



# **Water Supply Briefing**

Landscape Advisory Committee  
October 19, 2015

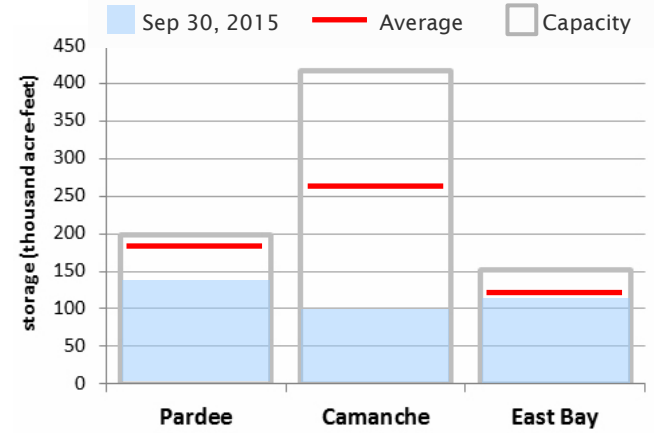
- EBMUD Water Supply
- State Water Supply
- NOAA Outlook
- State Emergency Drought Regulations

# Current Water Supply

## Reservoir Storage

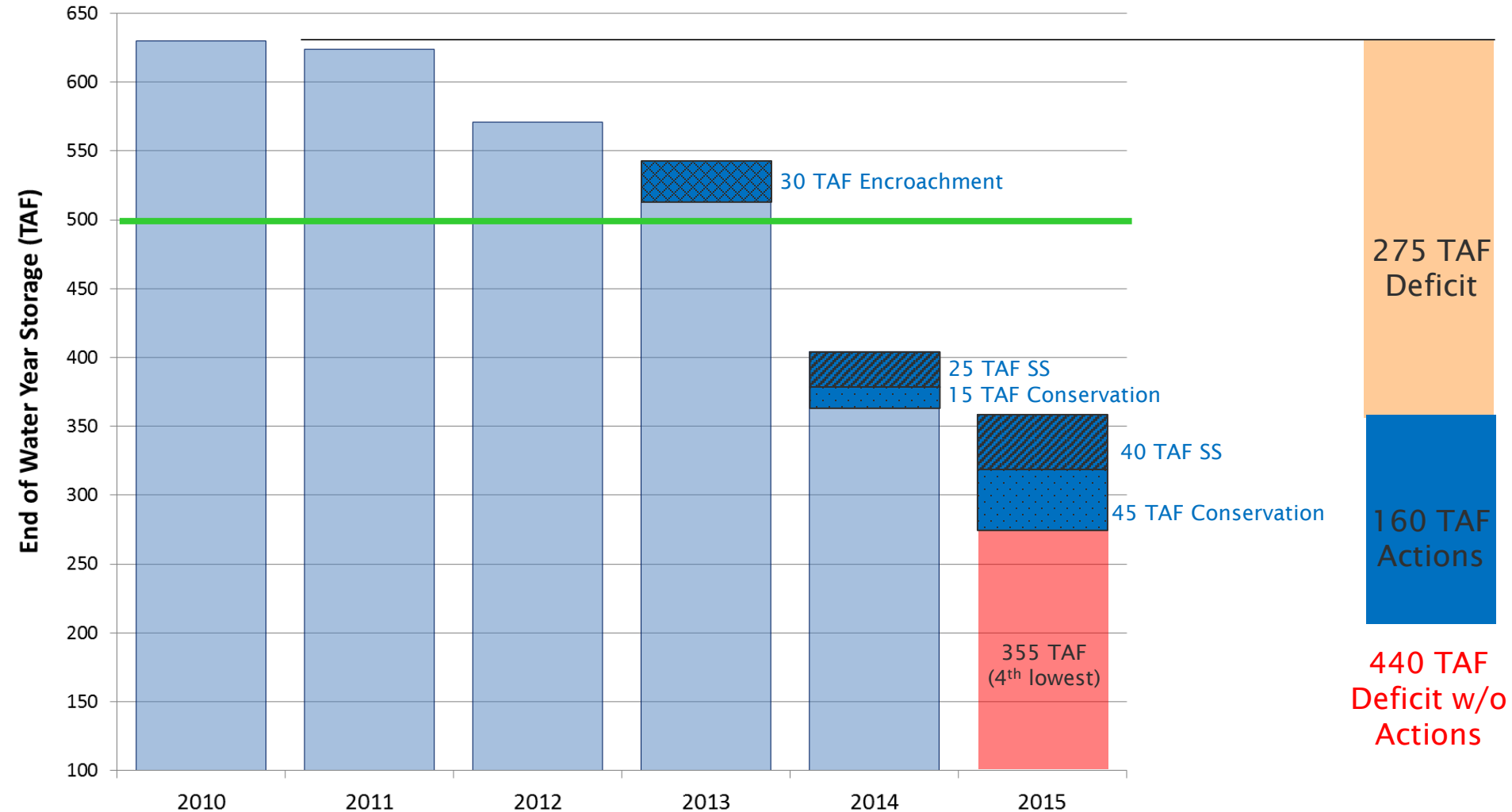


