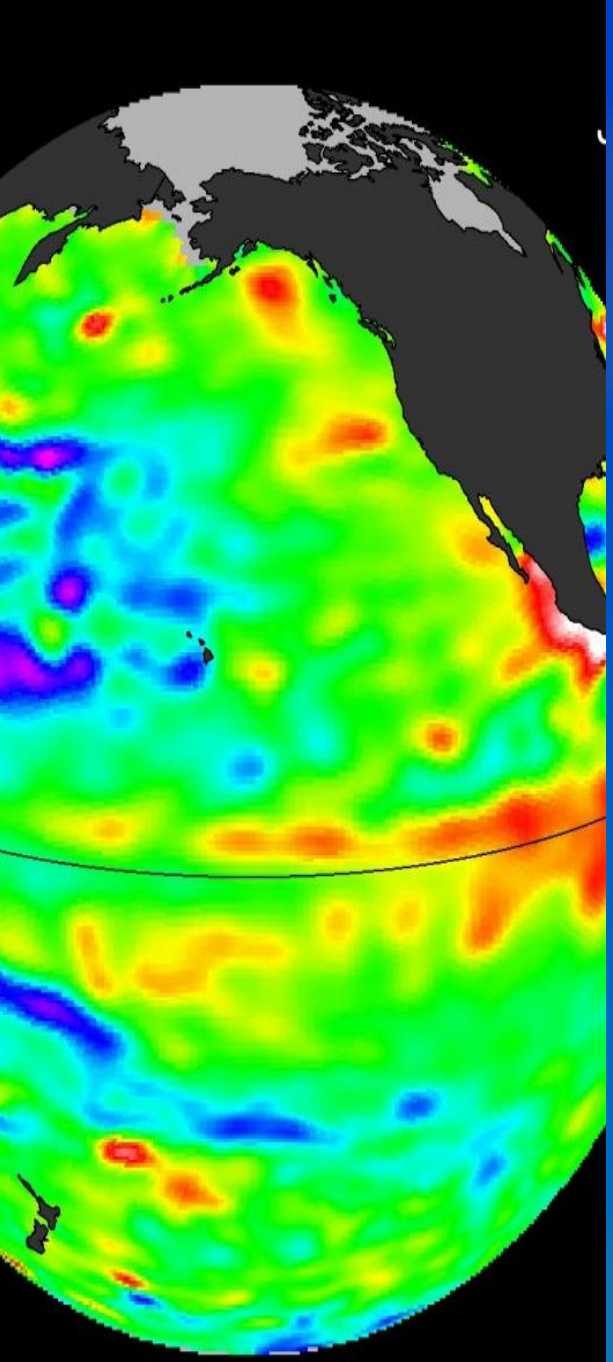


EL NIÑO OUTLOOK 2015-16

Eric Boldt
Warning Coordination Meteorologist
National Weather Service Los Angeles/Oxnard
November 25, 2015

