

El Niño Update



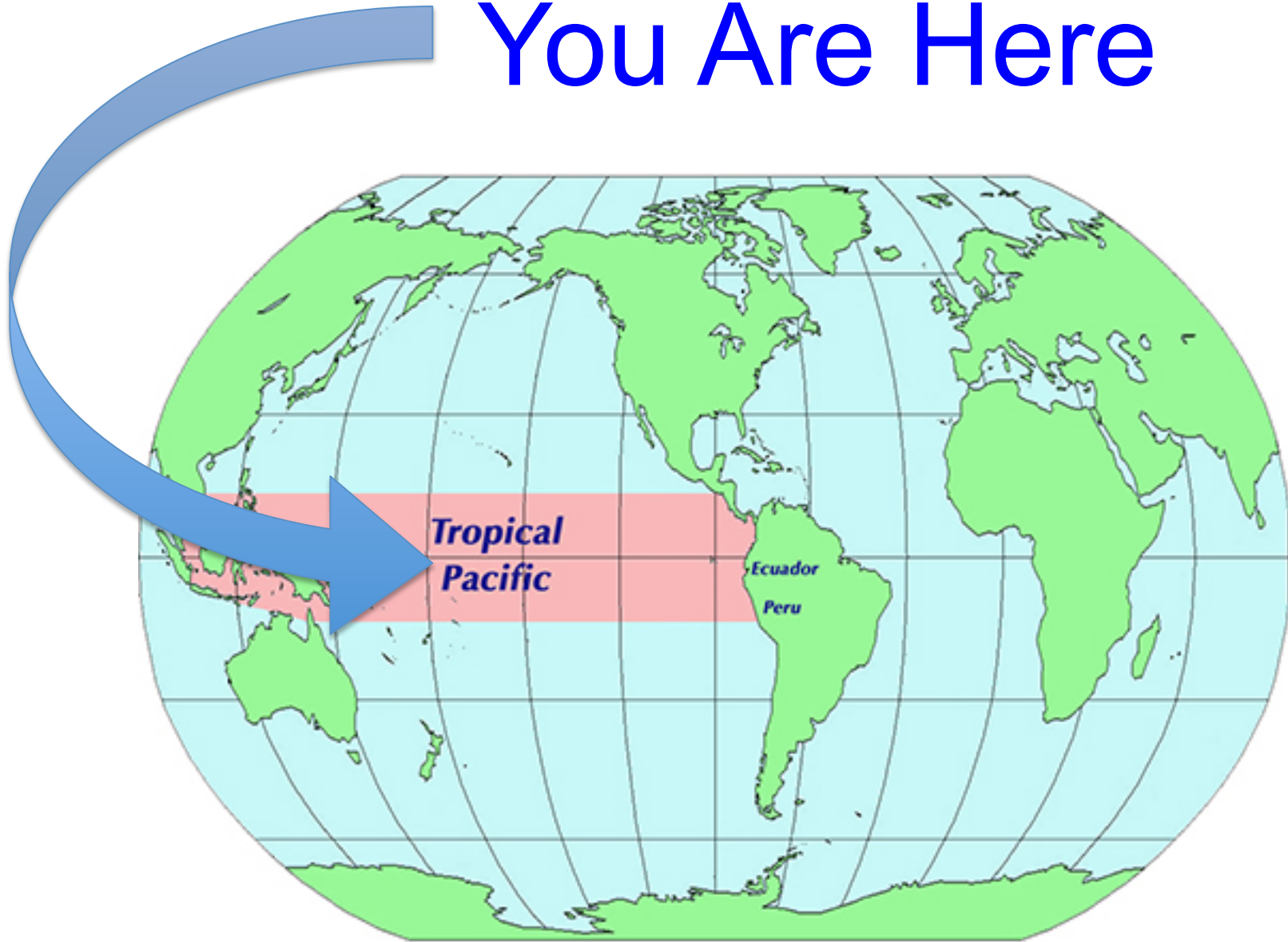
Art DeGaetano, Director Northeast Regional Climate Center



