

Summary of Water Conditions

April 1, 2013

March showed some improvement over the record setting 2 month dry conditions of January and February, but precipitation was still only about half the average for the month. Much of the snowpack this year was carryover from the big early season storm events of late November and December. Some accumulation took place during the first half of March when the pack peaked at about 65 percent of average. But dry and warm weather during the last half of the month started early melting with nearly one third gone by April 1, the usual date of maximum accumulation. Those depending on natural runoff are likely to see much below normal spring flows and early fading of snowmelt runoff. Areas served by Delta exports and southern Sierra runoff will face shortages.

Forecasts of median April through July runoff are only 50 percent of average, compared to 55 percent one year ago and actual April–July runoff in 2012 of about 65 percent. Water year runoff, which includes early winter runoff, is projected to be about 60 percent of average. The range is from 70 percent on the Sacramento River to 40 percent in the Tulare Lake region.

Snowpack water content, as measured at 232 snow courses, was about 40 percent of average for April 1 compared to 50 percent one year ago. This percentage would make this year the 5th driest for the date in the last 60 years.

Precipitation from October through March is about 75 percent of average statewide and ranges from 90 percent on the Sacramento to 45 percent in the South Lahontan region. March precipitation was 45 percent of average. Last year precipitation stood at 70 percent on April 1.

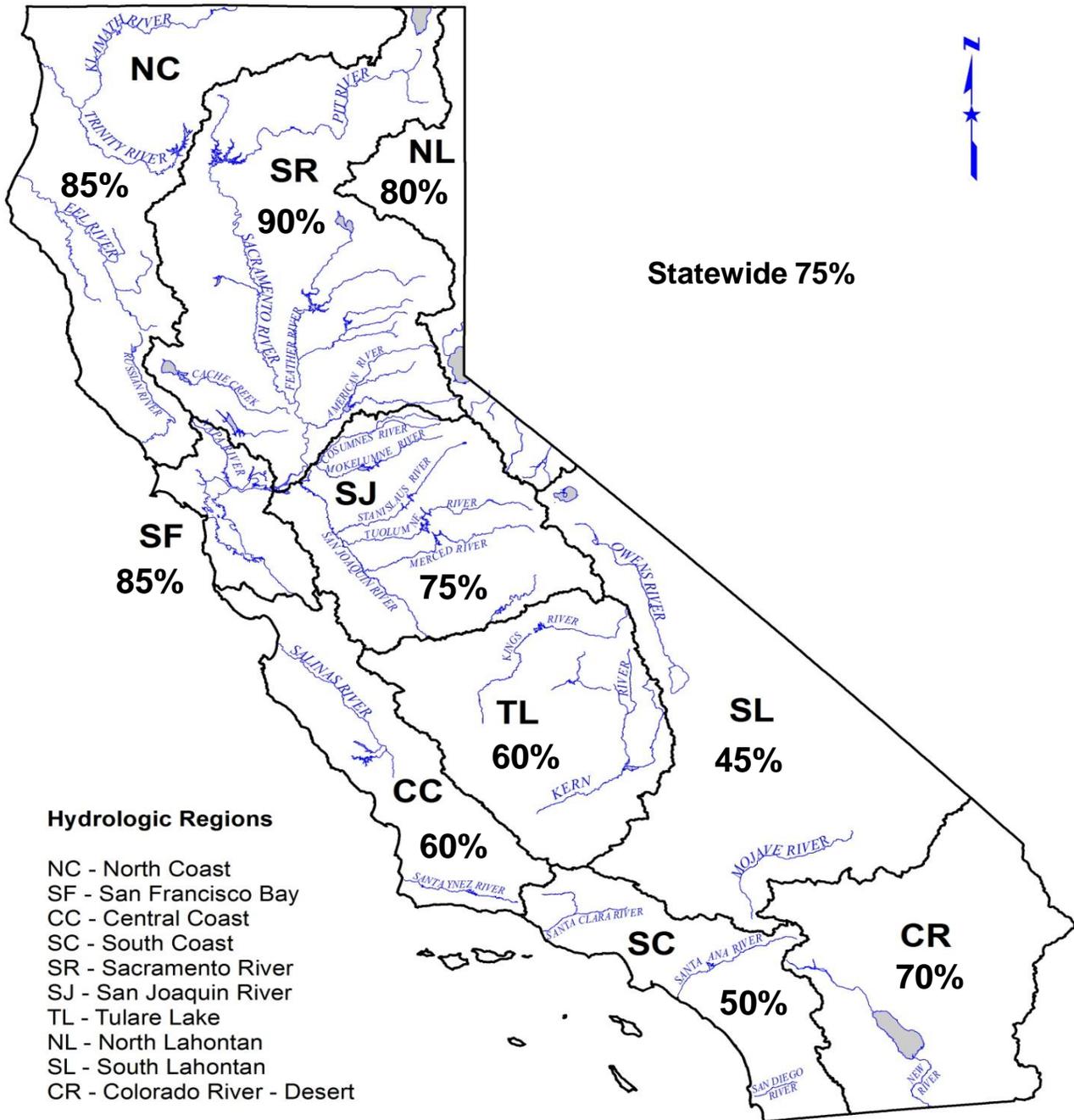
Runoff so far this year has been 70 percent of average, compared to 50 percent last year. March runoff was 45 percent of average for the month. Estimated runoff of the eight major rivers of the Sacramento-San Joaquin River region during March was about 1.7 million acre-feet.

Reservoir storage is about 98 percent of average (rounded to 100 in the table below), down from 105 percent last year at this time. As reported last month, Tulare Lake and the west side San Luis reservoirs are seriously lagging.

