Ed Kieser AMS CERTIFIED

WILL am 580

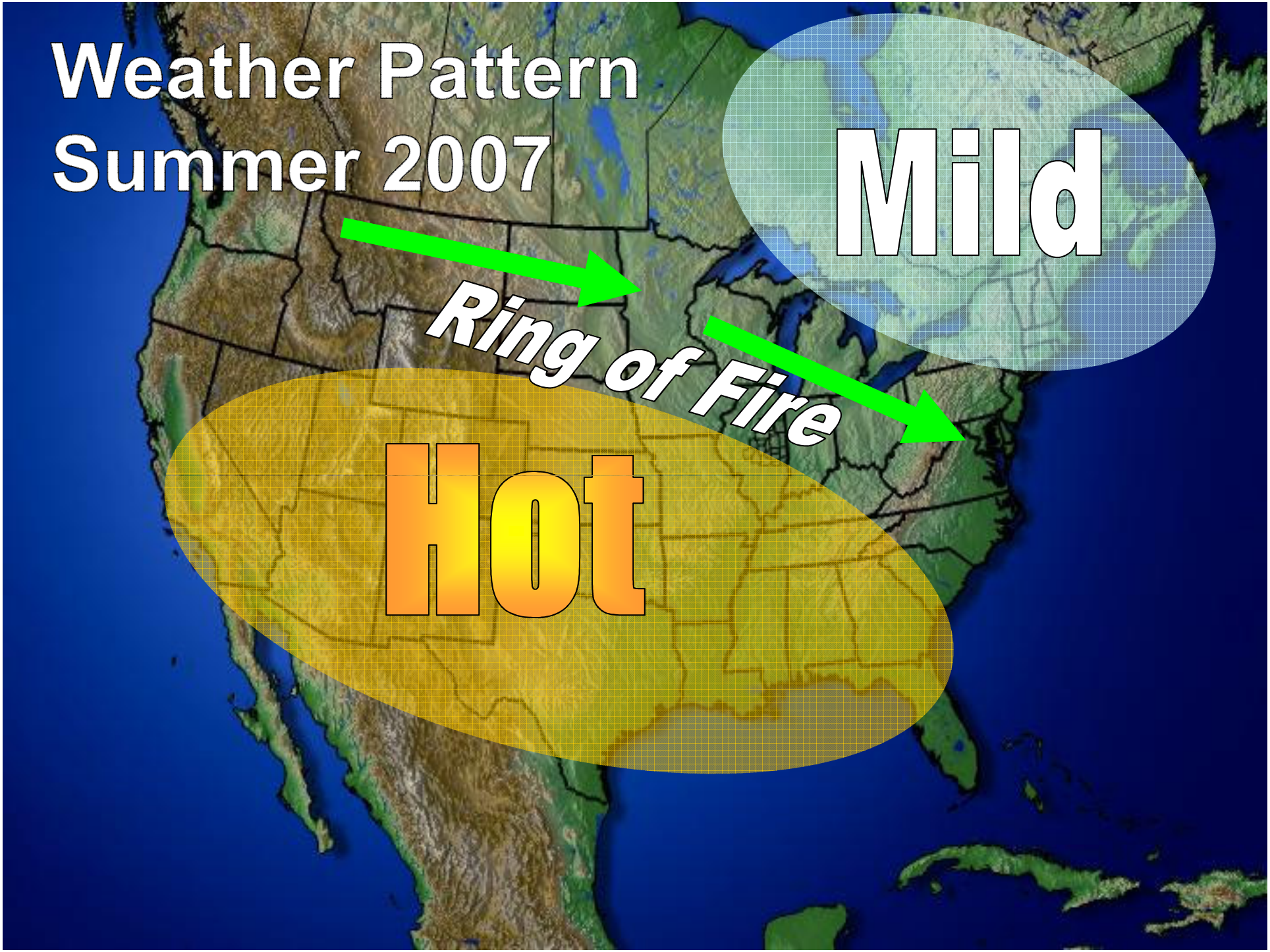
presents

Weather Update

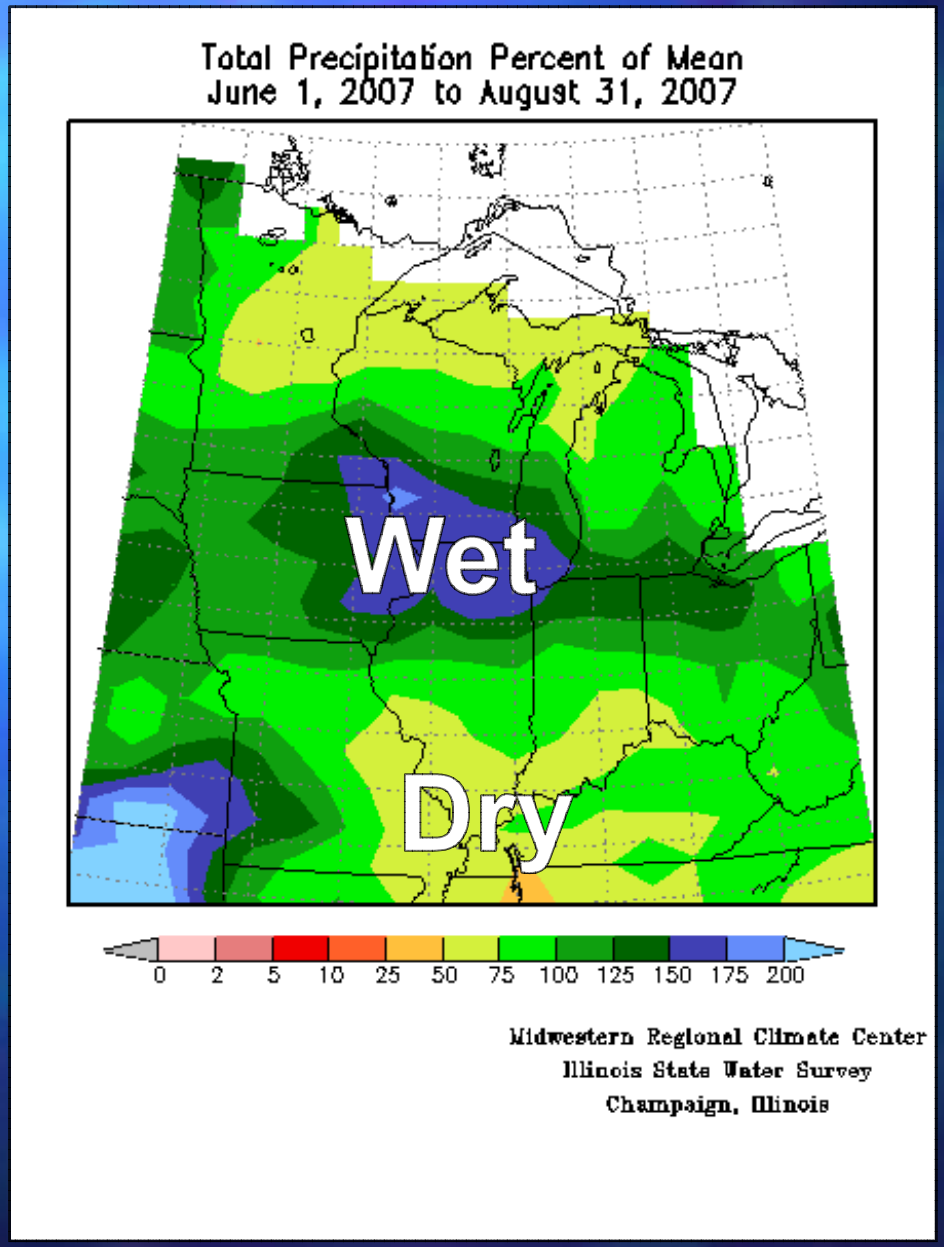
WILL All-Day Ag Outlook Meeting

March 4, 2008

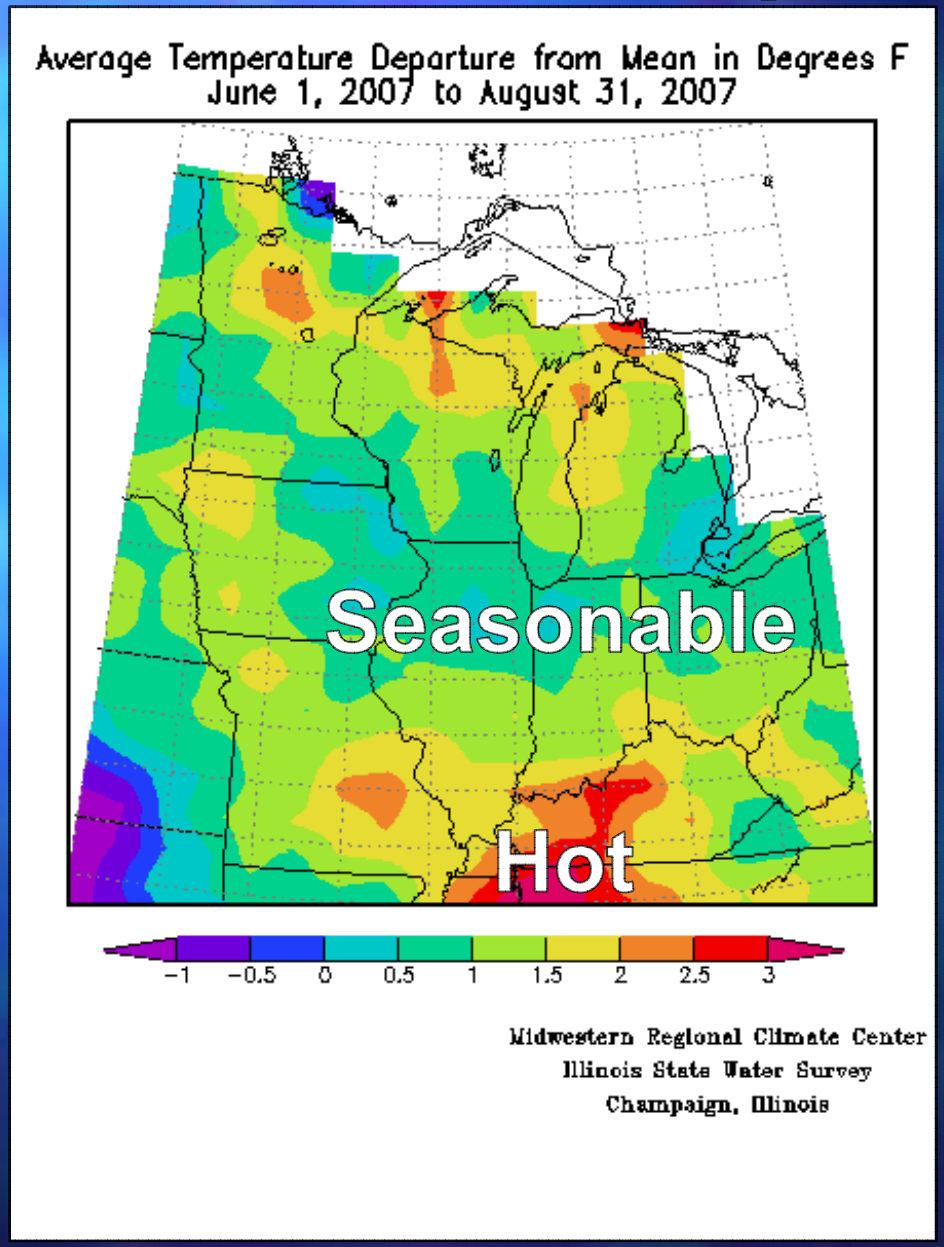
Looking Back


Weather Pattern
Summer 2007
Mild
Ring of Fire
Hot

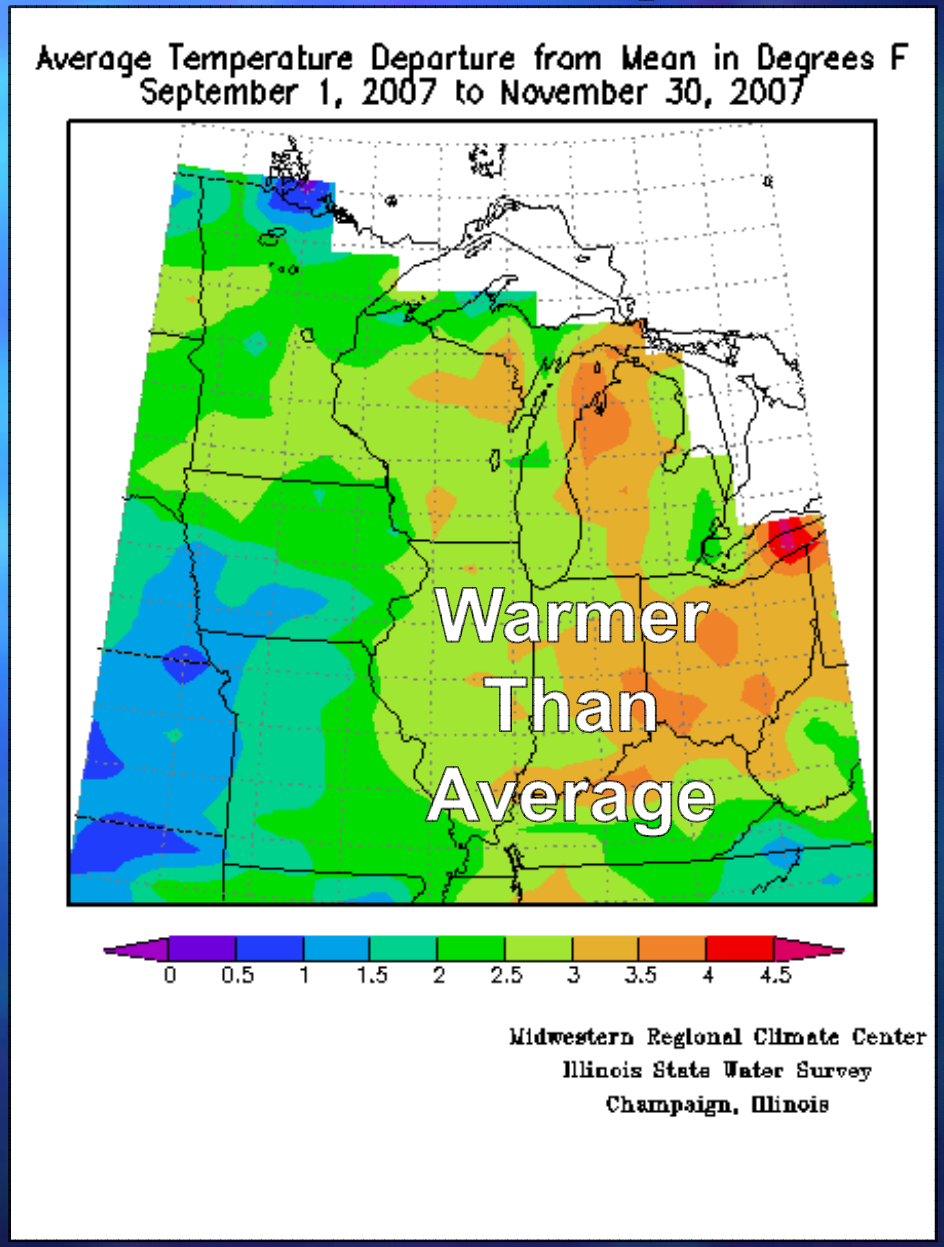
Summer 2007 – Rainfall



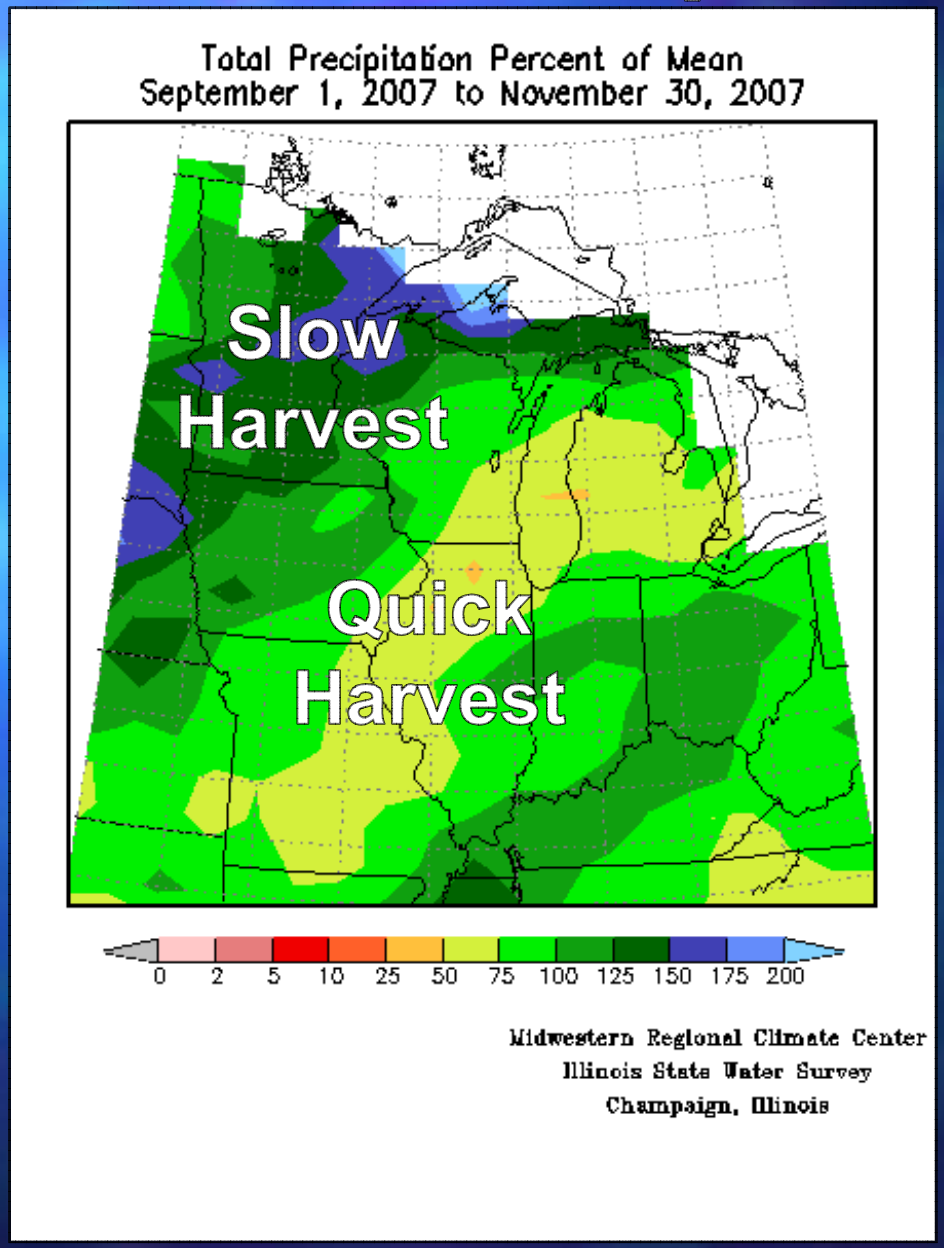
Summer 2007 - Temperature



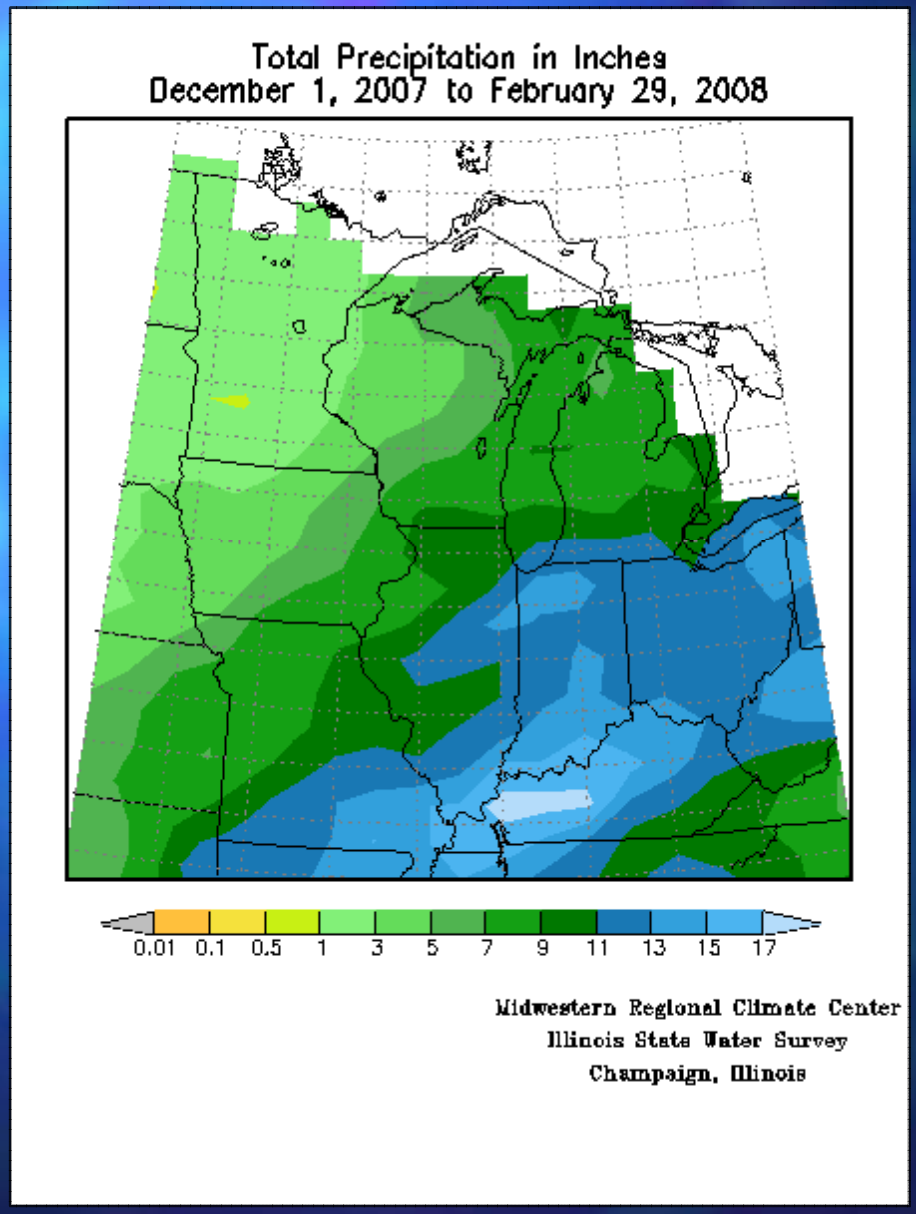
Fall 2007 - Temperature



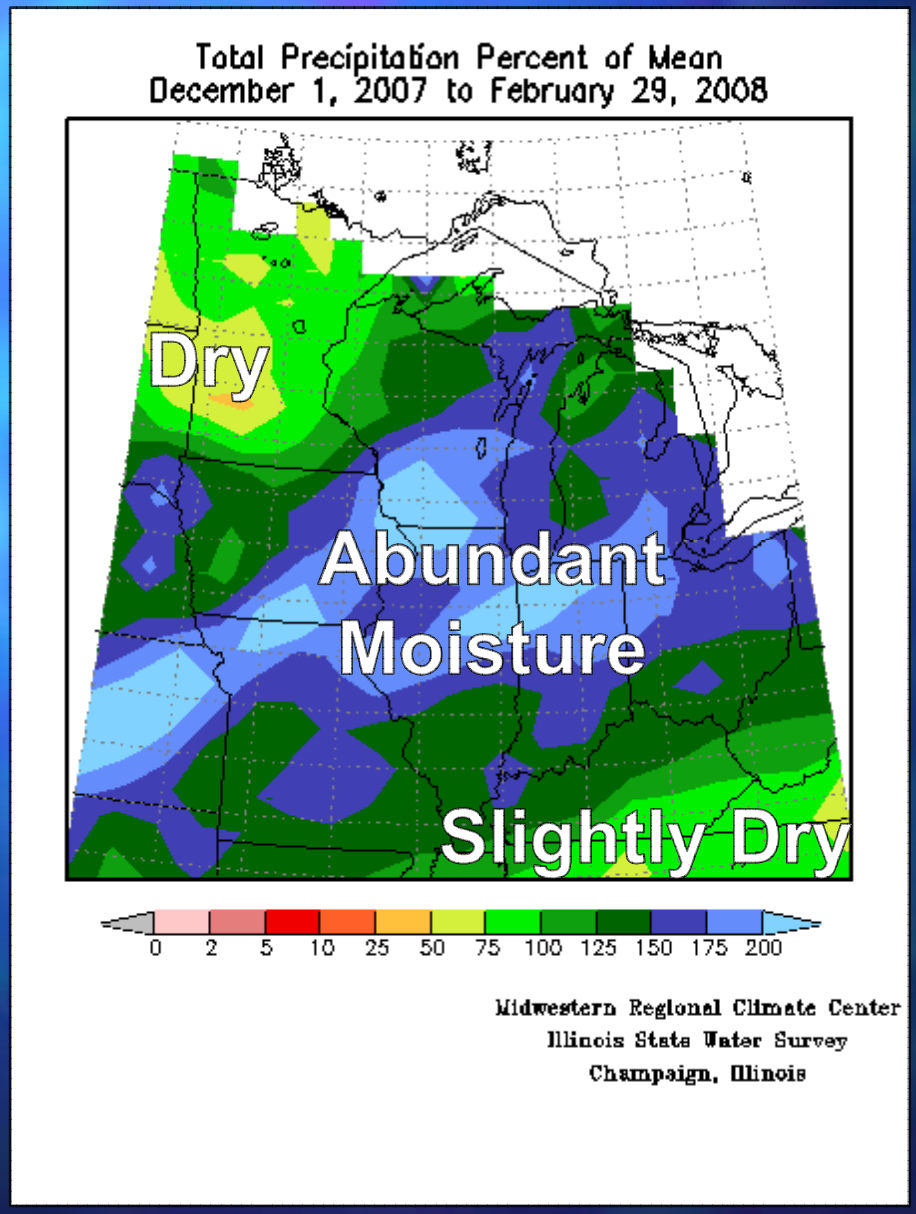
Fall 2007 - Precipitation



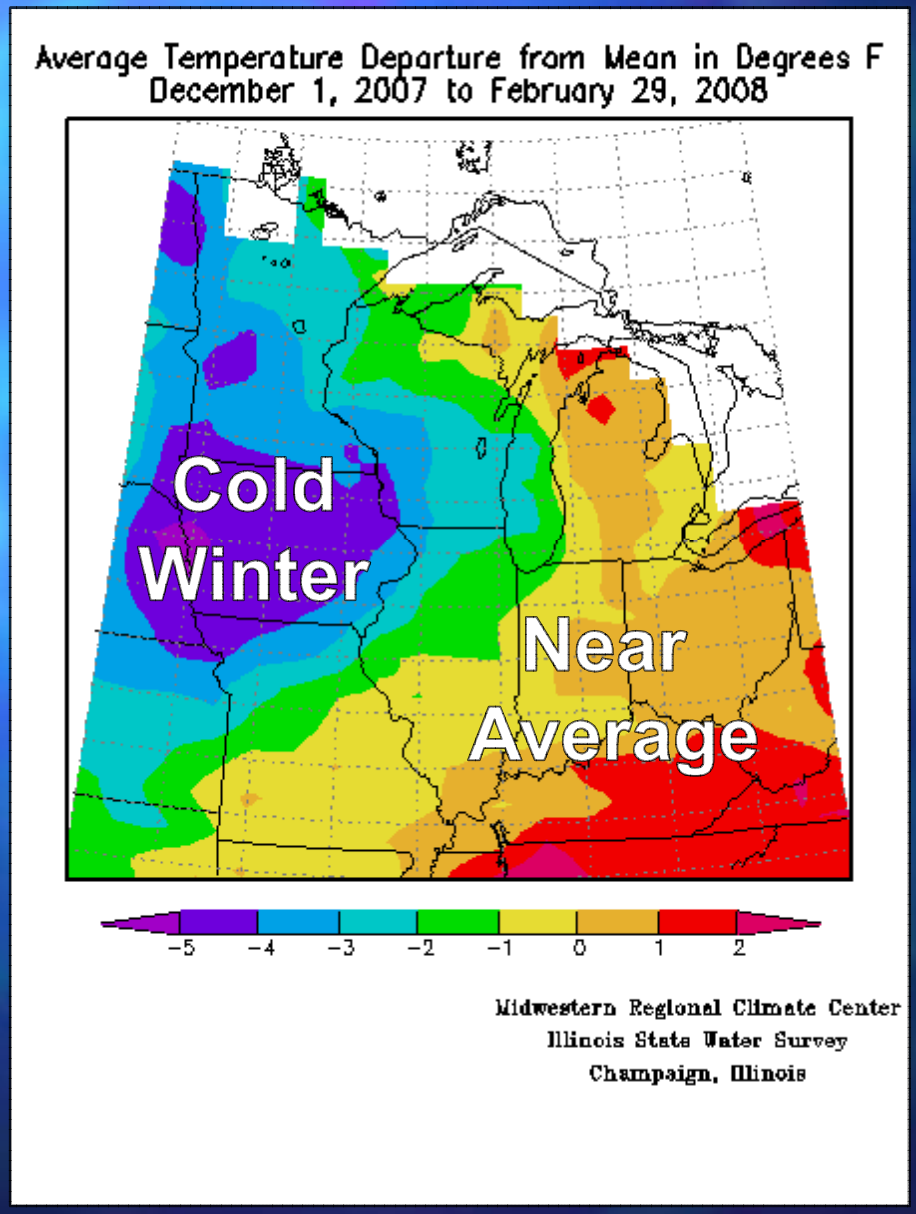
