



Climate Outlook

National Weather Service



25th Annual Missouri River
U.S. Army Corps of Engineers, U.S. Coast Guard and
Navigators Meeting

Kansas City, Missouri
February 10, 2015

John Eise

john.eise@noaa.gov

(816) 268-3144



National Weather Service



Quick Look at this Water Year

(Oct. 1- Jan 31)

John Eise

john.eise@noaa.gov

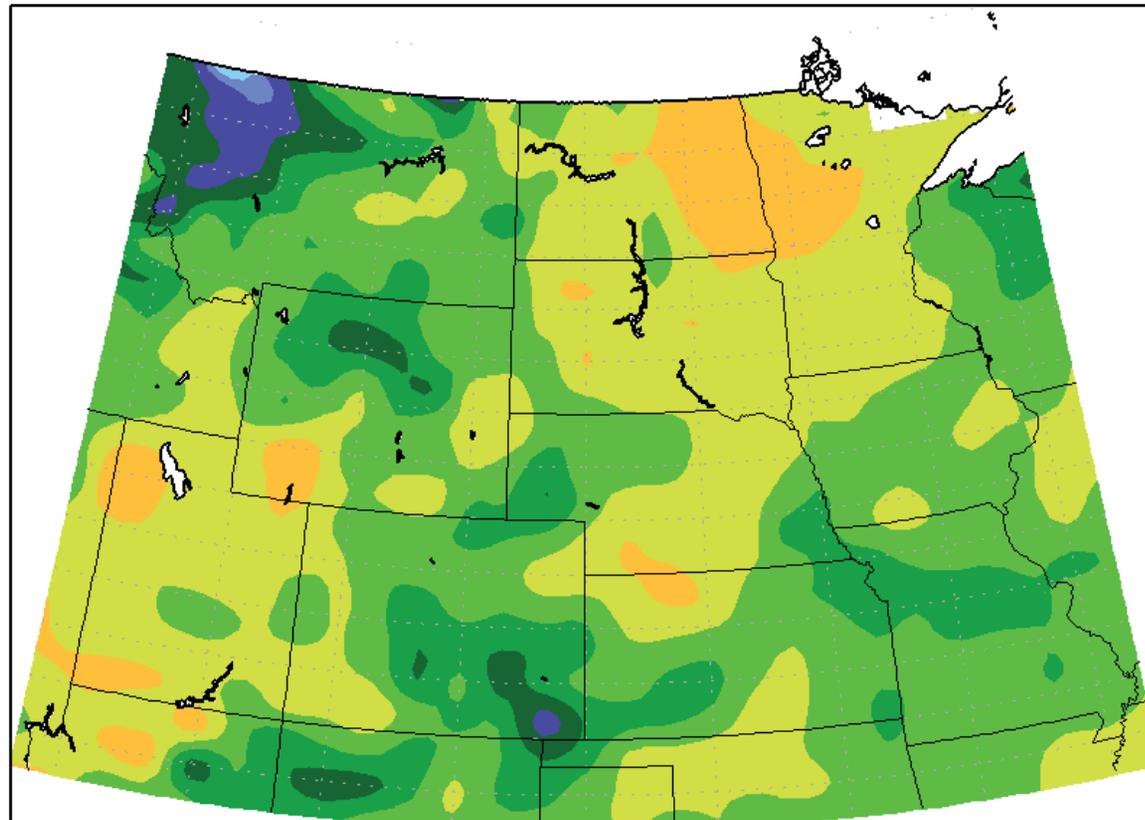
(816) 268-3144



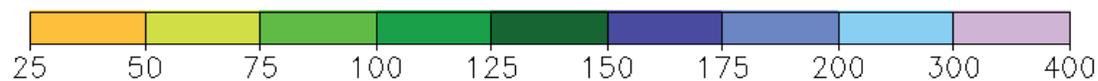
Rain and Snow Water Water Year thru Jan. 31, 2015



Accumulated Precipitation: Percent of Mean
October 1, 2014 to January 31, 2015



Mean period is 1981–2010.



