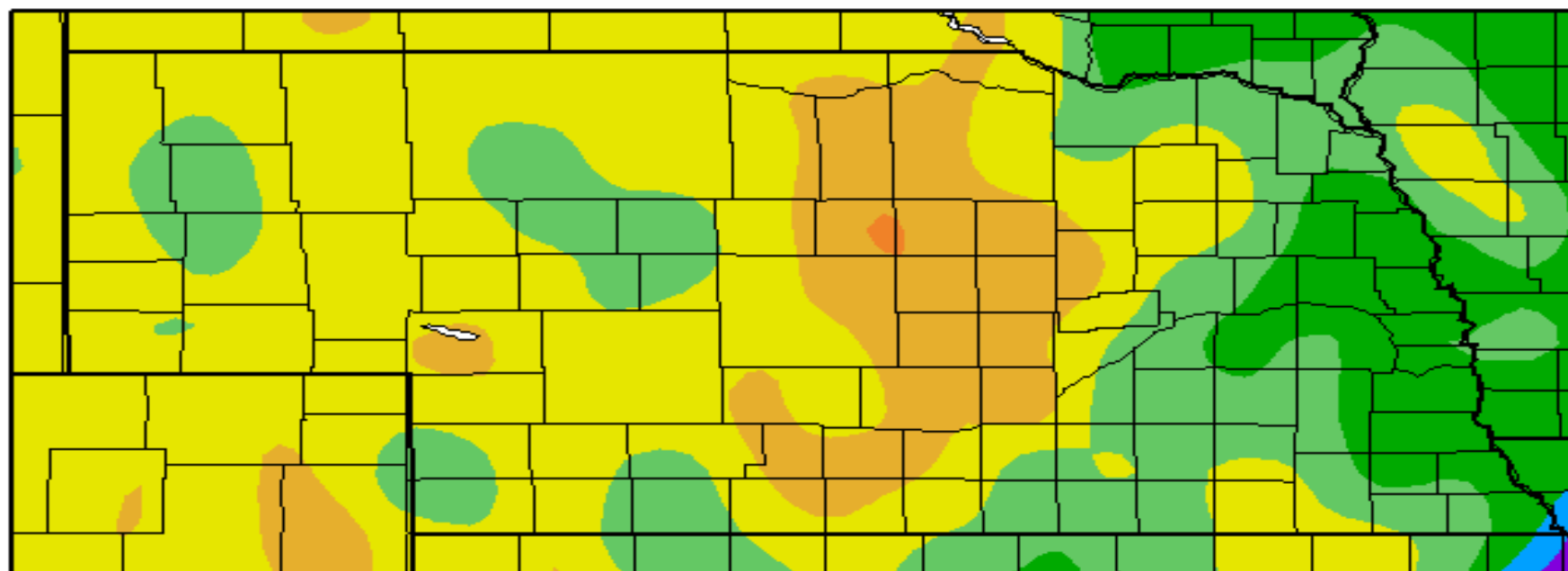


Nebraska Climate Update Climate Assessment Response Committee

Allen Dutcher
Agricultural Extension Climatologist
Nebraska State Climate Office

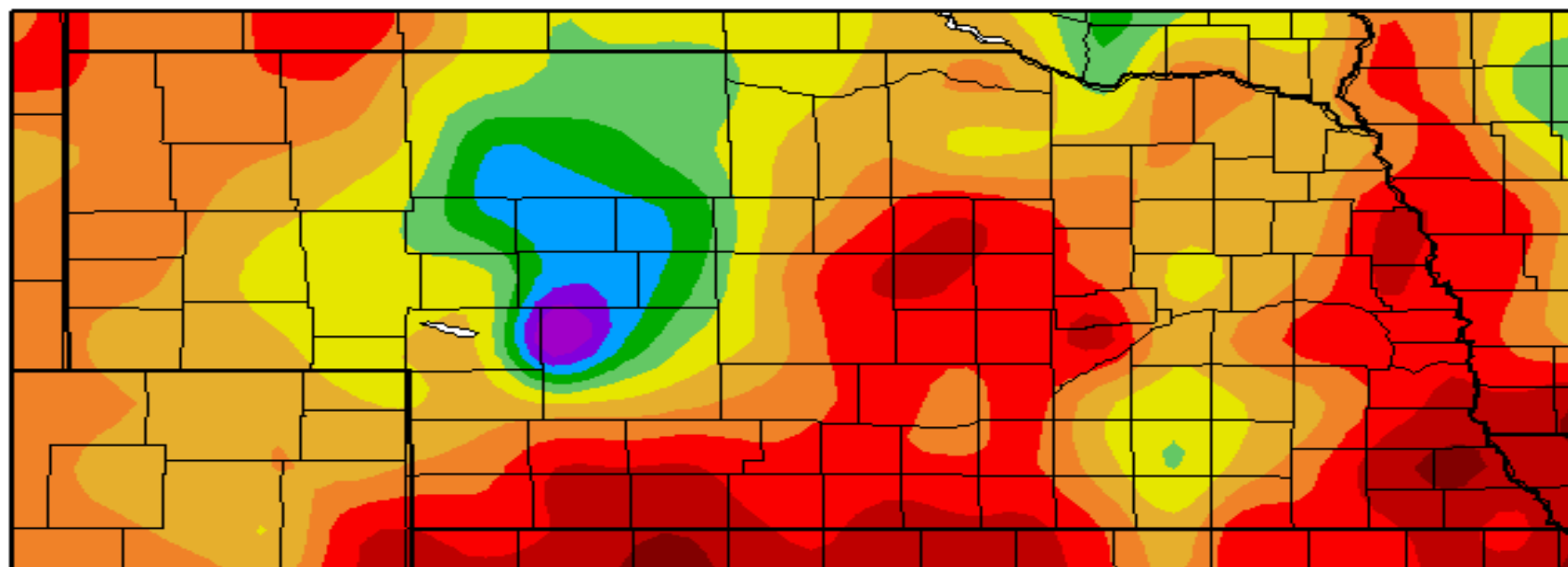
Departure from Normal Precipitation (in)
8/1/2016 – 10/31/2016



Generated 11/11/2016 at HPRCC using provisional data.

Regional Climate Centers

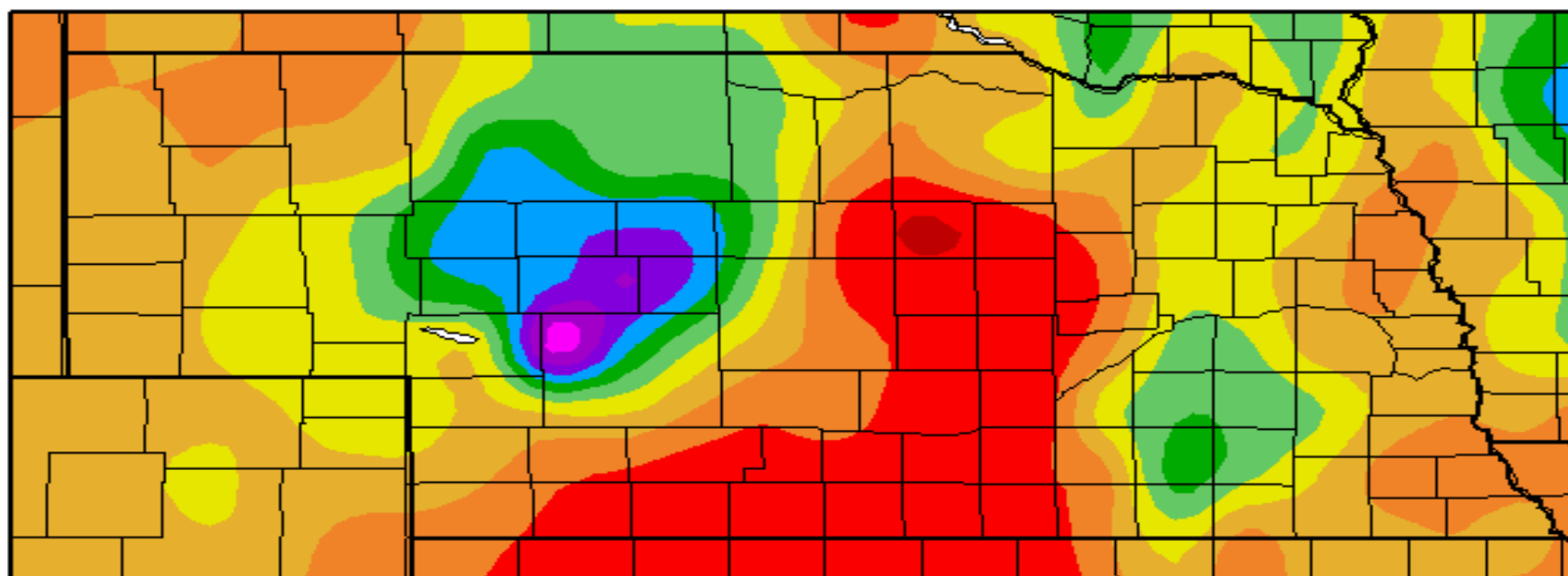
Departure from Normal Precipitation (in)
10/1/2016 – 11/20/2016



Generated 11/21/2016 at HPRCC using provisional data.

Regional Climate Centers

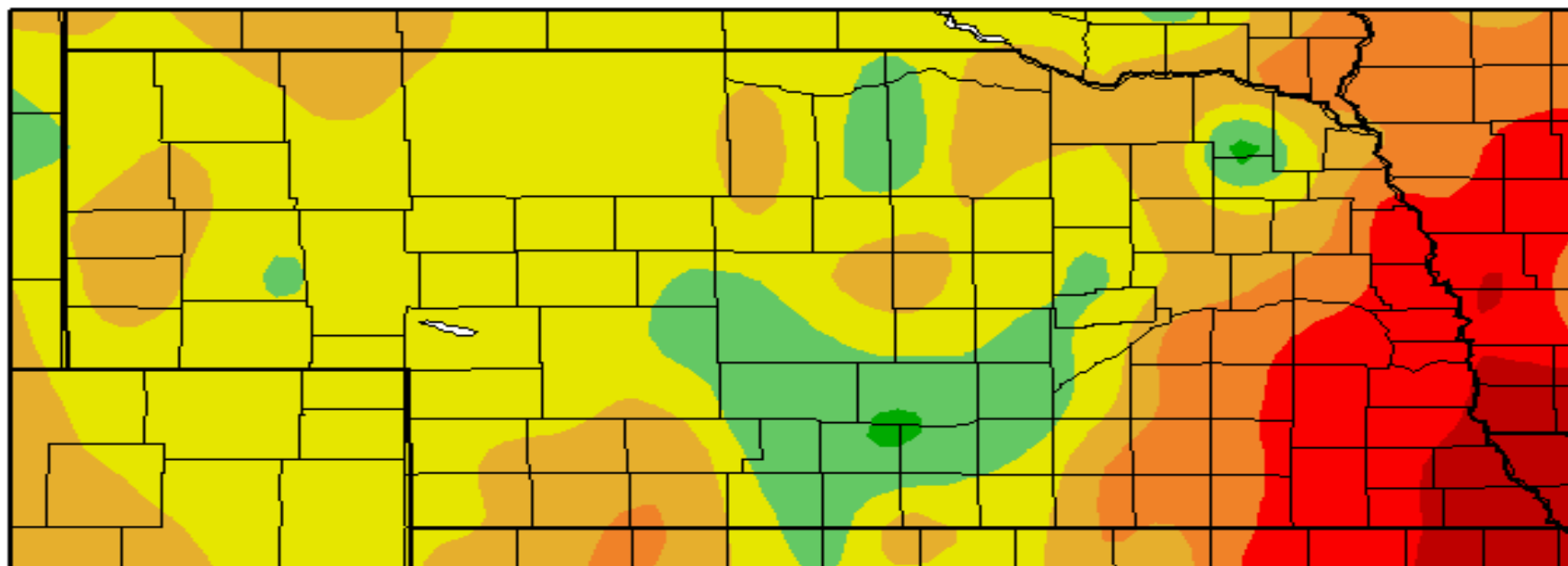
Departure from Normal Precipitation (in)
10/1/2016 – 10/31/2016



Generated 11/11/2016 at HPRCC using provisional data.