Winter 2007-2008 - Precipitation



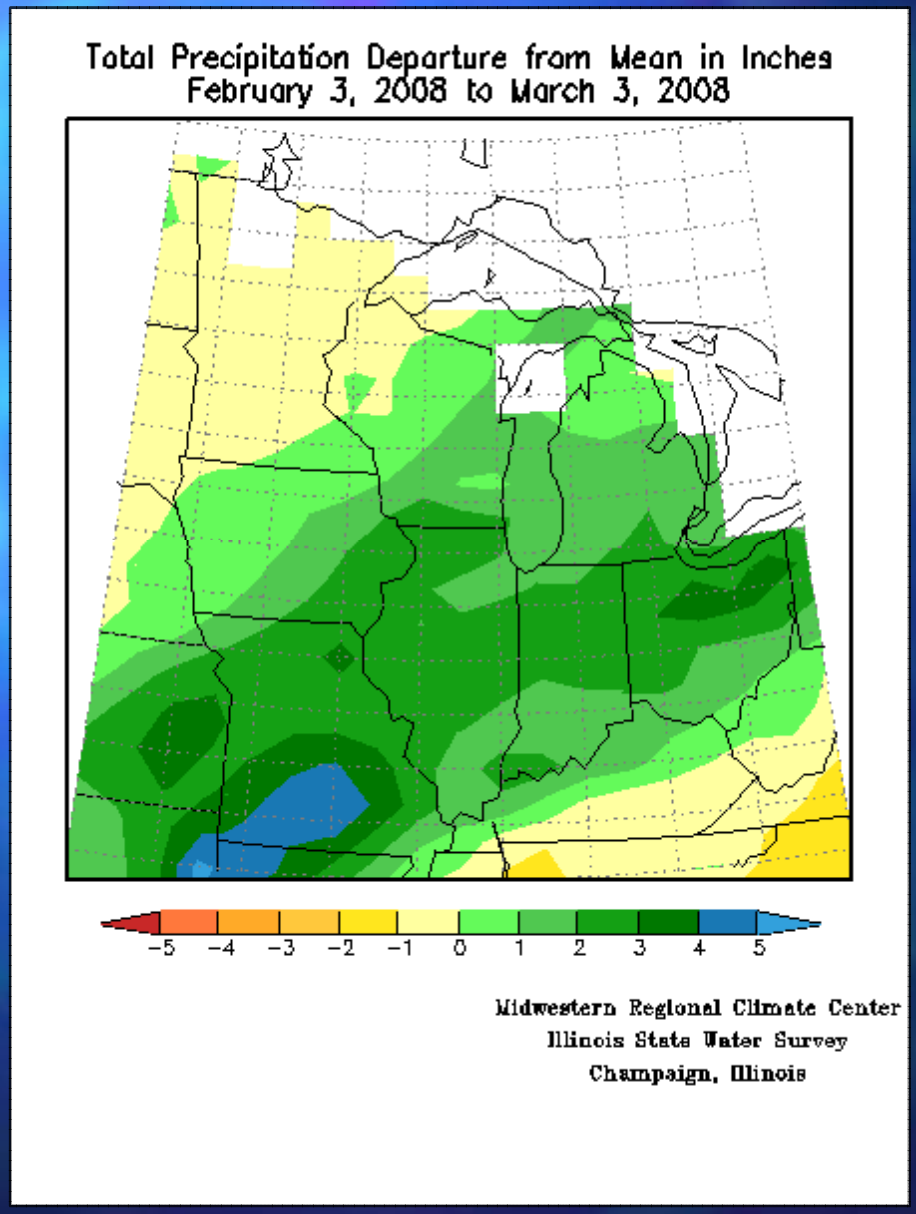
Winter 2007-2008 - Precipitation



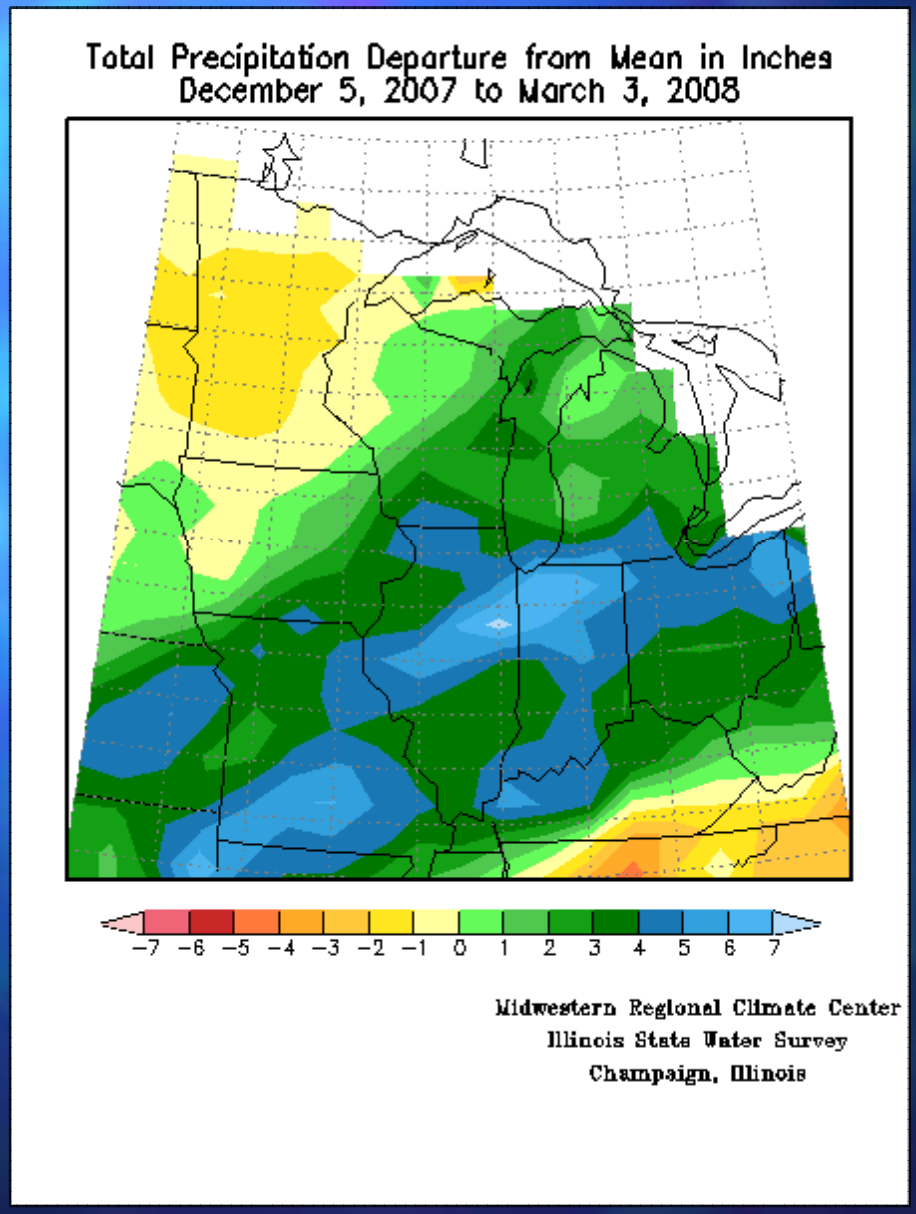
Winter 2007-2008 - Temperature



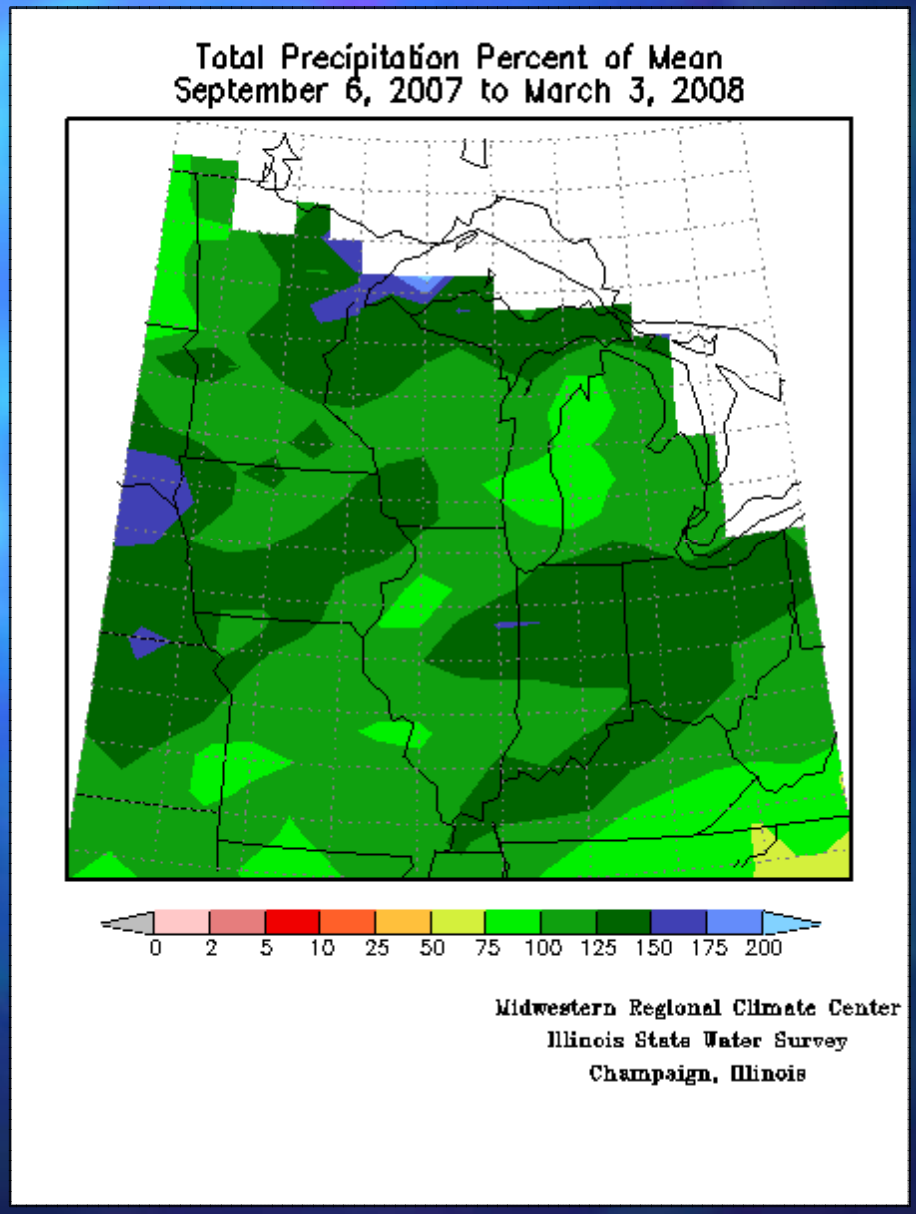
30-Day Precipitation Departure



90-Day Precipitation Departure



180-Day Precipitation Departure



South America


Brazil
Bahia
Mato Grosso
Peru
Bolivia
Goias
Minas Gerais
Mato Grosso
do Sul
Sao Paulo
Paraguay
Parana
Santiago
Del
Estero
Santa
Fe
Santa Catarina
Rio Grande
do Sul
Entre
Rios
Cordoba
Chile
Uruguay
Buenos
Aires
La Pampa
Argentina

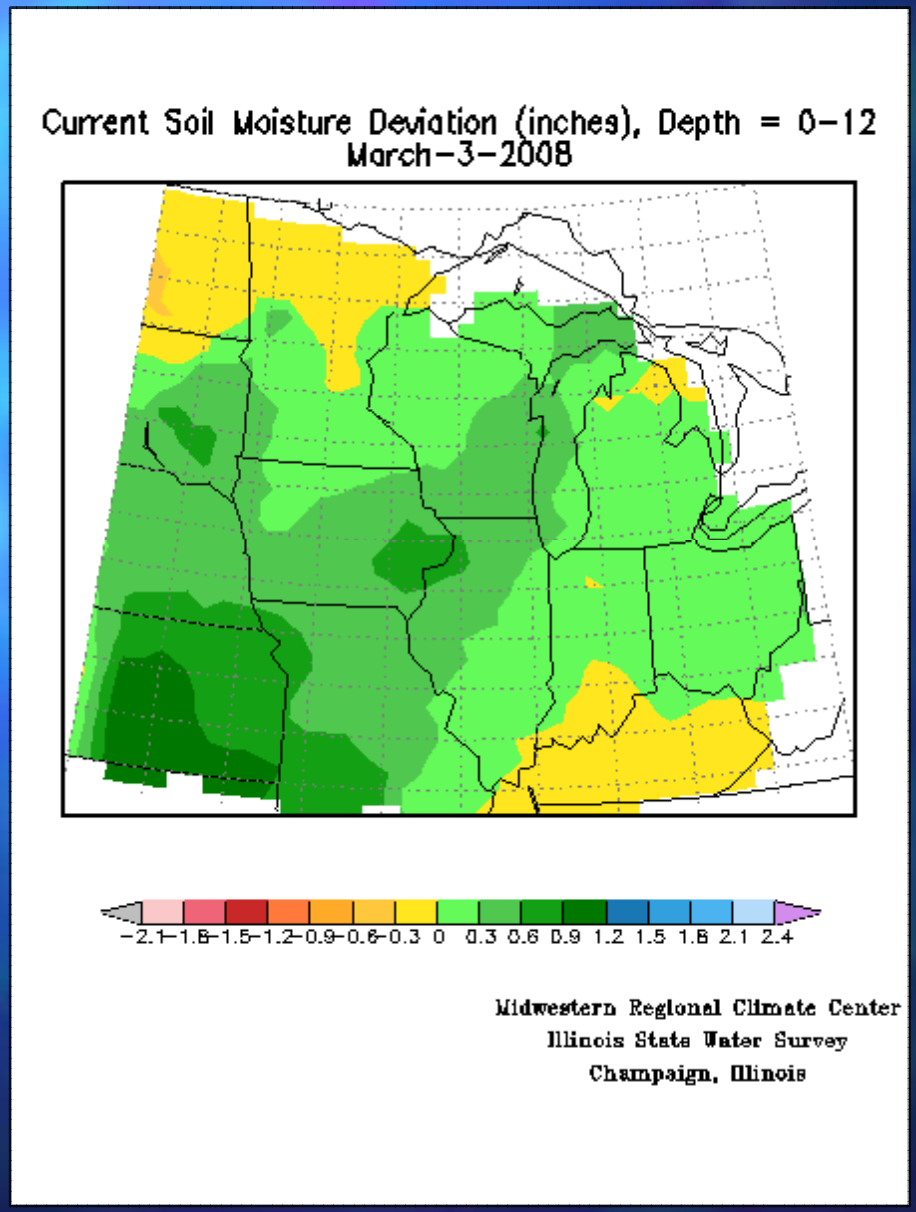

Brazil
