



# Current and Recent Weather & Climate Conditions

John Fausett  
National Weather Service  
Santa Teresa, NM  
10/25/2016

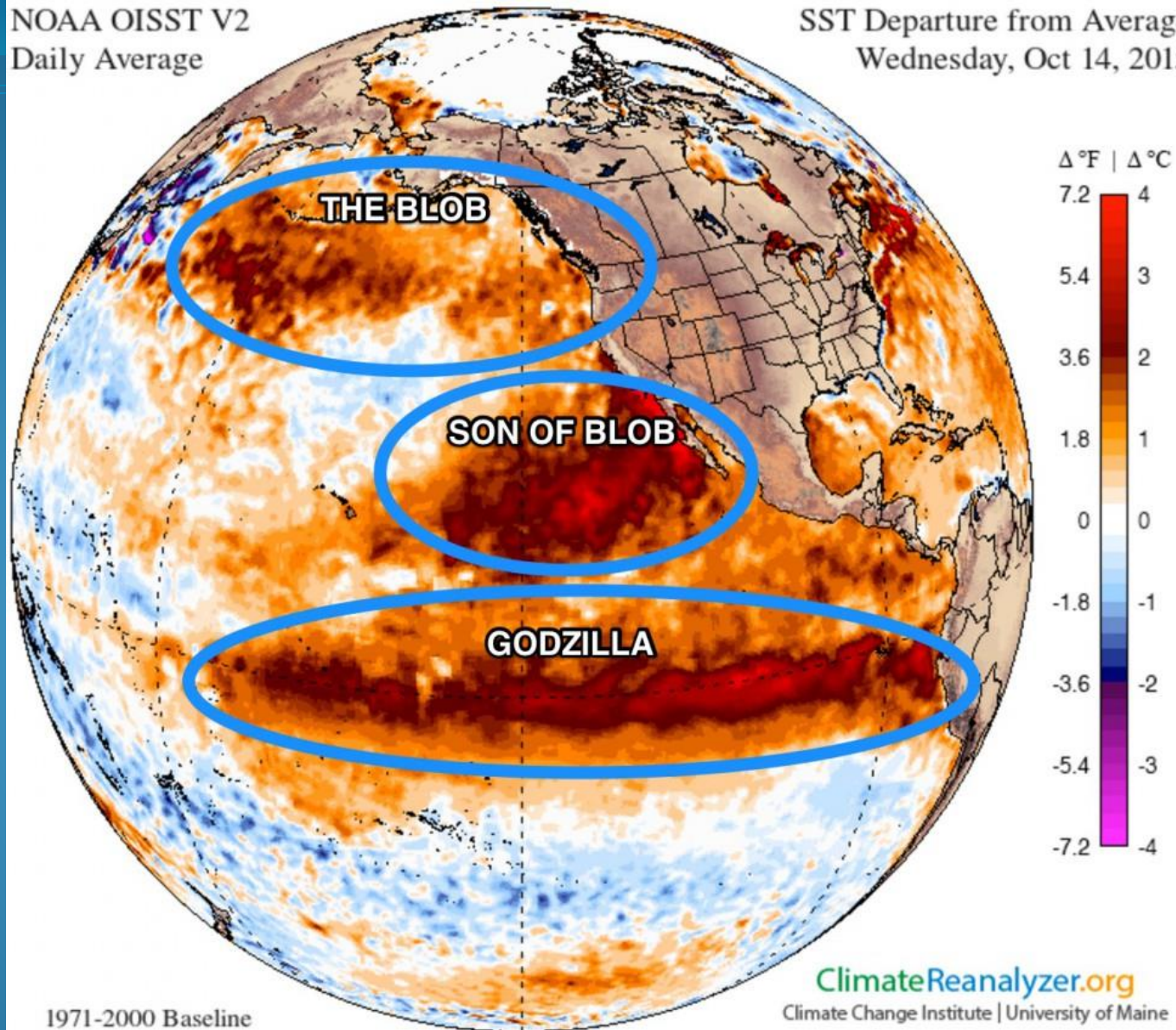
NOAA OISST V2  
Daily Average

SST Departure from Average  
Wednesday, Oct 14, 2015

2<sup>nd</sup> strongest  
El Niño on record  
last year

Southern CA &  
Desert Southwest?

