Summary of Water Conditions

February 1, 2016

At just over the halfway point of the California rainy season, watershed conditions, except for reservoir storage, are the best since 2011 at this time, with seasonal precipitation and snowpack above average so far. Runoff to date is near average too in the north but lagging in the south. Storage is still well below normal, a legacy of the four preceding years of drought. The season started slowly in the fall in northern California, but both December and January have been fruitful months. In contrast to last year, most storms have been cooler which has resulted in the good snowpack. Not all the storms reached the southern end of the Sierra, which is the reason for a smaller pack there. Reservoir storage, by and large, is still depleted and will need to recover more to end the drought.

Forecasts of median April through July runoff are expected to be about average at 100 percent based on the relatively good snowpack and normal future weather compared to last year's forecast of 50 percent at this time and an eventual actual runoff of only 22 percent at the end of the season. Water year runoff forecasts are a bit less at 90 percent because of residual dryness from past years.

Snowpack water content is good at 115 percent for this date compared to last year's very poor 20 percent. The pack is about 75 percent of the April 1 average, normally the time of maximum accumulation. It ranges from about 140 percent of the February 1 average in the North Coast region to about 80 percent in the South Lahontan region.

Precipitation from October through January was about 115 percent of average statewide so far compared to 80 percent last year. Along the coast and on the east side,, the north fared better than the south. But in the Central Valley basins, the early season pattern reversed with more now in the south. January precipitation was well above average at 145 percent for the month, a vast improvement over last year's 20 percent during January.

Runoff to date has been 95 percent of average compared to 65 percent last year on this date. Estimated January runoff was 130 percent of average; in 2015 the month produced 25 percent of average. Estimated runoff of the eight major rivers of the Sacramento-San Joaquin River region in January 2016 was 3.6 million acre-feet.

Reservoir storage is about 65 percent of average almost the same as reported one year ago. In 1991 total reservoir storage at the end of January was lower at 50 percent.

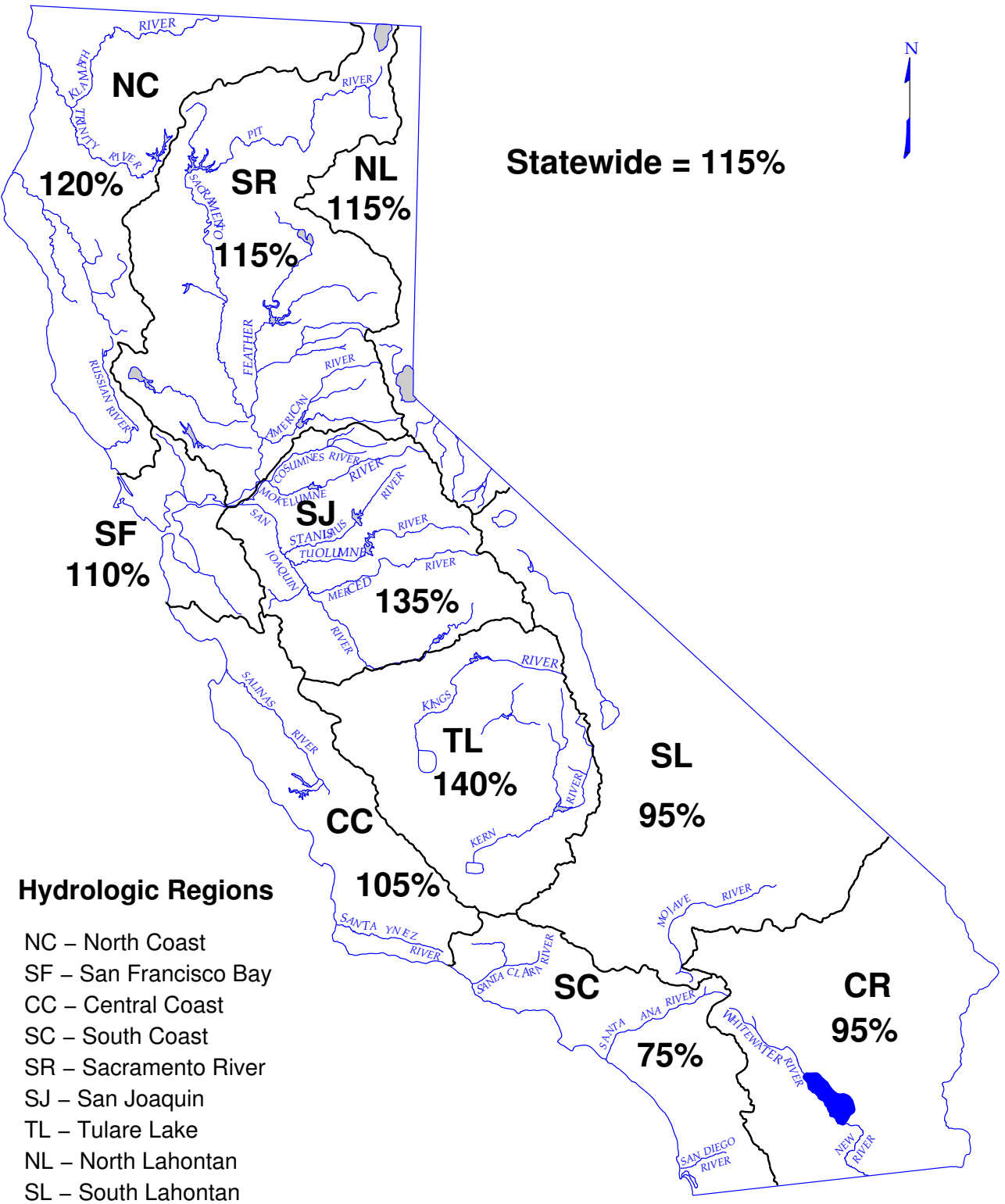
SUMMARY OF WATER CONDITIONS
IN PERCENT OF AVERAGE

HYDROLOGIC REGION	PRECIPITATION OCTOBER 1 TO DATE	FEBRUARY 1 SNOW WATER CONTENT	FEBRUARY 1 RESERVOIR STORAGE	RUNOFF OCTOBER 1 TO DATE	APR-JULY RUNOFF FORECAST	WATER YEAR RUNOFF FORECAST
NORTH COAST	120	140	50	110	110	100
SAN FRANCISCO BAY	110	--	100	50	--	--
CENTRAL COAST	105	--	25	30	--	--
SOUTH COAST	75	--	75	30	--	--
SACRAMENTO RIVER	115	120	80	85	95	90
SAN JOAQUIN RIVER	135	120	50	80	105	95
TULARE LAKE	140	100	45	55	85	75
NORTH LAHONTAN	115	115	10	70	100	95
SOUTH LAHONTAN	95	80	90	50	90	80
COLORADO RIVER-DESERT	95	--	--	--	--	--
STATEWIDE	115	115	65	95	100	90

