Berkeley, CA rainfall July 1,2015 to January 27, 2016

January 27, 2016 UC Berkeley weather update

2015-16 Rain Year Berkeley and Richmond									
Date	Berkeley	Berkeley YTD	30day month	7 day total	LBNL YTD	Richmond	Richmond YTD	30 day month	7 day week
7/1-10/31/15	0.05	0.05				0.15	0.15		
11/1/2015	0.56	0.61				0.63	0.78		
11/9/2015	0.46	1.07				0.56	1.34		
11/15/2015	0.26	1.33				0.45	1.79		
11/24-25/15	0.09	1.42				0.19	1.98		
12/2/2015	0.36	1.78				0.45	2.43		
12/6-7/2015	0.04	1.82				0.09	2.52		
12/10-11/2015	0.39	2.21				0.88	3.4		
12/13/2015	0.79	3				1	4.4		
12/18-21/15 to noon	1.96	4.96				2.13	6.53		
12/21 noon-22/15 am	0.62	5.58				0.5	7.03		
12/22/2015	0.09	5.67				0.02	7.05		
12/23-24/15	0.12	5.79				0.29	7.36		
12/28/2015	0.05	5.84				0.02	7.38		
12/30/2015	0.01	5.85	4.07		7.2	0.03	7.41	4.98	
1/4/2016	0.13	5.98				0.1	7.51		
1/5/2016	1	6.98				1.41	8.82		
1/6-7/2016	1.45	8.43	6.61			2.1	10.92	8.48	
1/9/2016	0.06	8.49				0.12	11.04		
1/13/2016	0.47	8.96	6.75			0.69	11.81	8.41	
1/14/2016	0.16	9.12	6.12	2.14		0.42	12.23	7.83	
1/15/2016	0.2	9.32	6.32	0.89		0.23	12.46	8.06	
1/16/2016	0.26	9.58	6.58	1.15		0.31	12.77	5.74	
1/17/2016	1.1	10.68	7.68	2.19		1.15	13.92	9.52	
1/18/2016	0.44	11.12	8.12	2.63		0.57	14.49	10.09	
1/19/2016	1.19	12.31	7.35	3.35		1.34	15.83	9.3	4.02
1/22/2016	0.45	12.76	7.18	3.64		0.43	16.26	9.23	4.03
1/23/2016	0.02	12.78	7.11	3.46		0.09	16.35	9.3	3.89
1/27/2016	0	12.78	6.99	0.47		0	16.35	9.01	0.52
QPF to 1/30/16	0.45	13.23	7.39	0.47		0.42	16.77	9.41	0.51

* QPF = NWS Quantitative Precipitation Forecast through Saturday noon

Contra Costa County Flood Control & Water Conservation District

Flood Forecasting

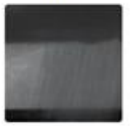
CONDITIONS TO LOOK FOR

1. Compare the rainfall for the year and 24-hour forecast with the following criteria.
   a. 7" of rain for the season starting on July 1 (year).
   b. 5" of rain in the last 30 days (month).
   c. 3" of rain in the last 7 days (week).
   d. 2" of rainfall is forecast in the next 24 hours (day).
2. If these conditions are met, flooding may occur sometime in the next 24 hours. Warnings on TV and radio should be monitored. Your Personal Evacuation Plan should be implemented if you sense flooding may occur. For information on an evacuation plan, check out the American Red Cross website.

Current critical antecedent conditions status for UC Berkeley and BGC: Both Berkeley campus and BGC **are not fully primed** for flooding- seven day total is < 3" and no significant storm (2" in the next 24 hours is forecast by NWS).