FAIL!!!



World  
+ 0.49 °C

Northern Hemisphere  
+ 0.80 °C

North Atlantic  
+ 0.64 °C

Equatorial Pacific  
+ 0.99 °C

Southern Hemisphere  
+ 0.25 °C

North Pacific  
+ 0.86 °C

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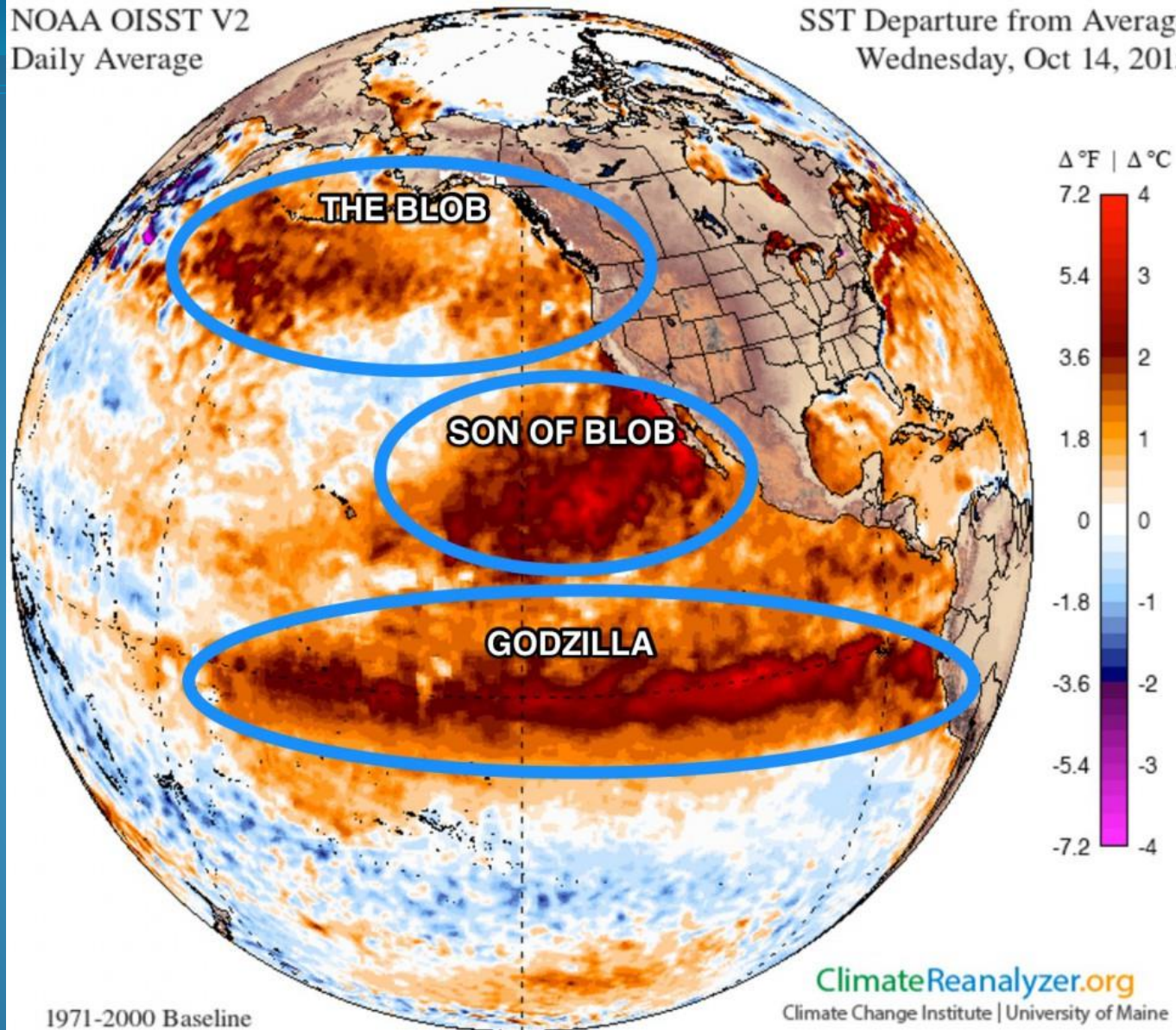
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Desert Southwest?

