

EL NIÑO OUTLOOK 2015-16

Eric Boldt

Warning Coordination Meteorologist

National Weather Service Los Angeles/Oxnard

November 25, 2015



Latest ENSO* Information

November 2015
El Niño Advisory in effect since March

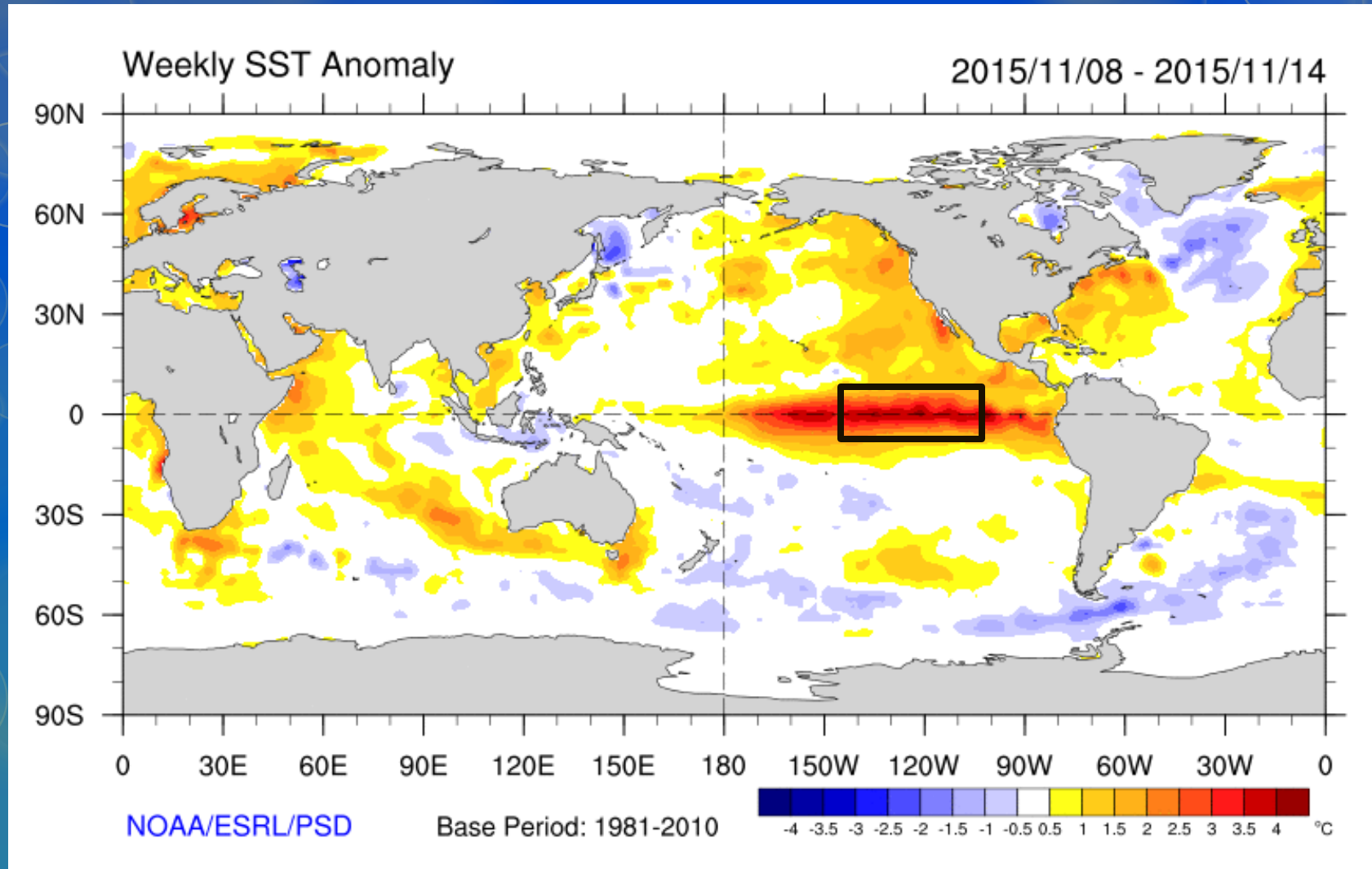
- Ocean continues to reflect sustained and strengthening El Niño conditions
- El Niño has been in a **strong** category since Oct. 1st
- This could rank among the top three strongest events since 1950

