

Summary of Water Conditions May 1, 2013

Hopes for some late season improvement in water supply were dashed when April precipitation turned out to be only half of normal and drier in the southern half of California. After a wet start in November and December, the four months of January through April were the driest such period of record, exceeding the previous low amount of 1977. The small residual 15 percent of average May 1 snowpack is the 3rd driest in 60 years; only 1977 and 1990 had less at this time. After a buildup to about 65 percent in mid-March, melting started early this spring with about 40 percent of average left on April 1. The bright spot is that reservoir storage overall is near normal for this date and can be used to augment reduced runoff for many of the State's water users in coming months.

Forecasts of median April through July runoff have been reduced to 45 percent of average compared to 70 percent one year ago. Water year runoff is projected to be 60 percent, boosted by the early winter storms. The range is from 65 percent in the Sacramento River to only 35 percent for the year in Tulare Lake region.

Snowpack water content, as measured manually on 171 snow courses, was about 15 percent of average for May 1 compared to 40 percent last year.

Precipitation from October through April is about 75 percent of average statewide and ranges from 85 percent in the northwestern regions to 40 percent in the South Lahontan region. April precipitation was 50 percent of average. Last year the seasonal precipitation stood at 75 percent on May 1.

Runoff so far has been 70 percent of average compared to 65 percent last year. April runoff was about 60 percent of average. Estimated runoff of the eight major rivers of the Sacramento-San Joaquin River region during April was about 2.0 million acre-feet.

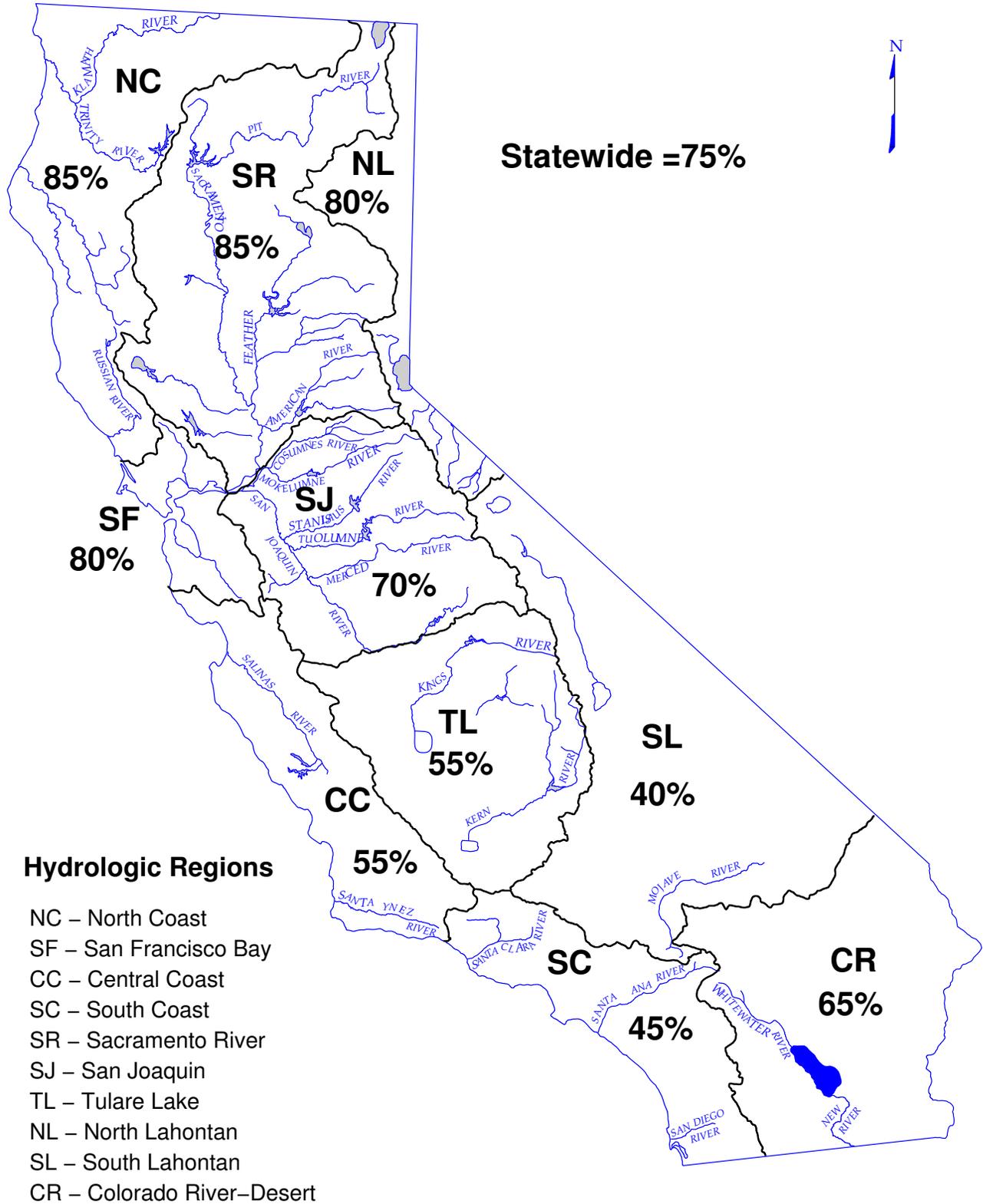
Reservoir storage is 95 percent of average, down from the 115 percent last year at this time. The west side San Luis Reservoir and several Tulare Lake region reservoirs are significantly below normal.

SUMMARY OF WATER CONDITIONS IN PERCENT OF AVERAGE

HYDROLOGIC REGION	PRECIPITATION OCTOBER 1 TO DATE	May 1 SNOW WATER CONTENT	May 1 RESERVOIR STORAGE	RUNOFF OCTOBER 1 TO DATE	APR-JULY RUNOFF FORECAST	WATER YEAR RUNOFF FORECAST
NORTH COAST	85	20	105	70	40	60
SAN FRANCISCO BAY	80	--	85	70	--	--
CENTRAL COAST	55	--	70	40	--	--
SOUTH COAST	45	--	80	25	--	--
SACRAMENTO RIVER	85	10	100	70	50	65
SAN JOAQUIN RIVER	70	25	95	70	45	50
TULARE LAKE	55	5	70	50	30	35
NORTH LAHONTAN	80	10	100	75	40	50
SOUTH LAHONTAN	40	>5	95	90	50	60
COLORADO RIVER-DESERT	65	--	--	--	--	--
STATEWIDE	75	15	95	70	45	60

