NC Drought Review and Outlook

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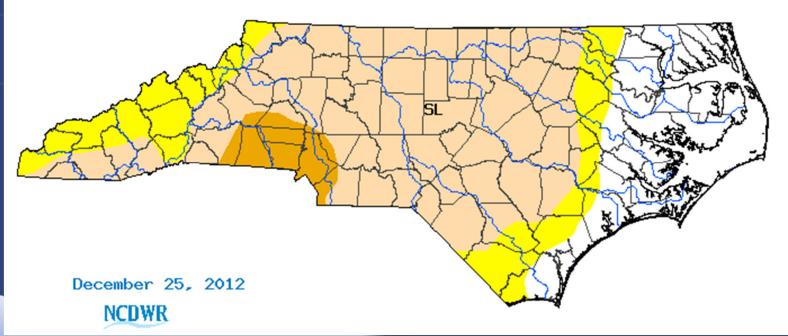


The GEOGRAPHIC REGIONS of NORTH CAROLINA



Drought Review

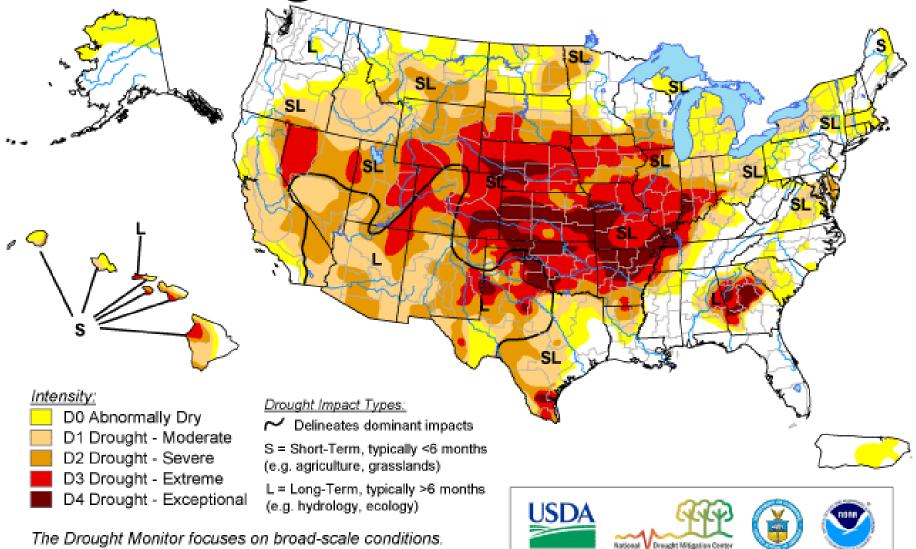
- Some moderate drought in 2012
 - Not widespread, peak in December





U.S. Drought Monitor

August 28, 2012



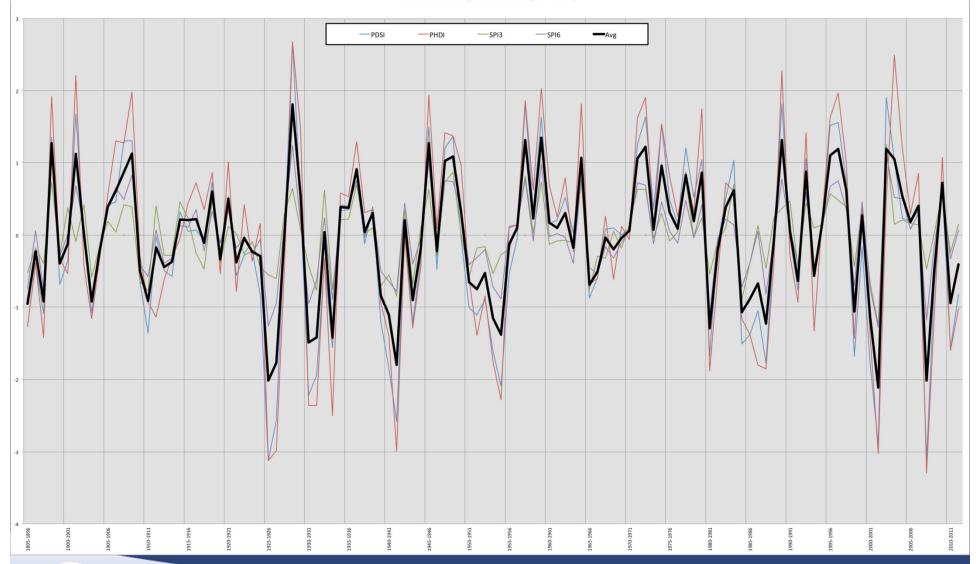
The Drought Monitor focuses on broad-scale conditions. Local conditions may vary. See accompanying text summary for forecast statements.

