

Summary of Water Conditions

March 1, 2012

February was a big disappointment for the water community. Precipitation was only about one-third average. Since October we have had 4 consecutive dry months. Except for January, the months have been far below average. Some snow occurred during February to provide some winter sports opportunities, but added only 5 percent to the pack. The snowpack at the end of the month was only about 30 percent of average, the 3rd lowest in the past 60 years. Reservoir storage is still somewhat above average overall, but with such low expected runoff, water supplies will probably not be enough to take care of all the agricultural needs. Sacramento and San Joaquin river forecasted runoff amounts would rank this water year in the lowest 5 percent of water years, similar to 1976. About one third of the rainy season is left and some improvement may yet occur, but recovery to near normal runoff levels is unlikely.

Forecasts of the median April through July runoff are about 40 percent of average compared to 110 percent last year at this time and the actual runoff was 180 percent at the end of the year. All regions have low percentages, although the North Coast is a bit better. Water year runoff forecasts are also about 40 percent of average.

Snowpack water content is about 30 percent of average for this date compared to 125 percent a year ago. The pack is only about 25 percent of the April 1 average, which is normally the date of maximum accumulation. The central Sierra region percentages are a bit lower. In the last 60 years, the only years with less snow on March 1 were 1991 and 1977.

Precipitation from October through February was about 55 percent of average compared to 125 percent last year. February statewide precipitation was about 35 percent of average for the month. Seasonal precipitation was slightly heavier on the North Coast at 65 percent and lightest in the eastern desert regions.

Runoff so far has been about 35 percent of average for the season; but fell to 25 percent in February due to dry conditions. Last year seasonal runoff was about average at 100 percent. Estimated runoff of the eight major rivers of the Sacramento and San Joaquin regions in February was about 0.74 million acre-feet.

Reservoir storage remains the bright spot at about 105 percent of average due to carryover from last year. Last year statewide storage stood at 110 percent.

SUMMARY OF WATER CONDITIONS IN PERCENT OF AVERAGE

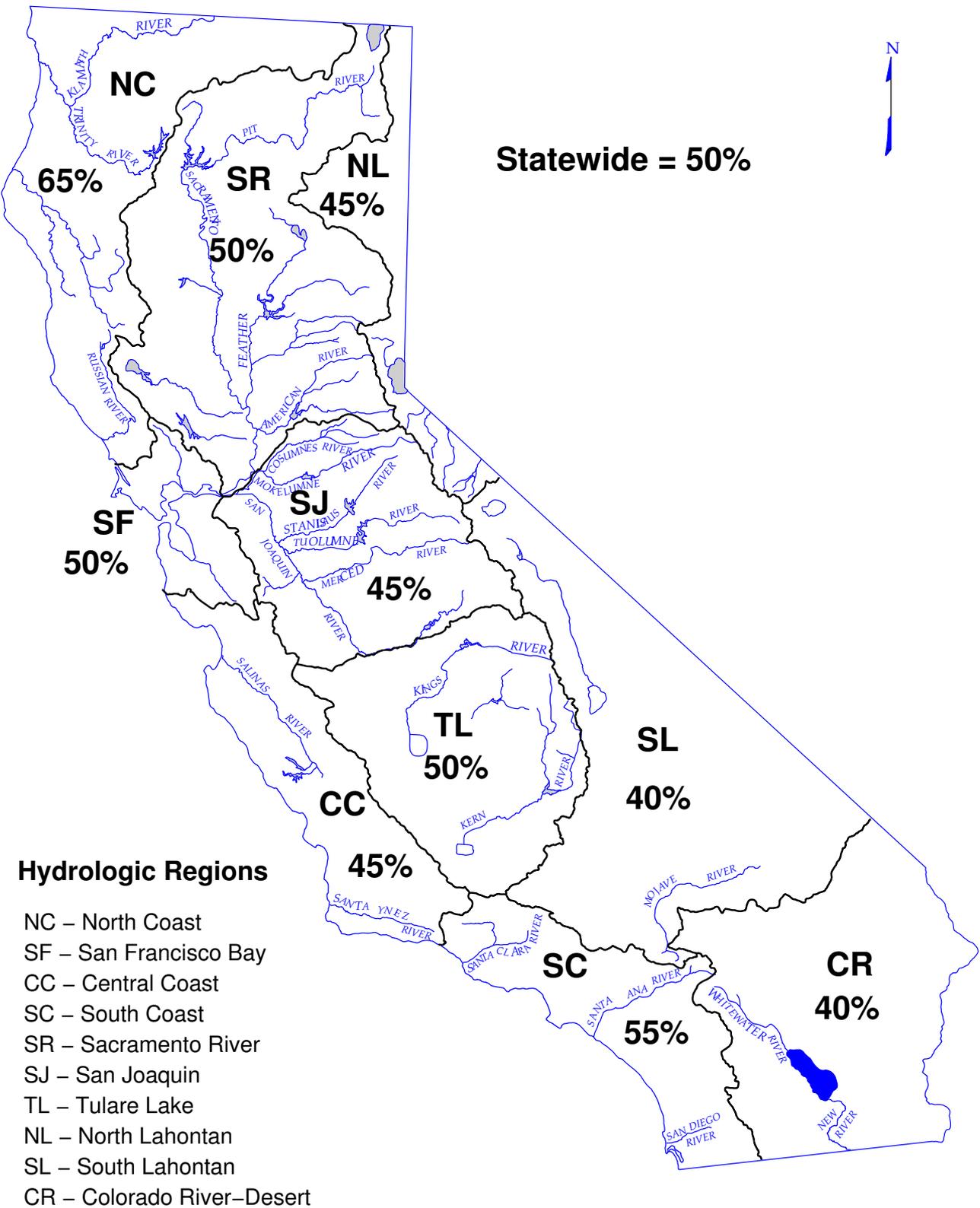
HYDROLOGIC REGION	PRECIPITATION OCTOBER 1 TO DATE	MARCH 1 SNOW WATER CONTENT	MARCH 1 RESERVOIR STORAGE	RUNOFF OCTOBER 1 TO DATE	APR-JULY RUNOFF FORECAST	WATER YEAR RUNOFF FORECAST
NORTH COAST	65	50	105	30	50	40
SAN FRANCISCO BAY	50	--	85	10	--	--
CENTRAL COAST	45	--	110	15	--	--
SOUTH COAST	55	--	95	45	--	--
SACRAMENTO RIVER	50	25	95	35	45	45
SAN JOAQUIN RIVER	45	25	115	35	35	40
TULARE LAKE	50	35	115	70	40	50
NORTH LAHONTAN	45	35	135	70	35	45
SOUTH LAHONTAN	40	35	110	120	50	60
COLORADO RIVER-DESERT	40	--	--	--	--	--
STATEWIDE	50	30	105	35	40	40