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Possible culprits:

The Blobs  
(west coast ridge)

*Lack of convection  
along ITCZ  
(subtropical jet did  
not strengthen)*



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**It was more like La Niña for us!!!**

# It was more like La Niña for us!!!

## *Exceptions:*

October severe weather (damaging hail --- \$\$\$)

Christmas weekend heavy snow

- \* 8-10 inches Dona Aña/El Paso Counties
- \* Blizzard Sacramento Mtns eastward

# Monsoon 2016 --- late but made its presence known

*Long “haboob” season*

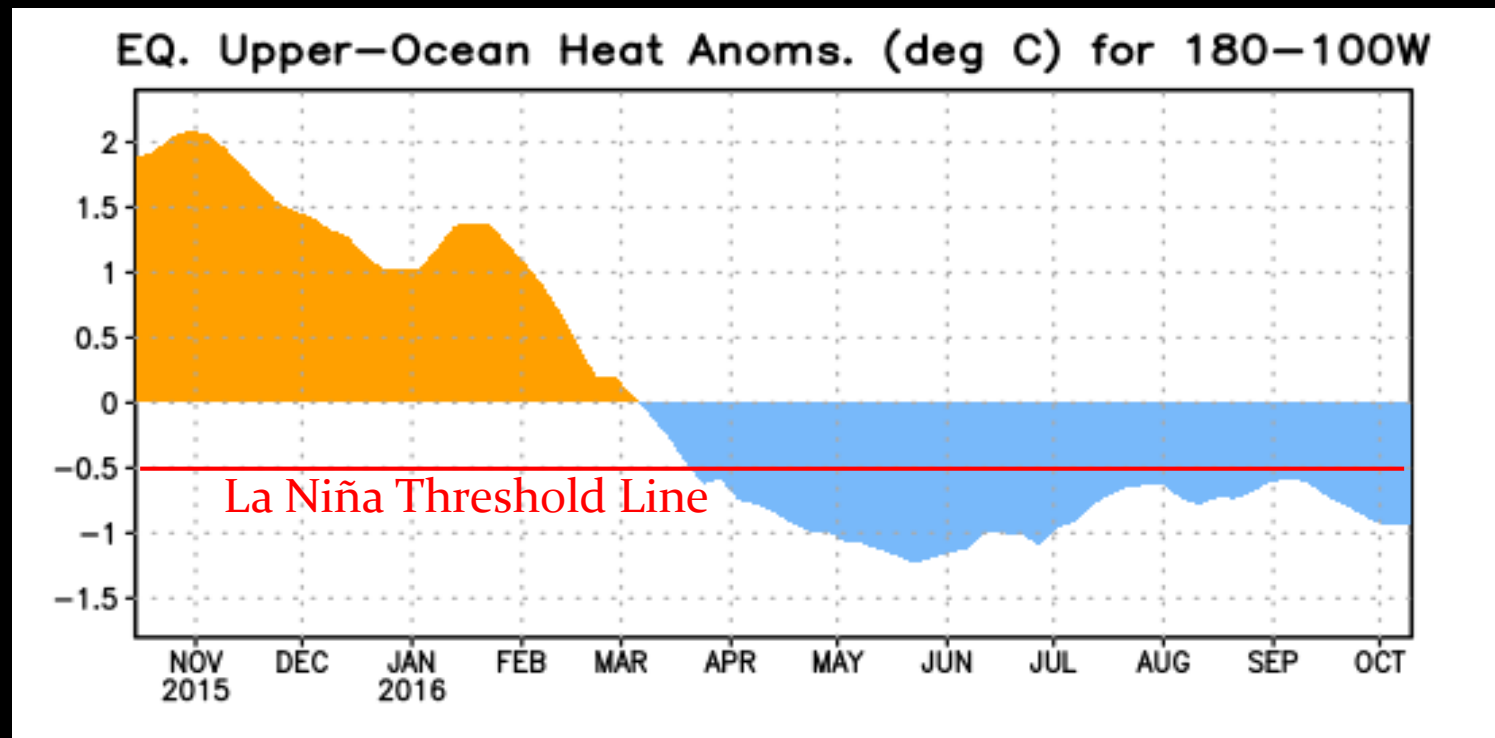
El Paso International Airport

July --- 0.24 inches (normal 1.55 inches)

August --- 4.76 inches (normal 2.01 inches)

16 consecutive triple digit days (38 total)