Author: Brian Fuchs, National Drought Mitigation Center

Released Thursday, August 30, 2012

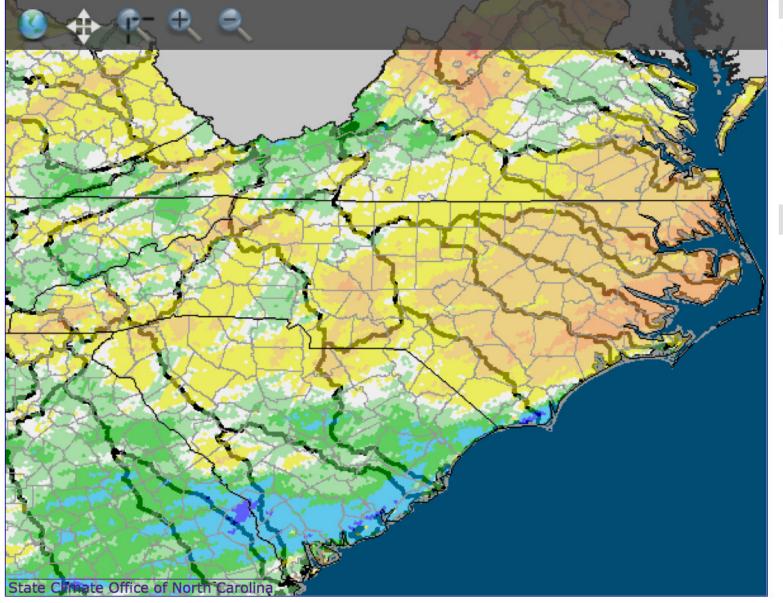
http://droughtmonitor.unl.edu/

Drought History: North Carolina Statewide Average Annual Drought Severity





Crop Management



Time Period:

NC STATE UNIVERSITY

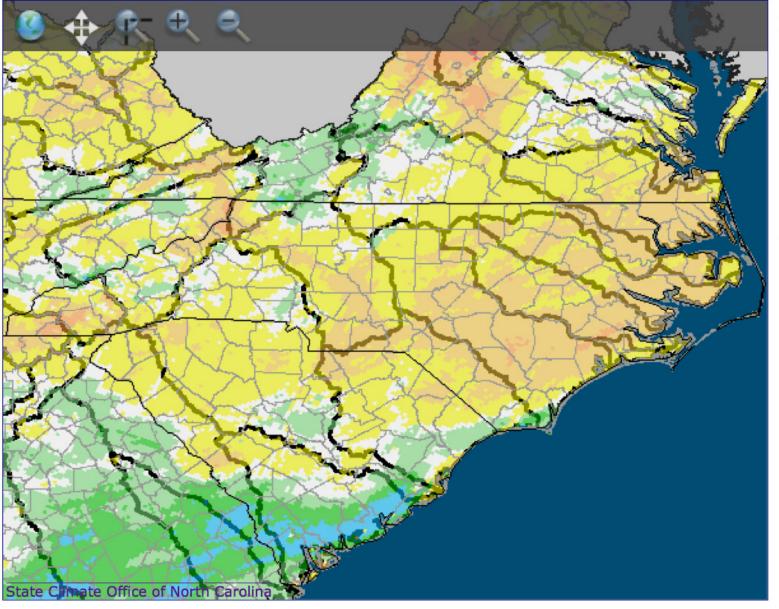
Last 30 days ‡

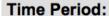
Map depicts % of normal during previous 720 hours ending at 7am on Apr 16, 2013, EST using the daily mpe files.

- <= 5 %
- 5 to 10 %
- 10 to 25 %
- 25 to 50 %
- 50 to 75 %
- 75 to 95 %
 - 95 to 105 %
 - 105 to 125 %
- 125 to 150 %
 - 150 to 200 %
- 200 to 300 %
- 200 10 300 7
- 300 to 400 %
- 400 to 600 %
- > 600 %