Midwestern Regional Climate Center

cli-MATE: MRCC Application Tools Environment

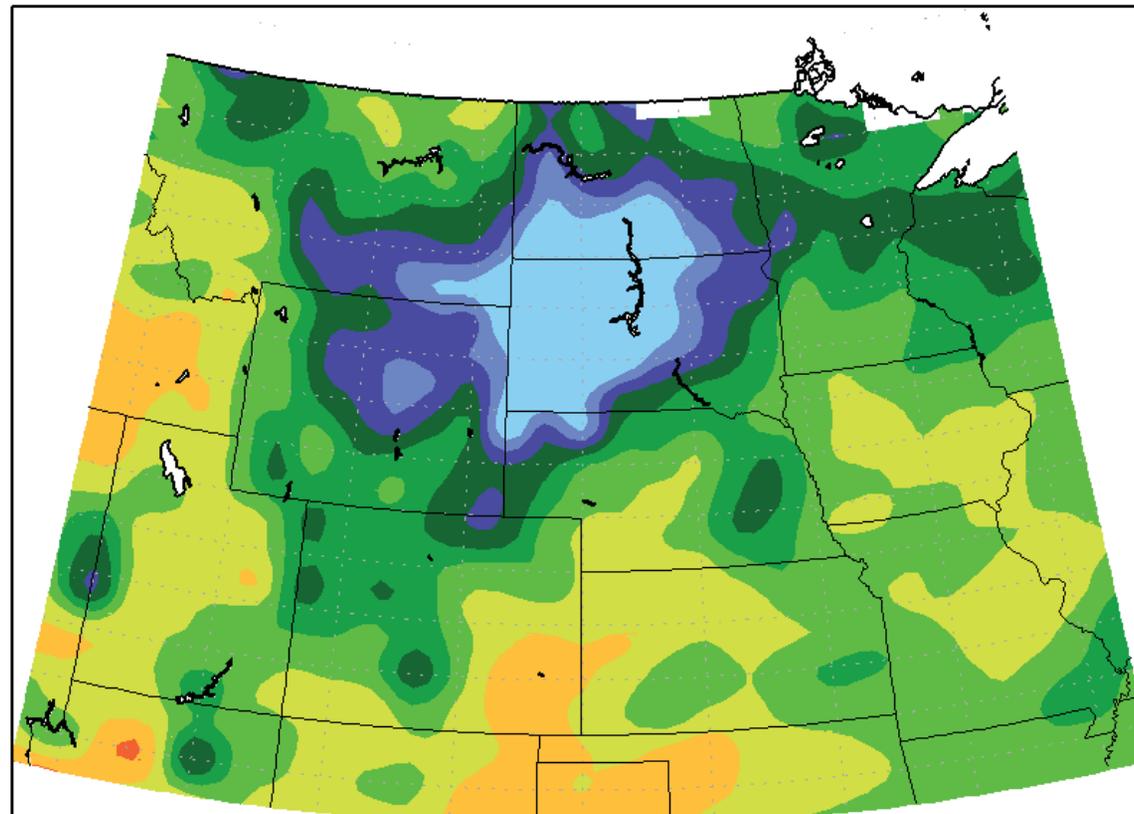
Generated at: 2/2/2015 9:21:01 AM CST



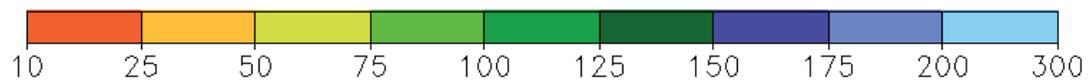
Rain and Snow Water Water Year thru Jan. 31, 2014



Accumulated Precipitation: Percent of Mean
October 1, 2013 to January 31, 2014



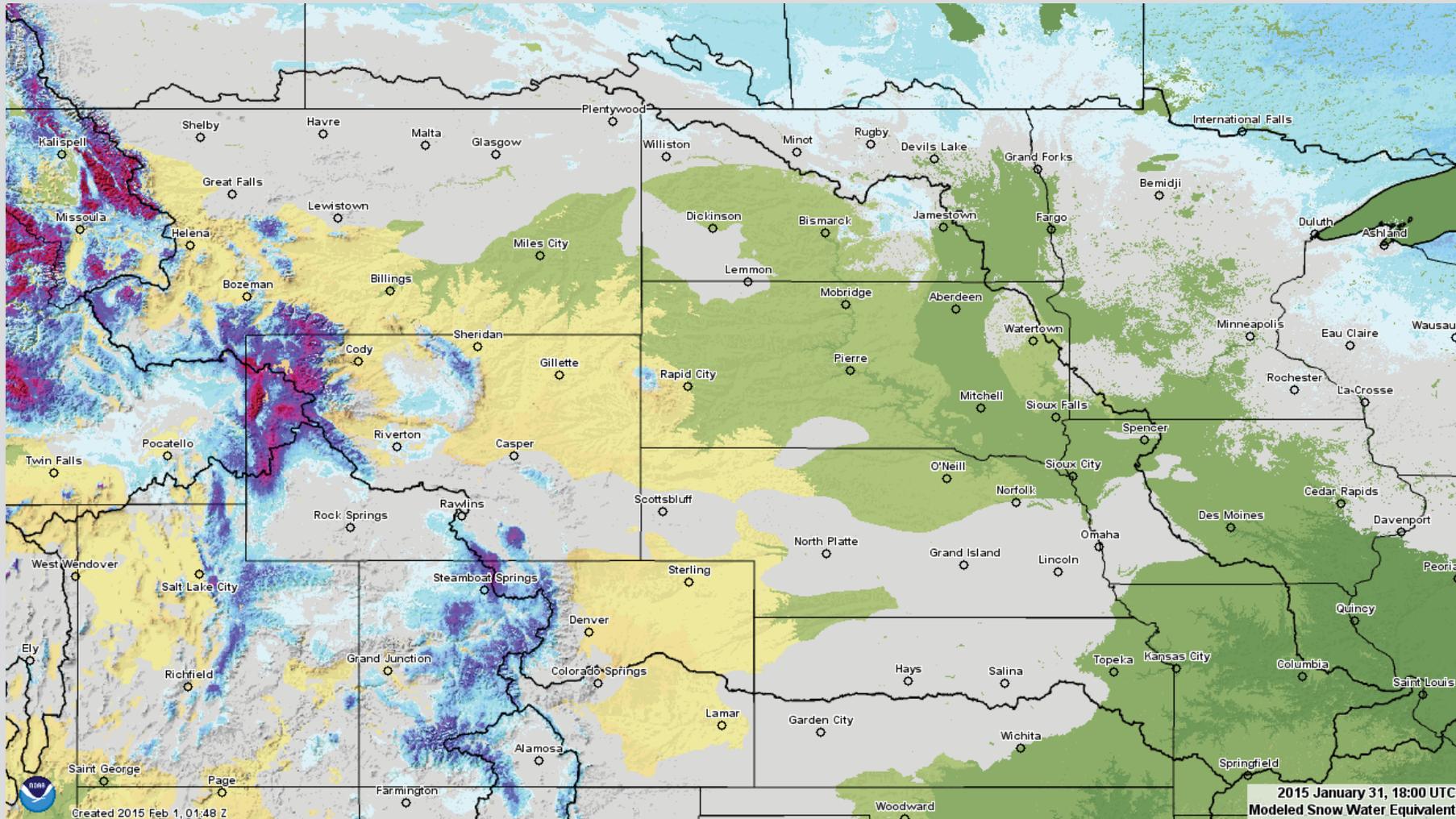
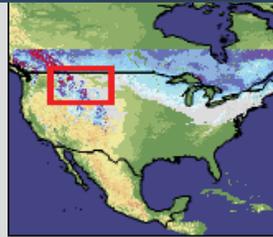
Mean period is 1981–2010.