Cornell University



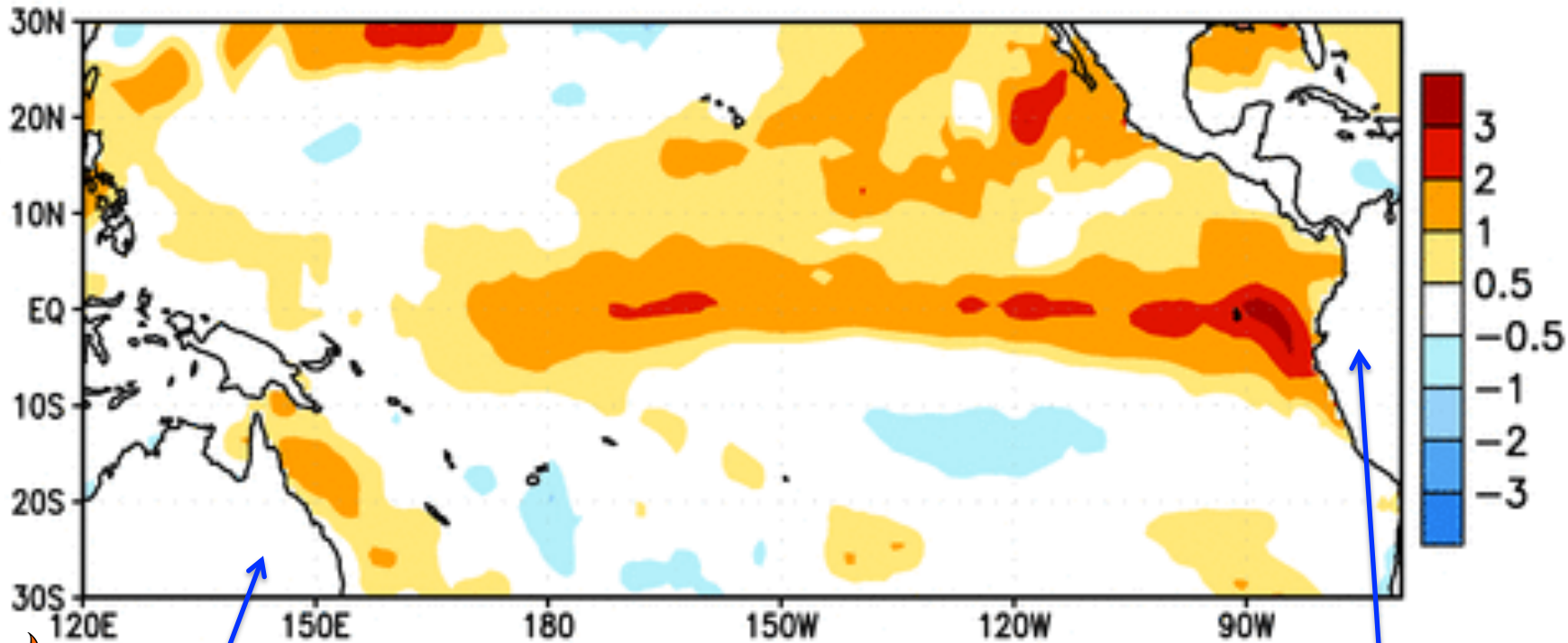
You Are Here



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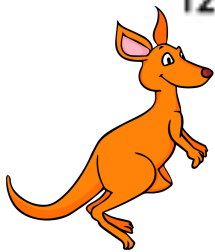


Week centered on 03 JUN 2015 SST Anomalies (°C)



