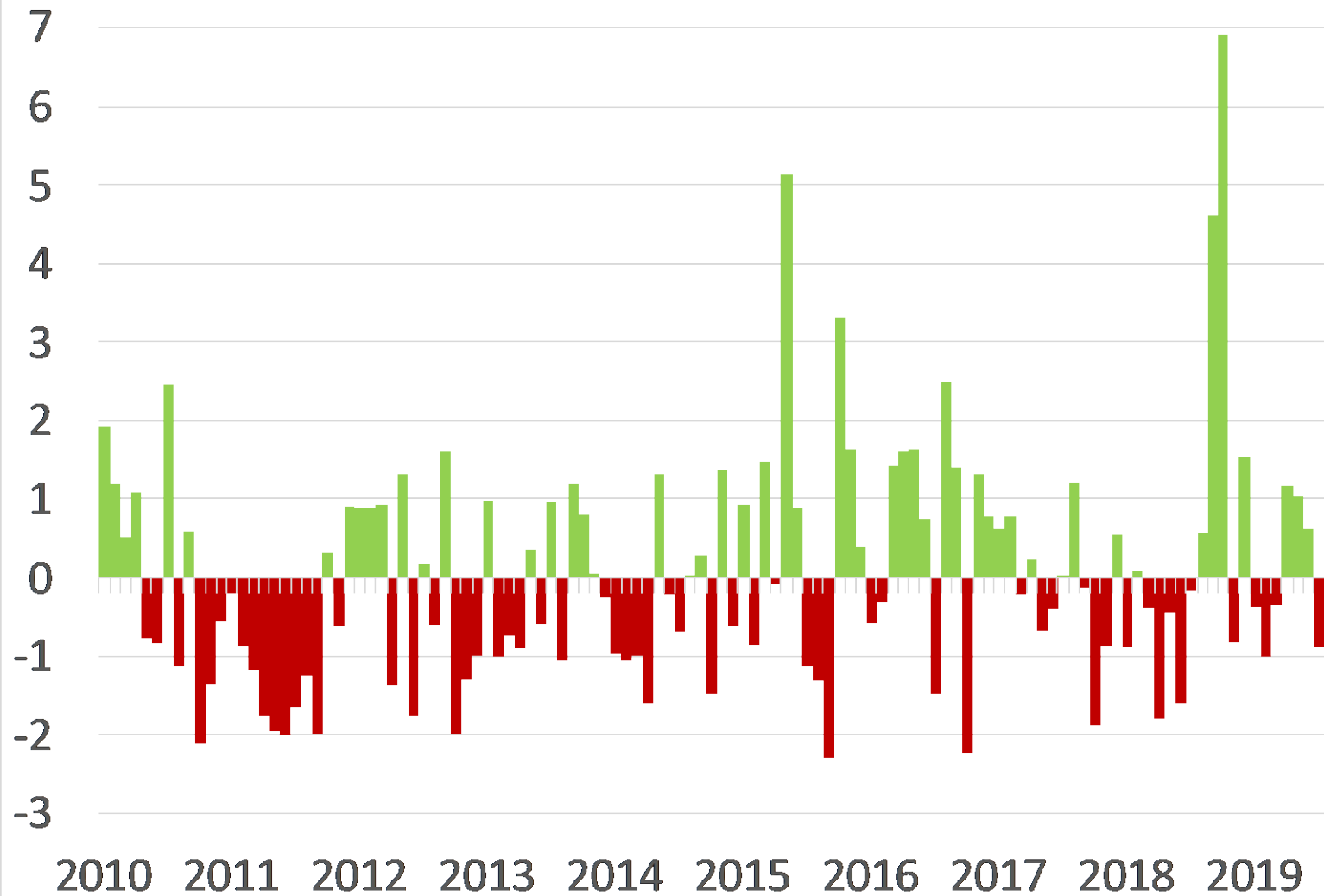


Central Texas Weather Past and Future

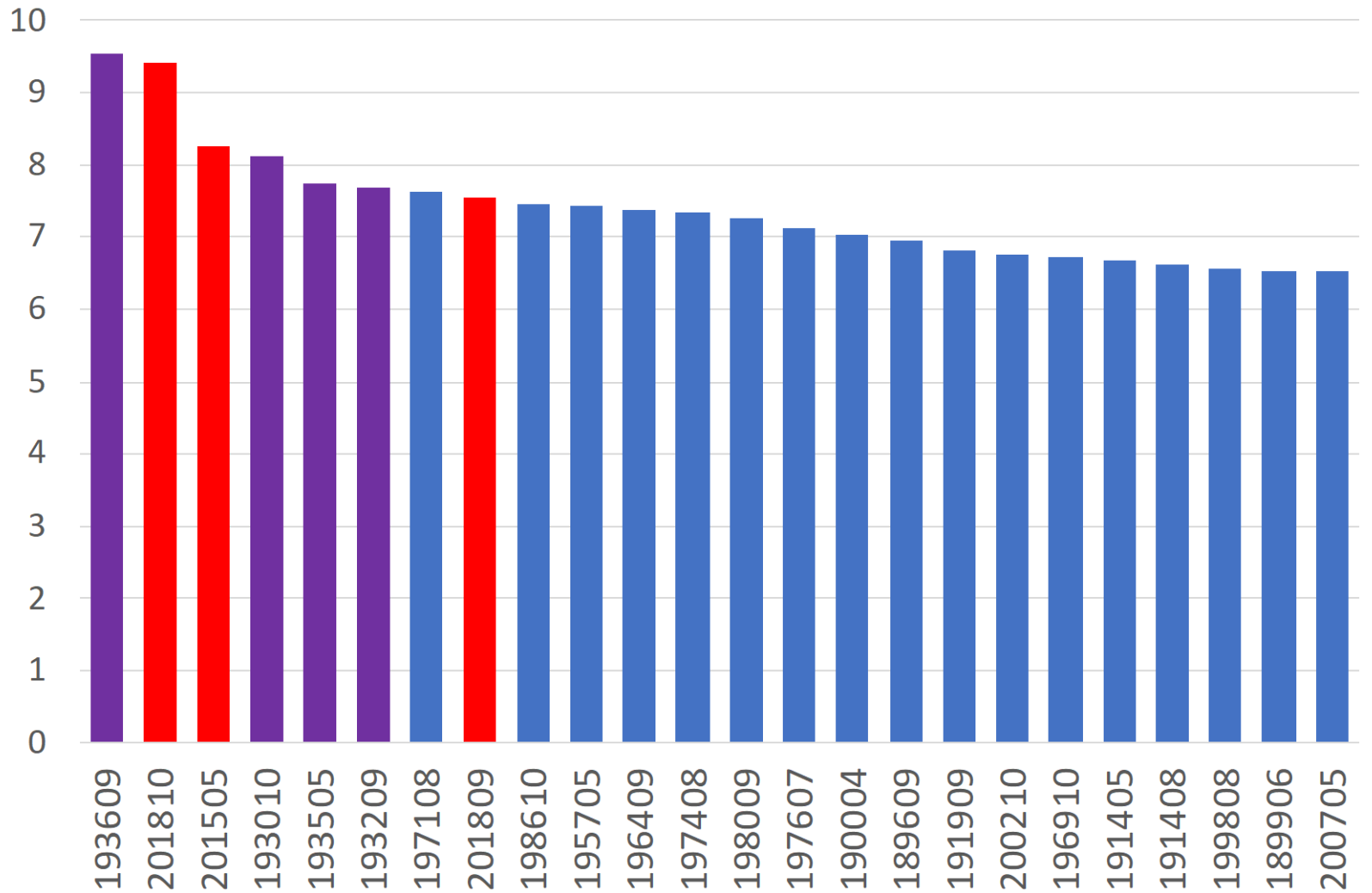
John Nielsen-Gammon

Texas A&M University

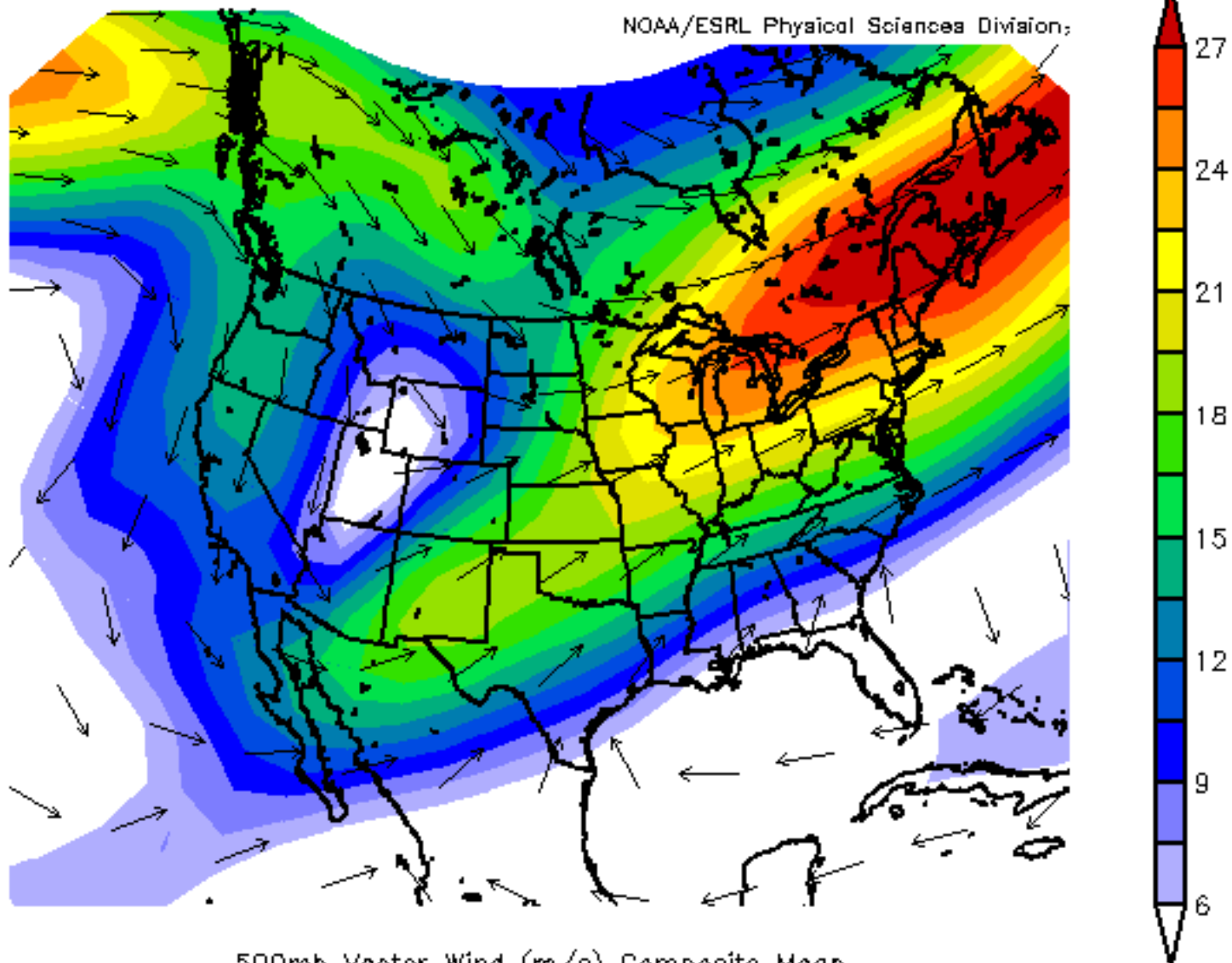