Regional Climate Centers

Departure from Normal Precipitation (in)
11/1/2016 – 11/21/2016

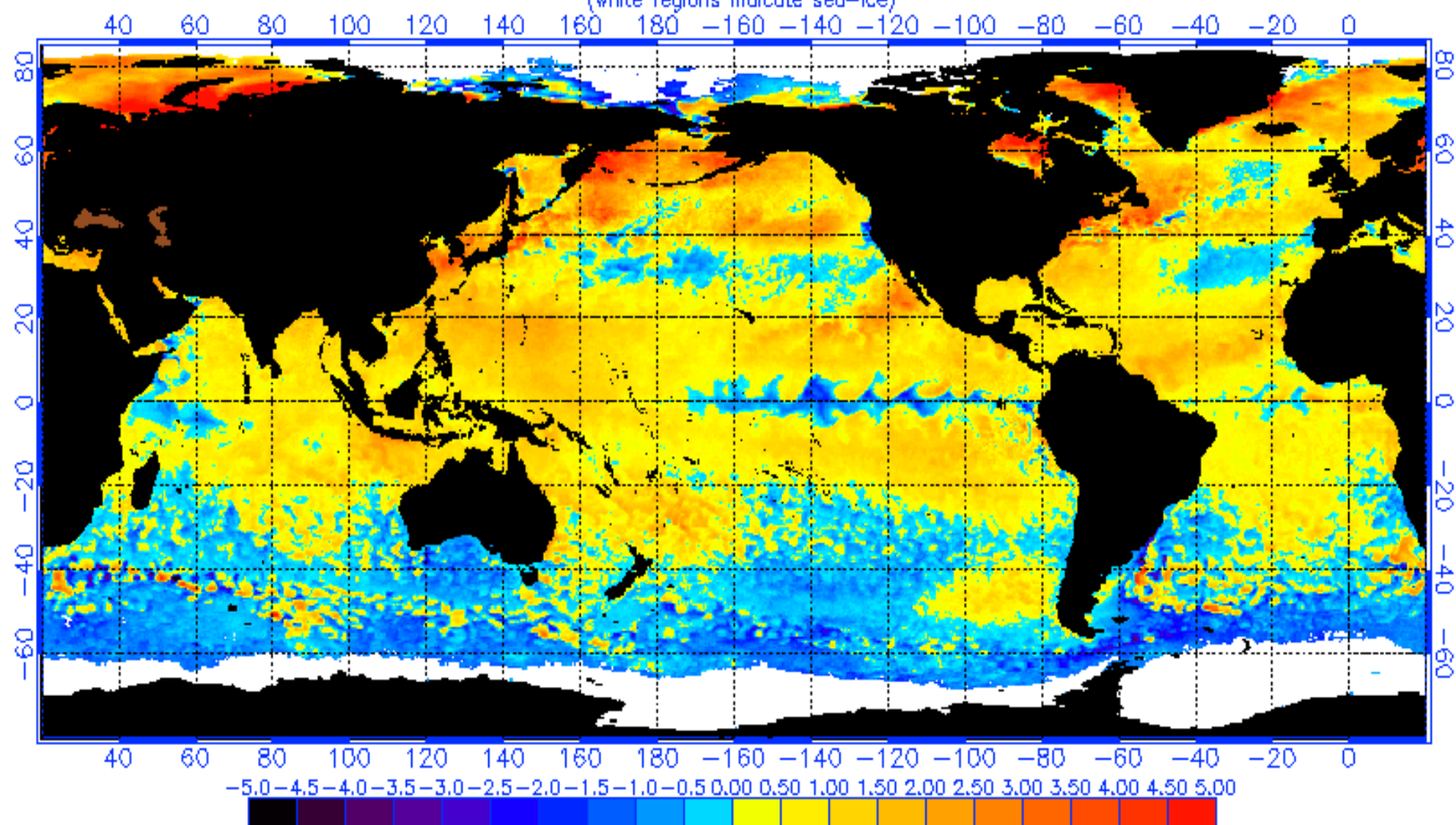


Generated 11/22/2016 at HPRCC using provisional data.

Regional Climate Centers

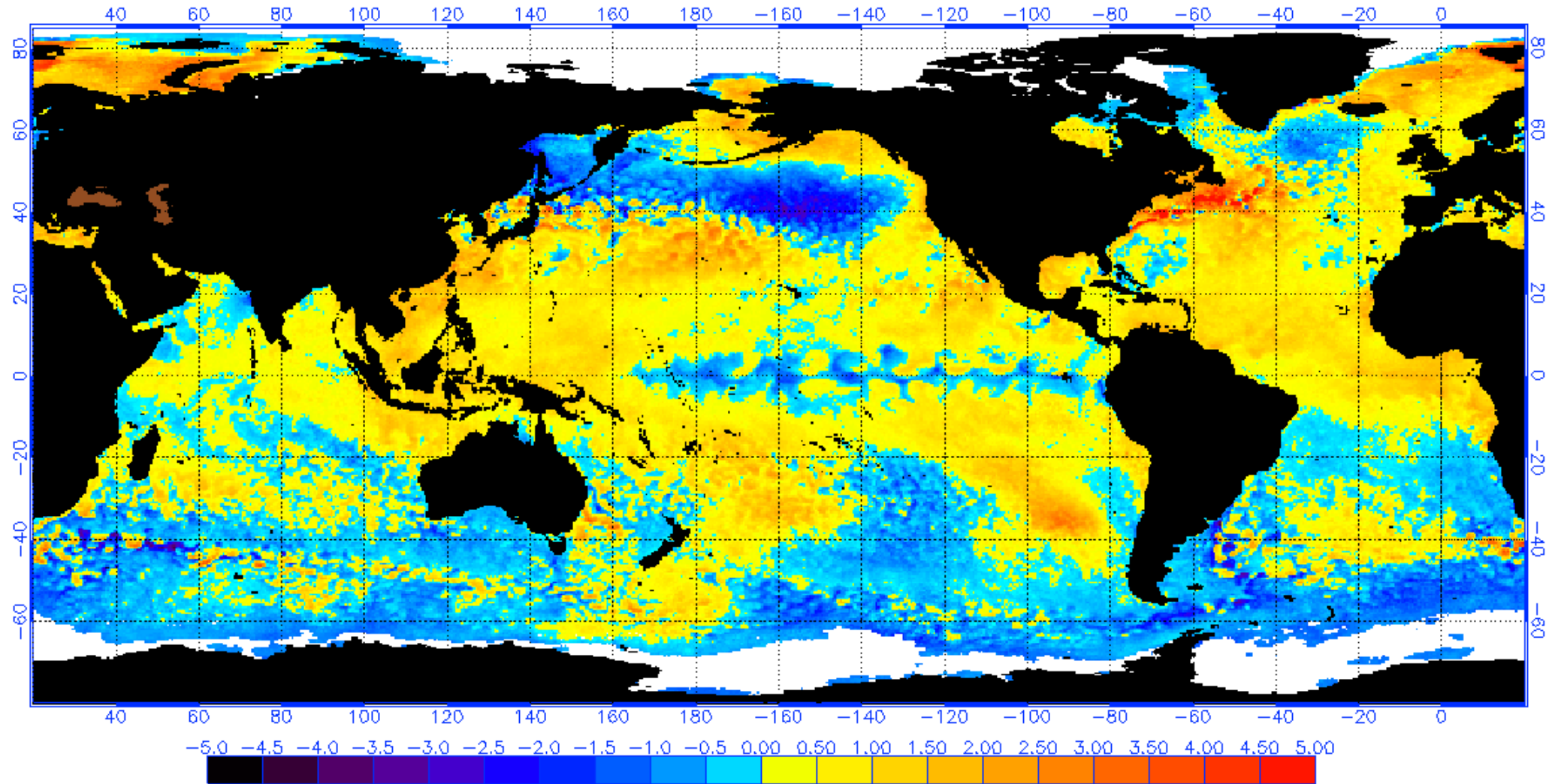
NOAA/NESDIS 50 KM GLOBAL ANALYSIS: SST Anomaly (degrees C), 8/1/2016

(white regions indicate sea-ice)



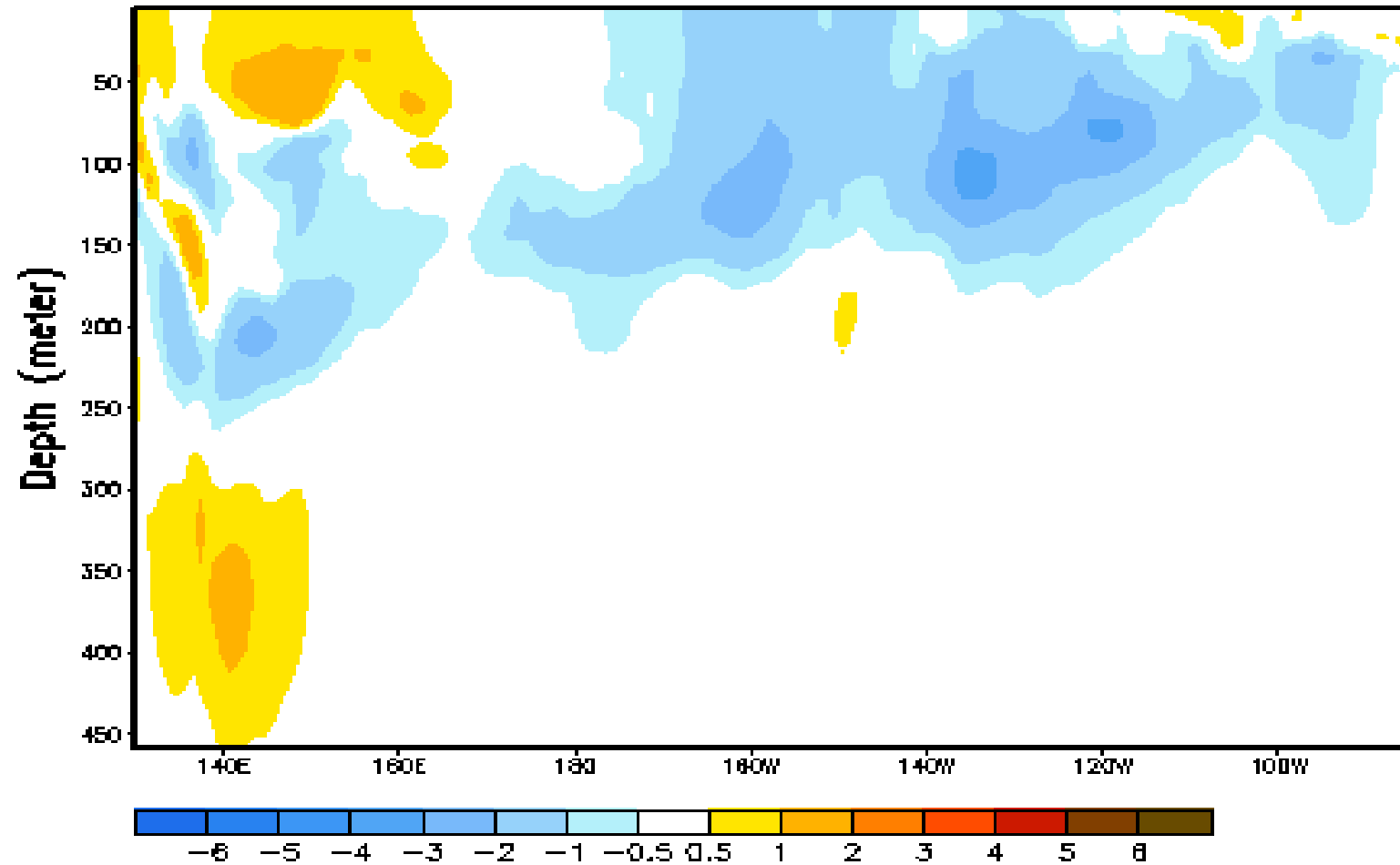
NOAA/NESDIS 50 KM GLOBAL ANALYSIS: SST Anomaly (degrees C), 11/21/2016

(white regions indicate sea-ice)