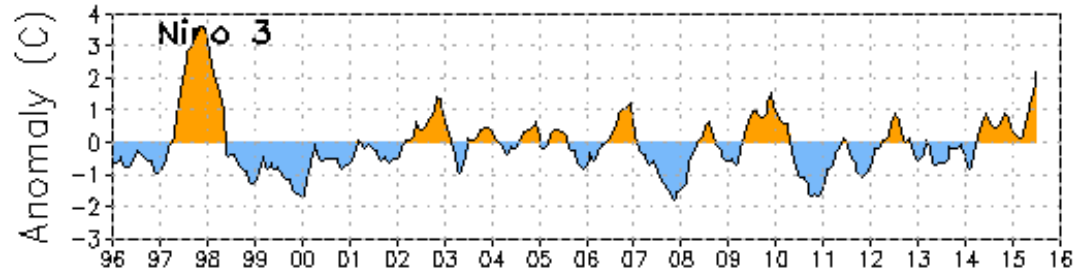
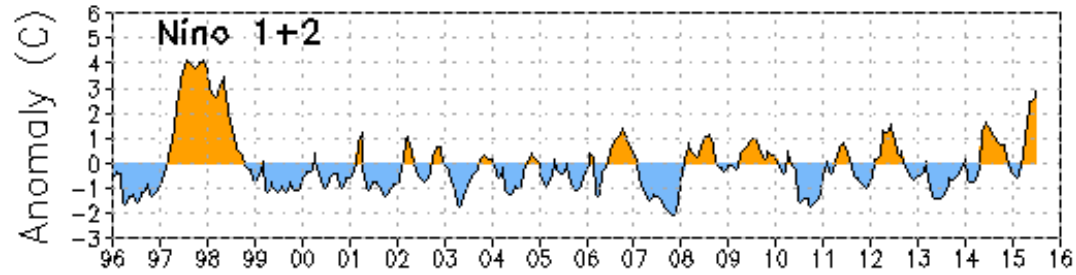
Australia

South America

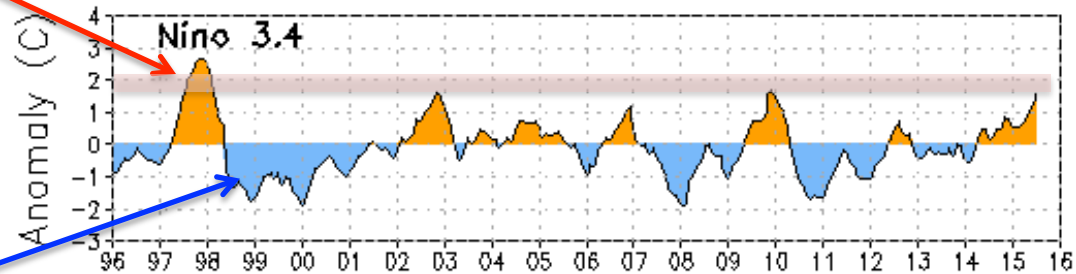
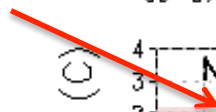


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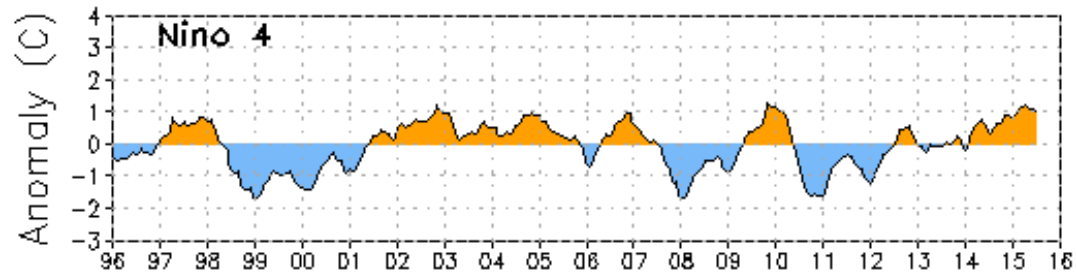