Edwards Plateau Precipitation Anomalies



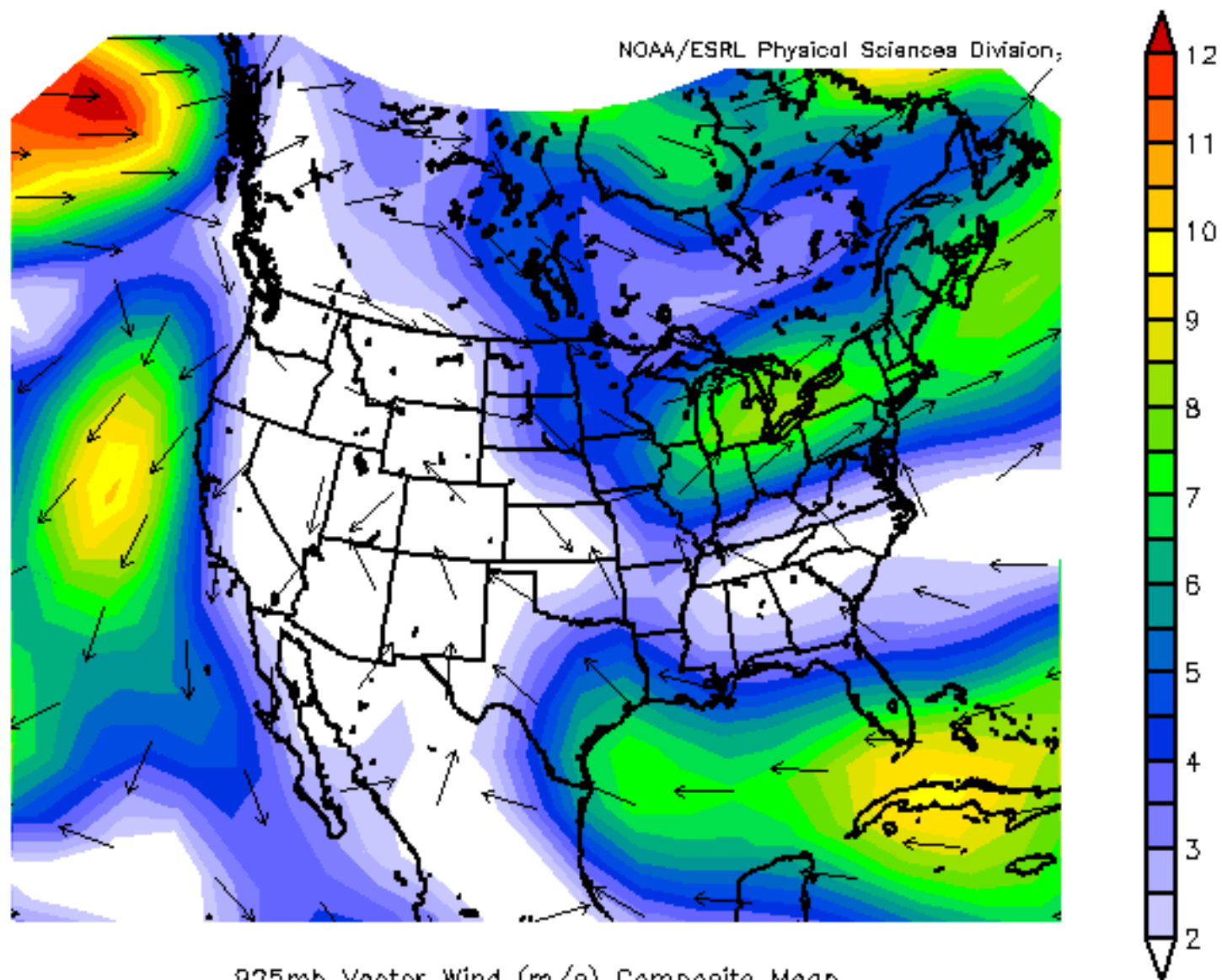
Wettest Months

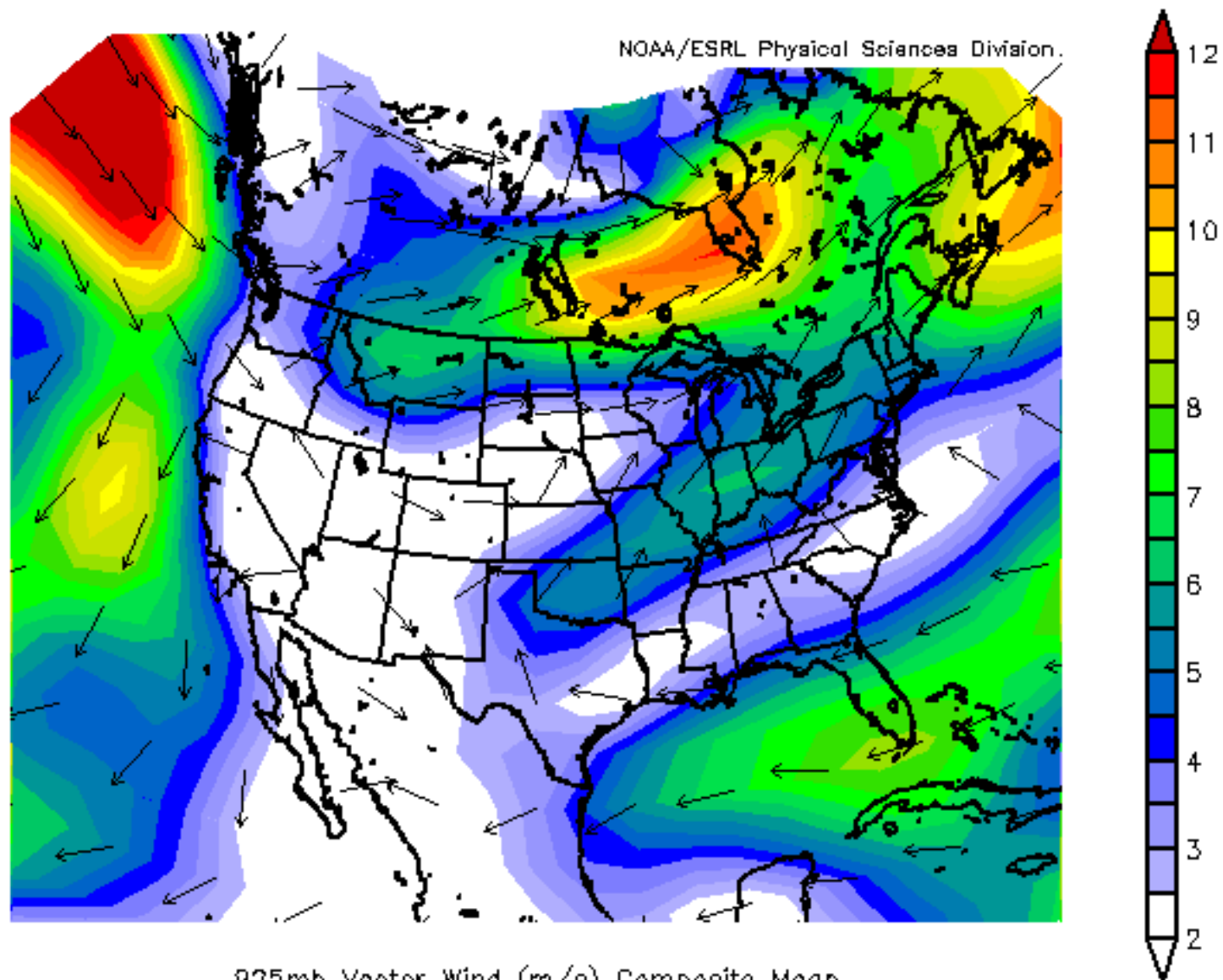


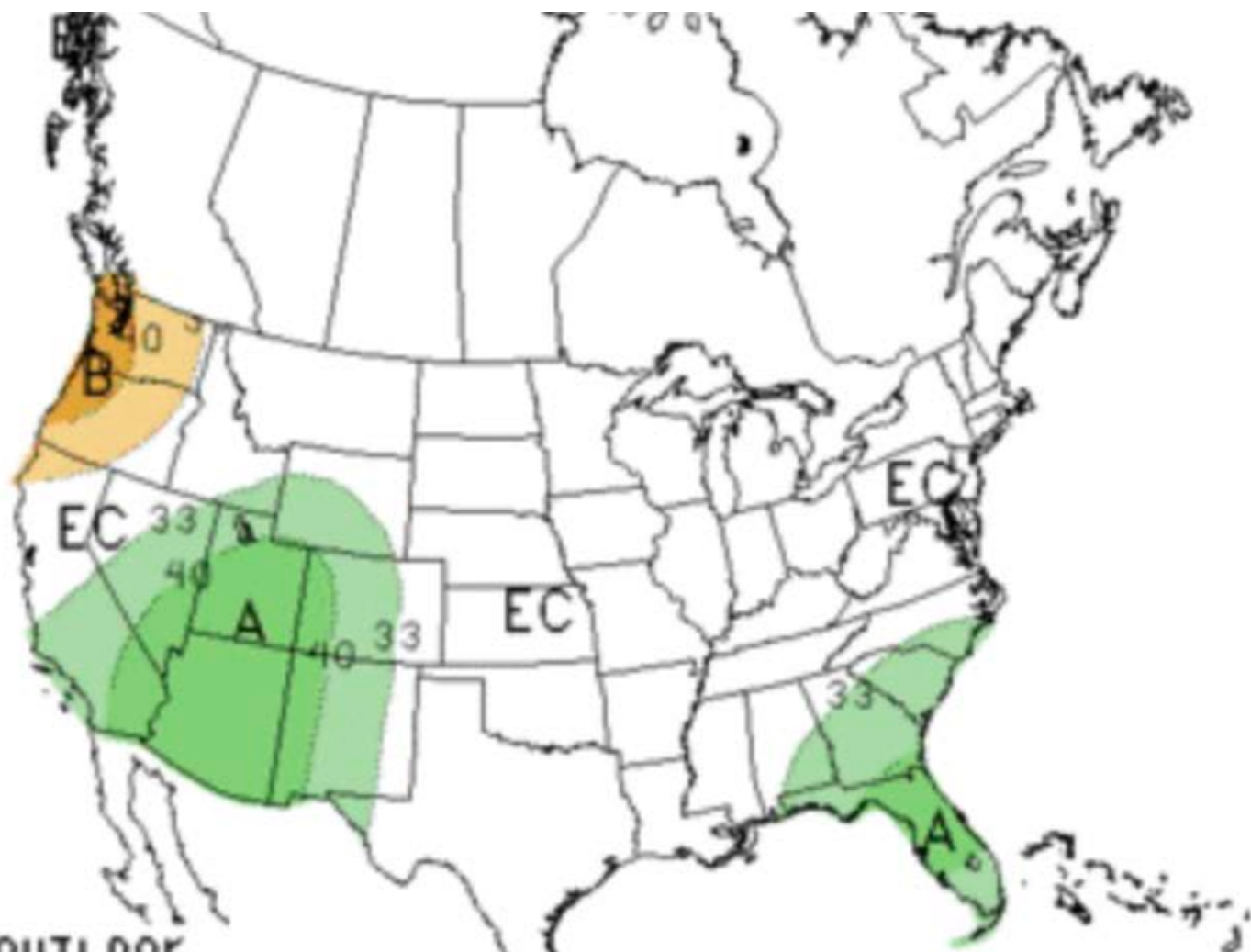
NOAA/ESRL Physical Sciences Division;