SUMMARY OF WATER CONDITIONS IN PERCENT OF AVERAGE

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

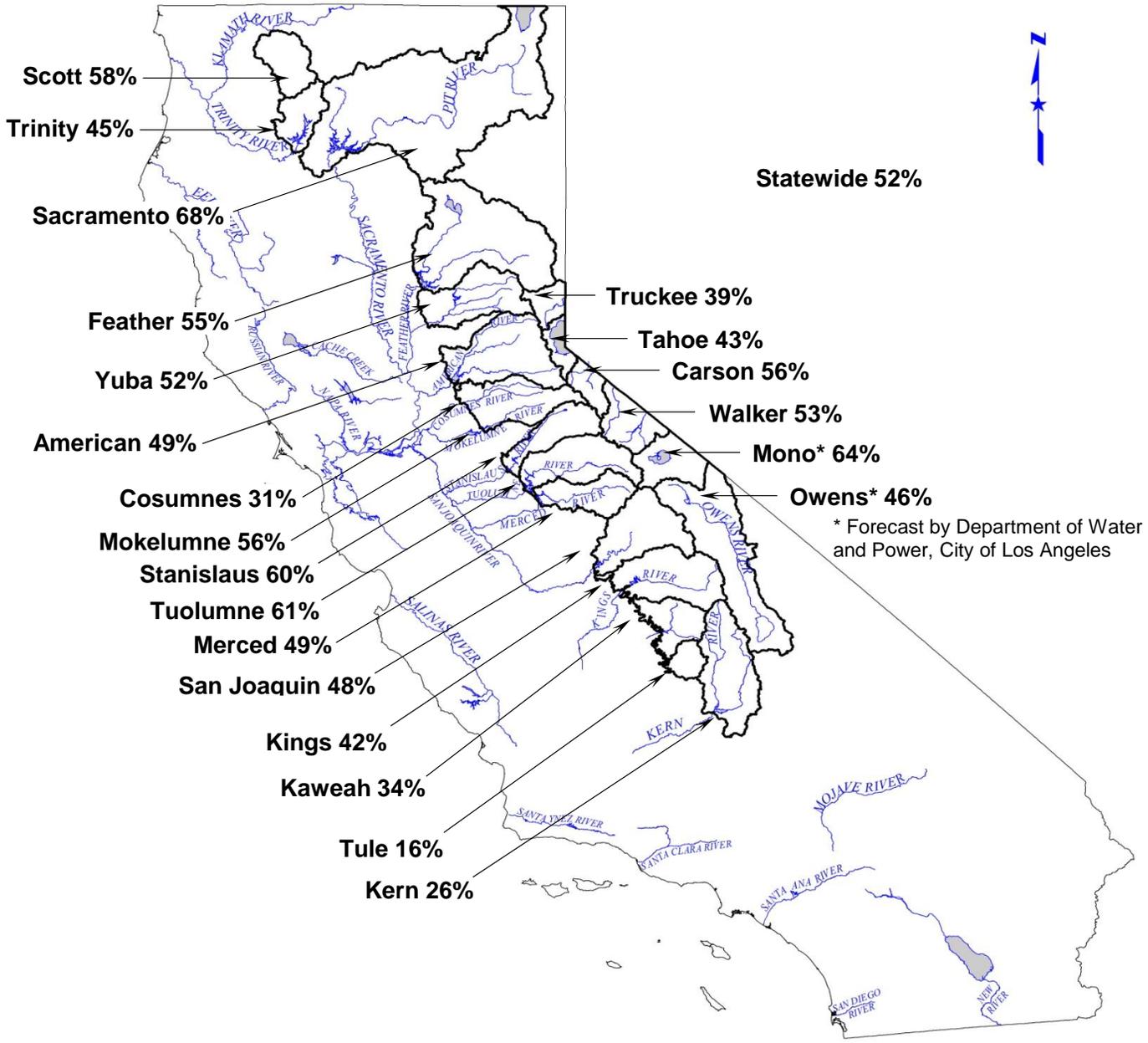
Department of Water Resources
California Cooperative Snow Surveys
Seasonal Precipitation
in percent of average to date
October 1, 2012 through March 31, 2013



WATER YEAR IS OCTOBER 1 THROUGH SEPTEMBER 30

**Department of Water Resources
California Cooperative Snow Surveys
Forecast of April through July Unimpaired Runoff
in percent of historical average
as of April 1, 2013**

Legend
52% Runoff forecast in percent of normal



**APRIL 1, 2013 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	651	1,593	80	290	45%	160 - 510
SACRAMENTO RIVER						
Upper Sacramento River						
Sacramento River at Delta above Shasta Lake	302	711	39	150	50%	
McCloud River above Shasta Lake	392	850	185	290	74%	
Pit River near Montgomery Creek + Squaw Creek	1,046	2,098	480	780	75%	
Total Inflow to Shasta Lake	1,806	3,525	726	1,230	68%	880 - 2,030
Sacramento River above Bend Bridge, near Red Bluff	2,485	5,075	943	1,630	66%	1,110 - 2,800
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	1,758	4,676	392	970	55%	590 - 1,820
Yuba River						
North Yuba below Goodyears Bar	279	647	51	140	50%	
Inflow to Jackson Mdws and Bowman Reservoirs (3)	112	236	25	60	54%	
South Yuba at Langs Crossing (3)	233	481	57	120	52%	
Yuba River near Smartsville plus Deer Creek	996	2,424	200	520	52%	250 - 920
American River						
North Fork at North Fork Dam (3)	262	716	43	110	42%	
Middle Fork near Auburn (3)	522	1,406	100	250	48%	
Silver Creek Below Camino Diversion Dam (3)	173	386	37	80	46%	
American River below Folsom Lake	1,231	3,074	229	600	49%	320 - 1,250
SAN JOAQUIN RIVER						
Cosumnes River at Michigan Bar	128	363	8	40	31%	12 - 120
Mokelumne River						
North Fork near West Point (5)	437	829	104	240	55%	
Total Inflow to Pardee Reservoir	461	1,065	102	260	56%	180 - 410
Stanislaus River						
Middle Fork below Beardsley Dam (3)	334	702	64	200	60%	
North Fork Inflow to McKays Point Dam (3)	224	503	34	130	58%	
Stanislaus River below Goodwin Reservoir (9)	699	1,710	116	420	60%	300 - 670
Tuolumne River						
Cherry Creek & Eleanor Creek near Hetch Hetchy	315	727	97	200	63%	
Tuolumne River near Hetch Hetchy	604	1,392	153	390	65%	
Tuolumne River below La Grange Reservoir (9)	1,221	2,682	301	740	61%	570 - 1,130
Merced River						
Merced River at Pohono Bridge	372	888	80	190	51%	
Merced River below Merced Falls (9)	636	1,587	123	310	49%	210 - 550
San Joaquin River						
San Joaquin River at Mammoth Pool (7)	1,026	2,279	235	530	52%	
Big Creek below Huntington Lake (8)	91	264	11	40	44%	
South Fork near Florence Lake (7)	201	511	58	110	55%	
San Joaquin River inflow to Millerton Lake	1,258	3,355	262	610	48%	420 - 950
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	520	42%	360 - 820
Kaweah River below Terminus Reservoir	290	814	62	100	34%	60 - 220
Tule River below Lake Success	64	259	2	10	16%	2 - 55
Kern River						
Kern River near Kernville	384	1,203	83	110	29%	
Kern River inflow to Lake Isabella	465	1,657	84	120	26%	65 - 240