# Equatorial Pacific Sea Surface Temp. Anomaly



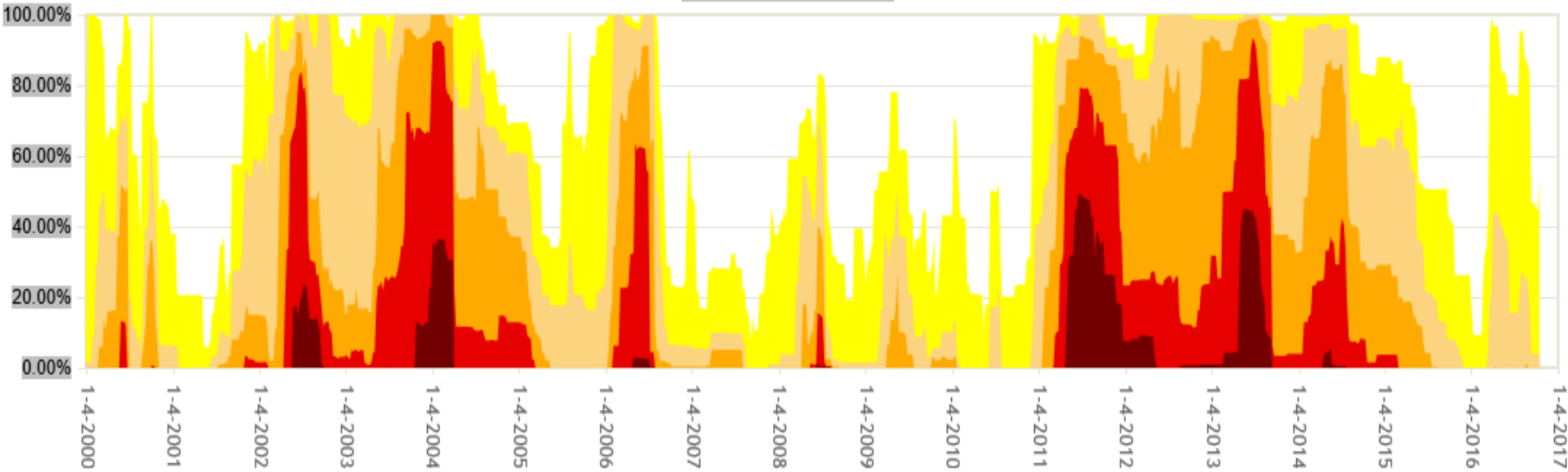
# U.S. Drought Monitor Statistics Graph

State

New Mexico

Legend

New Mexico Percent Area



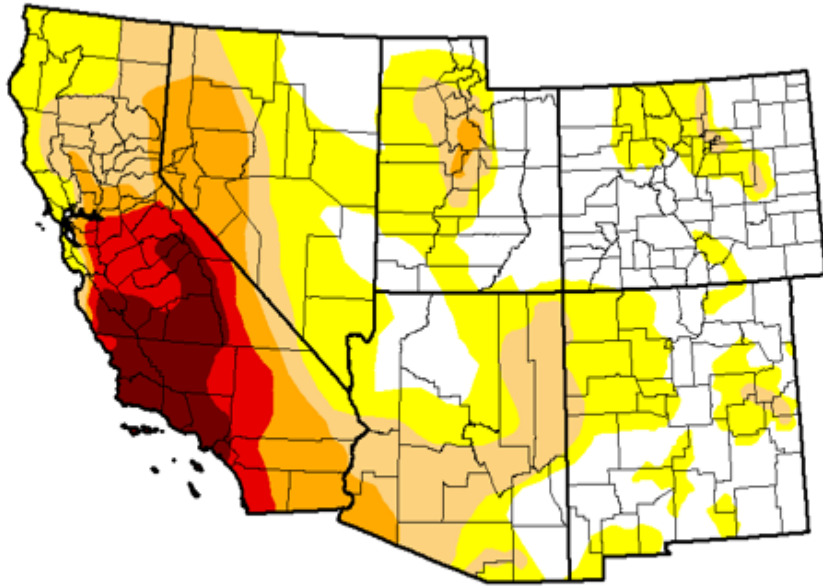
To zoom in, click and drag the cursor. To return to the full time series, double-click anywhere in the chart.