* ENSO stands for El Niño Southern Oscillation



November Sea Surface Temperature Anomaly

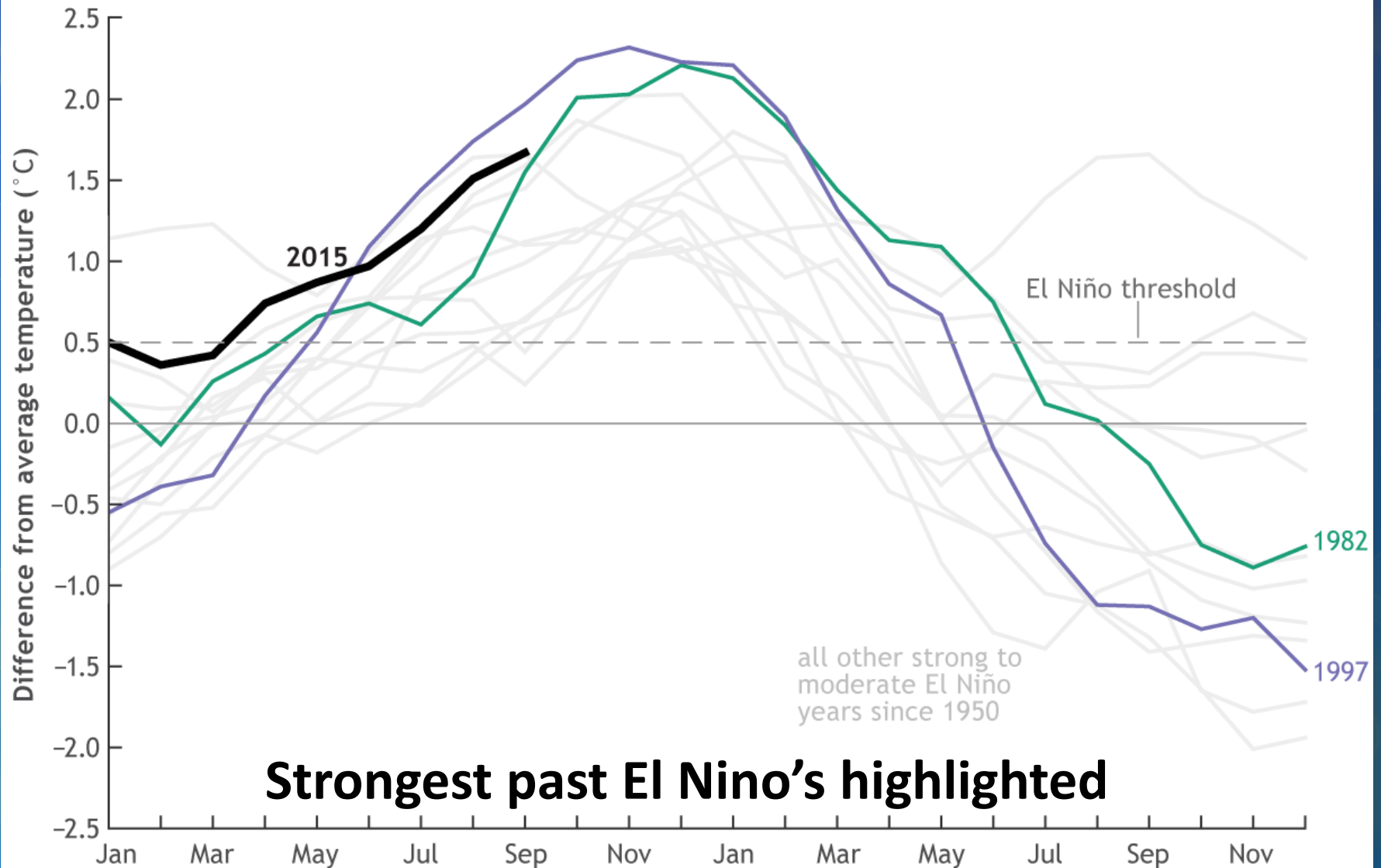
Warmer water across the tropical Central & Eastern Pacific