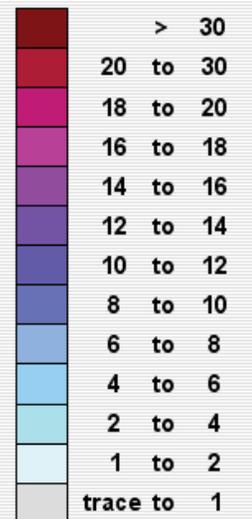
Midwestern Regional Climate Center
cli-MATE: MRCC Application Tools Environment
Generated at: 2/2/2015 9:24:09 AM CST



Snow Water January 31, 2015



Inches of water equivalent



Not Estimated

Elevation in feet



2015 January 31, 18:00 UTC
Modeled Snow Water Equivalent

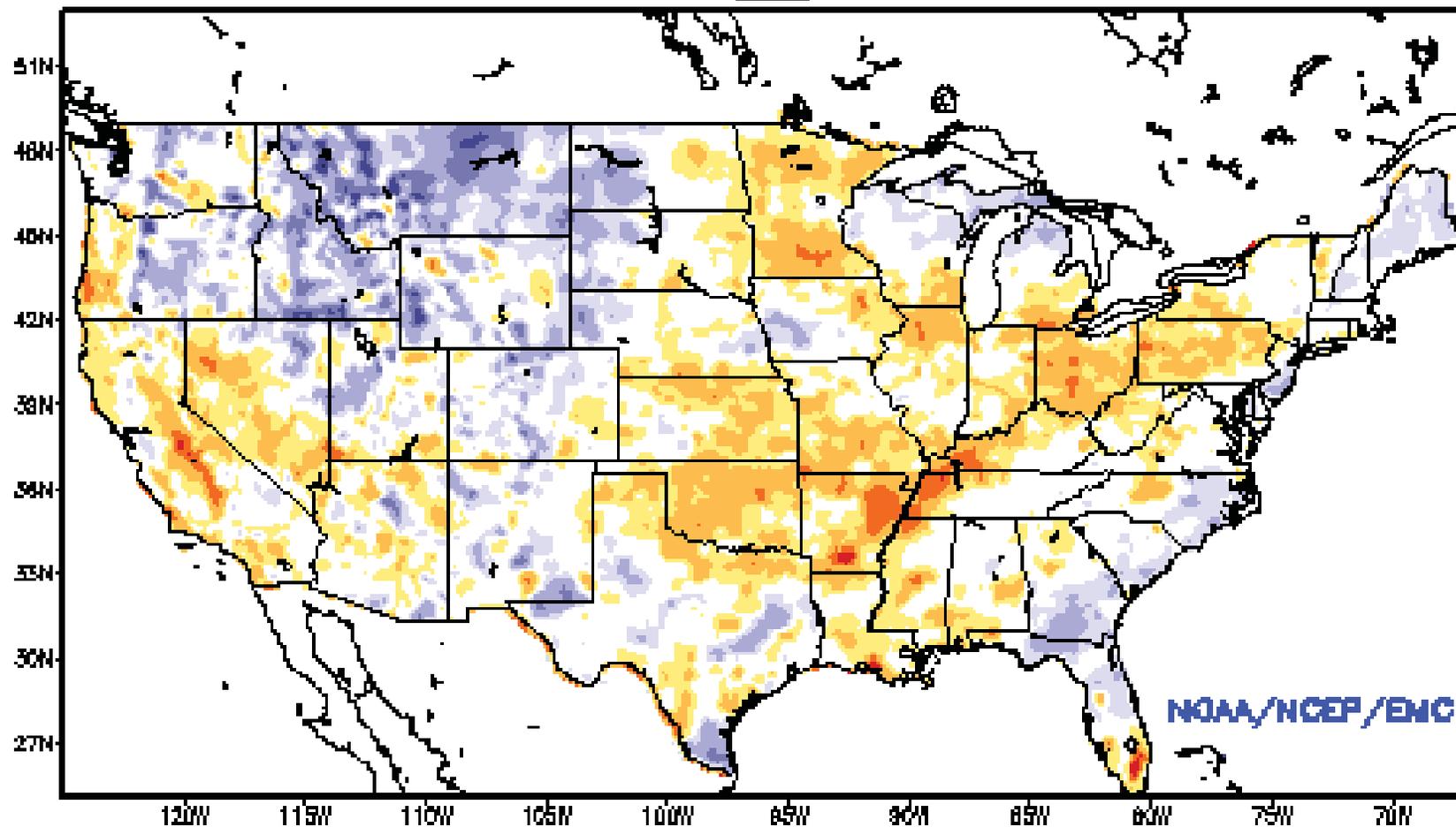
Created 2015 Feb 1, 01:48 Z



Soil Moisture – Total Column Per Cent of Normal

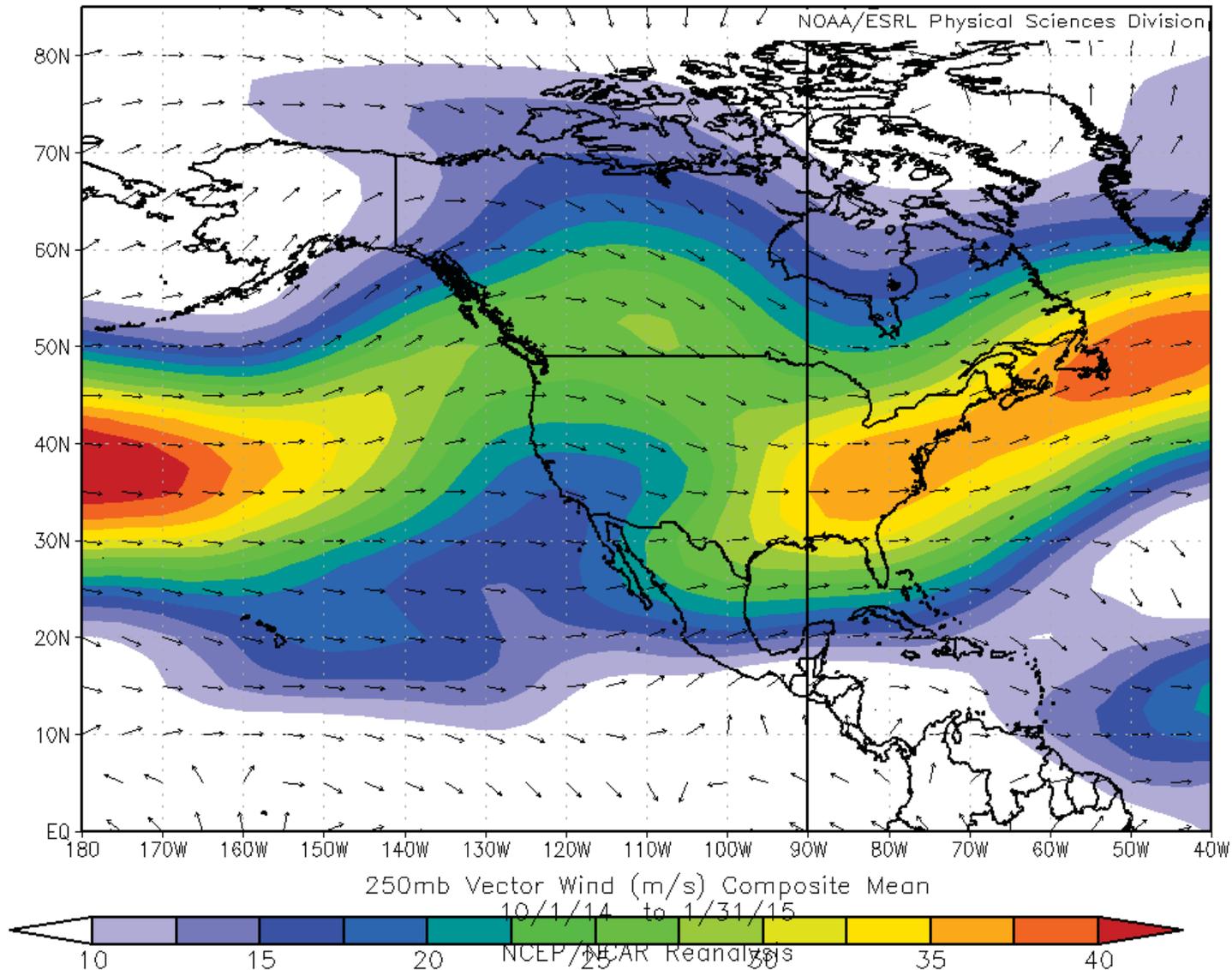


Ensemble-Mean – Current Total Column Soil Moisture Anomaly (mm)
NCEP NLDAS Products ___ Valid: JAN 28, 2015