DEPARTMENT OF WATER RESOURCES

CALIFORNIA COOPERATIVE SNOW SURVEYS

SEASONAL PRECIPITATION

IN PERCENT OF AVERAGE TO DATE
 October 1, 2011 through February 28, 2012



WATER YEAR IS OCTOBER 1 THROUGH SEPTEMBER 30

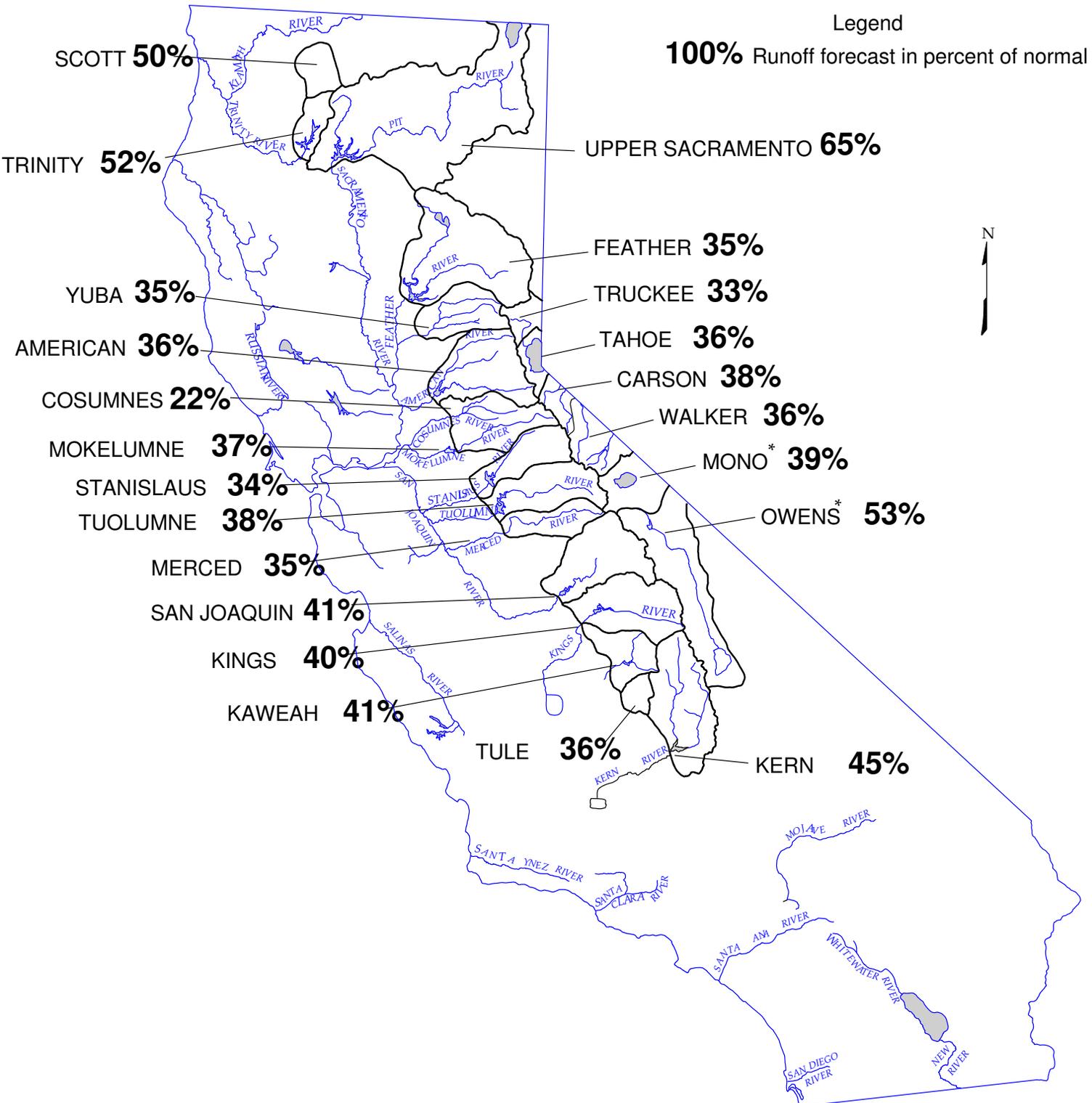
DEPARTMENT OF WATER RESOURCES

CALIFORNIA COOPERATIVE SNOW SURVEYS

FORECAST OF APRIL – JULY

UNIMPAIRED SNOWMELT RUNOFF

March 1, 2012



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

**MARCH 1, 2012 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)	651	1,593	80	340	52%	210 - 600
SACRAMENTO RIVER						
Upper Sacramento River						
Sacramento River at Delta above Shasta Lake	302	711	39	160	53%	
McCloud River above Shasta Lake	392	850	185	280	71%	
Pit River near Montgomery Creek + Squaw Creek	1,046	2,098	480	700	67%	
Total Inflow to Shasta Lake	1,806	3,525	726	1,170	65%	730 - 1,890
Sacramento River above Bend Bridge, near Red Bluff	2,485	5,075	943	1,440	58%	1,020 - 2,670
Feather River						
Feather River at Lake Almanor near Prattville (3)	333	675	120	160	48%	
North Fork at Pulga (3)	1,028	2,416	243	350	34%	
Middle Fork near Clio (4)	86	518	4	25	29%	
South Fork at Ponderosa Dam (3)	110	267	13	30	27%	
Feather River at Oroville	1,758	4,676	392	620	35%	400 - 1,660
Yuba River						
North Yuba below Goodyears Bar	279	647	51	100	36%	
Inflow to Jackson Mdws and Bowman Reservoirs (3)	112	236	25	45	40%	
South Yuba at Langs Crossing (3)	233	481	57	90	39%	
Yuba River near Smartsville plus Deer Creek	996	2,424	200	350	35%	200 - 890
American River						
North Fork at North Fork Dam (3)	262	716	43	80	31%	
Middle Fork near Auburn (3)	522	1,406	100	180	34%	
Silver Creek Below Camino Diversion Dam (3)	173	386	37	60	35%	
American River below Folsom Lake	1,231	3,074	229	440	36%	230 - 1,220
SAN JOAQUIN RIVER						
Cosumnes River at Michigan Bar	128	363	8	28	22%	10 - 145
Mokelumne River						
North Fork near West Point (5)	437	829	104	150	34%	
Total Inflow to Pardee Reservoir	461	1,065	102	170	37%	100 - 410
Stanislaus River						
Middle Fork below Beardsley Dam (3)	334	702	64	110	33%	
North Fork Inflow to McKays Point Dam (3)	224	503	34	70	31%	
Stanislaus River below Goodwin Reservoir (9)	699	1,710	116	240	34%	120 - 600
Tuolumne River						
Cherry Creek & Eleanor Creek near Hetch Hetchy	315	727	97	130	41%	
Tuolumne River near Hetch Hetchy	604	1,392	153	260	43%	
Tuolumne River below La Grange Reservoir (9)	1,221	2,682	301	470	38%	280 - 1,020
Merced River						
Merced River at Pohono Bridge	372	888	80	150	40%	
Merced River below Merced Falls (9)	636	1,587	123	220	35%	100 - 530
San Joaquin River						
San Joaquin River at Mammoth Pool (7)	1,026	2,279	235	440	43%	
Big Creek below Huntington Lake (8)	91	264	11	30	33%	
South Fork near Florence Lake (7)	201	511	58	90	45%	
San Joaquin River inflow to Millerton Lake	1,258	3,355	262	510	41%	240 - 1,020
TULARE LAKE						
Kings River						
North Fork Kings River near Cliff Camp (3)	239	565	50	100	42%	
Kings River below Pine Flat Reservoir	1,236	3,113	274	500	40%	240 - 1,020
Kaweah River below Terminus Reservoir						
	290	814	62	120	41%	70 - 280
Tule River below Lake Success						
	64	259	2	23	36%	5 - 85
Kern River						
Kern River near Kernville	384	1,203	83	180	47%	
Kern River inflow to Lake Isabella	465	1,657	84	210	45%	100 - 490