(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

**APRIL 1, 2013 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	344	67	120	115	120	43	12	5	2	828	60%	695 - 1050
876	1,965	165												
1,200	2,353	557												
3,082	5,150	1,484												
5,979	10,796	2,479	1,860	340	415	450	350	240	190	180	180	4,205	70%	3,750 - 5,160
8,727	17,180	3,294	2,665	470	545	600	470	320	240	210	215	5,735	66%	5,075 - 7,100
780	1,269	366												
2,417	4,400	666												
219	637	24												
291	562	32												
4,523	9,492	994	1,585	230	415	390	340	150	90	75	65	3,340	74%	2,900 - 4,350
564	1,056	102												
181	292	30												
379	565	98												
2,329	4,926	369	830	105	170	220	210	70	20	15	5	1,645	71%	1,365 - 2,075
616	1,234	66												
1,070	2,575	144												
318	705	59												
2,683	6,382	349	855	105	220	260	255	75	10	5	0	1,785	67%	1,500 - 2,450
385	1,253	20	97	15	22	21	13	5	1	0	0	174	45%	146 - 256
626	1,009	197												
751	1,800	129	140	25	55	95	110	50	5	0	0	480	64%	400 - 635
471	929	88												
1,167	2,952	155	195	40	90	145	170	85	20	0	5	750	64%	625 - 1,010
461	1,147	123												
770	1,661	258												
1,943	4,631	383	300	50	125	200	330	180	30	10	5	1,230	63%	1,050 - 1,630
461	1,020	92												
1,007	2,787	150	125	25	55	100	140	55	15	5	0	520	52%	420 - 765
1,337	2,964	308												
112	298	14												
248	653	71												
1,831	4,642	362	180	45	95	150	250	165	45	15	10	955	52%	750 - 1,330
284	607	58												
1,729	4,287	386	125	35	75	130	225	130	35	15	10	780	45%	605 - 1,110
456	1,402	94	36	13	20	30	45	20	5	2	1	172	38%	130 - 300
147	615	16	15	5	6	6	3	1	0	0	0	36	24%	28 - 83
558	1,577	163												
733	2,318	175	60	15	25	35	45	25	15	10	5	235	32%	167 - 380

(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

**APRIL 1, 2013 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	105	58%
Klamath River					
Total inflow to Upper Klamath Lake (4)	515	618	84	430	83%
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NORTH LAHONTAN					
Truckee River					
Lake Tahoe to Farad accretions	256	713	52	100	39%
Lake Tahoe Rise (assuming gates closed, ft)	1.4	5.4	0.2	0.6	43%
Carson River					
West Fork Carson River at Woodfords	53	135	12	30	57%
East Fork Carson River near Gardnerville	186	407	43	105	56%
Walker River					
West Walker River below Little Walker, near Coleville	155	330	35	90	58%
East Walker River near Bridgeport	63	209	7	25	40%
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SOUTH LAHONTAN					
Owens River					
Total tributary flow to Owens River (5)	235	579	96	108	46%

(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)

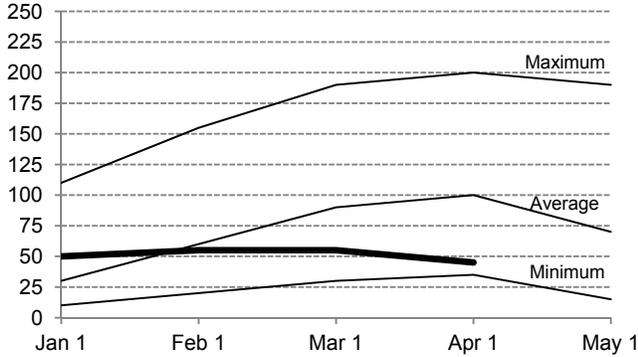
(4) Forecast by U.S. Natural Resources Conservation Service and National Weather Service California-Nevada River Forecast Center, April through September forecast, 30 year average based on years 1971-2000.

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

NORTH COAST REGION

Snowpack Accumulation

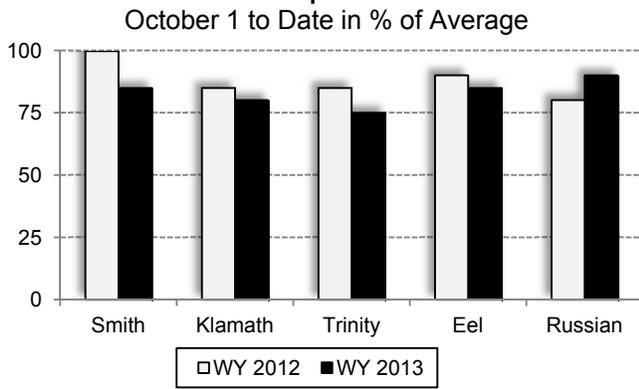
Water Content in % of April 1 Average



SNOWPACK - First of the month measurements made at 12 snow courses indicate an area wide snow water equivalent of 14.4 inches. This is 45 percent of the April 1 average. Last year at this time the pack was holding 28.2 inches of water.

Precipitation

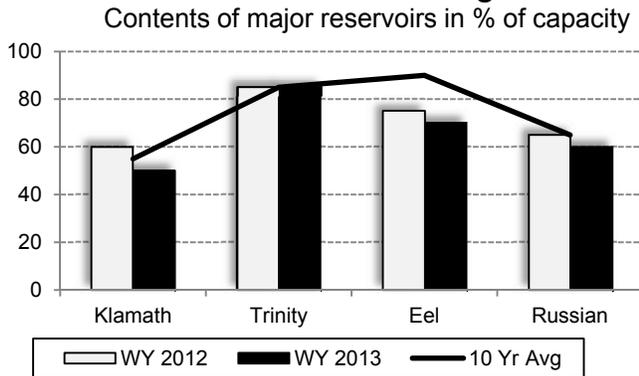
October 1 to Date in % of Average



PRECIPITATION - Seasonal precipitation (October 1 through the end of last month) on this area was 85 percent of normal. Precipitation last month was about 55 percent of the monthly average. Seasonal precipitation at this time last year stood at 90 percent of normal.

Reservoir Storage

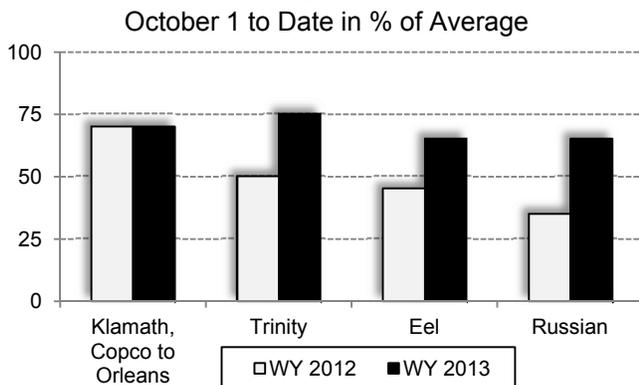
Contents of major reservoirs in % of capacity



RESERVOIR STORAGE - First of the month storage in 6 reservoirs was 2.5 million acre-feet which is 105 percent of average. About 80 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

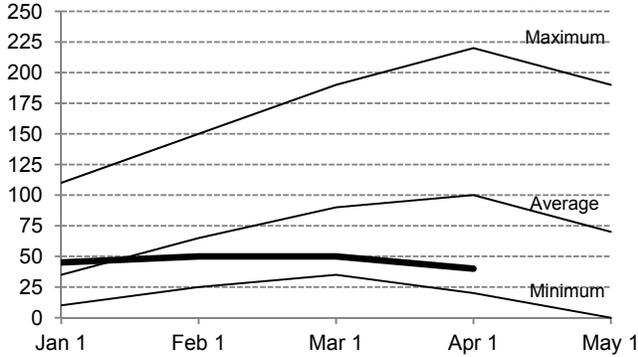


RUNOFF - Seasonal runoff of streams draining the area totaled 6.5 million acre-feet which is 70 percent of the average for this period. Last year, runoff for the same period was 55 percent of average.