Bahia
Mato Grosso
Slow
Harvest
Goias
Minas Gerais
Mato Grosso
do Sul
Sao Paulo
Peru
Bolivia
Paraguay
Parana
Santa Catarina
Santiago
Del
Estero
Santa
Fe
Rio Grande
do Sul
Mostly Decent
Harvest Weather
Entre
Rios
Cordoba
Chile
Uruguay
Recent
Rainfall
Buenos
Aires
La Pampa
Argentina

South America Comments

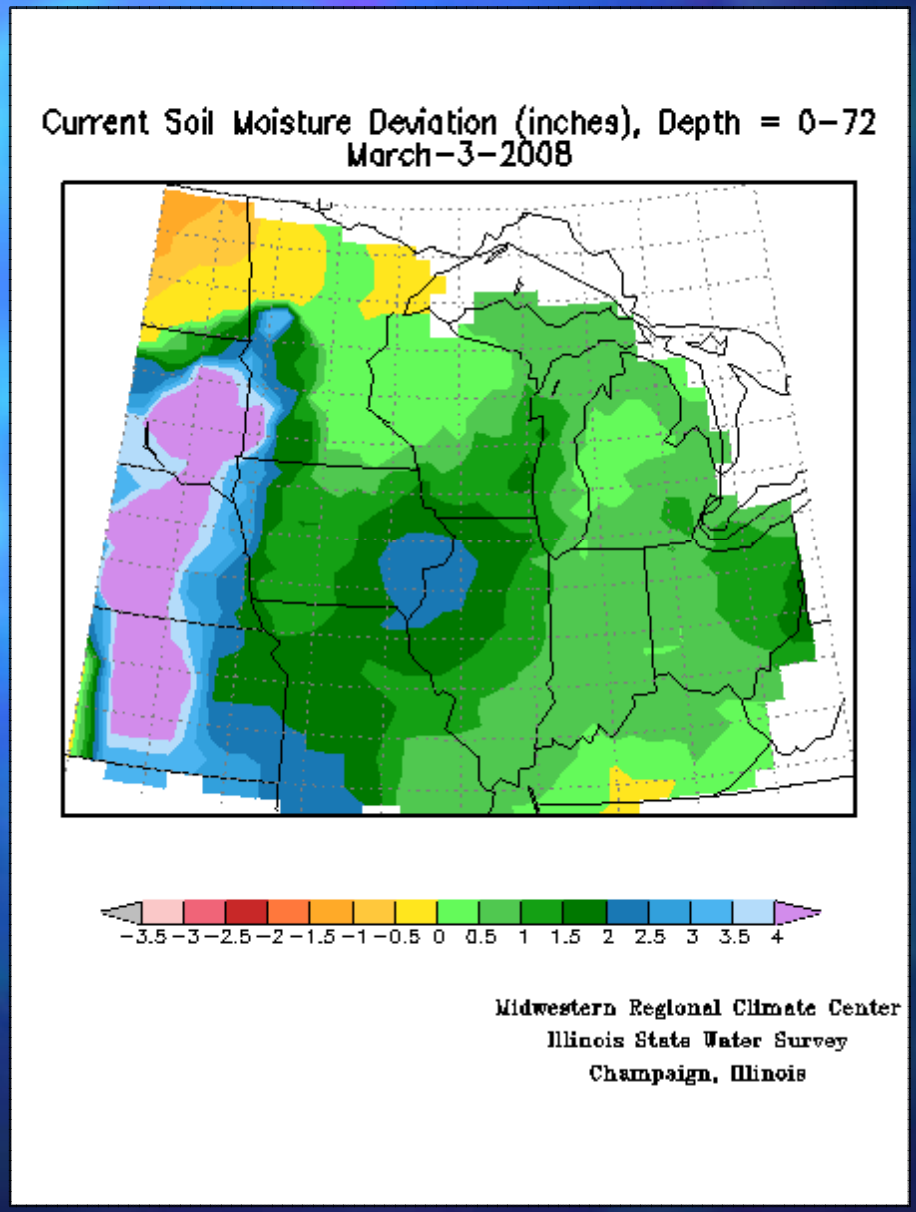
- A big crop is expected. Local issues with dryness and wetness occurred, but the majority of crop areas had timely rainfall. Variability was greater in Argentina.
- Near term, concerns of a slow harvest due to wet conditions prevail in the northern production areas of Brazil.