DEPARTMENT OF WATER RESOURCES CALIFORNIA COOPERATIVE SNOW SURVEYS SEASONAL PRECIPITATION

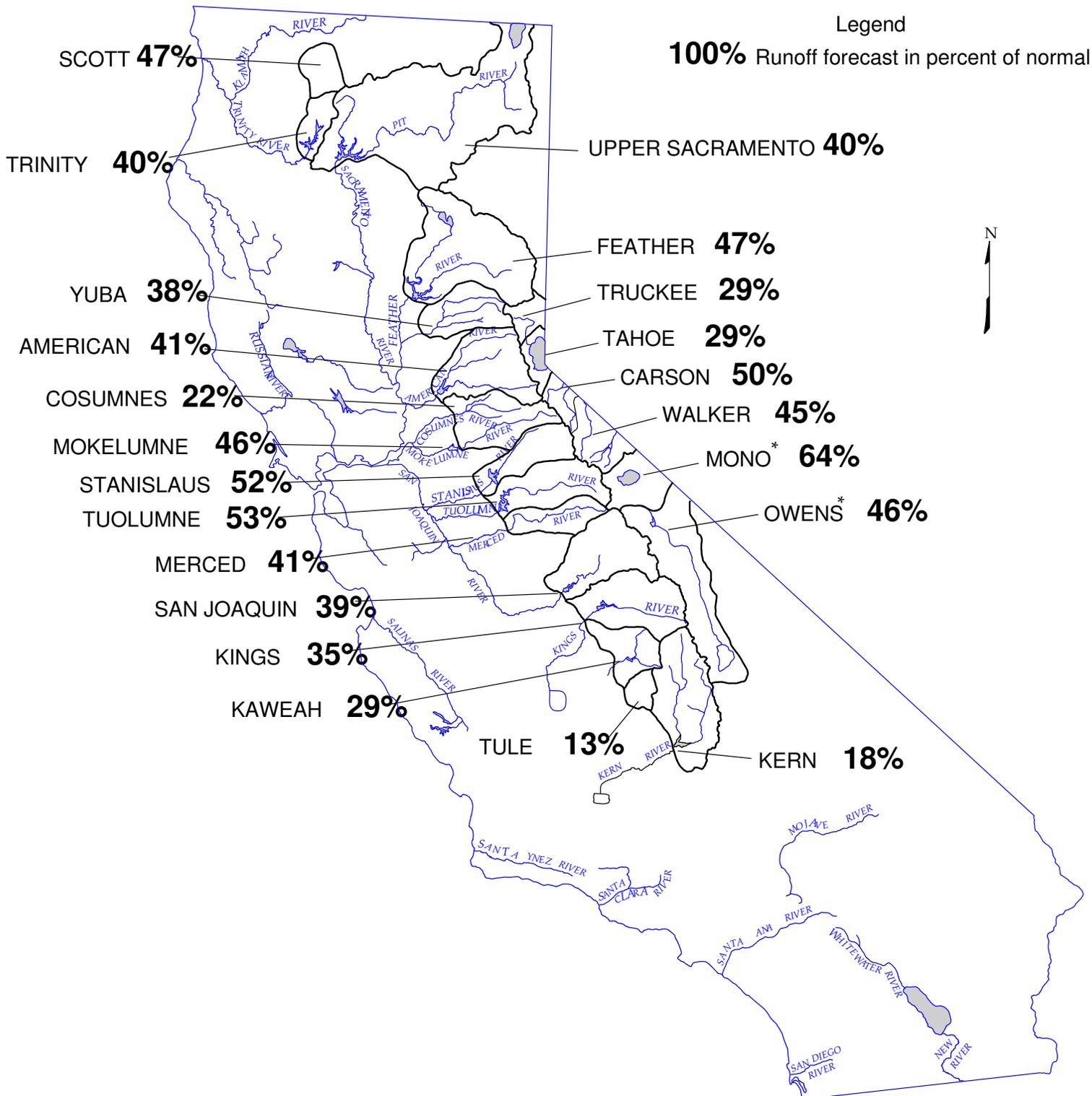
IN PERCENT OF AVERAGE TO DATE
October 1, 2012 through April 30, 2013



WATER YEAR IS OCTOBER 1 THROUGH SEPTEMBER 30

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

May 1, 2013



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

**MAY 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	260	40%	210 - 360
SACRAMENTO RIVER						
Upper Sacramento River						
Sacramento River at Delta above Shasta Lake	302	711	39	120	40%	
McCloud River above Shasta Lake	392	850	185	260	66%	
Pit River near Montgomery Creek + Squaw Creek	1,046	2,098	480	710	68%	
Total Inflow to Shasta Lake	1,806	3,525	726	1,090	60%	860 - 1,490
Sacramento River above Bend Bridge, near Red Bluff	2,485	5,075	943	1,450	58%	1,150 - 1,980
Feather River						
Feather River at Lake Almanor near Prattville (3)	333	675	120	190	57%	
North Fork at Pulga (3)	1,028	2,416	243	480	47%	
Middle Fork near Clio (4)	86	518	4	35	41%	
South Fork at Ponderosa Dam (3)	110	267	13	45	41%	
Feather River at Oroville	1,758	4,676	392	830	47%	560 - 1,240
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	380	38%	240 - 530
American River						
North Fork at North Fork Dam (3)	262	716	43	90	34%	
Middle Fork near Auburn (3)	522	1,406	100	200	38%	
Silver Creek Below Camino Diversion Dam (3)	173	386	37	70	40%	
American River below Folsom Lake	1,231	3,074	229	500	41%	330 - 700
SAN JOAQUIN RIVER						
Cosumnes River at Michigan Bar	128	363	8	28	22%	25 - 65
Mokelumne River						
North Fork near West Point (5)	437	829	104	200	46%	
Total Inflow to Pardee Reservoir	461	1,065	102	210	46%	180 - 260
Stanislaus River						
Middle Fork below Beardsley Dam (3)	334	702	64	170	51%	
North Fork Inflow to McKays Point Dam (3)	224	503	34	110	49%	
Stanislaus River below Goodwin Reservoir (9)	699	1,710	116	360	52%	270 - 460
Tuolumne River						
Cherry Creek & Eleanor Creek near Hetch Hetchy	315	727	97	170	54%	
Tuolumne River near Hetch Hetchy	604	1,392	153	350	58%	
Tuolumne River below La Grange Reservoir (9)	1,221	2,682	301	650	53%	550 - 820
Merced River						
Merced River at Pohono Bridge	372	888	80	170	46%	
Merced River below Merced Falls (9)	636	1,587	123	260	41%	200 - 370
San Joaquin River						
San Joaquin River at Mammoth Pool (7)	1,026	2,279	235	430	42%	
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	490	39%	340 - 660
TULARE LAKE						
Kings River						
North Fork Kings River near Cliff Camp (3)	239	565	50	80	33%	
Kings River below Pine Flat Reservoir	1,236	3,113	274	430	35%	330 - 550
Kaweah River below Terminus Reservoir	290	814	62	83	29%	55 - 140
Tule River below Lake Success	64	259	2	8	13%	6 - 25
Kern River						
Kern River near Kernville	384	1,203	83	80	21%	
Kern River inflow to Lake Isabella	465	1,657	84	85	18%	60 - 150