(1) See inside back cover for definition

(2) All 50 year averages are based on years 1961-2010 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, 2012 FORECASTS
WATER YEAR UNIMPAIRED RUNOFF**

HISTORICAL			Unimpaired Runoff in 1,000 Acre-Feet (1)									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)	
1376	2990	200	116	65	110	160	125	35	20	12	7	650	47%	455	- 965
876	1,965	165													
1,200	2,353	557													
3,082	5,150	1,484													
5,979	10,796	2,479	950	260	550	420	330	230	190	175	175	3,280	55%	2,500	- 4,640
8,727	17,180	3,294	1,415	350	735	520	400	290	230	200	205	4,345	50%	3,590	- 6,650
780	1,269	366													
2,417	4,400	666													
219	637	24													
291	562	32													
4,523	9,492	994	515	155	340	270	180	100	70	65	55	1,750	39%	1,360	- 3,320
564	1,056	102													
181	292	30													
379	565	98													
2,329	4,926	369	190	55	180	180	120	40	10	5	5	785	34%	550	- 1,630
616	1,234	66													
1,070	2,575	144													
318	705	59													
2,683	6,382	349	205	65	210	210	180	45	5	0	0	920	34%	610	- 2,070
385	1,253	20	21	7	24	18	8	2	0	0	0	80	21%	45	- 300
626	1,009	197													
751	1,800	129	45	15	45	70	80	20	0	0	0	275	37%	180	- 580
471	929	88													
1,167	2,952	155	100	25	75	100	100	35	5	0	0	440	38%	280	- 870
461	1,147	123													
770	1,661	258													
1,943	4,631	383	115	35	110	160	215	80	15	0	0	730	38%	485	- 1,340
461	1,020	92													
1,007	2,787	150	55	15	55	80	100	30	10	0	0	345	34%	190	- 690
1,337	2,964	308													
112	298	14													
248	653	71													
1,831	4,642	362	135	35	90	135	210	125	40	15	5	790	43%	460	- 1,370
284	607	58													
1,729	4,287	386	160	30	75	125	225	120	30	10	10	785	45%	470	- 1,410
456	1,402	94	50	12	25	35	55	25	5	2	1	210	46%	140	- 410
147	615	16	21	7	9	11	10	2	0	0	0	60	41%	30	- 150
558	1,577	163													
733	2,318	175	120	30	40	50	75	60	25	10	10	420	57%	270	- 790

(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

* Unimpaired runoff in months prior to forecast date are based on measured flows

**MARCH 1, 2012 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 nr Ft Jones (3)	181	398	22	90	50%
Klamath River					
Total inflow to Upper Klamath Lake (4)	515	618	84	235	46%
<hr/>					
NORTH LAHONTAN					
Truckee River					
Lake Tahoe to Farad accretions	256	713	52	85	33%
Lake Tahoe Rise (assuming gates closed, ft)	1.4	5.4	0.2	0.5	36%
Carson River					
West Fork Carson River at Woodfords	53	135	12	23	43%
East Fork Carson River near Gardnerville	186	407	43	70	38%
Walker River					
West Walker River below Little Walker, near Coleville	155	330	35	60	39%
East Walker River near Bridgeport	63	209	7	20	32%
<hr/>					
SOUTH LAHONTAN					
Owens River					
Total tributary flow to Owens River (5)	235	579	96	126	53%

(1) See inside back cover for definition

(2) All 50 year averages are based on years 1961-2010 unless otherwise noted

(3) Forecast by National Weather Service California-Nevada River Forecast Center. 30 yr average (1971-2000)

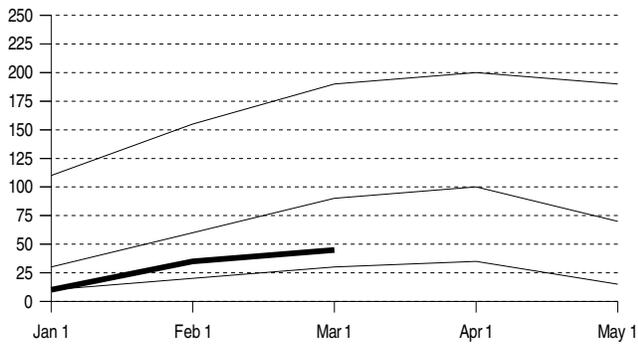
(4) Forecast by U.S. Natural Resources Conservation Service and National Weather Service California-Nevada River Forecast Center, April through September forecast, 30 year average based on years 1971-2000.

(5) Forecast by Department of Water and Power, City of Los Angeles, average based on years 1961-2010

NORTH COAST REGION

Snowpack Accumulation

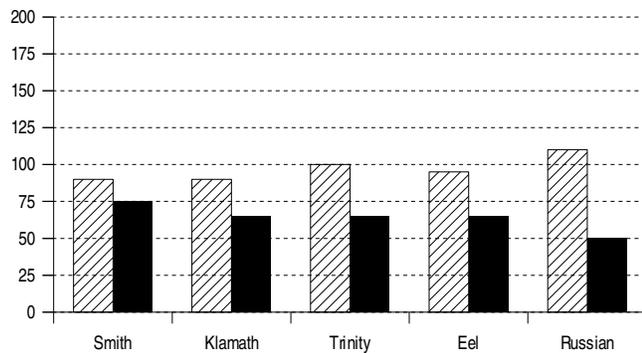
Water Content in % of April 1 Average



SNOWPACK- First off the month measurements made at 6 snow courses indicate an area wide snow water equivalent of 11.6 inches. This is 50 percent of the March 1 average and 45 percent of the seasonal (April 1) average. Last year at this time the pack was holding 20.2 inches of water.

Precipitation

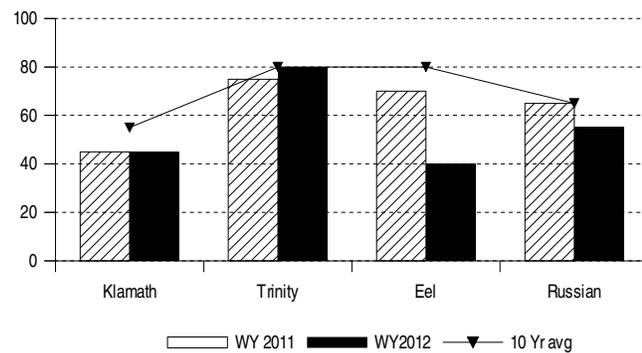
October 1 to date in % of Average



PRECIPITATION - Seasonal precipitation (October 1 through the end of last month) on this area was 65 percent of normal. Precipitation last month was about 40 percent of the monthly average. Seasonal precipitation at this time last year stood at 95 percent of normal.

Reservoir Storage

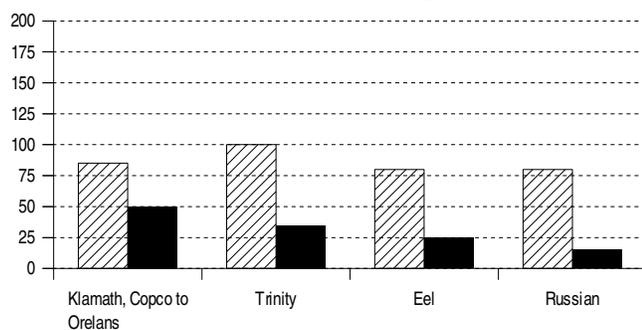
Contents of major reservoirs in % of capacity



RESERVOIR STORAGE- First of the month storage in 6 reservoirs was 2.3 million acre-feet which is 105 percent of average. About 75 percent of available capacity was being used. Storage in these reservoirs at this time last year was 105 percent of average.