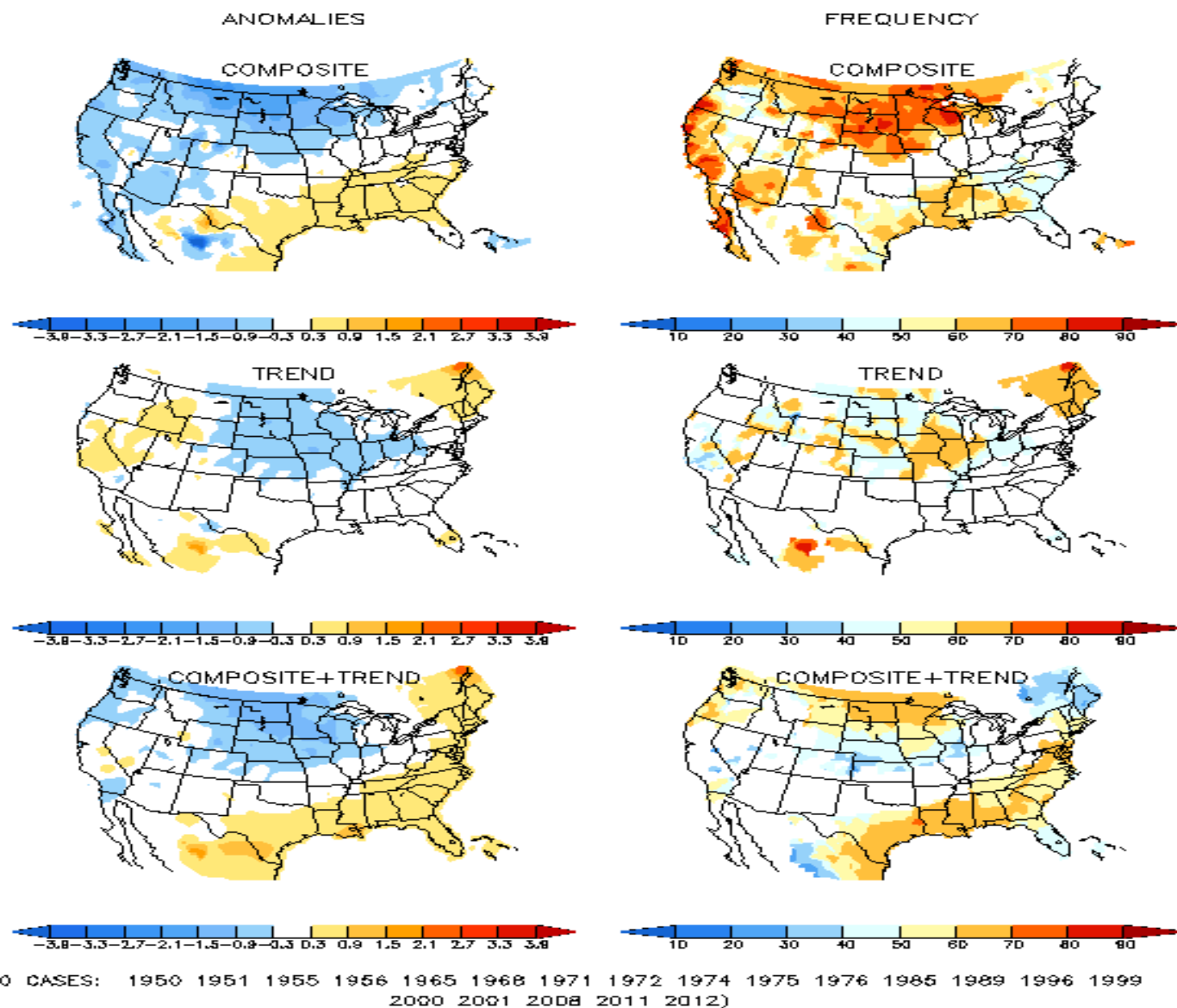


Equatorial Temperature Anomaly (°C)

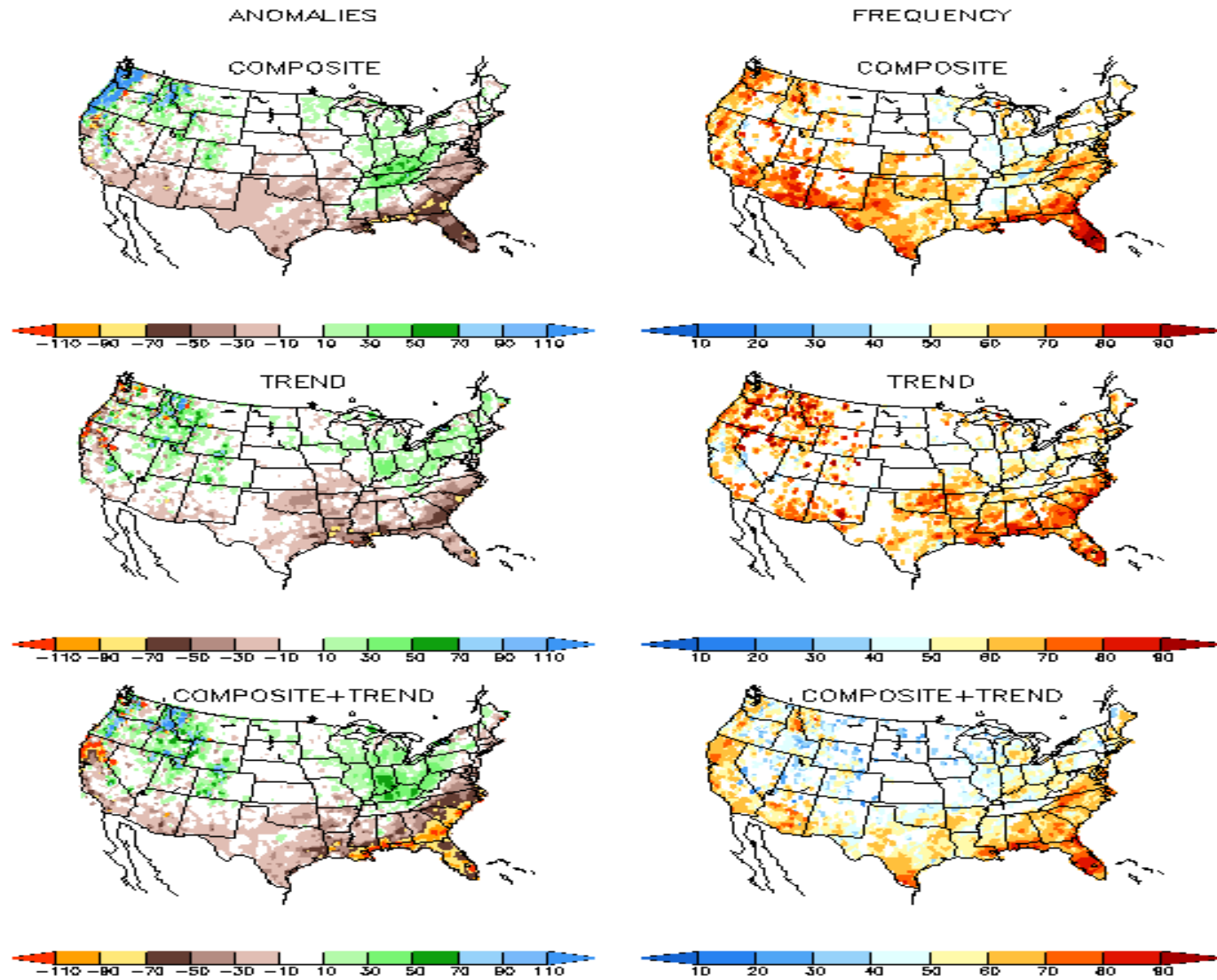
Pentad centered on 15 SEP 2016



DJF LA NINA TEMPERATURE ANOMALIES (C) AND FREQUENCY OF OCCURRENCE (%)

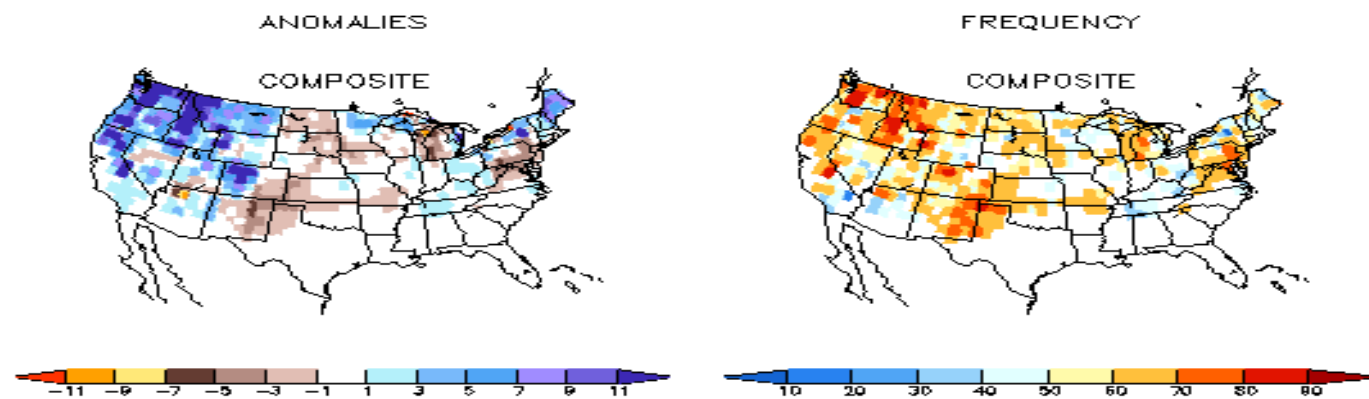


DJF LA NINA PRECIPITATION ANOMALIES (MM) AND FREQUENCY OF OCCURRENCE (%)



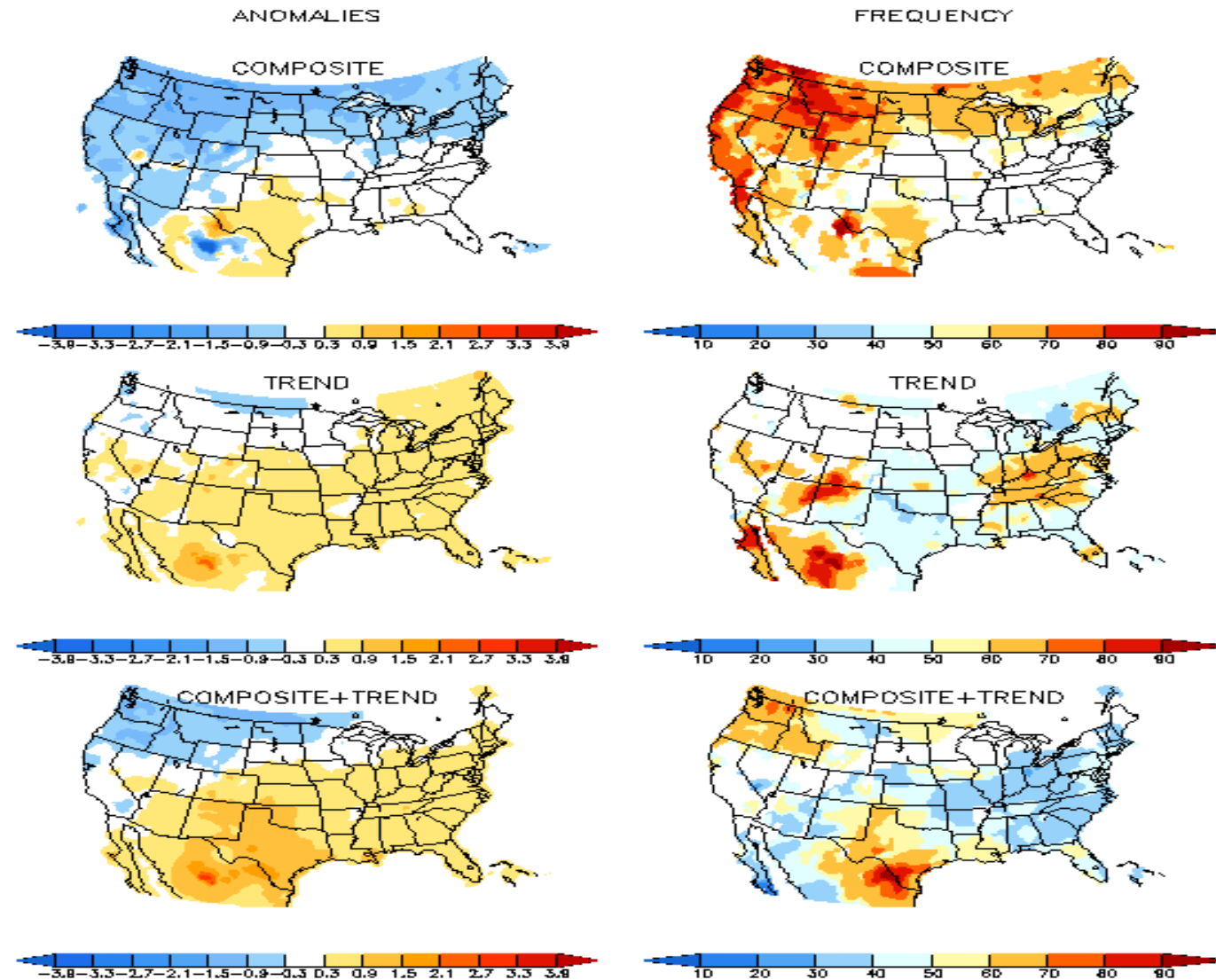
(20 CASES: 1950 1951 1955 1956 1965 1968 1971 1972 1974 1975 1976 1985 1989 1996 1999
2000 2001 2008 2011 2012)

DJF LA NINA SNOW ANOMALIES (IN) AND FREQUENCY OF OCCURRENCE (%)