(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

MAY 1, 2013 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)
1376	2990	200	344	68	119	167	65	23	5	3	1	795	58%	742 - 900
876	1,965	165												
1,200	2,353	557												
3,082	5,150	1,484												
5,979	10,796	2,479	1,862	339	415	413	285	210	182	165	159	4,030	67%	3,685 - 4,520
8,727	17,180	3,294	2,667	469	543	566	385	270	229	191	190	5,510	63%	5,085 - 6,175
780	1,269	366												
2,417	4,400	666												
219	637	24												
291	562	32												
4,523	9,492	994	1,583	234	415	351	270	127	82	71	62	3,195	71%	2,840 - 3,655
564	1,056	102												
181	292	30												
379	565	98												
2,329	4,926	369	832	103	173	189	130	45	16	9	8	1,505	65%	1,355 - 1,665
616	1,234	66												
1,070	2,575	144												
318	705	59												
2,683	6,382	349	853	109	217	241	200	50	9	0	1	1,680	63%	1,505 - 1,885
385	1,253	20	97	15	22	20	6	2	0	0	0	162	42%	159 - 200
626	1,009	197												
751	1,800	129	142	25	52	98	90	20	2	1	0	430	57%	400 - 485
471	929	88												
1,167	2,952	155	195	42	86	131	145	70	14	4	3	690	59%	595 - 800
461	1,147	123												
770	1,661	258												
1,943	4,631	383	302	49	126	232	265	130	23	6	2	1,135	58%	1,030 - 1,320
461	1,020	92												
1,007	2,787	150	124	25	58	123	85	42	10	3	0	470	47%	410 - 590
1,337	2,964	308												
112	298	14												
248	653	71												
1,831	4,642	362	178	45	96	190	185	90	25	11	5	825	45%	665 - 1,010
284	607	58												
1,729	4,287	386	124	36	77	164	175	70	21	7	6	680	39%	565 - 820
456	1,402	94	36	13	20	34	36	10	3	2	1	155	34%	120 - 220
147	615	16	15	5	6	4	3	1	0	0	0	34	23%	32 - 53
558	1,577	163												
733	2,318	175	58	17	24	34	25	18	8	6	5	195	27%	165 - 270

(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

**MAY 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	85	47%
Klamath River					
Total inflow to Upper Klamath Lake (4)	340	618	84	275	81%
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NORTH LAHONTAN					
Truckee River					
Lake Tahoe to Farad accretions	256	713	52	74	29%
Lake Tahoe Rise (assuming gates closed, ft)	1.4	5.4	0.2	0.4	29%
Carson River					
West Fork Carson River at Woodfords	53	135	12	25	47%
East Fork Carson River near Gardnerville	186	407	43	95	51%
Walker River					
West Walker River below Little Walker, near Coleville	155	330	35	81	52%
East Walker River near Bridgeport	63	209	7	21	33%
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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)

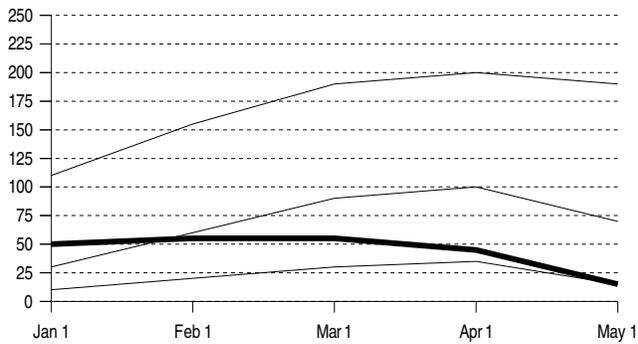
(4) Forecast by U.S. Natural Resources Conservation Service and National Weather Service California-Nevada River Forecast Center, May through September forecast, 30 year average based on years 1971-2000.

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

NORTH COAST REGION

Snowpack Accumulation

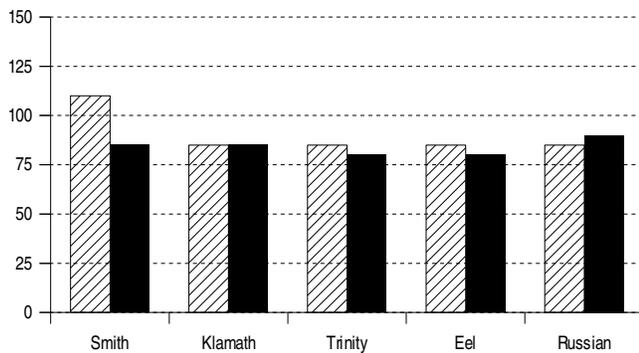
Water Content in % of April 1 Average



SNOWPACK- First of the month measurements made at 8 snow courses indicate an area wide snow water equivalent of 6.2 inches. This is 15 percent of the seasonal April 1 average and 20 percent of the May 1 average. Last year at this time the pack was holding 26.1 inches of water.

Precipitation

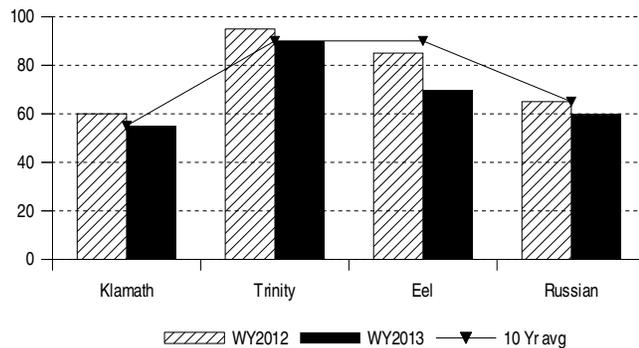
October 1 to date in % of Average



PRECIPITATION - Seasonal precipitation (October 1 through the end of last month) on this area was 85 percent of normal. Precipitation last month was about 80 percent of the monthly average. Seasonal precipitation at this time last year stood at 90 percent of normal.

Reservoir Storage

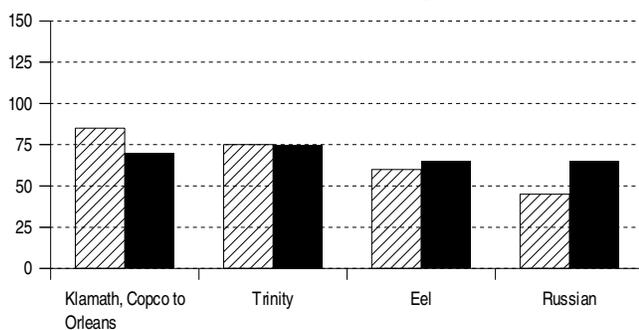
Contents of major reservoirs in % of capacity



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 115 percent of average.

Runoff

October 1 to date in % of average

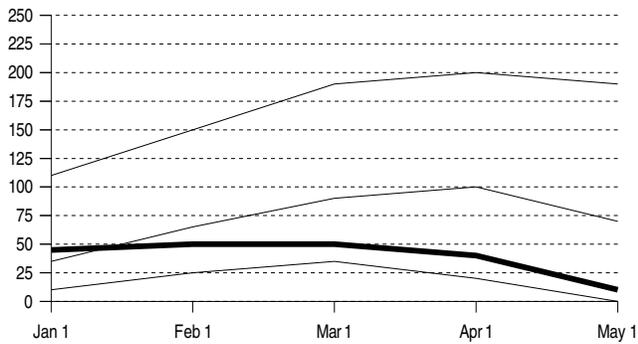


RUNOFF - Seasonal runoff of streams draining the area totaled 7.4 million acre-feet which is 70 percent of the average for this period. Last year, runoff for the same period was 70 percent of average.