Current forecast January 27, 2016 noon

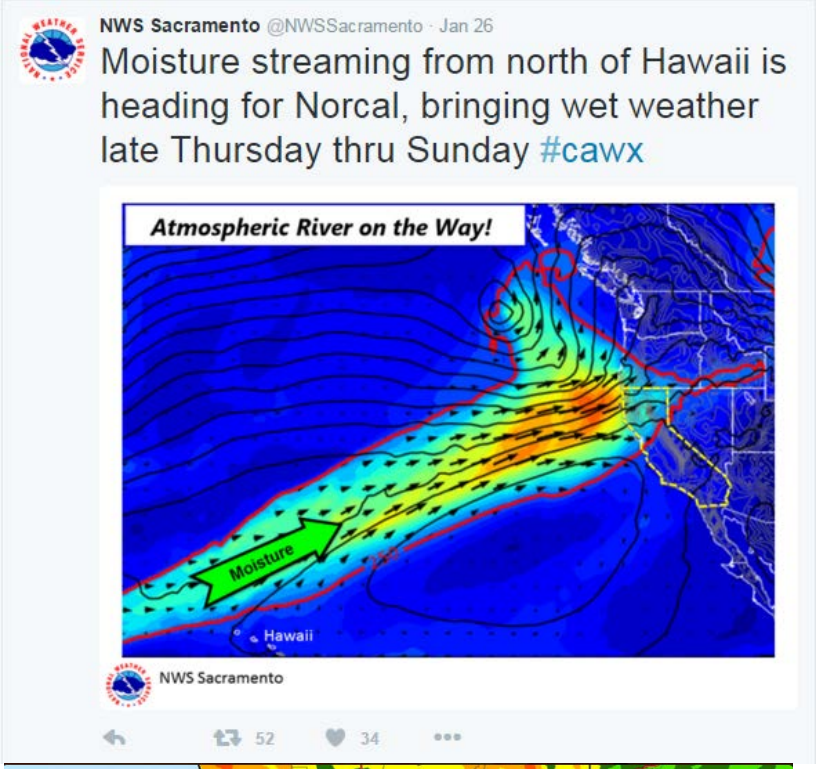
Extended Forecast for
2 Miles ENE Berkeley CA

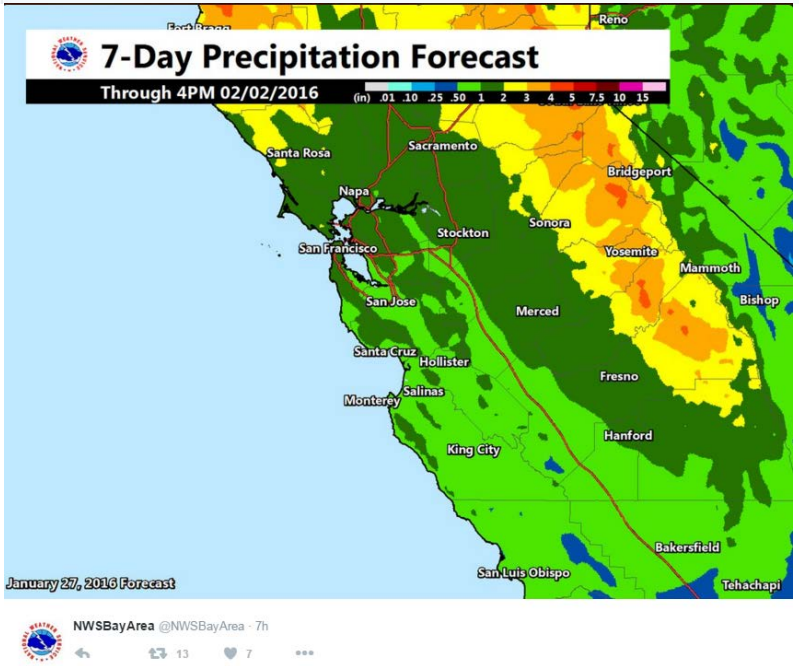
This Afternoon	Tonight	Thursday	Thursday Night	Friday	Friday Night	Saturday	Saturday Night	Sunday
			 30%	 60%	 60%	 30%		
Mostly Sunny	Partly Cloudy	Partly Sunny	Chance Rain	Rain Likely	Showers Likely	Chance Showers	Chance Showers	Chance Showers
High: 62 °F	Low: 47 °F	High: 61 °F	Low: 53 °F	High: 61 °F	Low: 50 °F	High: 57 °F	Low: 46 °F	High: 53 °F

Forecast For Lat/Lon: 37.8650/-122.2610 (Elev. 190 ft)
Albany CA
Forecast Created at: 1pm PST Jan 27, 2016
Custom Weather Forecast Table

	Wed Jan 27				Thu Jan 28				Fri Jan 29				Sat Jan 30				Sun Jan 31				Mon Feb 01			
Weather								Chance Rain	Chance Rain	Likely Rain	Likely Rain Showers		Chance Rain Showers				Slight Chance Rain Showers						Slight Chance Rain Showers	
Daily-Temp	High 62 Low 46				High 61 Low 47				High 61 Low 53				High 57 Low 50				High 53 Low 46				High 55 Low 43			
Chance of Precip	0%	0%	0%	0%	5%	5%	10%	25%	50%	60%	55%	45%	25%	25%	30%	30%	35%	35%	20%	20%	10%	10%	20%	20%
Precip	0.00"	0.00"	0.00"	0.00"	0.00"	0.00"	0.00"	0.01"	0.15"	0.13"	0.04"	0.02"	0.01"	0.03"	0.06"									