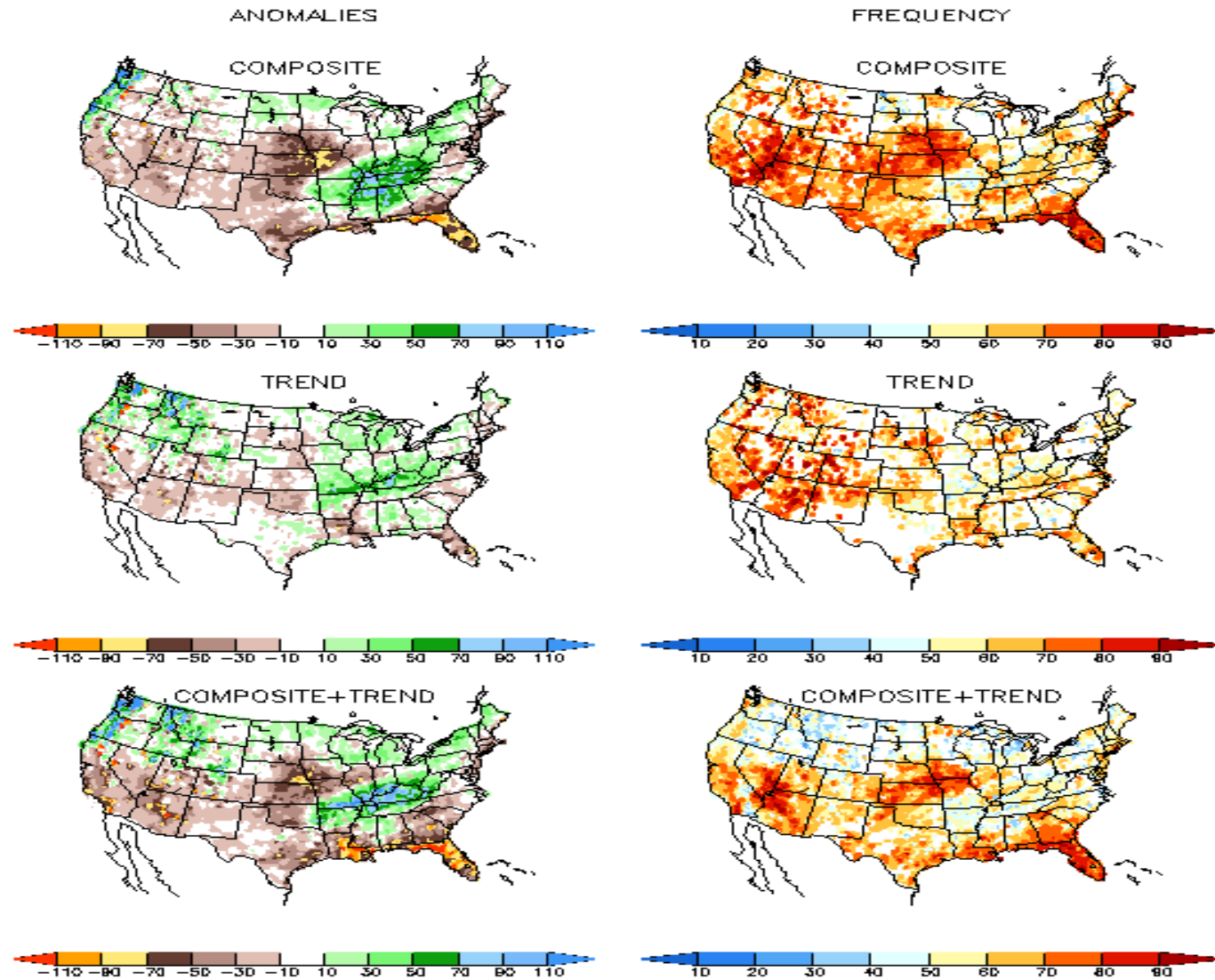
(20 CASES: 1950 1951 1955 1956 1957 1963 1965 1968 1971 1972 1974 1975 1976 1985 1989
1998 1999 2000 2001 2008)

MAM LA NINA TEMPERATURE ANOMALIES (C) AND FREQUENCY OF OCCURRENCE (%)



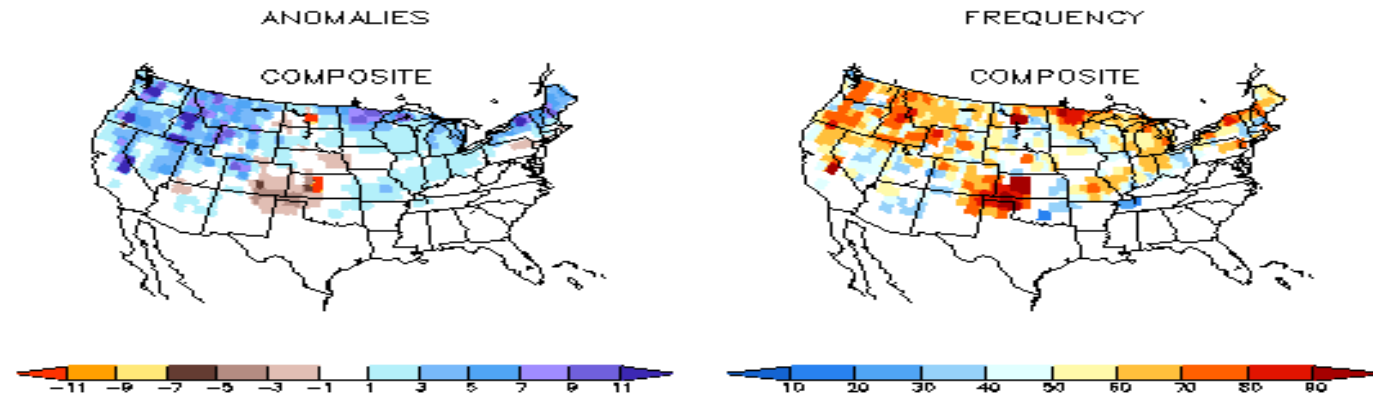
(13 CASES: 1950 1955 1956 1968 1971 1974 1975 1985 1989 1999 2000 2008 2011)

MAM LA NINA PRECIPITATION ANOMALIES (MM) AND FREQUENCY OF OCCURRENCE (%)

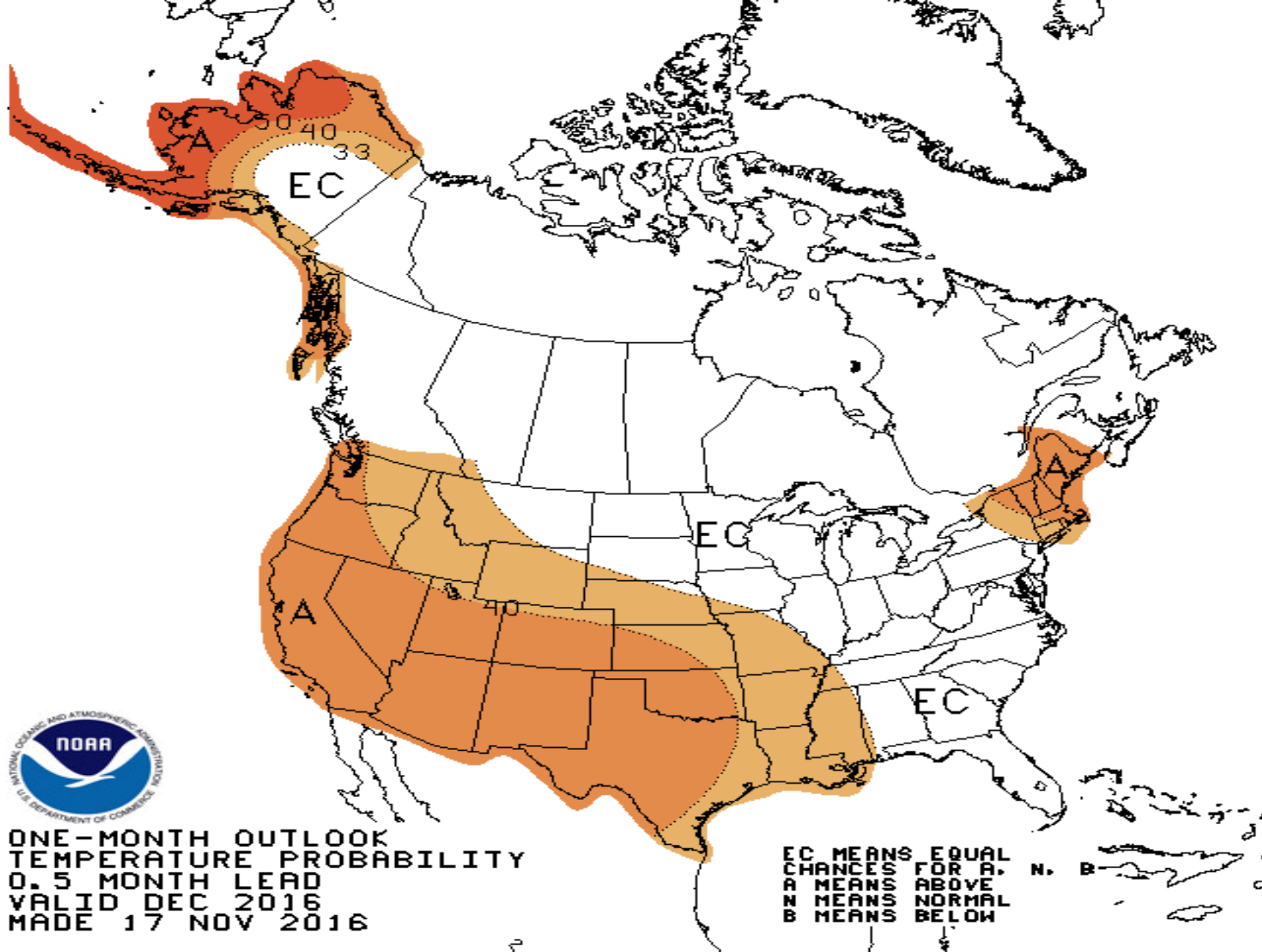


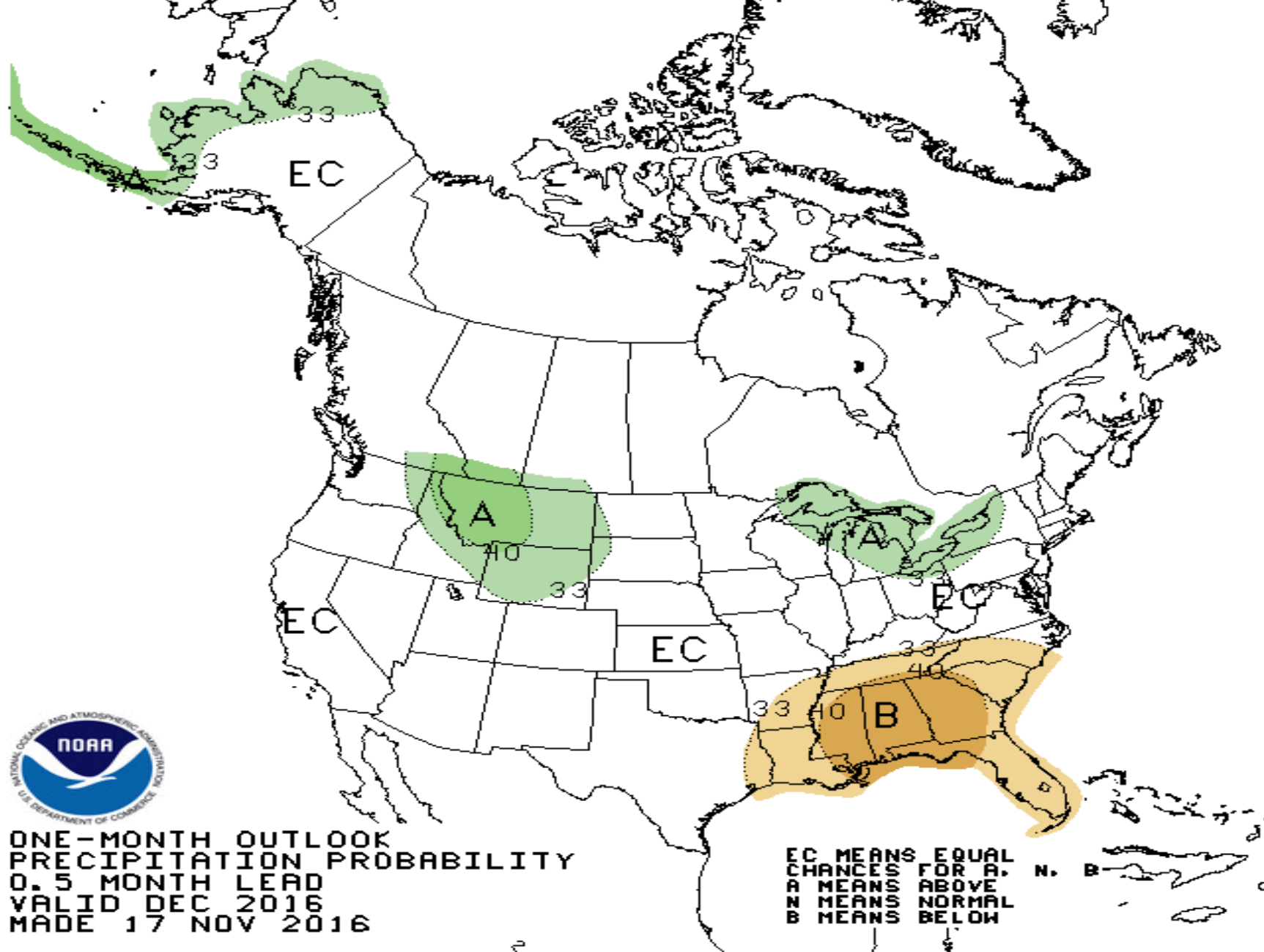
(13 CASES: 1950 1955 1956 1968 1971 1974 1975 1985 1989 1999 2000 2008 2011)