Black box represents ENSO Region 3.4 currently at +3.1°C

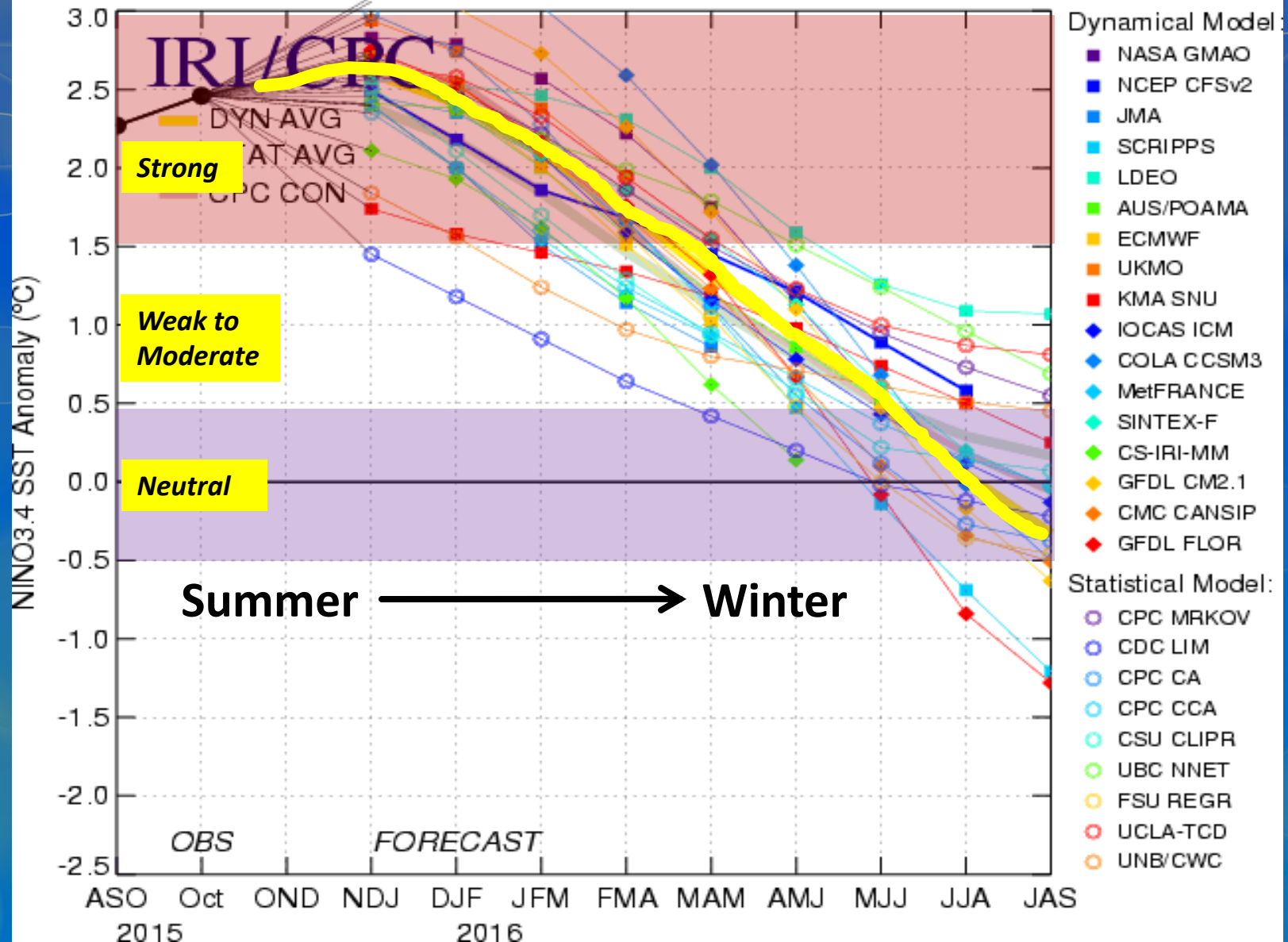
Where Does This El Niño Rank?