Probability of precipitation = 60% Friday.
Total rainfall through Saturday = 0.46 inches





NWSBayArea @NWSBayArea · 7h

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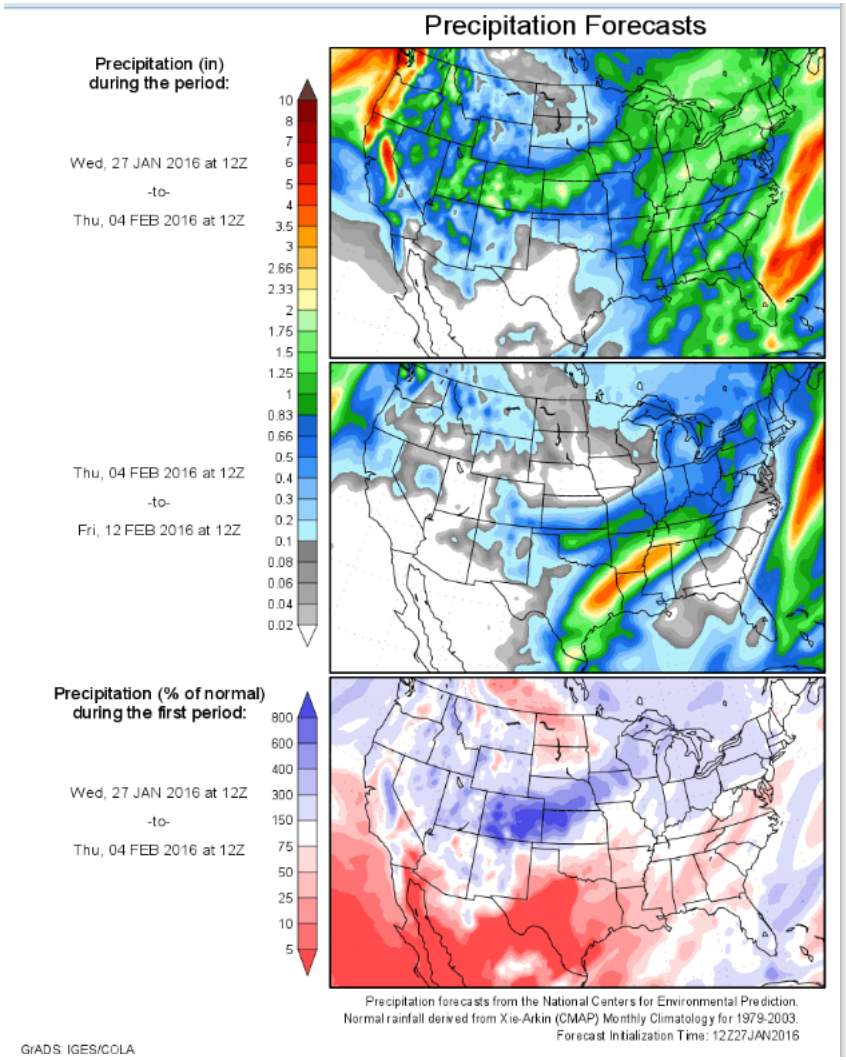
Forecast synopsis (Wednesday 1/27/16)
A storm will bring rain to the Bay Area Friday and Saturday. For the Sierra a Winter Weather Advisory has been issued by the Sacramento NWS office with travel impacts for the entire weekend and snow levels rising to 8,000 feet then dropping to 4-5,000 feet.
(http://forecast.weather.gov/wwamap/wwatxtget.php?cwa=mtr&wwa=special%20weather%20statement)