Latest ENSO* Information

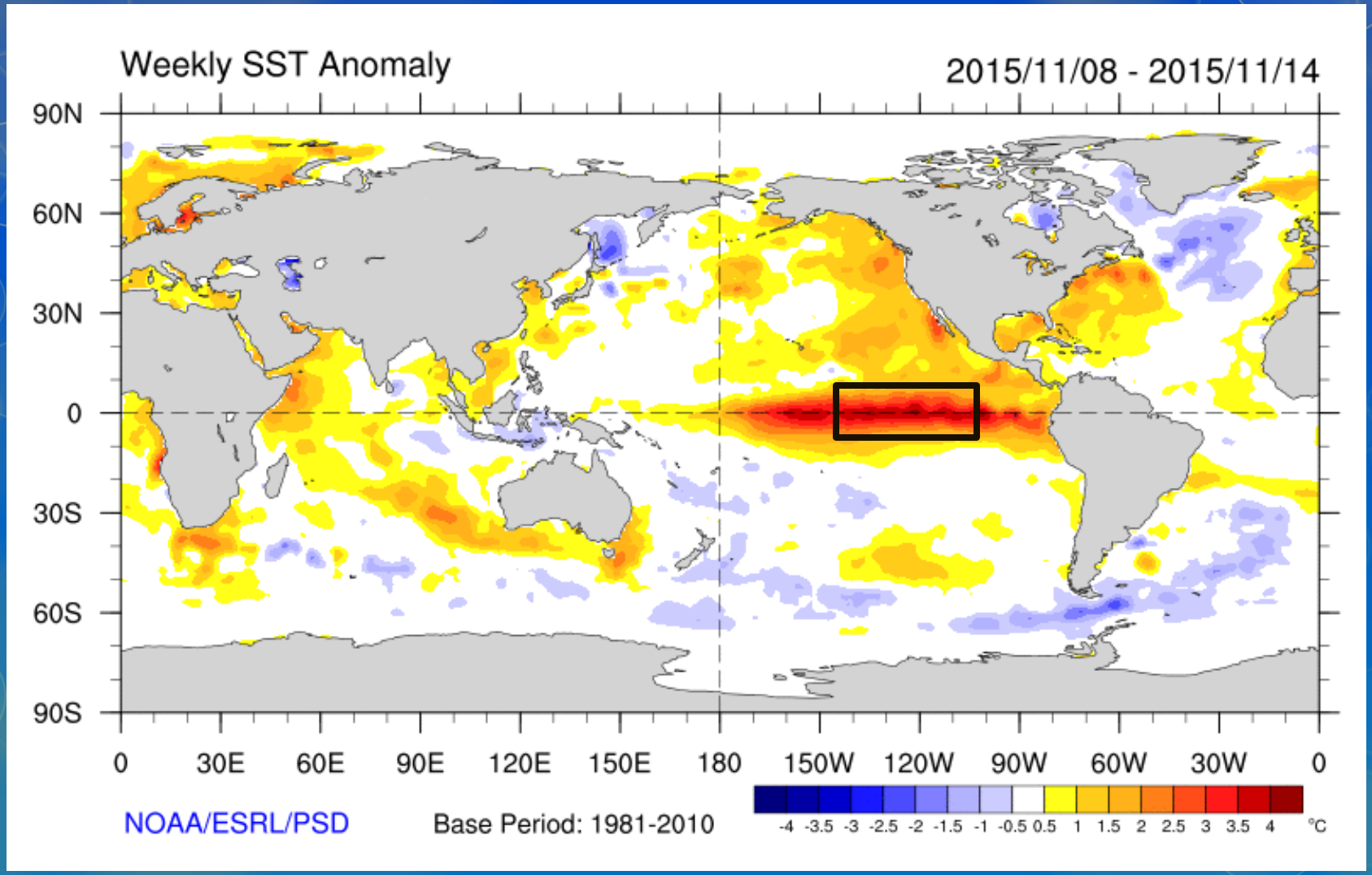
November 2015
El Niño Advisory in effect since March