SACRAMENTO RIVER REGION

Snowpack Accumulation

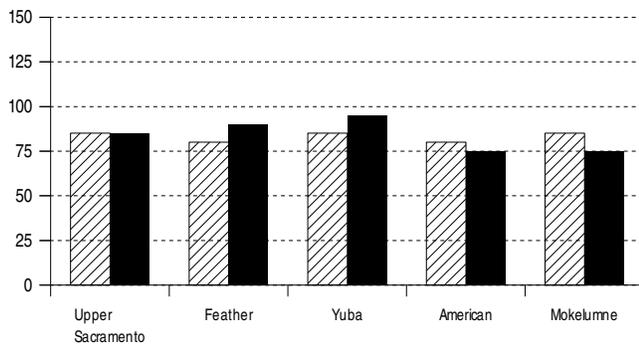
Water Content in % of April 1 Average



SNOWPACK- First of the month measurements made at 67 snow courses indicate an area wide snow water equivalent of 3.9 inches. This is 10 percent of the seasonal April 1 average and 10 percent of the May 1 average. Last year at this time the pack was holding 14 inches of water.

Precipitation

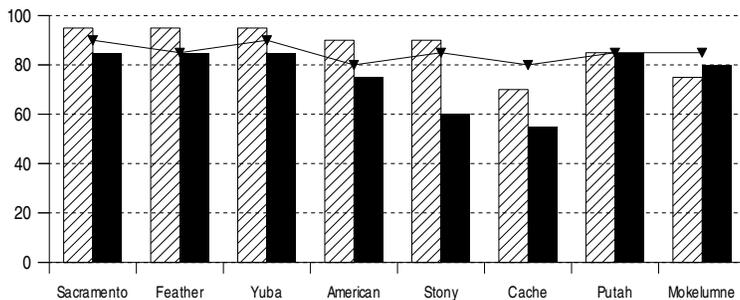
October 1 to date in % of Average



PRECIPITATION - Seasonal precipitation (October 1 through the end of last month) on this area was 85 percent of normal. Precipitation last month was about 60 percent of the monthly average. Seasonal precipitation at this time last year stood at 80 percent of normal.

Reservoir Storage

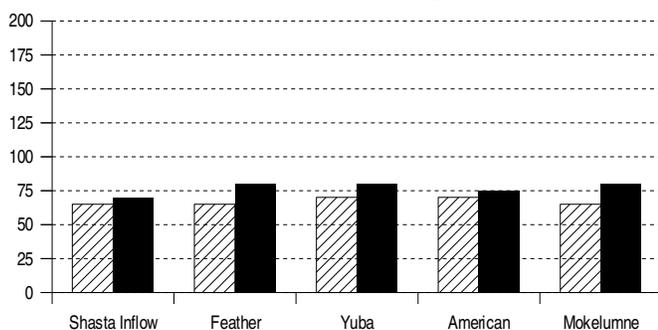
Contents of major reservoirs in % of capacity



RESERVOIR STORAGE- First of the month storage in 43 reservoirs was 13.1 million acre-feet which is 100 percent of average. About 80 percent of available capacity was being used. Storage in these reservoirs at this time last year was 115 percent of average.

Runoff

October 1 to date in % of average



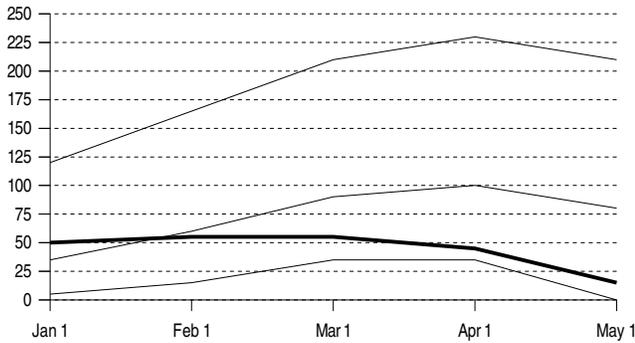
RUNOFF - Seasonal runoff of streams draining the area totaled 9.5 million acre-feet which is 70 percent of average for this period. Last year, runoff for the same period was 65 percent of average.

The **Sacramento Region 40-30-30 Water Supply Index** is forecast to be 5.8 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

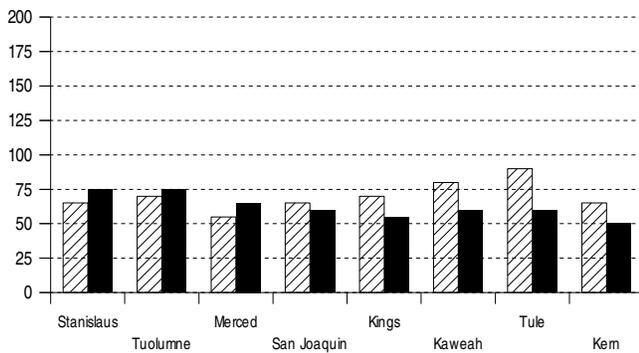
Snowpack Accumulation

Water Content in % of April 1 Average



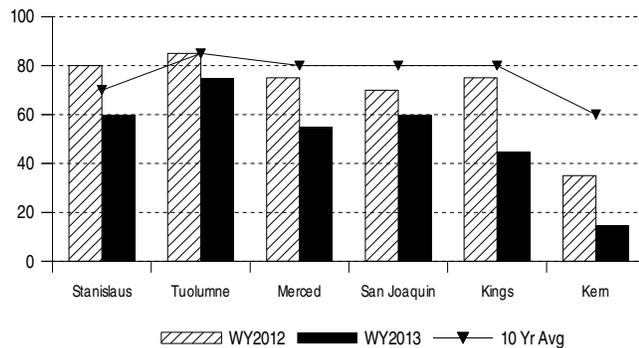
Precipitation

October 1 to date in % of Average



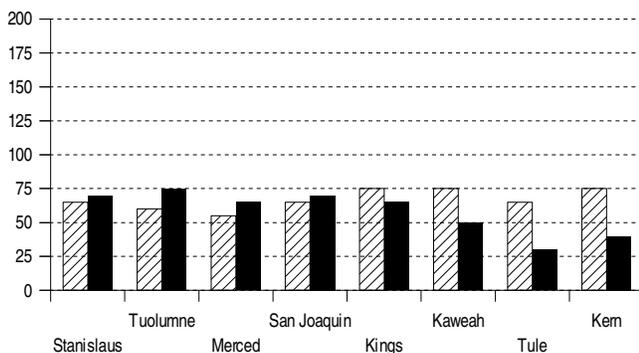
Reservoir Storage

Contents of major reservoirs in % of capacity



Runoff

October 1 to date in % of average



SNOWPACK- First of the month measurements made at 55 **San Joaquin Region** snow courses indicate an area wide snow water equivalent of 8.2 inches. This is 20 percent of the seasonal (April 1) average and 25 percent of the May 1 average. Last year at this time the pack was holding 8.9 inches of water. At the same time 34 **Tulare Lake Region** snow courses indicated a basin-wide snow water equivalent of 1.9 inches which is 5 percent of the average for April 1 and 5 percent of May 1. Last year at this time the basin was holding 3.5 inches of water.