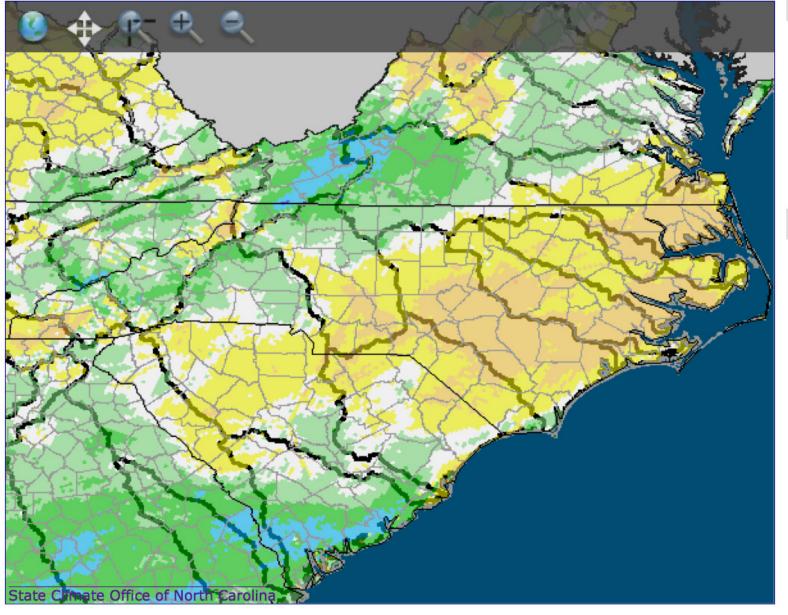


Last 60 days ‡

Map depicts % of normal during previous 1440 hours ending at 7am on Apr 16, 2013, EST using the daily mpe files.

- <= 5 %
 - 5 to 10 %
- 10 to 25 %
- 25 to 50 %
- 50 to 75 %
- 75 to 95 %
 - 95 to 105 %
- 105 to 125 %
- 125 to 150 %
- 12510 150 %
- 150 to 200 %
- 200 to 300 %
- 300 to 400 %
- 400 to 600 %
- > 600 %
- ✓ HUC6





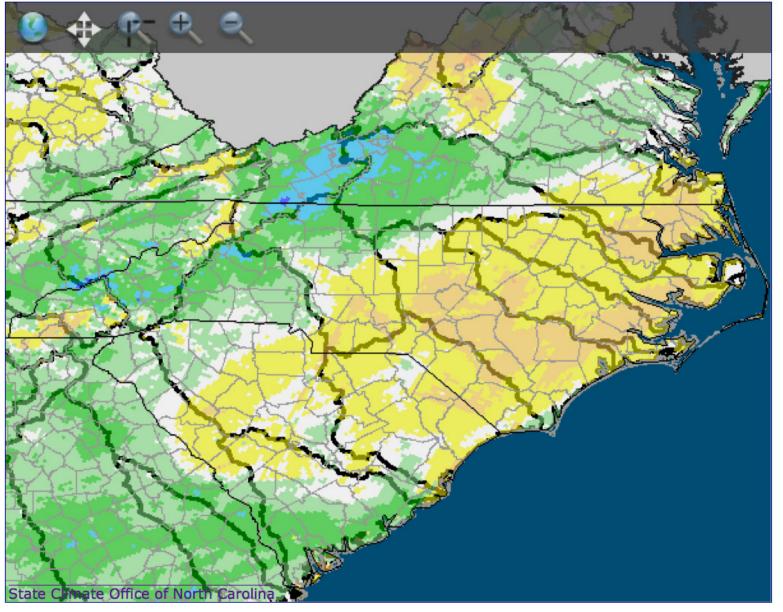
Time Period:

Last 90 days ‡

Map depicts % of normal during previous 2160 hours ending at 7am on Apr 16, 2013, EST using the daily mpe files.

- County Lines
- <= 5 %
- 5 to 10 %
- 10 to 25 %
- 25 to 50 %
- 50 to 75 %
- 75 to 95 %
 - 95 to 105 %
- 105 to 125 %
- 125 to 150 %
- 150 to 200 %
- 150 10 200 70
- 200 to 300 %
- 300 to 400 %
- 400 to 600 %
- > 600 %
- ✓ HUC6





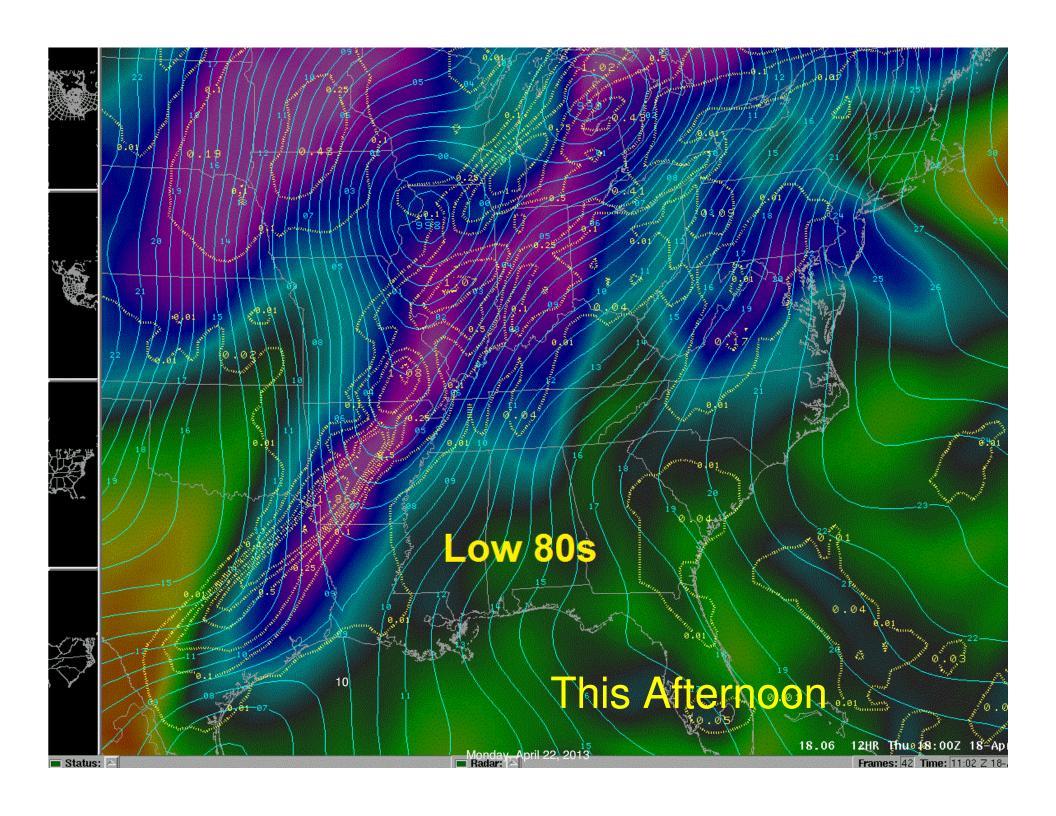
Time Period:

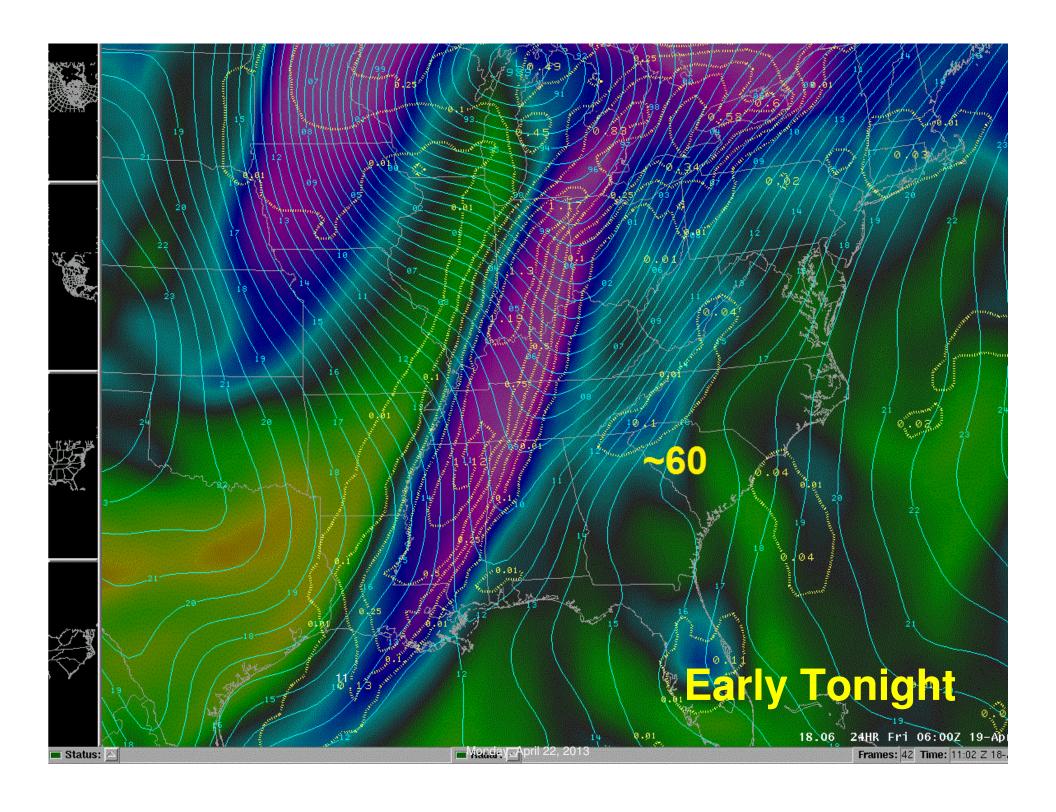
Last 120 days ‡

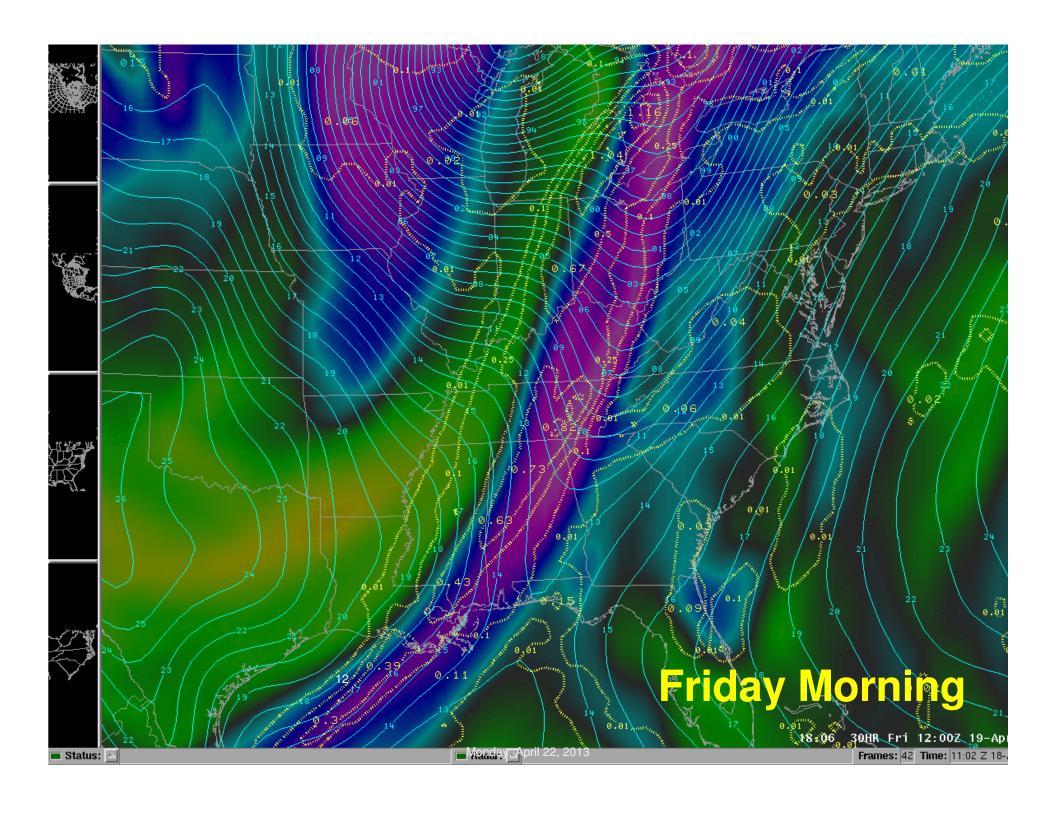
Map depicts % of normal during previous 2880 hours ending at 7am on Apr 16, 2013, EST using the daily mpe files.

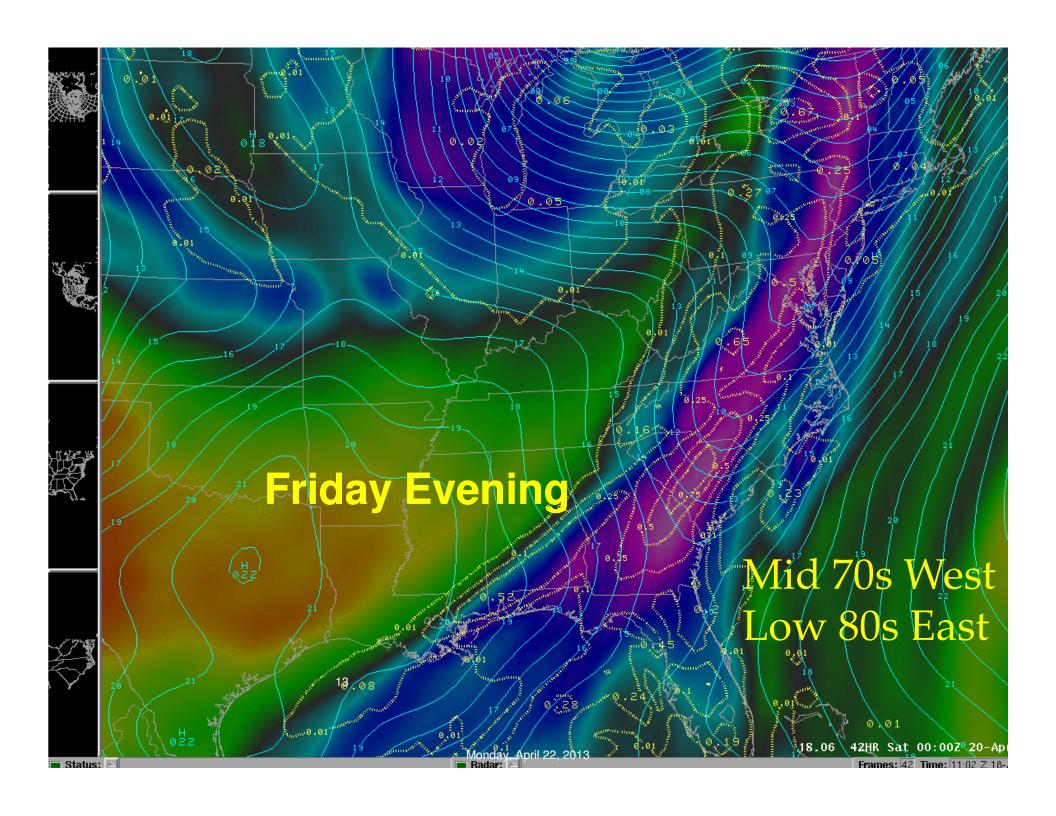
- County Lines
- <= 5 %
- 5 to 10 %
- 10 to 25 %
- 25 to 50 %
- 50 to 75 %
- 75 to 95 %
 - 95 to 105 %
 - 105 to 125 %
- 100 10 120 70
- 125 to 150 % 150 to 200 %
- 000102007
- 200 to 300 %
- 300 to 400 %
- 400 to 600 %
- > 600 %
- ✓ HUC6

