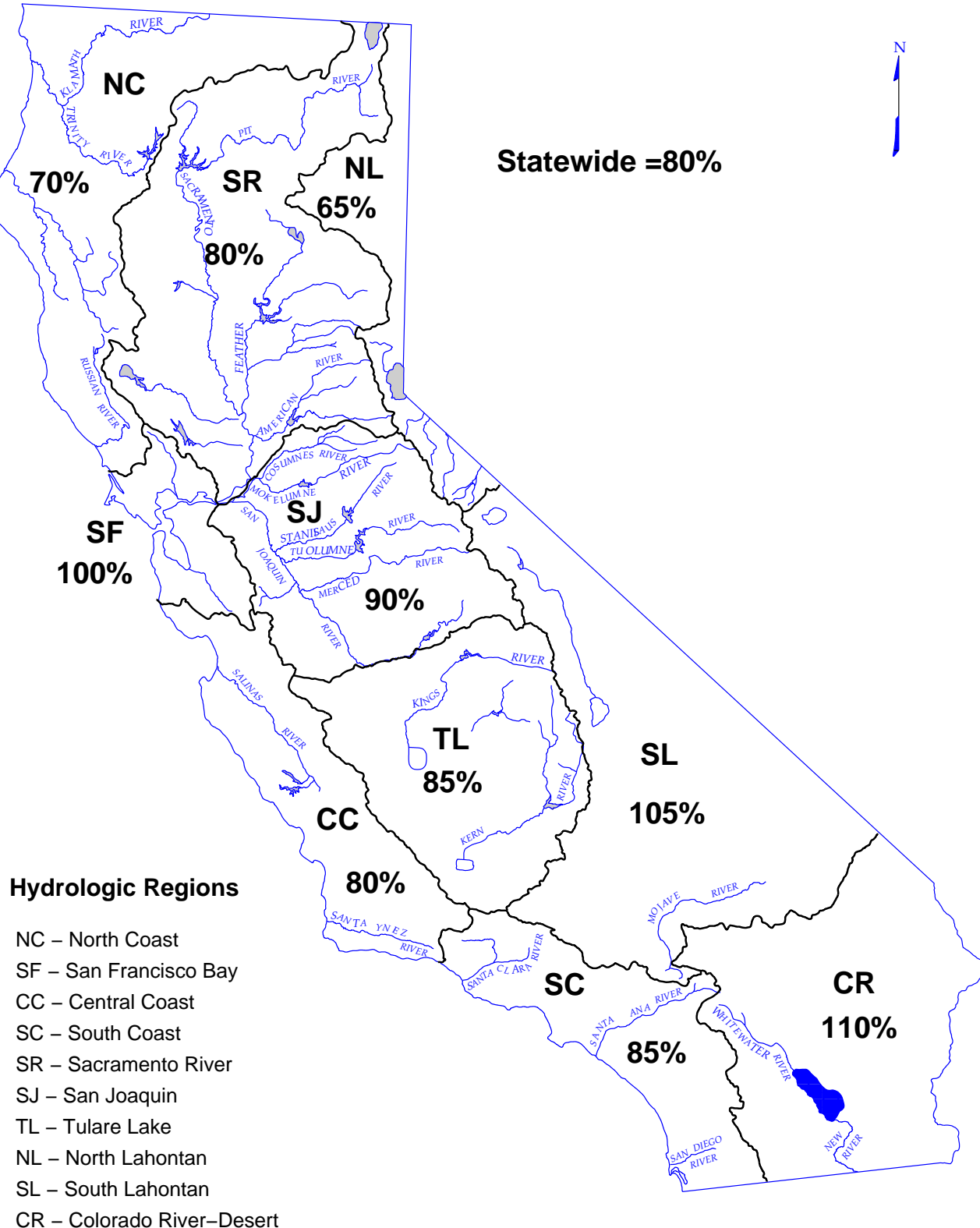
HYDROLOGIC REGION	PRECIPITATION OCTOBER 1 TO DATE	MARCH 1 SNOW WATER CONTENT	MARCH 1 RESERVOIR STORAGE	RUNOFF OCTOBER 1 TO DATE	APR-JULY RUNOFF FORECAST	WATER YEAR RUNOFF FORECAST
NORTH COAST	70	65	60	35	70	60
SAN FRANCISCO BAY	100	--	90	30	--	--
CENTRAL COAST	80	--	80	25	--	--
SOUTH COAST	85	--	90	40	--	--
SACRAMENTO RIVER	80	80	70	50	70	60
SAN JOAQUIN RIVER	90	90	75	60	80	70
TULARE LAKE	85	90	65	60	75	70
NORTH LAHONTAN	65	75	30	55	65	65
SOUTH LAHONTAN	105	75	95	80	75	75
COLORADO RIVER- DESERT	110	--	--	--	--	--
STATEWIDE	80	80	70	45	75	65