SEASONAL PRECIPITATION

IN PERCENT OF AVERAGE TO DATE

October 1, 2015 through January 31, 2016

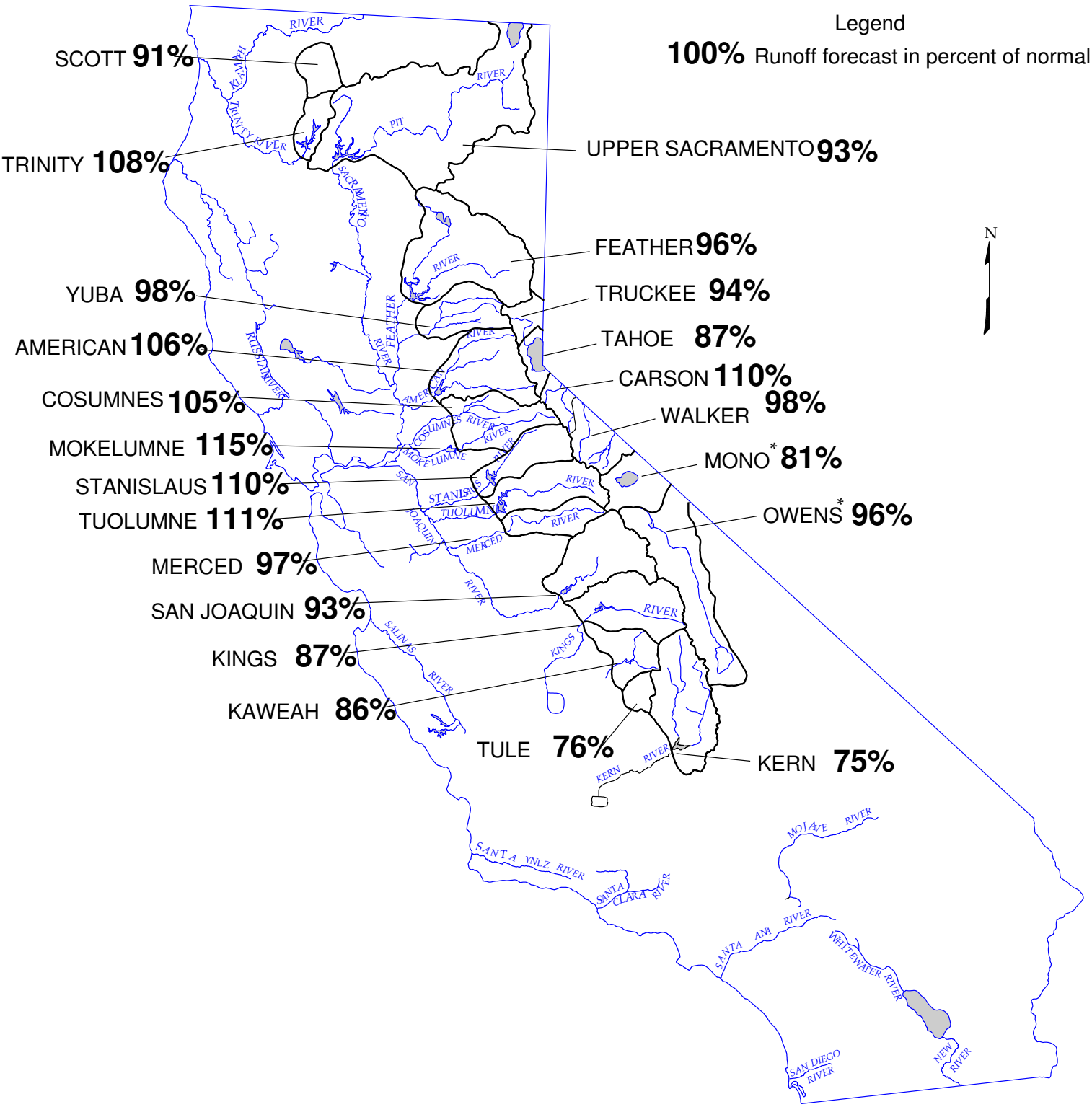


Hydrologic Regions

NC – North Coast
SF – San Francisco Bay
CC – Central Coast
SC – South Coast
SR – Sacramento River
SJ – San Joaquin
TL – Tulare Lake
NL – North Lahontan
SL – South Lahontan
CR – Colorado River–Desert

WATER YEAR IS OCTOBER 1 THROUGH SEPTEMBER 30

DEPARTMENT OF WATER RESOURCES
CALIFORNIA COOPERATIVE SNOW SURVEYS
FORECAST OF APRIL – JULY
UNIMPAIRED SNOWMELT RUNOFF
February 1, 2016



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

FEBRUARY 1, 2016 FORECASTS
APRIL-JULY UNIMPAIRED RUNOFF

HYDROLOGIC REGION and Watershed	Unimpaired Runoff in 1,000 Acre-Feet (1) HISTORICAL 50 Yr Avg (2)	Max of Record	Min of Record (11)	FORECAST Apr-Jul Forecasts	Pct of Avg	80 % Probability Range (1)
North Coast						
Trinity River at Lewiston Lake	651	1,593	80	**700**	108%	480 - 1,100
SACRAMENTO RIVER						
Upper Sacramento River						
Sacramento River at Delta above Shasta Lake	302	751	39	260	86%	
McCloud River above Shasta Lake	392	850	185	350	89%	
Pit River near Montgomery Creek + Squaw Creek	1,046	2,098	480	1,010	97%	
Total Inflow to Shasta Lake	1,806	3,525	711	**1,680**	93%	1,220 - 2,680
Sacramento River above Bend Bridge, near Red Bluff	2,485	5,117	943	**2,280**	92%	1,580 - 3,950
Feather River						
Feather River at Lake Almanor near Prattville (3)	333	675	120	320	96%	
North Fork at Pulga (3)	1,028	2,416	243	990	96%	
Middle Fork near Clio (4)	86	518	4	80	93%	
South Fork at Ponderosa Dam (3)	110	267	13	105	95%	
Feather River at Oroville	1,758	4,676	378	**1,690**	96%	990 - 3,130
Yuba River						
North Yuba below Goodyears Bar	279	647	51	270	97%	
Inflow to Jackson Mdws and Bowman Reservoirs (3)	112	236	25	110	98%	
South Yuba at Langs Crossing (3)	233	481	57	230	99%	
Yuba River near Smartsville plus Deer Creek	996	2,424	155	**980**	98%	580 - 1,670
American River						
North Fork at North Fork Dam (3)	262	716	43	280	107%	
Middle Fork near Auburn (3)	522	1,406	100	550	105%	
Silver Creek Below Camino Diversion Dam (3)	173	386	37	190	110%	
American River below Folsom Lake	1,231	3,074	185	**1,300**	106%	750 - 2,320
SAN JOAQUIN RIVER						
Cosumnes River at Michigan Bar	128	446	8	**135**	105%	65 - 280
Mokelumne River						
North Fork near West Point (5)	437	829	104	500	114%	
Total Inflow to Pardee Reservoir	468	1,076	75	**540**	115%	360 - 830
Stanislaus River						
Middle Fork below Beardsley Dam (3)	334	702	64	370	111%	
North Fork Inflow to McKays Point Dam (3)	224	503	34	250	112%	
Stanislaus River below Goodwin Reservoir (9)	699	1,710	116	**770**	110%	510 - 1,230
Tuolumne River						
Cherry Creek & Eleanor Creek near Hetch Hetchy	315	727	97	350	111%	
Tuolumne River near Hetch Hetchy	604	1,392	153	680	113%	
Tuolumne River below La Grange Reservoir (9)	1,221	2,682	301	**1,360**	111%	900 - 2,120
Merced River						
Merced River at Pohono Bridge	372	888	80	370	99%	
Merced River below Merced Falls (9)	636	1,587	104	**620**	97%	440 - 1,130
San Joaquin River						
San Joaquin River at Mammoth Pool (7)	1,026	2,279	235	970	95%	
Big Creek below Huntington Lake (8)	91	264	11	85	93%	
South Fork near Florence Lake (7)	201	511	58	190	95%	
San Joaquin River inflow to Millerton Lake	1,258	3,355	193	**1,170**	93%	790 - 1,990
TULARE LAKE						
Kings River						
North Fork Kings River near Cliff Camp (3)	239	565	50	210	88%	
Kings River below Pine Flat Reservoir	1,236	3,113	208	**1,070**	87%	700 - 1,900
Kaweah River below Terminus Reservoir	290	814	42	**250**	86%	150 - 490
Tule River below Lake Success	64	259	1	**48**	76%	22 - 115
Kern River						
Kern River near Kernville	384	1,203	83	290	76%	
Kern River inflow to Lake Isabella	465	1,657	57	**350**	75%	200 - 830