Export Graph

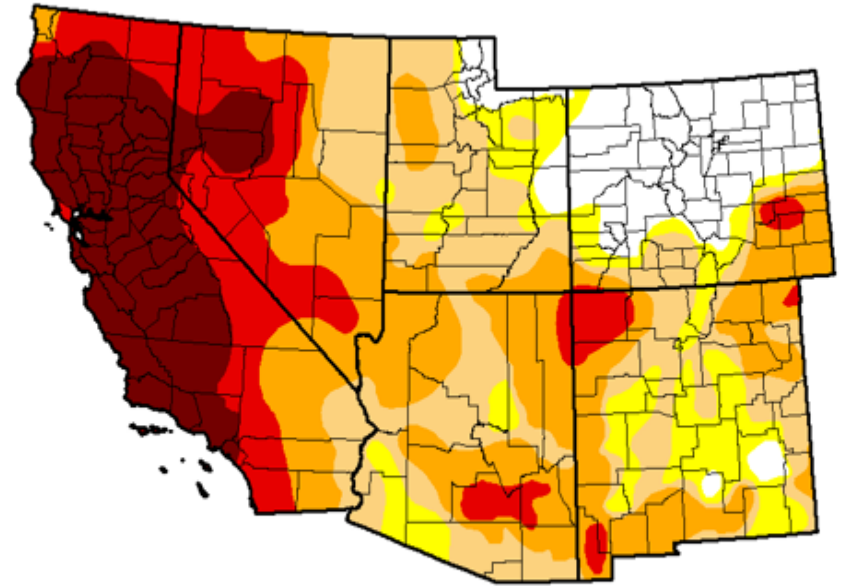
- D0-D4
- D1-D4
- D2-D4
- D3-D4
- D4



# Better than 2 years ago...for now, at least