DEPARTMENT OF WATER RESOURCES

CALIFORNIA COOPERATIVE SNOW SURVEYS

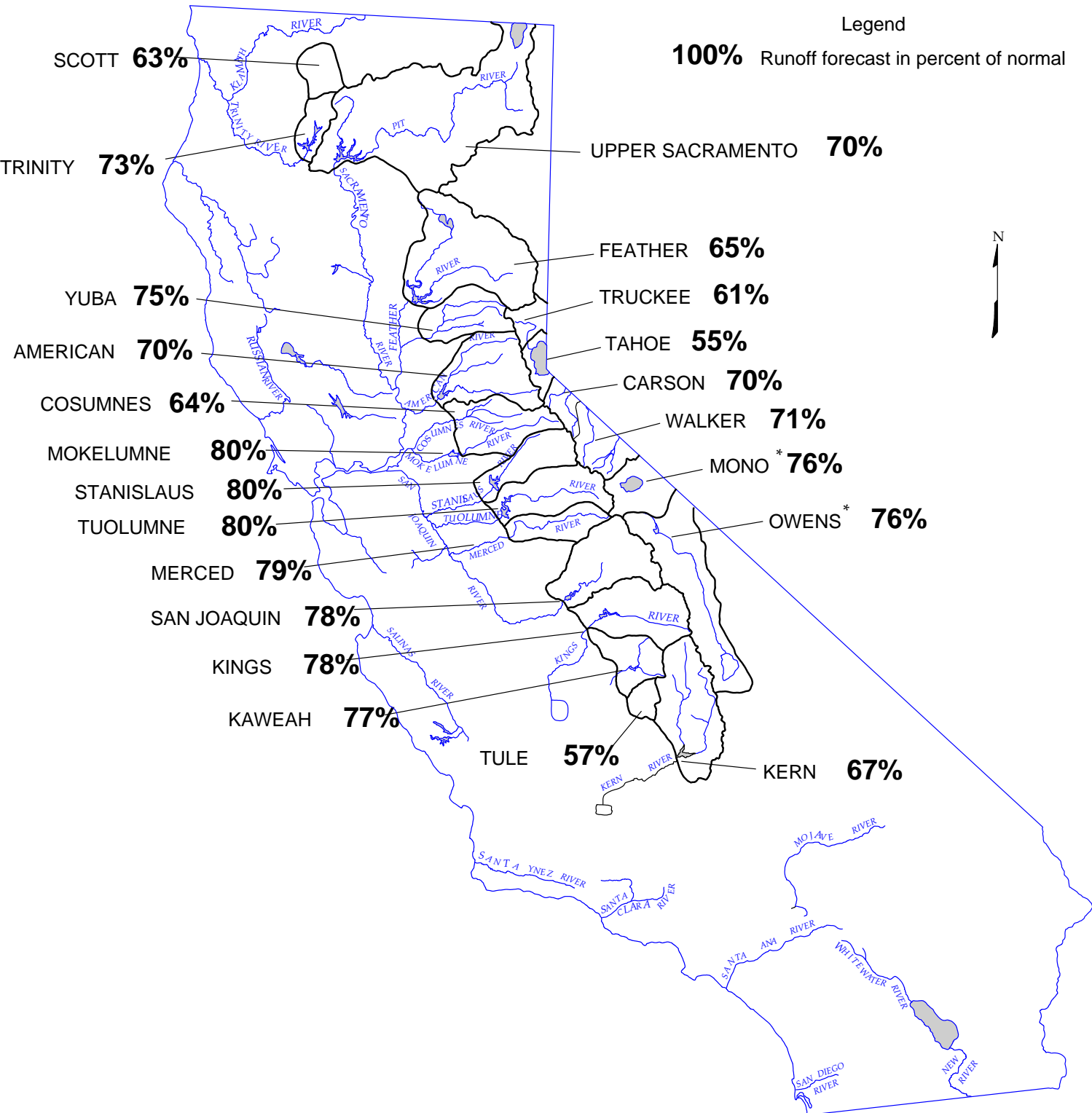
SEASONAL PRECIPITATION

IN PERCENT OF AVERAGE TO DATE
 October 1, 2008 through February 28, 2009



WATER YEAR IS OCTOBER 1 THROUGH SEPTEMBER 30

**DEPARTMENT OF WATER RESOURCES
CALIFORNIA COOPERATIVE SNOW SURVEYS
FORECAST OF APRIL – JULY
UNIMPAIRED SNOWMELT RUNOFF
March 1, 2009**



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

**MARCH 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	480	73%	320 - 790
SACRAMENTO RIVER						
Upper Sacramento River						
Sacramento River at Delta above Shasta Lake	298	711	39	210	70%	
McCloud River above Shasta Lake	392	850	185	300	76%	
Pit River near Montgomery Creek + Squaw Creek	1,066	2,098	480	740	69%	
Total Inflow to Shasta Lake	1,819	3,525	726	1,270	70%	910 - 2,170
Sacramento River above Bend Bridge, near Red Bluff	2,494	5,075	943	1,680	67%	1,160 - 2,600
Feather River						
Feather River at Lake Almanor near Prattville (3)	333	675	120	230	69%	
North Fork at Pulga (3)	1,028	2,416	243	650	63%	
Middle Fork near Clio (4)	86	518	4	50	58%	
South Fork at Ponderosa Dam (3)	110	267	13	60	55%	
Feather River at Oroville	1,782	4,676	392	1,150	65%	620 - 2,000
Yuba River						
North Yuba below Goodyears Bar	279	647	51	210	75%	
Inflow to Jackson Mdws and Bowman Reservoirs (3)	112	236	25	80	71%	
South Yuba at Langs Crossing (3)	233	481	57	160	69%	
Yuba River near Smartsville plus Deer Creek	1,006	2,424	200	750	75%	410 - 1,300
American River						
North Fork at North Fork Dam (3)	262	716	43	170	65%	
Middle Fork near Auburn (3)	522	1,406	100	360	69%	
Silver Creek Below Camino Diversion Dam (3)	173	386	37	120	69%	
American River below Folsom Lake	1,240	3,074	229	870	70%	480 - 1,600
SAN JOAQUIN RIVER						
Cosumnes River at Michigan Bar	126	363	8	80	64%	30 - 185
Mokelumne River						
North Fork near West Point (5)	437	829	104	330	76%	
Total Inflow to Pardee Reservoir	461	1,065	102	370	80%	210 - 610
Stanislaus River						
Middle Fork below Beardsley Dam (3)	334	702	64	260	78%	
North Fork Inflow to McKays Point Dam (3)	224	503	34	170	76%	
Stanislaus River below Goodwin Reservoir (7)	702	1,710	116	560	80%	350 - 950
Tuolumne River						
Cherry Creek & Eleanor Creek near Hetch Hetchy	315	727	97	250	79%	
Tuolumne River near Hetch Hetchy	604	1,392	153	500	83%	
Tuolumne River below La Grange Reservoir (A)	1,220	2,682	301	980	80%	670 - 1,600
Merced River						
Merced River at Pohono Bridge	372	888	80	300	81%	
Merced River below Merced Falls (9)	632	1,587	123	500	79%	320 - 850
San Joaquin River						
San Joaquin River at Mammoth Pool (7)	1,026	2,279	235	830	81%	
Big Creek below Huntington Lake (8)	91	264	11	70	77%	
South Fork near Florence Lake (7)	201	511	58	170	85%	
San Joaquin River inflow to Millerton Lake	1,254	3,355	262	980	78%	620 - 1,570
TULARE LAKE						
Kings River						
North Fork Kings River near Cliff Camp (3)	239	565	50	190	79%	
Kings River below Pine Flat Reservoir	1,224	3,113	274	960	78%	610 - 1,550
Kaweah River below Terminus Reservoir	286	814	62	220	77%	130 - 370
Tule River below Lake Success	64	259	2	36	57%	17 - 85
Kern River						
Kern River near Kernville	384	1,203	83	270	70%	
Kern River inflow to Lake Isabella	461	1,657	84	310	67%	190 - 590

(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

**MARCH 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	77	170	175	200	75	30	15	10	866	62%	643 - 1301
887	1,965	165												
1,217	2,353	557												
3,159	5,150	1,484												
6,107	10,796	2,479	915	665	610	460	360	250	200	180	180	3,820	63%	3,185 - 5,410
8,907	17,180	3,294	1,215	1,035	960	630	470	330	250	215	220	5,325	60%	4,335 - 6,940
780	1,269	366												
2,417	4,400	666												
219	637	24												
291	562	32												
4,620	9,492	994	475	475	450	485	380	180	105	80	70	2,700	58%	1,930 - 3,995
564	1,056	102												
181	292	30												
379	565	98												
2,373	4,926	369	205	230	250	310	300	110	30	15	15	1,465	62%	1,025 - 2,255
616	1,234	66												
1,070	2,575	144												
318	705	59												
2,719	6,382	349	185	240	280	360	350	135	25	10	5	1,590	58%	1,100 - 2,620
390	1,253	20	18	34	45	40	29	9	2	1	0	178	46%	95 - 345
626	1,009	197												
755	1,800	129	45	40	60	120	165	75	10	2	1	518	69%	330 - 810
471	929	88												
1,171	2,952	155	95	75	100	180	230	125	25	5	5	840	72%	590 - 1,310
461	1,147	123												
770	1,661	258												
1,951	4,631	383	200	115	150	260	400	270	50	15	5	1,465	75%	1,100 - 2,190
461	1,020	92												
1,007	2,787	150	85	60	80	135	215	125	25	10	0	735	73%	520 - 1,150
1,337	2,964	308												
112	298	14												
248	653	71												
1,836	4,642	362	155	80	120	210	380	300	90	30	15	1,380	75%	950 - 2,070
284	607	58												
1,721	4,287	386	130	65	100	200	380	300	80	25	10	1,290	75%	890 - 1,970
454	1,402	94	39	23	33	59	90	58	13	4	2	321	71%	210 - 500
148	615	16	10	9	22	17	13	5	1	0	0	77	52%	45 - 160
558	1,577	163												
730	2,318	175	70	25	40	70	120	85	35	20	10	475	65%	320 - 820