500mb Vector Wind (m/s) Composite Mean
10/5/18 to 10/19/18
NCEP/NCAR Reanalysis



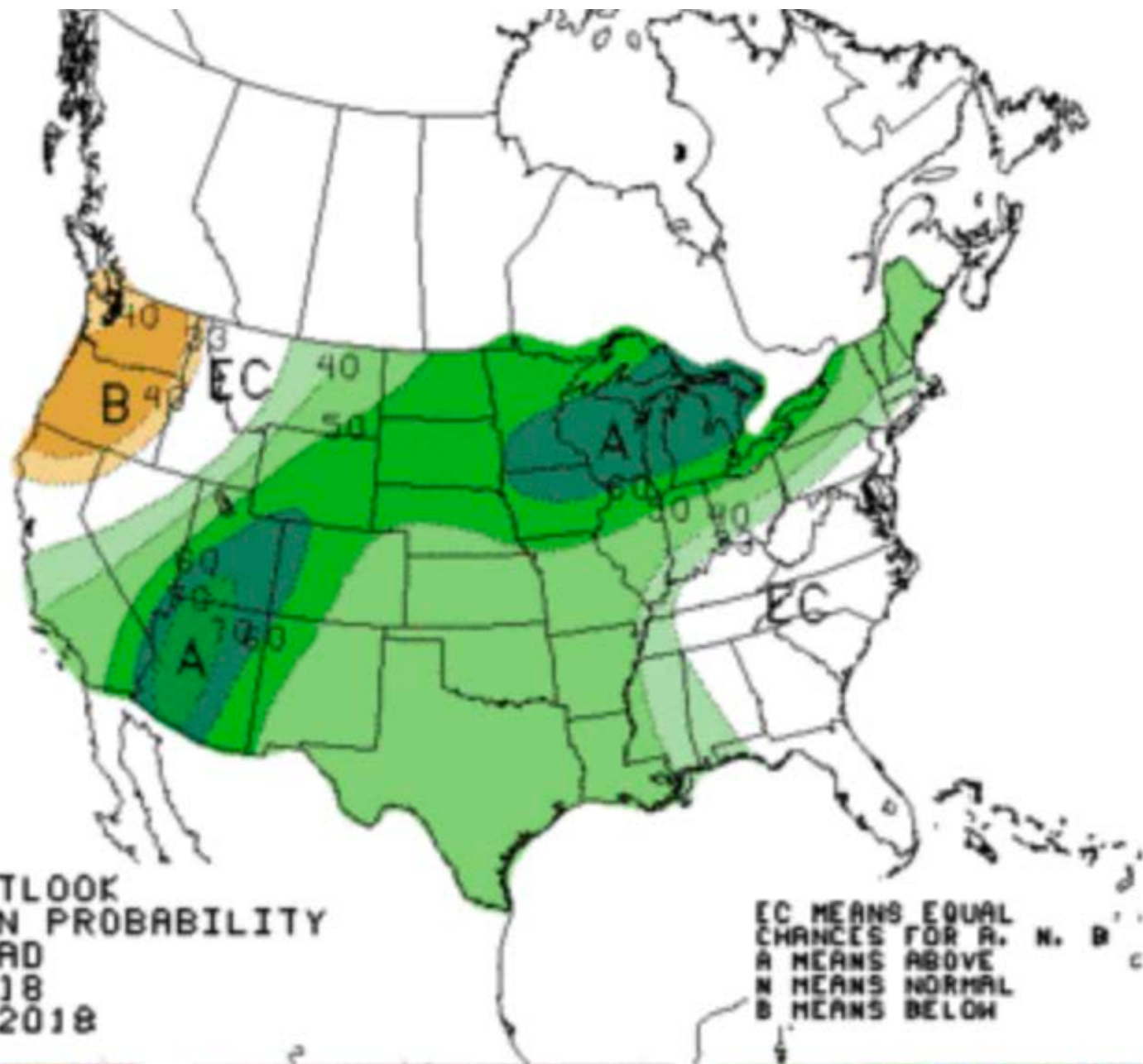




THREE-MONTH OUTLOOK
 PRECIPITATION PROBABILITY
 0.5 MONTH LEAD
 VALID SON 2018
 MADE 16 AUG 2018

EC MEANS EQUAL
 CHANCES FOR A, N, B
 A MEANS ABOVE
 N MEANS NORMAL
 B MEANS BELOW



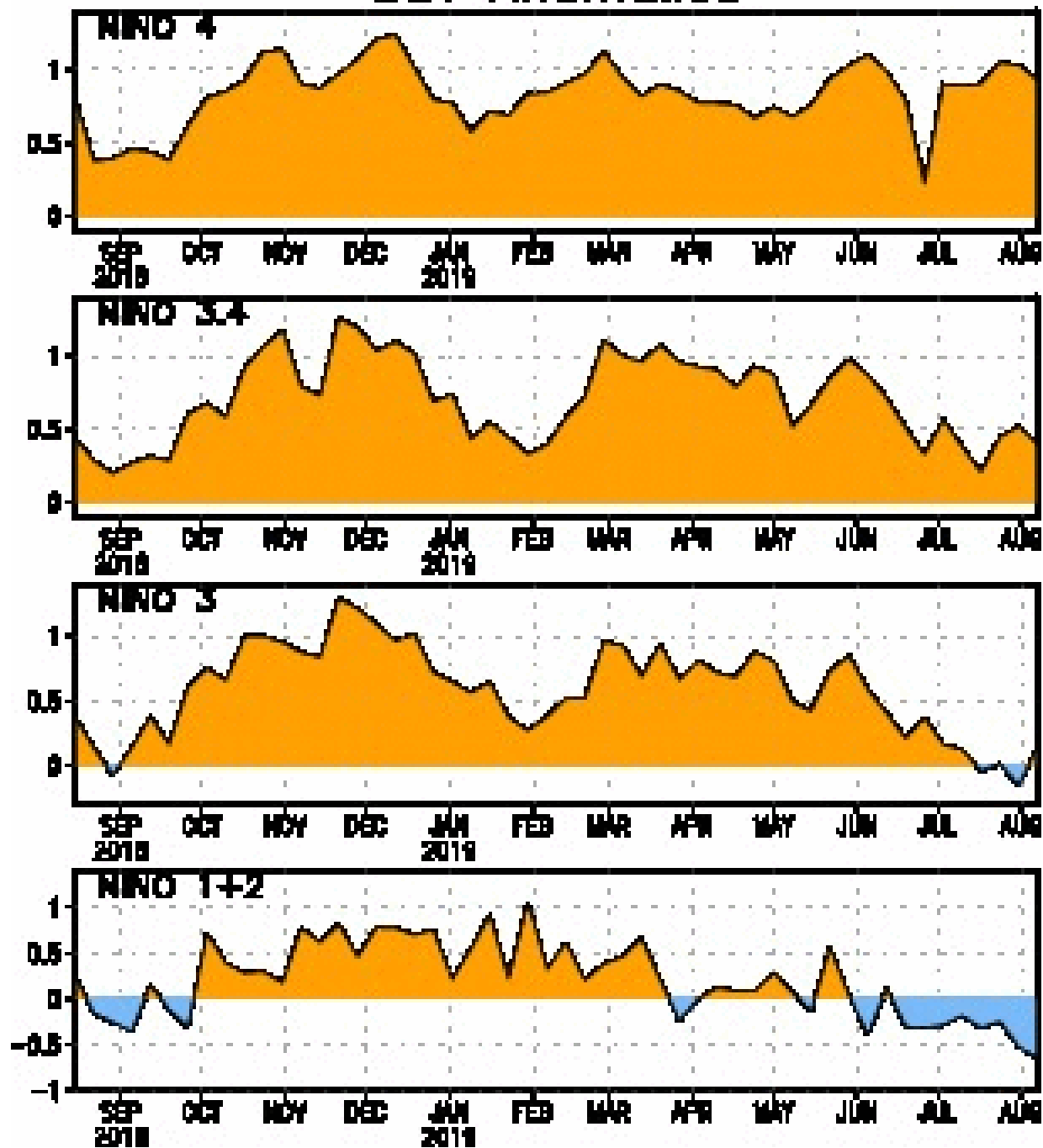


ONE-MONTH OUTLOOK
 PRECIPITATION PROBABILITY
 0.0 MONTH LEAD
 VALID OCT 2018
 MADE 30 SEP 2018

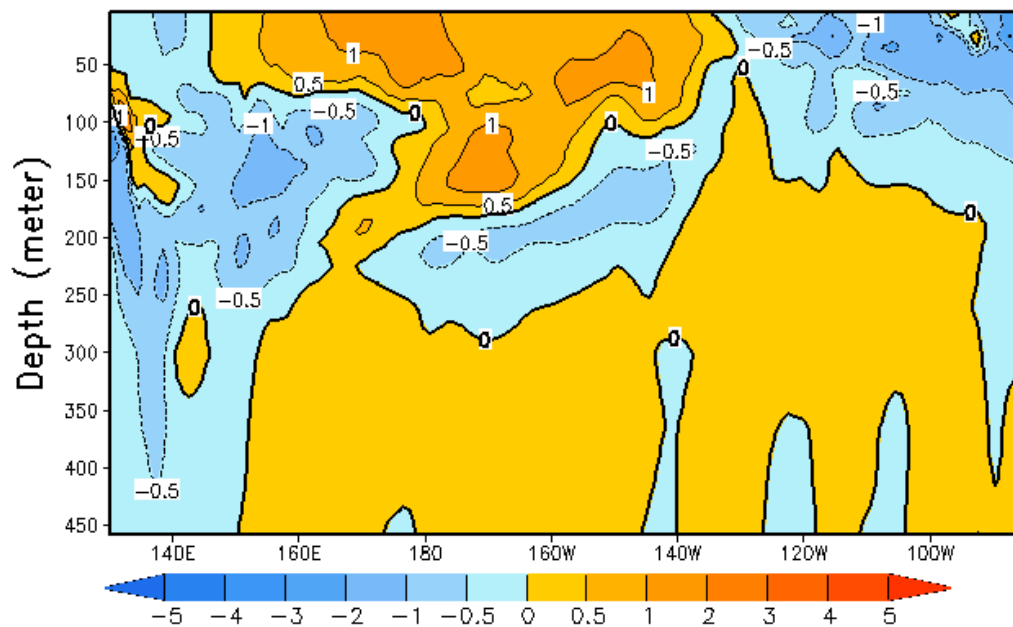
EC MEANS EQUAL
 CHANCES FOR A, N, B
 A MEANS ABOVE
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 B MEANS BELOW