- 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

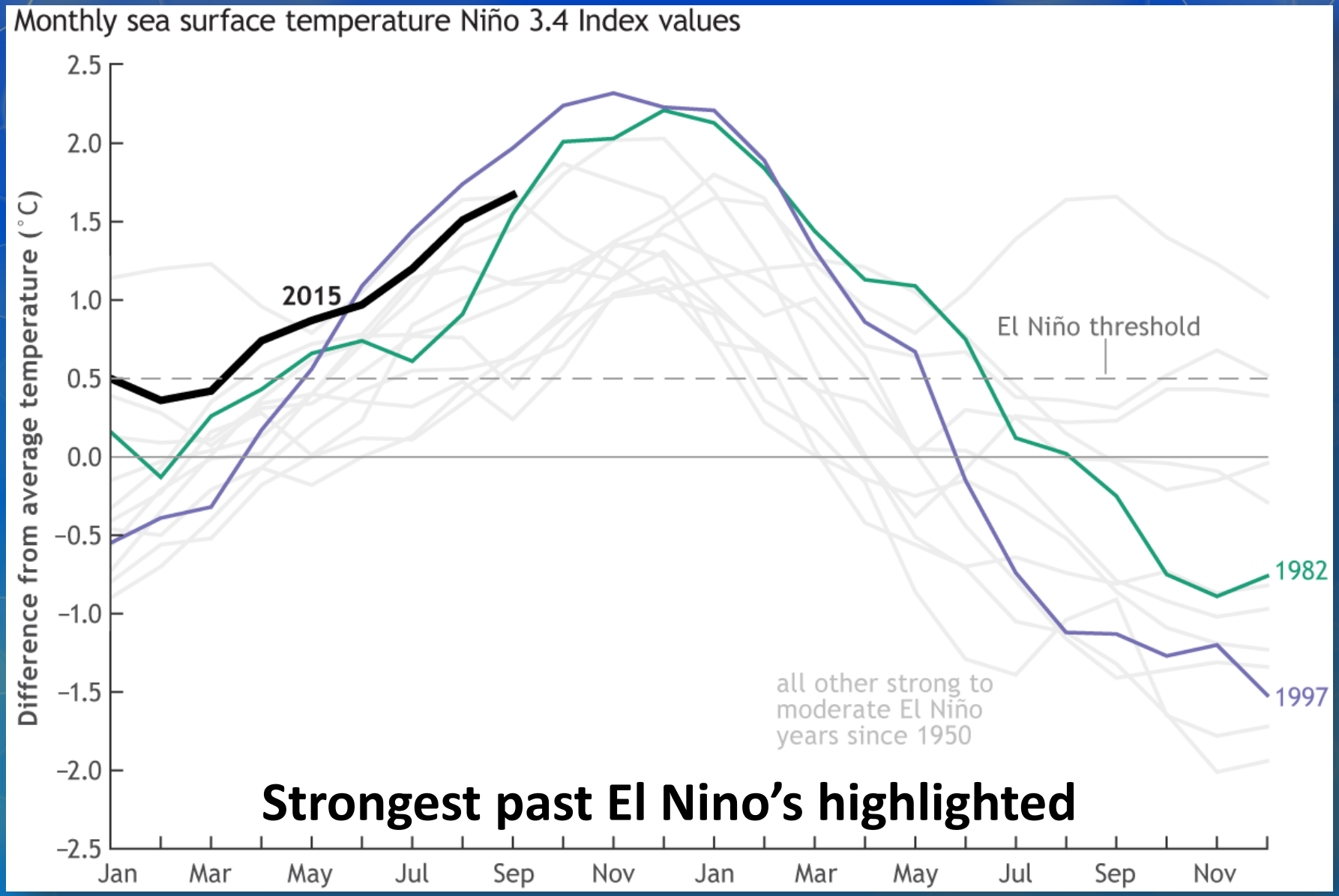
November Sea Surface Temperature Anomaly