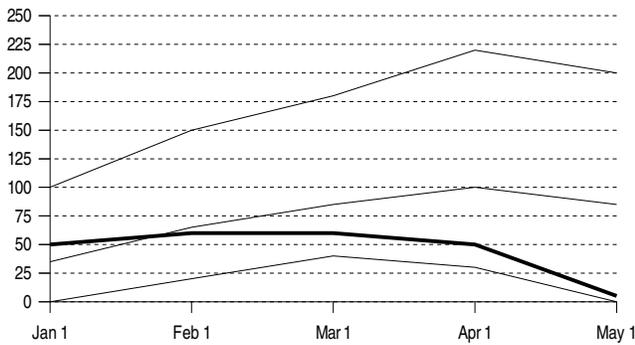
PRECIPITATION - Seasonal precipitation (October 1 through the end of last month) on the **San Joaquin Region** was 70 percent of normal. Precipitation last month was about 40 percent of the monthly average. Seasonal precipitation at this time last year stood at 65 percent of normal. Seasonal precipitation on the **Tulare Lake Region** was 55 percent of normal. Precipitation last month was about 20 percent of the monthly average. Seasonal precipitation at this time last year stood at 75 percent of normal.

RESERVOIR STORAGE- First of the month storage in 34 **San Joaquin Region** reservoirs was 7.3 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 115 percent of average. First of the month storage in 6 **Tulare Lake Region** reservoirs was 760 thousand acre-feet which is 70 percent of average and about 35 percent of available capacity. Storage in these reservoirs at this time last year was 120 percent of average.

RUNOFF- Seasonal runoff of streams draining the **San Joaquin Region** totaled 2.5 million acre-feet which is 70 percent of average for this period. Last year, runoff for the same period was 60 percent of average. Seasonal runoff of streams draining the **Tulare Lake Basin** totaled 667 thousand acre-feet which is 50 percent of average for this period. Last year runoff for this same period was 75 percent of average. The **San Joaquin Region 60-20-20 Water Supply Index** is forecast to be 1.6 assuming 75 percent of median meteorological conditions. This classifies the year as "critical" in the San Joaquin River Region according to the State Water Resources Control Board.

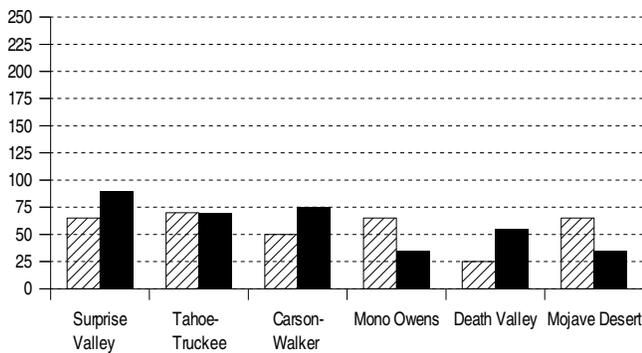
Snowpack Accumulation

Water Content in % of April 1 Average



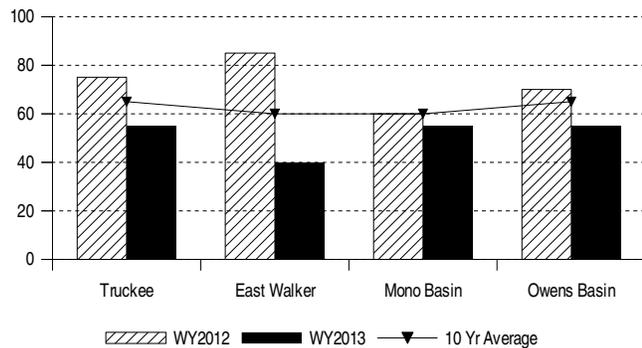
Precipitation

October 1 to date in % of Average



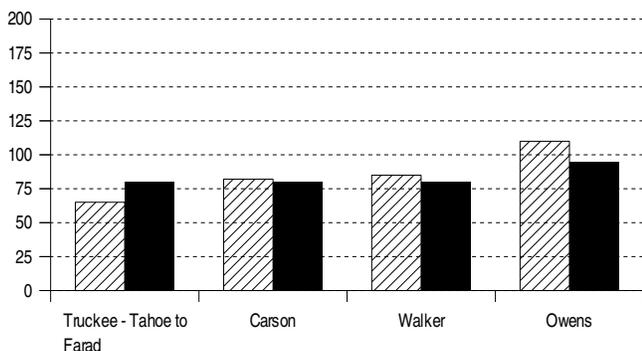
Reservoir Storage

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 5 **North Lahontan Region** snow courses indicate an area wide snow water equivalent of 2 inches. This is 10 percent of the seasonal (April 1) average and 10 percent of the May 1 average. Last year at this time the pack was holding 7.6 inches of water. At the same time 2 **South Lahontan** snow courses indicated a basin-wide snow water equivalent of 0.3 inches which is less than 5 percent of the seasonal (April 1) average and less than 5 percent of the May 1 average. Last year at this time the basin was holding 1.4 inches of water.

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 45 percent of the monthly average. Seasonal precipitation at this time last year stood at 60 percent of normal. Seasonal precipitation on the **South Lahontan** was 40 percent of normal. Precipitation last month was 5 percent of the monthly average. Seasonal precipitation at this time last year stood at 50 percent of normal.

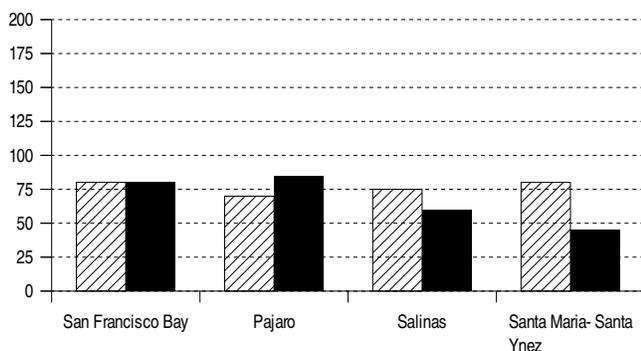
RESERVOIR STORAGE- First of the month storage in 5 **North Lahontan** reservoirs was 590 thousand acre-feet which is 100 percent of average. About 55 percent of available capacity was being used. Storage in these reservoirs at this time last year was 140 percent of average. Lake Tahoe was 4.4 feet above its natural rim on May 1. First of the month storage in 8 **South Lahontan** reservoirs was 288 thousand acre-feet which is 95 percent of average and about 65 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 323 thousand acre-feet which is 75 percent of average for this period. Last year, runoff for the same period was 75 percent of average. Seasonal runoff of the Owens River in the **South Lahontan** totaled 71 thousand acre-feet which is 95 percent of average for this period. Last year runoff for this same period was 110 percent of average.