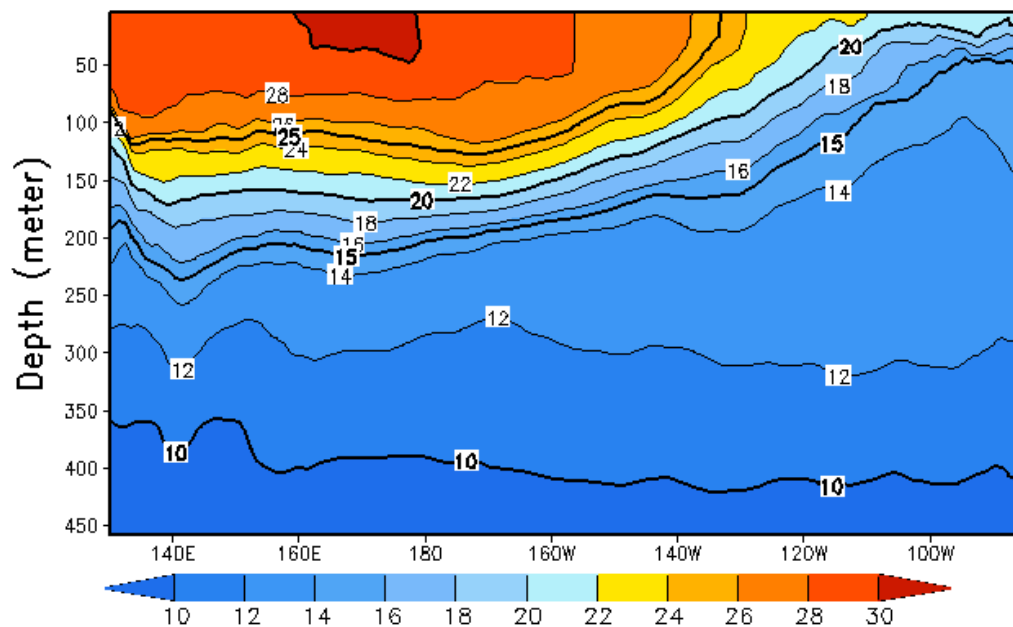
SST Anomalies

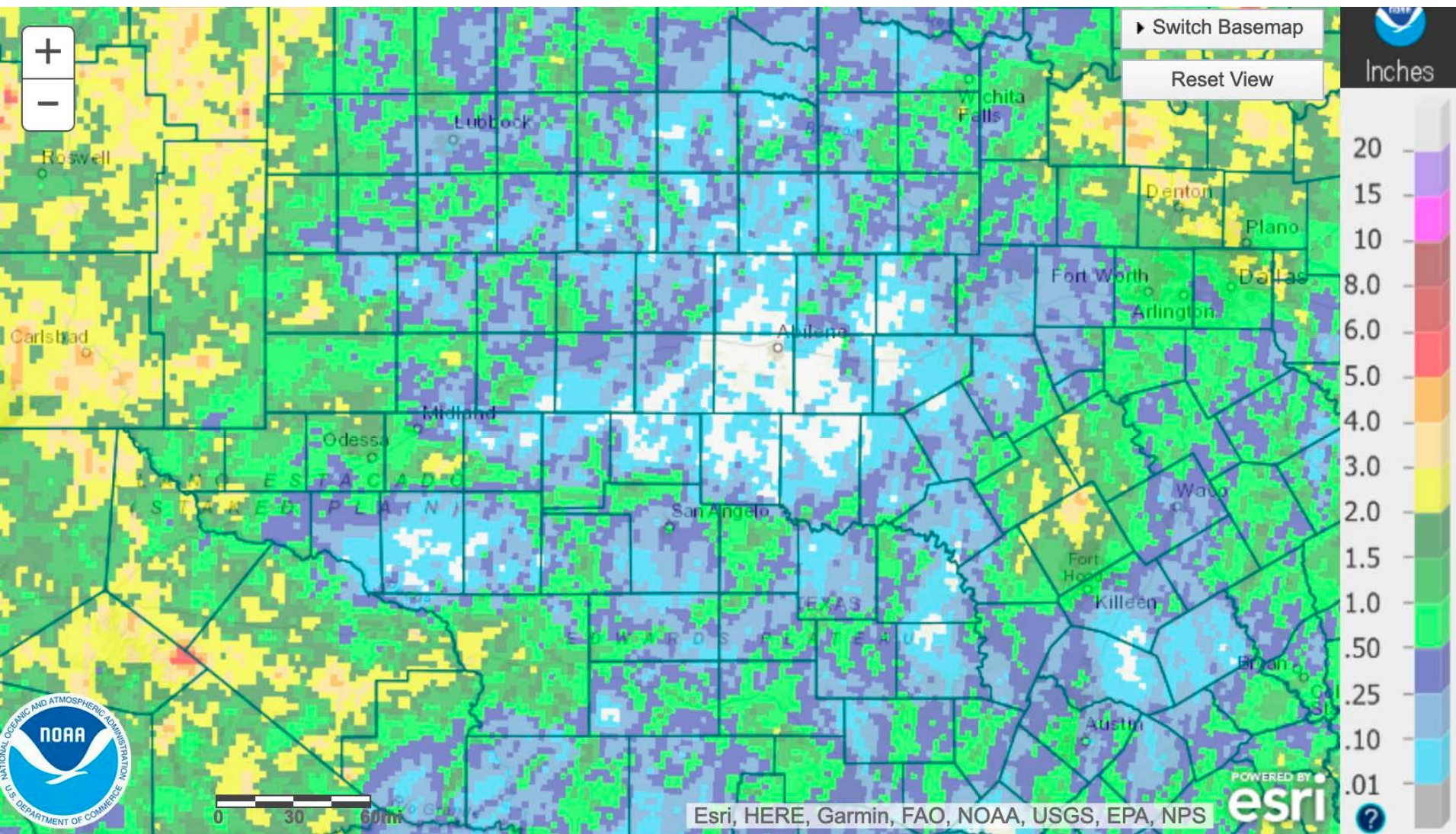


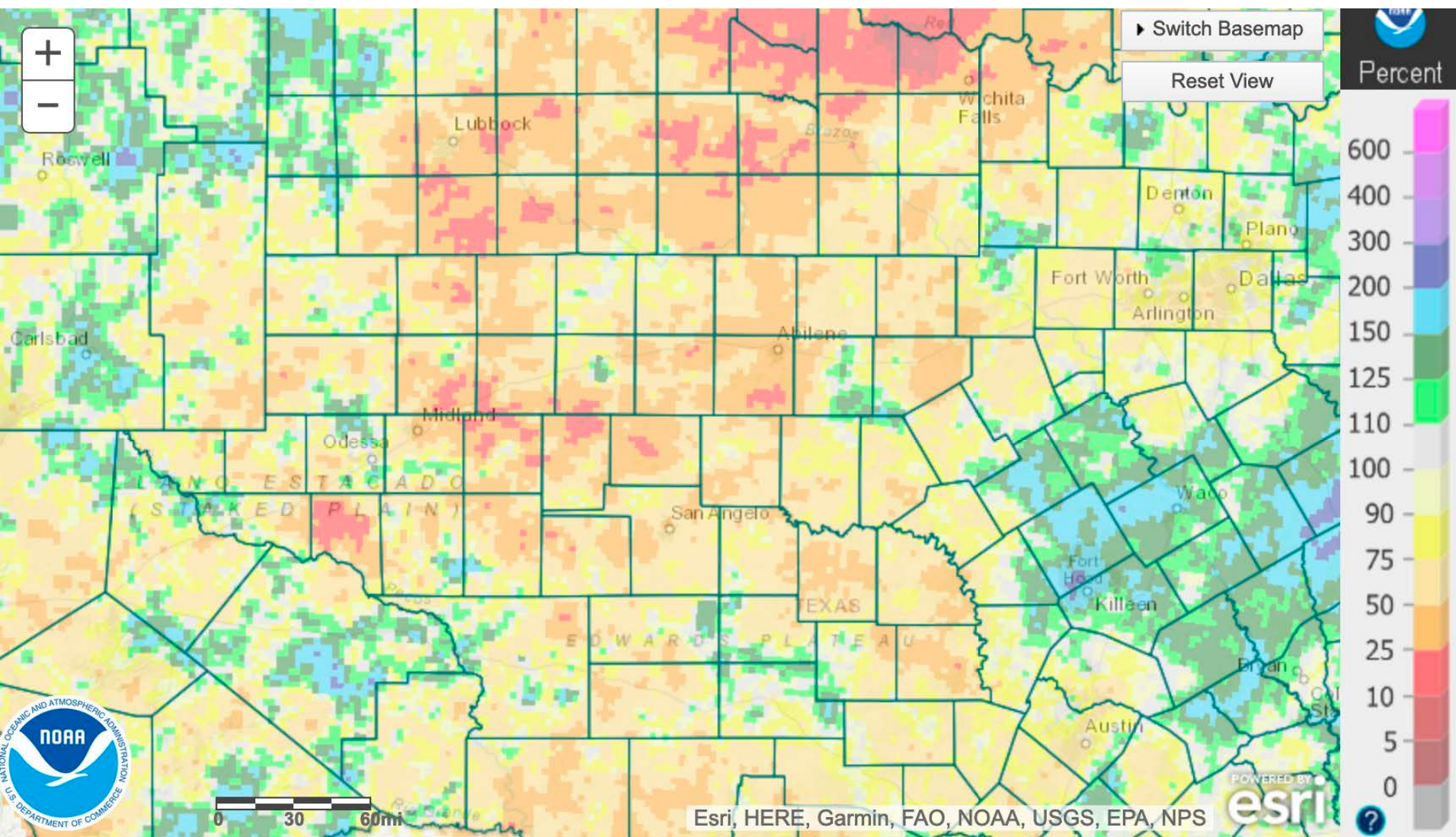
Equatorial T Penatd Anomaly ($^{\circ}\text{C}$), Aug 11 2019