Runoff

October 1 to date in % of average

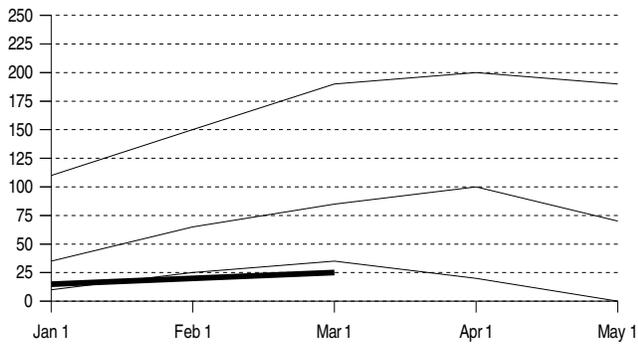


RUNOFF-Seasonal runoff of streams draining the area totaled 2.3 million acre-feet which is 30 percent of the average for this period. Last year, runoff for the same period was 85 percent of average.

SACRAMENTO RIVER REGION

Snowpack Accumulation

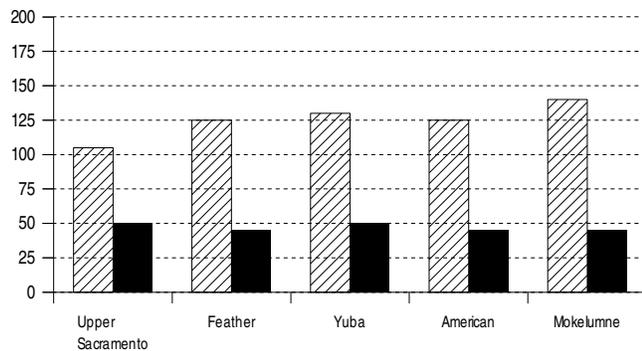
Water Content in % of April 1 Average



SNOWPACK - First of the month measurements made at 68 snow courses indicate an area wide snow water equivalent of 7.8 inches. This is 25 percent of the March 1 average and 25 percent of the seasonal (April 1) average. Last year at this time the pack was holding 33.1 inches of water.

Precipitation

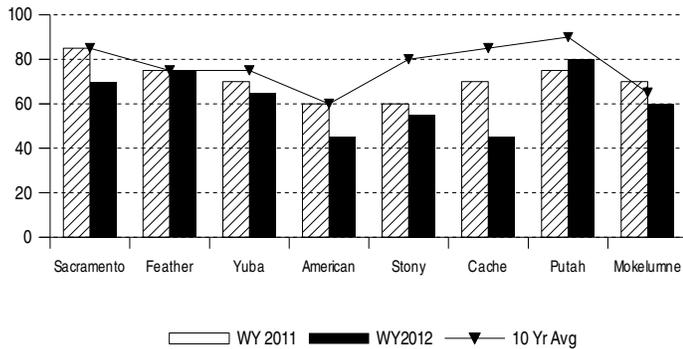
October 1 to date in % of Average



PRECIPITATION - Seasonal precipitation (October 1 through the end of last month) on this area was 50 percent of normal. Precipitation last month was about 40 percent of the monthly average. Seasonal precipitation at this time last year stood at 115 percent of normal.

Reservoir Storage

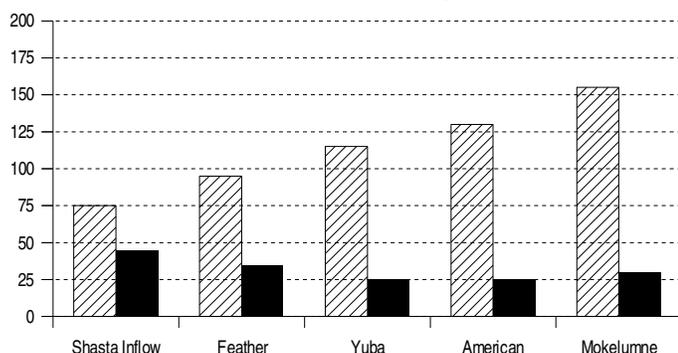
Contents of major reservoirs in % of capacity



RESERVOIR STORAGE - First of the month storage in 43 reservoirs was 10.9 million acre-feet which is 95 percent of average. About 75 percent of available capacity was being used. Storage in these reservoirs at this time last year was 105 percent of average.

Runoff

October 1 to date in % of average

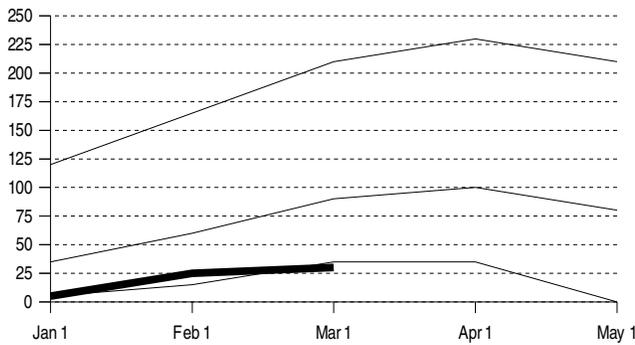


RUNOFF - Seasonal runoff of streams draining the area totaled 3.0 million acre-feet which is 35 percent of average for this period. Last year, runoff for the same period was 90 percent of average.

The **Sacramento Region 40-30-30 Water Supply Index** is forecast to be 5.5 assuming median meteorological conditions for the remainder of the year. This classifies the year as "dry" in the Sacramento Valley according to the State Water Resources Control Board.