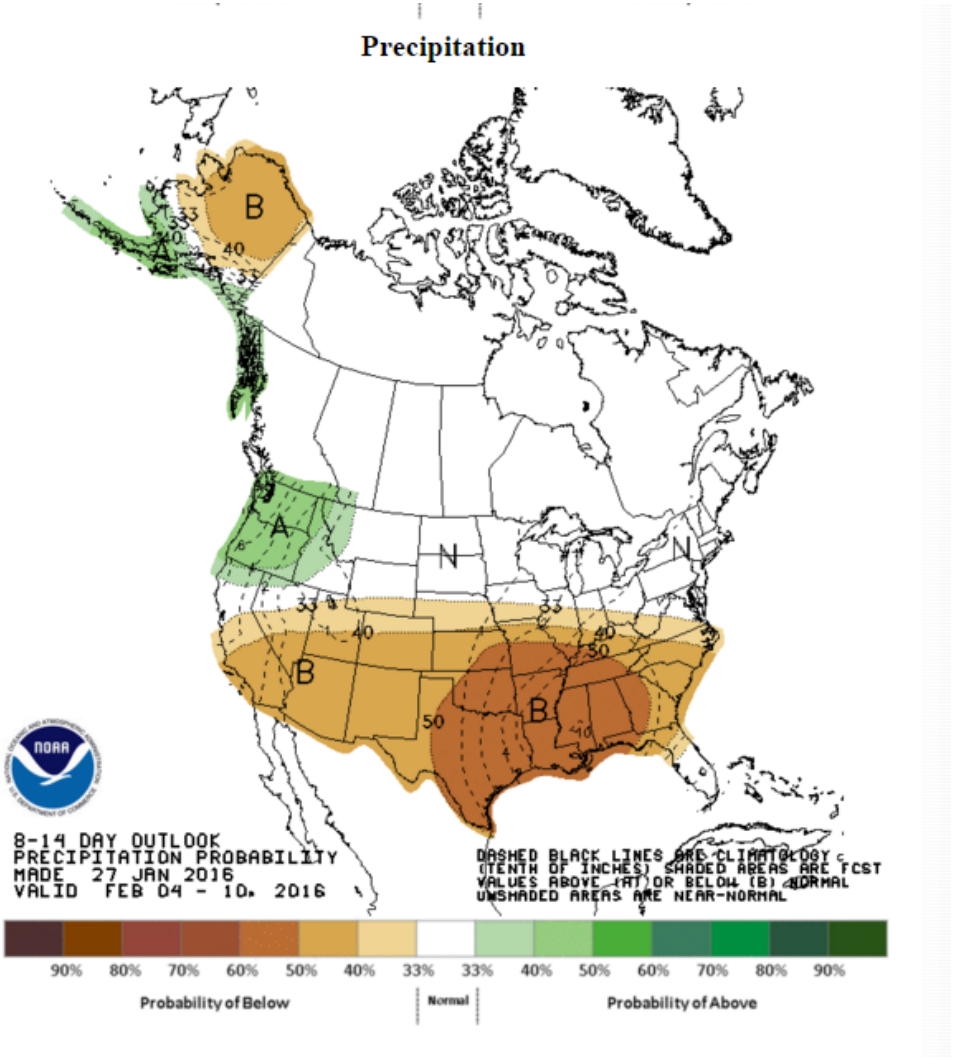
Gusty northwest winds on Sunday and Monday may lead to a wind advisory being issued by NWS.

Weather continues to be unsettled through the week with the possibility of light precipitation and a cumulative 7 day precipitation forecast of up to 2 inches for Berkeley.