Warmer water across the tropical Central & Eastern Pacific

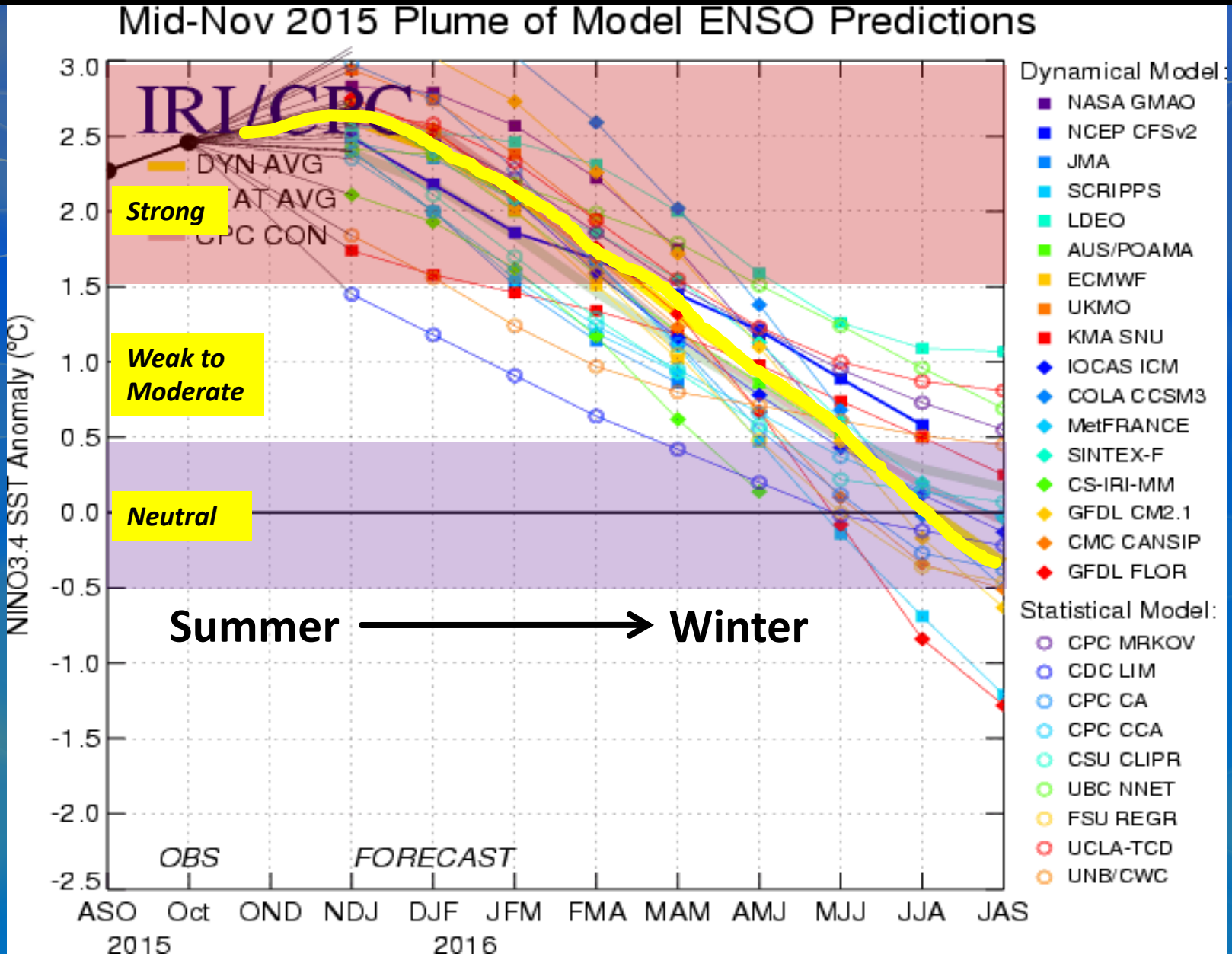