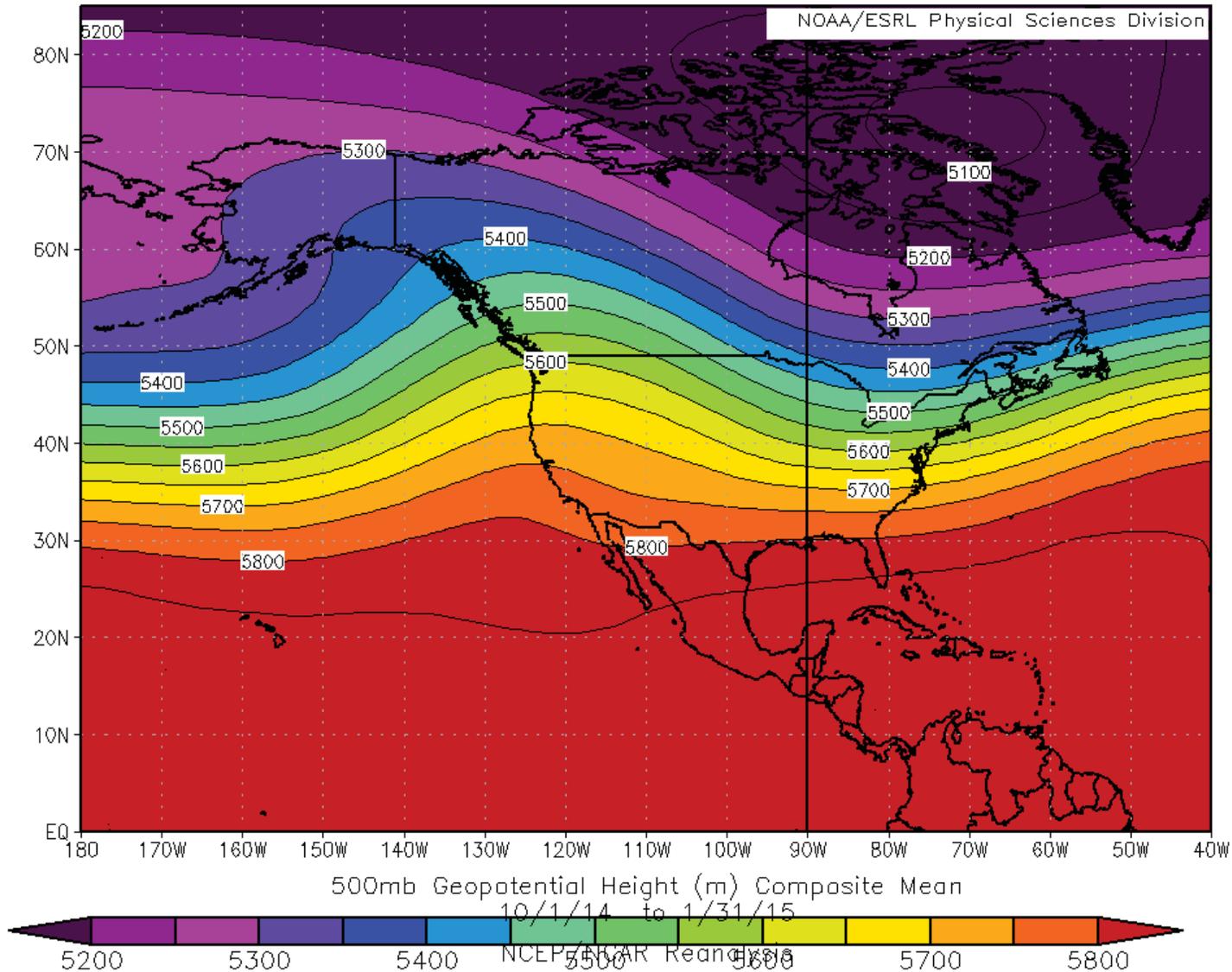
250 mb Mean Winds This Water Year





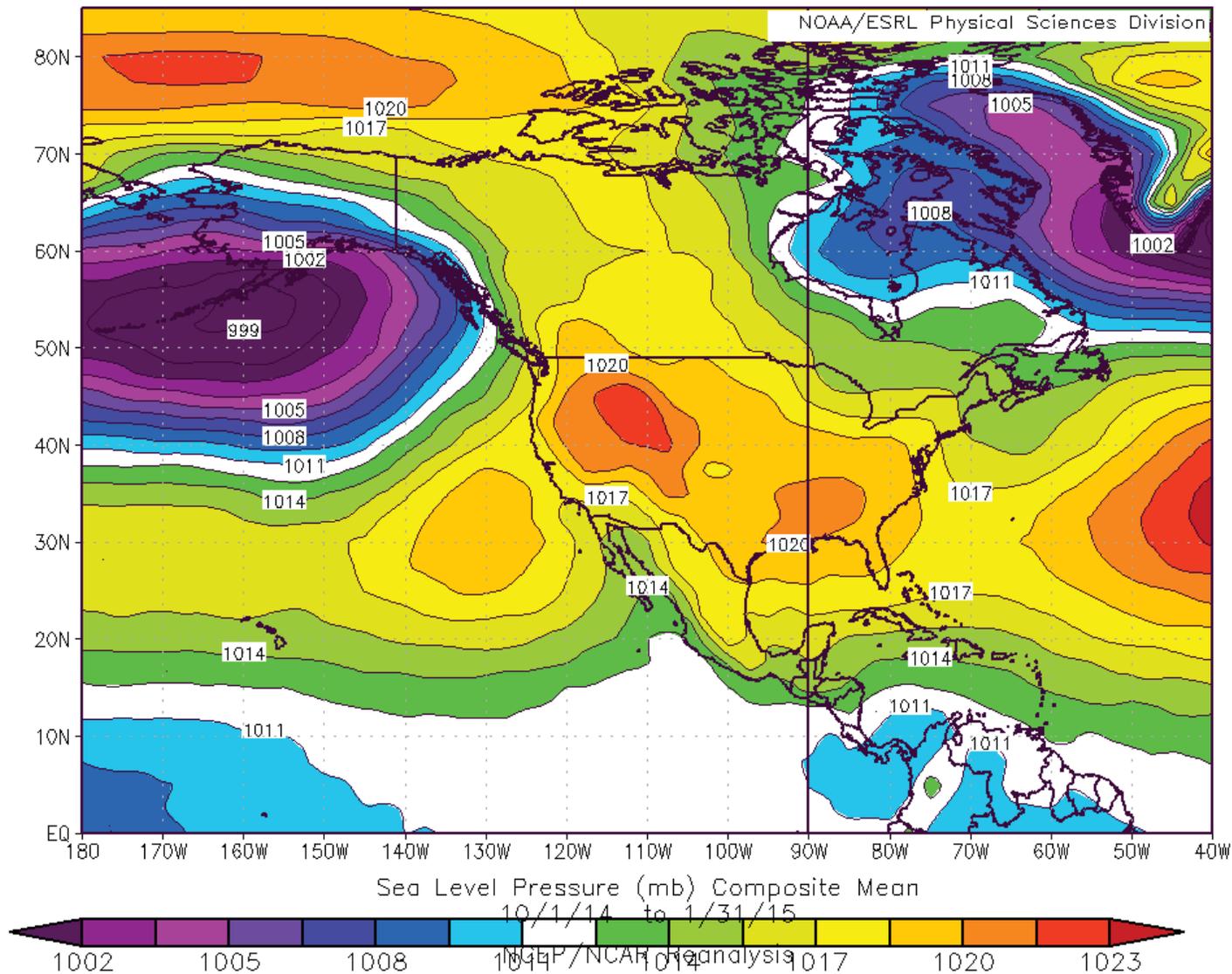
500 mb

Mean Geopotential Heights





Surface Mean Sea Level Pressure





National Weather Service



Outlooks

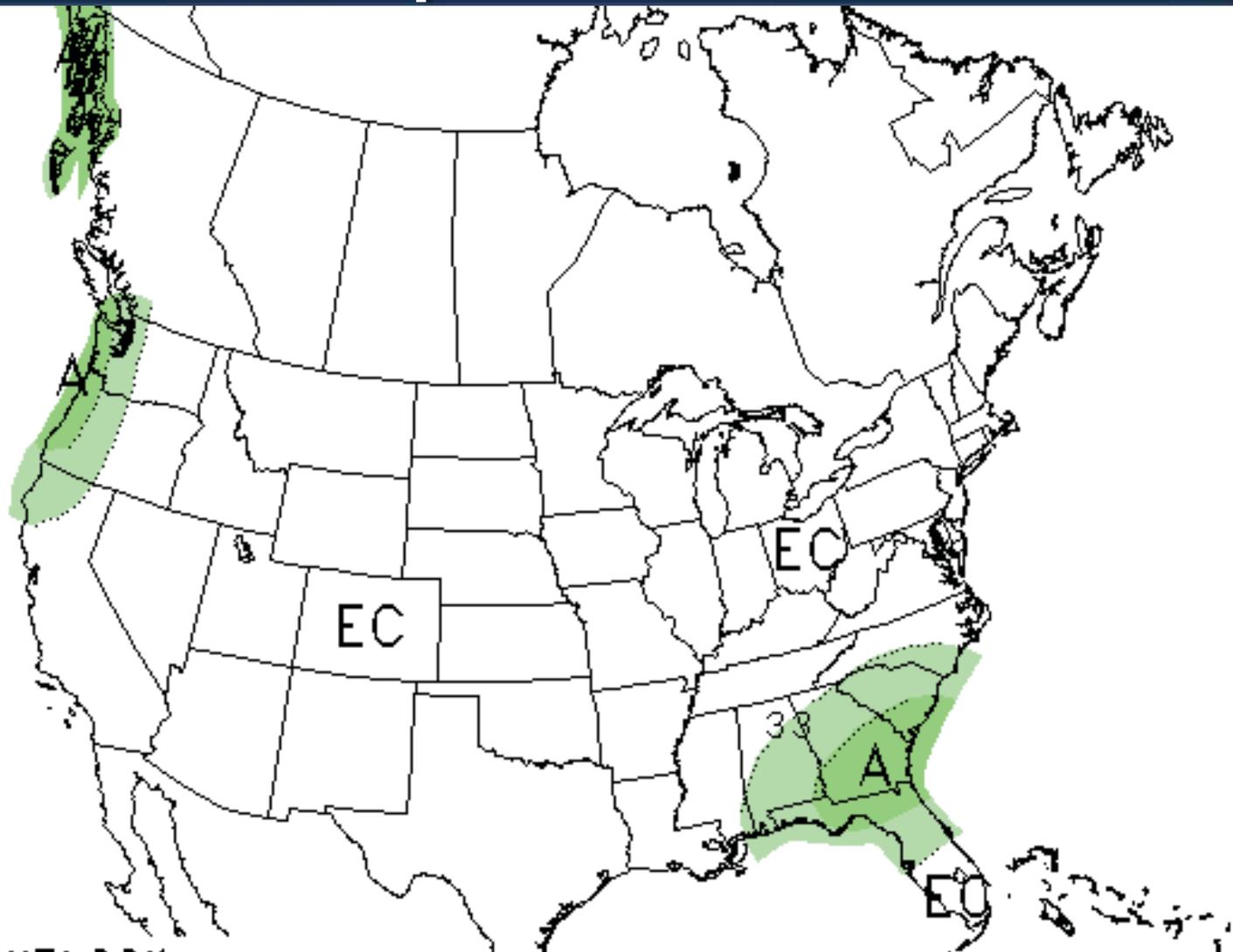
John Eise

john.eise@noaa.gov

(816) 268-3144



February Outlook Precipitation

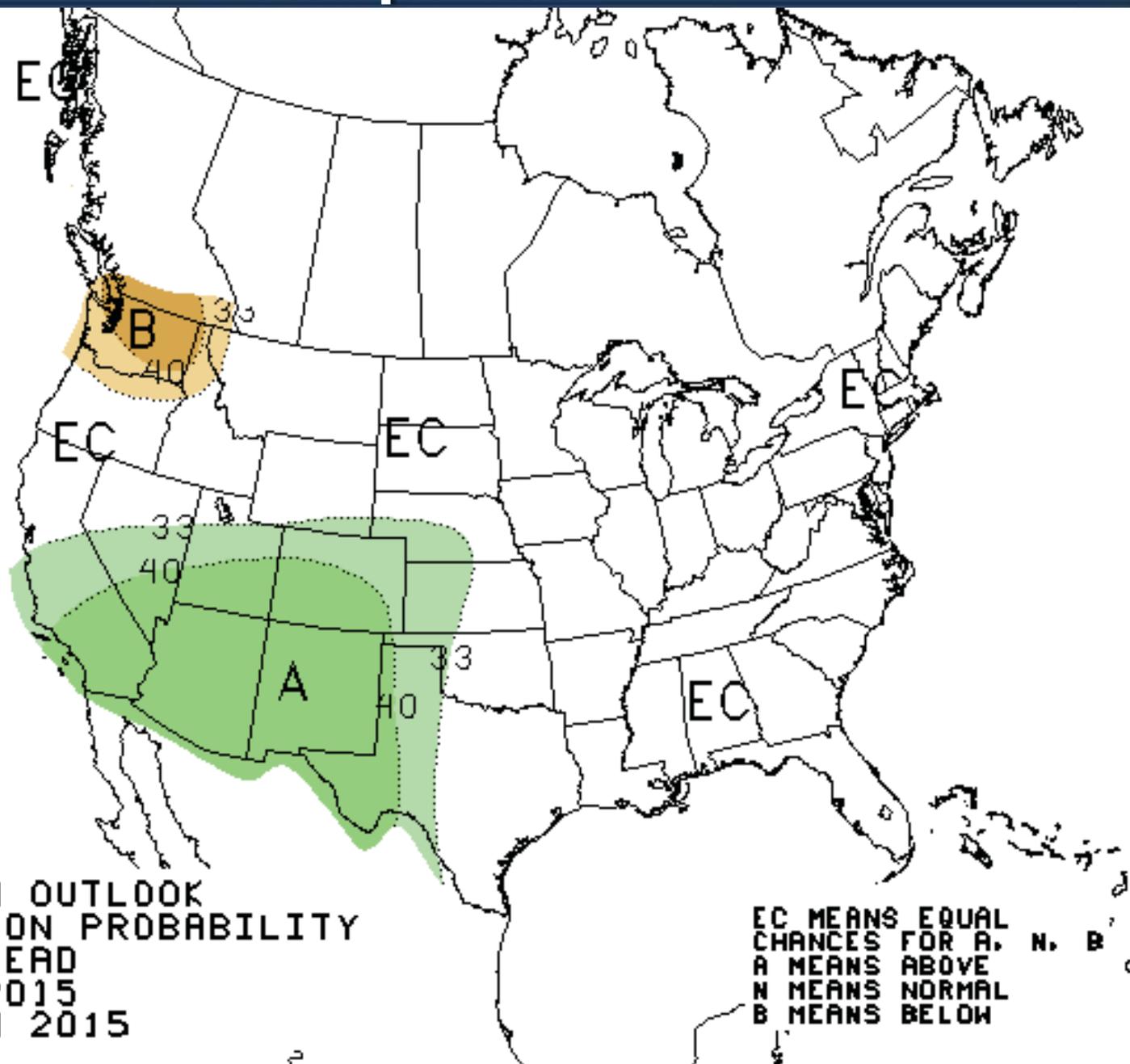


ONE-MONTH OUTLOOK
PRECIPITATION PROBABILITY
0.0 MONTH LEAD
VALID FEB 2015
MADE 31 JAN 2015

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



February thru April Outlook Precipitation

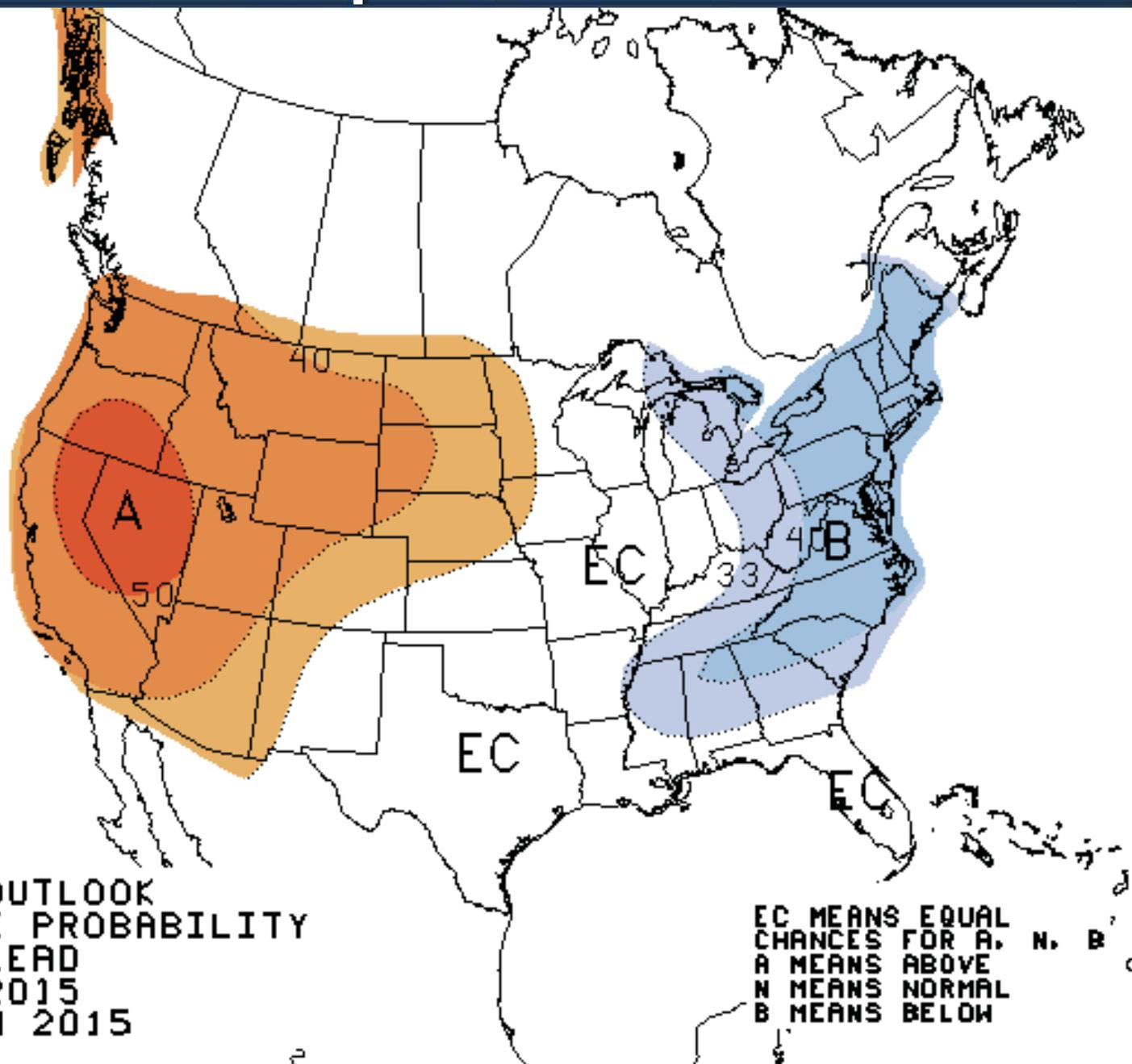


THREE-MONTH OUTLOOK
 PRECIPITATION PROBABILITY
 0.5 MONTH LEAD
 VALID FMA 2015
 MADE 15 JAN 2015