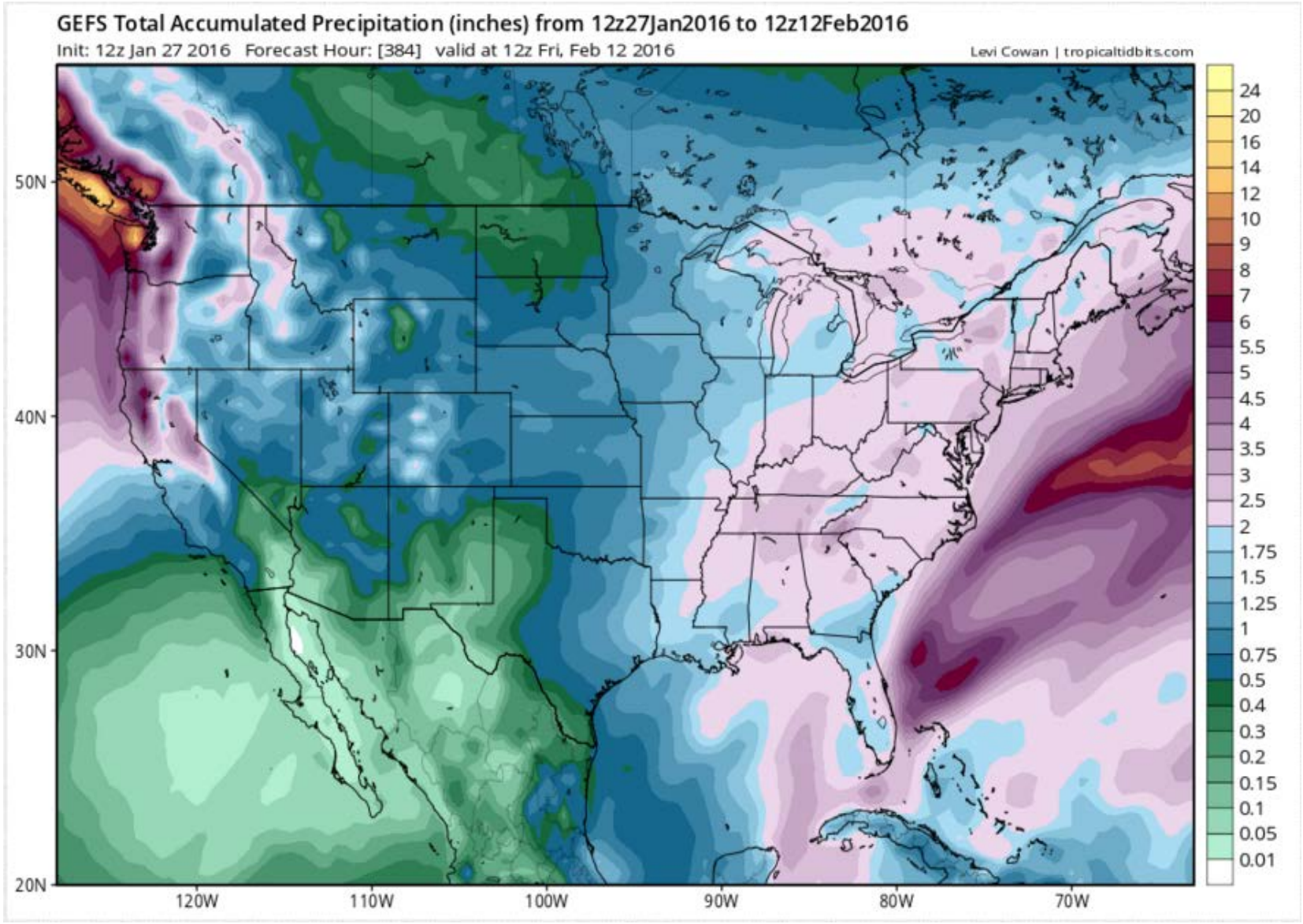
Long range forecasts (see following slides) show drier than normal conditions through early February with most of the rain continuing to be focused on the North Coast and Pacific Northwest