SAN FRANCISCO BAY AND CENTRAL COAST REGIONS

Precipitation

October 1 to date in % of Average

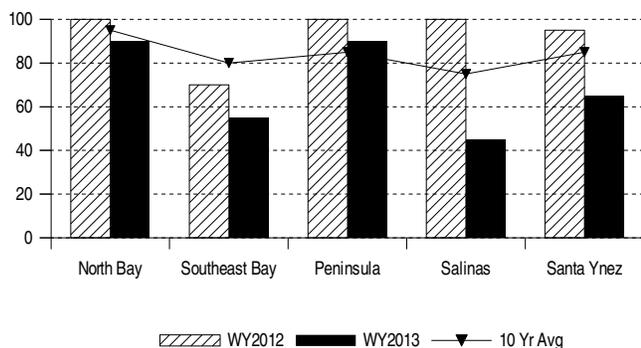


PRECIPITATION - Seasonal precipitation (October 1 through the end of last month) on the **San Francisco Bay Region** was 80 percent of normal. Precipitation last month was about 65 percent of the monthly average. Seasonal precipitation at this time last year stood at 80 percent of normal.

Seasonal precipitation on the **Central Coast Region** was 55 percent of normal. Precipitation last month was about 20 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

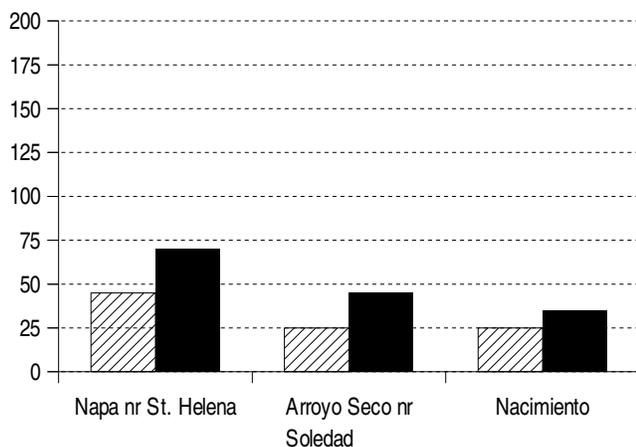


RESERVOIR STORAGE- First of the month storage in 17 **San Francisco Bay Region** reservoirs was 447 thousand acre-feet which is 85 percent of average. About 65 percent of available capacity was being used. Storage in these reservoirs at this time last year was 90 percent of average.

First of the month storage in 6 **Central Coast Region** reservoirs was 496 thousand acre-feet which is 70 percent of average and about 50 percent of available capacity. Storage in these reservoirs at this time last year was 100 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 51 thousand acre-feet which is 70 percent of average for this period. Last year, runoff for the same period was 45 percent of average.

Seasonal runoff of streams draining the **Central Coast Region** totaled 119 thousand acre-feet which is 40 percent of average for this period. Last year runoff for this same period was 25 percent of average.

SOUTH COAST AND COLORADO RIVER REGIONS

PRECIPITATION - October through April (seasonal) precipitation on the **South Coast Region** was 45 percent of normal. April precipitation was less than 5 percent of the monthly average. Seasonal precipitation at this time last year was 65 percent of normal. Seasonal precipitation on the **Colorado River-Desert Region** was 65 percent of normal. Precipitation during April was 0 percent of average. Seasonal precipitation at this time last year stood at 45 percent of average.

RESERVOIR STORAGE - May 1 storage in 29 major **South Coast Region** reservoirs was 1.2 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 95 percent of average.

RUNOFF - Seasonal runoff from selected **South Coast Region** streams totaled 11 thousand acre-feet which is 25 percent of average. Seasonal runoff from these streams last year was 30 percent of average.

COLORADO RIVER

The April July inflow to Lake Powell is forecast to be 3 million acre-feet, which is 42 percent of average. The May 1 snowpack in the Colorado River basin above Lake Powell was 75 percent of average, highest in the Upper Colorado at 100 percent and lowest in the Escalante at 10 percent. On May 1 combined storage in Lakes Powell, Mead, Mohave and Havasu was about 26.7 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.

**MAJOR WATER DISTRIBUTION PROJECTS
RESERVOIR STORAGE**

(AVERAGES BASED ON 1951-2000 OR PERIOD RECORD)

RESERVOIR	CAPACITY 1,000 AF	AVERAGE STORAGE 1,000 AF	2012 1,000 AF	STORAGE AT END OF April		
				2013 1,000 AF	PERCENT AVERAGE	PERCENT CAPACITY
<i>STATE WATER PROJECT</i>						
Lake Oroville	3,538	2,877	3,422	3,040	106%	86%
San Luis Reservoir (SWP)	1,062	961	919	431	45%	41%
Lake Del Valle	77	39	32	39	101%	51%
Lake Silverwood	73	69	69	73	106%	100%
Pyramid Lake	171	163	167	167	102%	97%
Castaic Lake	325	294	296	284	97%	87%
Perris Lake	132	111	74	72	65%	55%
<i>CENTRAL VALLEY PROJECT</i>						
Trinity Lake	2,448	2,020	2,338	2,142	106%	88%
Lake Shasta	4,552	3,924	4,440	3,788	97%	83%
Whiskeytown Lake	241	233	234	235	101%	97%
Folsom Lake	977	729	933	682	93%	70%
New Melones Reservoir	2,420	1,505	1,945	1,457	97%	60%
Millerton Lake	520	366	370	330	90%	63%
San Luis Reservoir (CVP)	971	860	727	679	79%	70%
<i>COLORADO RIVER PROJECT</i>						
Lake Mead	26,159	19,331	13,986	12,921	67%	49%
Lake Powell	24,322	17,499	15,508	11,422	65%	47%
Lake Mohave	1,810	1,670	1,708	1,723	103%	95%
Lake Havasu	619	586	602	587	100%	95%
<i>EAST BAY MUNICIPAL UTILITY DISTRICT</i>						
Pardee Res	198	183	198	184	100%	93%
Camanche Reservoir	417	268	251	331	123%	79%
East Bay (4 res.)	147	135	144	121	89%	82%
<i>CITY AND COUNTY OF SAN FRANCISCO</i>						
Hetch-Hetchy Reservoir	360	175	334	278	159%	77%
Cherry Lake	268	163	266	251	154%	94%
Lake Eleanor	26	16	24	25	155%	95%
South Bay/Peninsula (4 res.)	225	178	142	127	71%	56%
<i>CITY OF LOS ANGELES (D.W.P.)</i>						
Lake Crowley	183	125	146	101	81%	55%
Grant Lake	48	26	38	32	120%	66%
Other Aqueduct Storage (6 res.)	95	75	55	58	73%	58%

TELEMETERED SNOW WATER EQUIVALENTS

May 1, 2013

(AVERAGES BASED ON PERIOD RECORD)