Drought Update

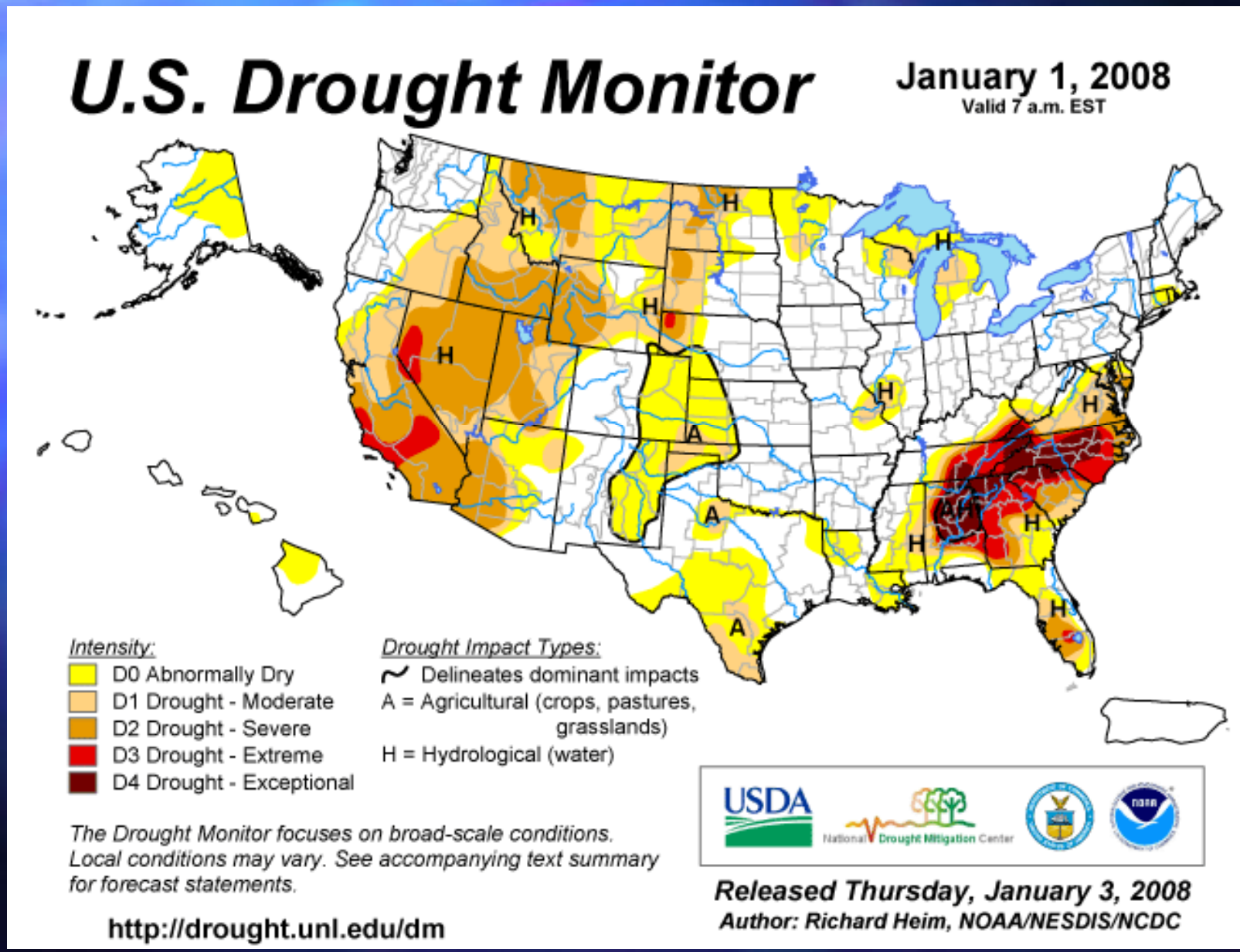
Soil Moisture Departure (0-12”)



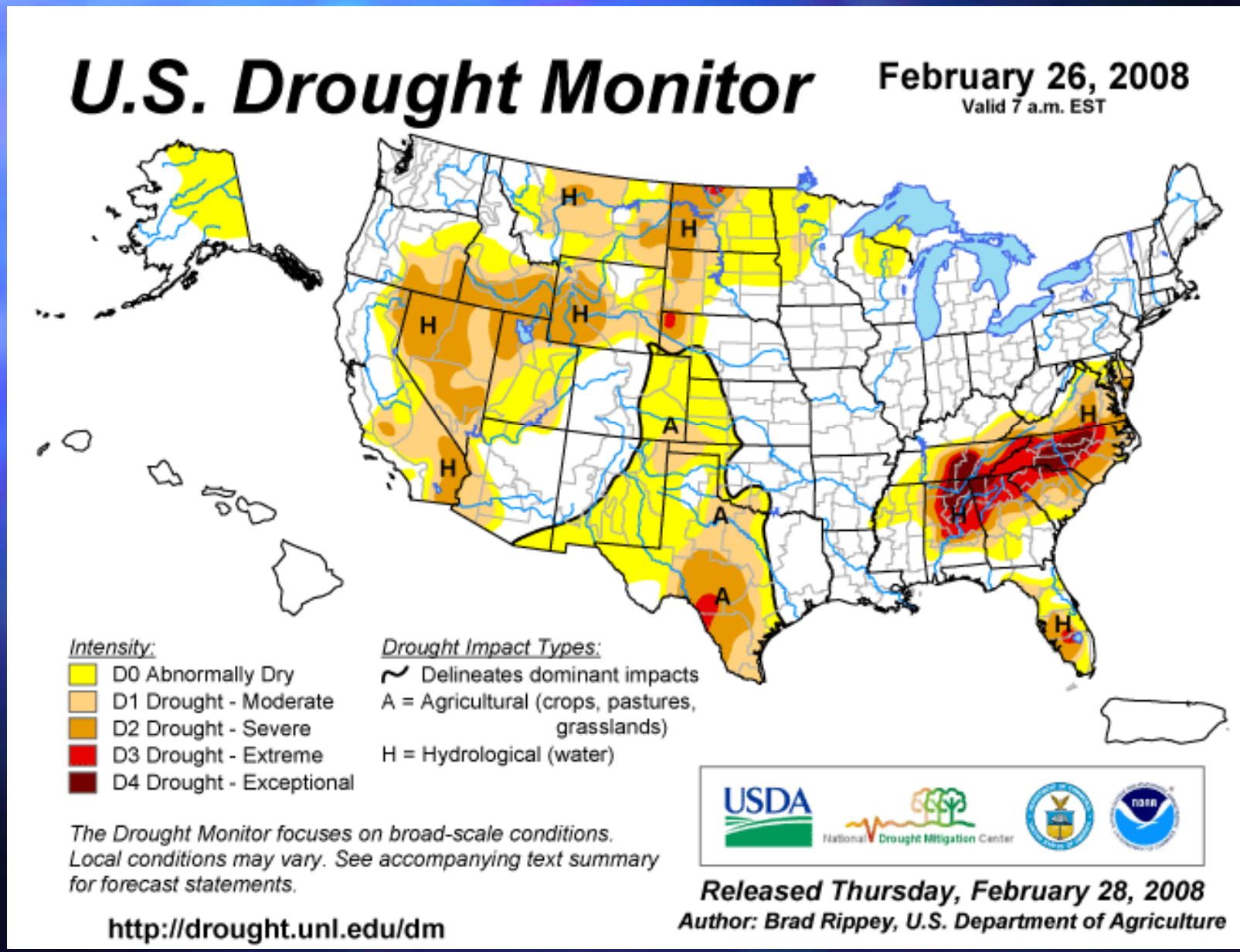
Soil Moisture Departure (0-72”)