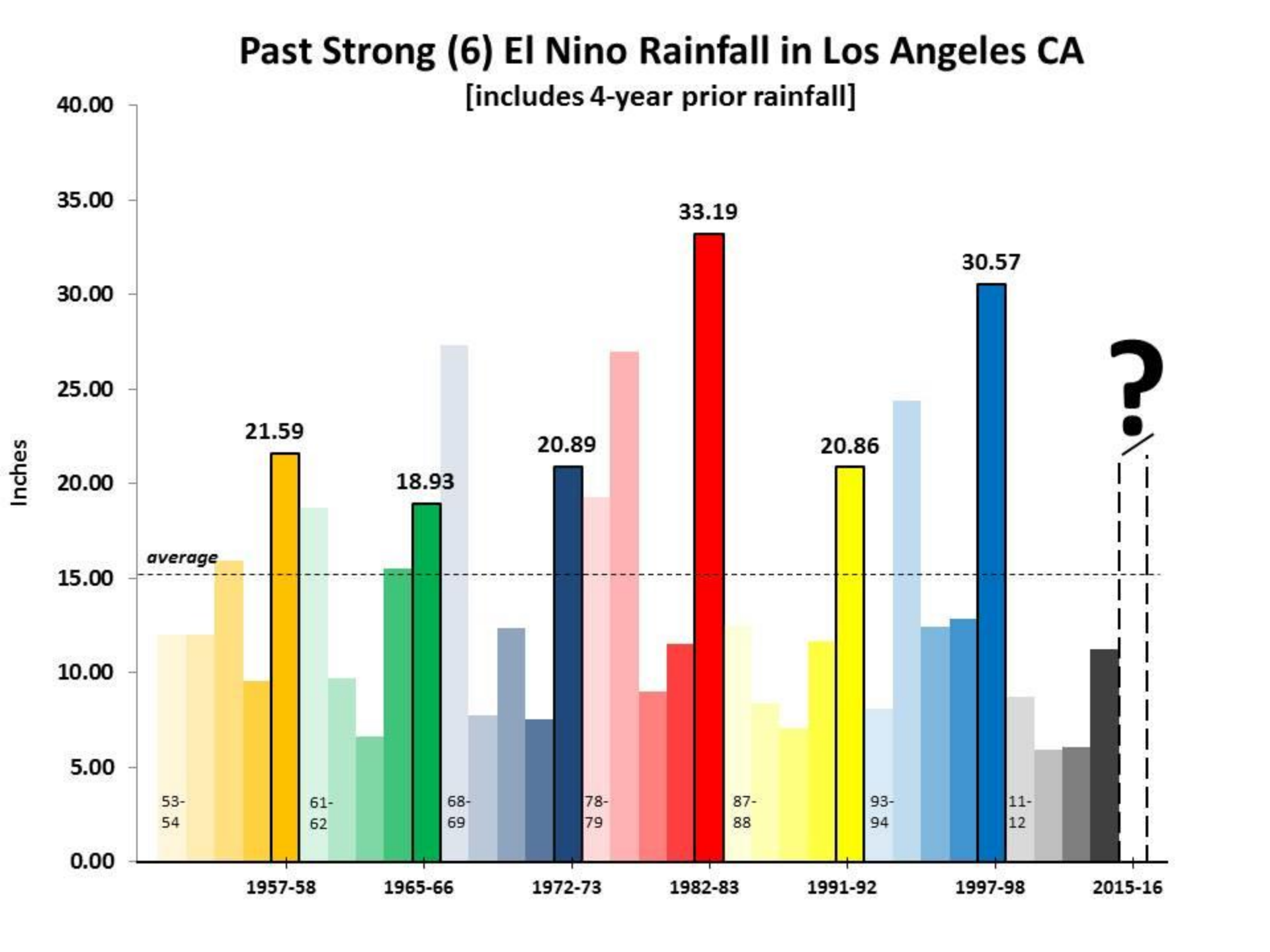
Black box represents ENSO Region 3.4 currently at +3.1°C

Where Does This El Niño Rank?