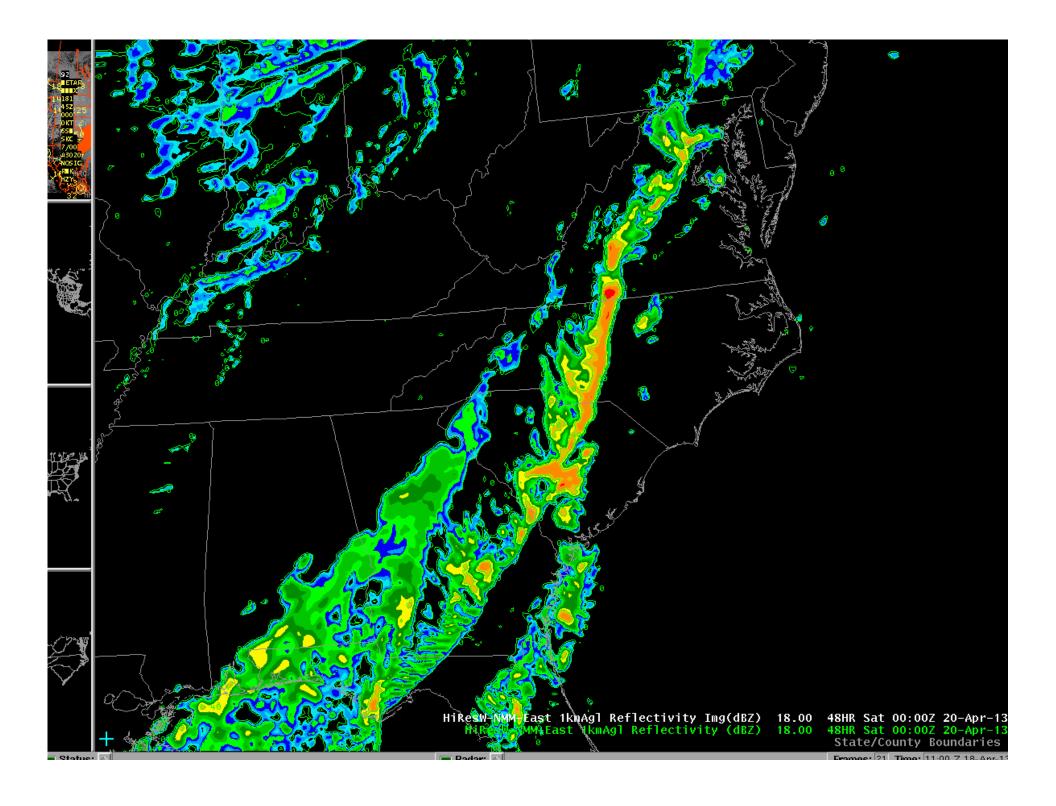


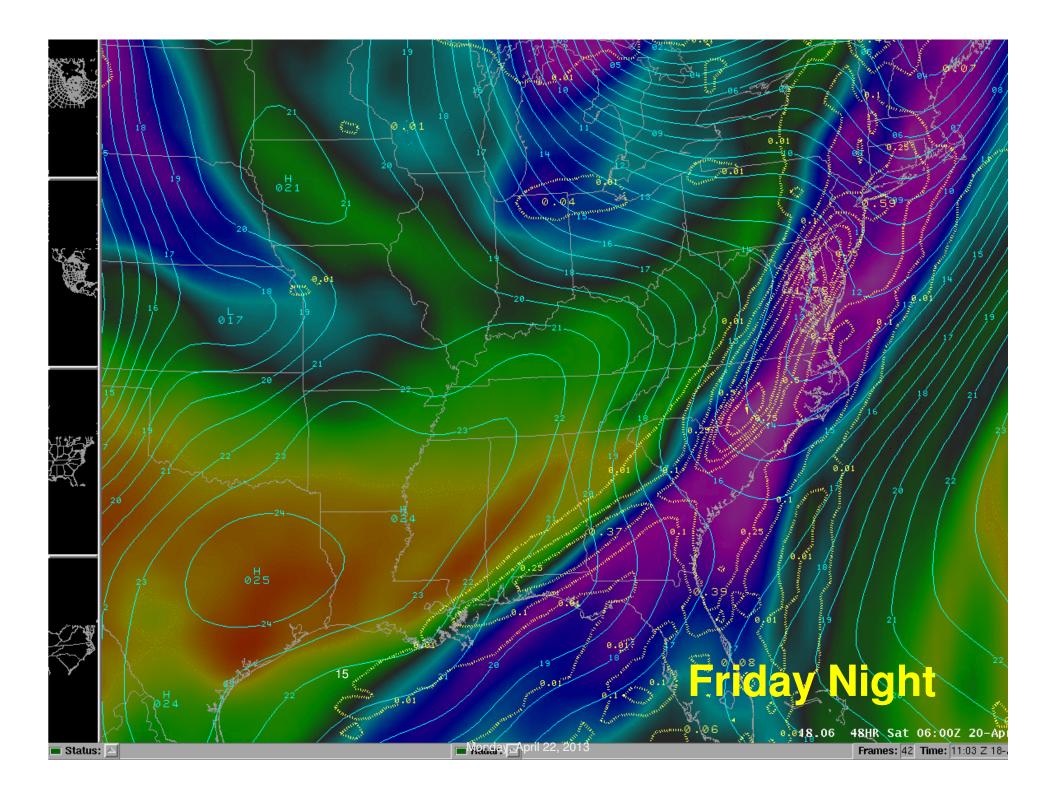