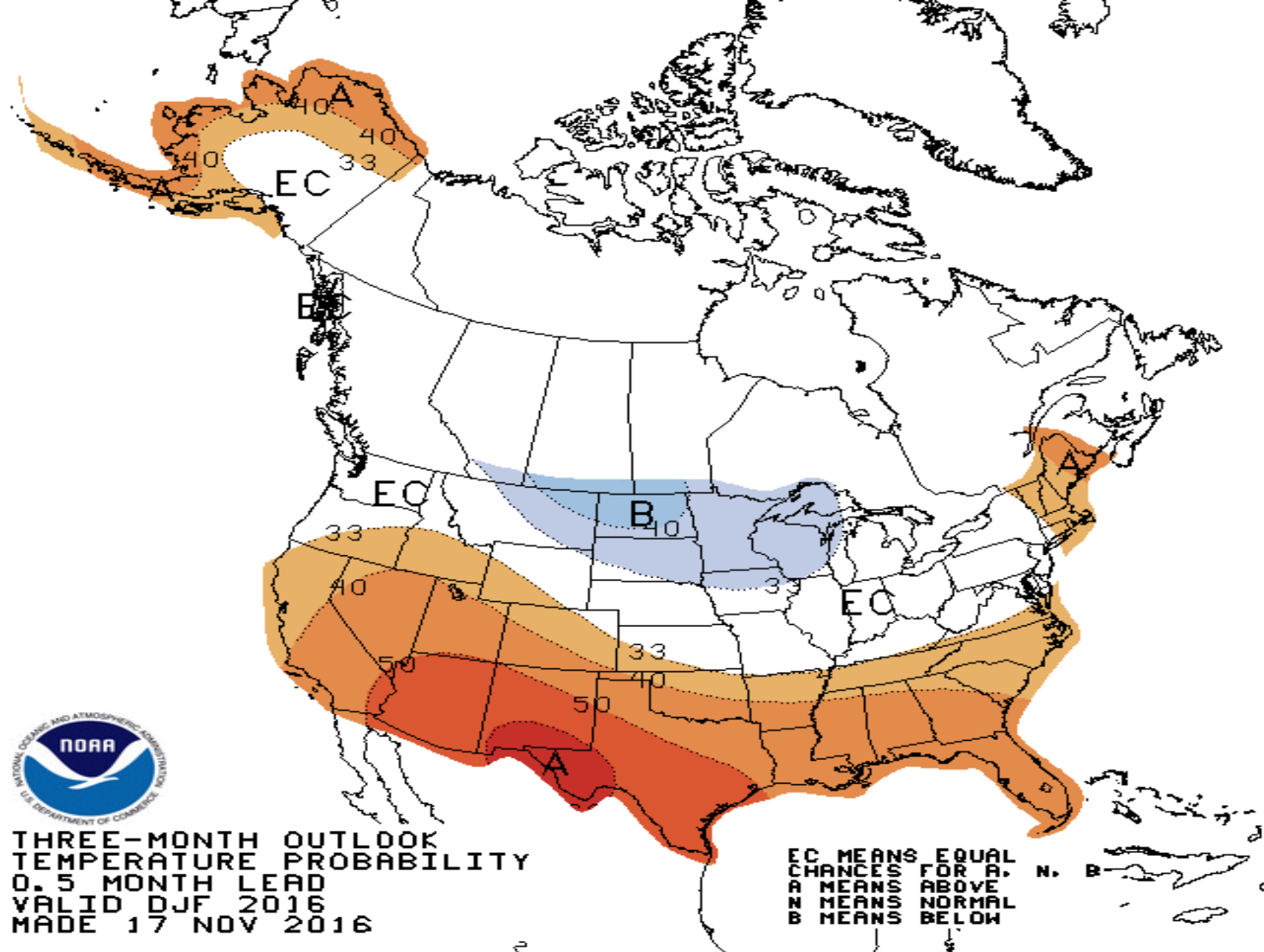
MAM LA NINA SNOW ANOMALIES (IN) AND FREQUENCY OF OCCURRENCE (%)