SACRAMENTO RIVER REGION

Snowpack Accumulation

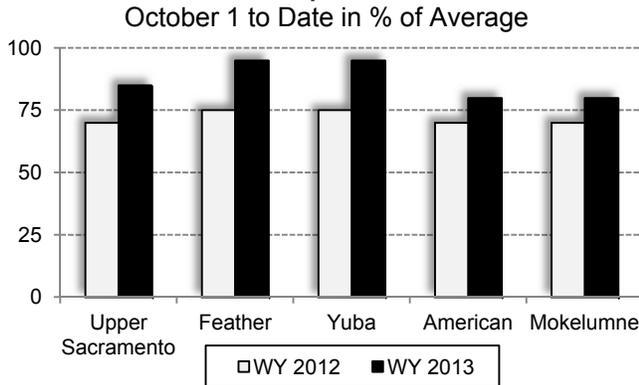
Water Content in % of April 1 Average



SNOWPACK - First of the month measurements made at 76 snow courses indicate an area wide snow water equivalent of 13.2 inches. This is 40 percent of the April 1 average. Last year at this time the pack was holding 18.3 inches of water.

Precipitation

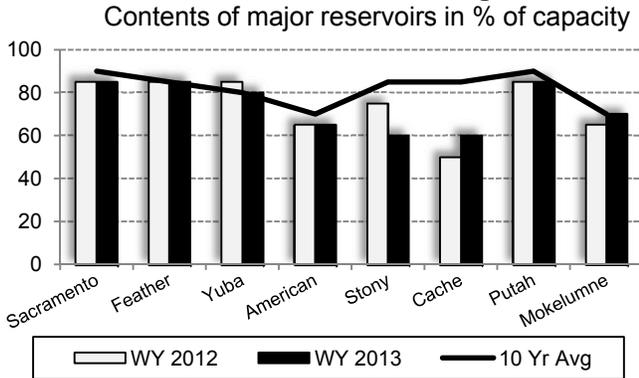
October 1 to Date in % of Average



PRECIPITATION - Seasonal precipitation (October 1 through the end of last month) on this area was 90 percent of normal. Precipitation last month was about 50 percent of the monthly average. Seasonal precipitation at this time last year stood at 75 percent of normal.

Reservoir Storage

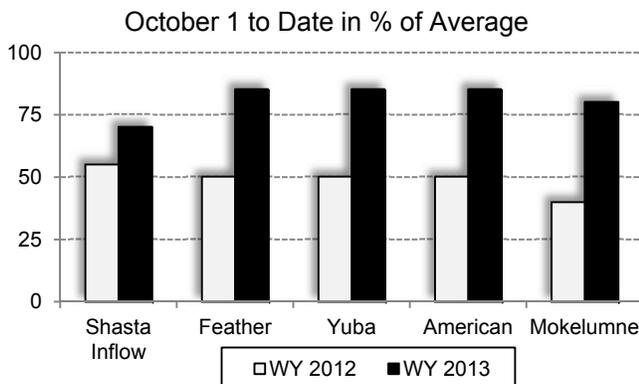
Contents of major reservoirs in % of capacity



RESERVOIR STORAGE - First of the month storage in 43 reservoirs was 12.7 million acre-feet which is 105 percent of average. About 80 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



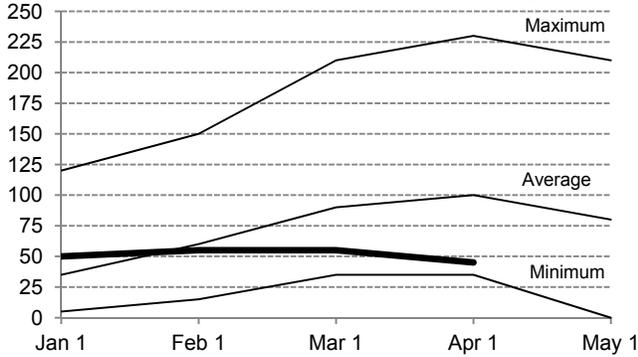
RUNOFF - Seasonal runoff of streams draining the area totaled 8.2 million acre-feet which is 75 percent of average for this period. Last year, runoff for the same period was 50 percent of average.

The **Sacramento Region 40-30-30 Water Supply Index** is forecast to be 6.0 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.

SAN JOAQUIN RIVER AND TULARE LAKE REGIONS

Snowpack Accumulation

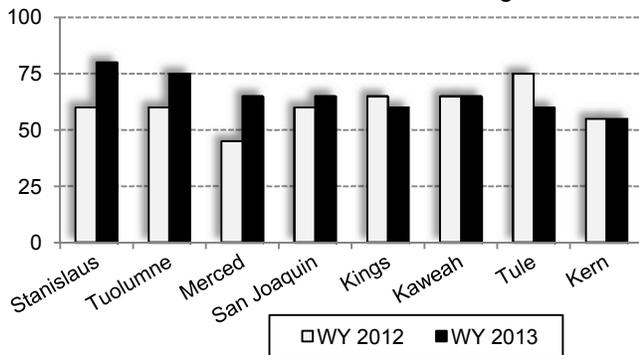
Water Content in % of April 1 Average



SNOWPACK - First of the month measurements made at 69 **San Joaquin River Region** snow courses indicate an area wide snow water equivalent of 16.8 inches. This is 50 percent of the April 1 average. Last year at this time the pack was holding 14.0 inches of water. At the same time, 42 **Tulare Lake Region** snow courses indicated a basin-wide snow water equivalent of 10.0 inches which is 35 percent of the April 1 average. Last year at this time the basin was holding 9.6 inches of water.

Precipitation

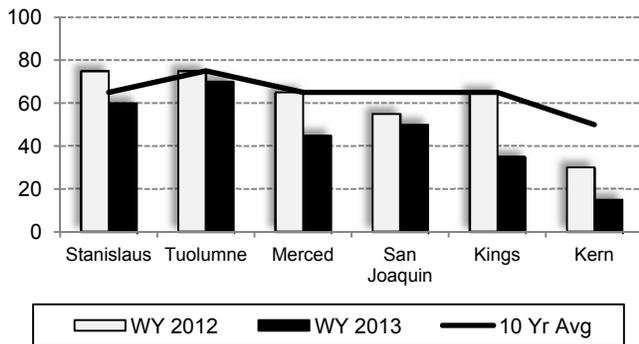
October 1 to Date in % of Average



PRECIPITATION - Seasonal precipitation (October 1 through the end of month) on the **San Joaquin Region** was 75 percent of normal. Precipitation last month was about 45 percent of the monthly average. Seasonal precipitation at this time last year stood at 60 percent of normal. Seasonal precipitation on the **Tulare Lake 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 65 percent of normal.