(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

FEBRUARY 1, 2016 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 (11)	Oct Thru Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Water Year Forecasts	Pct of Avg	80 % Probability Range (1)	
1376	2990	200	300	160	188	250	285	125	40	13	9	**1,370**	100%	1,030 -	1,985
876	1,965	165													
1,200	2,353	557													
3,082	5,150	1,484													
5,979	10,796	2,479	1,631	840	850	640	490	315	235	215	214	**5,430**	91%	4,385 -	7,695
8,727	17,180	3,294	2,772	1,000	1,100	880	670	420	310	270	258	**7,680**	88%	6,170 -	11,275
780	1,269	366													
2,417	4,400	666													
219	637	24													
291	562	32													
4,523	9,492	994	1,022	520	600	670	600	280	140	100	83	**4,015**	89%	2,850 -	6,565
564	1,056	102													
181	292	30													
379	565	98													
2,329	4,926	369	530	230	295	360	400	180	40	20	20	**2,075**	89%	1,440 -	3,165
616	1,234	66													
1,070	2,575	144													
318	705	59													
2,683	6,382	349	581	290	372	450	530	270	50	15	12	**2,570**	96%	1,825 -	4,135
385	1,253	20	69	65	74	70	45	16	4	1	1	**345**	90%	200 -	645
626	1,009	197													
763	1,848	129	97	60	86	140	230	150	20	4	3	**790**	104%	550 -	1,170
471	929	88													
1,167	2,952	155	159	90	125	210	330	190	40	11	5	**1,160**	99%	820 -	1,760
461	1,147	123													
770	1,661	258													
1,943	4,631	383	297	140	178	300	520	430	110	25	10	**2,010**	103%	1,430 -	2,970
461	1,020	92													
1,007	2,787	150	120	60	89	150	260	170	40	11	5	**905**	90%	670 -	1,560
1,337	2,964	308													
112	298	14													
248	653	71													
1,831	4,642	327	126	80	132	240	440	370	120	40	17	**1,565**	85%	1,090 -	2,580
284	607	58													
1,729	4,287	359	110	60	102	210	410	340	110	32	16	**1,390**	80%	940 -	2,390
456	1,402	89	37	20	36	65	105	65	15	4	3	**350**	77%	220 -	660
147	615	10	24	10	17	22	17	7	2	1	0	**100**	68%	55 -	210
558	1,577	163													
733	2,318	130	51	30	42	80	130	100	40	19	13	**505**	69%	310 -	1,130

(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
(11) For the tributaries, the period of record over which the minimum values are found does not include years after water year 2011.
* Unimpaired runoff in months prior to forecast date are based on measured flows

FEBRUARY 1, 2016 FORECASTS
APRIL-JULY UNIMPAIRED RUNOFF

HYDROLOGIC REGION and Watershed	Apr-Jul Unimpaired Runoff in 1,000 Acre-Feet (1) HISTORICAL 50 Yr Avg (2)	Max of Record	Min of Record	FORECAST Apr-Jul Forecasts	Pct of Avg
NORTH COAST					
Scott River					
Scott River nr Ft Jones (3)	173	398	22	**157**	91%
Klamath River					
Total inflow to Upper Klamath Lake (4)	475	1,150	149	**544**	115%
NORTH LAHONTAN					
Truckee River					
Lake Tahoe to Farad accretions	256	713	46	**240**	94%
Lake Tahoe Rise (assuming gates closed, ft)	1.4	5.4	0.2	**1.2**	87%
Carson River					
West Fork Carson River at Woodfords	53	135	10	**55**	104%
East Fork Carson River near Gardnerville	186	407	43	**210**	113%
Walker River					
West Walker River below Little Walker, near Coleville	155	330	35	**155**	100%
East Walker River near Bridgeport	63	209	7	**60**	95%
SOUTH LAHONTAN					
Owens River					
Total tributary flow to Owens River (5)	235	579	84	**225**	96%

(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 (1981-2010)
(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 1981-2010.
(5) Forecast by Department of Water and Power, City of Los Angeles, average based on years 1961-2010
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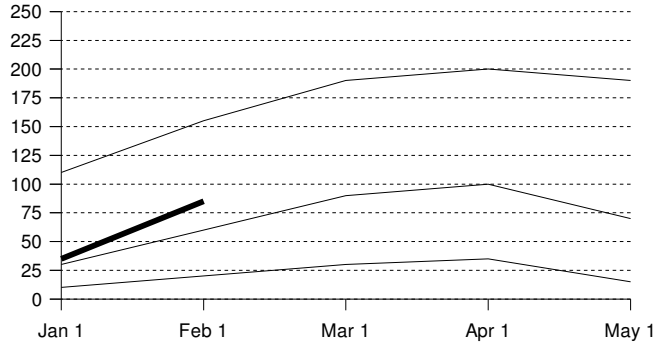
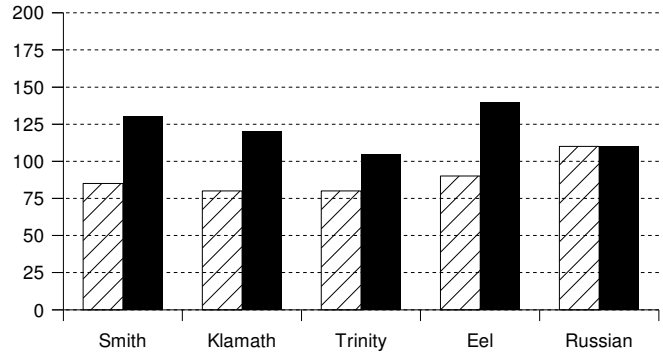
Snowpack Accumulation

Water Content in % of April 1 Average



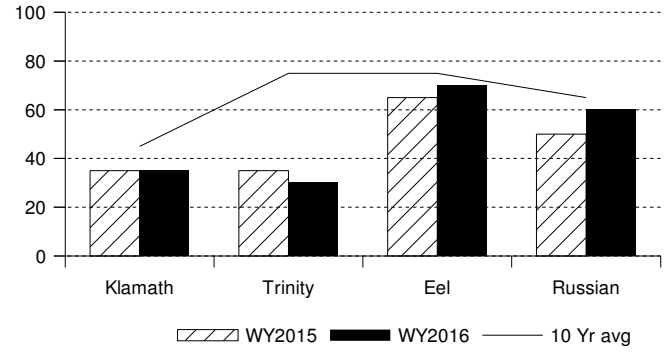
Precipitation

October 1 to date in % of Average



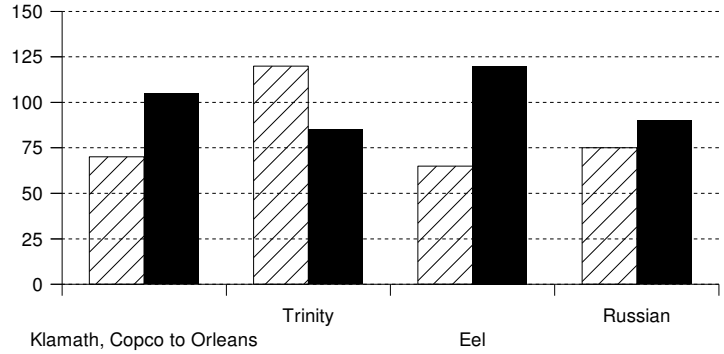
Reservoir Storage

Contents of major reservoirs in % of capacity



Runoff

October 1 to date in % of average



NORTH COAST REGION

SNOWPACK- First of the month measurements made at 12 snow courses indicate an area wide snow water equivalent of 25.8 inch. This is 140 percent of the February 1 average and 85 percent of the seasonal (April 1) average. Last year at this time the pack was holding 2.8 inch of water.