BASIN NAME	STATION NAME	ELEV	INCHES OF WATER EQUIVALENT				
			APRIL 1 AVERAGE	PERCENT May 1 OF AVERAGE	24 HRS PREVIOUS	1 WEEK PREVIOUS	
TRINITY RIVER							
	Peterson Flat	7150'	29.2	2.3	7.8	3.6	12.0
	Red Rock Mountain	6700'	39.6	6.9	17.4	7.8	15.4
	Bonanza King	6450'	40.5	0.0	0.0	0.0	0.0
	Shimmy Lake	6400'	40.3	—	—	—	—
	Middle Boulder 3	6200'	28.3	0.0	0.0	0.0	0.0
	Highland Lakes	6030'	29.9	0.0	0.0	0.0	0.0
	Scott Mountain	5900'	16.0	0.0	0.0	0.0	0.0
	Mumbo Basin	5650'	22.4	0.0	0.0	0.0	0.0
	Big Flat	5100'	15.8	0.0	0.0	0.0	0.6
	Crowder Flat	5100'	—	0.0	—	0.0	0.0
SACRAMENTO RIVER							
	Cedar Pass	7100'	18.1	—	—	—	—
	Blacks Mountain	7050'	12.7	0.0	0.0	0.0	0.5
	Sand Flat	6750'	42.4	4.2	9.9	6.1	14.2
	Medicine Lake	6700'	32.6	15.1	46.4	15.8	20.8
	Adin Mountain	6200'	13.6	0.0	0.0	0.0	0.0
	Snow Mountain	5950'	27.0	0.0	0.0	0.0	0.4
	Slate Creek	5700'	29.0	0.0	0.0	0.0	0.0
	Stouts Meadow	5400'	36.0	0.0	0.0	0.0	0.0
FEATHER RIVER							
	Lower Lassen Peak	8250'	—	—	—	—	—
	Kettle Rock	7300'	25.5	0.0	0.0	0.0	1.8
	Grizzly Ridge	6900'	29.7	0.0	0.0	0.0	0.4
	Pilot Peak	6800'	52.6	—	—	—	—
	Gold Lake	6750'	36.5	16.4	45.0	17.4	22.2
	Humbug	6500'	28.0	0.0	0.0	0.0	5.5
	Harkness Flat	6200'	28.5	0.0	0.0	0.0	0.0
	Rattlesnake	6100'	14.0	0.0	0.0	0.0	0.0
	Bucks Lake	5750'	44.7	0.5	1.1	0.6	7.2
	Four Trees	5150'	20.0	0.0	0.0	0.0	0.0
EEL RIVER							
	Hull Mountain	6461'	—	—	—	—	—
	Noel Spring	5100'	—	0.0	—	0.0	0.0
YUBA & AMERICAN RIVERS							
	Schneiders	8750'	34.5	20.9	60.7	21.9	27.6
	Lake Lois	8600'	39.5	34.0	86.0	34.9	38.5
	Carson Pass	8353'	—	10.1	—	10.9	17.4
	Caples Lake	8000'	30.9	0.0	0.0	0.0	6.5
	Alpha	7600'	35.9	0.3	1.0	0.5	2.1
	Forni Ridge	7600'	37.0	0.6	1.6	0.6	5.2
	Meadow Lake	7200'	55.5	16.6	30.0	17.9	26.6
	Silver Lake	7100'	22.7	0.0	0.0	0.0	0.0
	Central Sierra Snow Lab	6900'	33.6	0.0	0.0	0.0	0.0
	Van Vleck	6700'	35.9	0.0	0.0	0.0	3.3
	Huysink	6600'	42.6	—	—	—	—
	Robinson Cow Camp	6480'	—	0.0	—	0.0	0.0
	Robbs Saddle	5900'	21.4	0.0	0.0	0.0	0.0
	Greek Store	5600'	21.0	0.0	0.0	0.0	0.0
	Blue Canyon	5280'	9.0	0.0	0.0	0.0	0.0
	Robbs Powerhouse	5150'	5.2	—	—	—	—
MOKELUMNE & STANISLAUS RIVERS							
	Deadman Creek	9250'	37.2	13.4	36.1	14.0	18.0
	Highland Meadow	8700'	47.9	26.9	56.2	28.1	32.1
	Gianelli Meadow	8400'	55.5	16.0	28.8	17.5	25.0
	Lower Relief Valley	8100'	41.2	6.9	16.8	8.2	14.1
	Blue Lakes	8000'	33.1	9.0	27.2	9.3	13.1
	Stanislaus Meadow	7750'	47.5	8.0	16.9	9.1	15.4
	Bloods Creek	7200'	35.5	0.0	0.0	0.1	1.6
	Black Springs	6500'	32.0	0.0	0.0	0.0	2.6
TUOLUMNE & MERCED RIVERS							
	Dana Meadows	9800'	27.7	5.0	18.1	6.0	11.2
	Slide Canyon	9200'	41.1	—	—	—	—
	Tuolumne Meadows	8600'	22.6	—	—	—	—
	Horse Meadow	8400'	48.6	25.7	53.0	26.9	33.1
	Ostrander Lake	8200'	34.8	—	—	—	—
	Lake Tenaya	8150'	33.1	11.4	34.6	12.1	15.2
	White Wolf	7900'	—	0.0	—	0.0	2.7
	Paradise Meadow	7650'	41.3	8.2	19.8	9.7	16.8
	Gin Flat	7050'	34.2	0.0	0.0	0.0	1.4
	Lower Kibbie Ridge	6700'	27.4	0.0	0.0	0.0	0.0

SAN JOAQUIN RIVER

Volcanic Knob	10050'	30.1	6.7	22.3	7.7	11.4
Agnew Pass	9450'	32.3	3.2	10.0	3.6	3.5
Kaiser Point	9200'	37.8	0.0	0.0	0.0	0.0
Green Mountain	7900'	30.8	0.0	0.0	0.0	0.4
Devil's Postpile	7569'	—	—	—	—	—
Tamarack Summit	7550'	30.5	0.0	0.0	0.0	0.0
Chilkoot Meadow	7150'	38.0	0.0	0.0	0.1	2.8
Huntington Lake	7000'	20.1	0.0	0.0	0.0	0.0
Graveyard Meadow	6900'	18.8	0.0	0.0	0.0	0.0
Poison Ridge	6900'	28.9	0.0	0.0	0.0	0.0

KINGS RIVER

Bishop Pass	11200'	34.0	13.0	38.1	13.6	15.7
Charlotte Lake	10400'	27.5	0.0	0.0	1.5	3.6
State Lakes	10300'	29.0	—	—	—	—
Blackcap Basin	10300'	34.3	—	—	—	—
Mitchell Meadow	9900'	32.9	9.2	28.0	10.2	15.4
Upper Burnt Corral	9700'	34.6	6.0	17.4	7.0	14.7
West Woodchuck Meadow	9100'	32.8	0.0	0.0	0.0	0.0
Big Meadows	7600'	25.9	—	—	—	—

KAWEAH & TULE RIVERS

Farewell Gap	9500'	34.5	1.6	4.6	2.0	9.2
Quaking Aspen	7200'	21.0	0.0	0.0	0.0	0.0
Giant Forest	6650'	10.0	0.0	0.0	0.0	0.0

KERN RIVER

Upper Tyndall Creek	11400'	27.7	4.5	16.2	4.6	6.2
Crabtree Meadow	10700'	19.8	0.0	0.0	0.0	0.0
Chagoopa Plateau	10300'	21.8	0.0	0.0	0.0	0.0
Pascoes	9150'	24.9	0.0	0.0	0.0	0.0
Wet Meadows	8950'	30.3	0.0	0.0	0.0	0.0
Tunnel Guard Station	8900'	15.6	0.0	0.0	0.0	0.0
Casa Vieja Meadows	8300'	20.9	0.0	0.0	0.0	0.0
Beach Meadows	7650'	11.0	0.0	0.0	0.0	0.0