El Niño



La Niña



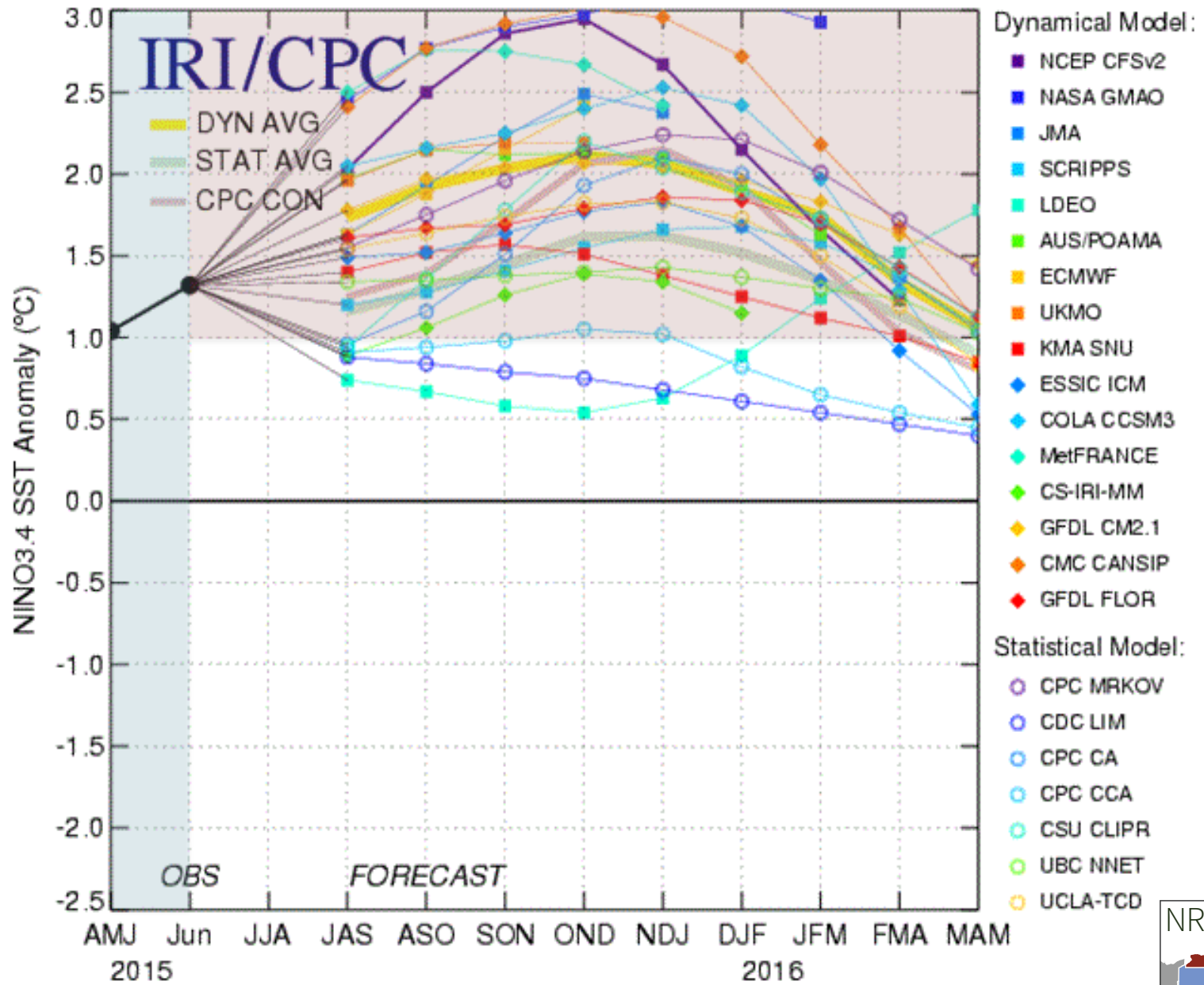
Data updated through July 2015



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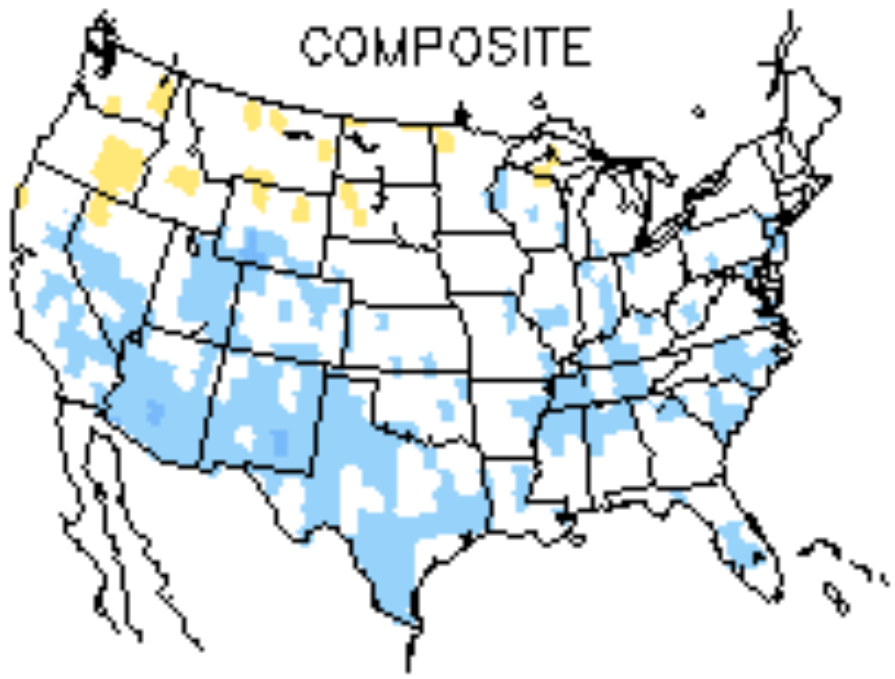


Mid-Jul 2015 Plume of Model ENSO Predictions



Autumn El Niño Temperature Anomalies

