

Drought Update

Napa County Flood Control and Water Conservation
District

WICC Meeting

January 22, 2015

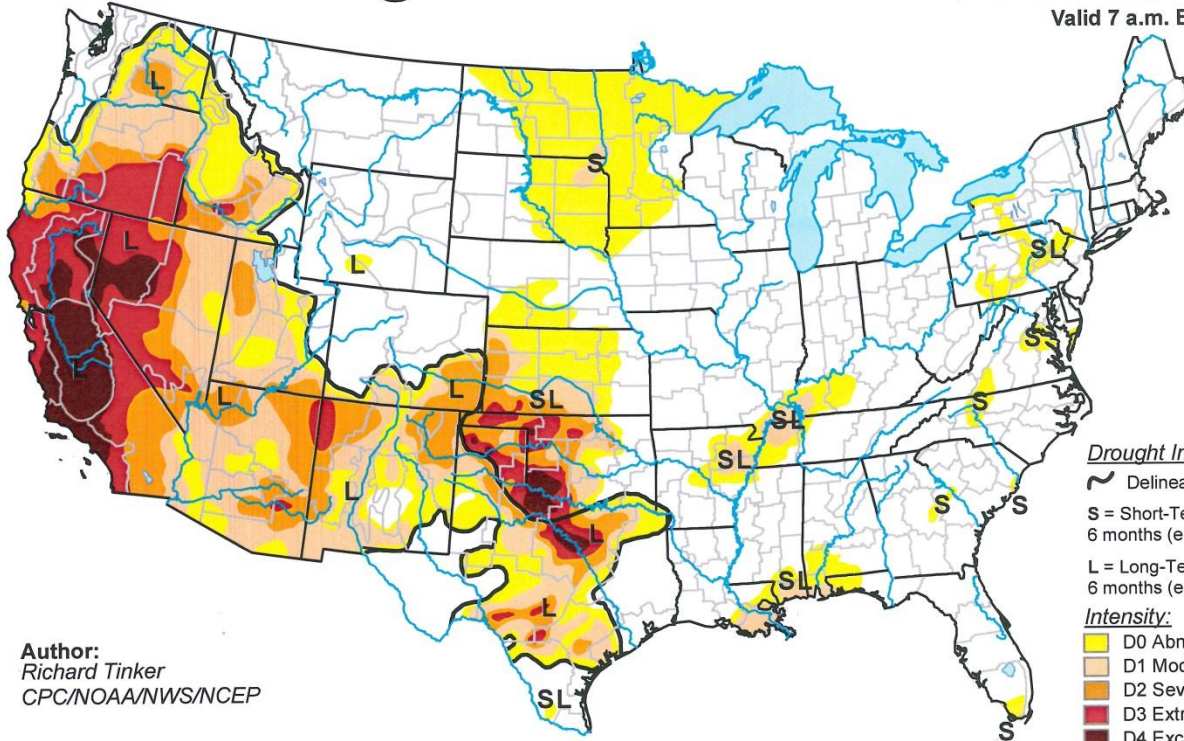
Drought Topics

- How are we doing so far?
- How does the future look?

Current Drought Map

U.S. Drought Monitor

January 13, 2015
 (Released Thursday, Jan. 15, 2015)
 Valid 7 a.m. EST



Author:
 Richard Tinker
 CPC/NOAA/NWS/NCEP

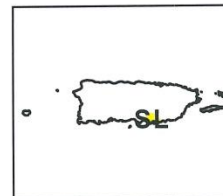
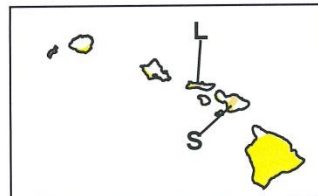
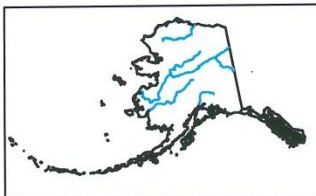
Drought Impact Types:

- ~ Delineates dominant impacts
- S = Short-Term, typically less than 6 months (e.g. agriculture, grasslands)
- L = Long-Term, typically greater than 6 months (e.g. hydrology, ecology)

Intensity:

- Yellow: D0 Abnormally Dry
- Light Orange: D1 Moderate Drought
- Orange: D2 Severe Drought
- Dark Orange: D3 Extreme Drought
- Dark Red: D4 Exceptional Drought

The Drought Monitor focuses on broad-scale conditions. Local conditions may vary. See accompanying text summary for forecast statements.