**Total System Storage**  
**355,000 acre-feet**  
**(62% of avg, 46% of capacity)**



# Current Water Supply

## Decline End of September Storage



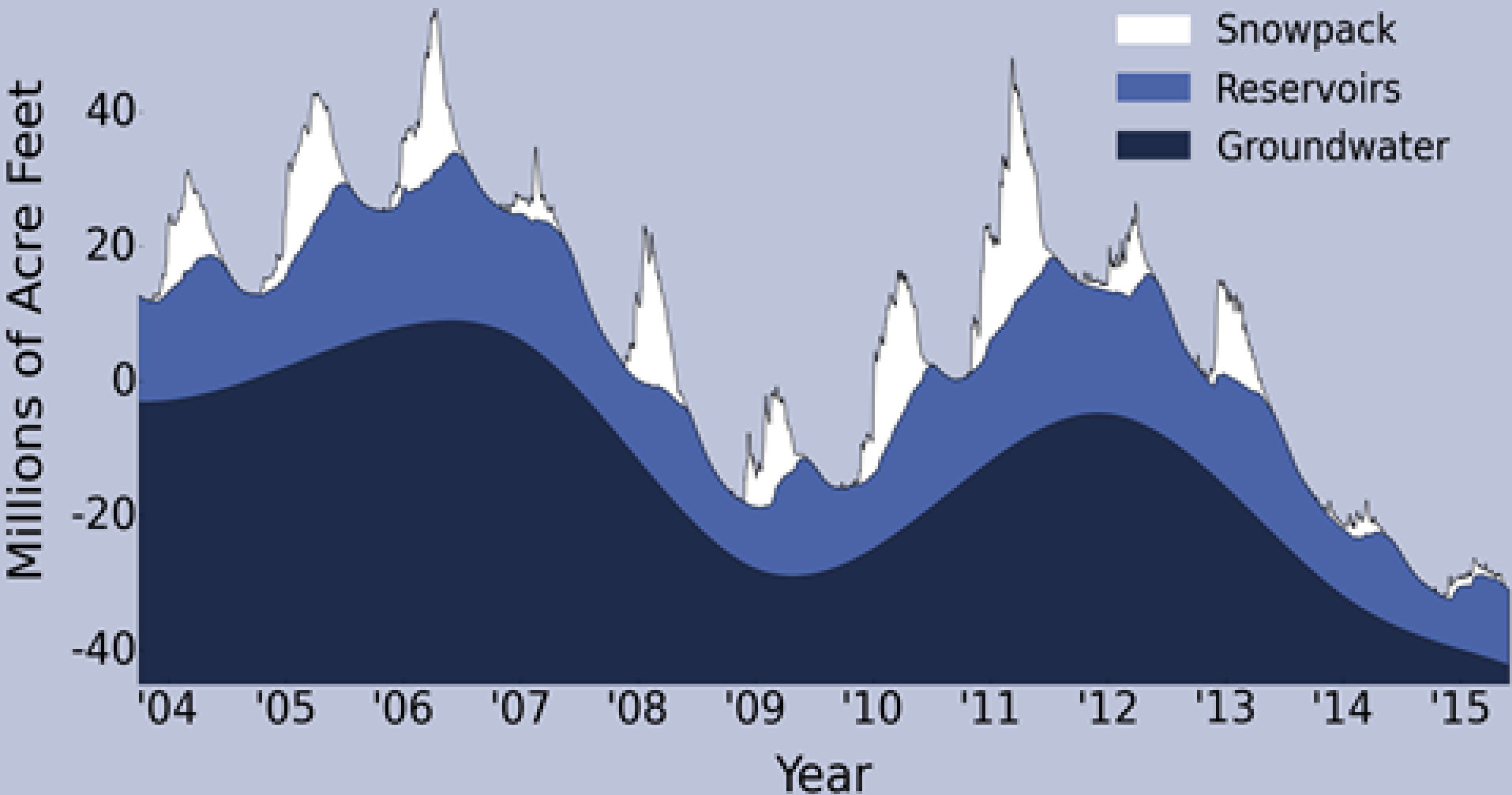
# Supplemental Supply

## CVP & Transfer Water Supplies



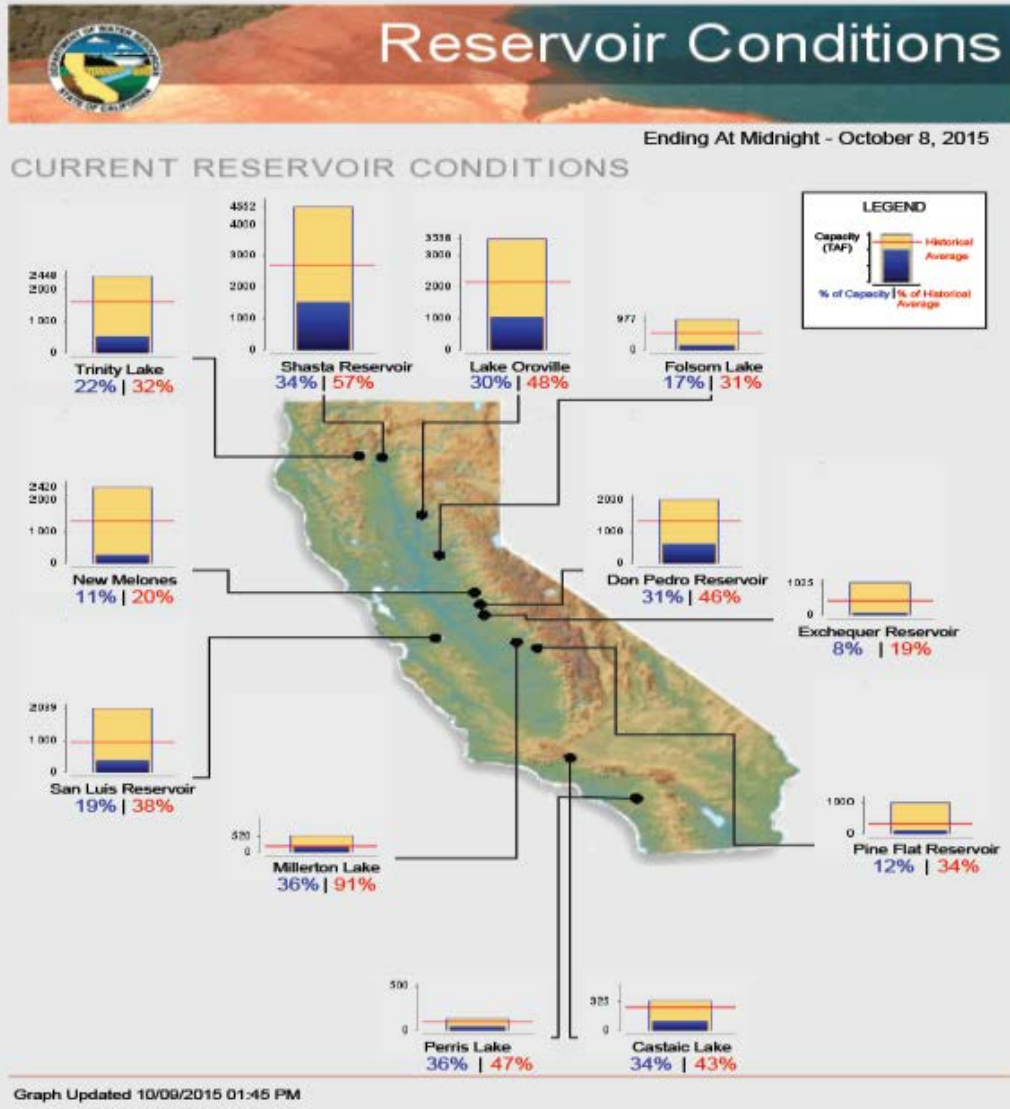
	Supply	Estimated Quantity (AF)	Total Cumulative Quantity (AF)
WY2015	1. CVP Contract – 25% Allocation	33,250	33,250
	2. Placer County Water Agency Transfer	8,600	41,850
WY2016	3. Placer County Water Agency Transfer	2,800	44,650
	4. Glenn-Colusa Irrigation District Transfer	0	44,650
	5. Sycamore Mutual Water Company Transfer	4,500	49,150
	6. Reclamation District 1004 Transfer	8,800	57,950