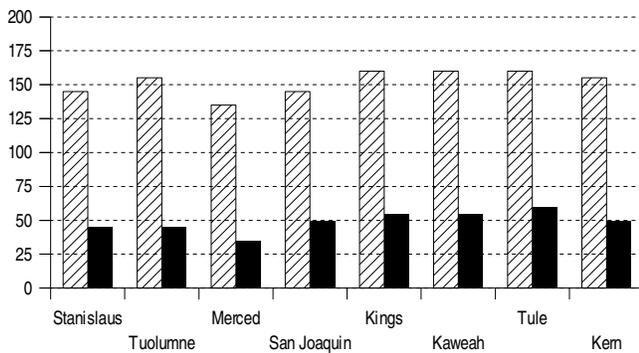
Snowpack Accumulation

Water Content in % of April 1 Average



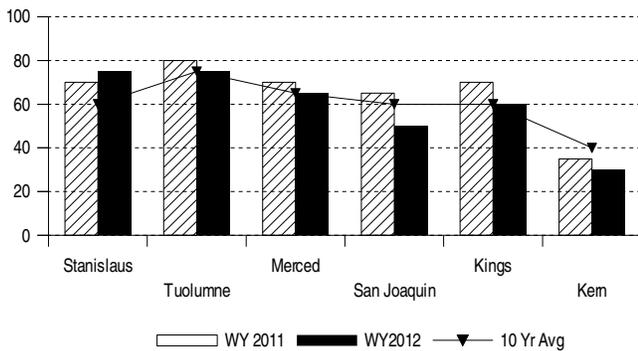
Precipitation

October 1 to date in % of Average



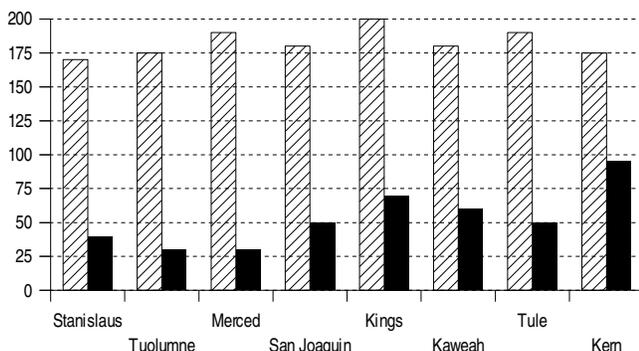
Reservoir Storage

Contents of major reservoirs in % of capacity



Runoff

October 1 to date in % of average



SAN JOAQUIN RIVER AND TULARE LAKE REGIONS

SNOWPACK- First of the month measurements made at 63 **San Joaquin Region** snow courses indicate an area wide snow water equivalent of 7.5 inches. This is 25 percent of the March 1 average and 25 percent of seasonal (April 1) average. Last year at this time the pack was holding 35.6 inches of water. At the same time 41 **Tulare Lake Region** snow courses indicated a basin-wide snow water equivalent of 7.1 inches which is 35 percent of the average for March 1 and 30 percent of the seasonal average. Last year at this time the basin was holding 29.5 inches of water.

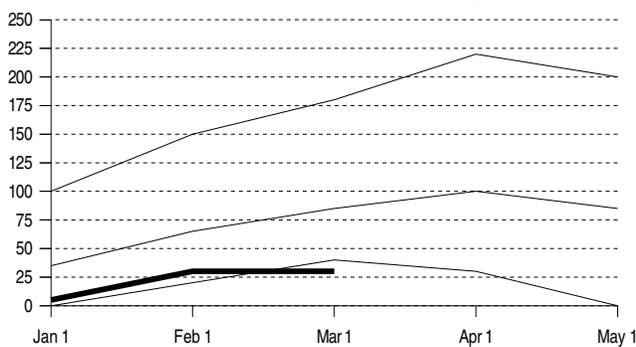
PRECIPITATION - Seasonal precipitation (October 1 through the end of last month) on the **San Joaquin Region** was 45 percent of normal. Precipitation last month was about 30 percent of the monthly average. Seasonal precipitation at this time last year stood at 140 percent of normal. Seasonal precipitation on the **Tulare Lake Region** was 50 percent of normal. Precipitation last month was about 30 percent of the monthly average. Seasonal precipitation at this time last year stood at 160 percent of normal.

RESERVOIR STORAGE- First of the month storage in 34 **San Joaquin Region** reservoirs was 8.2 million acre-feet which is 115 percent of average. About 70 percent of available capacity was being used. Storage at this time last year was 120 percent of average. First of the month storage in 4 **Tulare Lake Region** reservoirs was 950 thousand acre-feet which is 115 percent of average and about 45 percent of available capacity. Storage in at this time last year was 120 percent of average.

RUNOFF- Seasonal runoff of streams draining the **San Joaquin Region** totaled 600 thousand acre-feet which is 35 percent of average for this period. Last year, runoff for the same period was 170 percent of average. Seasonal runoff of streams draining the **Tulare Lake Basin** totaled 426 thousand acre-feet which is 70 percent of average for this period. Last year runoff for this same period was 190 percent of average. The **San Joaquin Region 60-20-20 Water Supply Index** is forecast to be 1.7 assuming 75 percent meteorological conditions. This classifies the year as "critical" in the San Joaquin Region according to the State Water Resources Control Board.

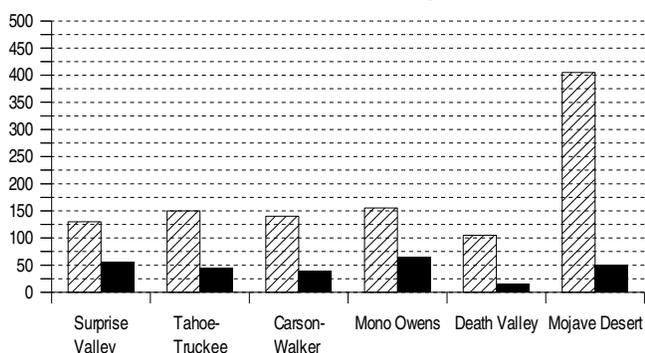
Snowpack Accumulation

Water Content in % of April 1 Average



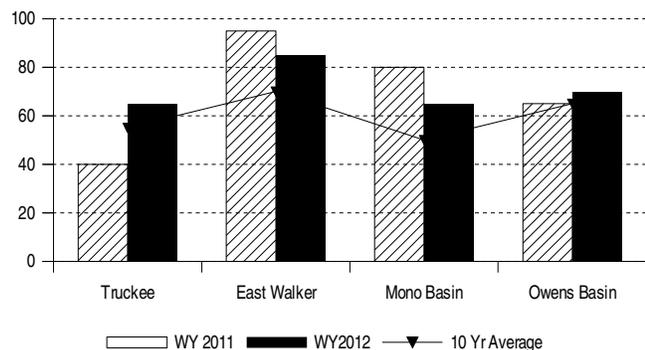
Precipitation

October 1 to date in % of Average



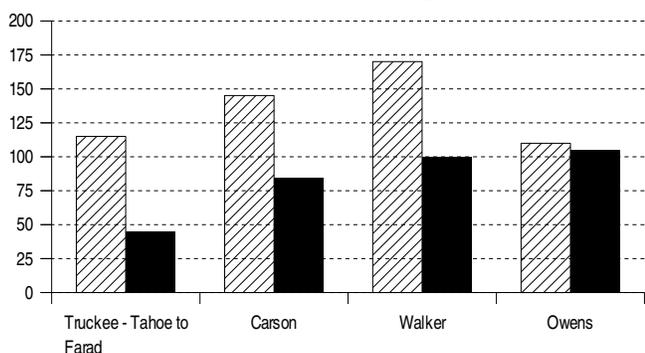
Reservoir Storage

Contents of major reservoirs in % of capacity



Runoff

October 1 to date in % of average



NORTH AND SOUTH LAHONTAN REGIONS

SNOWPACK- First of the month measurements made at 12 **North Lahontan snow** courses indicate an area wide snow water equivalent of 8.5 inches. This is 35 percent of the March 1 average and 30 percent of seasonal (April 1) average. Last year at this time the pack was holding 32.5 inches of water. At the same time 17 **South Lahontan Region** snow courses indicated a basin-wide snow water equivalent of 6.2 inches which is 35 percent of the average for March 1 and 30 percent of the seasonal average. Last year at this time the basin was holding 27.5 inches of water.

PRECIPITATION - Seasonal precipitation (October 1 through the end of last month) on the **North Lahontan** was 45 percent of normal. Precipitation last month was about 35 percent of the monthly average. Seasonal precipitation at this time last year stood at 135 percent of normal. Seasonal precipitation on the **South Lahontan** was 40 percent of normal. Precipitation last month was about 15 percent of the monthly average. Seasonal precipitation at this time last year stood at 190 percent of normal.