* 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

**MARCH 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	125	63%
Klamath River					
Total inflow to Upper Klamath Lake (4)	515	939	149	365	71%
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NORTH LAHONTAN					
Truckee River					
Lake Tahoe to Farad accretions	261	713	52	160	61%
Lake Tahoe Rise (assuming gates closed, ft)	1.4	5.4	0.2	0.8	55%
Carson River					
West Fork Carson River at Woodfords	54	135	12	36	66%
East Fork Carson River near Gardnerville	187	407	43	135	72%
Walker River					
West Walker River below Little Walker, near Coleville	154	330	35	115	75%
East Walker River near Bridgeport	64	209	7	40	63%
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SOUTH LAHONTAN					
Owens River					
Total tributary flow to Owens River (5)	235	579	96	178	76%
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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.

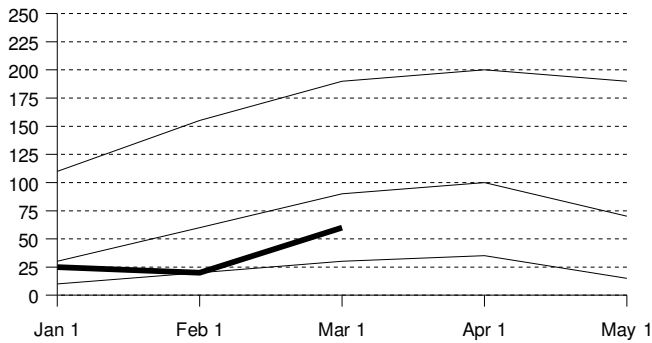
(4) Forecast by U.S. Natural Resources Conservation Service and National Weather Service California-Nevada River Forecast Center, April through September forecast, 30 year average based on years 1971-2000.

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

NORTH COAST REGION

Snowpack Accumulation

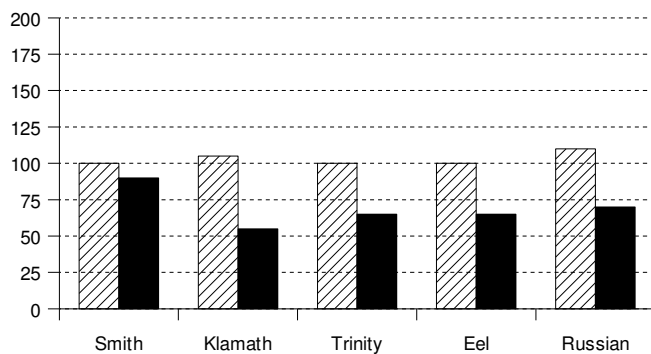
Water Content in % of April 1 Average



SNOWPACK- First of the month measurements made at 6 snow courses indicate an area wide snow water equivalent of 15.8 inches. This is 65 percent of the March 1 average and 60 percent of the seasonal (April 1) average. Last year at this time the pack was holding 34.2 inches of water.

Precipitation

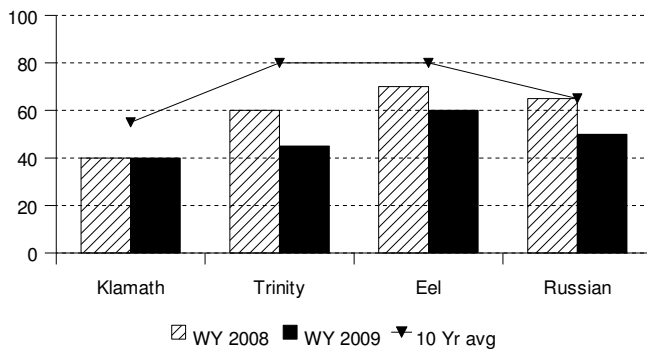
October 1 to date in % of Average



PRECIPITATION - Seasonal precipitation (October 1 through the end of last month) on this area was 70 percent of normal. Precipitation last month was about 110 percent of the monthly average. Seasonal precipitation at this time last year stood at 100 percent of normal.

Reservoir Storage

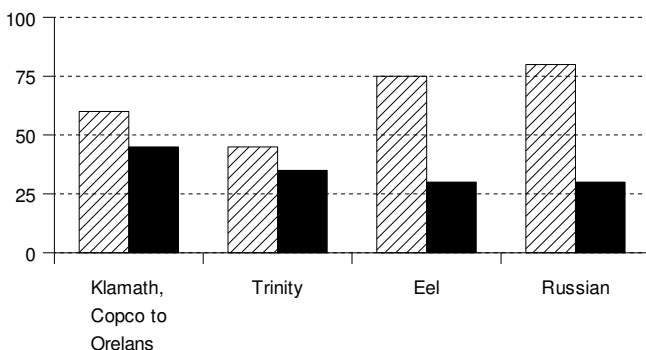
Contents of major reservoirs in % of capacity



RESERVOIR STORAGE- First of the month storage in 6 reservoirs was 1.4 million acre-feet which is 60 percent of average. About 45 percent of available capacity was being used. Storage in these reservoirs at this time last year was 85 percent of average.

Runoff

October 1 to date in % of average

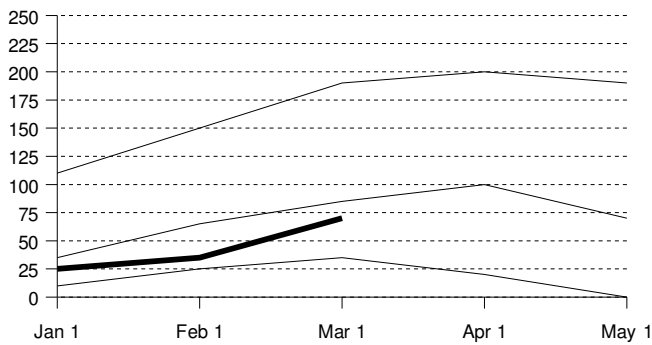


RUNOFF -Seasonal runoff of streams draining the area totaled 2.7 million acre-feet which is 35 percent of the average for this period. Last year, runoff for the same period was 70 percent of average.