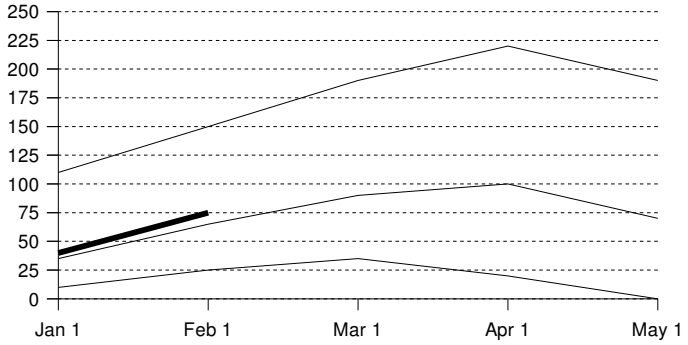
PRECIPITATION - Seasonal precipitation (October 1 through the end of last month) on this area was 120 percent of normal. Precipitation last month was about 145 percent of the monthly average. Seasonal precipitation at this time last year stood at 90 percent of normal.

RESERVOIR STORAGE- First of the month storage in 6 reservoirs was 1.1 million acre-feet which is 50 percent of average. About 35 percent of available capacity was being used. Storage in these reservoirs at this time last year was 55 percent of average.

RUNOFF -Seasonal runoff of streams draining the area totaled 5.8 million acre-feet which is 110 percent of the average for this period. Last year, runoff for the same period was 70 percent of average.

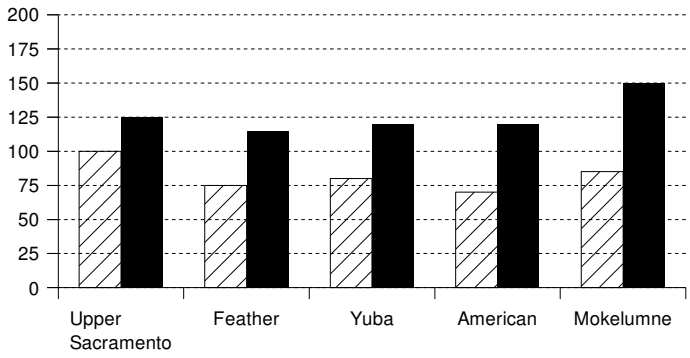
Snowpack Accumulation

Water Content in % of April 1 Average



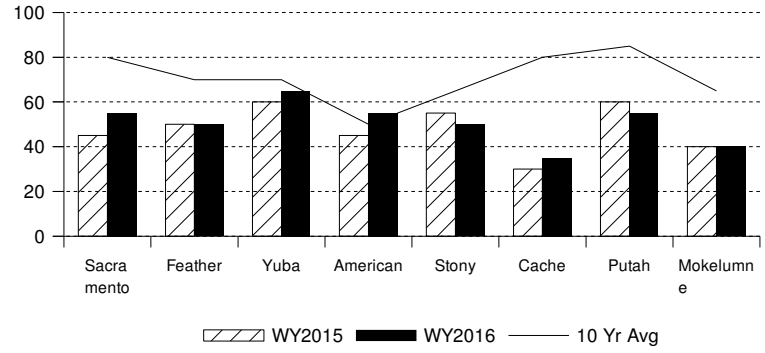
Precipitation

October 1 to date in % of Average



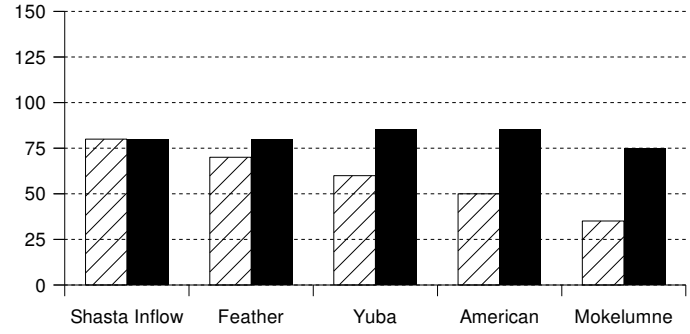
Reservoir Storage

Contents of major reservoirs in % of capacity



Runoff

October 1 to date in % of average



SACRAMENTO RIVER REGION

SNOWPACK- First of the month measurements made at 71 snow courses indicate an area wide snow water equivalent of 22 inches. This is 120 percent of the February 1 average and 75 percent of the seasonal (April 1) average. Last year at this time the pack was holding 4.2 inch of water.

PRECIPITATION - Seasonal precipitation (October 1 through the end of last month) on this area was 115 percent of normal. Precipitation last month was 150 percent of the monthly average. Seasonal precipitation at this time last year stood at 85 percent of normal.

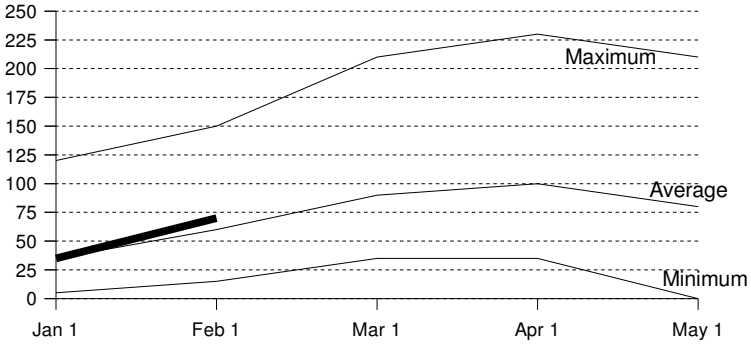
RESERVOIR STORAGE- First of the month storage in 43 reservoirs was 8.6 million acre-feet which is 80 percent of average. About 55 percent of available capacity was being used. Storage in these reservoirs at this time last year was 75 percent of average.

RUNOFF - Seasonal runoff of streams draining the area totaled 4.9 million acre-feet which is 85 percent of average for this period. Last year, runoff for the same period was 75 percent of average.

The **Sacramento Region 40-30-30 Water Supply Index** is forecast to be 6.5 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.