Current Drought Assessment

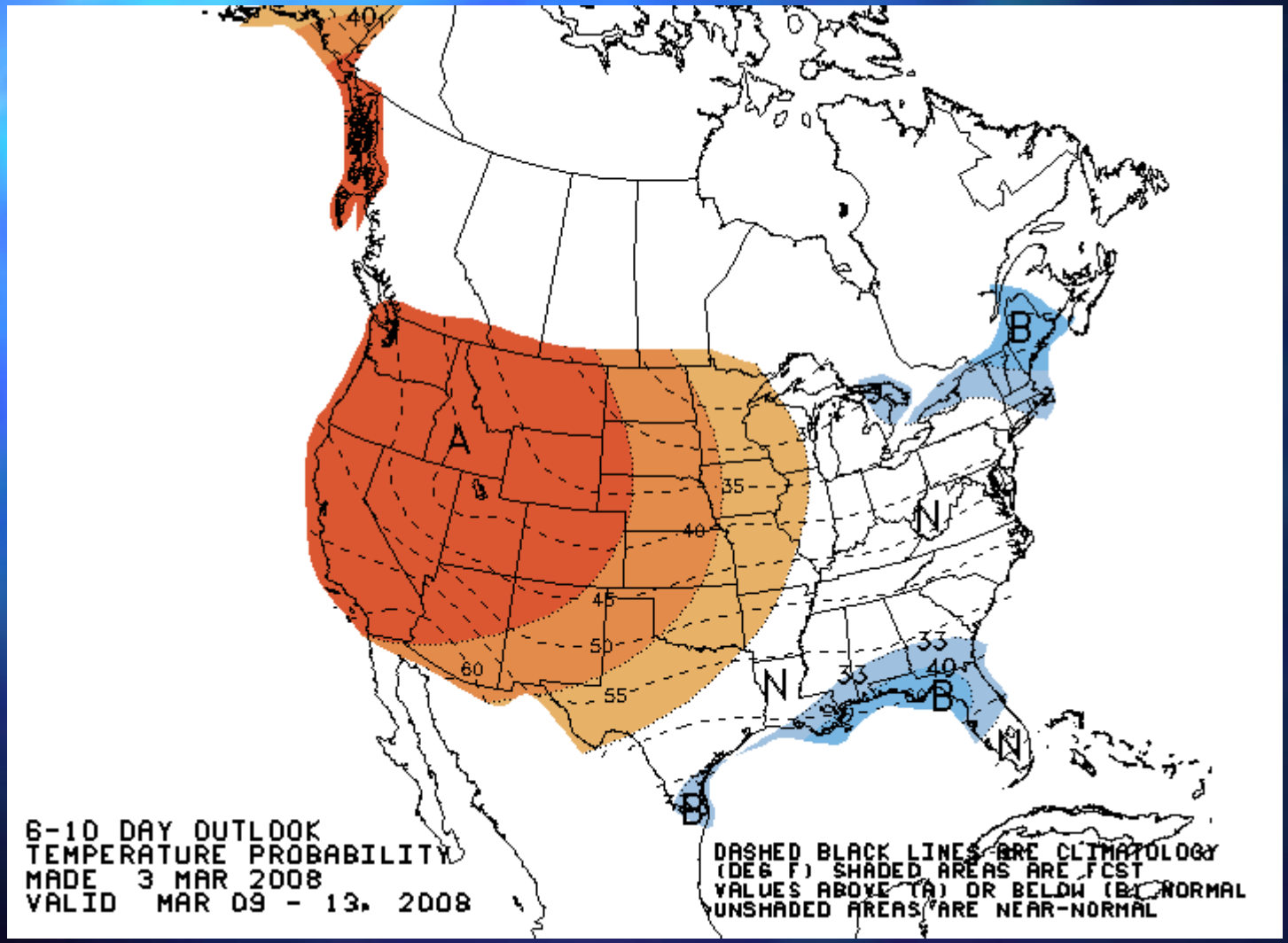


Current Drought Assessment

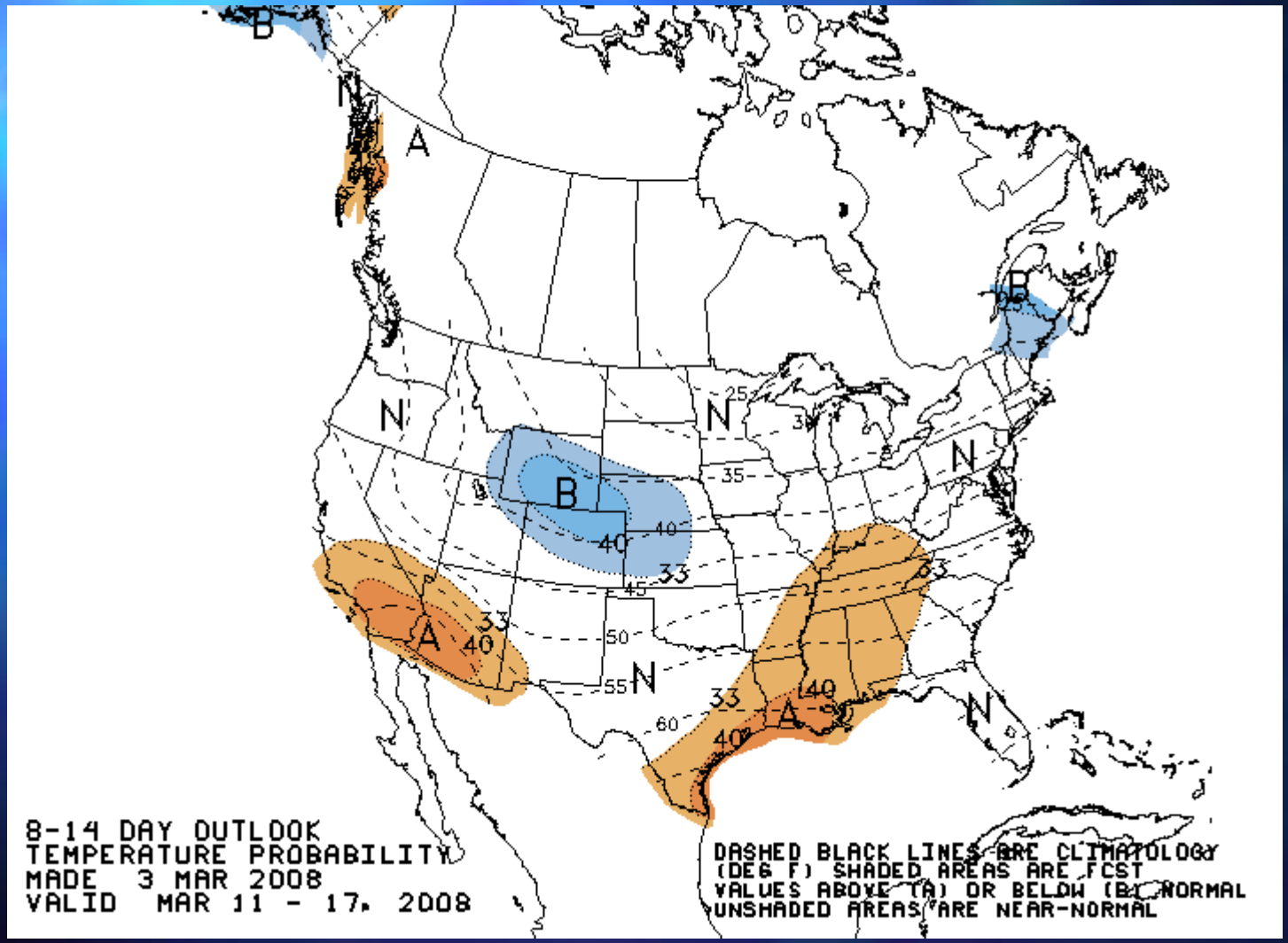


Long-Range Outlooks

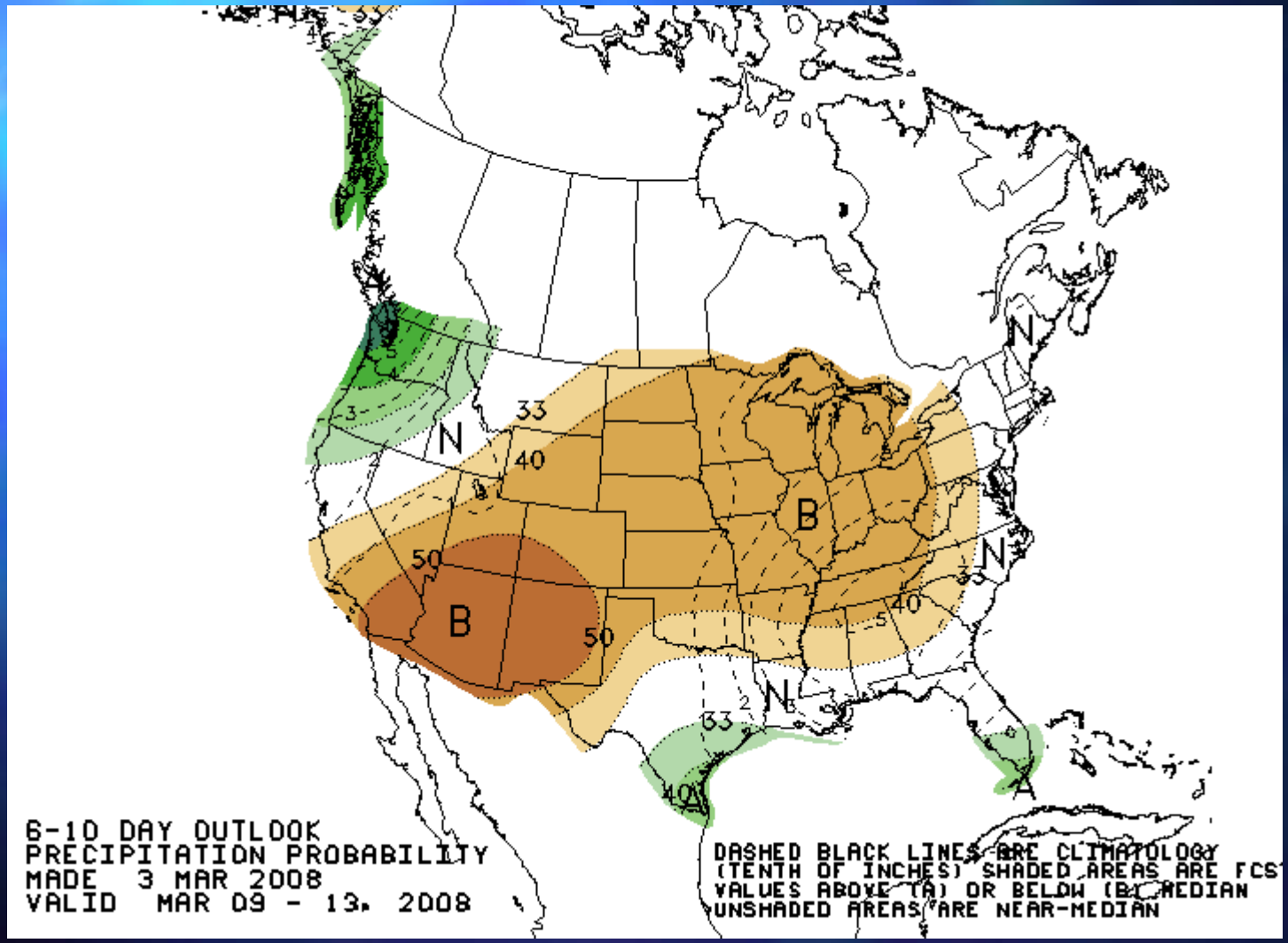
March 9-13, 2008
Temperature



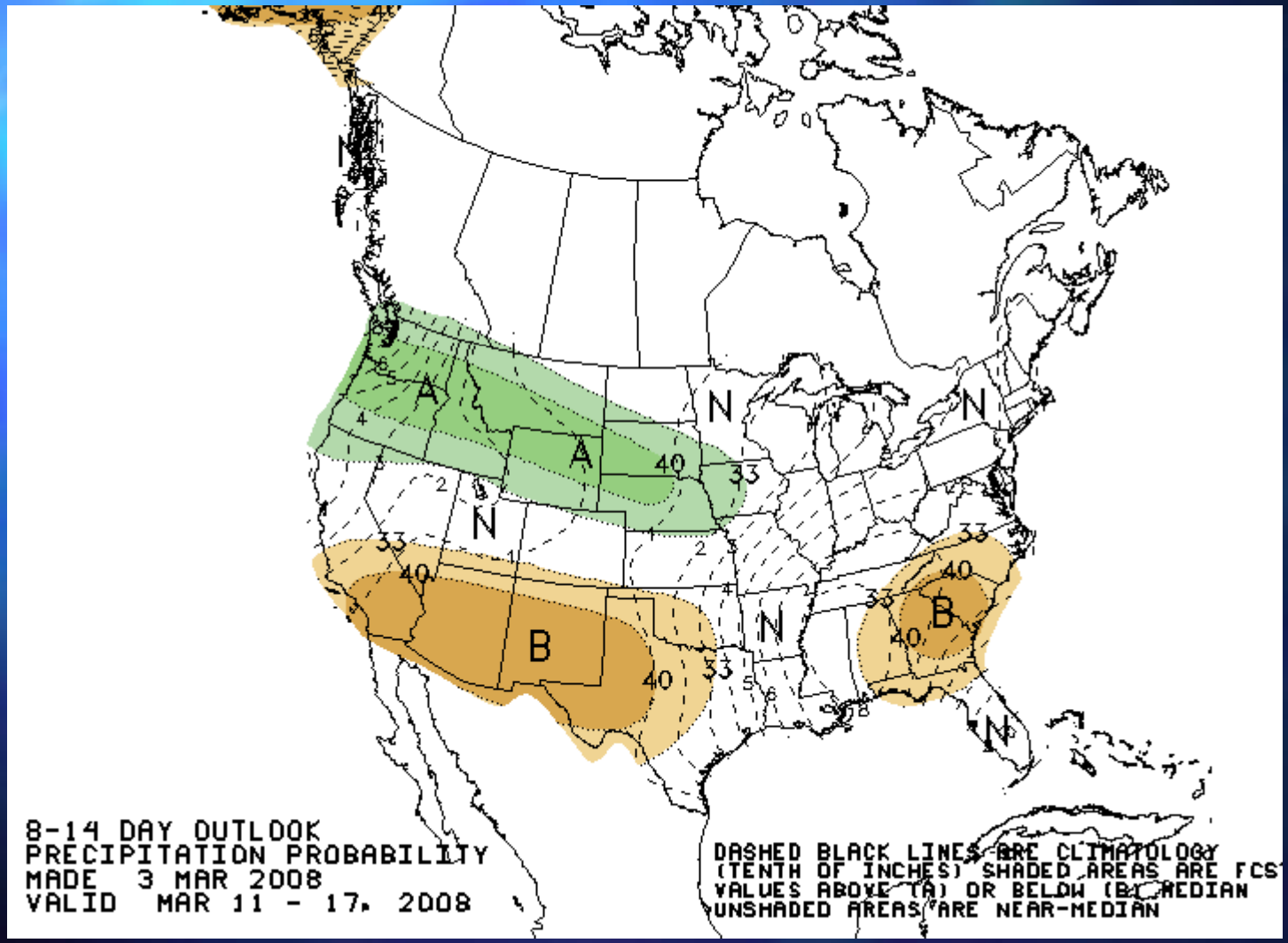
March 11-17, 2008
Temperature



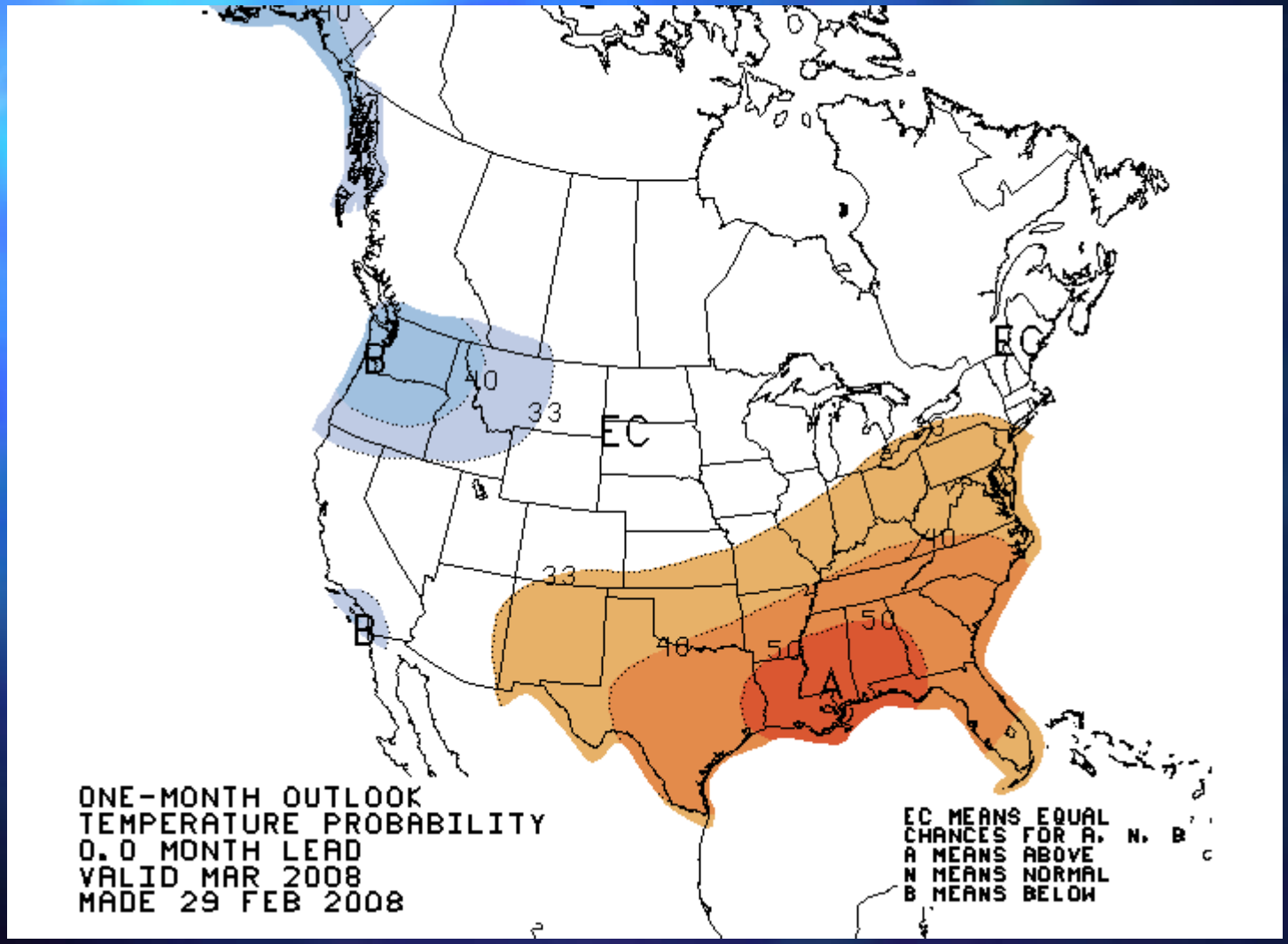
March 9-13, 2008 Precipitation



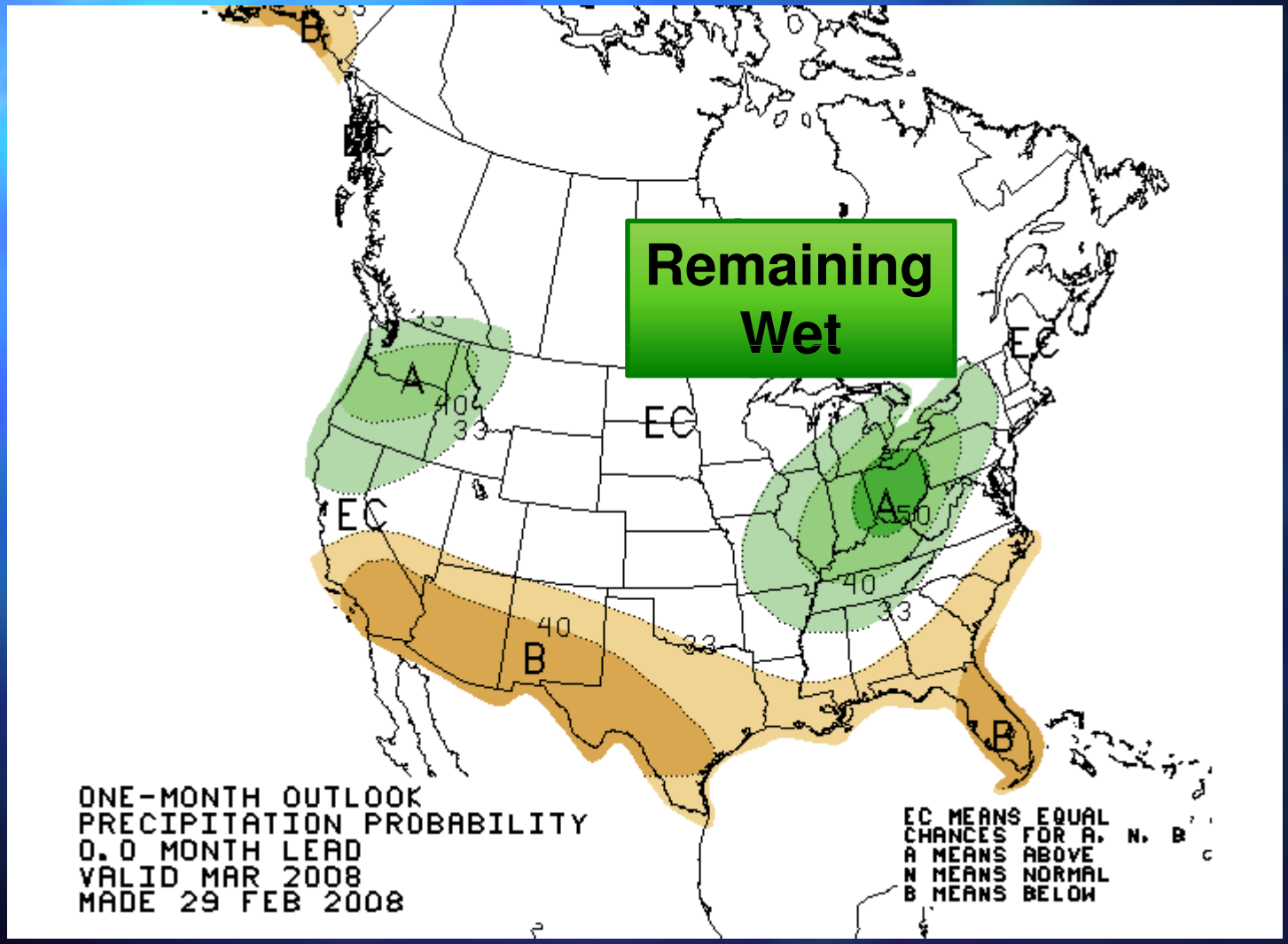
March 11-17, 2008