1951 1953 1957 1958
1963 1965 1969 1972
1982 1987 1991 1997
2002 2004 2009



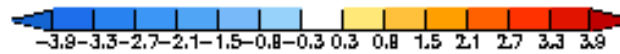
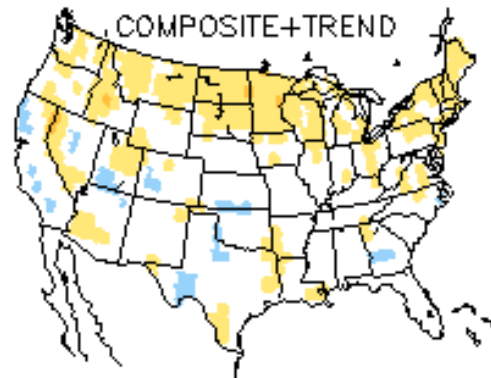
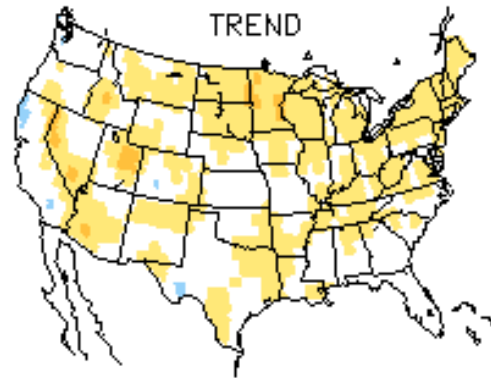
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Autumn Temperature Trend Anomalies