Reservoir Storage

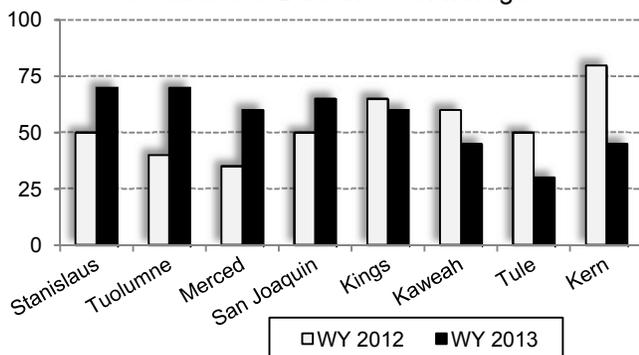
Contents of major reservoirs in % of capacity



RESERVOIR STORAGE - First of the month storage in 34 **San Joaquin Region** reservoirs was 7.2 million acre-feet which is 95 percent of average. About 65 percent of available capacity was being used. Storage in these reservoirs at this time last year was 110 percent of average. First of the month storage in 6 **Tulare Lake Region** reservoirs was 609 thousand acre-feet which is 65 percent of average and about 30 percent of available capacity. Storage in these reservoirs at this time last year was 115 percent of average.

Runoff

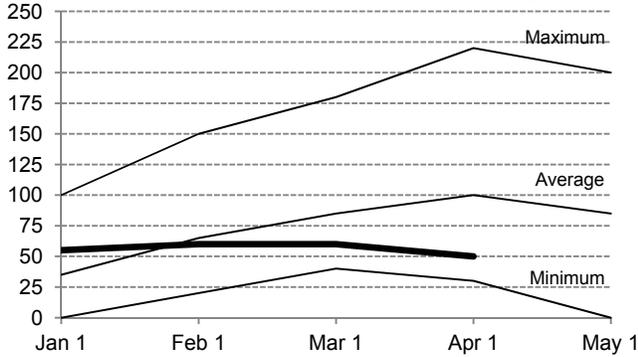
October 1 to Date in % of Average



RUNOFF - Seasonal runoff of streams draining the **San Joaquin Region** totaled 1.7 million acre-feet which is 65 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 432 thousand acre-feet which is 50 percent of average for this period. Last year runoff for this same period was 65 percent of average. The **San Joaquin Region 60-20-20 Water Supply Index** is forecast to be 1.8 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

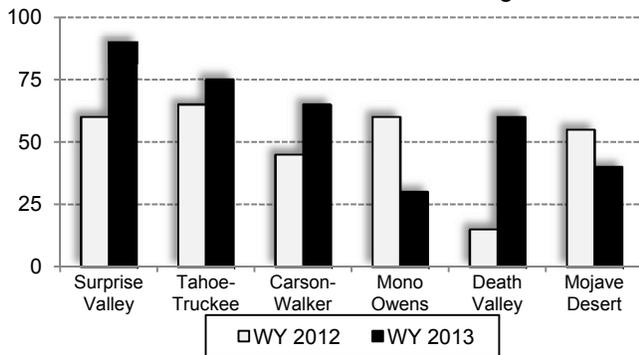
Snowpack Accumulation Water Content in % of April 1 Average



SNOWPACK - First of the month measurements made at 16 **North Lahontan Region** snow courses indicate an area wide snow water equivalent of 13.9 inches. This is 45 percent of the April 1 average. Last year at this time the pack was holding 15.0 inches of water. At the same time, 19 **South Lahontan Region** snow courses indicated a basin-wide snow water equivalent of 12.1 inches which is 50 percent of the April 1 average. Last year at this time the basin was holding 8.6 inches of water.

Precipitation

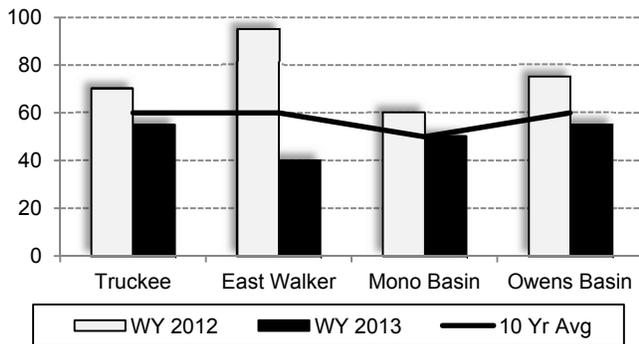
October 1 to Date in % of Average



PRECIPITATION - Seasonal precipitation (October 1 through the end of last month) on the **North Lahontan Region** was 80 percent of normal. Precipitation last month was about 30 percent of the monthly average. Seasonal precipitation at this time last year stood at 60 percent of normal. Seasonal precipitation on the **South Lahontan Region** was 45 percent of normal. Precipitation last month was about 70 percent of the monthly average. Seasonal precipitation at this time last year stood at 45 percent of normal.

Reservoir Storage

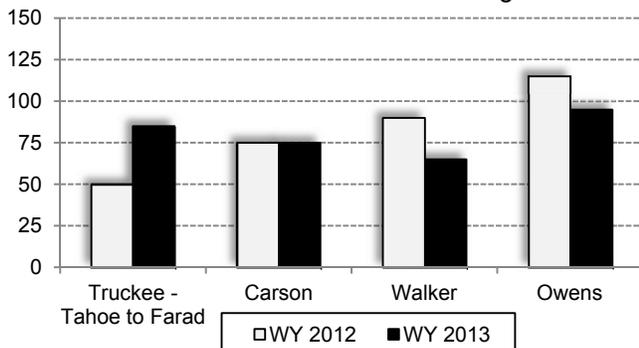
Contents of major reservoirs in % of capacity



RESERVOIR STORAGE - First of the month storage in 5 **North Lahontan** reservoirs was 577 thousand acre-feet which is 105 percent of average. About 55 percent of available capacity was being used. Storage in these reservoirs at this time last year was 140 percent of average. Lake Tahoe was 3.0 feet above its natural rim on April 1. First of the month storage in 8 **South Lahontan** reservoirs was 249 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 110 percent of average.

Runoff

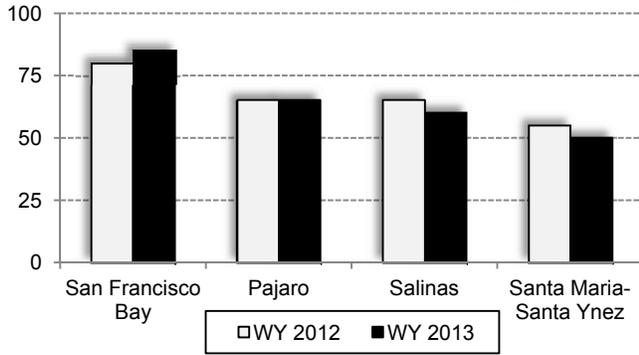
October 1 to Date in % of Average



RUNOFF - Seasonal runoff of streams draining the **North Lahontan Region** totaled 222 thousand acre-feet which is 75 percent of average for this period. Last year, runoff for the same period was 65 percent of average. Seasonal runoff of the Owens River in the **South Lahontan Region** totaled 63 thousand acre-feet which is 95 percent of average for this period. Last year runoff for this same period was 115 percent of average.