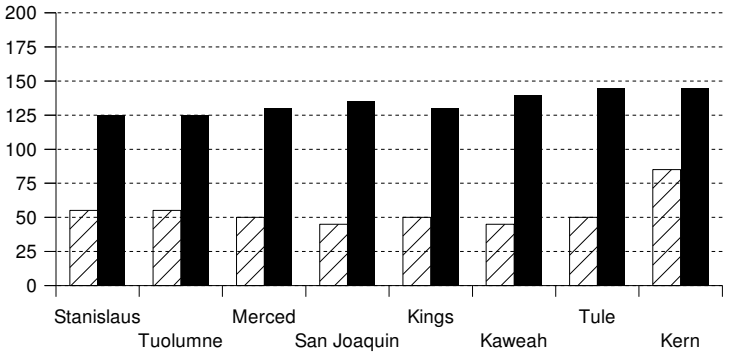
Snowpack Accumulation

Water Content in % of April 1 Average



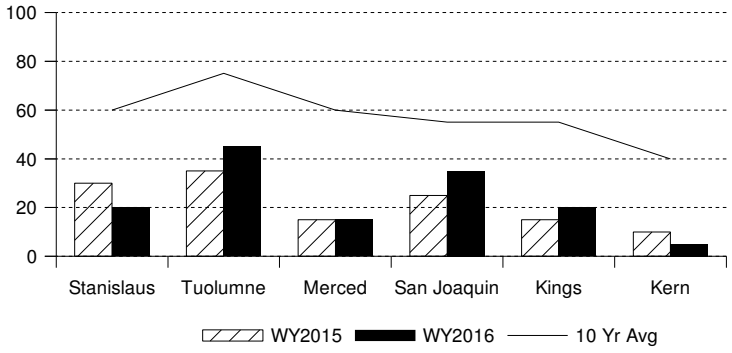
Precipitation

October 1 to date in % of Average



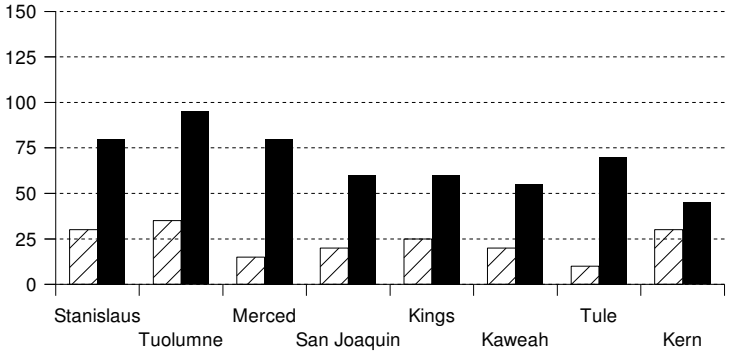
Reservoir Storage

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 66 **San Joaquin River Region** snow courses indicate an area wide snow water equivalent of 23.2 inches. This is 120 percent of the February 1 average and 75 percent of seasonal average. Last year at this time the pack was holding 4.8 inches of water. At the same time 38 **Tulare Lake Region** snow courses indicated a basin-wide snow water equivalent of 14.4 inches which is 100 percent of the average for February 1 and 60 percent of the se asonal average. Last year at this time the basin was holding 3.7 inches of water.

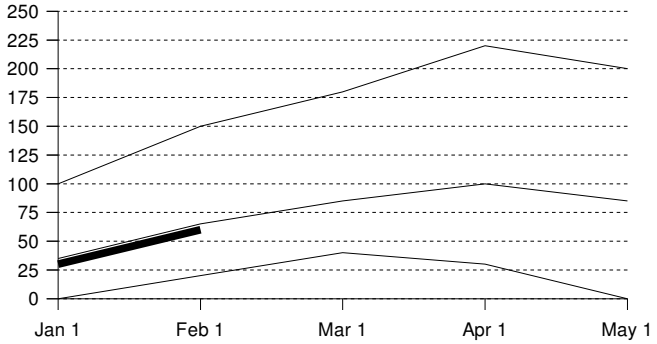
PRECIPITATION - Seasonal precipitation (October 1 through the end of last month) on the **San Joaquin Region** was 135 percent of normal. Precipitation last month was 160 percent of the monthly average. Seasonal precipitation at this time last year stood at 60 percent of normal. Seasonal precipitation on the **Tulare Lake Region** was 140 percent of normal. Precipitation last month was about 150 percent of the monthly average. Seasonal precipitation at this time last year stood at 65 percent of normal.

RESERVOIR STORAGE- First of the month storage in 34 **San Joaquin Region** reservoirs was 3.6 million acre-feet which is 50 percent of average. About 30 percent of available capacity was being used. Storage in these reservoirs at this time last year was 60 percent of average. First of the month storage in 6 **Tulare Lake Region** reservoirs was 352 thousand acre-feet which is 45 percent of average and about 15 percent of available capacity. Storage in these reservoirs at this time last year was 35 percent of average.

RUNOFF- Seasonal runoff of streams draining the **San Joaquin Region** totaled 865 thousand acre-feet which is 80 percent of average for this period. Last year, runoff for the same period was 25 percent of average. Seasonal runoff of streams draining the **Tulare Lake Basin** totaled 225 thousand acre-feet which is 55 percent of average for this period. Last year runoff for this same period was 25 percent of average. The **San Joaquin Region 60-20-20 Water Supply Index** is forecast to be 2.4 assuming 75 percent exceedance meteorological conditions. This classifies the year as "dry" in the San Joaquin Region according to the State Water Resources Control Board.

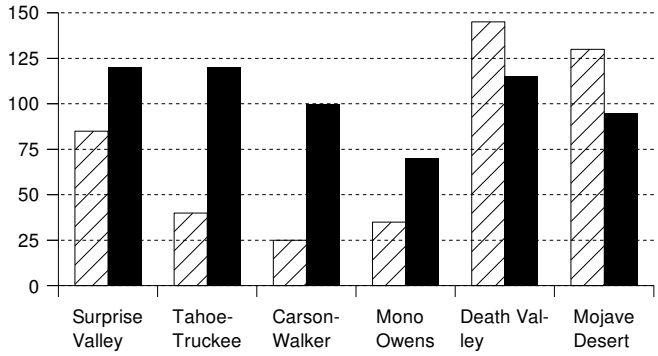
Snowpack Accumulation

Water Content in % of April 1 Average



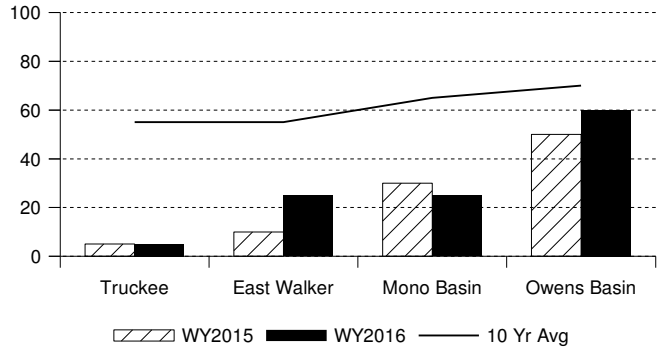
Precipitation

October 1 to date in % of Average



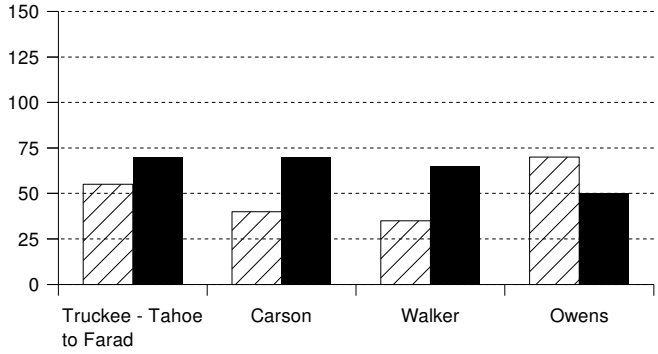
Reservoir Storage

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 15 inches. This is 115 percent of the February 1 average and 70 percent of seasonal (April 1) average. Last year at this time the pack was holding 3.1 inches of water. At the same time 17 **South Lahontan Region** snow courses indicated a basin-wide snow water equivalent of 12.1 inches which is 80 percent of the average for February 1 and 50 percent of the seasonal average. Last year at this time the basin was holding 3.0 inches of water.