Precipitation



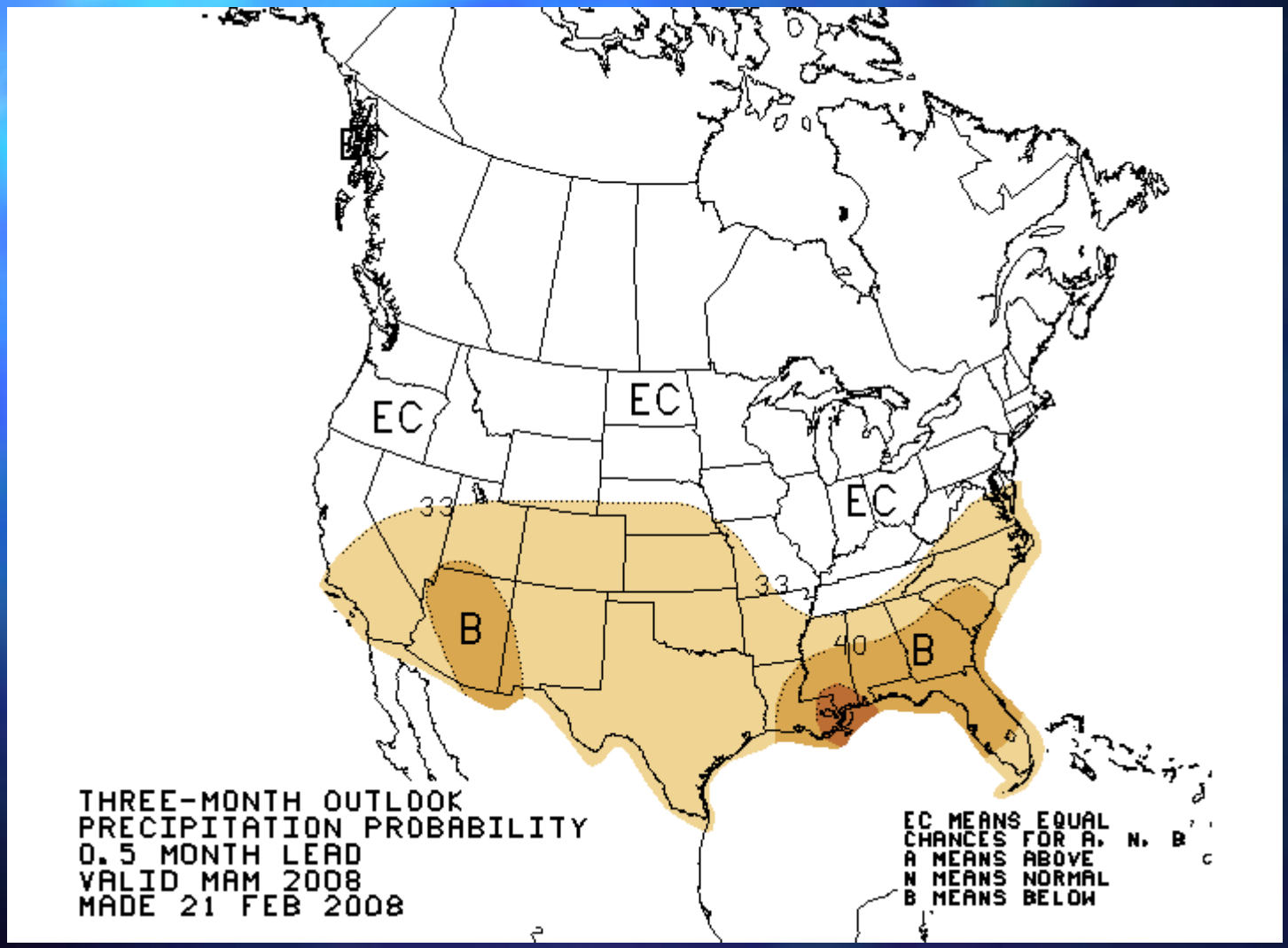
March 2008 Outlook
Temperature



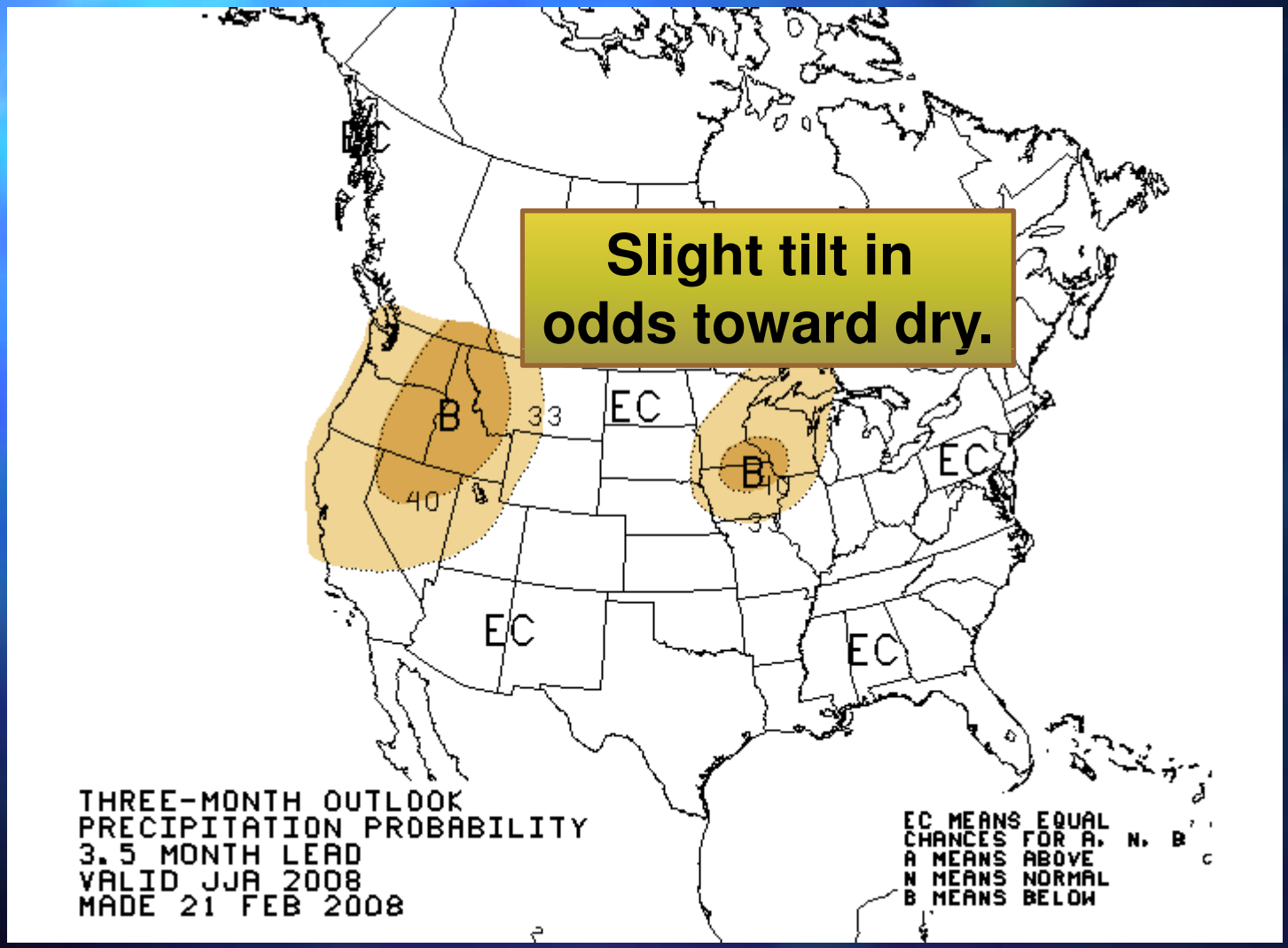
March 2008 Outlook Precipitation



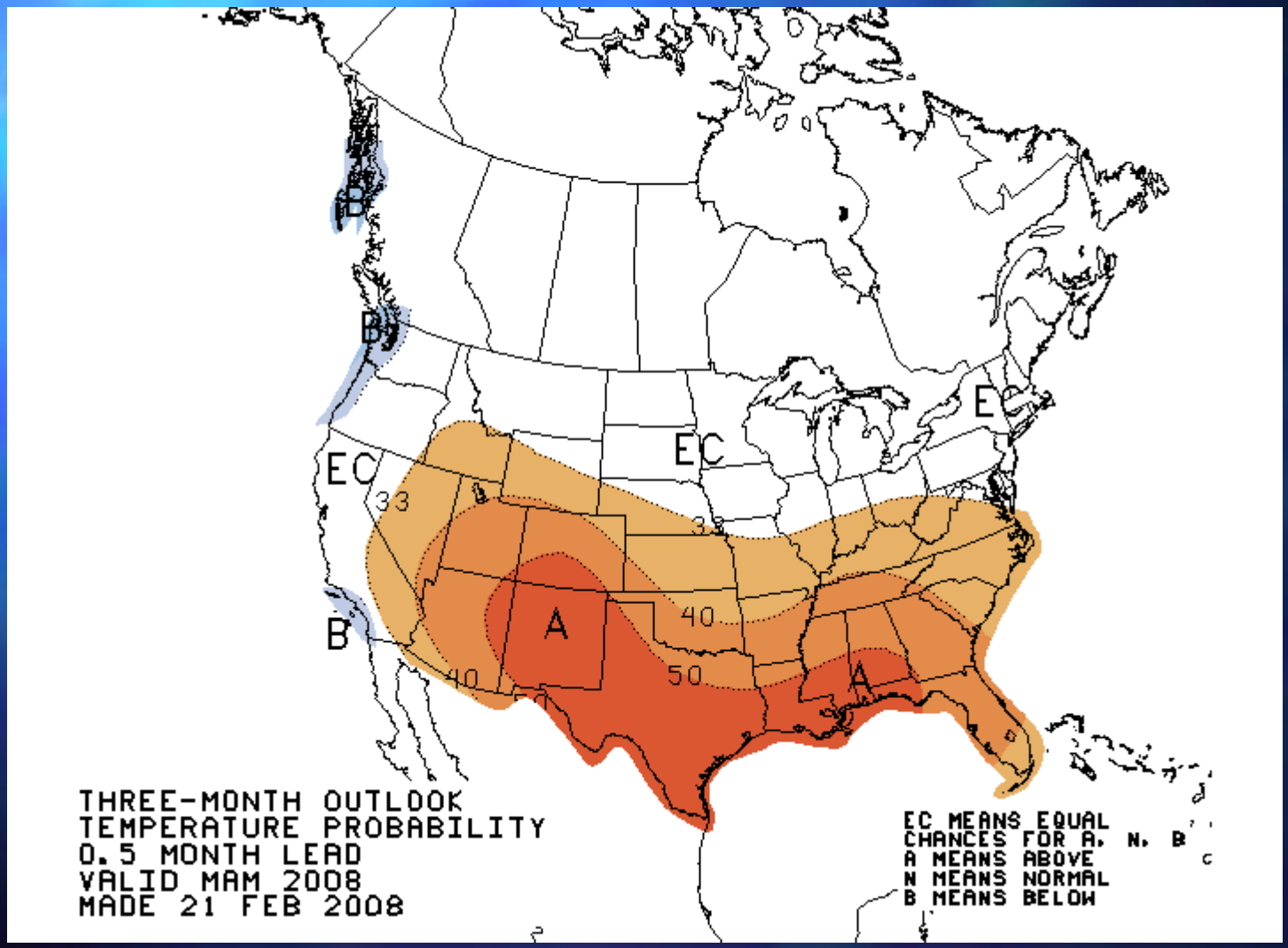
March-May 2008 Outlook
Precipitation



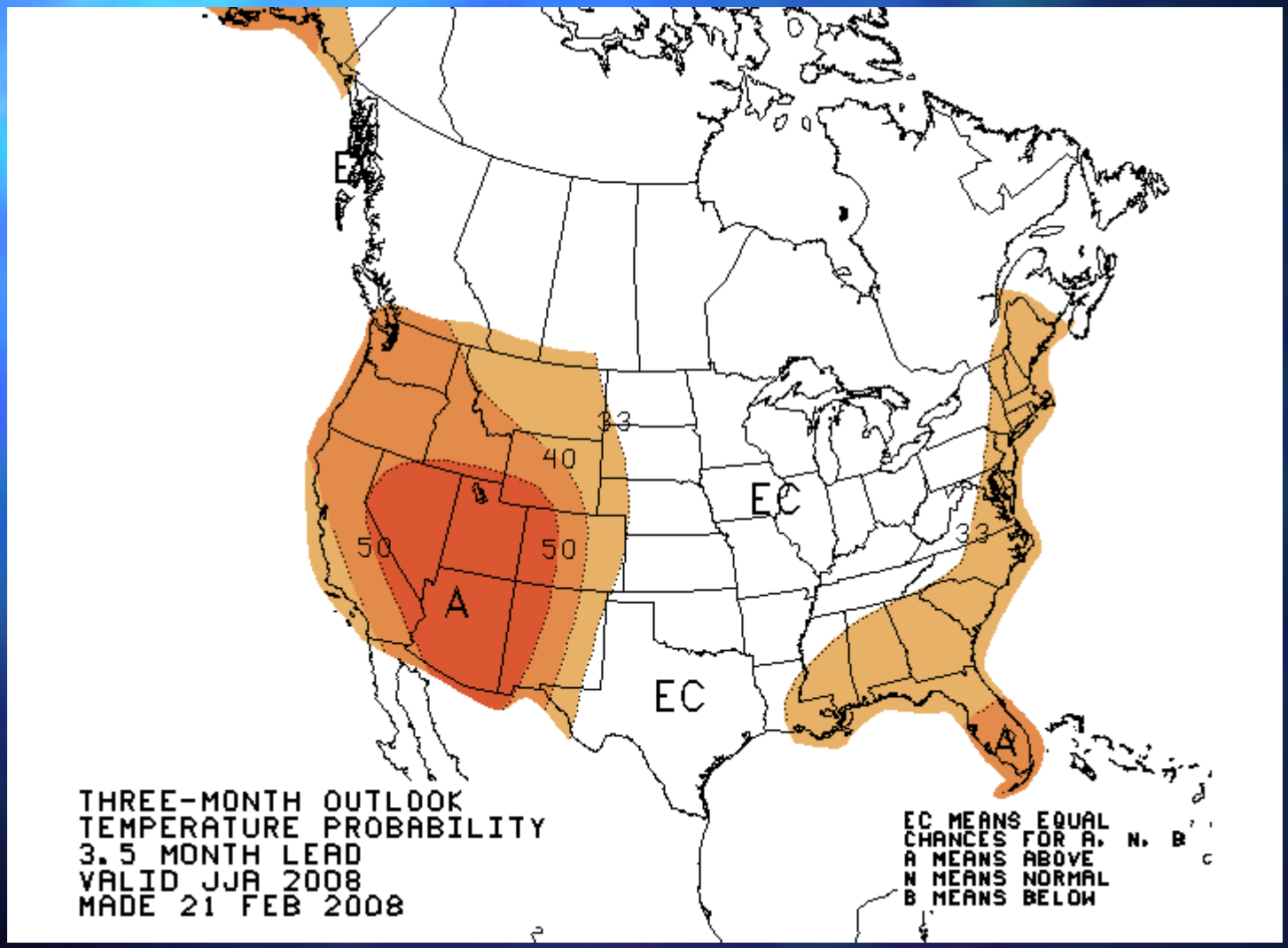
June-August 2008 Outlook Precipitation



March-May 2008 Outlook
Temperature

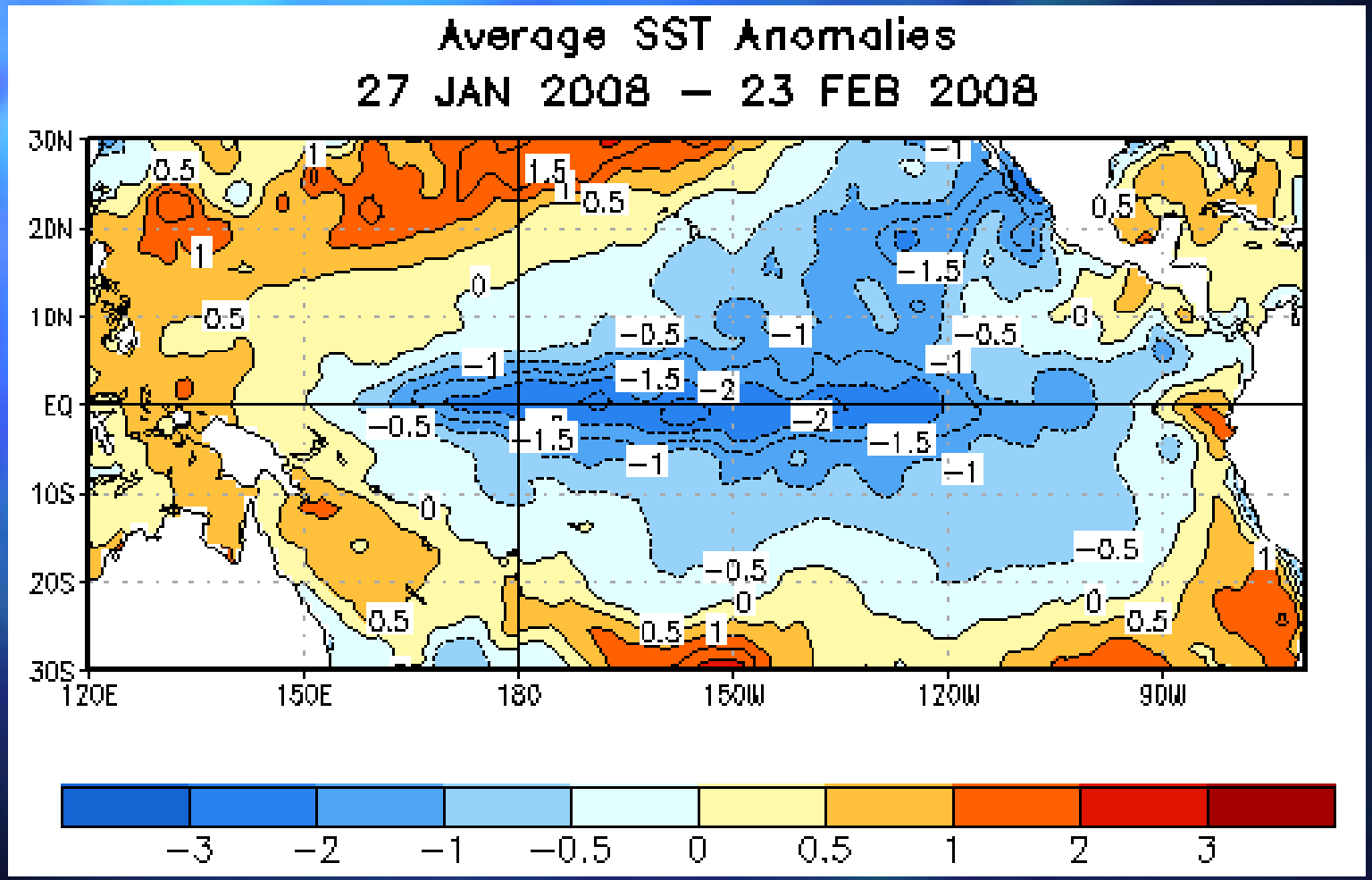


June-August 2008 Outlook
Temperature