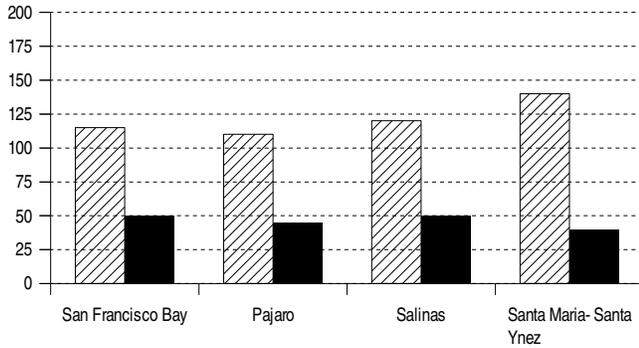
RESERVOIR STORAGE- First of the month storage in 5 **North Lahontan** reservoirs was 721 thousand acre-feet which is 135 percent of average. About 65 percent of available capacity was being used. Storage in these reservoirs at this time last year was 80 percent of average. Lake Tahoe was 3.85 feet above its natural rim on March 1. First of the month storage in 8 **South Lahontan** reservoirs was 294 thousand acre-feet which is 110 percent of average and about 75 percent of available capacity. Storage in these reservoirs at this time last year was 110 percent of average.

RUNOFF- Seasonal runoff of streams draining the **North Lahontan Region** totaled 143 thousand acre-feet which is 70 percent of average for this period. Last year, runoff for the same period was 140 percent of average. Seasonal runoff of the Owens River in the **South Lahontan Region** totaled 68 thousand acre-feet which is 125 percent of average for this period. Last year runoff for this same period was at 110 percent of average.

SAN FRANCISCO BAY AND CENTRAL COAST REGIONS

Precipitation

October 1 to date in % of Average

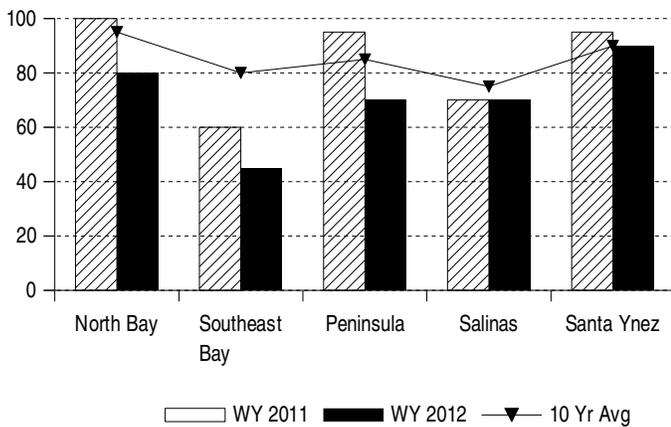


PRECIPITATION - Seasonal precipitation (October 1 through the end of last month) on the **San Francisco Bay Region** was 50 percent of normal. Precipitation last month was about 35 percent of the monthly average. Seasonal precipitation at this time last year stood at 120 percent of normal.

Seasonal precipitation on the **Central Coast Region** was 45 percent of normal. Precipitation last month was about 15 percent of the monthly average. Seasonal precipitation at this time last year stood at 125 percent of normal.

Reservoir Storage

Contents of major reservoirs in % of capacity

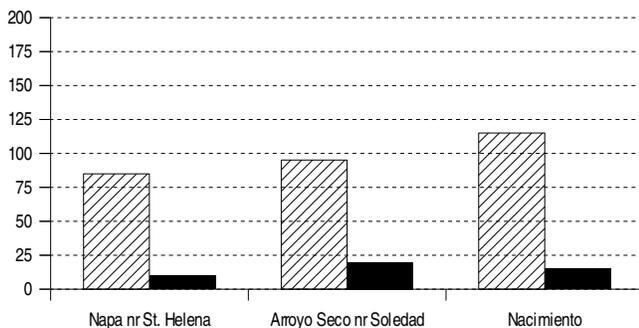


RESERVOIR STORAGE- First of the month storage in 13 **San Francisco Bay Region** reservoirs was 419 thousand acre-feet which is 90 percent of average. About 60 percent of available capacity was being used. Storage in these reservoirs at this time last year was 105 percent of average.

First of the month storage in 6 **Central Coast Region** reservoirs was 730 thousand acre-feet which is 120 percent of average and about 75 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 6 thousand acre-feet which is 10 percent of average for this period. Last year, runoff for the same period was 85 percent of average. Seasonal runoff of streams draining the **Central Coast Region** totaled 37 thousand acre-feet which is 15 percent of average for this period. Last year runoff for this same period was 110 percent of average.

SOUTH COAST AND COLORADO RIVER REGIONS

PRECIPITATION - October through February (seasonal) precipitation on the **South Coast Region** was 55 percent of normal. February precipitation was 30 percent of the monthly average. Seasonal precipitation at this time last year was 160 percent of normal. Seasonal precipitation on the **Colorado River-Desert Region** was 40 percent of normal and last year's seasonal precipitation on the **Colorado River-Desert Region** was 135 percent of normal. Precipitation in February was 50 percent of average.

RESERVOIR STORAGE - March 1 storage in 29 major **South Coast Region** reservoirs was 1.4 million acre-feet or 100 percent of average. About 70 percent of available capacity was being used. Storage in these reservoirs at this time last year was about 105 percent of average. On March 1 combined storage in Lakes Powell, Mead, Mohave and Havasu was about 26.6 million acre-feet or about 65 percent of average. About 50 percent of available capacity was in use. Last year at this time, these reservoirs were storing about 27.5 million acre-feet.

RUNOFF - Seasonal runoff from selected **South Coast Region** streams totaled 9 thousand acre-feet which is 30 percent of average. Seasonal runoff from these streams last year was 105 percent of average.

COLORADO RIVER - The April -July inflow to Lake Powell is forecast to be 5.3 million acre-feet, which is 74 percent of average. The March 1 snowpack was 80 percent, highest in the Upper Green basin at 90 percent of average and lowest on the Price/San Rafael at 60 percent.

**MAJOR WATER DISTRIBUTION PROJECTS
RESERVOIR STORAGE**

(AVERAGES BASED ON 1951-2000 OR PERIOD RECORD)

RESERVOIR	CAPACITY 1,000 AF	AVERAGE STORAGE 1,000 AF	2011 1,000 AF	STORAGE AT END OF February		
				2012 1,000 AF	PERCENT AVERAGE	PERCENT CAPACITY
<i>STATE WATER PROJECT</i>						
Lake Oroville	3,538	2,466	2,684	2,520	102%	71%
San Luis Reservoir (SWP)	1,062	935	1,035	974	104%	92%
Lake Del Valle	77	35	37	29	83%	37%
Lake Silverwood	73	66	70	71	107%	97%
Pyramid Lake	171	162	168	166	102%	97%
Castaic Lake	325	281	293	290	103%	89%
Perris Lake	132	110	74	74	67%	56%
<i>CENTRAL VALLEY PROJECT</i>						
Trinity Lake	2,448	1,816	1,891	1,960	108%	80%
Lake Shasta	4,552	3,326	3,784	3,169	95%	70%
Whiskeytown Lake	241	207	205	205	99%	85%
Folsom Lake	977	543	613	387	71%	40%
New Melones Reservoir	2,420	1,468	1,694	1,965	134%	81%
Millerton Lake	520	341	407	290	85%	56%
San Luis Reservoir (CVP)	971	803	971	748	93%	77%
<i>COLORADO RIVER PROJECT</i>						
Lake Mead	26,159	19,788	11,117	14,907	75%	57%
Lake Powell	24,322	17,340	13,235	15,453	89%	64%
Lake Mohave	1,810	1,675	1,699	1,650	98%	91%
Lake Havasu	619	550	567	563	102%	91%
<i>EAST BAY MUNICIPAL UTILITY DISTRICT</i>						
Pardee Res	198	180	192	167	93%	84%
Camanche Reservoir	417	252	289	241	96%	58%
East Bay (4 res.)	147	131	134	127	97%	86%
<i>CITY AND COUNTY OF SAN FRANCISCO</i>						
Hetch-Hetchy Reservoir	360	158	237	274	173%	76%
Cherry Lake	268	140	226	254	181%	95%
Lake Eleanor	26	10	19	16	154%	59%
South Bay/Peninsula (4 res.)	225	170	169	120	71%	53%
<i>CITY OF LOS ANGELES (D.W.P.)</i>						
Lake Crowley	183	127	122	0	0%	0%
Grant Lake	48	27	45	38	137%	79%
Other Aqueduct Storage (6 res.)	83	75	56	-	---%	---%