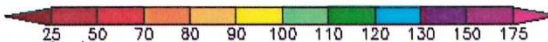
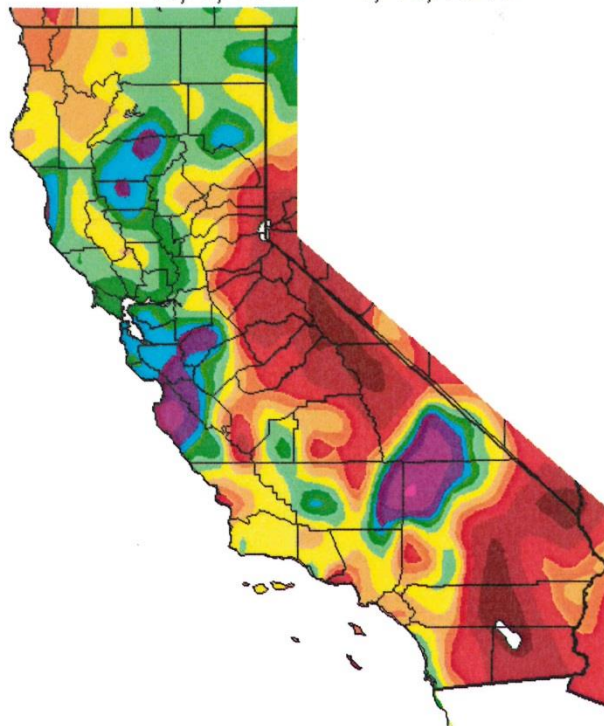