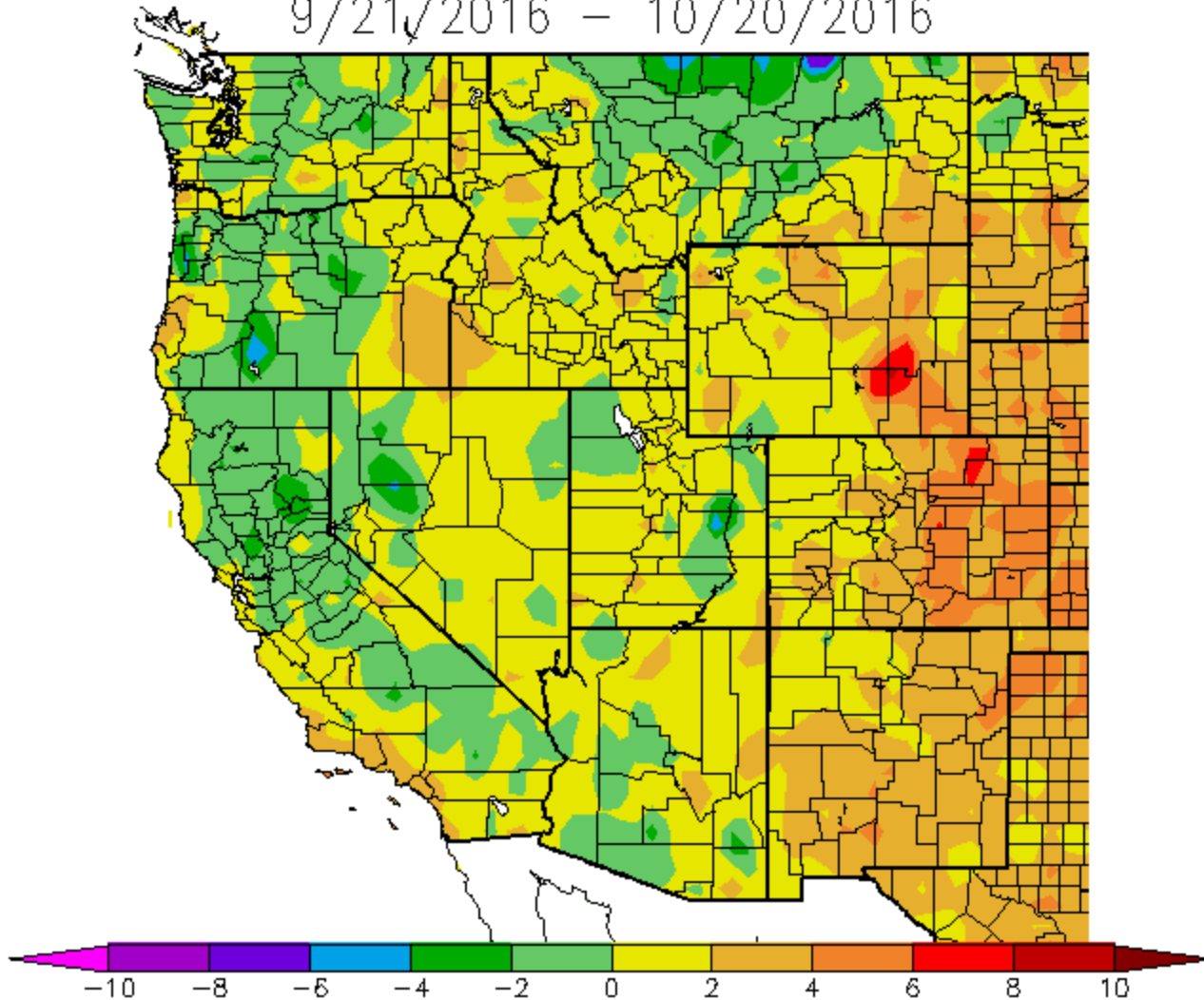
October 11, 2016



September 2, 2014

# A Warm & Dry Fall...sorta like La Niña!

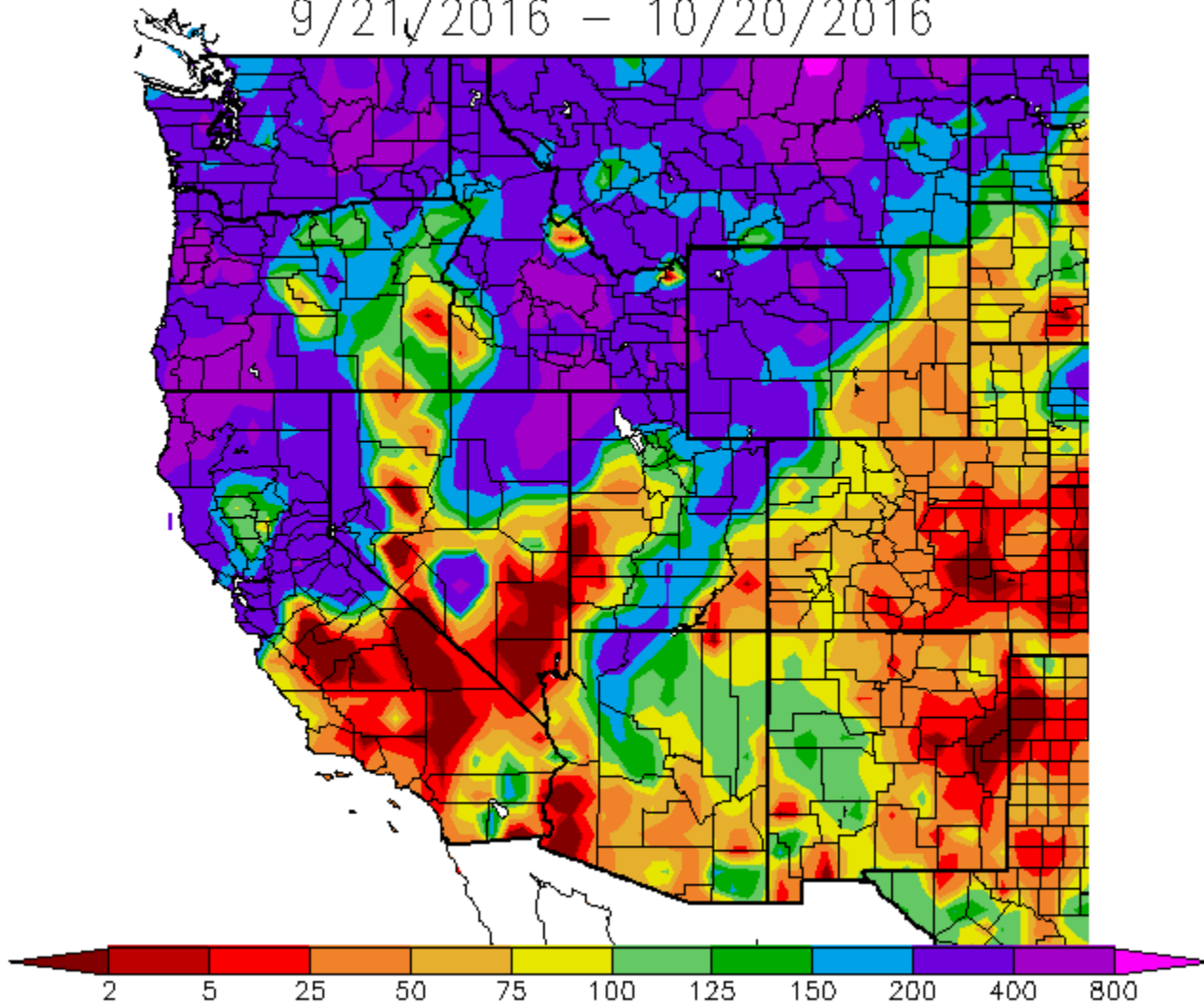
Ave. Temperature dep from Ave (deg F)  
9/21/2016 - 10/20/2016



Generated 10/21/2016 at WRCC using provisional data.  
NOAA Regional Climate Centers