TELEMETERED SNOW WATER EQUIVALENTS

March 1, 2012

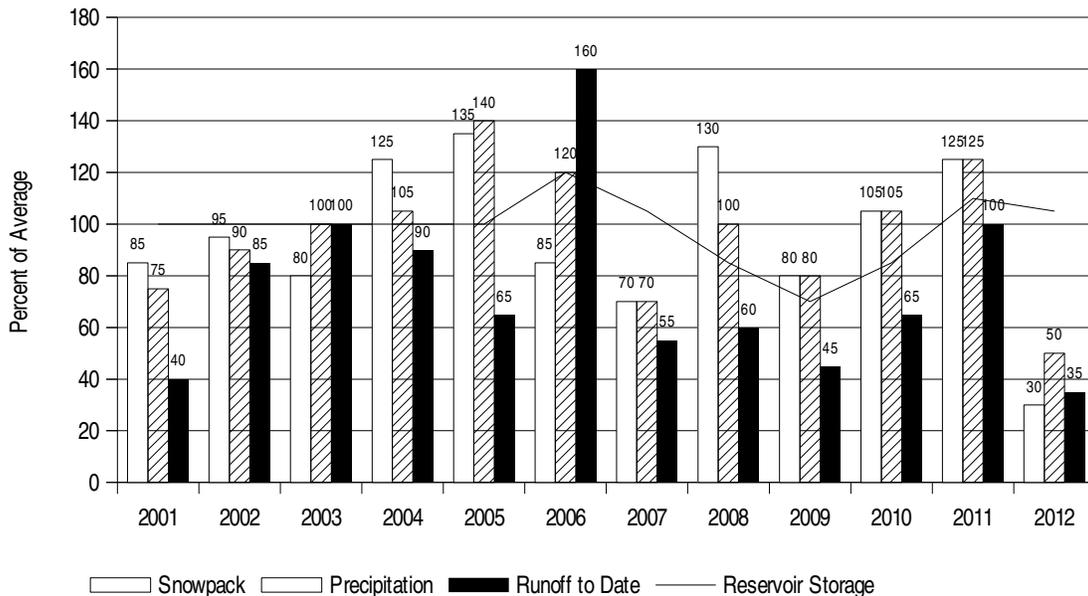
(AVERAGES BASED ON PERIOD RECORD)

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	7.9	27.1	7.3	6.7
	Red Rock Mountain	6700'	39.6	15.6	39.3	15.1	14.3
	Bonanza King	6450'	40.5	—	—	11.0	11.0
	Shimmy Lake	6400'	40.3	14.5	36.0	13.8	11.0
	Middle Boulder 3	6200'	28.3	17.6	62.1	16.9	14.6
	Highland Lakes	6030'	29.9	14.6	49.0	13.8	10.6
	Scott Mountain	5900'	16.0	5.3	33.0	5.0	4.4
	Mumbo Basin	5650'	22.4	9.0	40.4	8.2	7.8
	Big Flat	5100'	15.8	11.6	73.6	10.7	9.1
	Crowder Flat	5100'	—	1.8	—	1.5	1.6
SACRAMENTO RIVER							
	Cedar Pass	7100'	18.1	7.9	43.6	7.5	6.5
	Blacks Mountain	7050'	12.7	4.8	37.8	4.7	4.4
	Sand Flat	6750'	42.4	—	—	—	12.8
	Medicine Lake	6700'	32.6	8.9	27.2	8.9	7.7
	Adin Mountain	6200'	13.6	—	—	—	5.0
	Snow Mountain	5950'	27.0	9.7	36.0	9.0	9.2
	Slate Creek	5700'	29.0	11.1	38.1	11.1	11.4
	Stouts Meadow	5400'	36.0	11.0	30.4	10.6	11.1
FEATHER RIVER							
	Lower Lassen Peak	8250'	—	—	—	—	—
	Kettle Rock	7300'	25.5	—	—	2.2	3.0
	Grizzly Ridge	6900'	29.7	6.6	22.2	6.5	6.2
	Pilot Peak	6800'	52.6	—	—	—	—
	Gold Lake	6750'	36.5	10.7	29.3	10.1	9.6
	Humbug	6500'	28.0	6.2	22.0	6.2	7.5
	Harkness Flat	6200'	28.5	9.5	33.3	8.4	8.2
	Rattlesnake	6100'	14.0	4.4	31.1	3.3	—
	Bucks Lake	5750'	44.7	8.6	19.3	7.1	7.0
	Four Trees	5150'	20.0	6.0	30.0	4.4	4.2
EEL RIVER							
	Noel Spring	5100'	—	1.0	—	1.0	0.6
YUBA & AMERICAN RIVERS							
	Lake Lois	8600'	39.5	—	—	—	—
	Schneiders	8750'	34.5	12.6	36.4	11.5	10.4
	Carson Pass	8353'	—	10.5	—	9.3	8.8
	Caples Lake	8000'	30.9	6.2	20.2	5.6	5.3
	Alpha	7600'	35.9	7.7	21.5	5.9	5.0
	Forni Ridge	7600'	37.0	9.6	26.0	8.4	7.6
	Meadow Lake	7200'	55.5	14.9	26.9	12.3	12.1
	Silver Lake	7100'	22.7	6.6	29.3	5.9	5.3
	Central Sierra Snow Lab	6900'	33.6	9.8	29.2	7.1	5.7
	Huysink	6600'	42.6	8.4	19.7	7.0	6.7
	Van Vleck	6700'	35.9	16.1	45.0	13.7	12.4
	Robinson Cow Camp	6480'	—	12.4	—	9.9	8.4
	Robbs Saddle	5900'	21.4	6.9	32.3	5.6	5.1
	Greek Store	5600'	21.0	7.8	37.3	7.0	7.7
	Blue Canyon	5280'	9.0	4.6	51.0	3.2	3.8
	Robbs Powerhouse	5150'	5.2	7.3	140.2	5.8	5.1
MOKELUMNE & STANISLAUS RIVERS							
	Deadman Creek	9250'	37.2	7.8	21.0	7.1	7.1
	Highland Meadow	8700'	47.9	11.5	24.1	11.1	10.7
	Gianelli Meadow	8400'	55.5	11.2	20.1	10.9	10.2
	Lower Relief Valley	8100'	41.2	10.3	24.9	8.6	8.0
	Blue Lakes	8000'	33.1	7.2	21.8	6.1	5.8
	Mud Lake	7900'	44.9	—	—	—	—
	Stanislaus Meadow	7750'	47.5	7.2	15.2	6.8	6.6
	Bloods Creek	7200'	35.5	8.0	22.6	7.0	6.8
	Black Springs	6500'	32.0	8.2	25.8	7.3	7.3
TUOLUMNE & MERCED RIVERS							
	Dana Meadows	9800'	27.7	12.7	45.8	11.7	11.0
	Slide Canyon	9200'	41.1	—	—	—	—
	Lake Tenaya	8150'	33.1	7.3	22.0	6.3	6.2
	Tuolumne Meadows	8600'	22.6	6.0	26.5	5.0	4.3
	Horse Meadow	8400'	48.6	16.9	34.8	15.5	15.2
	Ostrander Lake	8200'	34.8	10.8	30.9	9.7	7.5
	White Wolf	7900'	—	4.9	—	4.4	3.9
	Paradise Meadow	7650'	41.3	12.9	31.3	11.0	10.7
	Gin Flat	7050'	34.2	—	—	—	—
	Lower Kibbie Ridge	6700'	27.4	5.2	18.9	3.8	4.2