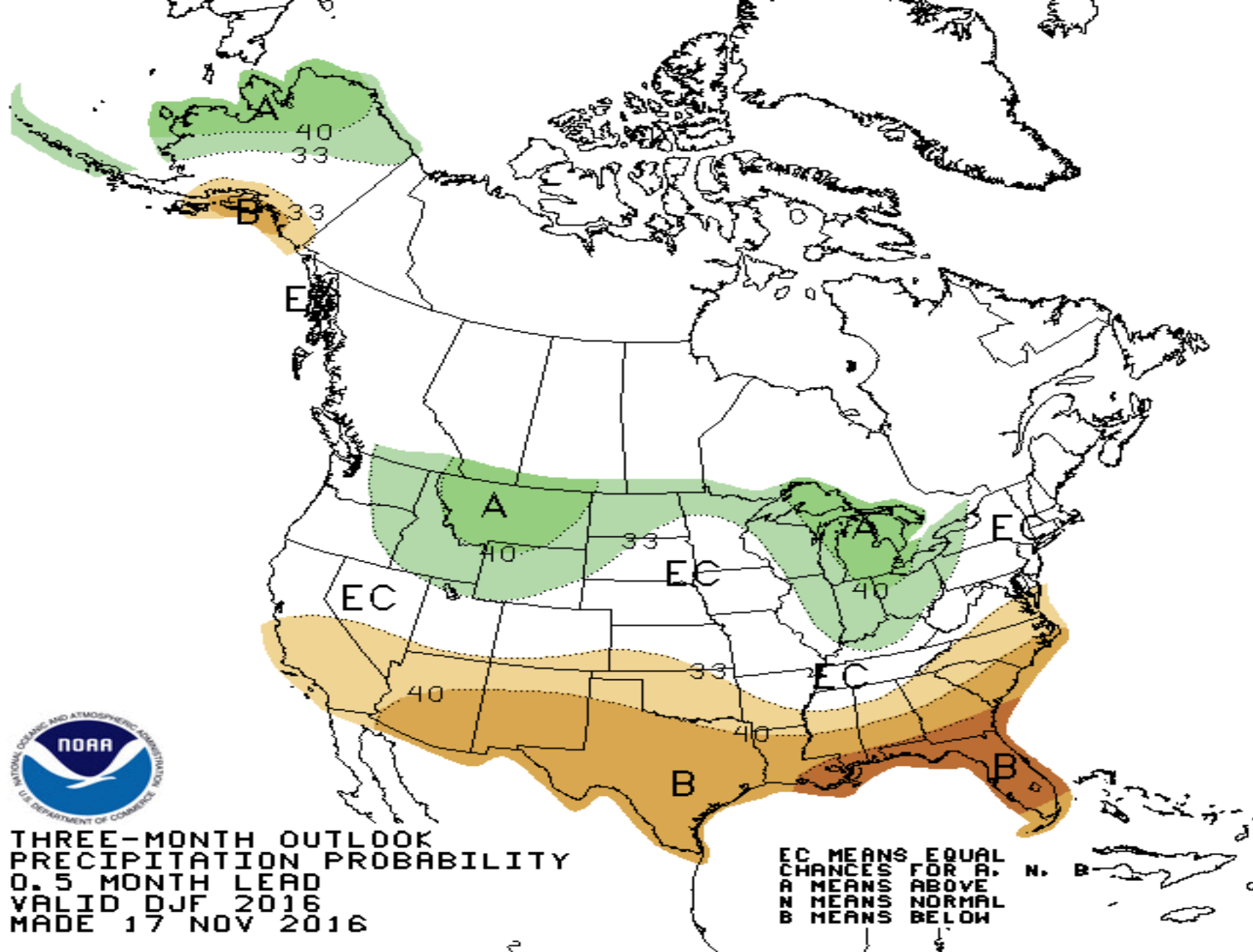


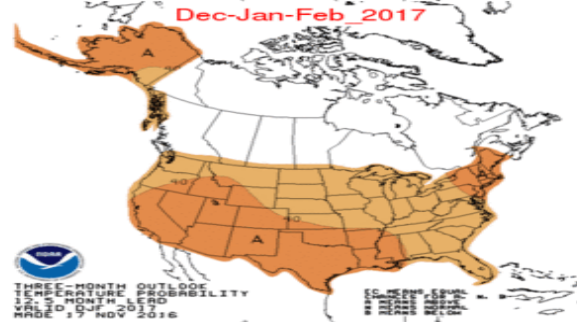
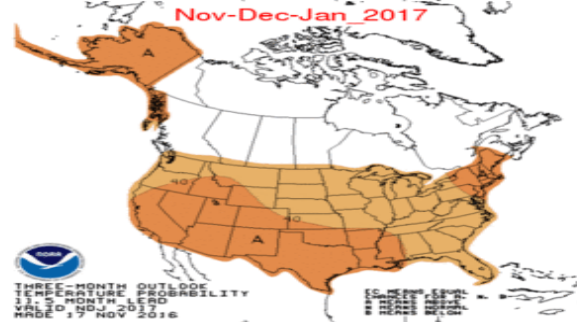
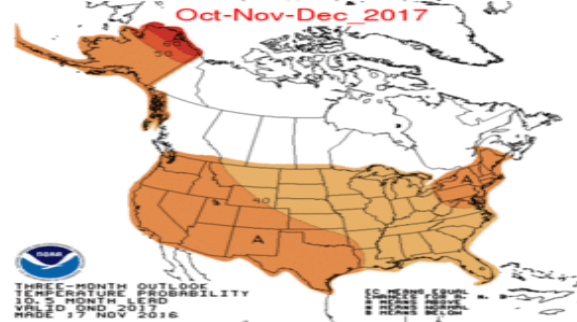
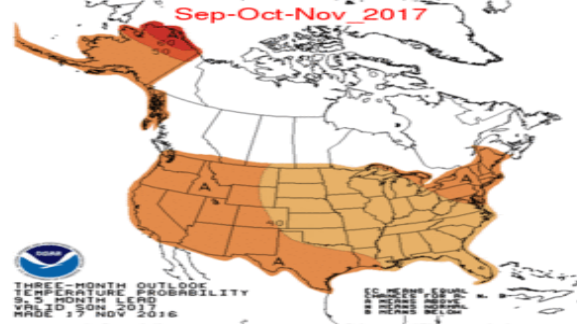
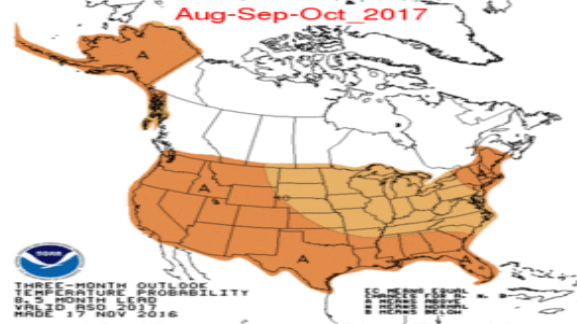
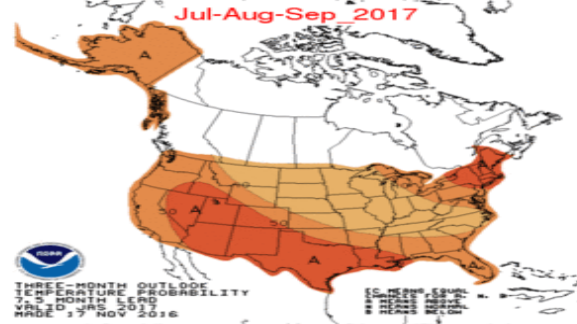
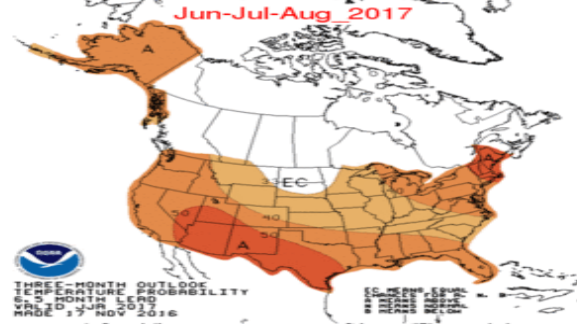
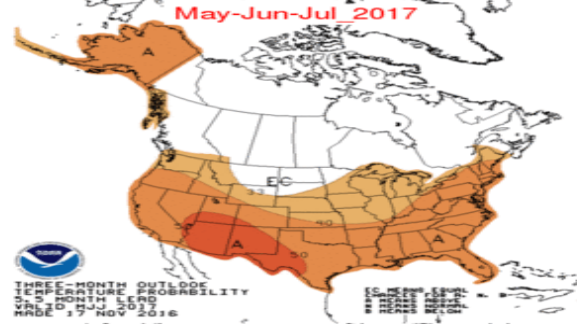
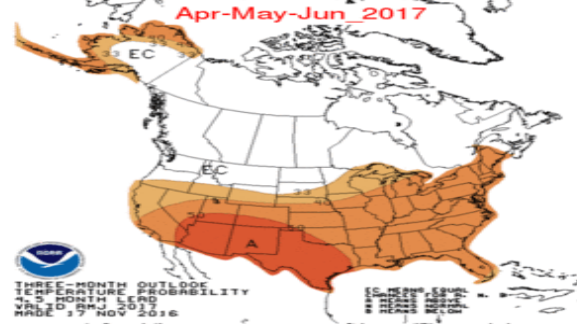
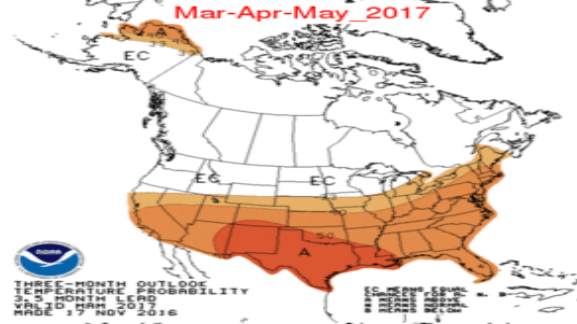
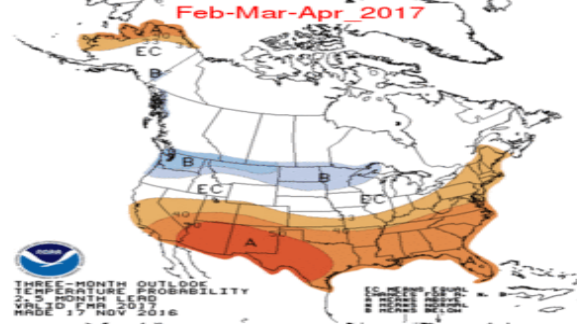
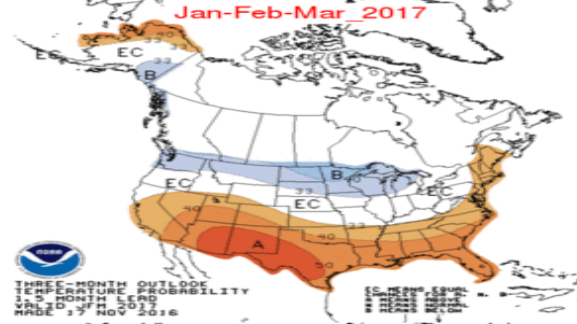
(15 CASES: 1950 1954 1955 1956 1964 1968 1971 1974 1975 1976 1985 1989 1999 2000 2008)

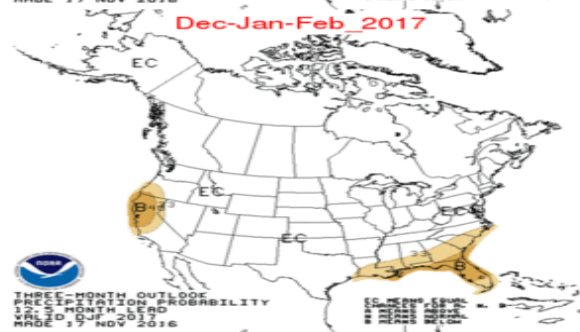
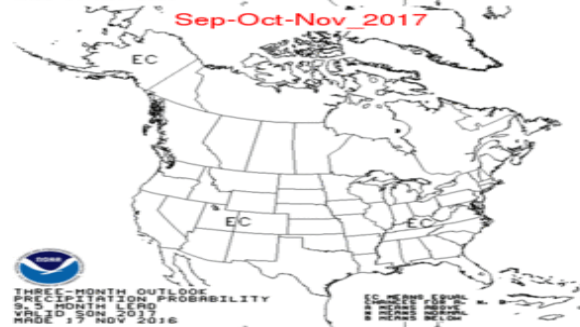
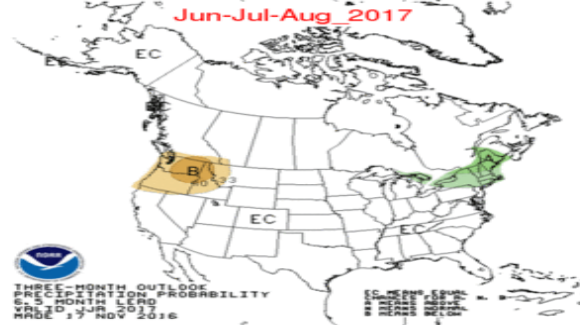
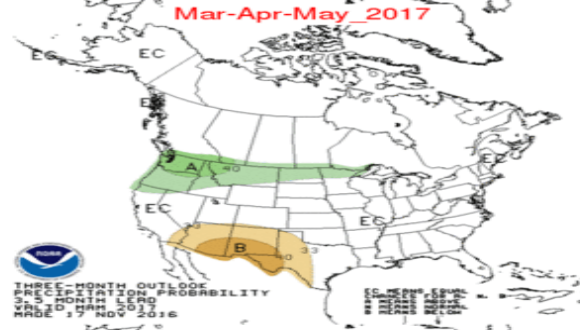
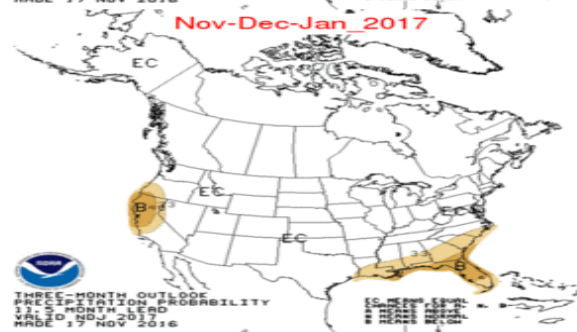
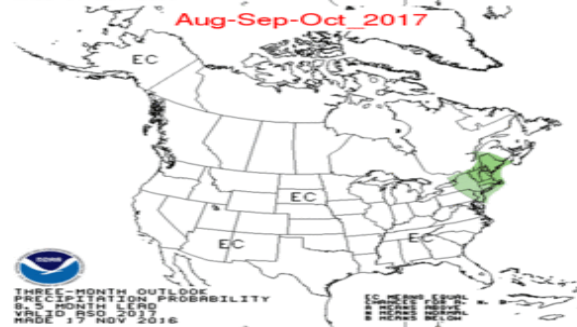
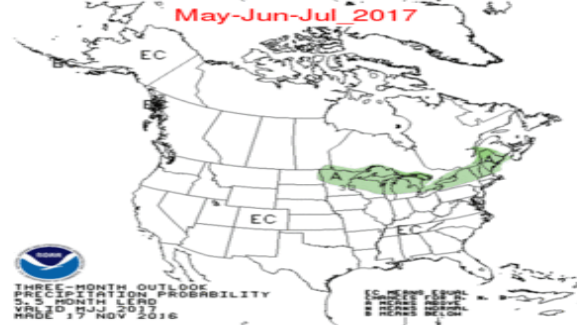
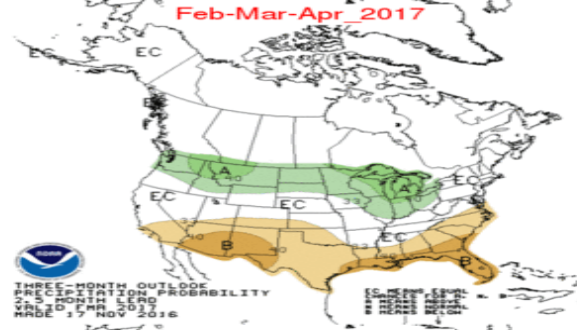
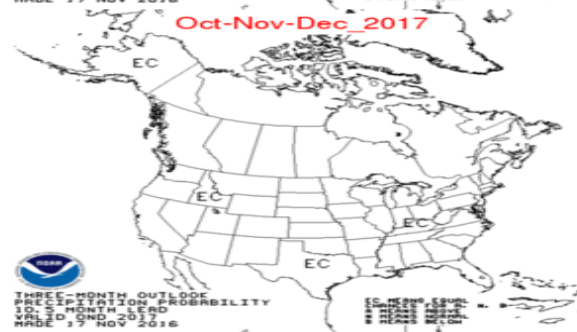
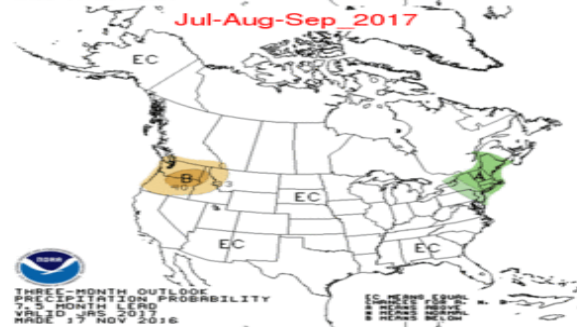
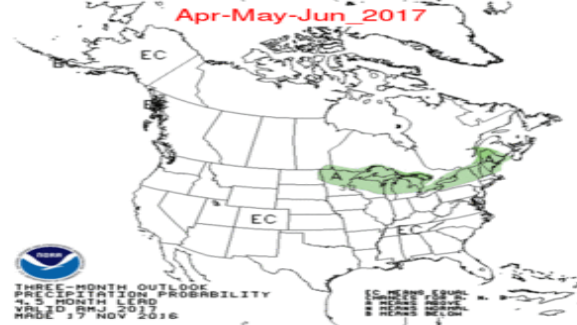
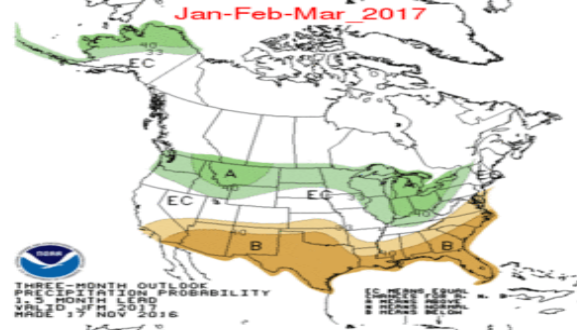