SURPRISE VALLEY AREA

Dismal Swamp	7050'	29.2	16.0	54.8	16.1	20.1
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TRUCKEE RIVER

Big Meadows	8700'	25.7	0.0	0.0	0.0	5.8
Independence Lake	8450'	41.4	30.8	74.4	31.6	36.4
Squaw Valley	8200'	46.5	8.1	17.4	9.4	18.6
Independence Camp	7000'	21.8	0.0	0.0	0.0	0.0
Independence Creek	6500'	12.7	0.0	0.0	0.0	0.0
Truckee 2	6400'	14.3	0.0	0.0	0.0	0.0

LAKE TAHOE BASIN

Mount Rose Ski Area	8900'	38.5	18.0	46.8	18.2	24.8
Heavenly Valley	8800'	28.1	0.0	0.0	0.0	6.7
Hagans Meadow	8000'	16.5	0.0	0.0	0.0	0.0
Marlette Lake	8000'	21.1	0.0	0.0	0.1	4.3
Echo Peak 5	7800'	39.5	2.3	5.8	3.7	13.4
Rubicon Peak 2	7500'	29.1	1.1	3.8	2.5	6.7
Tahoe City Cross	6750'	16.0	0.0	0.0	0.0	0.0
Ward Creek 3	6750'	39.4	0.0	0.0	0.0	2.0
Fallen Leaf Lake	6250'	7.0	0.0	0.0	0.0	0.0

CARSON RIVER

Ebbetts Pass	8700'	38.8	5.5	14.2	7.1	16.1
Horse Meadow	8557'	—	0.0	—	0.0	0.6
Monitor Pass	8350'	—	0.0	—	0.0	0.3
Burnside Lake	8129'	—	0.0	—	0.1	5.0
Forestdale Creek	8017'	—	12.5	—	12.9	17.6
Poison Flat	7900'	16.2	—	—	—	—
Spratt Creek	6150'	4.5	0.0	0.0	0.0	0.0

WALKER RIVER

Leavitt Lake	9600'	—	42.6	—	42.3	46.0
Summit Meadow	9313'	—	0.0	—	0.2	3.7
Virginia Lakes	9300'	20.3	6.6	32.5	7.2	10.3
Lobdell Lake	9200'	17.3	0.0	0.0	0.0	1.9
Sonora Pass Bridge	8750'	26.0	8.9	34.2	9.6	14.2
Leavitt Meadows	7200'	8.0	0.0	0.0	0.0	0.0

OWENS RIVER/MONO LAKE

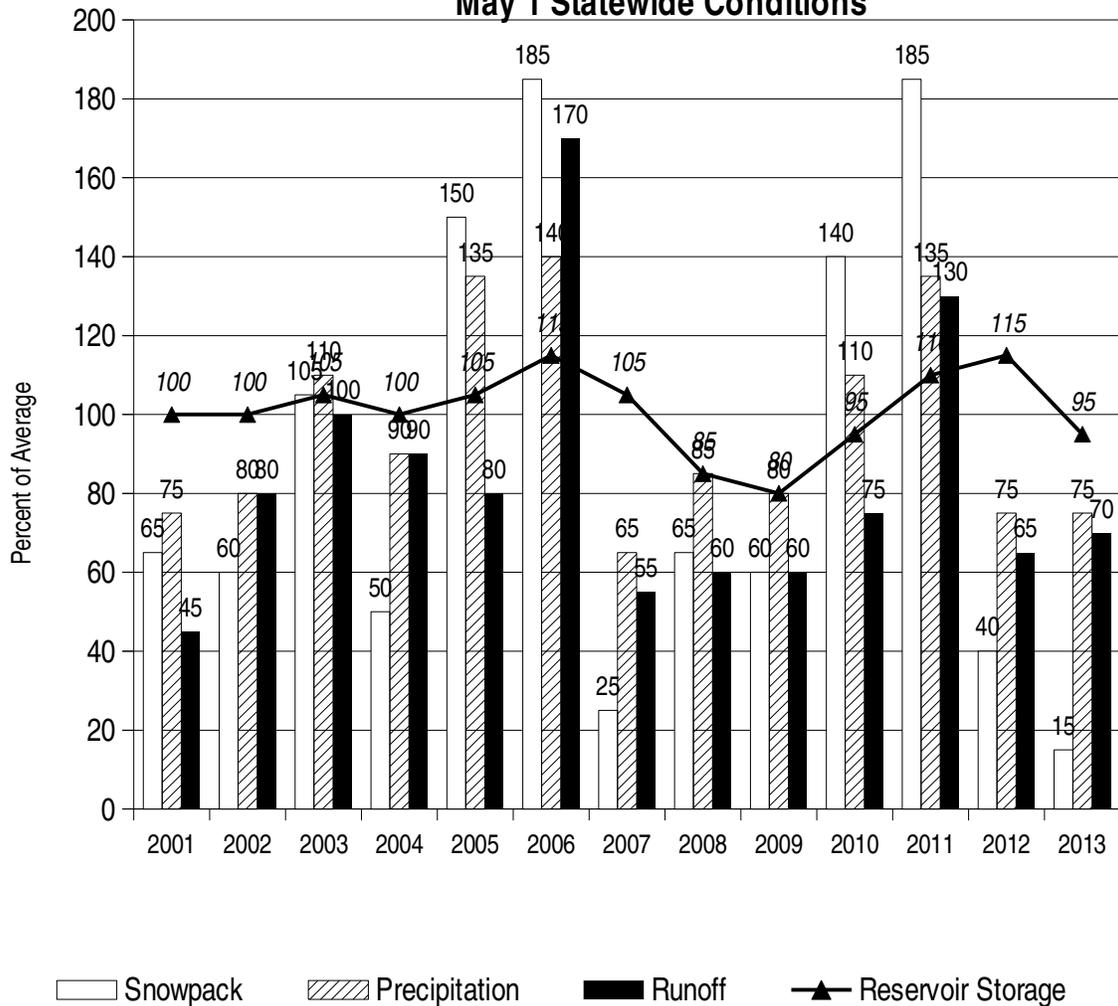
Gem Pass	10750'	31.7	13.1	41.2	13.5	15.7
Sawmill	10200'	19.4	0.1	0.3	0.2	1.4
Cottonwood Lakes	10150'	11.6	0.0	0.0	0.0	0.0
Big Pine Creek	9800'	17.9	0.0	0.0	0.0	0.0
Rock Creek Lakes	9700'	14.0	—	—	—	—
South Lake	9600'	16.0	0.0	0.0	0.0	0.0
Mammoth Pass	9300'	42.4	—	—	—	—

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%

**DEPARTMENT OF WATER RESOURCES
CALIFORNIA COOPERATIVE SNOW SURVEYS**

May 1 Statewide Conditions



SNOWLINES

Next year's Western Snow Conference will be held in Colorado the second or third week of April. For further information contact Frank Gehrke at 916-574-2635 or gridley@water.ca.gov Information is available on the web at <http://www.westernsnowconference.org>.

On this month's cover- Depicted on this month's cover is the Big Whitney cabin. Photo by Pat Armstrong.