ENSO Model Predictions



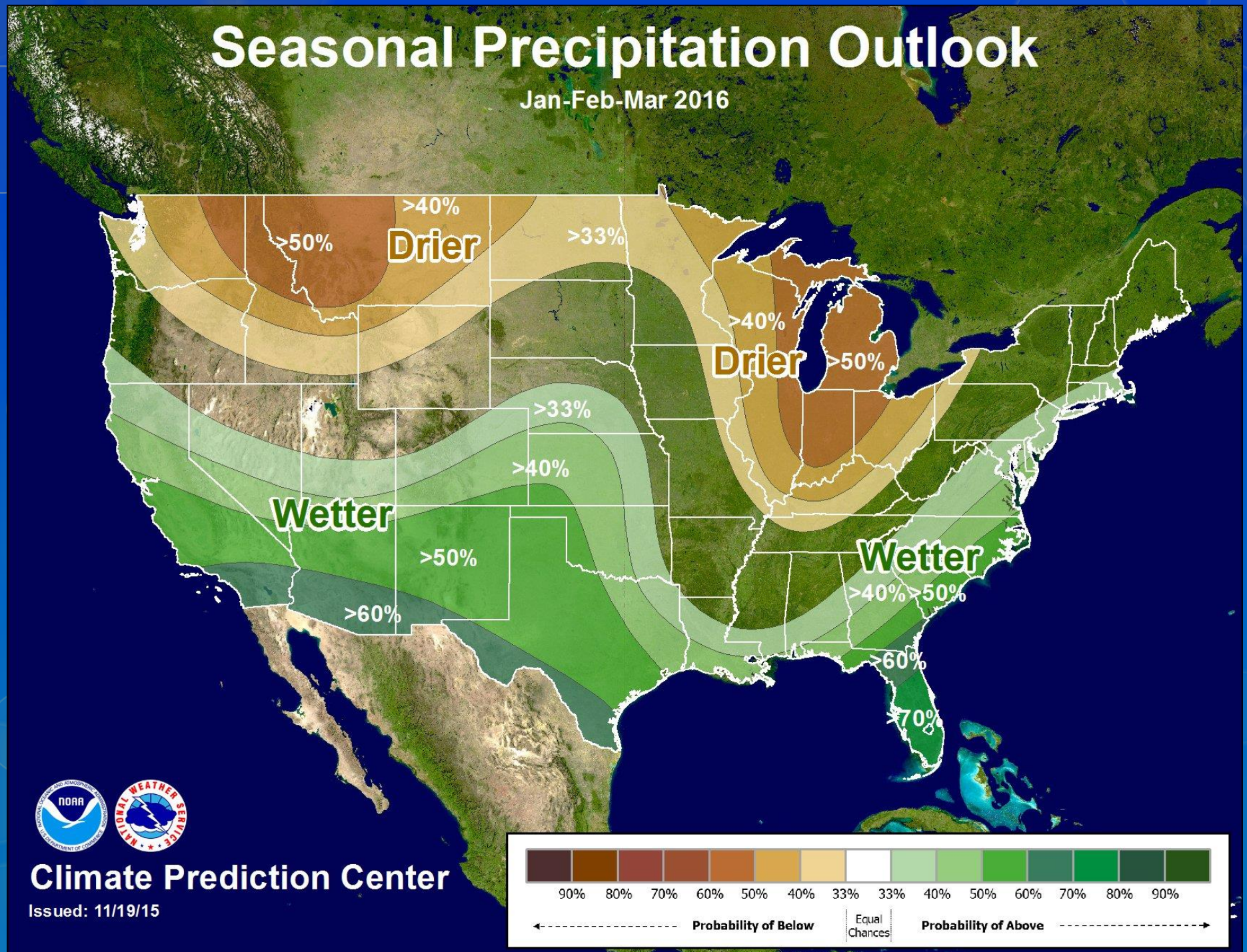

Past Strong (6) El Nino Rainfall in Los Angeles CA
[includes 4-year prior rainfall]
Inches
40.00
35.00
30.00
25.00
20.00
15.00
10.00
5.00
0.00
average
21.59
18.93
20.89
33.19
20.86
30.57
?
53-54
61-62
68-69
78-79
87-88
93-94
11-12
1957-58
1965-66
1972-73
1982-83
1991-92
1997-98
2015-16