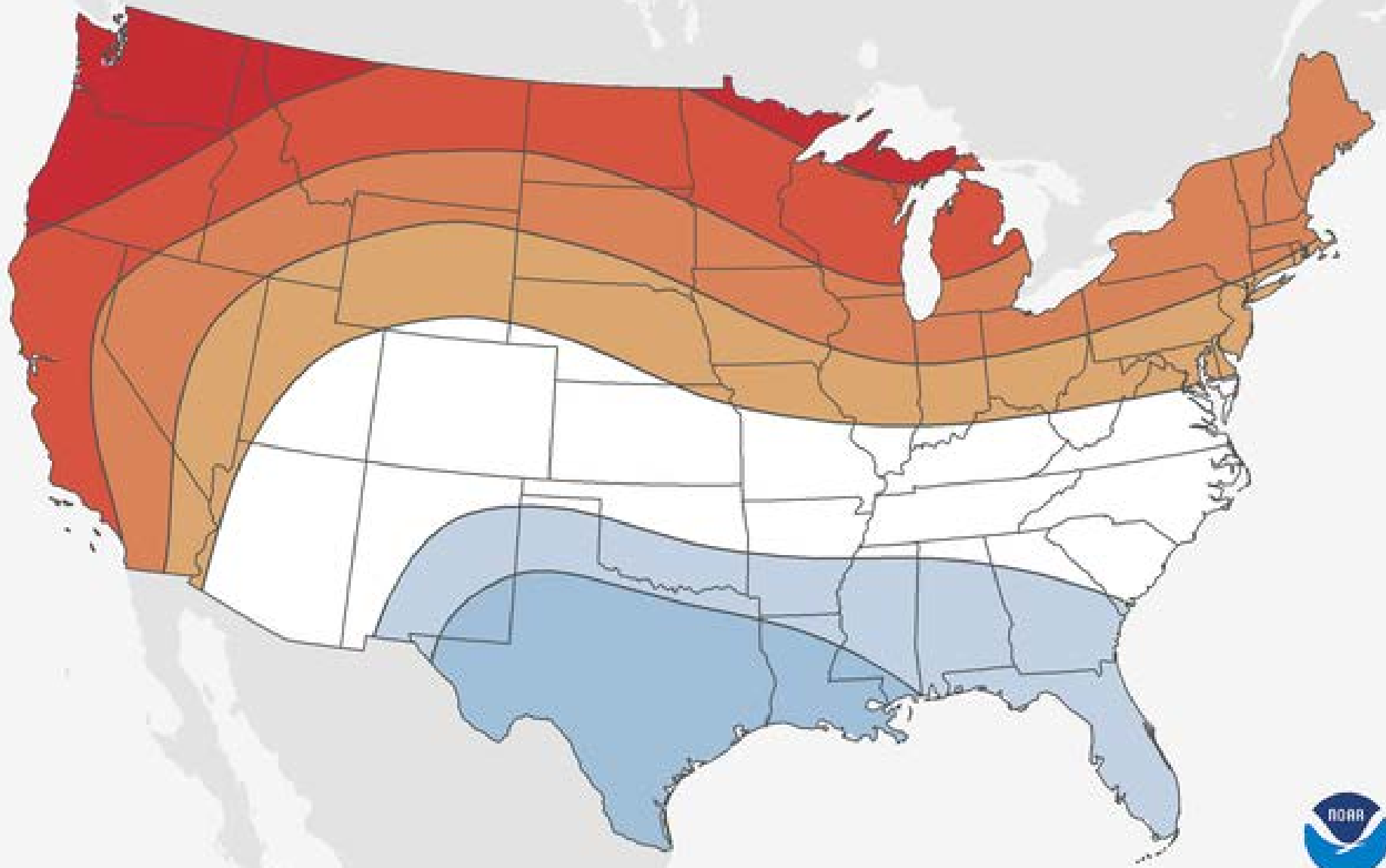
# Water Stored in California's Reservoirs, Snowpack, and Groundwater