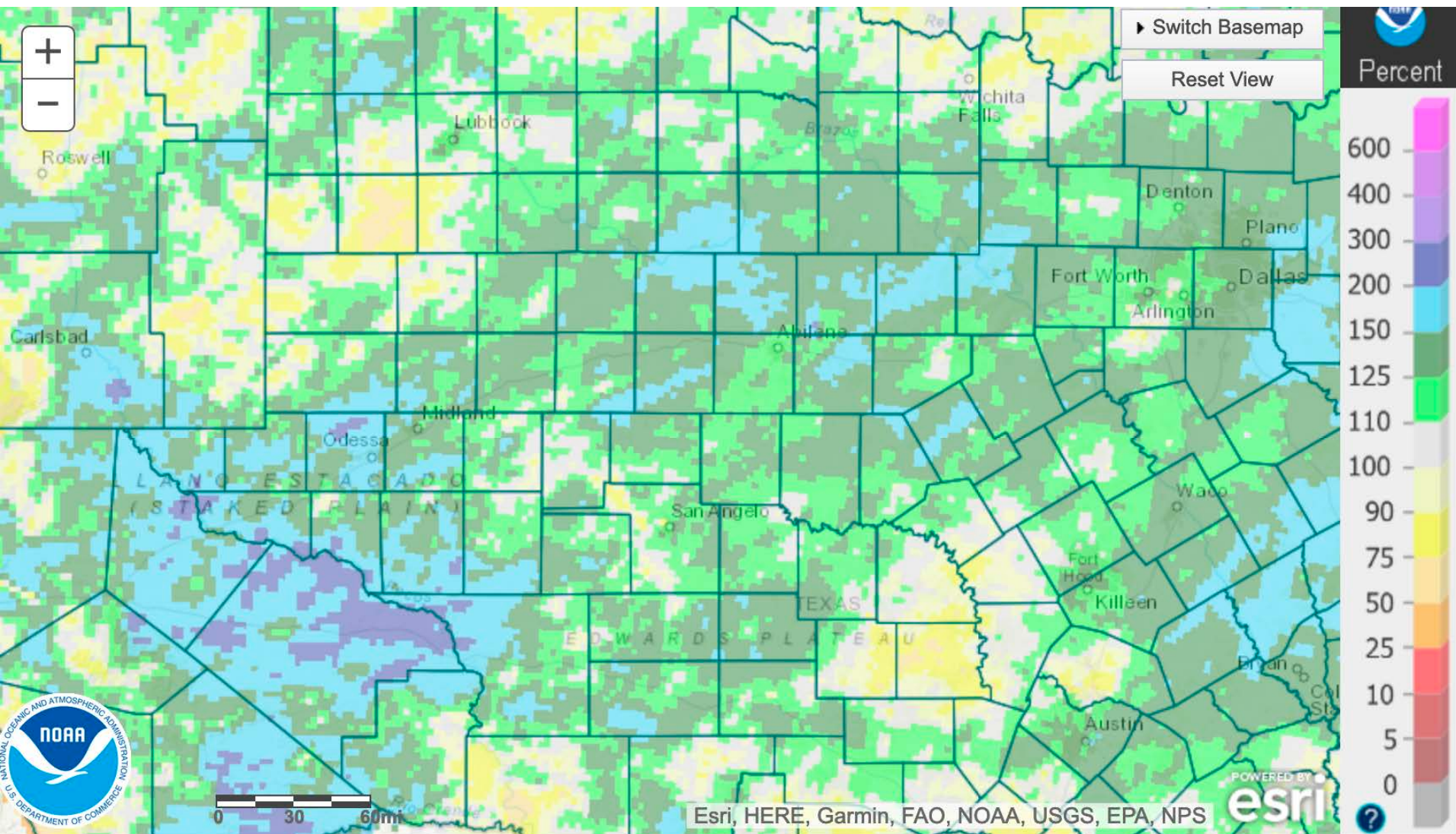


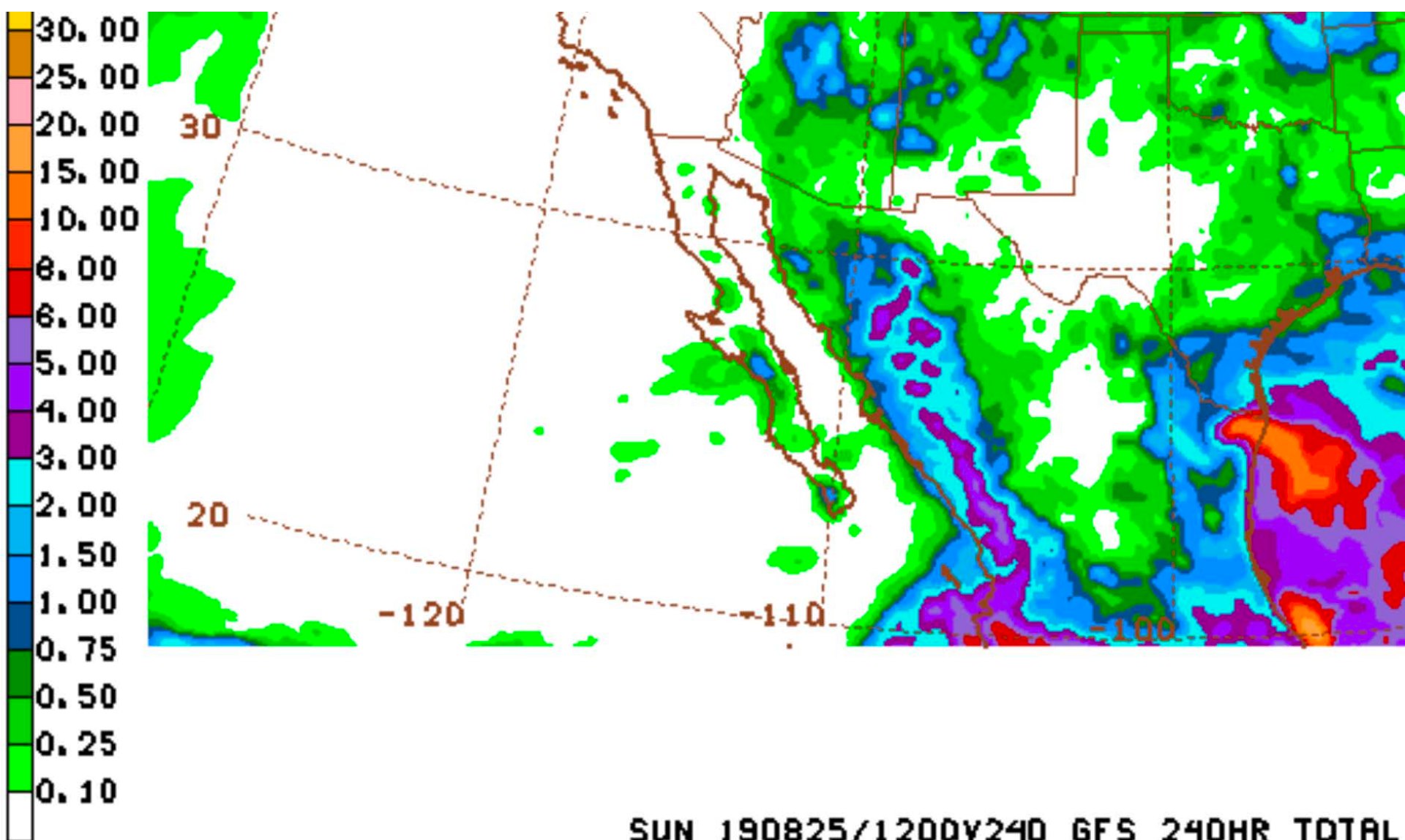
Equatorial T Penatd Mean ($^{\circ}\text{C}$), Aug 11 2019