Last 10 Years





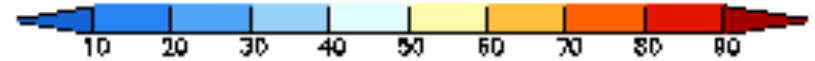
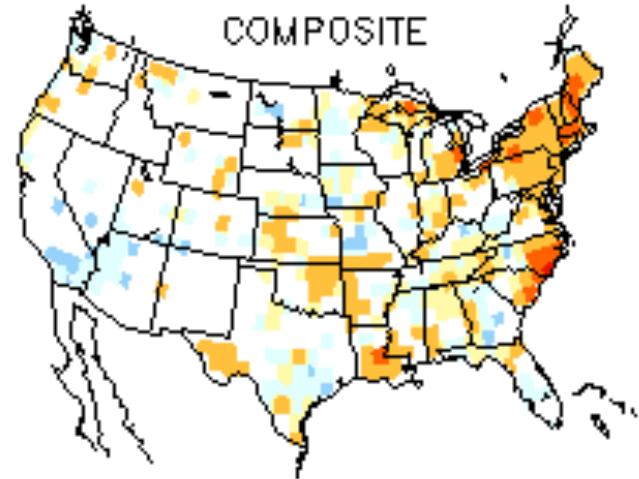
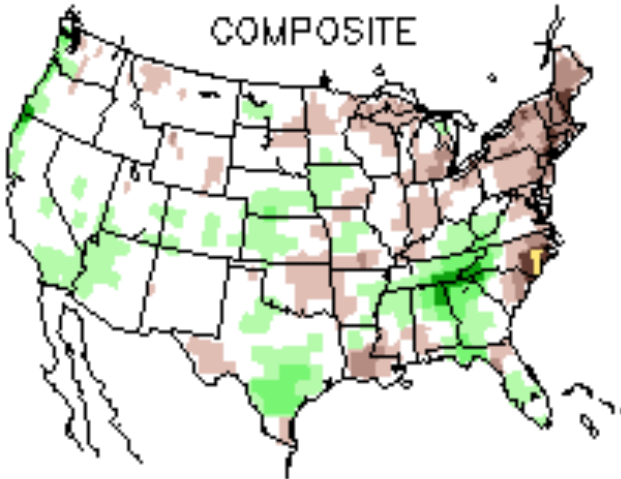
Autumn El Niño Precipitation Anomalies

ANOMALIES

FREQUENCY

COMPOSITE

COMPOSITE



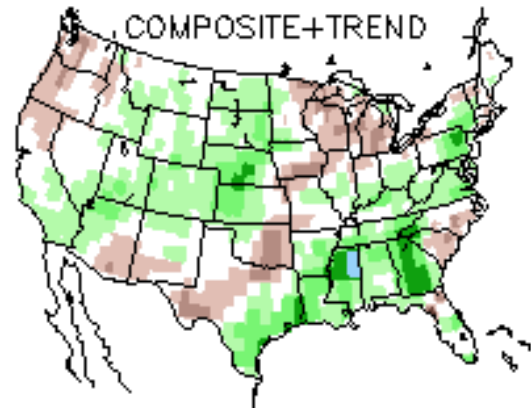
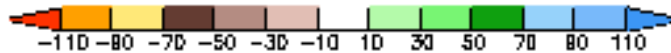
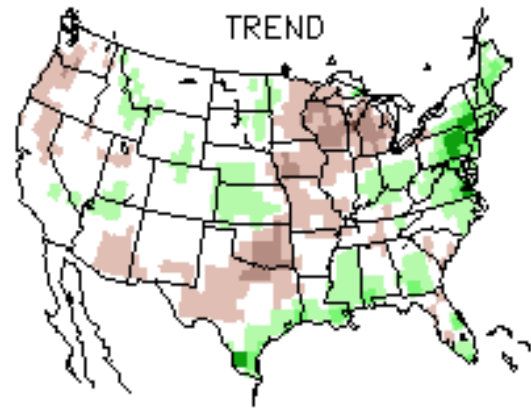
1951 1953 1957 1958 1963 1965 1969 1972 1982 1987 1991 1997 2002 2004 2009