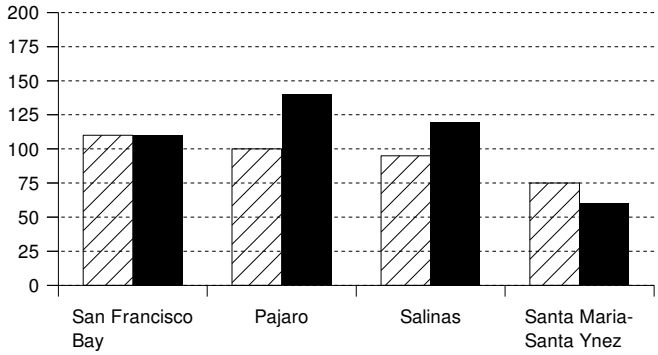
PRECIPITATION - Seasonal precipitation (October 1 through the end of last month) on the **North Lahontan Region** was 115 percent of normal. Precipitation last month was 115 percent of the monthly average. Seasonal precipitation at this time last year stood at 50 percent of normal.
Seasonal precipitation on the **South Lahontan Region** was 95 percent of normal. Precipitation last month was about 100 percent of the monthly average. Seasonal precipitation at this time last year stood at 105 percent of normal.

RESERVOIR STORAGE- First of the month storage in 5 **North Lahontan** reservoirs was 61 thousand acre-feet which is 10 percent of average. About 5 percent of available capacity was being used. Storage in these reservoirs at this time last year was 15 percent of average. Lake Tahoe was 0.9 feet below its natural rim on February 1.
First of the month storage in 8 **South Lahontan** reservoirs was 235 thousand acre-feet which is 90 percent of average and about 55 percent of available capacity. Storage in these reservoirs at this time last year was 85 percent of average.

RUNOFF- Seasonal runoff of streams draining the **North Lahontan Region** totaled 102 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 the Owens River in the **South Lahontan Region** totaled 22 thousand acre-feet which is 50 percent of average for this period. Last year runoff for this same period was 70 percent of average.

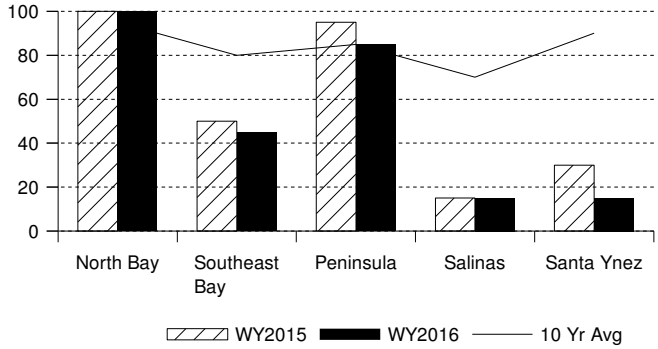
Precipitation

October 1 to date in % of Average



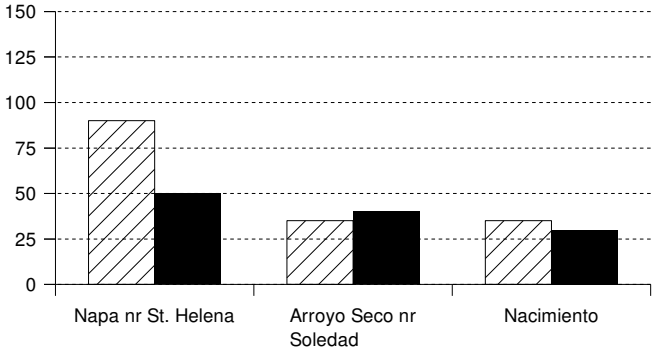
Reservoir Storage

Contents of major reservoirs in % of capacity



Runoff

October 1 to date in % of average



SAN FRANCISCO BAY AND CENTRAL COAST REGIONS

PRECIPITATION - Seasonal precipitation (October 1 through the end of last month) on the **San Francisco Bay Region** was 110 percent of normal. Precipitation last month was about 155 percent of the monthly average. Seasonal precipitation at this time last year stood at 110 percent of normal.
Seasonal precipitation on the **Central Coast Region** was 105 percent of normal. Precipitation last month was about 155 percent of the monthly average. Seasonal precipitation at this time last year stood at 90 percent of normal.

RESERVOIR STORAGE- First of the month storage in 17 **San Francisco Bay Region** reservoirs was 463 thousand acre-feet which is 100 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.
First of the month storage in 6 **Central Coast Region** reservoirs was 140 thousand acre-feet which is 25 percent of average and about 15 percent of available capacity. Storage in these reservoirs at this time last year was 30 percent of average.

RUNOFF- Seasonal runoff of the Napa River in the **San Francisco Bay Region** totaled 18 thousand acre-feet which is 50 percent of average for this period. Last year, runoff for the same period was 90 percent of average.
Seasonal runoff of streams draining the **Central Coast Region** totaled 40 thousand acre-feet which is 30 percent of average for this period. Last year runoff for this same period was less than 35 percent of average.

SOUTH COAST REGION

PRECIPITATION - October through January (seasonal) precipitation on the **South Coast Region** was 75 percent of normal. January precipitation was 115 percent of the monthly average. Seasonal precipitation at this time last year was 80 percent of normal. Seasonal precipitation on the **Colorado River-Desert Region** was 95 percent of normal. Last year seasonal precipitation on the **Colorado River-Desert Region** was 60 percent of normal. Precipitation in January was 170 percent of average.

RESERVOIR STORAGE - February 1 storage in 29 major **South Coast Region** reservoirs was 1 million acre-feet or 75 percent of average. About 50 percent of available capacity was being used. Storage in these reservoirs at this time last year was 65 percent of average. On February 1 combined storage in Lakes Powell, Mead, Mohave and Havasu was about 23.9 million acre-feet or about 60 percent of average. About 45 percent of available capacity was in use. Last year at this time, these reservoirs were storing 60 percent of average.

RUNOFF - Seasonal runoff from selected **South Coast Region** streams is 4.8 thousand acre feet which is 30 percent of average.

COLORADO RIVER

The April -July inflow to Lake Powell is forecast to be 6.7 million acre-feet, which is 94 percent of average. The February 1 snowpack in the Colorado River basin above Lake Powell was 110 percent of average, lowest in the Duchesne at 90 percent and highest in the Colorado Plateau at 160 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	STORAGE AT END OF January 2015 1,000 AF	2016 1,000 AF	PERCENT AVERAGE	PERCENT CAPACITY
STATE WATER PROJECT						
Lake Oroville	3,538	2,317	1,444	1,534	66%	43%
San Luis Reservoir (SWP)	1,062	858	756	504	59%	47%
Lake Del Valle	77	31	35	31	98%	40%
Lake Silverwood	78	66	71	66	101%	85%
Pyramid Lake	180	163	168	169	104%	94%
Castaic Lake	325	270	114	111	41%	34%
Perris Lake	131	107	47	47	44%	36%
CENTRAL VALLEY PROJECT						
Trinity Lake	2,448	1,730	874	695	40%	28%
Lake Shasta	4,552	3,072	2,001	2,346	76%	52%
Whiskeytown Lake	241	205	205	210	102%	87%
Folsom Lake	977	508	448	529	104%	54%
New Melones Reservoir	2,400	1,423	563	393	28%	16%
Millerton Lake	520	333	186	208	62%	40%
San Luis Reservoir (CVP)	971	743	347	189	25%	19%
COLORADO RIVER PROJECT						
Lake Mead	26,159	19,607	10,729	10,318	53%	39%
Lake Powell	24,322	17,588	11,147	11,427	65%	47%
Lake Mohave	1,810	1,677	1,698	1,651	98%	91%
Lake Havasu	648	550	584	554	101%	85%
EAST BAY MUNICIPAL UTILITY DISTRICT						
Pardee Res	210	178	166	163	91%	78%
Camanche Reservoir	417	248	132	90	36%	22%
East Bay (4 res.)	159	125	111	122	98%	77%
CITY AND COUNTY OF SAN FRANCISCO						
Hetch-Hetchy Reservoir	360	172	233	281	163%	78%
Cherry Lake	268	144	168	94	66%	35%
Lake Eleanor	29	10	10	4	38%	13%
South Bay/Peninsula (4 res.)	238	159	134	152	95%	64%
CITY OF LOS ANGELES (D.W.P.)						
Lake Crowley	183	123	91	115	93%	62%
Grant Lake	48	28	17	11	39%	23%
Other Aqueduct Storage (6 res.)	83	75	59	59	79%	71%