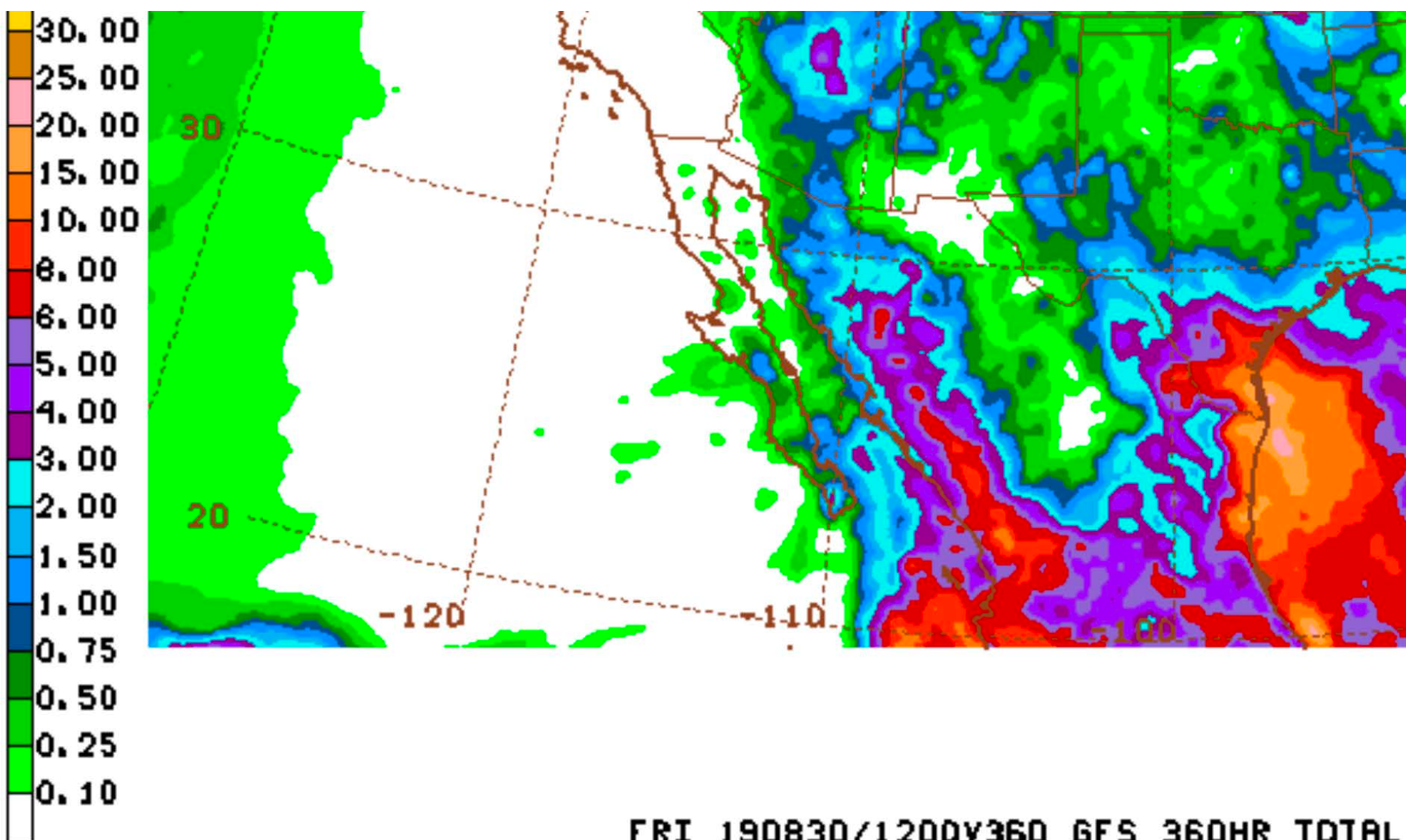




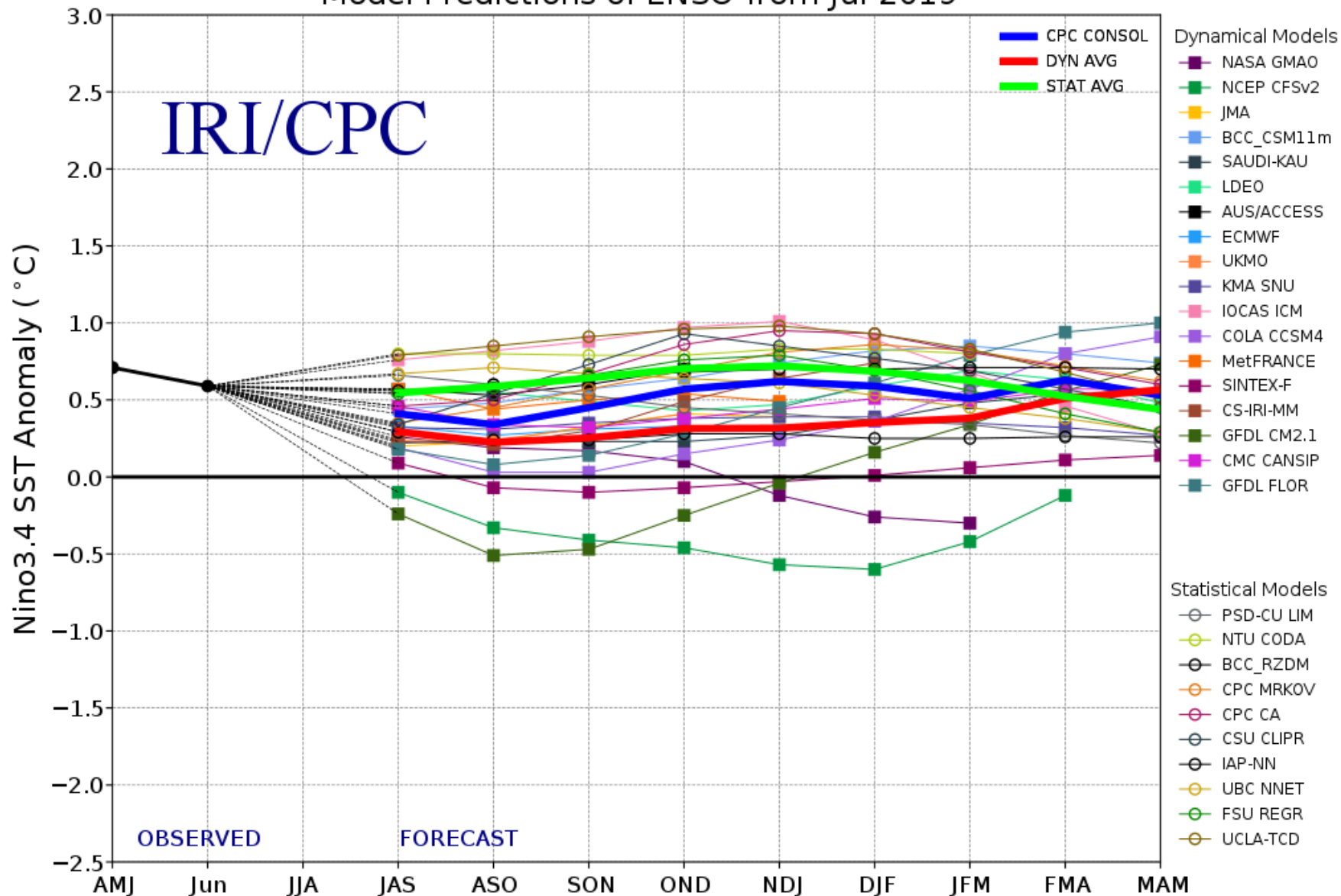




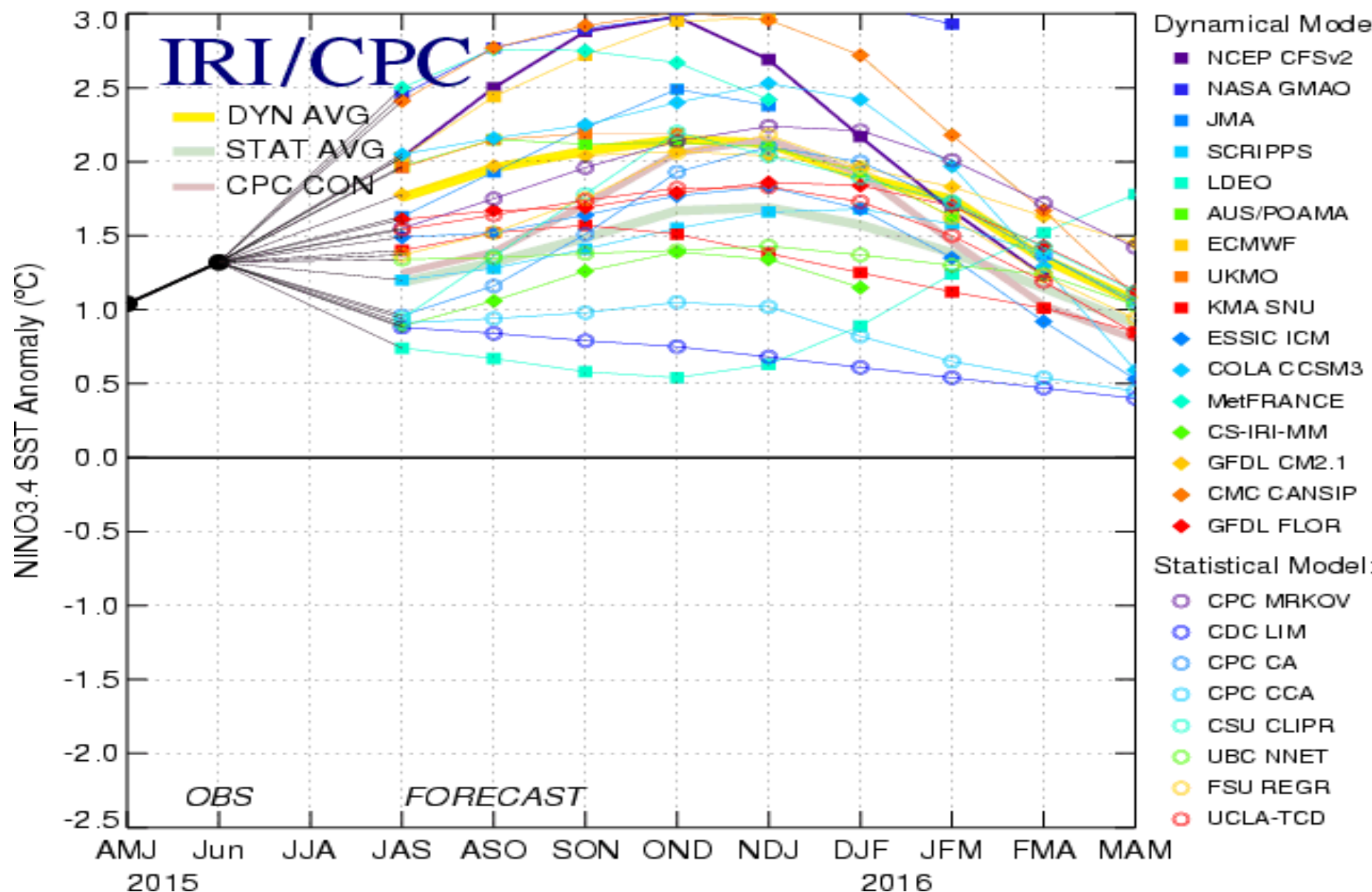




Model Predictions of ENSO from Jul 2019