SACRAMENTO RIVER REGION

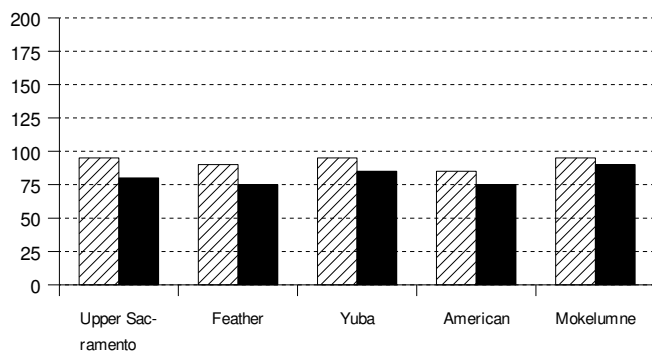
Snowpack Accumulation

Water Content in % of April 1 Average



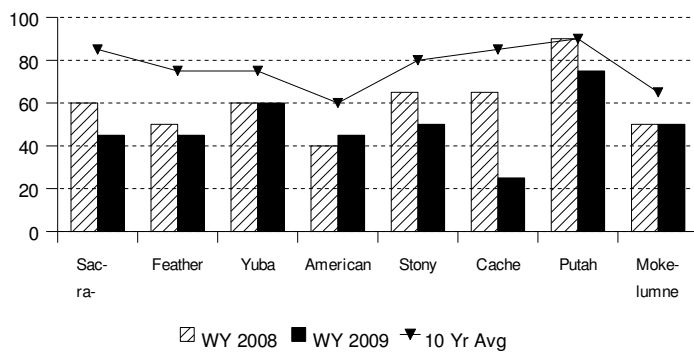
Precipitation

October 1 to date in % of Average



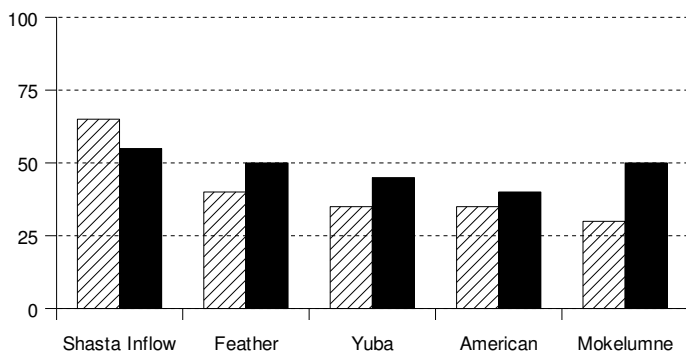
Reservoir Storage

Contents of major reservoirs in % of capacity



Runoff

October 1 to date in % of average



SNOWPACK- First of the month measurements made at 61 snow courses indicate an area wide snow water equivalent of 20.6 inches. This is 85 percent of the March 1 average and 70 percent of the seasonal (April 1) average. Last year at this time the pack was holding 31.6 inches of water.

PRECIPITATION - Seasonal precipitation (October 1 through the end of last month) on this area was 80 percent of normal. Precipitation last month was about 145 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 43 reservoirs was 8 million acre-feet which is 70 percent of average. About 50 percent of available capacity was being used. Storage in these reservoirs at this time last year was 80 percent of average.

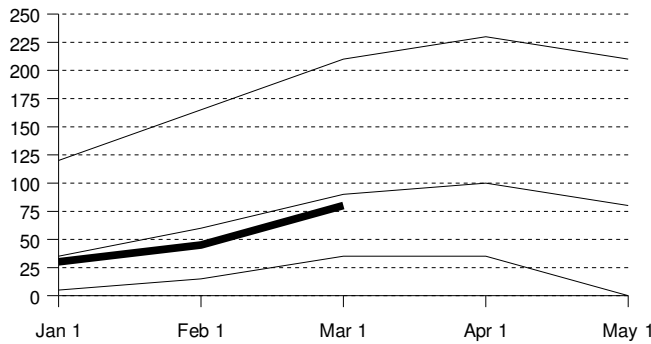
RUNOFF - Seasonal runoff of streams draining the area totaled 4.1 million acre-feet which is 50 percent of average for this period. Last year, runoff for the same period was 55 percent of average.

The **Sacramento Region 40-30-30 Water Supply Index** is forecast to be 5.1 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

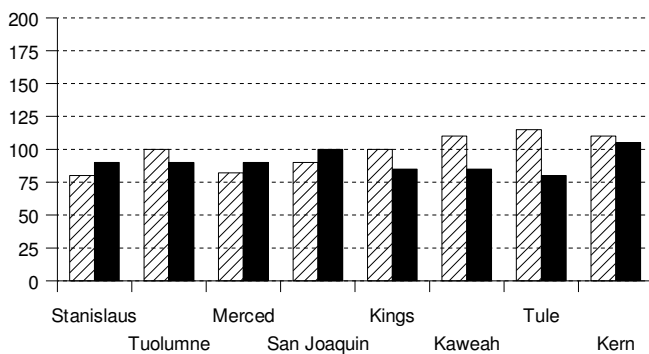
Snowpack Accumulation

Water Content in % of April 1 Average



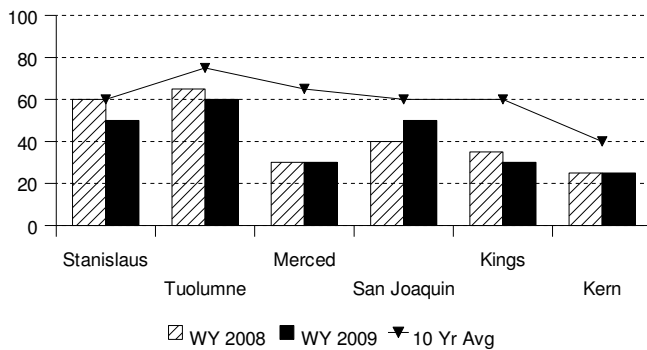
Precipitation

October 1 to date in % of Average



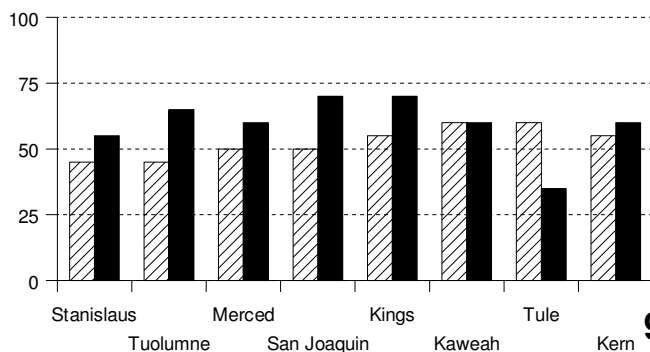
Reservoir Storage

Contents of major reservoirs in % of capacity



Runoff

October 1 to date in % of average



SNOWPACK- First of the month measurements made at 58 **San Joaquin Region** snow courses indicate an area wide snow water equivalent of 23.9 inches. This is 85 percent of the March 1 average and 75 percent of seasonal (April 1) average. Last year at this time the pack was holding 32 inches of water. At the same time 31 **Tulare Lake Region** snow courses indicated a basin-wide snow water equivalent of 18.9 inches which is 90 percent of the average for March 1 and 80 percent of the seasonal average. Last year at this time the basin was holding 29.1 inches of water.