Autumn Precipitation Trend Anomalies

Last 15 Years



Corr

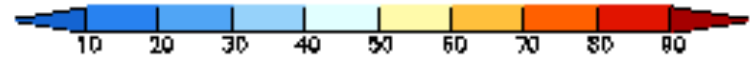
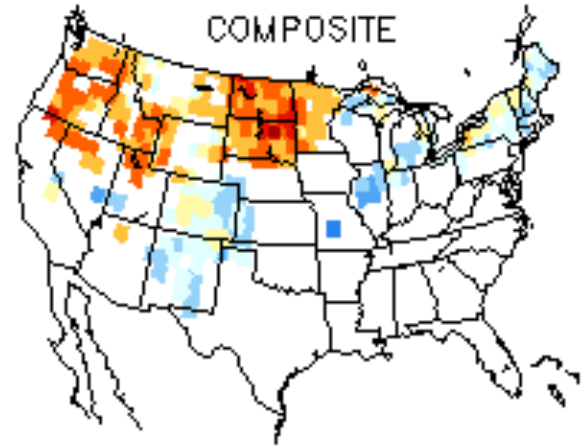
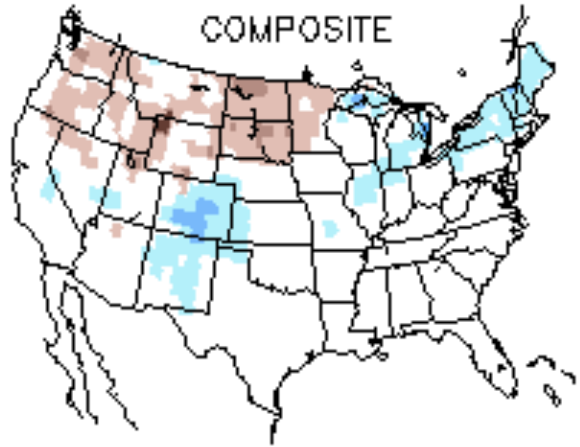