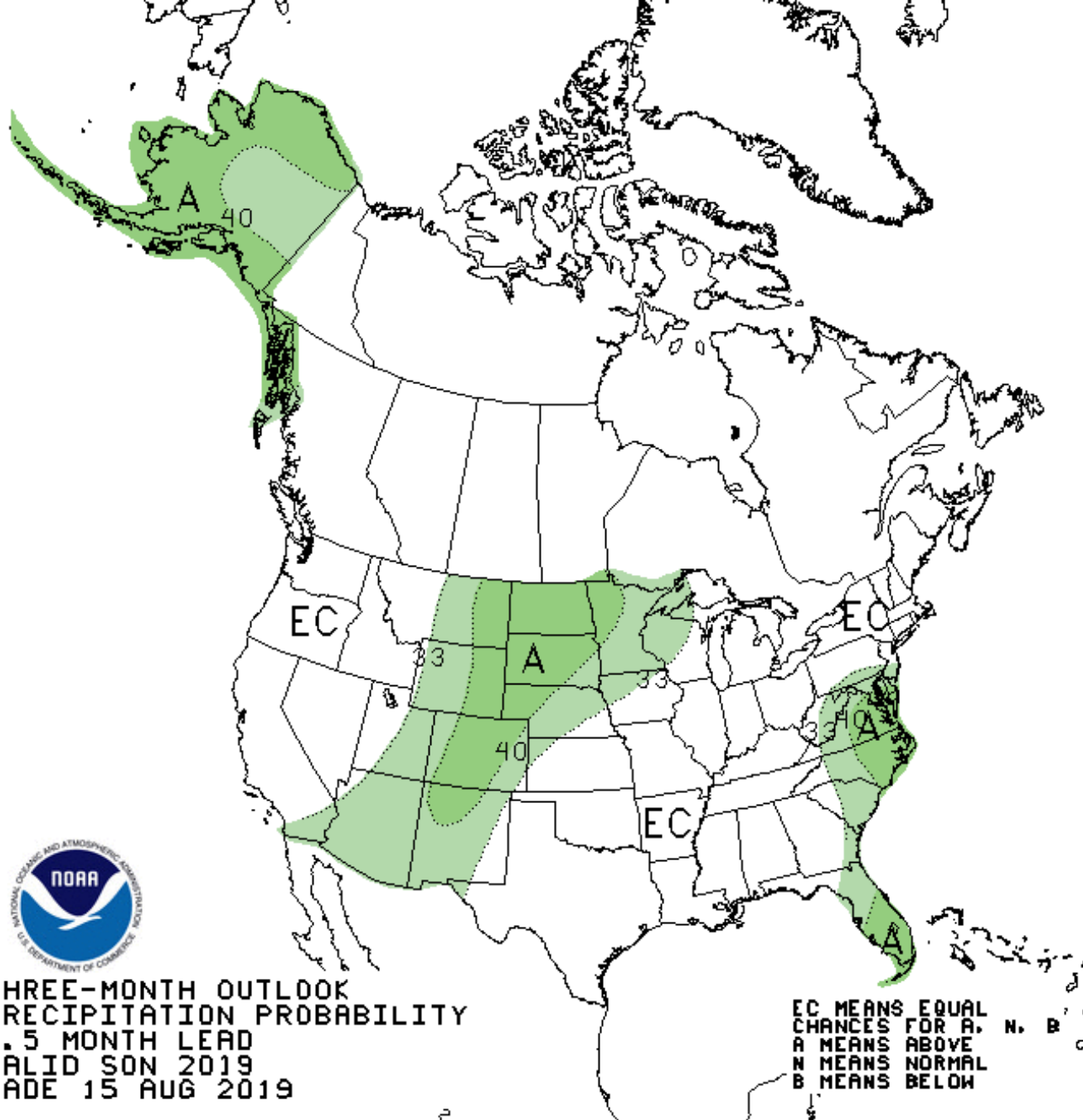
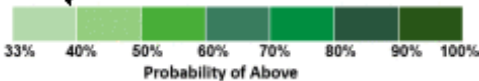
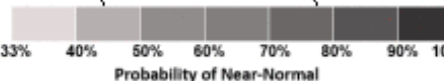
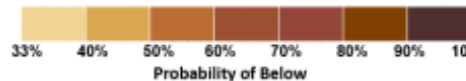