PRECIPITATION - Seasonal precipitation (October 1 through the end of last month) on the **San Joaquin Region** was 90 percent of normal. Precipitation last month was about 120 percent of the monthly average. Seasonal precipitation at this time last year stood at 95 percent of normal. Seasonal precipitation on the **Tulare Lake Region** was 85 percent of normal. Precipitation last month was about 120 percent of the monthly average. Seasonal precipitation at this time last year stood at 105 percent of normal.

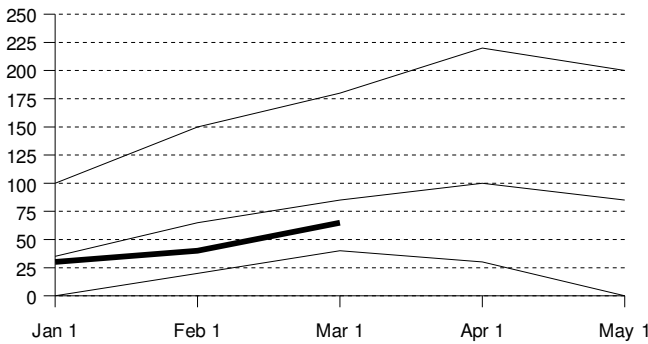
RESERVOIR STORAGE- First of the month storage in 34 **San Joaquin Region** reservoirs was 5.5 million acre-feet which is 75 percent of average. About 50 percent of available capacity was being used. Storage at this time last year was 95 percent of average. First of the month storage in 6 **Tulare Lake Region** reservoirs was 561 thousand acre-feet which is 65 percent of average and about 25 percent of available capacity. Storage in at this time last year was 70 percent of average.

RUNOFF- Seasonal runoff of streams draining the **San Joaquin Region** totaled 1 million acre-feet which is 60 percent of average for this period. Last year, runoff for the same period was 40 percent of average. Seasonal runoff of streams draining the **Tulare Lake Basin** totaled 370 thousand acre-feet which is 60 percent of average for this period. Last year runoff for this same period was 55 percent of average. The **San Joaquin Region 60-20-20 Water Supply Index** is forecast to be 2.1 assuming 75 percent 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

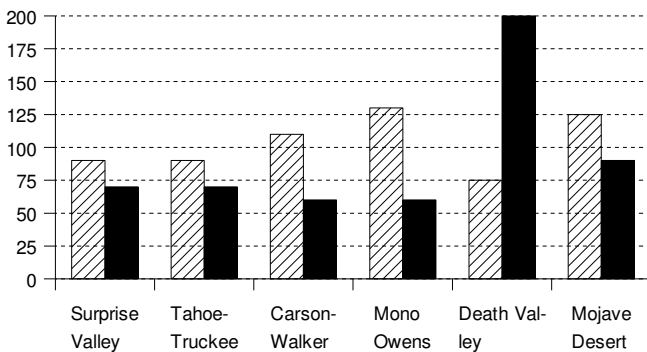
Snowpack Accumulation

Water Content in % of April 1 Average



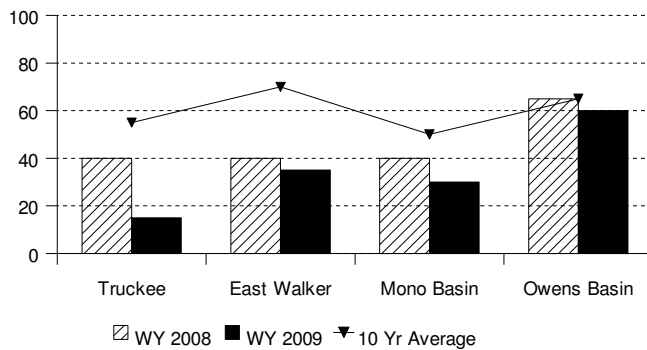
Precipitation

October 1 to date in % of Average



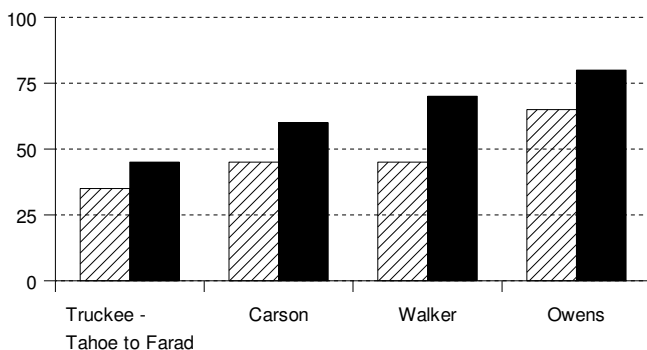
Reservoir Storage

Contents of major reservoirs in % of capacity



Runoff

October 1 to date in % of average



SNOWPACK- First of the month measurements made at 12 **North Lahontan snow** courses indicate an area wide snow water equivalent of 18.1 inches. This is 75 percent of the March 1 average and 65 percent of seasonal (April 1) average. Last year at this time the pack was holding 27.5 inches of water. At the same time 17 **South Lahontan Region** snow courses indicated a basin-wide snow water equivalent of 13.1 inches which is 75 percent of the average for March 1 and 65 percent of the seasonal average. Last year at this time the basin was holding 21.5 inches of water.

PRECIPITATION - Seasonal precipitation (October 1 through the end of last month) on the **North Lahontan** was 65 percent of normal. Precipitation last month was about 65 percent of the monthly average. Seasonal precipitation at this time last year stood at 95 percent of normal. Seasonal precipitation on the **South Lahontan** was 105 percent of normal. Precipitation last month was about 175 percent of the monthly average. Seasonal precipitation at this time last year stood at 110 percent of normal.

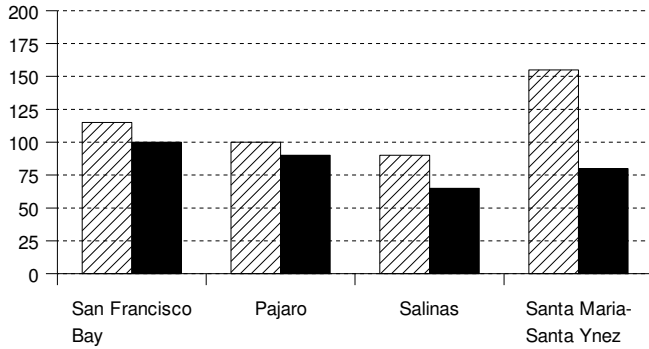
RESERVOIR STORAGE- First of the month storage in 5 **North Lahontan** reservoirs was 166 thousand acre-feet which is 30 percent of average. About 15 percent of available capacity was being used. Storage in these reservoirs at this time last year was 80 percent of average. Lake Tahoe was .3 feet above its natural rim on March 1. First of the month storage in 8 **South Lahontan** reservoirs was 247 thousand acre-feet which is 95 percent of average and about 60 percent of available capacity. Storage in these reservoirs at this time last year was 100 percent of average.

RUNOFF- Seasonal runoff of streams draining the **North Lahontan Region** totaled 112 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 43 thousand acre-feet which is 80 percent of average for this period. Last year runoff for this same period was at 65 percent of average.