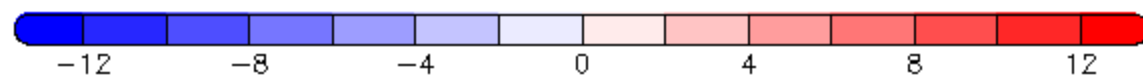
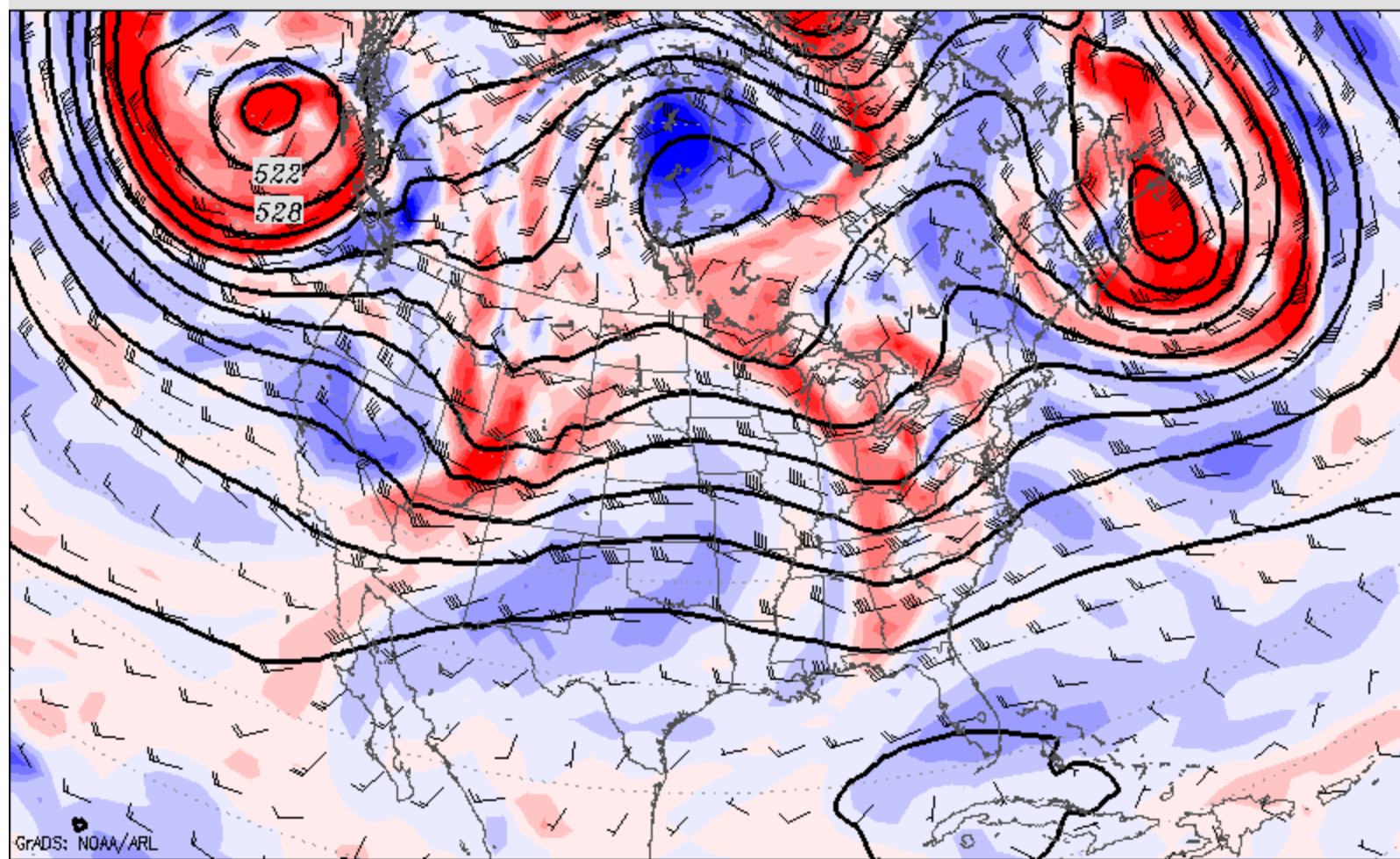








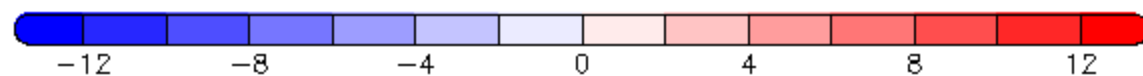
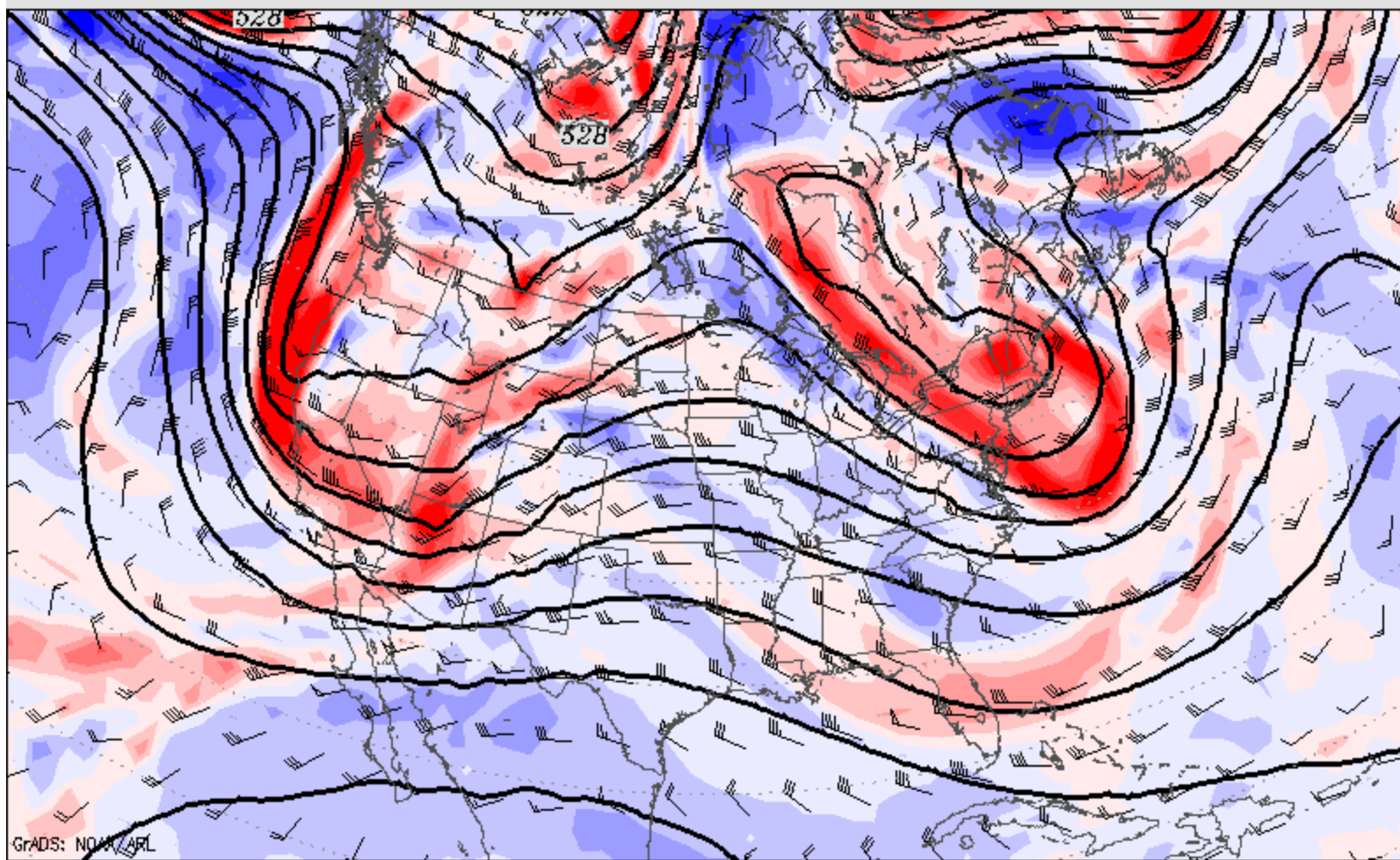
GFS 500 mb Heights, Winds & Vorticity



48Hr GFS Issued: 06Z22NOV2016 Valid: 06Z Thu 24 NOV, 2016

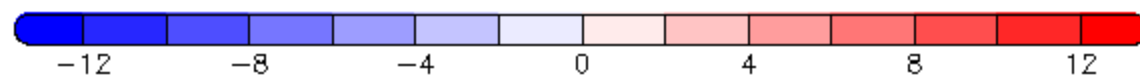
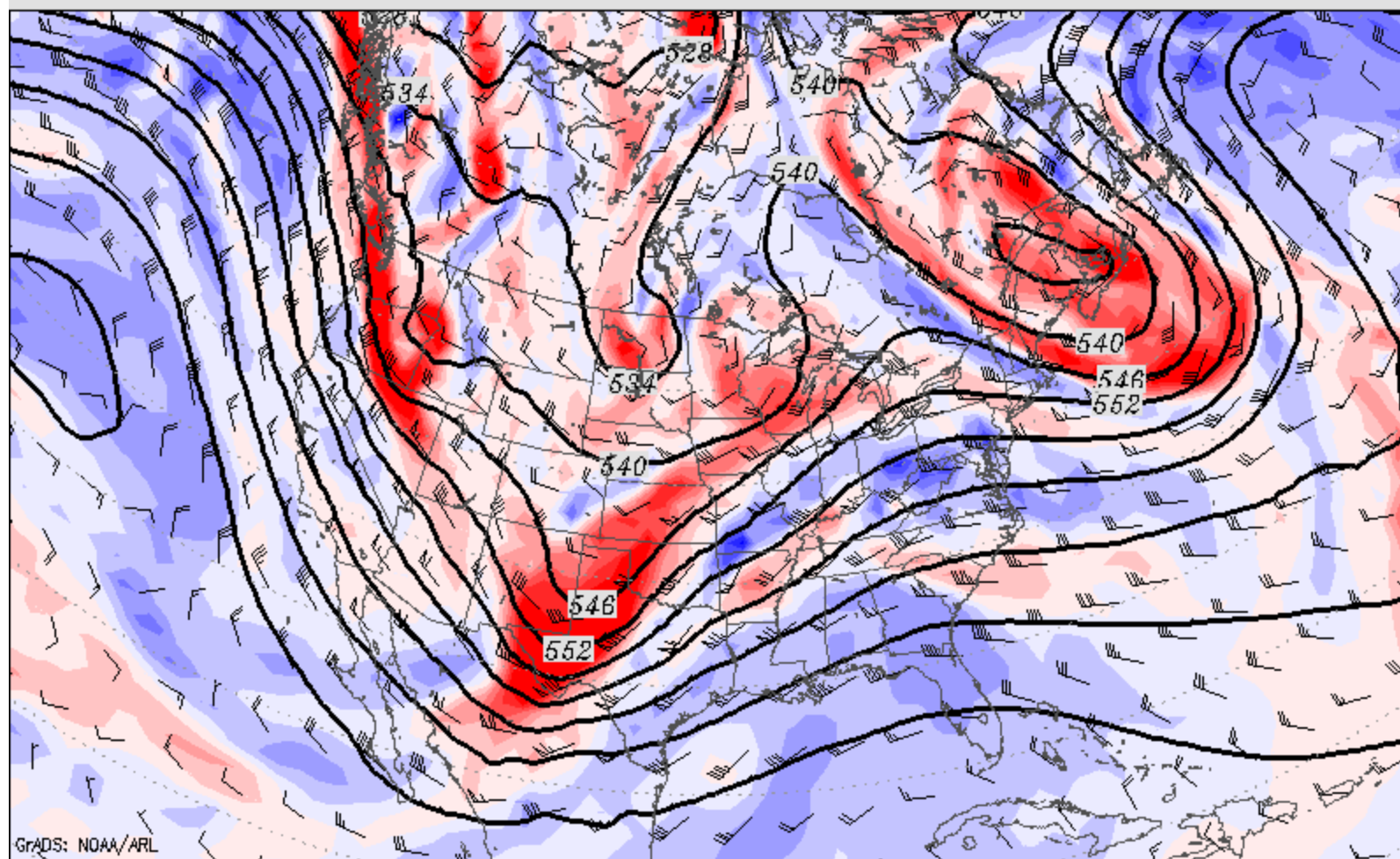
500mb Heights (dam), Wind (knt), Vorticity ($1e-5/sec$)

GFS 500 mb Heights, Winds & Vorticity



120Hr GFS Issued: 06Z22NOV2016 Valid: 06Z Sun 27 NOV, 2016 500mb Heights (dam), Wind (knt), Vorticity ($1e-5/sec$)