Reservoir data is from California Department of Water Resources, and includes 39 reservoirs accounting for more than 95% of California's reservoir capacity. Snowpack data is from the National Snow and Ice Data Center's SNODAS model, and is an estimate of all snow on the ground for the entire state. For groundwater, we don't know the total amount, but we can estimate how much it changes each year. These estimates (not including seasonal fluctuation) are from J. Famiglietti, with 2003 set to zero.

# Current Water Supply California Storage

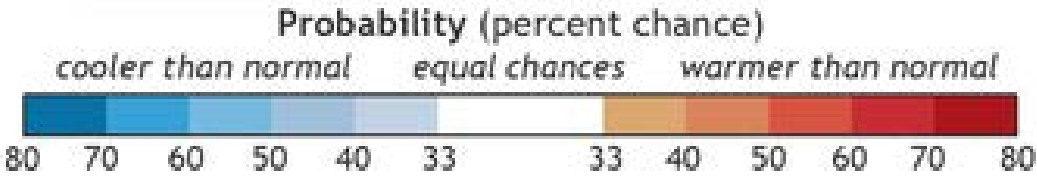




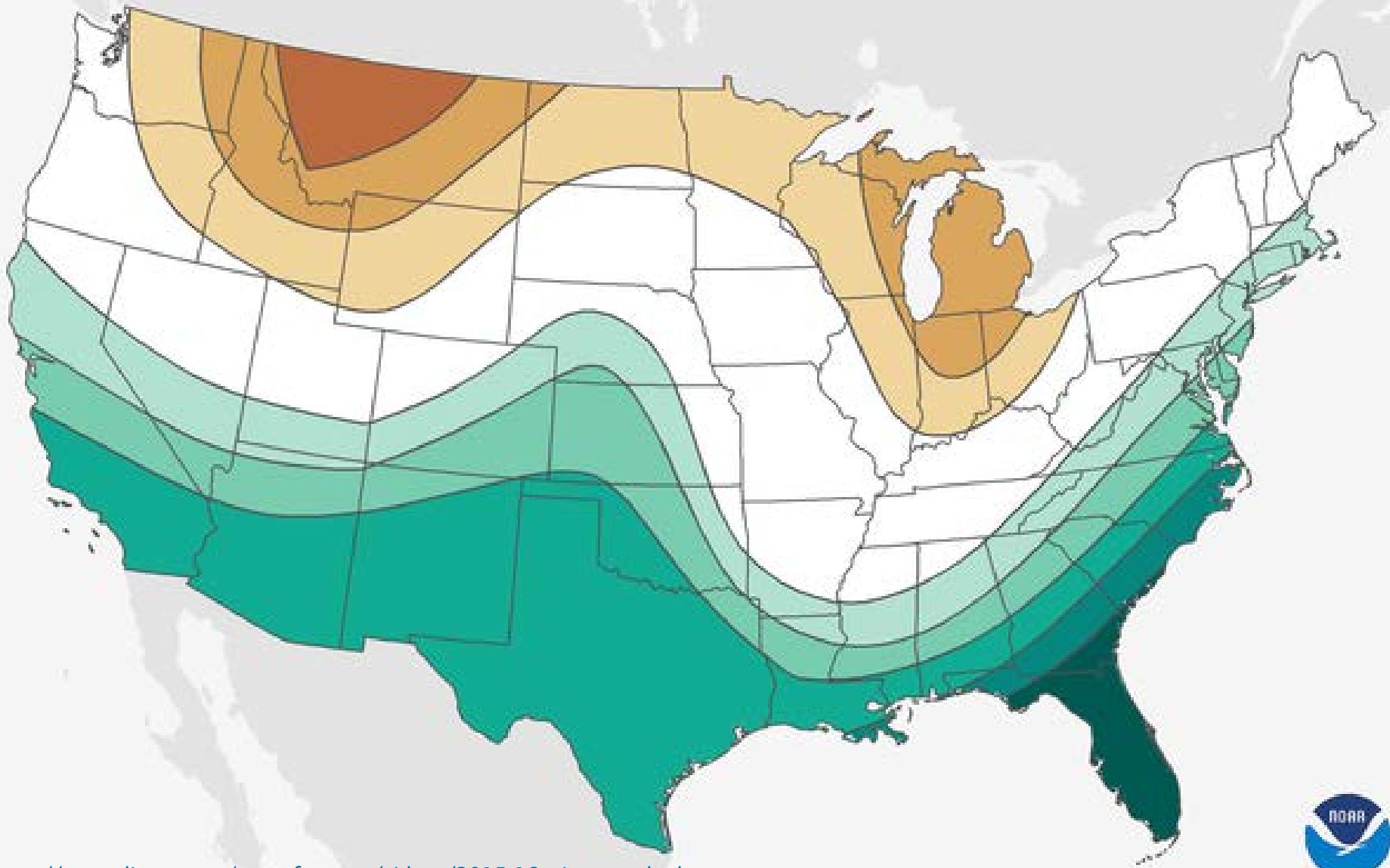
Climate.gov  
Data: CPC

<https://www.climate.gov/news-features/videos/2015-16-winter-outlook>

Temperature Outlook  
for December - February  
Issued 2015 Oct 13







<https://www.climate.gov/news-features/videos/2015-16-winter-outlook>