<http://droughtmonitor.unl.edu/>

Precipitation to Date

Statewide Precipitation Conditions

Percent of Average Precipitation (%)
10/1/2014 - 1/18/2015

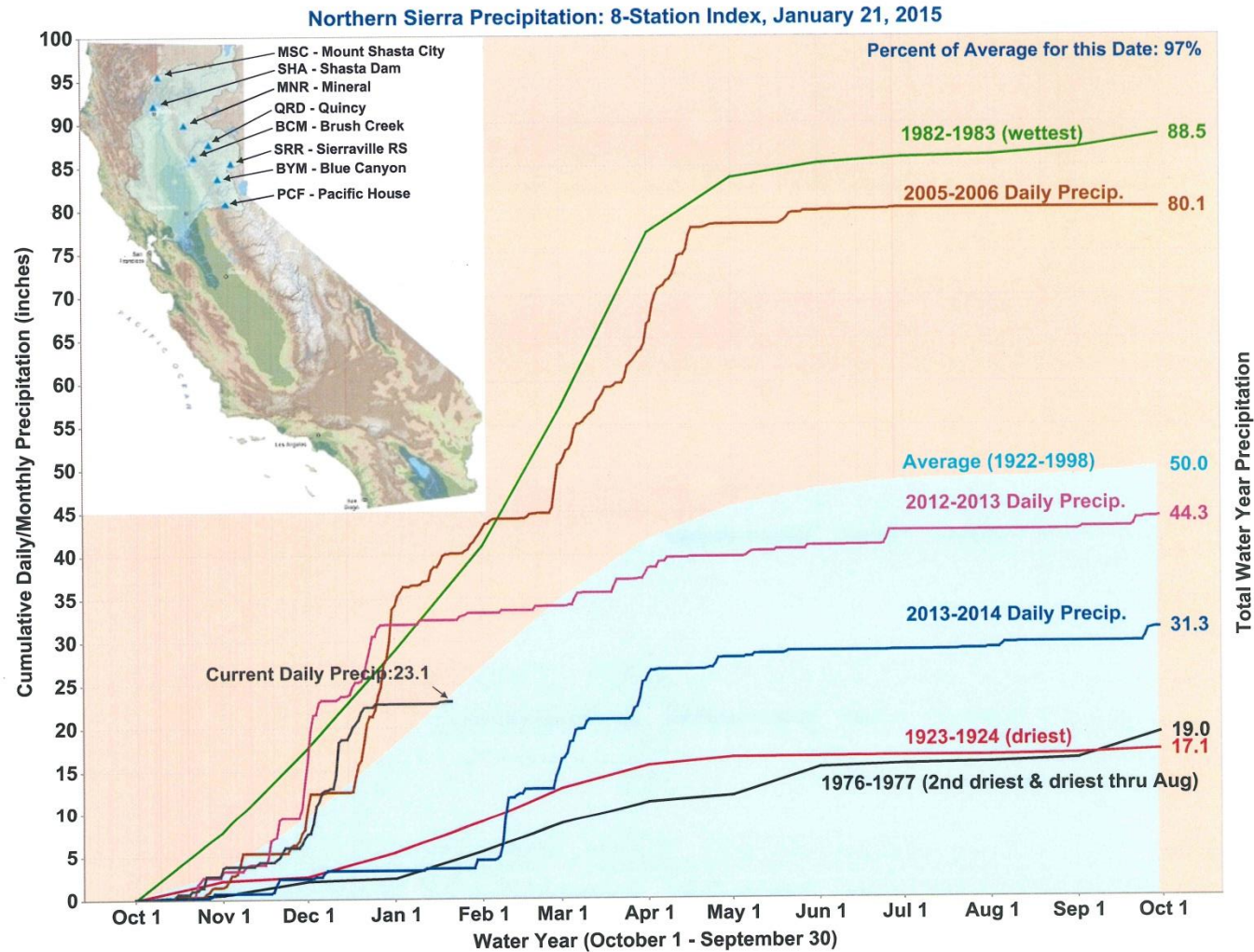


Generated 1/19/2015 at WRCC using provisional data.
NOAA Regional Climate Centers

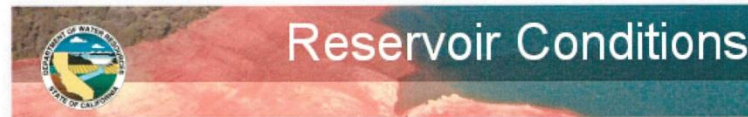
State Water Project

- Initial Allocation 10%
- North Of Delta Allocation increased to 25%
- Our First NOD Allocation
- Most other contractors at 15%