TELEMETERED SNOW WATER EQUIVALENTS

February 1, 2016

(AVERAGES BASED ON PERIOD RECORD)

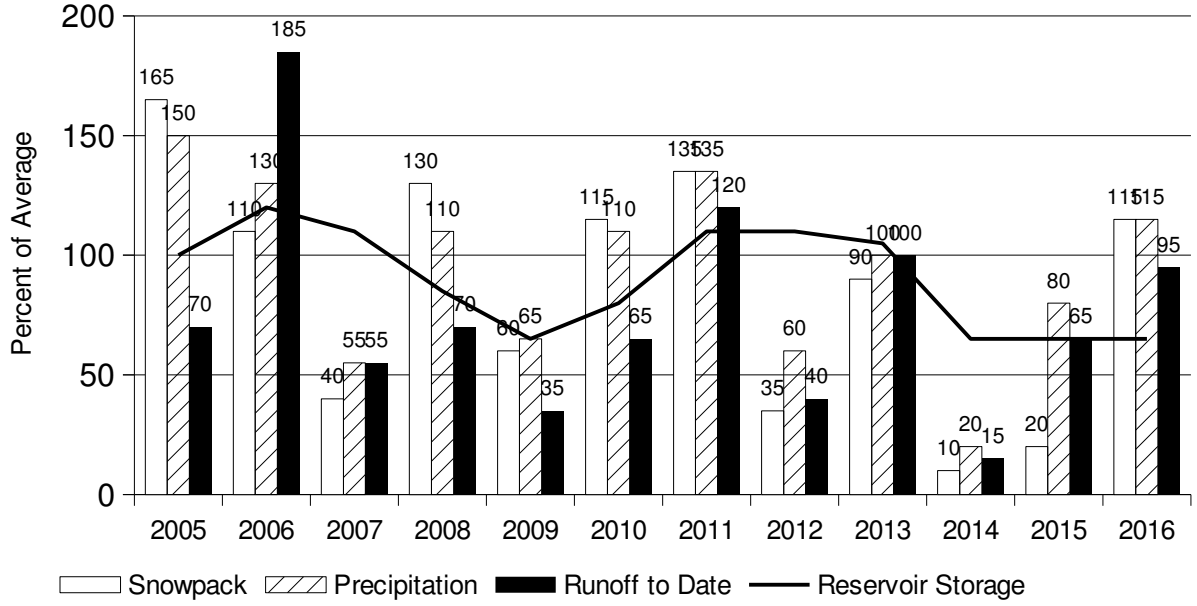
BASIN NAME / STATION NAME	ELEV	APRIL 1 AVERAGE	INCHES OF WATER EQUIVALENT Feb 1	PERCENT OF AVERAGE	24 HRS PREVIOUS	1 WEEK PREVIOUS
TRINITY RIVER						
Peterson Flat	7150’	29.2	23.4	80.1	23.4	22.0
Red Rock Mountain	6700’	39.6	31.1	78.5	31.7	32.4
Bonanza King	6450’	40.5	31.7	78.2	31.7	30.1
Shimmy Lake	6400’	40.3	31.6	78.4	31.6	28.5
Middle Boulder 3	6200’	28.3	25.7	90.8	25.6	25.5
Highland Lakes	6030’	29.9	31.9	106.8	32.2	31.6
Scott Mountain	5900’	16.0	—	—	—	—
Mumbo Basin	5650’	22.4	—	—	—	—
Big Flat	5100’	15.8	17.4	110.1	17.3	16.9
Crowder Flat	5100’	—	5.1	—	5.1	5.1
SACRAMENTO RIVER						
Cedar Pass	7100’	18.1	19.1	105.5	19.2	16.9
Blacks Mountain	7050’	12.7	12.5	98.3	12.2	11.5
Sand Flat	6750’	42.4	30.5	71.9	30.4	28.3
Medicine Lake	6700’	32.6	23.3	71.4	23.3	21.8
Adin Mountain	6200’	13.6	16.7	122.8	17.0	15.3
Snow Mountain	5950’	27.0	24.6	91.1	24.6	23.6
Slate Creek	5700’	29.0	23.0	79.4	22.8	22.0
Stouts Meadow	5400’	36.0	22.0	61.0	22.1	21.7
FEATHER RIVER						
Lower Lassen Peak	8250’	—	57.5	—	56.9	50.9
Kettle Rock	7300’	25.5	18.7	73.4	18.6	18.7
Grizzly Ridge	6900’	29.7	19.1	64.2	18.7	18.2
Pilot Peak	6800’	52.6	33.8	64.2	33.5	33.7
Gold Lake	6750’	36.5	27.0	74.0	26.5	26.2
Humbug	6500’	28.0	22.0	78.4	21.7	23.0
Harkness Flat	6200’	28.5	22.8	80.1	23.3	23.4
Rattlesnake	6100’	14.0	14.4	102.9	14.4	14.8
Bucks Lake	5750’	44.7	31.5	70.4	31.2	31.3
Four Trees	5150’	20.0	15.5	77.4	15.6	16.9
EEL RIVER						
Hull Mountain	6461’	—	15.0	—	15.8	18.1
Noel Spring	5100’	—	0.0	—	0.0	2.7
YUBA & AMERICAN RIVERS						
Schneiders	8750’	34.5	35.6	103.1	34.8	31.3
Lake Lois	8600’	39.5	—	—	—	—
Carson Pass	8353’	—	23.3	—	22.8	21.3
Caples Lake	8000’	30.9	25.4	82.3	24.1	25.0
Alpha	7600’	35.9	30.5	84.8	30.1	29.5
Forni Ridge	7600’	37.0	33.0	89.2	32.0	28.9
Meadow Lake	7200’	55.5	—	—	—	—
Silver Lake	7100’	22.7	21.7	95.7	21.2	20.2
Central Sierra Snow Lab	6900’	33.6	26.8	79.8	26.3	26.9
Van Vleck	6700’	35.9	28.2	78.5	26.9	27.1
Huysink	6600’	42.6	24.7	58.0	24.6	23.6
Robinson Cow Camp	6480’	—	34.5	—	31.5	33.5
Robbs Saddle	5900’	21.4	14.3	66.9	13.8	14.3
Greek Store	5600’	21.0	16.0	76.0	15.8	—
Blue Canyon	5280’	9.0	8.7	96.4	8.5	9.0
Robbs Powerhouse	5150’	5.2	7.1	135.8	6.8	7.5
MOKELUMNE & STANISLAUS RIVERS						
Deadman Creek	9250’	37.2	21.7	58.3	21.1	19.2
Highland Meadow	8700’	47.9	32.4	67.7	31.7	30.0
Gianelli Meadow	8400’	55.5	30.6	55.1	29.8	28.3
Lower Relief Valley	8100’	41.2	—	—	—	—
Blue Lakes	8000’	33.1	25.9	78.2	25.4	24.1
Stanislaus Meadow	7750’	47.5	32.9	69.2	33.0	29.6
Bloods Creek	7200’	35.5	24.9	70.1	24.8	24.2
Black Springs	6500’	32.0	22.2	69.4	21.8	21.7
TUOLUMNE & MERCED RIVERS						
Dana Meadows	9800’	27.7	19.9	71.8	19.3	17.0
Slide Canyon	9200’	41.1	25.3	61.6	24.9	22.4
Tuolumne Meadows	8600’	22.6	—	—	—	—
Horse Meadow	8400’	48.6	35.9	73.9	34.9	32.5
Ostrander Lake	8200’	34.8	24.9	71.7	24.0	22.3
Lake Tenaya	8150’	33.1	—	—	—	—
White Wolf	7900’	—	—	—	—	—
Paradise Meadow	7650’	41.3	—	—	—	—
Gin Flat	7050’	34.2	20.9	61.1	19.8	19.9
Lower Kibbie Ridge	6700’	27.4	14.3	52.4	13.7	13.7