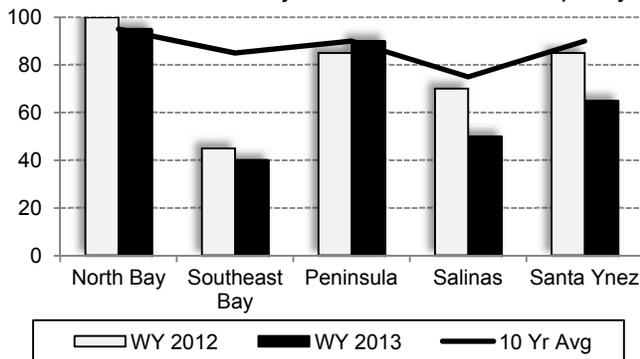
SAN FRANCISCO BAY AND CENTRAL COAST REGIONS

Precipitation
October 1 to Date in % of Average



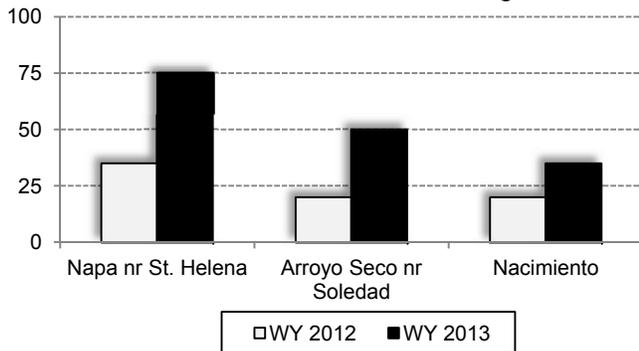
PRECIPITATION - Seasonal precipitation (October 1 through the end of last month) on the **San Francisco Bay Region** was 85 percent of normal. Precipitation last month was about 20 percent of the monthly average. Seasonal precipitation at this time last year stood at 80 percent of normal. Seasonal precipitation on the **Central Coast 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 60 percent of normal.

Reservoir Storage
Contents of major reservoirs in % of capacity



RESERVOIR STORAGE - First of the month storage in 17 **San Francisco Bay Region** reservoirs was 441 thousand acre-feet which is 85 percent of average. About 65 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 **Central Coast Region** reservoirs was 527 thousand acre-feet which is 75 percent of average and about 55 percent of available capacity. 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 the Napa River in the **San Francisco Bay Region** totaled 50 thousand acre-feet which is 75 percent of average for this period. Last year, runoff for the same period was 35 percent of average. Seasonal runoff of streams draining the **Central Coast Region** totaled 117 thousand acre-feet which is 40 percent of average for this period. Last year runoff for this same period was 20 percent of average.

SOUTH COAST REGION

PRECIPITATION - October through March (seasonal) precipitation on the region was 50 percent of normal. March precipitation was 40 percent of the monthly average. Seasonal precipitation at this time last year was 60 percent of normal.

RESERVOIR STORAGE – March 31 storage in 29 major South Coast Region reservoirs was 1.25 million acre-feet or 80 percent of average. About 65 percent of available capacity was being used. Storage in these reservoirs at this time last year was 90 percent of average.

RUNOFF - Seasonal runoff from selected South Coast Region streams is 10 thousand acre-feet which is 25 percent of average.

COLORADO RIVER REGION

SNOWPACK - The April 1 snowpack in the Upper Colorado River basin above Lake Powell was 75 percent of average. The snowpack ranges from 65 percent in the San Juan basin to 80 percent in the Upper Green basin of Wyoming.

PRECIPITATION - October through March (seasonal) precipitation on the Colorado River-Desert Region was 70 percent of normal. Precipitation in March was 30 percent of average. Last year seasonal precipitation stood at 40 percent of normal.

RESERVOIR STORAGE - On March 31, combined storage in Lakes Powell, Mead, Mohave and Havasu was about 27.4 million acre-feet or about 70 percent of average. About 50 percent of available capacity was in use. Last year at this time, these reservoirs were storing 80 percent of average.

RUNOFF - The April-July inflow to Lake Powell is forecast to be 2.7 million acre-feet, which is 38 percent of average.

**MAJOR WATER DISTRIBUTION PROJECTS
RESERVOIR STORAGE**

(AVERAGES BASED ON 1961-2010 OR PERIOD RECORD)

RESERVOIR	CAPACITY 1,000 AF	AVERAGE	STORAGE AT END OF March			
		STORAGE 1,000 AF	2012 1,000 AF	2013 1,000 AF	PERCENT AVERAGE	PERCENT CAPACITY
STATE WATER PROJECT						
Lake Oroville	3,538	2,696	2,943	2,982	111%	84%
San Luis Reservoir (SWP)	1,062	979	1,001	520	53%	49%
Lake Del Valle	77	37	29	36	96%	47%
Lake Silverwood	73	67	69	71	106%	98%
Pyramid Lake	171	164	168	167	102%	98%
Castaic Lake	325	292	293	283	97%	87%
Perris Lake	132	111	74	73	66%	56%
CENTRAL VALLEY PROJECT						
Trinity Lake	2,448	1,927	2,087	2,077	108%	85%
Lake Shasta	4,552	3,691	3,853	3,771	102%	83%
Whiskeytown Lake	241	212	225	206	97%	85%
Folsom Lake	977	628	664	601	96%	62%
New Melones Reservoir	2,420	1,510	1,982	1,554	103%	64%
Millerton Lake	521	366	295	316	86%	61%
San Luis Reservoir (CVP)	971	868	763	778	90%	80%
COLORADO RIVER PROJECT						
Lake Mead	26,159	19,525	14,535	13,465	69%	51%
Lake Powell	24,322	17,349	15,458	11,651	67%	48%
Lake Mohave	1,810	1,677	1,670	1,673	100%	93%
Lake Havasu	619	557	565	572	103%	92%
EAST BAY MUNICIPAL UTILITY DISTRICT						
Pardee Reservoir	198	182	188	171	94%	86%
Camanche Reservoir	417	262	228	344	131%	82%
East Bay (4 res.)	147	134	141	120	89%	81%
CITY AND COUNTY OF SAN FRANCISCO						
Hetch-Hetchy Reservoir	360	149	279	243	162%	67%
Cherry Lake	268	142	252	237	167%	88%
Lake Eleanor	26	12	24	24	198%	92%
South Bay/Peninsula (4 res.)	225	176	130	126	71%	56%
CITY OF LOS ANGELES (D.W.P.)						
Lake Crowley	183	130	149	102	79%	56%
Grant Lake	48	28	36	32	117%	68%
Other Aqueduct Storage (6 res.)	83	77	48	58	77%	70%