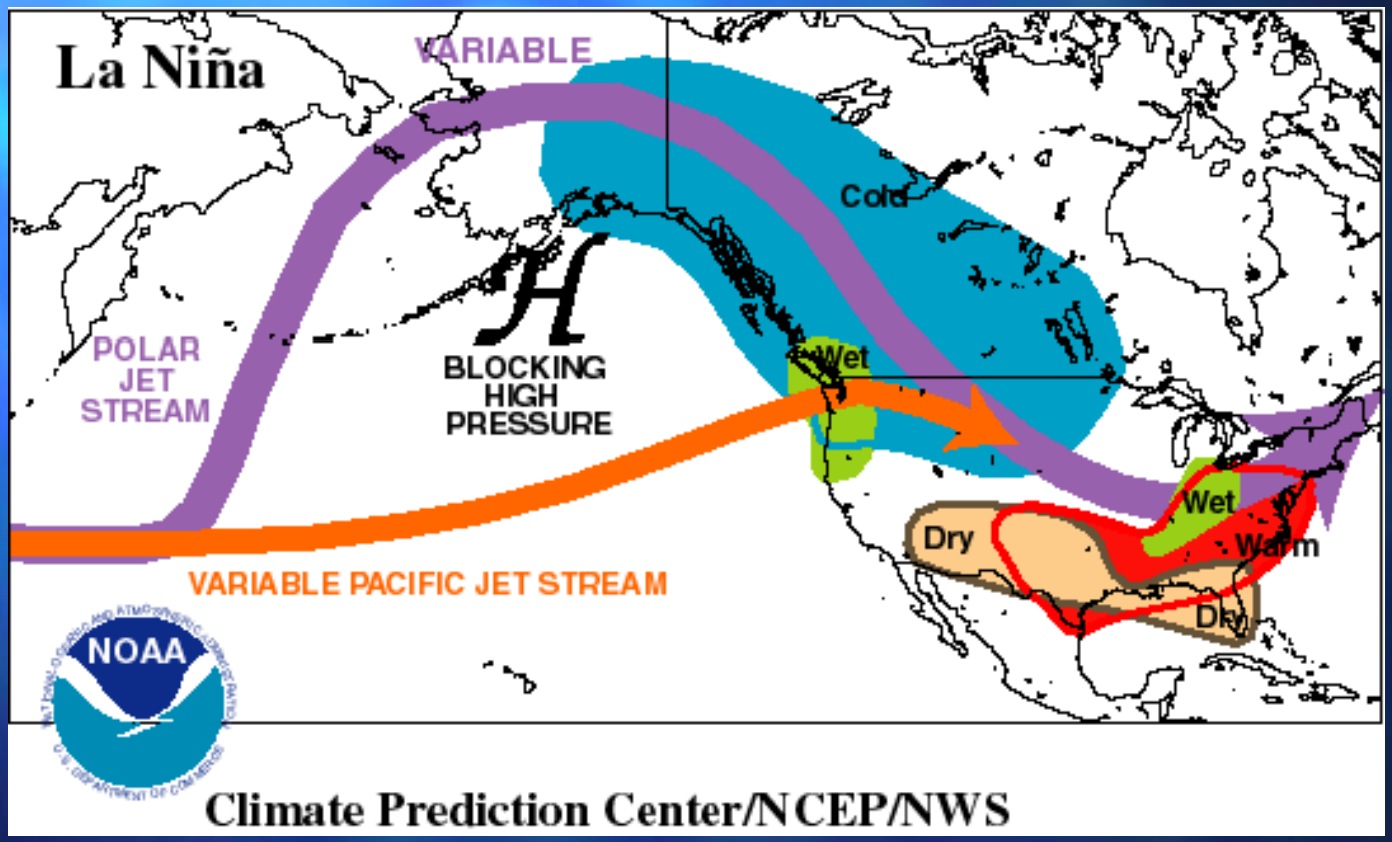


La Niña

La Niña
Sea-Surface Temperature Anomalies

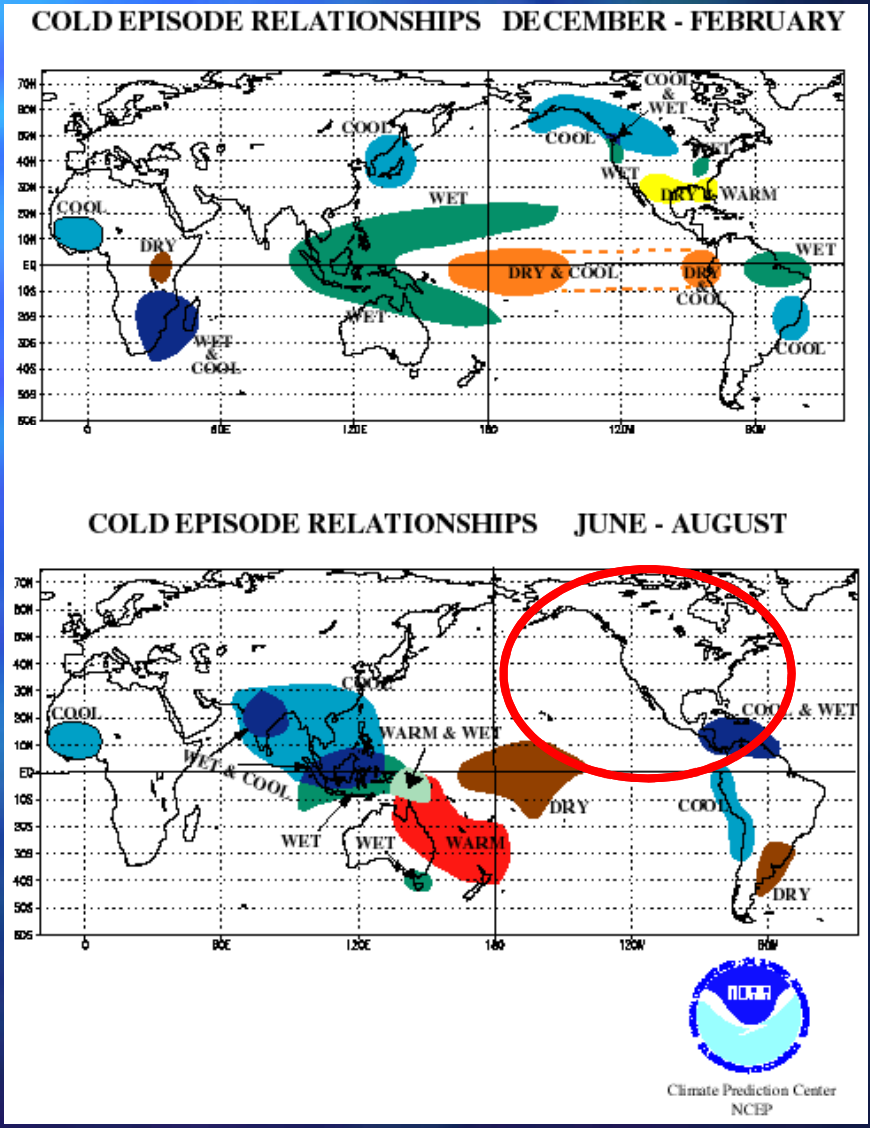


La Niña
Typical Winter Weather Pattern



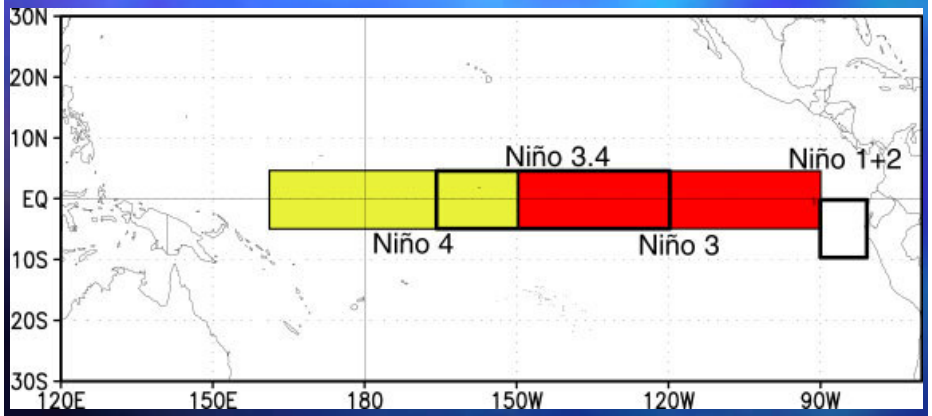
La Niña
Typical Weather Patterns

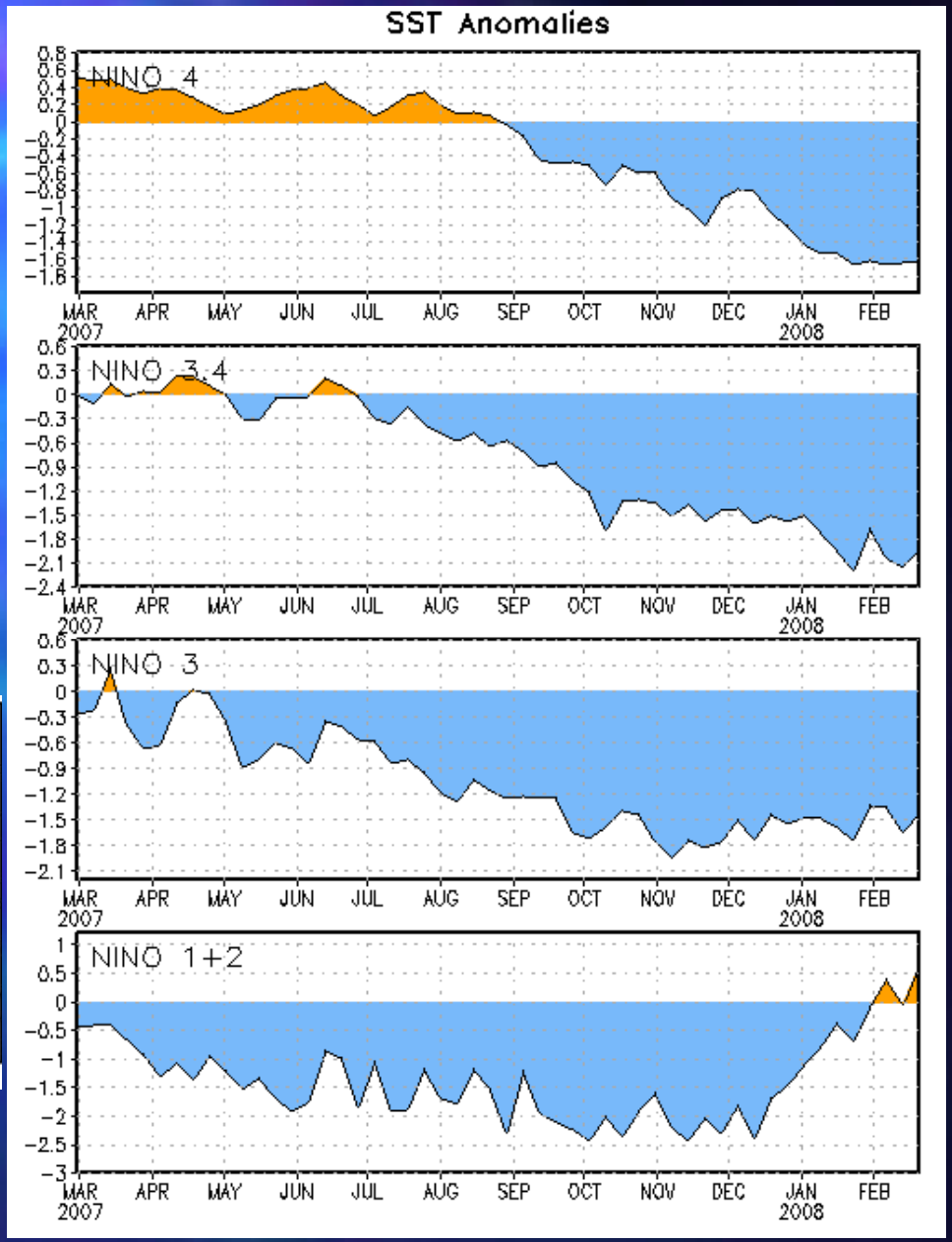
Winter



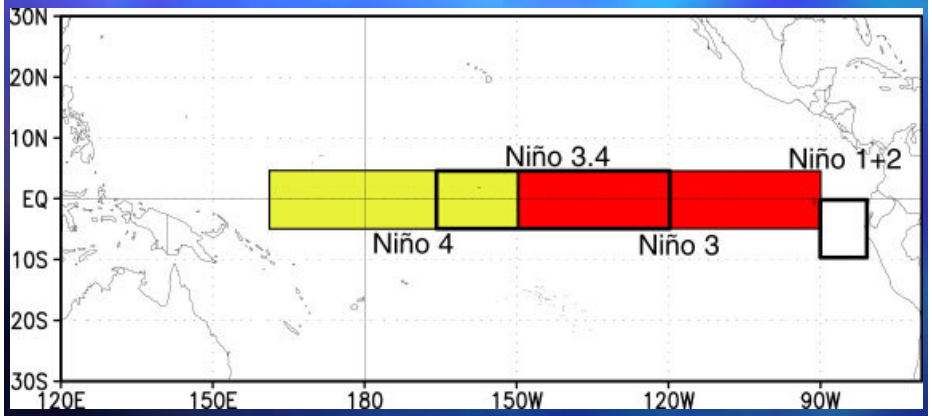
Summer

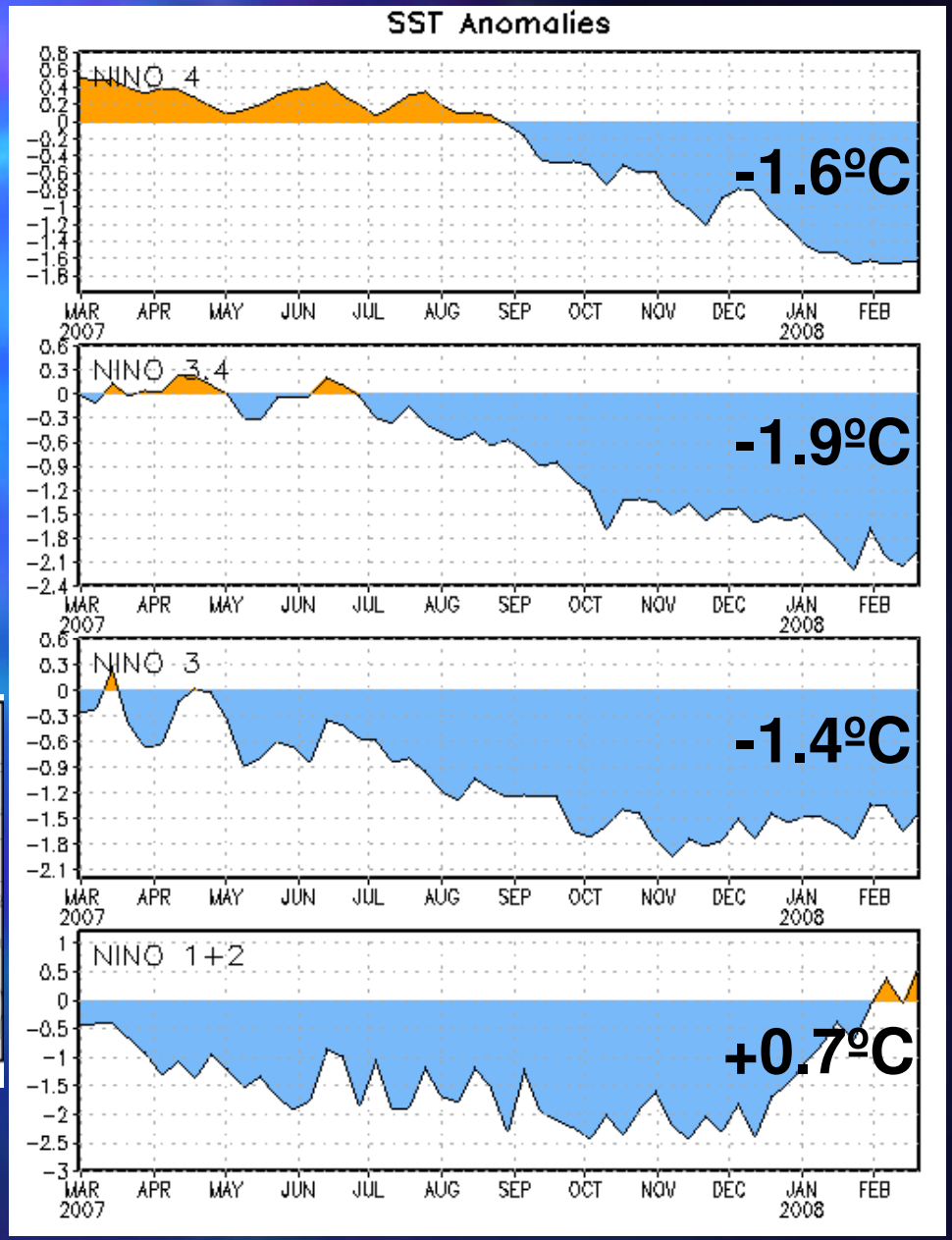
La Niña Recent Sea-Surface Temperature Anomalies