State Water Project

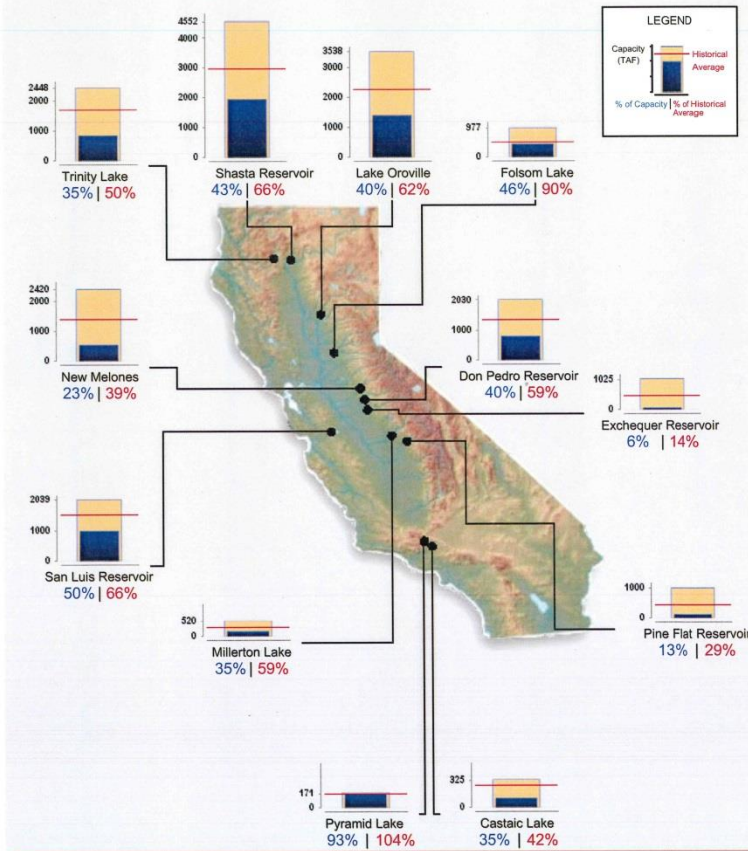


State Water Project



Ending At Midnight - January 20, 2015

CURRENT RESERVOIR CONDITIONS

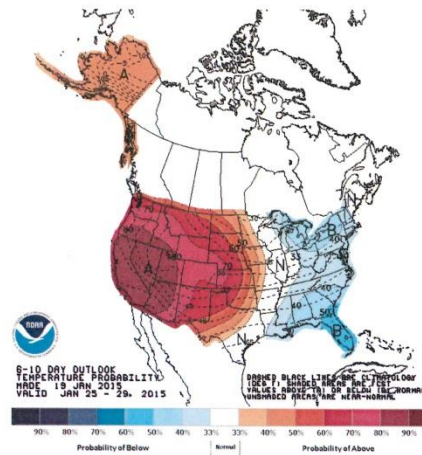


Graph Updated 01/21/2015 01:45 PM

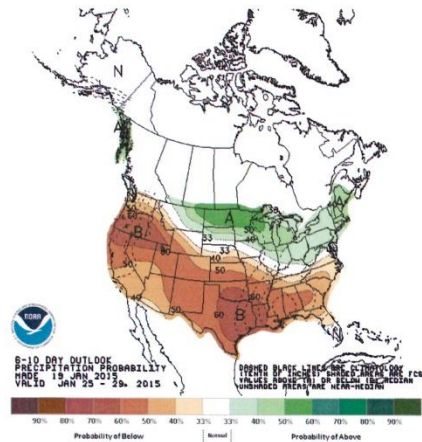
6 to 10 Day Forecast

21 Jan 2015 Update from DWR Snow Surveys Section – Weather, Climate, and Hydrology

1-5 Day Weather Outlook: Dry

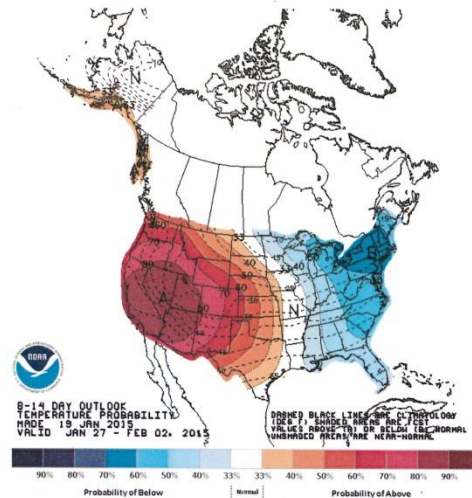


6-10 Day Temperature Outlook (Jan 25 – Jan 29) suggests well above normal temperatures for all of California.

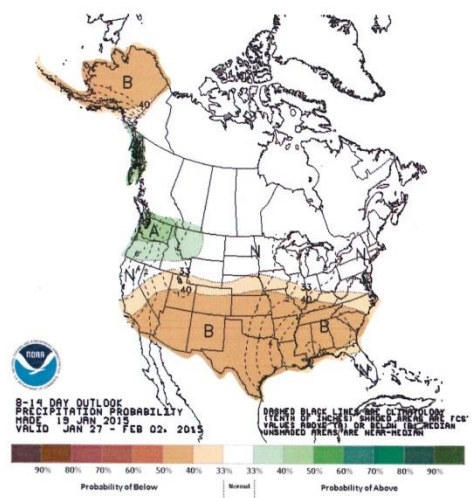


6-10 Day Precipitation Outlook (Jan 25-Jan29): suggests below normal precipitation for all of California

8 to 14 Day Forecast



8-14 Day Temperature Outlook (Jan 27 – Feb 2) : Suggests above normal temperatures statewide.