TELEMETERED SNOW WATER EQUIVALENTS

April 1, 2013

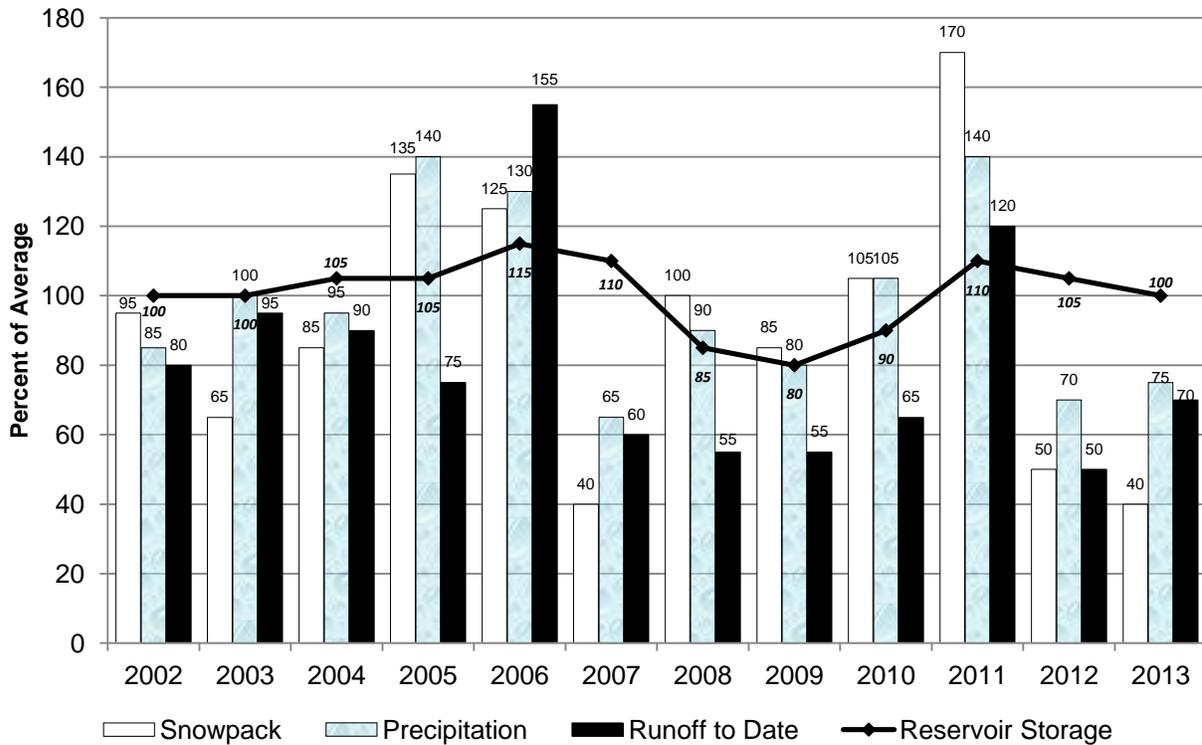
(AVERAGES BASED ON PERIOD RECORD)

BASIN NAME	STATION NAME	ELEV	APRIL 1 AVERAGE	INCHES OF WATER EQUIVALENT			
				PERCENT Apr 1 OF AVERAGE	24 HRS PREVIOUS	1 WEEK PREVIOUS	
TRINITY RIVER							
	Peterson Flat	7150'	29.2	19.4	66.6	19.6	21.8
	Red Rock Mountain	6700'	39.6	25.3	63.8	25.3	28.7
	Bonanza King	6450'	40.5	15.5	38.3	16.1	18.8
	Shimmy Lake	6400'	40.3	—	—	—	—
	Middle Boulder 3	6200'	28.3	15.1	53.3	15.4	18.2
	Highland Lakes	6030'	29.9	6.5	21.7	6.6	10.2
	Scott Mountain	5900'	16.0	4.3	27.0	4.9	10.0
	Mumbo Basin	5650'	22.4	2.6	11.8	3.4	7.4
	Crowder Flat	5100'	—	0.0	0.0	0.0	0.0
	Big Flat	5100'	15.8	10.6	66.8	11.4	13.1
SACRAMENTO RIVER							
	Cedar Pass	7100'	18.1	—	—	—	—
	Blacks Mountain	7050'	12.7	7.3	57.6	6.8	8.8
	Sand Flat	6750'	42.4	23.4	55.2	23.4	24.2
	Medicine Lake	6700'	32.6	25.9	79.5	25.8	28.9
	Adin Mountain	6200'	13.6	1.5	11.0	1.4	4.4
	Snow Mountain	5950'	27.0	13.2	48.9	13.7	16.6
	Slate Creek	5700'	29.0	6.7	23.2	7.2	10.7
	Stouts Meadow	5400'	36.0	11.5	31.0	12.3	16.0
FEATHER RIVER							
	Lower Lassen Peak	8250'	—	—	—	—	—
	Kettle Rock	7300'	25.5	11.5	45.2	11.6	14.0
	Grizzly Ridge	6900'	29.7	10.0	33.5	10.3	12.6
	Pilot Peak	6800'	52.6	—	—	—	—
	Gold Lake	6750'	36.5	28.2	77.3	28.2	28.3
	Humbog	6500'	28.0	17.5	62.6	17.9	20.9
	Harkness Flat	6200'	28.5	4.7	16.3	4.5	8.4
	Rattlesnake	6100'	14.0	1.3	9.4	1.4	5.5
	Bucks Lake	5750'	44.7	20.2	45.1	21.2	23.8
	Four Trees	5150'	20.0	0.4	1.8	1.0	7.3
EEL RIVER							
	Noel Spring	5100'	—	0.0	0.0	0.0	0.0
YUBA & AMERICAN RIVERS							
	Schneiders	8750'	34.5	34.4	99.7	33.8	34.0
	Lake Lois	8600'	39.5	36.2	91.6	35.2	36.1
	Carson Pass	8353'	—	24.0	—	23.6	25.0
	Caples Lake	8000'	30.9	16.8	54.4	16.6	18.7
	Alpha	7600'	35.9	14.6	40.7	14.3	15.7
	Forni Ridge	7600'	37.0	18.6	50.3	18.1	19.7
	Meadow Lake	7200'	55.5	36.4	65.6	35.7	37.5
	Silver Lake	7100'	22.7	9.7	42.8	9.2	12.1
	Central Sierra Snow Lab	6900'	33.6	12.6	37.5	12.5	16.6
	Van Vleck	6700'	35.9	17.4	48.5	17.2	19.9
	Huysink	6600'	42.6	—	—	—	—
	Robinson Cow Camp	6480'	—	13.3	—	13.5	16.5
	Robbs Saddle	5900'	21.4	4.7	22.0	4.9	7.5
	Greek Store	5600'	21.0	8.0	38.3	8.5	10.9
	Blue Canyon	5280'	9.0	0.0	0.0	0.0	0.7
	Robbs Powerhouse	5150'	5.2	—	—	—	—
MOKELUMNE & STANISLAUS RIVERS							
	Deadman Creek	9250'	37.2	23.9	64.2	23.3	24.1
	Highland Meadow	8700'	47.9	34.1	71.2	33.6	33.4
	Gianelli Meadow	8400'	55.5	33.2	59.9	33.0	33.1
	Lower Relief Valley	8100'	41.2	24.3	59.0	23.8	25.7
	Blue Lakes	8000'	33.1	18.9	57.1	18.6	20.1
	Mud Lake	7900'	44.9	—	—	—	—
	Stanislaus Meadow	7750'	47.5	26.5	55.8	25.3	26.3
	Bloods Creek	7200'	35.5	13.7	38.5	13.7	14.5
	Black Springs	6500'	32.0	10.2	31.8	9.8	11.4
TUOLUMNE & MERCED RIVERS							
	Dana Meadows	9800'	27.7	19.2	69.3	18.7	16.4
	Slide Canyon	9200'	41.1	—	—	—	—
	Tuolumne Meadows	8600'	22.6	—	—	—	—
	Horse Meadow	8400'	48.6	45.0	92.5	43.9	44.1
	Ostrander Lake	8200'	34.8	—	—	—	—
	Lake Tenaya	8150'	33.1	20.0	60.5	19.7	20.7
	White Wolf	7900'	—	15.8	—	15.2	16.9
	Paradise Meadow	7650'	41.3	30.2	73.0	29.0	30.6
	Gin Flat	7050'	34.2	11.8	34.4	11.4	13.8
	Lower Kibbie Ridge	6700'	27.4	1.8	6.5	1.8	2.9