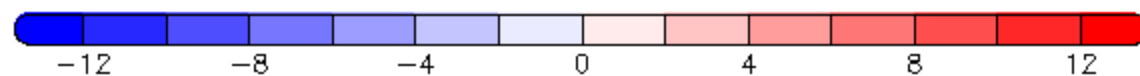
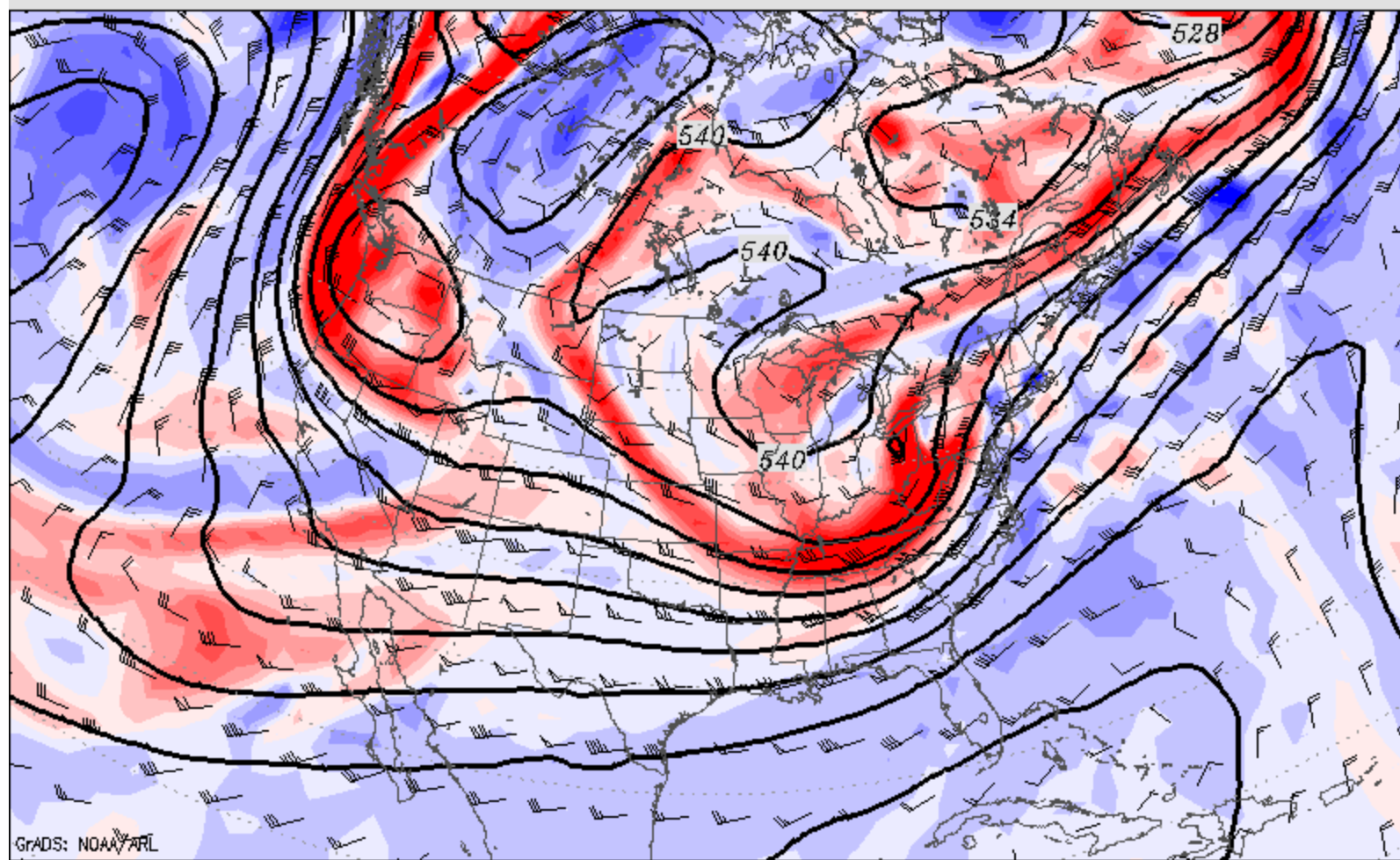
GFS 500 mb Heights, Winds & Vorticity



156Hr GFS Issued: 06Z22NOV2016 Valid: 18Z Mon 28 NOV, 2016

500mb Heights (dam), Wind (knt), Vorticity ($1e-5/sec$)

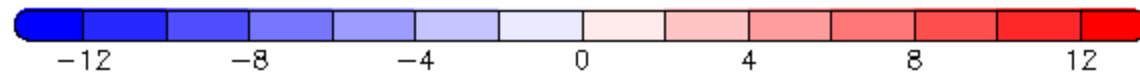
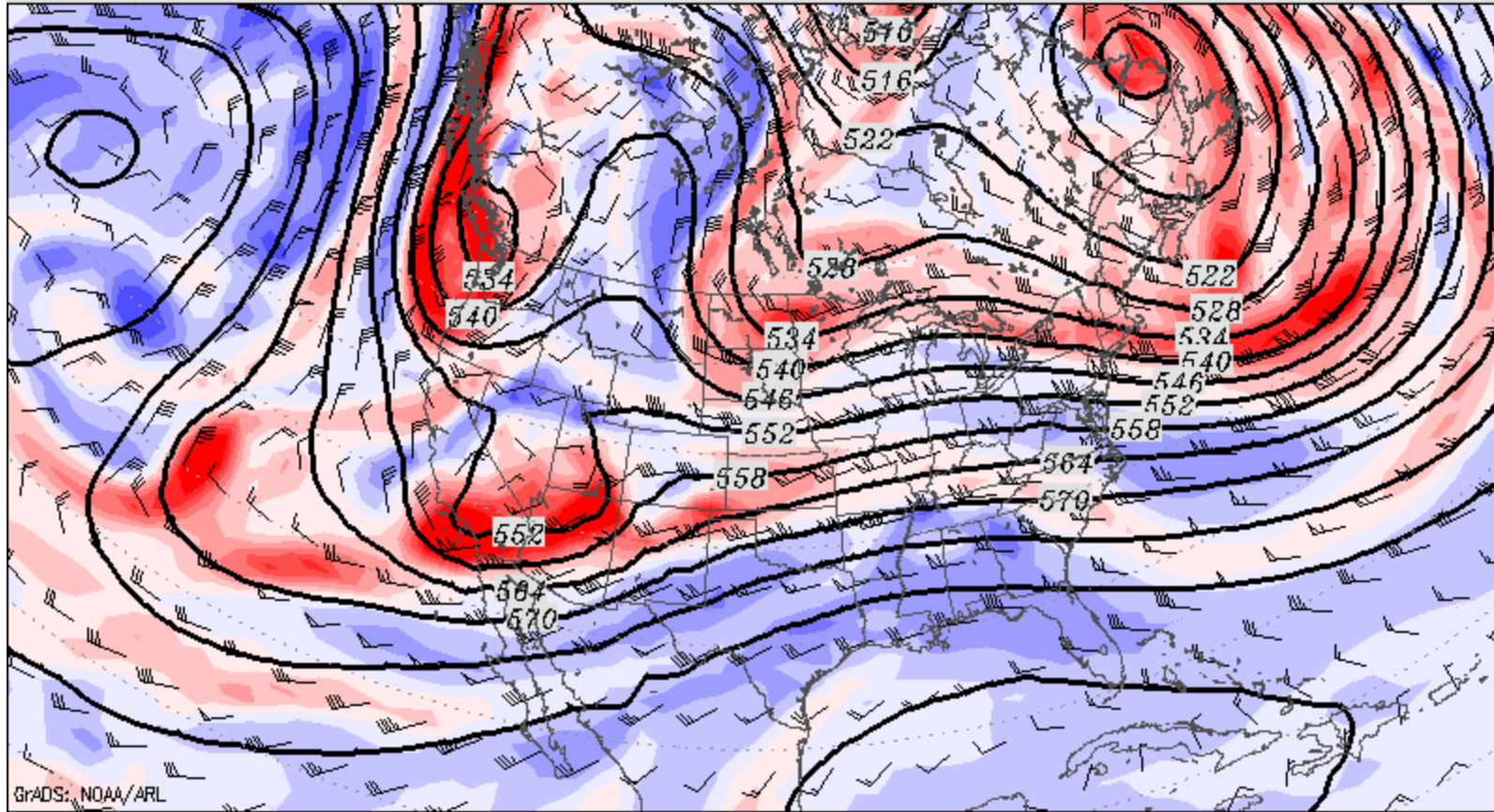
GFS 500 mb Heights, Winds & Vorticity



240Hr GFS Issued: 06Z22NOV2016 Valid: 06Z Fri 02 DEC, 2016

500mb Heights (dam), Wind (knt), Vorticity ($1e-5/\text{sec}$)

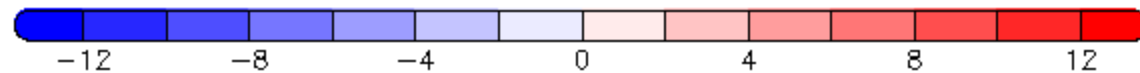
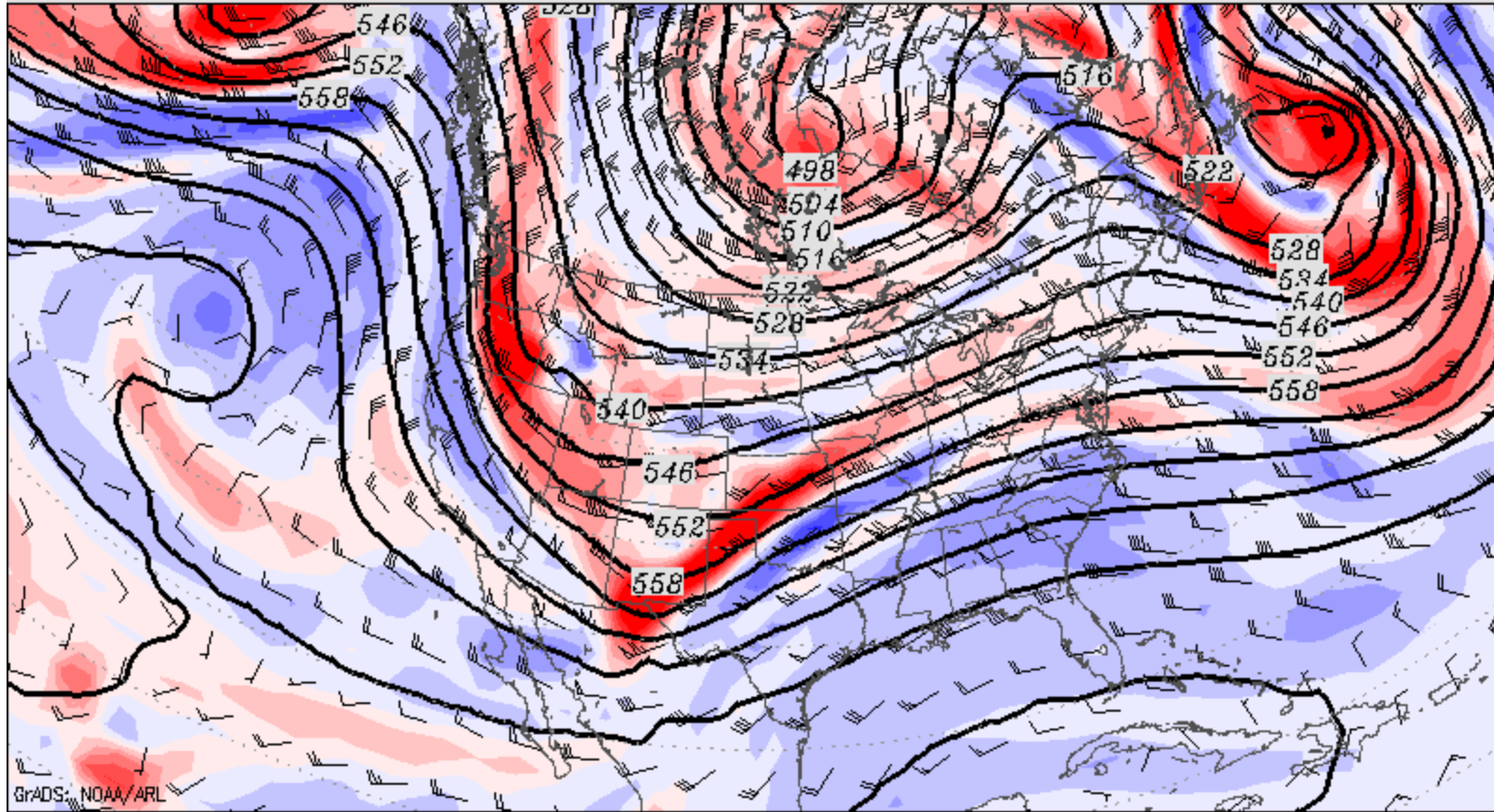
GFSLR 500 mb Heights, Winds & Vorticity



312Hr GFSLR Valid: 06Z Mon 05 DEC, 2016

500mb Heights (dam), Wind (knt), Vorticity ($1e-5/sec$)

GFSLR 500 mb Heights, Winds & Vorticity



384Hr GFSLR Valid: 06Z Thu 08 DEC, 2016

500mb Heights (dam), Wind (knt), Vorticity ($1e-5/sec$)



153 Hardin Hall | 3310 Holdrege St. | Lincoln, Nebraska

*School of Natural Resources at the University of Nebraska-
Lincoln*

nsco.unl.edu

p) 402.472.5206 e) nsco@unl.edu

Title

Heading

Text.