SAN JOAQUIN RIVER						
Volcanic Knob	10050’	30.1	21.4	71.1	19.7	17.3
Agnew Pass	9450’	32.3	15.8	48.9	14.7	12.8
Kaiser Point	9200’	37.8	19.6	51.7	17.9	16.0
Green Mountain	7900’	30.8	19.8	64.3	18.4	17.5
Devil’s Postpile	7569’	—	—	—	—	—
Tamarack Summit	7550’	30.5	20.9	68.5	18.5	17.4
Chilkoot Meadow	7150’	38.0	25.0	65.7	23.2	22.3
Huntington Lake	7000’	20.1	16.7	83.0	14.5	14.9
Graveyard Meadow	6900’	18.8	17.2	91.3	16.2	15.7
Poison Ridge	6900’	28.9	17.6	61.0	16.0	16.0
KINGS RIVER						
Bishop Pass	11200’	34.0	9.8	28.8	8.9	7.3
Charlotte Lake	10400’	27.5	—	—	—	—
State Lakes	10300’	29.0	18.0	62.2	16.4	14.2
Blackcap Basin	10300’	34.3	—	—	—	—
Mitchell Meadow	9900’	32.9	24.7	75.0	22.2	20.4
Upper Burnt Corral	9700’	34.6	22.7	65.5	21.0	18.8
West Woodchuck Meadow	9100’	32.8	21.0	64.1	19.0	17.1
Big Meadows	7600’	25.9	13.9	53.7	12.0	12.1
KAWEAH & TULE RIVERS						
Farewell Gap	9500’	34.5	—	—	—	—
Quaking Aspen	7200’	21.0	17.3	82.3	14.8	13.7
Giant Forest	6650’	10.0	—	—	—	—
KERN RIVER						
Upper Tyndall Creek	11400’	27.7	10.9	39.4	9.6	7.7
Crabtree Meadow	10700’	19.8	9.7	49.1	8.4	7.2
Chagoopa Plateau	10300’	21.8	17.0	78.0	15.7	13.1
Pascoes	9150’	24.9	26.1	104.8	24.1	22.4
Wet Meadows	8950’	30.3	22.5	74.3	20.2	—
Tunnel Guard Station	8900’	15.6	10.6	67.9	8.3	6.4
Casa Vieja Meadows	8300’	20.9	14.2	67.9	12.9	11.2
Beach Meadows	7650’	11.0	—	—	—	—
SURPRISE VALLEY AREA						
Dismal Swamp	7050’	29.2	27.0	92.5	26.9	23.5
TRUCKEE RIVER						
Big Meadows	8700’	25.7	18.8	73.2	18.0	15.9
Independence Lake	8450’	41.4	28.3	68.4	27.8	26.0
Squaw Valley	8200’	46.5	29.9	64.3	30.0	25.1
Independence Camp	7000’	21.8	9.3	42.7	8.8	8.5
Independence Creek	6500’	12.7	8.0	63.0	7.6	7.9
Truckee 2	6400’	14.3	12.5	87.4	12.1	12.3
LAKE TAHOE BASIN						
Mount Rose Ski Area	8900’	38.5	28.7	74.5	28.0	24.6
Heavenly Valley	8800’	28.1	24.0	85.4	23.4	—
Hagans Meadow	8000’	16.5	17.9	108.5	17.8	16.5
Marlette Lake	8000’	21.1	18.2	86.3	17.6	16.1
Echo Peak 5	7800’	39.5	37.7	95.4	37.3	34.2
Rubicon Peak 2	7500’	29.1	18.2	62.5	17.3	16.3
Tahoe City Cross	6750’	16.0	11.6	72.5	11.4	11.3
Ward Creek 3	6750’	39.4	27.3	69.3	26.7	26.6
Fallen Leaf Lake	6250’	7.0	4.2	60.0	3.8	4.7
CARSON RIVER						
Ebbetts Pass	8700’	38.8	25.7	66.2	24.8	22.7
Poison Flat	7900’	16.2	14.4	88.9	13.6	12.8
Spratt Creek	6150’	4.5	4.3	95.6	3.4	4.8
WALKER RIVER						
Leavitt Lake	9600’	—	37.6	—	37.4	34.4
Summit Meadow	9313’	—	16.7	—	15.7	14.6
Virginia Lakes	9300’	20.3	11.2	55.2	10.7	9.4
Lobdell Lake	9200’	17.3	14.5	83.8	13.8	12.6
Sonora Pass Bridge	8750’	26.0	16.5	63.5	16.0	14.8
Leavitt Meadows	7200’	8.0	8.4	105.0	8.0	8.8
OWENS RIVER/MONO LAKE						
Gem Pass	10750’	31.7	11.3	35.7	10.8	9.9
Sawmill	10200’	19.4	9.1	47.0	7.2	6.5
Cottonwood Lakes	10150’	11.6	12.9	111.3	10.3	7.6
Big Pine Creek	9800’	17.9	7.1	39.6	5.7	4.8
Rock Creek Lakes	9700’	14.0	17.7	126.3	15.9	13.2
South Lake	9600’	16.0	9.1	56.7	7.9	6.4
Mammoth Pass	9300’	42.4	24.4	57.5	22.8	20.3

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

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

February 1 Statewide Conditions



SNOWLINES

Registration is now open for the **84th annual Western Snow Conference** to be held in Seattle, Washington, April 18-21, 2016. We expect to have a full agenda of informative and interesting presentations related to snow hydrology, meteorological measurement techniques, and water resource management.

Meeting Information:

http://www.westernsnowconference.org/meetings/2016

Online Registration:

https://www.regonline.com/Register/Checkin.aspx?EventID=1787590

The Conference will begin Monday, April 18th with a short course and panel discussion on "Validation of the Rain/Snow Global Precipitation Measurements (GPM) Satellite Data in the Olympic Mountains". Tuesday and Wednesday will include formal paper and poster presentations on a variety of topics, including climate variability, climate change impacts on snow and runoff, water management, water supply forecasting, and modeling and climatology of snow. Thursday will include a technical tour of the nearby Skagit Valley.

Depicted on this month's cover is a photo of the newest NASA/JPL Airborne Snow Observatory Plane. Currently operational in the Southern Sierra Neveda it provides the very first basin wide estimates of snow depth and albido and using snow densities from ground based observations the most comprehensive picture of total basin snow water equivalent.