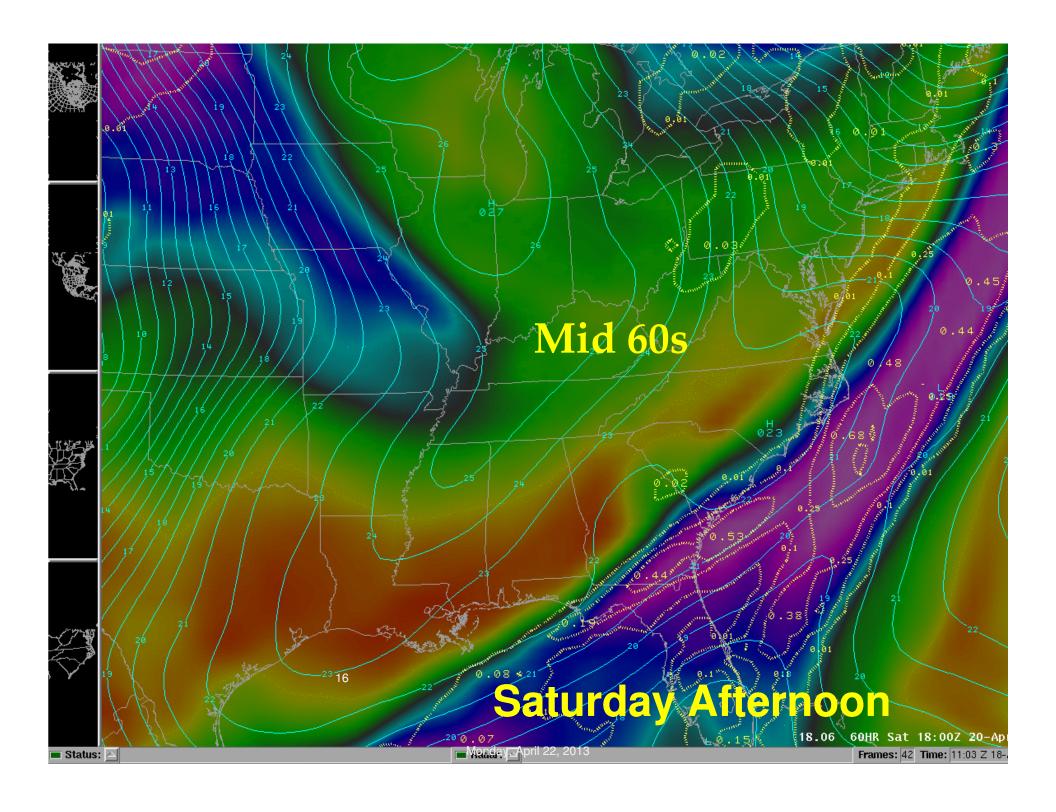