SAN JOAQUIN RIVER						
Volcanic Knob	10050'	30.1	14.9	49.4	14.5	14.2
Agnew Pass	9450'	32.3	18.1	56.0	17.5	17.9
Kaiser Point	9200'	37.8	14.5	38.3	14.6	17.0
Green Mountain	7900'	30.8	14.1	45.6	13.8	16.0
Devil's Postpile	7569'	—	—	—	—	—
Tamarack Summit	7550'	30.5	3.7	12.1	3.3	6.5
Chilkoot Meadow	7150'	38.0	14.6	38.5	14.6	16.8
Huntington Lake	7000'	20.1	6.1	30.4	6.0	8.3
Graveyard Meadow	6900'	18.8	3.2	17.2	3.2	5.8
Poison Ridge	6900'	28.9	1.0	3.3	1.1	4.3
KINGS RIVER						
Bishop Pass	11200'	34.0	17.4	51.0	16.7	14.2
Charlotte Lake	10400'	27.5	13.9	50.4	14.0	16.3
Blackcap Basin	10300'	34.3	—	—	—	—
State Lakes	10300'	29.0	—	—	—	—
Mitchell Meadow	9900'	32.9	18.9	57.4	18.5	18.5
Upper Burnt Corral	9700'	34.6	22.8	65.9	22.3	21.6
West Woodchuck Meadow	9100'	32.8	11.4	34.8	11.4	13.9
Big Meadows	7600'	25.9	—	—	—	—
KAWEAH & TULE RIVERS						
Farewell Gap	9500'	34.5	—	—	—	—
Quaking Aspen	7200'	21.0	0.0	0.0	0.1	2.2
Giant Forest	6650'	10.0	0.0	0.0	0.0	0.0
KERN RIVER						
Upper Tyndall Creek	11400'	27.7	12.5	45.1	12.5	12.6
Crabtree Meadow	10700'	19.8	7.5	38.0	7.6	9.0
Chagoopa Plateau	10300'	21.8	9.7	44.4	9.7	11.0
Pascoes	9150'	24.9	7.9	31.7	8.3	10.4
Wet Meadows	8950'	30.3	4.8	15.8	5.0	8.1
Tunnel Guard Station	8900'	15.6	0.0	0.0	0.0	0.9
Casa Vieja Meadows	8300'	20.9	1.5	7.2	1.7	4.2
Beach Meadows	7650'	11.0	0.0	0.0	0.0	0.0
SURPRISE VALLEY AREA						
Dismal Swamp	7050'	29.2	20.2	69.2	19.8	20.2
TRUCKEE RIVER						
Big Meadows	8700'	25.7	13.4	52.1	13.0	15.9
Independence Lake	8450'	41.4	40.5	97.8	40.3	39.3
Squaw Valley	8200'	46.5	27.6	59.4	28.4	29.6
Independence Camp	7000'	21.8	2.9	13.3	3.2	5.8
Independence Creek	6500'	12.7	0.7	5.5	1.1	3.6
Truckee 2	6400'	14.3	5.9	41.3	6.2	8.9
LAKE TAHOE BASIN						
Mount Rose Ski Area	8900'	38.5	30.4	79.0	30.5	31.8
Heavenly Valley	8800'	28.1	15.0	53.4	15.0	16.9
Marlette Lake	8000'	21.1	13.4	63.5	13.0	14.4
Hagans Meadow	8000'	16.5	1.7	10.3	2.0	6.2
Echo Peak 5	7800'	39.5	24.8	62.8	24.5	26.6
Rubicon Peak 2	7500'	29.1	12.0	41.2	12.4	13.5
Ward Creek 3	6750'	39.4	16.2	41.1	16.4	19.8
Tahoe City Cross	6750'	16.0	0.0	0.0	0.0	0.0
Fallen Leaf Lake	6250'	7.0	0.0	0.0	0.0	0.0
CARSON RIVER						
Ebbetts Pass	8700'	38.8	22.9	59.0	22.4	24.4
Horse Meadow	8557'	—	9.0	—	8.9	11.1
Monitor Pass	8350'	—	9.0	—	9.0	10.7
Burnside Lake	8129'	—	15.1	—	14.7	16.9
Forestdale Creek	8017'	—	23.5	—	23.1	24.0
Poison Flat	7900'	16.2	—	—	—	—
Spratt Creek	6150'	4.5	0.0	0.0	0.0	0.0
WALKER RIVER						
Leavitt Lake	9600'	—	48.9	—	48.1	47.5
Summit Meadow	9313'	—	11.5	—	11.2	12.5
Virginia Lakes	9300'	20.3	11.3	55.7	11.3	12.0
Lobdell Lake	9200'	17.3	10.0	57.8	9.8	10.8
Sonora Pass Bridge	8750'	26.0	19.0	73.1	18.8	20.5
Leavitt Meadows	7200'	8.0	0.0	0.0	0.0	0.0
OWENS RIVER/MONO LAKE						
Gem Pass	10750'	31.7	18.7	58.9	18.3	18.1
Sawmill	10200'	19.4	8.2	42.4	7.4	8.0
Cottonwood Lakes	10150'	11.6	0.0	0.0	0.0	0.6
Big Pine Creek	9800'	17.9	6.9	38.6	6.8	7.2
Rock Creek Lakes	9700'	14.0	—	—	—	—
South Lake	9600'	16.0	6.2	39.0	6.2	7.3
Mammoth Pass	9300'	42.4	—	—	—	—

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%

**DEPARTMENT OF WATER RESOURCES
CALIFORNIA COOPERATIVE SNOW SURVEYS
April 1 Statewide Conditions**



SNOWLINES

This water year has been one of extremes. The Northern Sierra 8-Station Precipitation Index recorded the 9th wettest combined November and December on record and then the driest combined January through March total on record. Similarly, the San Joaquin 5-Station Precipitation Index recorded the 15th wettest combined November and December on record and then the driest combined January through March total on record. Statewide, the January 1 snowpack stood at 140 percent of average to date. On April 1, the snowpack measured 42 percent of average for the date.

Depicted on this month's cover is a DWR snow surveyor ascending Kearsarge Pass in 2001. Photo by Pat Armstrong.