Mid-Jul 2015 Plume of Model ENSO Predictions





THREE-MONTH OUTLOOK
PRECIPITATION PROBABILITY
0.5 MONTH LEAD
VALID SON 2019
MADE 15 AUG 2019

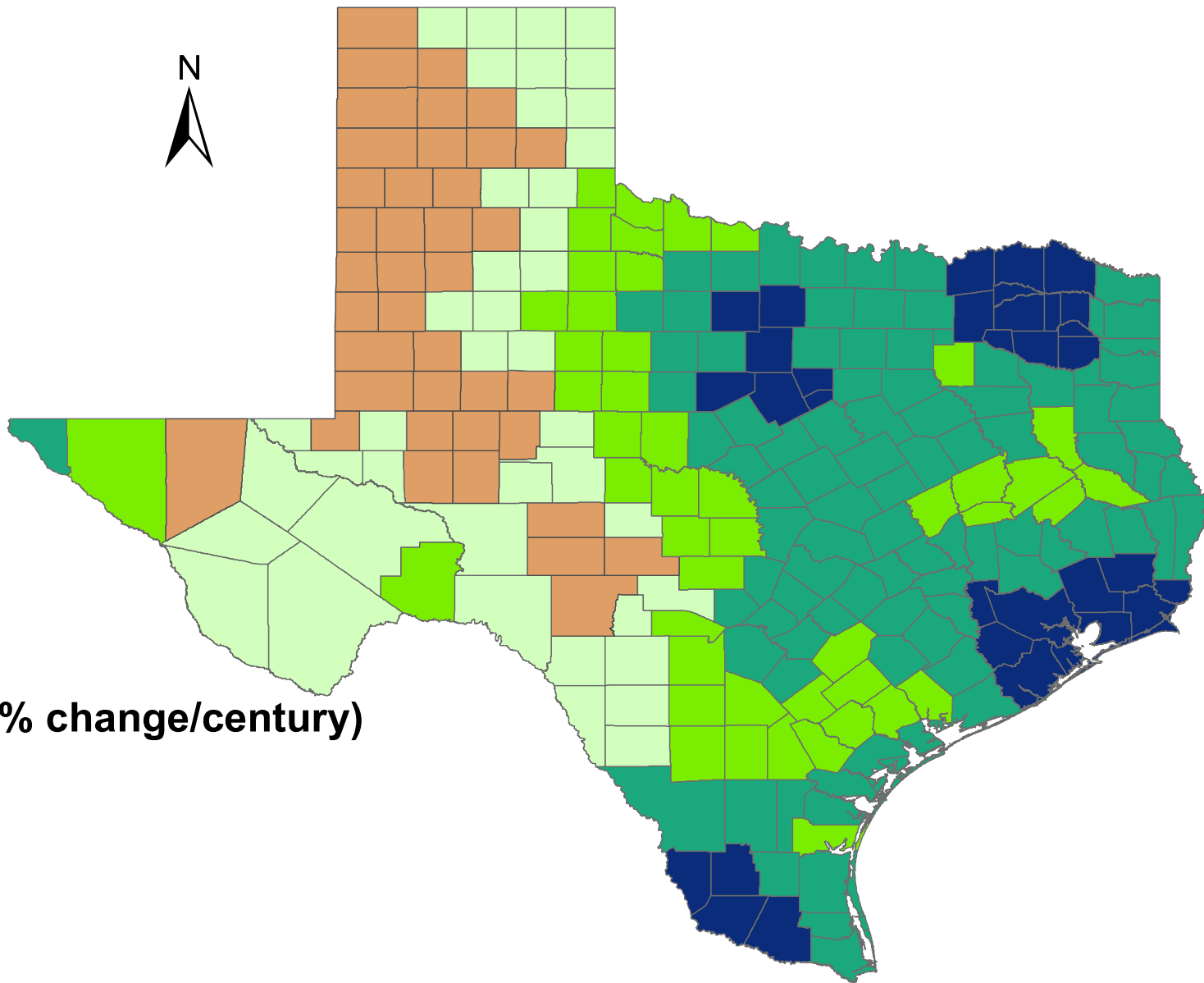
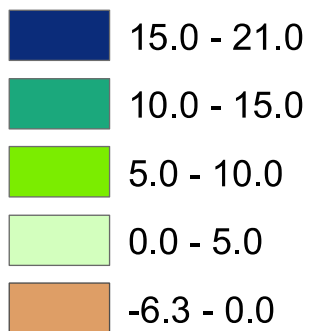


EC MEANS EQUAL
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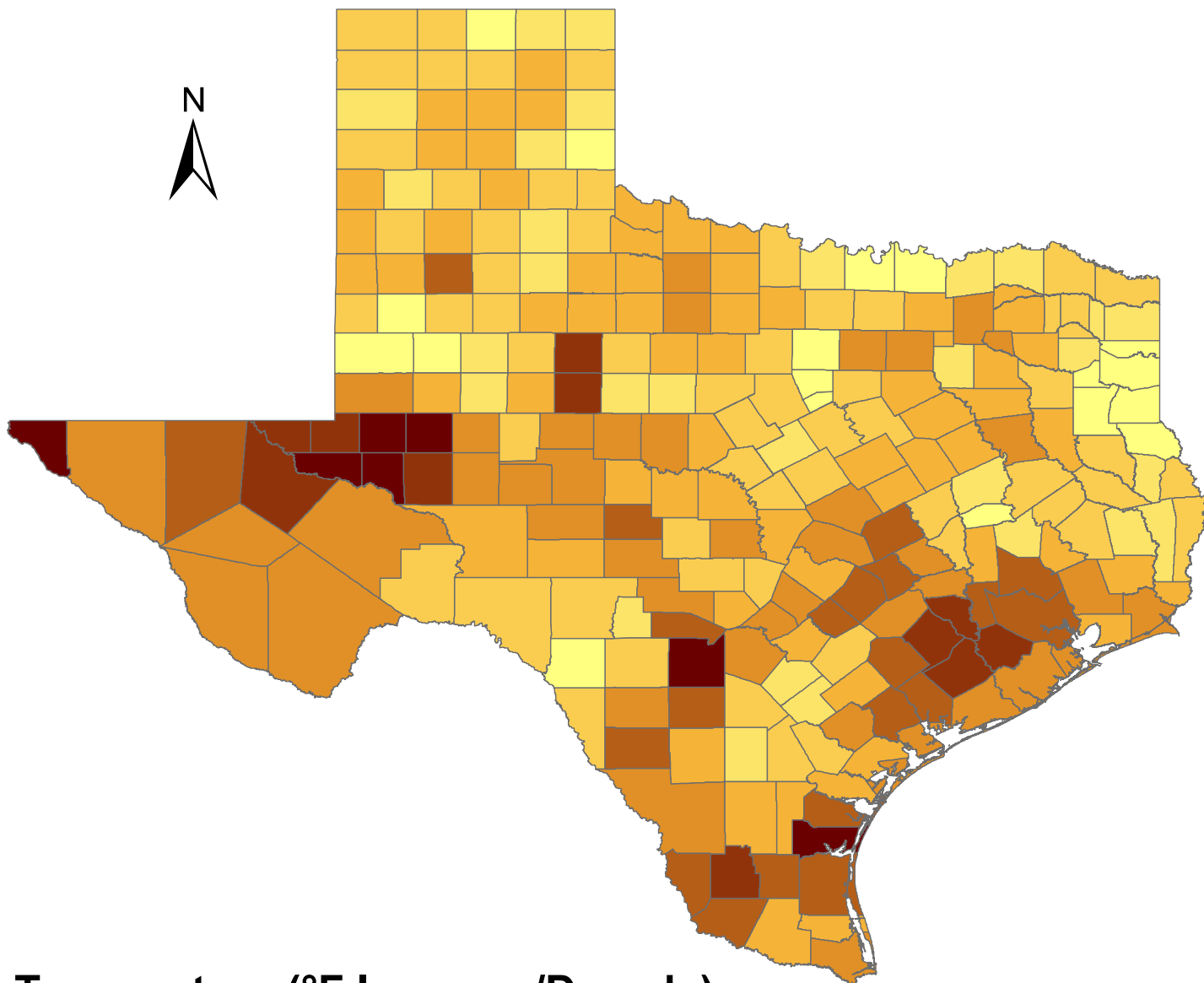
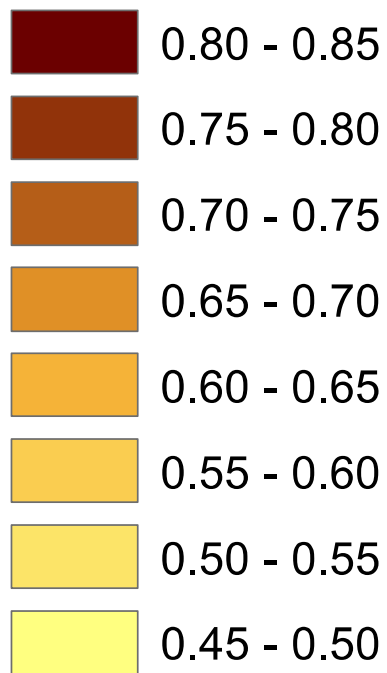
Precipitation Trends, 1895-2018



Precipitation (% change/century)



Temperature Trends, 1975-2018



Temperature (°F Increase/Decade)

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- 979-862-2248
- [http://climatexas.tamu.edu](#)
- Social media: **climatexas**