SAN JOAQUIN RIVER							
Volcanic Knob	10050'	30.1	9.2	30.7	8.8	8.7	
Agnew Pass	9450'	32.3	—	—	—	—	
Kaiser Point	9200'	37.8	12.7	33.5	12.4	11.7	
Green Mountain	7900'	30.8	7.7	24.9	7.2	6.1	
Devil's Postpile	7569'	—	3.0	—	3.0	3.1	
Tamarack Summit	7550'	30.5	6.0	19.6	5.8	5.2	
Chilkoot Meadow	7150'	38.0	9.8	25.9	9.4	8.9	
Huntington Lake	7000'	20.1	6.4	31.6	6.4	6.5	
Graveyard Meadow	6900'	18.8	5.3	28.1	4.8	5.0	
Poison Ridge	6900'	28.9	—	—	—	—	
KINGS RIVER							
Bishop Pass	11200'	34.0	10.0	29.4	9.7	9.2	
Charlotte Lake	10400'	27.5	—	—	—	—	
State Lakes	10300'	29.0	—	—	—	—	
Mitchell Meadow	9900'	32.9	11.8	35.9	11.6	11.5	
Blackcap Basin	10300'	34.3	—	—	—	—	
Upper Burnt Corral	9700'	34.6	10.2	29.5	9.8	9.5	
West Woodchuck Meadow	9100'	32.8	8.3	25.3	7.7	8.5	
Big Meadows	7600'	25.9	—	—	—	—	
KAWEAH & TULE RIVERS							
Farewell Gap	9500'	34.5	—	—	—	—	
Quaking Aspen	7200'	21.0	6.1	29.0	6.1	7.2	
Giant Forest	6650'	10.0	2.3	23.0	2.0	3.0	
KERN RIVER							
Upper Tyndall Creek	11400'	27.7	9.7	35.0	9.6	9.4	
Crabtree Meadow	10700'	19.8	—	—	—	—	
Chagoopa Plateau	10300'	21.8	4.8	21.9	4.7	4.6	
Pascoes	9150'	24.9	9.7	39.0	9.5	7.2	
Tunnel Guard Station	8900'	15.6	3.5	22.4	3.5	3.2	
Wet Meadows	8950'	30.3	5.4	17.8	5.5	6.4	
Casa Vieja Meadows	8300'	20.9	8.8	42.0	8.8	10.0	
Beach Meadows	7650'	11.0	0.7	6.0	0.5	0.5	
SURPRISE VALLEY AREA							
Dismal Swamp	7050'	29.2	11.5	39.4	10.5	9.8	
TRUCKEE RIVER							
Independence Lake	8450'	41.4	14.0	33.8	12.2	11.5	
Big Meadows	8700'	25.7	7.0	27.2	6.0	5.3	
Squaw Valley	8200'	46.5	15.1	32.5	11.5	10.6	
Independence Camp	7000'	21.8	4.5	20.6	3.4	2.6	
Independence Creek	6500'	12.7	5.1	40.2	4.0	4.1	
Truckee 2	6400'	14.3	7.2	50.3	6.1	5.2	
LAKE TAHOE BASIN							
Mount Rose Ski Area	8900'	38.5	13.3	34.5	11.6	10.1	
Heavenly Valley	8800'	28.1	9.6	34.2	8.7	8.3	
Hagans Meadow	8000'	16.5	4.5	27.3	3.8	3.7	
Marlette Lake	8000'	21.1	6.5	30.8	6.0	5.4	
Echo Peak 5	7800'	39.5	10.3	26.1	8.3	7.6	
Rubicon Peak 2	7500'	29.1	6.9	23.7	6.4	6.2	
Tahoe City Cross	6750'	16.0	2.8	17.5	1.6	1.8	
Ward Creek 3	6750'	39.4	13.2	33.5	12.0	10.7	
Fallen Leaf Lake	6250'	7.0	4.3	61.4	3.1	2.6	
CARSON RIVER							
Ebbetts Pass	8700'	38.8	9.8	25.3	9.0	8.8	
Horse Meadow	8557'	—	5.9	—	5.4	5.4	
Burnside Lake	8129'	—	7.3	—	6.2	5.9	
Forestdale Creek	8017'	—	10.0	—	8.5	7.7	
Poison Flat	7900'	16.2	—	—	—	—	
Monitor Pass	8350'	—	4.5	—	4.3	4.1	
Spratt Creek	6150'	4.5	0.6	13.3	0.3	1.4	
WALKER RIVER							
Leavitt Lake	9600'	—	15.3	—	13.9	13.0	
Summit Meadow	9313'	—	6.2	—	5.4	5.2	
Virginia Lakes	9300'	20.3	4.8	23.6	4.2	4.1	
Lobdell Lake	9200'	17.3	4.6	26.6	4.3	4.1	
Sonora Pass Bridge	8750'	26.0	6.6	25.4	5.8	5.7	
Leavitt Meadows	7200'	8.0	1.0	12.5	0.4	1.6	
OWENS RIVER/MONO LAKE							
Gem Pass	10750'	31.7	8.2	25.9	7.1	6.3	
Sawmill	10200'	19.4	5.3	27.4	5.1	4.9	
Cottonwood Lakes	10150'	11.6	7.4	63.7	7.5	7.2	
Big Pine Creek	9800'	17.9	4.4	24.4	4.3	4.5	
South Lake	9600'	16.0	6.2	39.0	6.1	5.9	
Mammoth Pass	9300'	42.4	8.1	19.0	8.0	6.9	
Rock Creek Lakes	9700'	14.0	6.8	48.6	6.7	6.7	

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%	

March 1 Statewide Conditions



SNOWLINES

The 80th Western Snow Conference (WSC) annual meeting will be held in Anchorage, Alaska May 21-24. This meeting will be hosted by the North Pacific Region. Don't miss out on an opportunity to attend this meeting of the premier organization devoted to the study of snow and runoff and you might actually see some snow. Further information is at <http://www.westernsnowconference.org/> or contact Frank Gehrke 916-574-2635.

The short course on Monday "Remote Data Collection Communication Opportunities" is particularly germane to water management

Depicted on this month's cover is the Alpha snow sensor. This photo was taken on March 29, 2011. Photo taken by Rick Louie, DWR