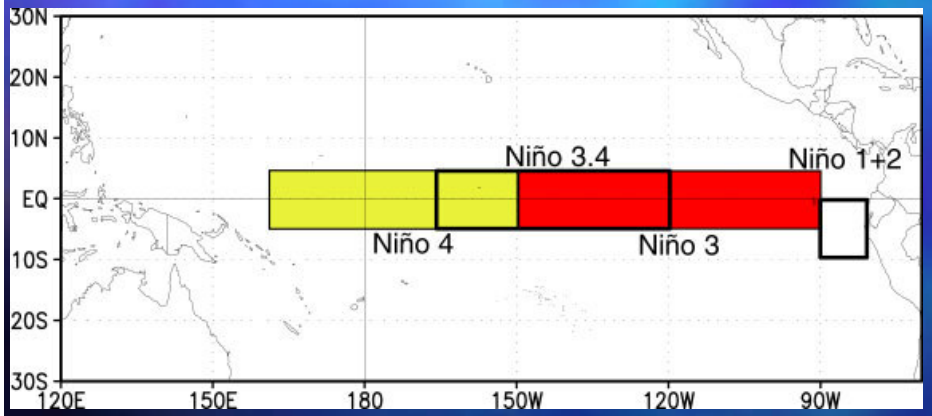


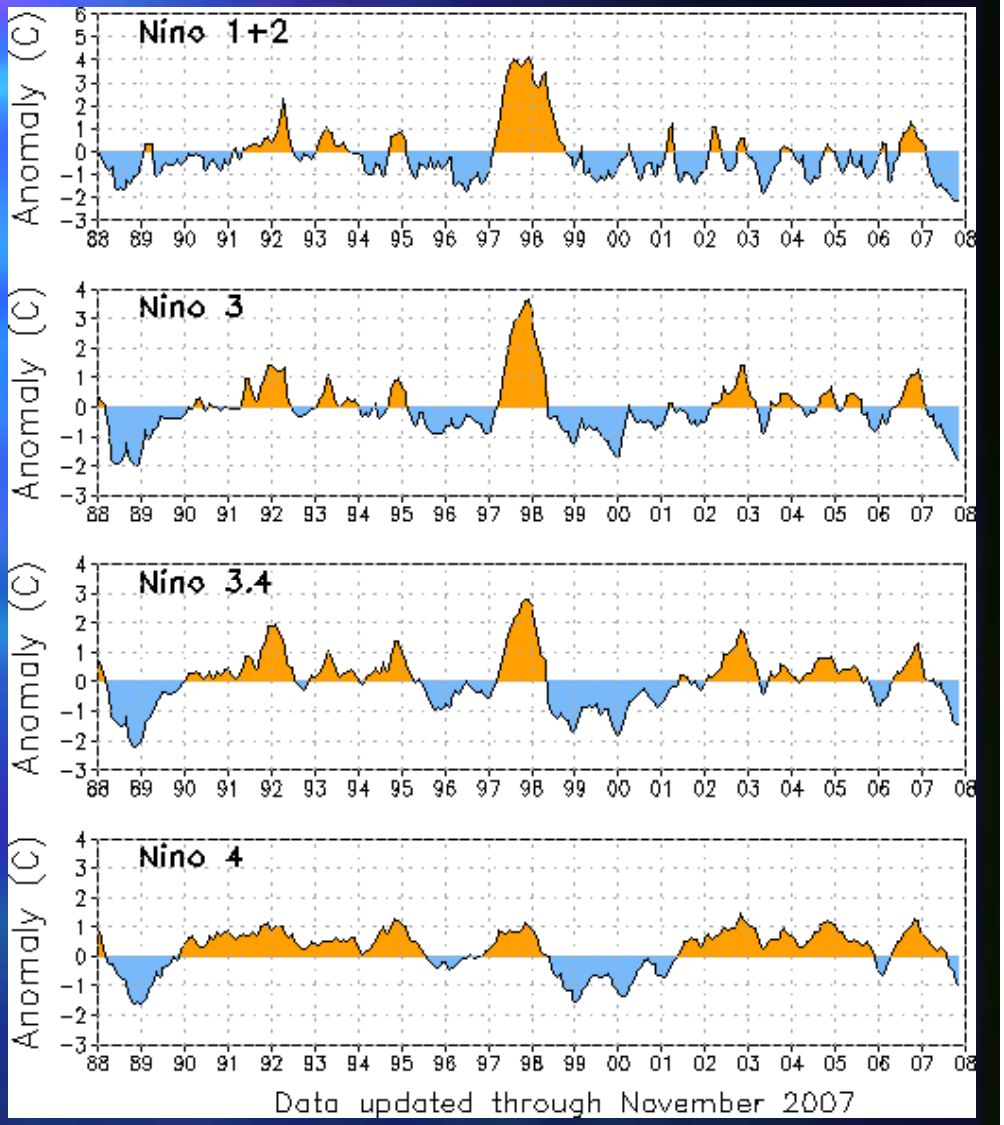
La Niña Recent Sea-Surface Temperature Anomalies



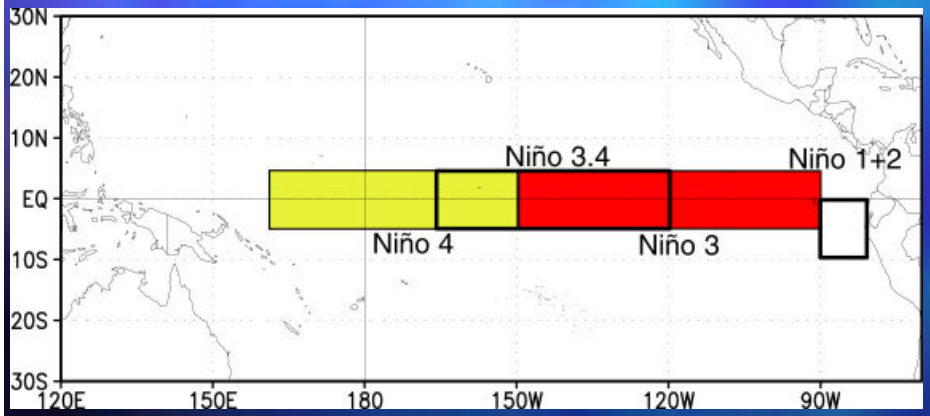


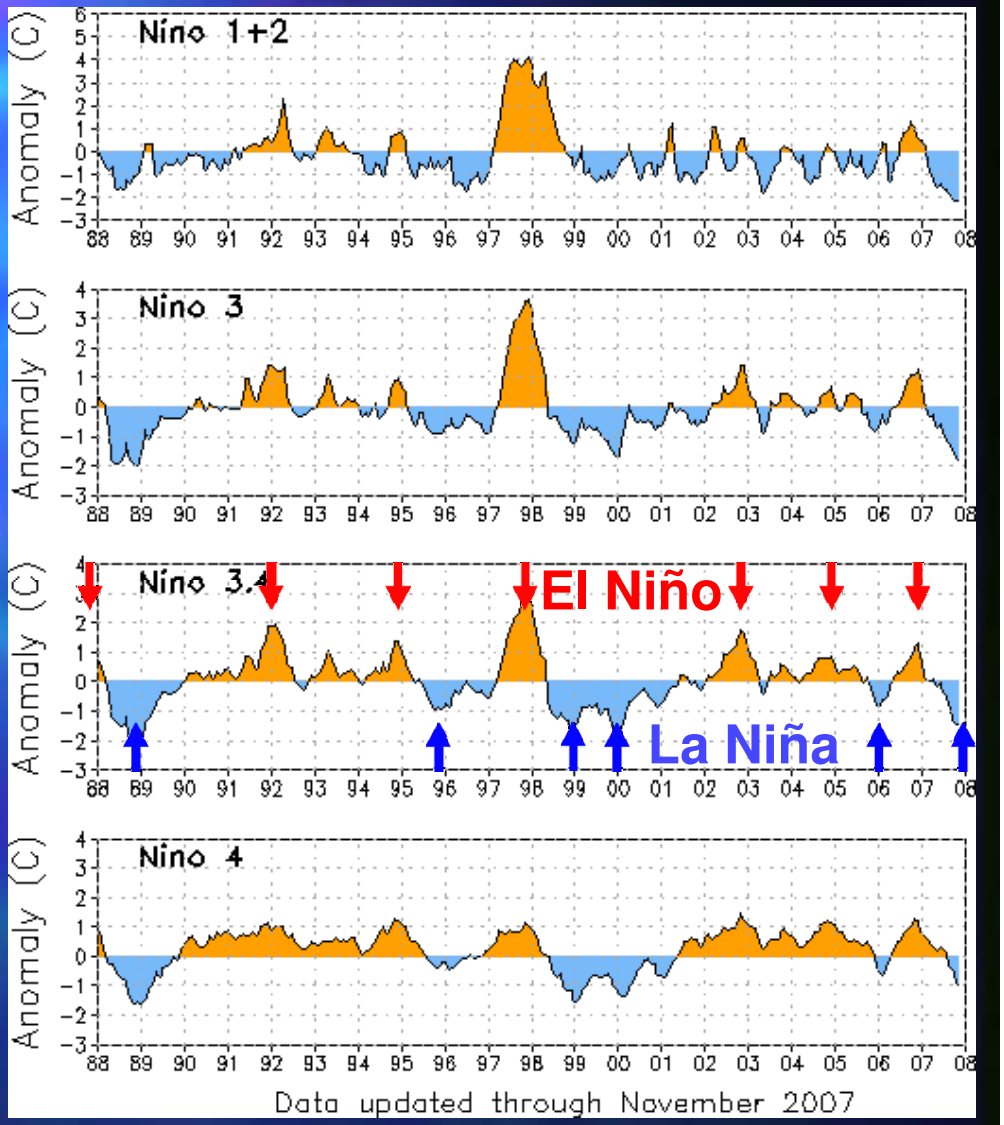
La Niña Long-Term Sea-Surface Temperature Anomalies





La Niña Long-Term Sea-Surface Temperature Anomalies





La Niña Comments

- Strong La Niña conditions continue across the tropical Pacific Ocean.
- Recent trends and model forecasts indicate La Niña will continue through Spring 2008.
- For Summer 2008, model output varies greatly. About one-half indicate La Niña could continue well into summer.

Spring 2008

Spring 2008 Comments

- Going into the season, soil moisture is adequate to excessive across the Corn Belt. This will slow early planting in some areas.
- The weather pattern remains wet, so more river flooding is expected.
- Any bias toward dryness appears to be to the far northwest.

Spring 2008 Comments

- For the Corn Belt, the focus will be on too much rain rather than not enough.
- The drought in the Southeast is not over, but much headway has been made is recent months.
- The long-term trend in the Southern Plains wheat areas is still toward drought. However, a couple timely rains could greatly benefit the crop.

Summer 2008

Summer 2008 Comments

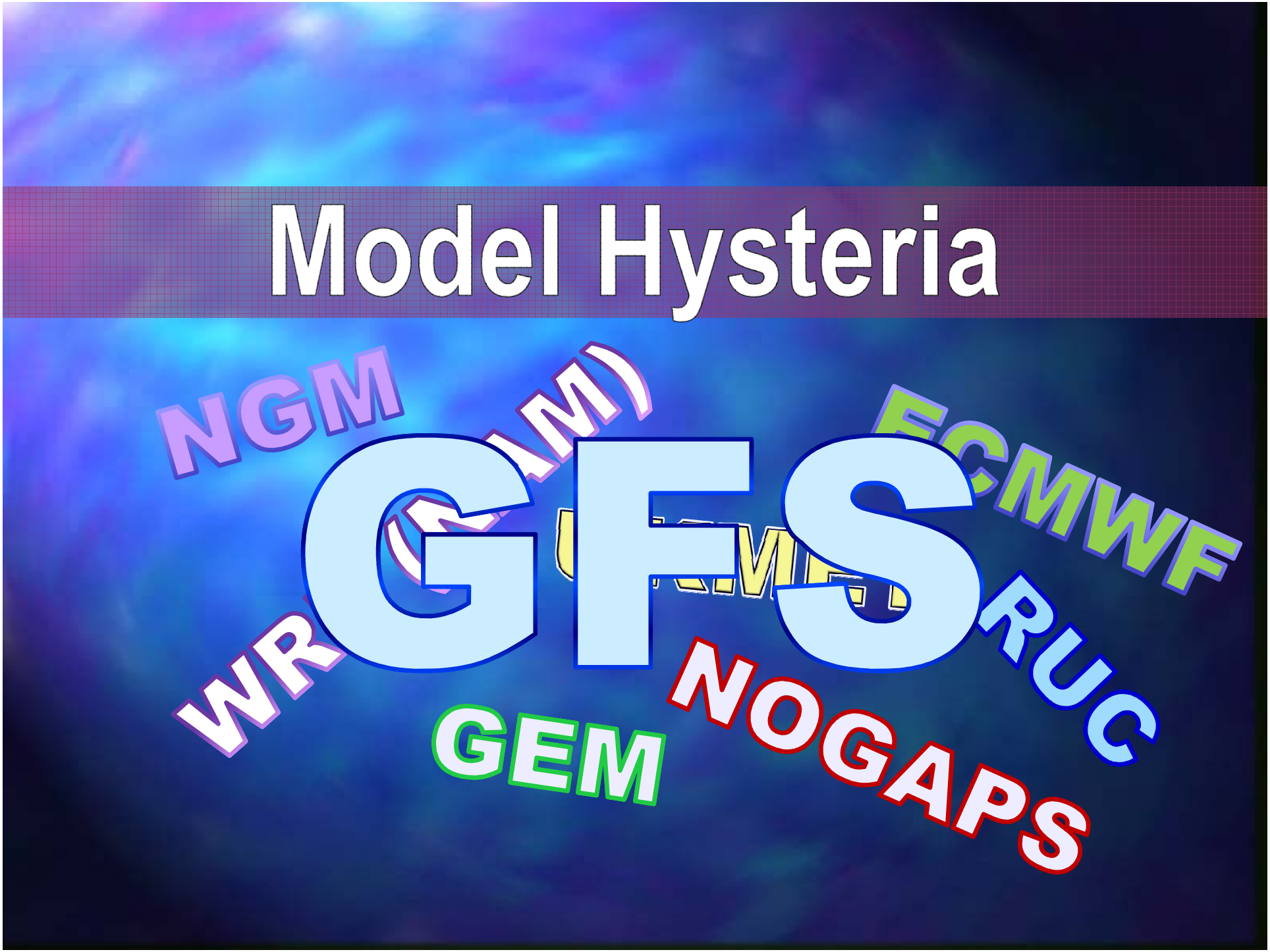
- "Equal chances" dominate the temperature and rainfall outlooks for summer, which is typical.
- However, there is a tilt in the odds toward drier-than-average conditions in the Upper Midwest (Minnesota, Wisconsin, and Iowa) for summer.
- We are starting the year with excellent subsoil moisture.

Summer 2008 Comments

- La Niña means nothing regarding our summer weather. Drought will not be the result of La Niña!
- Drought will not be the result of expansion of dryness from the Southeastern U.S.
- Drought will not occur just because it has been 20 years since the last big one.

Summer 2008 Comments

- Does this mean we don't have to worry about drought?
- Of course not…drought in the summer of 2008 is possible, but it is also possible that growing conditions will be very favorable.
- Don't put all your eggs in one basket. Try to resist those that tell you every year that the disaster is coming.


Model Hysteria
NGM
ECMWF
GFS
RUC
NOGAPS
GEM

Tune to WILL am 580

In-Depth Weather:

5:35, 6:35, 7:35, 8:35, 9:35 AM

12:35, 4:33, 5:33 PM Central Time

Detailed Agricultural Weather:

8:51 AM & 2:32 PM Central Time

Tune to WILL am 580

In-Depth Weather:

6:35, 7:35, 8:35, 9:35, 10:35 AM

1:35, 5:33, 6:33 PM Eastern Time

Detailed Agricultural Weather:

9:51 AM & 3:32 PM Eastern Time

Tune to …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