Precipitation Outlook  
for December - February  
Issued 2015 Oct 13

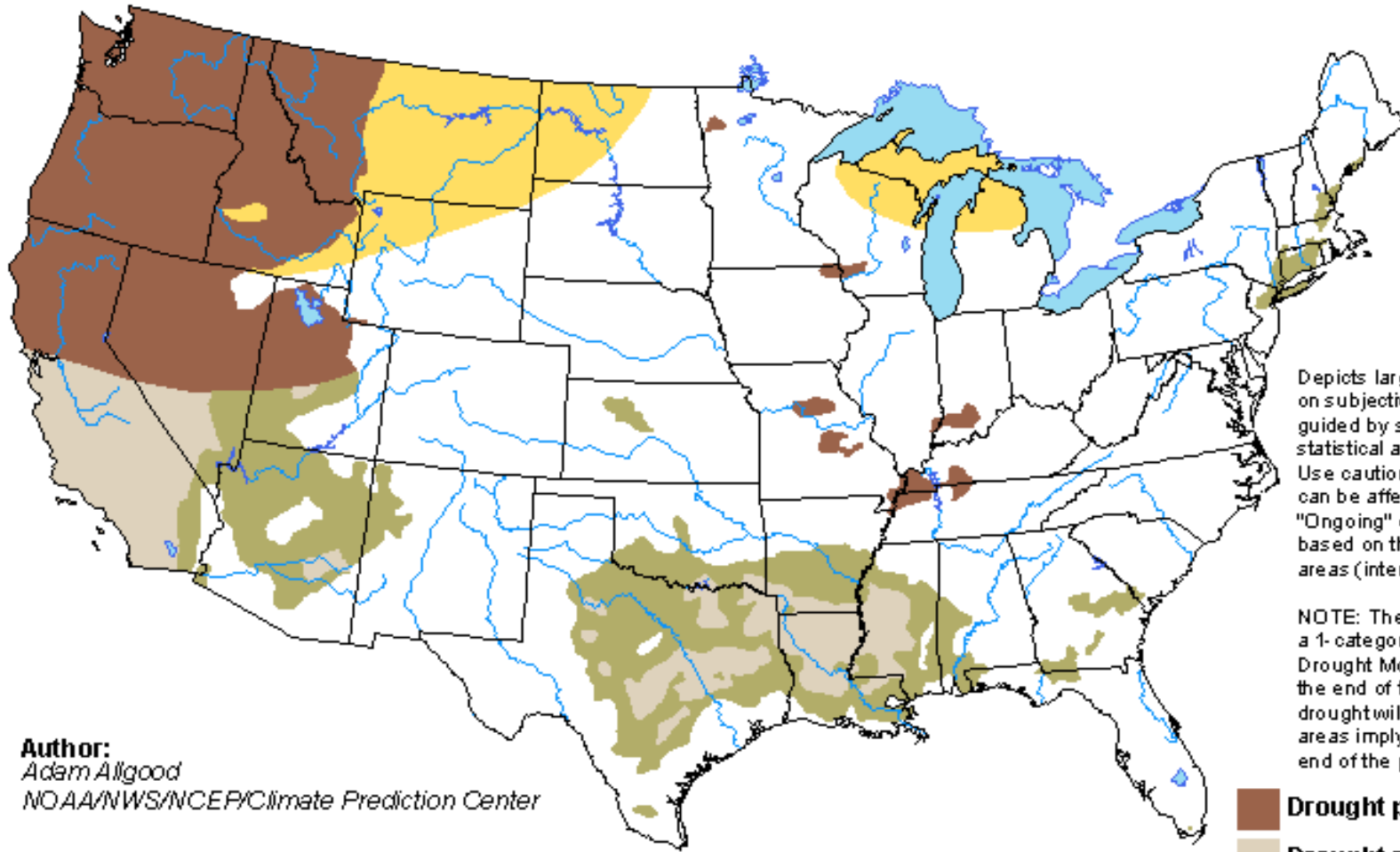


Climate.gov  
Data: CPC

# U.S. Seasonal Drought Outlook

## Drought Tendency During the Valid Period

Valid for October 15 - January 31, 2016  
Released October 15, 2015

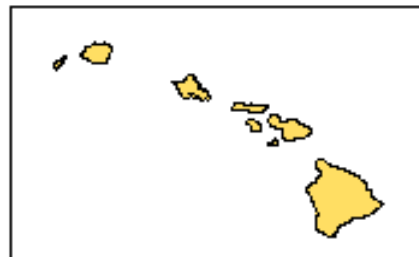
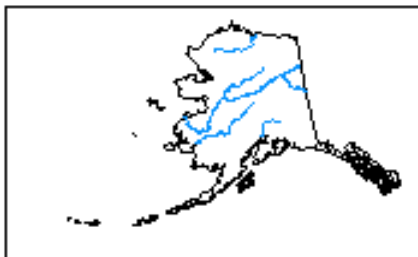


Depicts large-scale trends based on subjectively derived probabilities guided by short- and long-range statistical and dynamical forecasts. Use caution for applications that can be affected by short lived events. "Ongoing" drought areas are based on the U.S. Drought Monitor areas (intensities of D1 to D4).

NOTE: The tan areas imply at least a 1-category improvement in the Drought Monitor intensity levels by the end of the period, although drought will remain. The green areas imply drought removal by the end of the period (D0 or none).

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-  Drought persists/intensifies
-  Drought remains but improves
-  Drought removal likely
-  Drought development likely



<http://go.usa.gov/3eZ73>

# State Emergency Drought Regulations



- Emergency Regulations in effect 270 days (May 18, 2015 - Feb. 12, 2016) unless extended by Governor/SWRCB
- Ad-Hoc (Invited) Workgroup discussing ongoing regulations (emergency + longer-term)
  - Comprised of utilities, environ. stakeholders, NGOs
  - First meeting August 26<sup>th</sup>; next meeting Oct. 26<sup>th</sup>
- Likely some drought regulations will continue due to extended supply shortfall
- Model Water Efficient Landscape Ordinance workshops (Oct.-Nov.) - *handout*