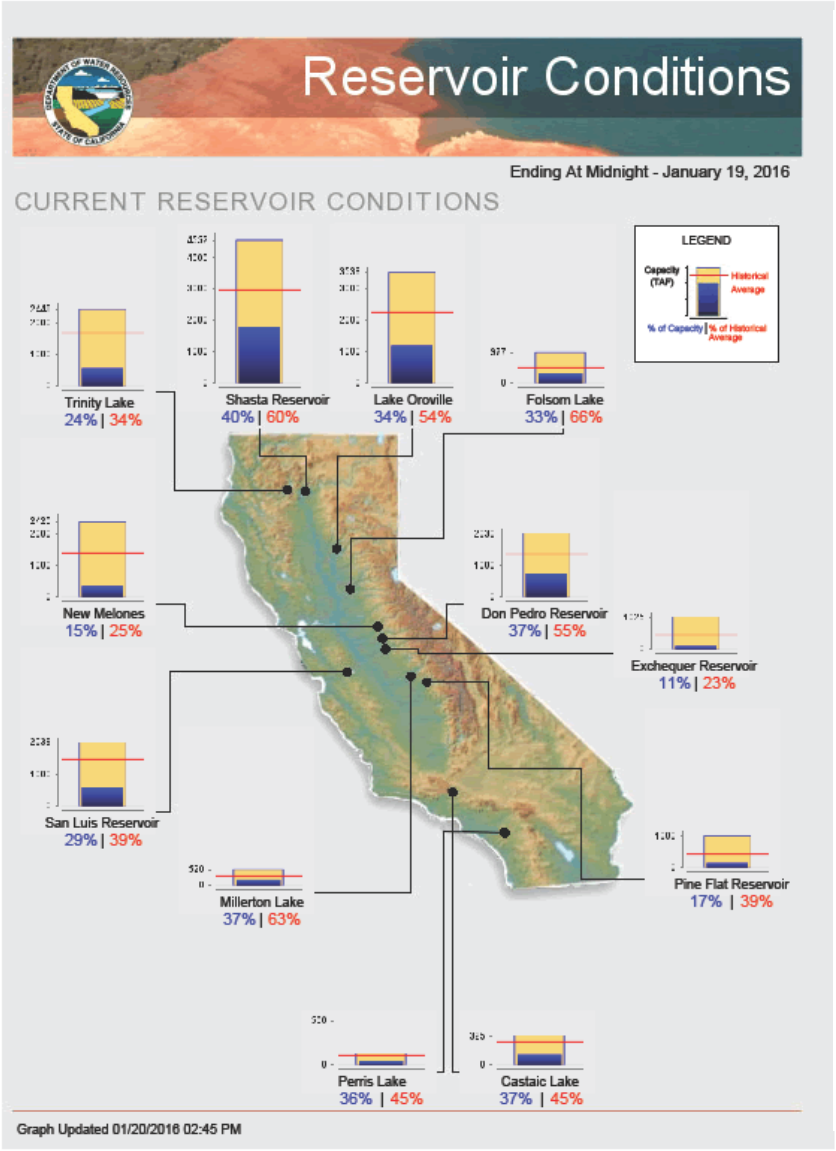
NCEP 6 – 10 day precipitation forecast

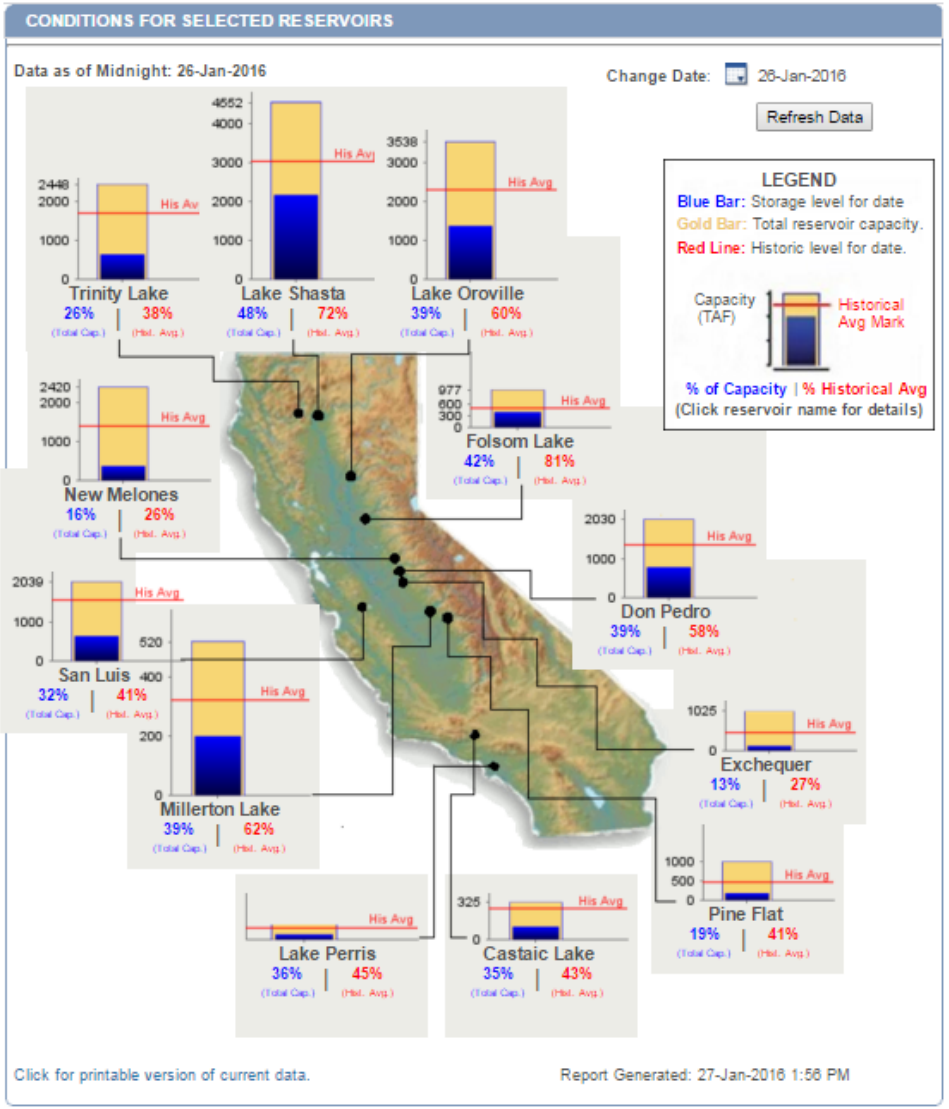


NCEP 8 – 14 day precipitation probability



NOAA GEFS Total Cumulative Precipitation January 27, 2016 through February 12, 2016