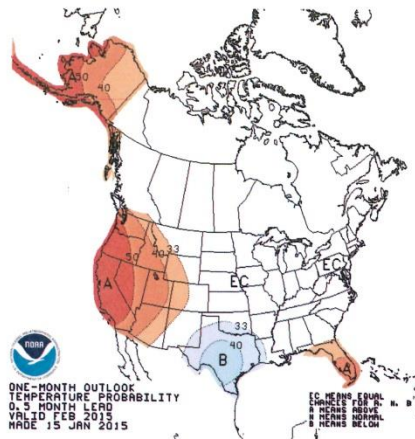


8-14 Day Precipitation Outlook (Jan 27 – Feb 2) : suggests below normal precipitation for California with normal probabilities of precipitation in N. California

12Z GFS on 1/20/2015 shows precipitation returning to Sierra region on 2/1/2015-2/4/2015 (very end of model run)

30 Day Forecast

30-Day Temperature and Precipitation Outlooks

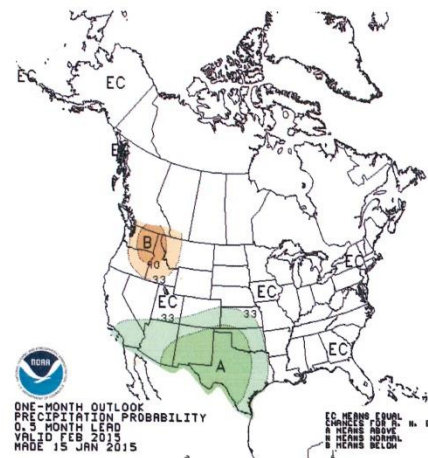


30 – Day Temperature Outlook

(15 Jan 2015) – suggests increased chances of above normal temperatures for Feb. 2015 for all of California.

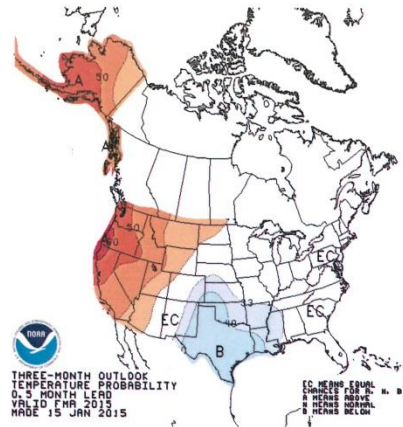
30 – Day Precipitation Outlook

(15 Jan 2015) – suggests increased chances of above normal precipitation for Southern California.



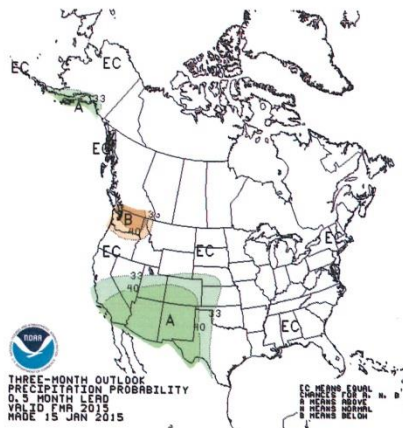
90 Day Forecast

90-Day Temperature and Precipitation Outlooks



90 Day Temperature Outlook

(15 Jan 2015) – suggests increased chances of above normal temperatures for Feb thru April 2015 for all of California.



90 Day Precipitation Outlook

(15 Jan 2015): suggests increased chances of above normal precipitation for Feb thru April 2015 for Southern California.

Questions?