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



February Outlook Temperature

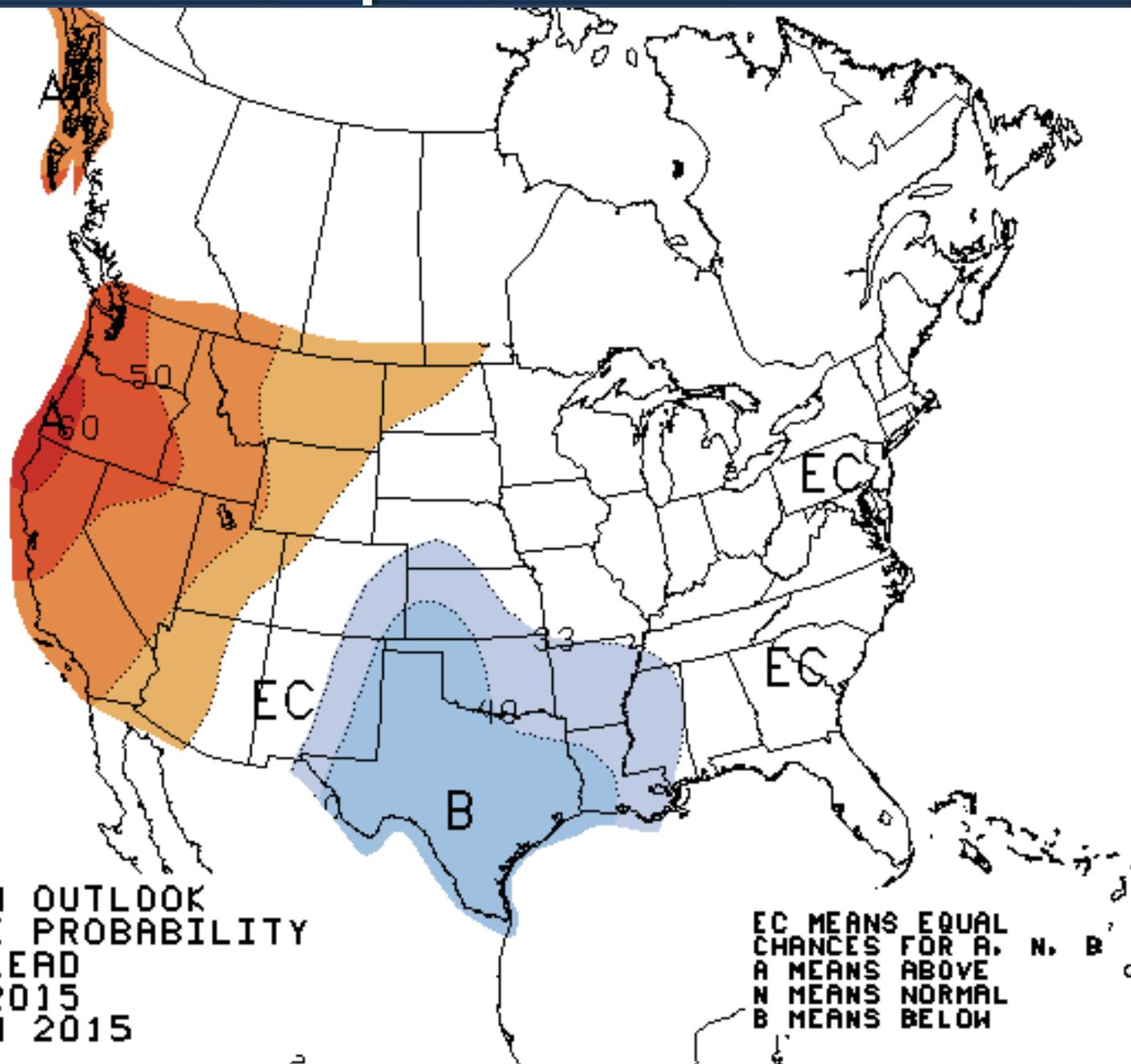


ONE-MONTH OUTLOOK
 TEMPERATURE PROBABILITY
 0.0 MONTH LEAD
 VALID FEB 2015
 MADE 31 JAN 2015

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



February thru April Outlook Temperature



THREE-MONTH OUTLOOK
TEMPERATURE PROBABILITY
0.5 MONTH LEAD
VALID FMA 2015
MADE 15 JAN 2015

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



Questions?



Contact

John Eise
Deputy Chief and
Climate Services Program Manager
Scientific Services Division
National Weather Service

john.eise@noaa.gov

(816) 268-3144

Latest Climate Updates

<http://goo.gl/KvrLIq>

or