DWR Reservoir Conditions- January 20 and January 27, 2016

Historical Timing of Precipitation During Strong El Niño Years

Shown below are national-scale composites of monthly precipitation during historical strong El Niño winter seasons, expressed as anomalies from long-term averages. Strong El Niño conditions may provide some guidance for preparing seasonal precipitation outlooks in parts of the U.S. at certain times of the year, but El Niño is not the only factor influencing the climate system. Each winter season is unique, and past performance should not be taken as a guarantee of future outcomes.

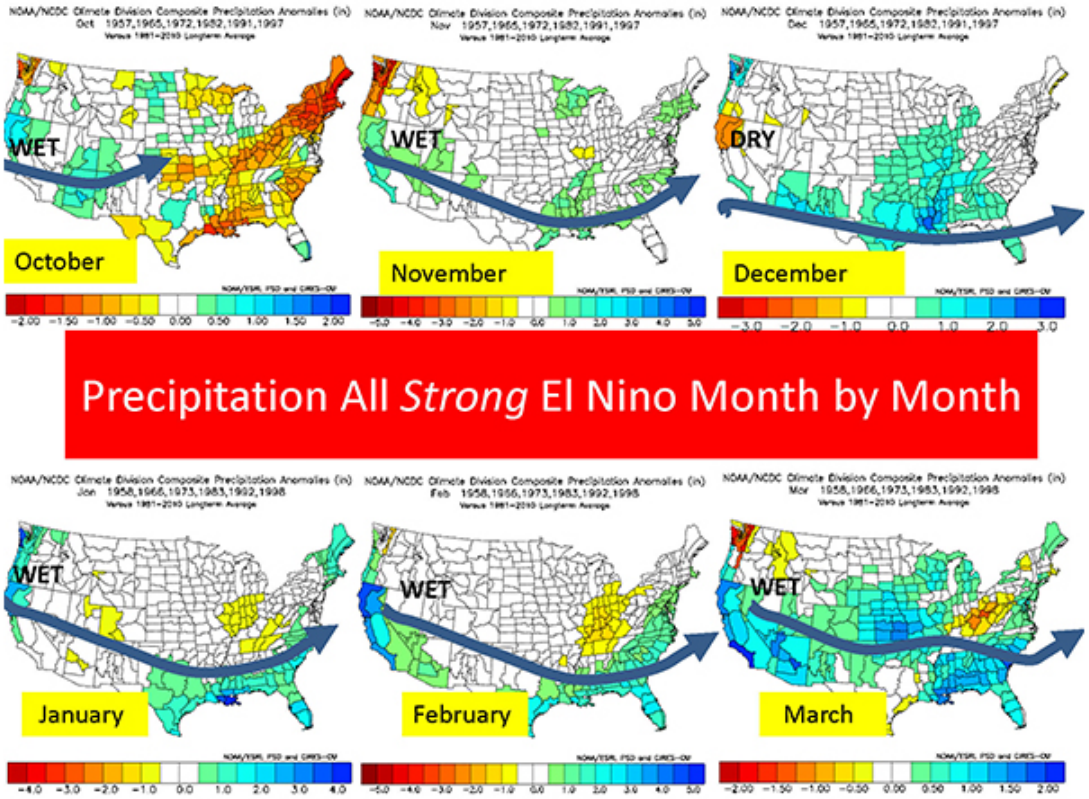
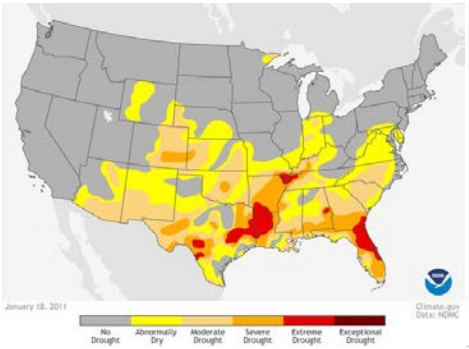
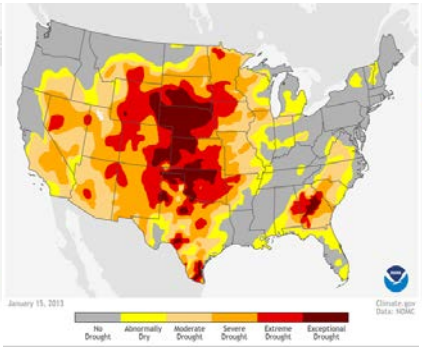