Autumn El Niño Snowfall Anomalies

ANOMALIES

FREQUENCY

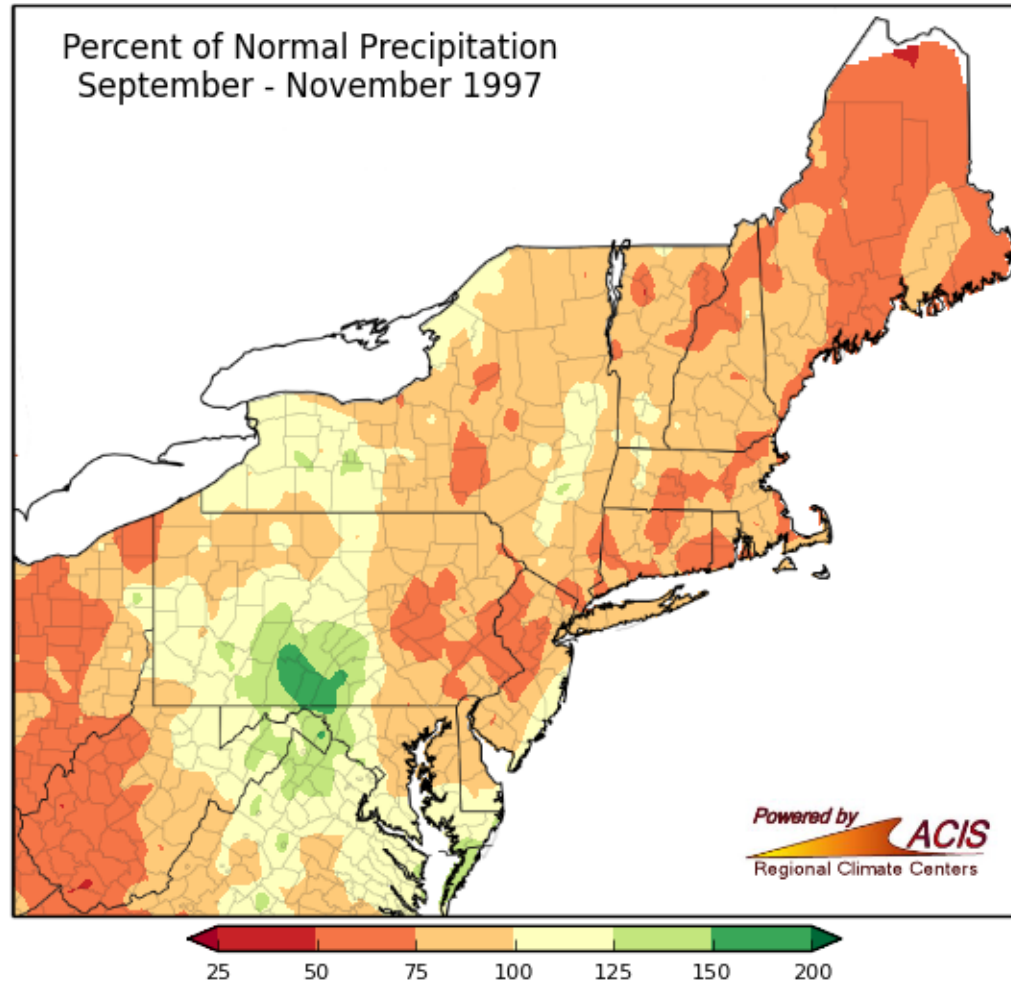


1951 1953 1957 1958 1963 1965 1969 1972 1982 1987 1991 1997 2002 2004 2009



Precipitation Anomalies Fall 1997

The Last Big El Niño

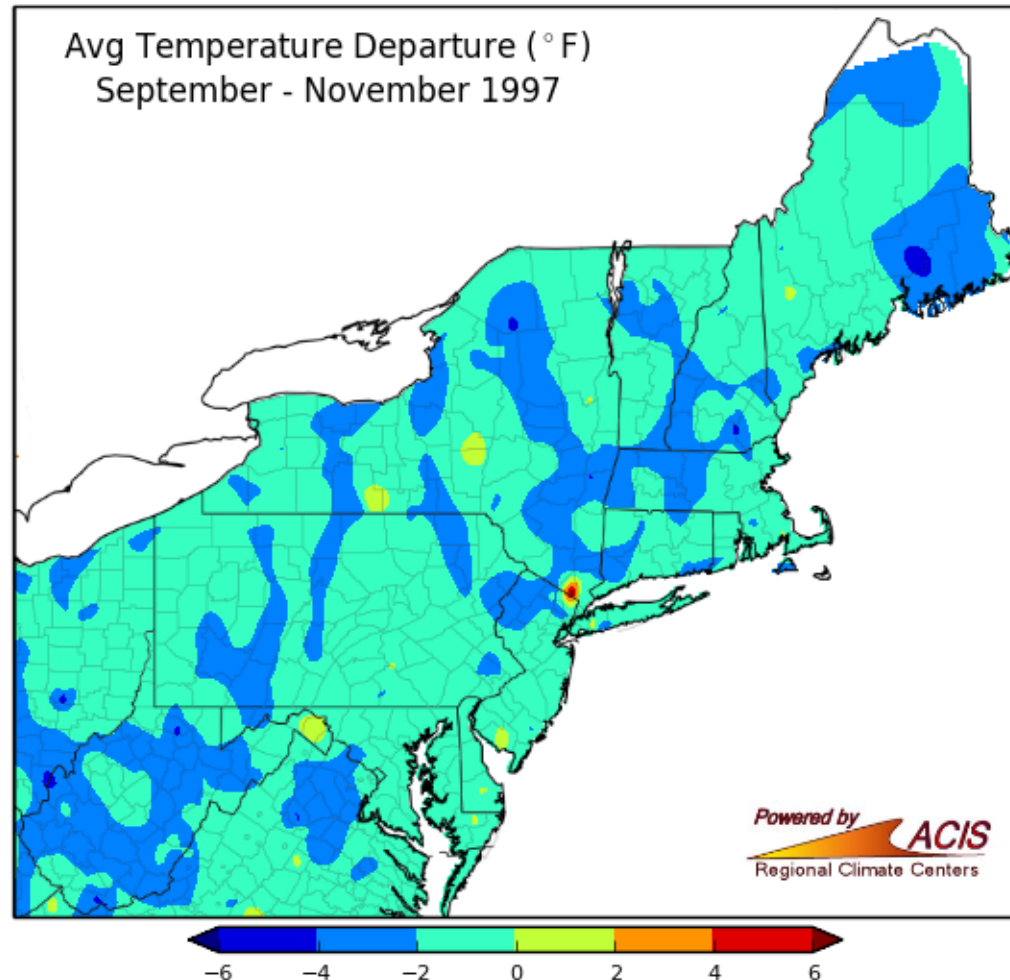


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Temperature Anomalies Fall 1997

The Last Big El Niño



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