SAN FRANCISCO BAY AND CENTRAL COAST REGIONS

Precipitation

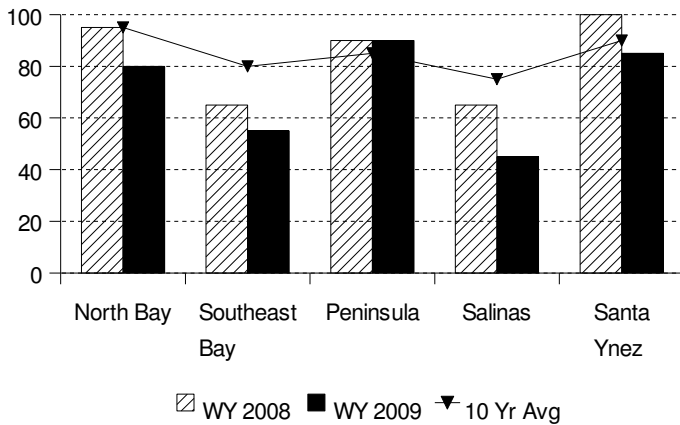
October 1 to date in % of Average



PRECIPITATION - Seasonal precipitation (October 1 through the end of last month) on the **San Francisco Bay Region** was 100 percent of normal. Precipitation last month was about 230 percent of the monthly average. Seasonal precipitation at this time last year stood at 115 percent of normal. Seasonal precipitation on the **Central Coast Region** was 80 percent of normal. Precipitation last month was about 145 percent of the monthly average. Seasonal precipitation at this time last year stood at 115 percent of normal.

Reservoir Storage

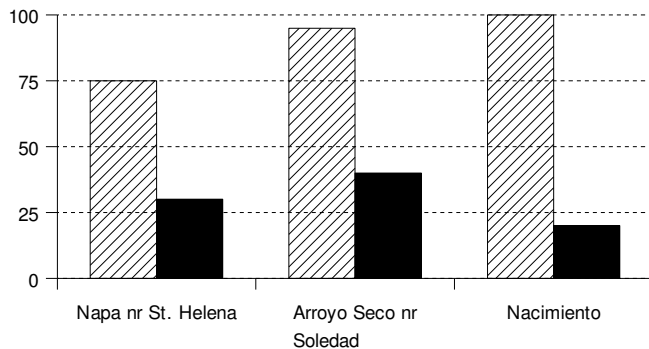
Contents of major reservoirs in % of capacity



RESERVOIR STORAGE- First of the month storage in 14 **San Francisco Bay Region** reservoirs was 346 thousand acre-feet which is 90 percent of average. About 65 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 522 thousand acre-feet which is 80 percent of average and about 55 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 16 thousand acre-feet which is 30 percent of average for this period. Last year, runoff for the same period was 75 percent of average. Seasonal runoff of streams draining the **Central Coast Region** totaled 59 thousand acre-feet which is 25 percent of average for this period. Last year runoff for this same period was 95 percent of average.

SOUTH COAST AND COLORADO RIVER REGIONS

PRECIPITATION - October through February (seasonal) precipitation on the **South Coast Region** was 85 percent of normal. February precipitation was 115 percent of the monthly average. Seasonal precipitation at this time last year was 110 percent of normal. Seasonal precipitation on the **Colorado River-Desert Region** was 110 percent of normal and last year's seasonal precipitation on the **Colorado River-Desert Region** was 110 percent of normal. Precipitation in February was 135 percent of average.

RESERVOIR STORAGE - March 1 storage in 29 major **South Coast Region** reservoirs was 1.3 million acre-feet or 90 percent of average. About 65 percent of available capacity was being used. Storage in these reservoirs at this time last year was about 85 percent of average. On March 1 combined storage in Lakes Powell, Mead, Mohave and Havasu was about 28 million acre-feet or about 68 percent of average. About 52 percent of available capacity was in use. Last year at this time, these reservoirs were storing about 26 million acre-feet.

RUNOFF - Seasonal runoff from selected **South Coast Region** streams totaled 11 thousand acre-feet which is 40 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 7.8 million acre-feet, which is 98 percent of average. The March 1 snowpack in the was 100 percent, highest in Yampa/White basins at 110 percent of average and lowest on the Duchesne at 80 percent.

STATE WATER PROJECT

On February 28, total storage in the major SWP reservoirs was about 2.44 MAF, compared with about 3.00 MAF at this time in 2008. End of month storage at Lake Oroville was about 1.36 MAF as compared to 1.45 MAF last year. The State's share of San Luis Reservoir storage was about 478 TAF, as compared to 913 TAF at this time last year. The combined storage in our southern reservoirs was about 570 TAF, compared with about 592 TAF at this time last year. SWP water deliveries through February 2009 are estimated to be about 144 TAF, which is about 12 TAF less than the same period in 2008. This is a combination of project and exchange waters. The State Water Project held its allocation at 15% (about 625 TAF) in February given the low storage conditions and continued low runoff projects for the remainder of the year.

**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 February		
				2009 1,000 AF	PERCENT AVERAGE	PERCENT CAPACITY
<i>STATE WATER PROJECT</i>						
Lake Oroville	3,538	2,523	1,449	1,361	54%	38%
San Luis Reservoir (SWP)	1,062	943	913	478	51%	45%
Lake Del Valle	77	34	41	33	97%	43%
Lake Silverwood	73	66	71	71	109%	98%
Pyramid Lake	171	163	136	165	102%	97%
Castaic Lake	325	271	312	275	102%	85%
Perris Lake	132	117	73	59	51%	45%
<i>CENTRAL VALLEY PROJECT</i>						
Trinity Lake	2,448	1,851	1,486	1,033	56%	42%
Lake Shasta	4,552	3,370	2,641	1,960	58%	43%
Whiskeytown Lake	241	207	212	211	102%	88%
Folsom Lake	977	554	371	422	76%	43%
New Melones Reservoir	2,420	1,440	1,531	1,208	84%	50%
Millerton Lake	520	345	264	298	86%	57%
San Luis Reservoir (CVP)	971	816	862	343	42%	35%
<i>COLORADO RIVER PROJECT</i>						
Lake Mead	26,159	20,494	13,062	12,539	61%	48%
Lake Powell	24,322	18,176	10,880	12,938	71%	53%
Lake Mohave	1,810	1,683	1,593	1,679	100%	93%
Lake Havasu	619	550	551	544	99%	88%
<i>EAST BAY MUNICIPAL UTILITY DISTRICT</i>						
Pardee Res	198	181	174	176	97%	89%
Camanche Reservoir	417	252	207	157	62%	38%
East Bay (4 res.)	147	132	118	119	90%	81%
<i>CITY AND COUNTY OF SAN FRANCISCO</i>						
Hetch-Hetchy Reservoir	360	148	168	236	159%	66%
Cherry Lake	268	125	152	238	190%	89%
Lake Eleanor	26	10	2	16	155%	61%
South Bay/Peninsula (4 res.)	225	172	166	153	89%	68%
<i>CITY OF LOS ANGELES (D.W.P.)</i>						
Lake Crowley	183	126	126	115	91%	63%
Grant Lake	48	27	23	7	27%	16%
Other Aqueduct Storage (6 res.)	83	75	54	54	72%	65%