Figure courtesy of National Weather Service's San Diego Weather Forecast Office. Download a PDF version of the graphic.

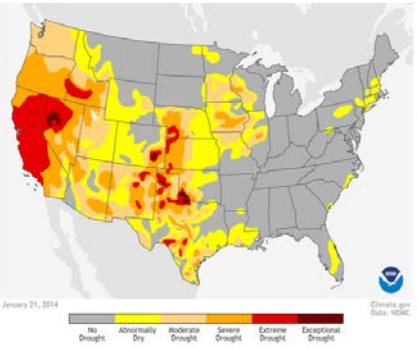
http://www.water.ca.gov/waterconditions/waterconditions.cfm



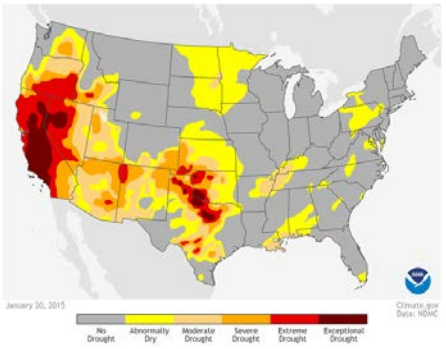
January 17, 2012



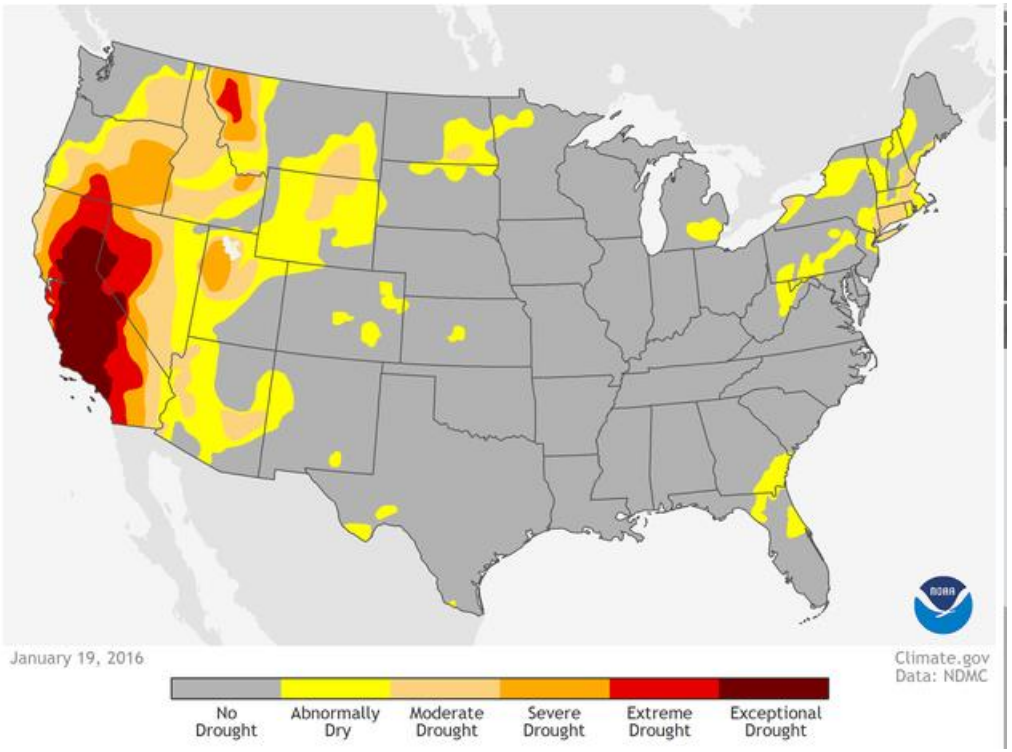
January `5, 2013



January 21, 2014



January 20, 2015



January 19, 2016