<https://sites.google.com/a/noaa.gov/nws-cr-ssd/home/climate/climate-monitoring>



Biography



John Eise

Mr. Eise is the Deputy Chief of Scientific Services and the Climate Services Manager at the National Weather Service Central Region Headquarters in Kansas City, Missouri. John is responsible for overseeing science, training, and professional development, as well as the climate programs across the central United States.

Mr. Eise has worked with the National Weather Service for over 30 years. He started out at the NWS in St. Louis, Missouri in 1978 and worked summers in the Fire Weather Program in Alaska from 1980-1982 while completing his B.S. and M.S. in meteorology at St. Louis University. By late 1982, he became a full-time Fire Weather and Avalanche/Mountain weather forecaster with the University of Alaska at the NWS office in Anchorage, Alaska. In 1985, John joined the NWS in Anchorage before moving to the NWS St. Louis office as a weather forecaster and computer systems manager in 1988. John moved to Amarillo, Texas in 1990 as the Science and Operations Officer and was instrumental in the modernization of the NWS at that time. By 1993, he transferred to the Milwaukee, Wisconsin NWS office as their Science and Operations Officer and developed an interest in the climate sciences during this time. After a 4-year stint as Meteorologist-in-Charge at the NWS in Cheyenne, Wyoming, John moved to Kansas City, Missouri to the position he holds today.