Monthly sea surface temperature Niño 3.4 Index values



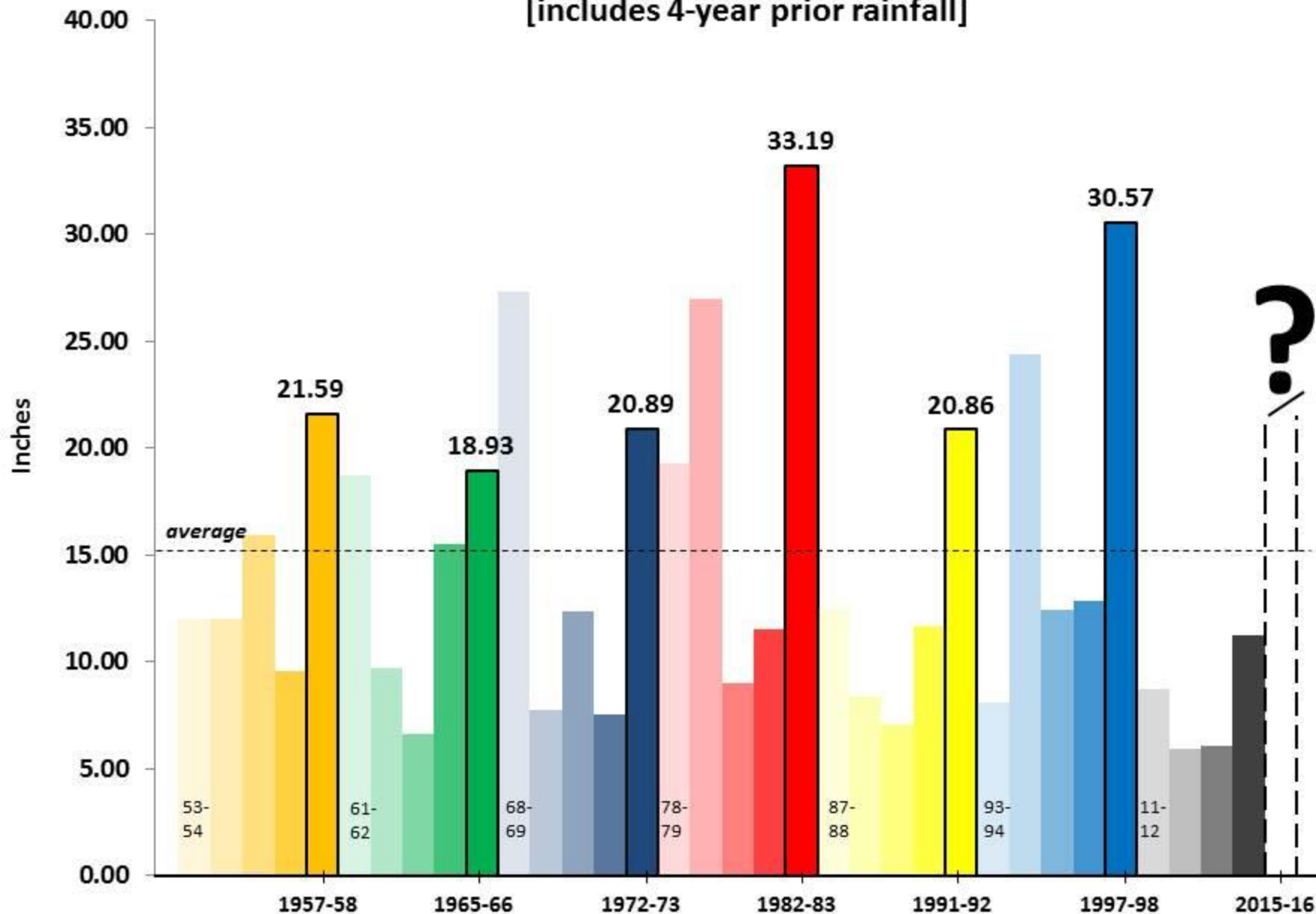
ENSO Model Predictions

Mid-Nov 2015 Plume of Model ENSO Predictions

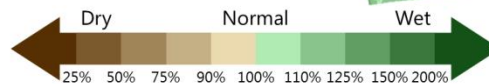


Past Strong (6) El Nino Rainfall in Los Angeles CA

[includes 4-year prior rainfall]