# A Warm & Dry Fall...sorta like La Niña!

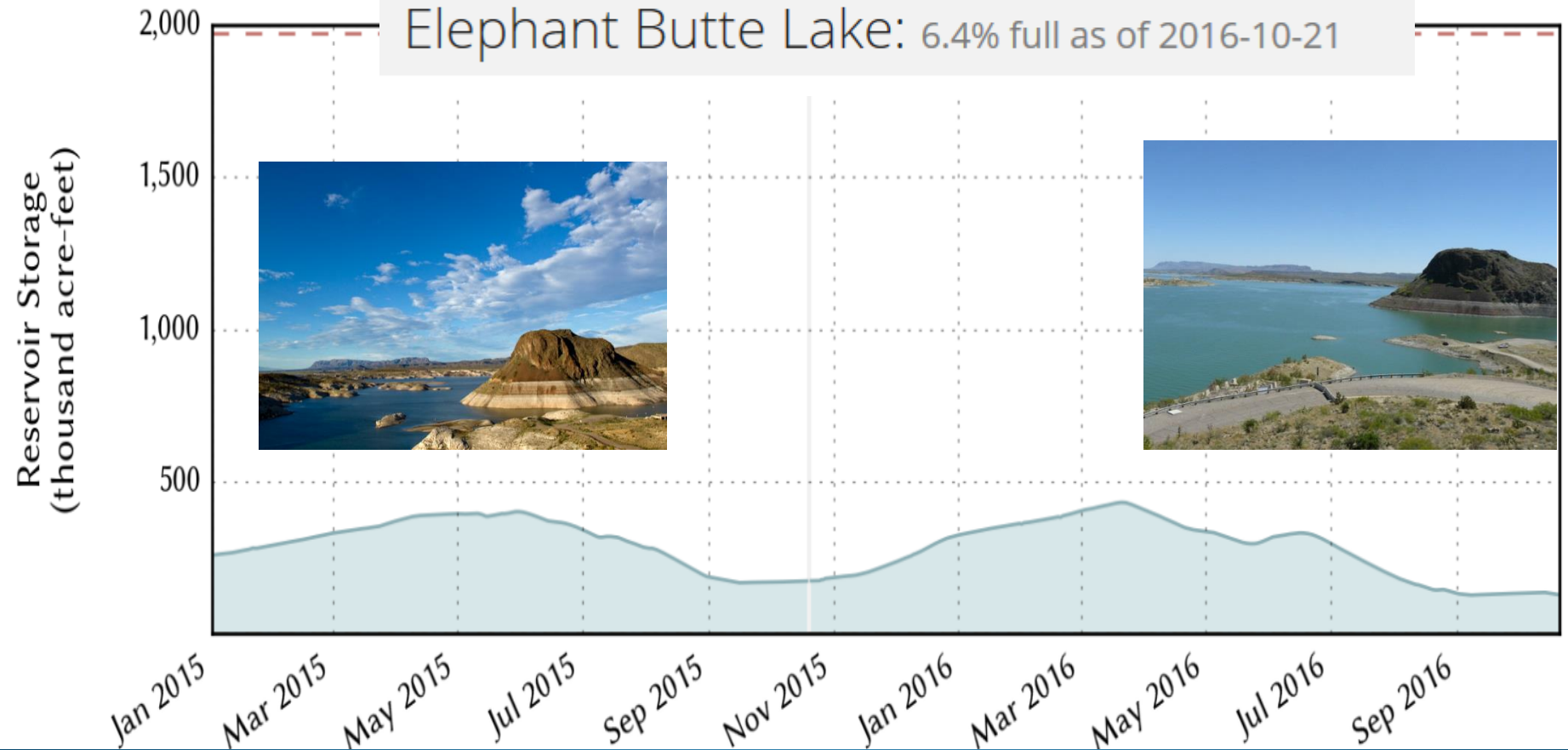
Percent of Average Precipitation (%)  
9/21/2016 - 10/20/2016



Generated 10/21/2016 at WRCC using provisional data.  
NOAA Regional Climate Centers

# *At least we had water in the Rio Grande below Caballo Dam for longer than in recent years!*

Elephant Butte Lake: 6.4% full as of 2016-10-21



# **DROUGHT**

A wide, dry riverbed with a small pool of water on the right, set against a backdrop of green trees and distant mountains under a clear blue sky.

**1993-2003**

**2.5 years of rain lost**

So you want the outlook?  
You don't have to beg...



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You don't have to beg...



Just sit and be patient  
And wait here for Gregg.