TELEMETERED SNOW WATER EQUIVALENTS

March 1, 2009

(AVERAGES BASED ON PERIOD RECORD)

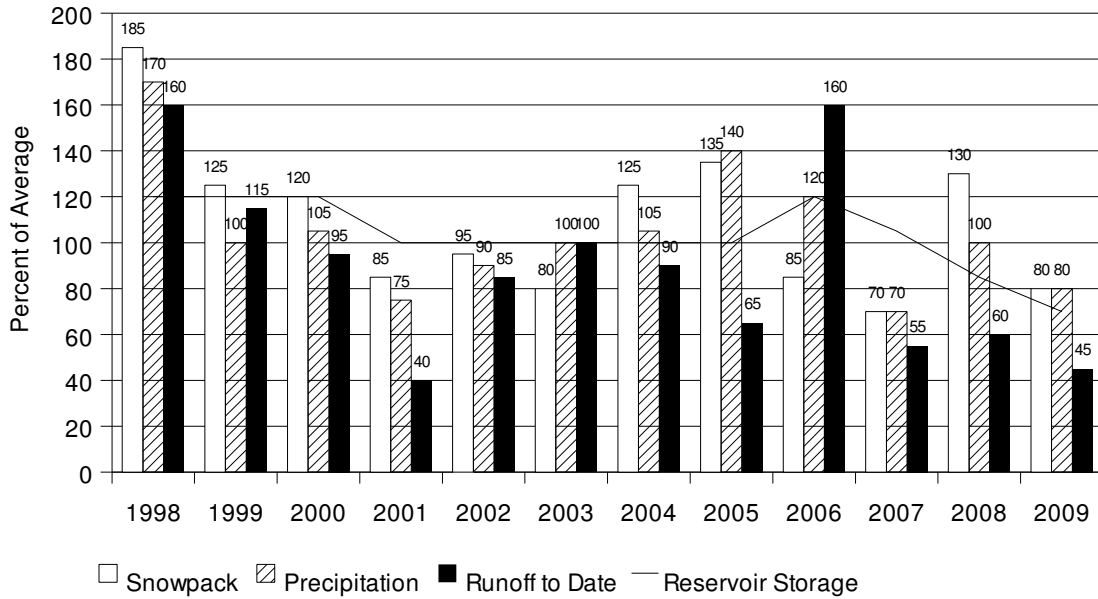
BASIN NAME	STATION NAME	ELEV	INCHES OF WATER EQUIVALENT				
			APRIL 1 AVERAGE	PERCENT Mar 1 OF AVERAGE	24 HRS PREVIOUS	1 WEEK PREVIOUS	
TRINITY RIVER							
	Peterson Flat	7150'	29.2	12.7	43.6	12.6	10.0
	Red Rock Mountain	6700'	39.6	33.5	84.6	32.5	28.6
	Bonanza King	6450'	40.5	20.3	50.1	20.3	17.0
	Shimmy Lake	6400'	40.3	28.8	71.4	27.4	19.1
	Middle Boulder 3	6200'	28.3	20.3	71.6	19.2	15.3
	Highland Lakes	6030'	29.9	21.1	70.6	20.8	19.0
	Scott Mountain	5900'	16.0	14.5	90.9	14.1	10.9
	Mumbo Basin	5650'	22.4	9.8	43.9	9.8	9.1
	Big Flat	5100'	15.8	14.0	88.8	13.9	11.8
	Crowder Flat	5100'	—	2.9	—	3.4	3.7
SACRAMENTO RIVER							
	Cedar Pass	7100'	18.1	12.2	67.4	12.3	10.5
	Blacks Mountain	7050'	12.7	7.4	58.5	7.4	6.8
	Sand Flat	6750'	42.4	19.4	45.8	19.3	15.7
	Medicine Lake	6700'	32.6	19.0	58.2	18.6	13.9
	Adin Mountain	6200'	13.6	11.2	82.4	11.3	9.7
	Snow Mountain	5950'	27.0	31.7	117.3	31.6	24.5
	Slate Creek	5700'	29.0	25.9	89.4	25.6	25.9
	Stouts Meadow	5400'	36.0	28.5	79.2	27.8	27.4
FEATHER RIVER							
	Lower Lassen Peak	8250'	—	—	—	—	—
	Kettle Rock	7300'	25.5	19.1	74.7	18.6	15.7
	Grizzly Ridge	6900'	29.7	19.8	66.7	19.8	16.0
	Pilot Peak	6800'	52.6	27.0	51.4	26.3	18.1
	Gold Lake	6750'	36.5	27.1	74.2	26.8	23.0
	Humbug	6500'	28.0	22.1	78.9	21.7	17.6
	Harkness Flat	6200'	28.5	16.2	56.7	16.1	14.3
	Rattlesnake	6100'	14.0	14.6	104.6	14.5	13.2
	Bucks Lake	5750'	44.7	35.8	80.0	35.0	34.3
	Four Trees	5150'	20.0	26.4	132.0	26.4	27.7
EEL RIVER							
	Noel Spring	5100'	—	6.7	—	6.8	7.7
YUBA & AMERICAN RIVERS							
	Lake Lois	8600'	39.5	—	—	—	—
	Schneiders	8750'	34.5	30.8	89.2	30.9	27.6
	Carson Pass	8353'	—	22.8	—	22.7	19.5
	Caples Lake	8000'	30.9	14.4	46.7	14.5	13.3
	Alpha	7600'	35.9	20.8	58.1	17.5	18.9
	Meadow Lake	7200'	55.5	29.7	53.5	29.8	23.4
	Silver Lake	7100'	22.7	18.3	80.5	17.9	15.4
	Central Sierra Snow Lab	6900'	33.6	27.6	82.1	27.6	21.8
	Huysink	6600'	42.6	21.6	50.7	21.5	19.2
	Van Vleck	6700'	35.9	28.3	78.9	28.3	25.8
	Robinson Cow Camp	6480'	—	—	—	—	—
	Robbs Saddle	5900'	21.4	17.3	80.8	17.6	17.8
	Greek Store	5600'	21.0	18.2	86.8	18.1	17.9
	Blue Canyon	5280'	9.0	11.7	130.0	11.7	12.7
	Robbs Powerhouse	5150'	5.2	11.5	221.9	11.6	11.8
MOKELUMNE & STANISLAUS RIVERS							
	Deadman Creek	9250'	37.2	18.0	48.4	17.8	16.3
	Highland Meadow	8700'	47.9	—	—	—	—
	Gianelli Meadow	8400'	55.5	29.5	53.2	29.5	26.3
	Lower Relief Valley	8100'	41.2	27.8	67.4	27.7	23.2
	Blue Lakes	8000'	33.1	17.5	52.9	17.4	15.6
	Mud Lake	7900'	44.9	36.2	80.7	36.0	30.4
	Stanislaus Meadow	7750'	47.5	32.6	68.5	32.6	27.3
	Bloods Creek	7200'	35.5	22.6	63.5	22.4	18.8
	Black Springs	6500'	32.0	19.1	59.5	19.1	18.8
TUOLUMNE & MERCED RIVERS							
	Tioga Pass Entrance	9945'	—	—	—	—	—
	Dana Meadows	9800'	27.7	20.0	72.2	19.7	19.5
	Slide Canyon	9200'	41.1	27.3	66.5	27.4	25.3
	Lake Tenaya	8150'	33.1	22.5	68.1	22.7	20.6
	Tuolumne Meadows	8600'	22.6	—	—	—	—
	Horse Meadow	8400'	48.6	37.8	77.8	37.8	33.8
	Ostrander Lake	8200'	34.8	—	—	—	—
	White Wolf	7900'	—	20.7	—	20.9	18.9
	Paradise Meadow	7650'	41.3	—	—	—	—
	Gin Flat	7050'	34.2	18.6	54.3	18.6	17.1
	Lower Kibbie Ridge	6700'	27.4	14.5	52.8	14.6	14.7