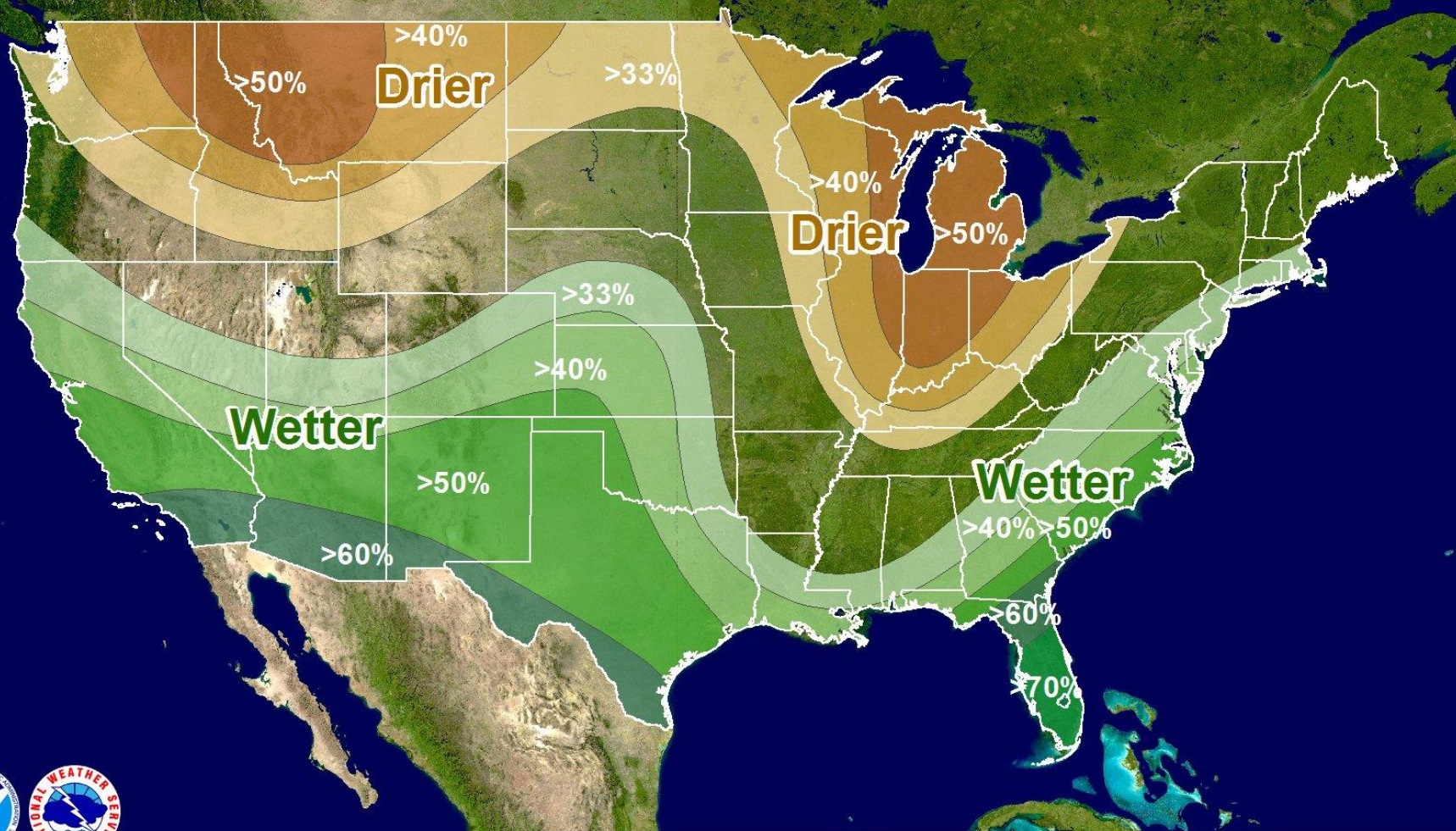


Strong El Niño Precip Results



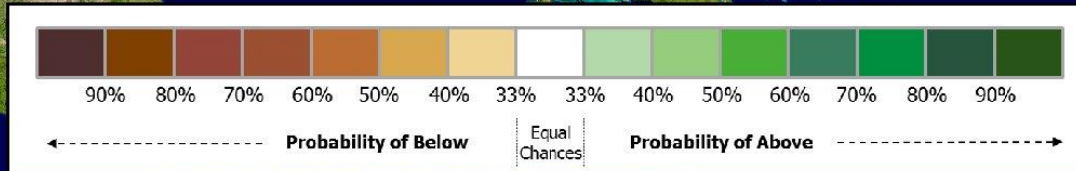
Seasonal Precipitation Outlook

Jan-Feb-Mar 2016



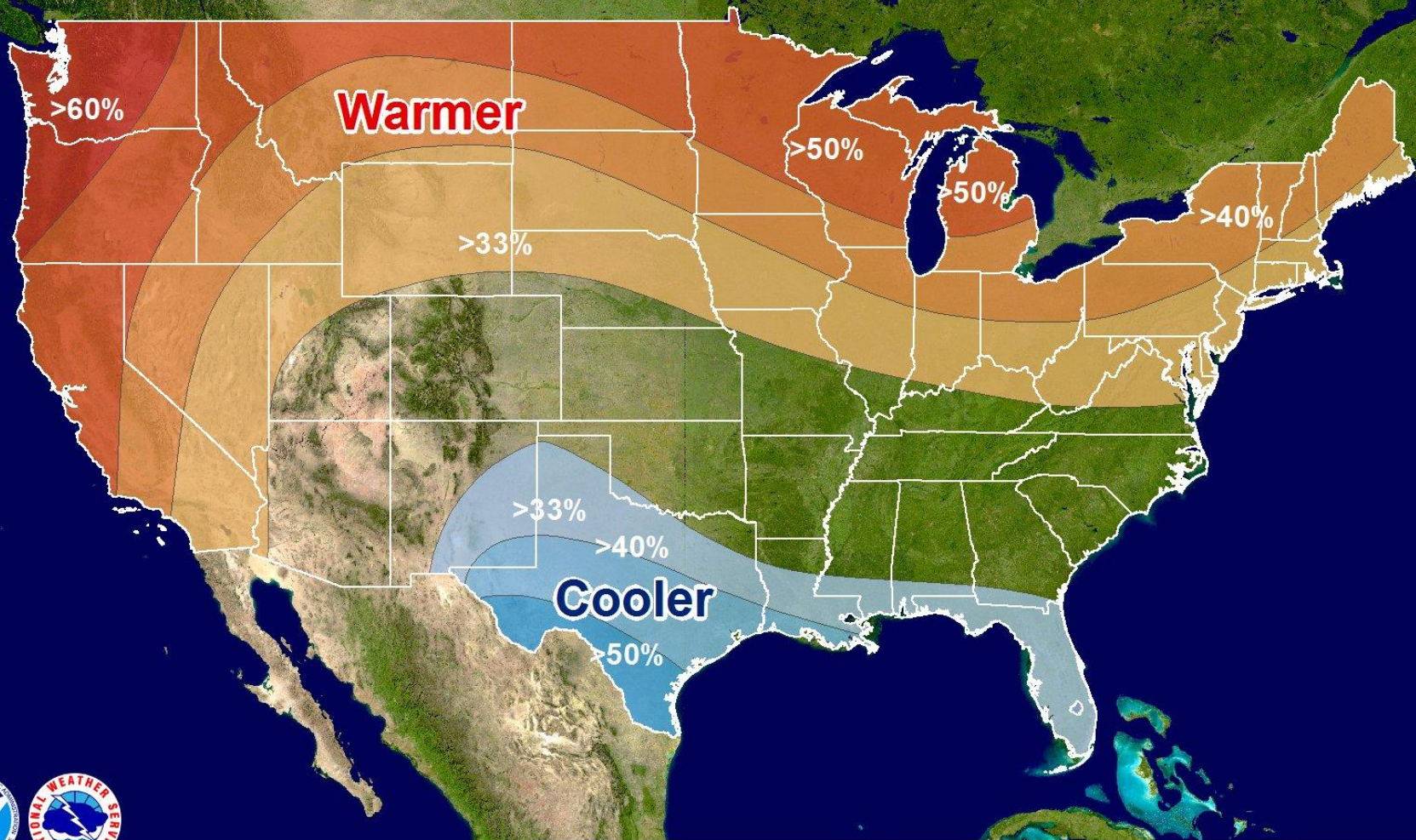
Climate Prediction Center

Issued: 11/19/15



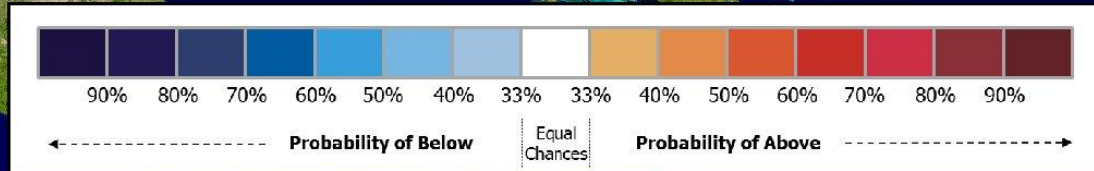
Seasonal Temperature Outlook

Jan-Feb-Mar 2016



Climate Prediction Center

Issued: 11/19/15



El Niño Conclusions

- El Niño *tilts the odds* of above normal rainfall for southwest California this winter
- **Strong** El Niño & among top three strongest
- One El Niño winter will not end the drought
- Prior to the rains, we still have a high potential for large wildfires



Potential Winter Impacts

- More **numerous** storms compared with other winters (especially January-March)



Coastal flooding

Potential Winter Impacts

- More **numerous** storms compared with other winters (especially January-March)



Coastal damage

Potential Winter Impacts

- More **numerous** storms compared with other winters (especially January-March)



Floods

What Should You Do?

Stay Aware of Weather Predictions

- Follow NWS on social media and web
- Listen to local media on TV, radio, or Internet

Prepare and Take Action

- Improve drainage and water issues now
- Check emergency kits; flood insurance
- Warning notification during events



Thank You!

805-988-6623

eric.boldt@noaa.gov

weather.gov/losangeles



@NWSLosAngeles

You Tube

NWSLosAngeles



NWSLosAngeles