Strong El Niño Precip Results

PRISM, Oregon State University

Seasonal Precipitation Outlook

Jan-Feb-Mar 2016

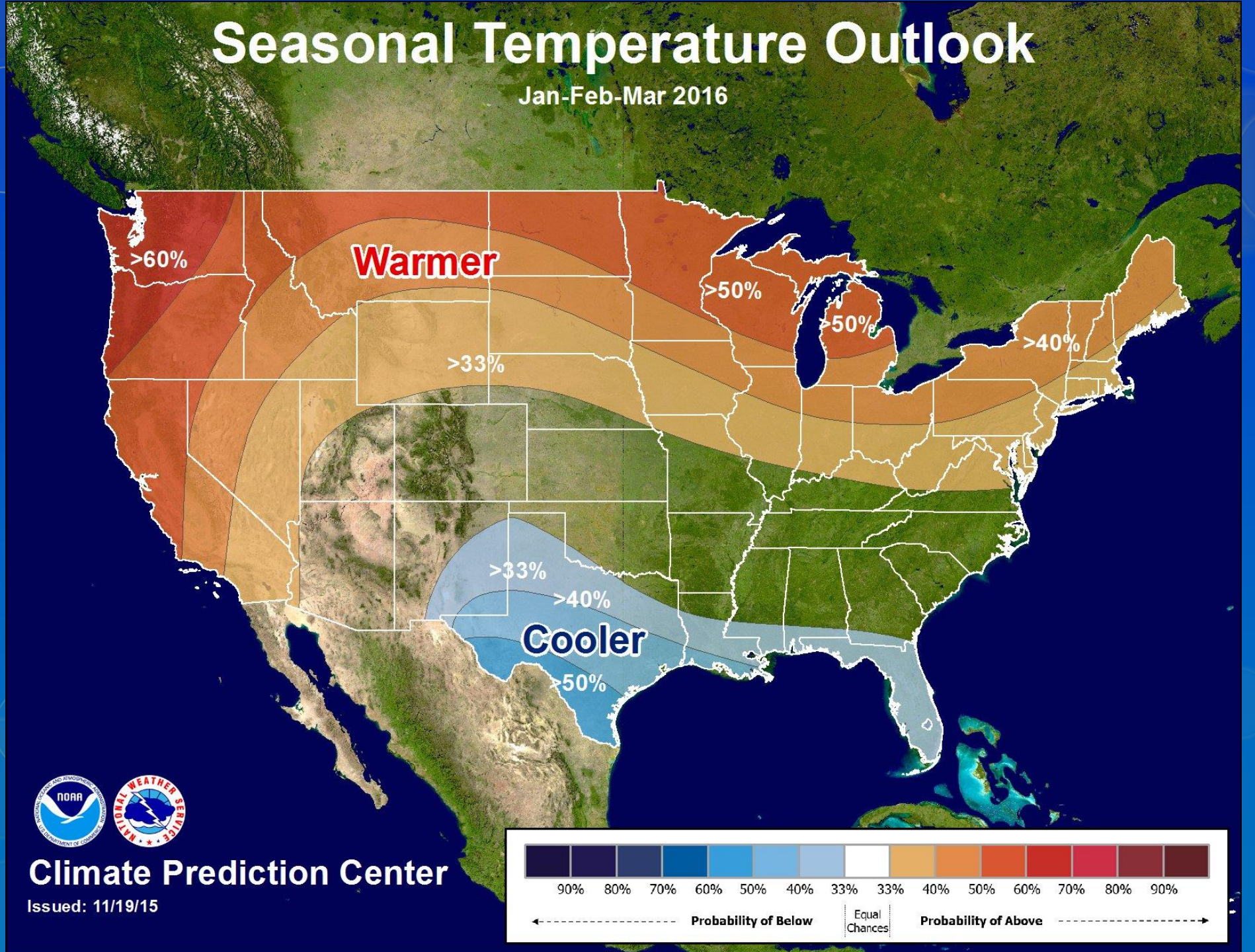


Climate Prediction Center

Issued: 11/19/15

Seasonal Temperature Outlook

Jan-Feb-Mar 2016



NOAA

NATIONAL WEATHER SERVICE

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)

Potential Winter Impacts

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

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 NWSLosAngeles NWSLosAngeles