SAN JOAQUIN RIVER							
Volcanic Knob	10050'	30.1	—	—	—	8.5	
Agnew Pass	9450'	32.3	21.5	66.5	21.5	19.7	
Kaiser Point	9200'	37.8	17.5	46.2	17.5	15.7	
Green Mountain	7900'	30.8	21.2	69.0	21.2	18.1	
Devil's Postpile	7569'	—	—	—	—	—	
Tamarack Summit	7550'	30.5	20.2	66.4	20.2	18.2	
Chilkoot Meadow	7150'	38.0	26.4	69.5	26.4	24.0	
Huntington Lake	7000'	20.1	—	—	—	—	
Graveyard Meadow	6900'	18.8	16.1	85.5	16.1	14.3	
Poison Ridge	6900'	28.9	20.5	71.0	20.3	19.1	
KINGS RIVER							
Bishop Pass	11200'	34.0	—	—	—	—	
Charlotte Lake	10400'	27.5	21.8	79.3	21.8	19.9	
State Lakes	10300'	29.0	21.1	72.8	21.1	19.1	
Mitchell Meadow	9900'	32.9	24.1	73.3	24.1	22.8	
Blackcap Basin	10300'	34.3	25.9	75.5	26.0	24.1	
Upper Burnt Corral	9700'	34.6	25.6	74.0	25.6	23.6	
West Woodchuck Meadow	9100'	32.8	19.2	58.5	19.2	19.0	
Big Meadows	7600'	25.9	23.3	89.9	23.3	22.7	
KAWEAH & TULE RIVERS							
Farewell Gap	9500'	34.5	29.1	84.3	29.0	26.1	
Quaking Aspen	7200'	21.0	19.2	91.3	19.2	18.9	
Giant Forest	6650'	10.0	—	—	—	—	
KERN RIVER							
Upper Tyndall Creek	11400'	27.7	—	—	—	12.4	
Crabtree Meadow	10700'	19.8	—	—	—	—	
Chagoopa Plateau	10300'	21.8	16.6	76.2	16.6	—	
Pascoes	9150'	24.9	21.6	86.7	21.5	19.6	
Tunnel Guard Station	8900'	15.6	—	—	—	—	
Wet Meadows	8950'	30.3	23.8	78.5	23.7	21.5	
Casa Vieja Meadows	8300'	20.9	15.1	72.2	14.9	14.3	
Beach Meadows	7650'	11.0	—	—	—	—	
SURPRISE VALLEY AREA							
Dismal Swamp	7050'	29.2	18.0	61.6	18.0	15.3	
TRUCKEE RIVER							
Independence Lake	8450'	41.4	27.4	66.2	27.4	20.7	
Big Meadows	8700'	25.7	11.3	44.0	11.2	10.6	
Squaw Valley	8200'	46.5	32.3	69.5	32.1	25.6	
Independence Camp	7000'	21.8	6.0	27.5	6.3	6.9	
Independence Creek	6500'	12.7	7.1	55.9	7.4	9.0	
Truckee 2	6400'	14.3	11.4	79.7	11.8	11.9	
LAKE TAHOE BASIN							
Mount Rose Ski Area	8900'	38.5	22.0	57.1	21.9	19.4	
Heavenly Valley	8800'	28.1	13.3	47.3	13.1	12.7	
Hagans Meadow	8000'	16.5	10.1	61.2	10.4	9.7	
Marlette Lake	8000'	21.1	9.3	44.1	8.9	8.6	
Echo Peak 5	7800'	39.5	26.6	67.3	26.7	24.5	
Rubicon Peak 2	7500'	29.1	16.1	55.3	16.1	14.5	
Tahoe City Cross	6750'	16.0	10.6	66.2	10.9	11.4	
Ward Creek 3	6750'	39.4	26.0	66.0	25.7	23.5	
Fallen Leaf Lake	6250'	7.0	6.0	85.7	6.4	7.2	
CARSON RIVER							
Ebbetts Pass	8700'	38.8	22.6	58.2	22.4	20.0	
Horse Meadow	8557'	—	12.5	—	12.4	11.7	
Burnside Lake	8129'	—	15.9	—	15.8	14.2	
Forestdale Creek	8017'	—	24.6	—	24.6	22.1	
Poison Flat	7900'	16.2	12.4	76.5	12.3	11.6	
Monitor Pass	8350'	—	9.5	—	9.5	9.1	
Spratt Creek	6150'	4.5	3.5	77.8	3.7	5.7	
WALKER RIVER							
Leavitt Lake	9600'	—	42.0	—	41.7	37.5	
Summit Meadow	9313'	—	12.2	—	12.2	11.5	
Virginia Lakes	9300'	20.3	9.6	47.3	9.4	9.4	
Lobdell Lake	9200'	17.3	8.4	48.6	8.3	7.9	
Sonora Pass Bridge	8750'	26.0	12.9	49.6	12.9	11.6	
Leavitt Meadows	7200'	8.0	7.7	96.2	7.5	8.2	
OWENS RIVER/MONO LAKE							
Gem Pass	10750'	31.7	23.1	72.9	23.3	21.1	
Sawmill	10200'	19.4	10.4	53.8	10.5	10.4	
Cottonwood Lakes	10150'	11.6	9.1	78.6	9.2	9.1	
Big Pine Creek	9800'	17.9	10.3	57.4	10.3	10.0	
South Lake	9600'	16.0	10.2	63.7	10.2	9.6	
Mammoth Pass	9300'	42.4	24.8	58.6	24.8	22.9	
Rock Creek Lakes	9700'	14.0	7.5	53.8	7.7	7.4	

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

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

March 1 Statewide Conditions



SNOWLINES

The 77th Western Snow Conference (WSC) will be held in Canmore, Alberta 20-23 April 2009, hosted by the North Continental Region. For further information regarding the Western Snow Conference contact Frank Gehrke at 916-574-2635 or gridley@water.ca.gov. Information is available on the web at <http://www.westernsnowconference.org>

Depicted on this month's cover is the Guyot Flat snow course in February, 2007.