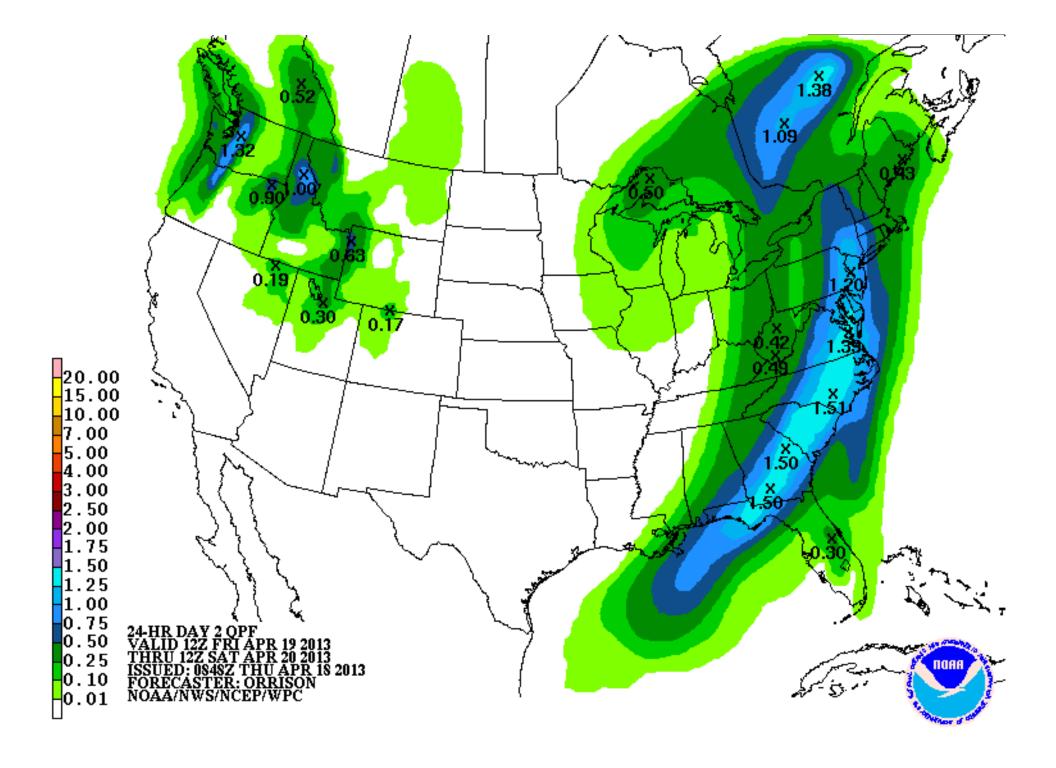


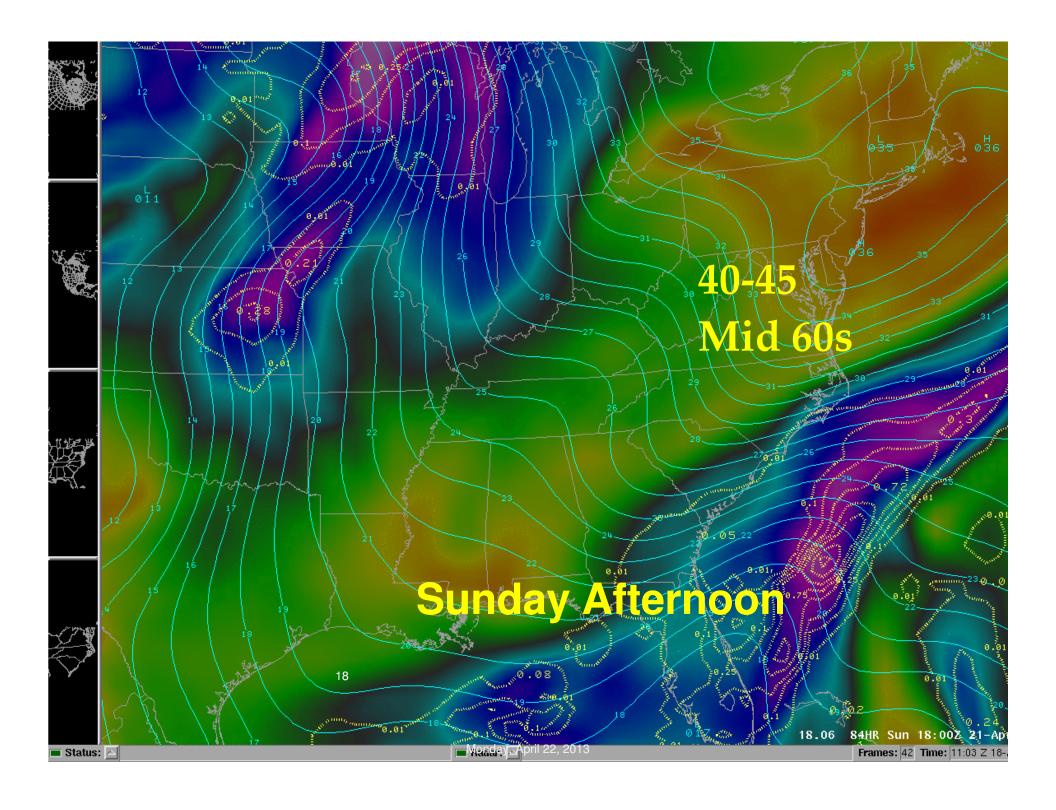


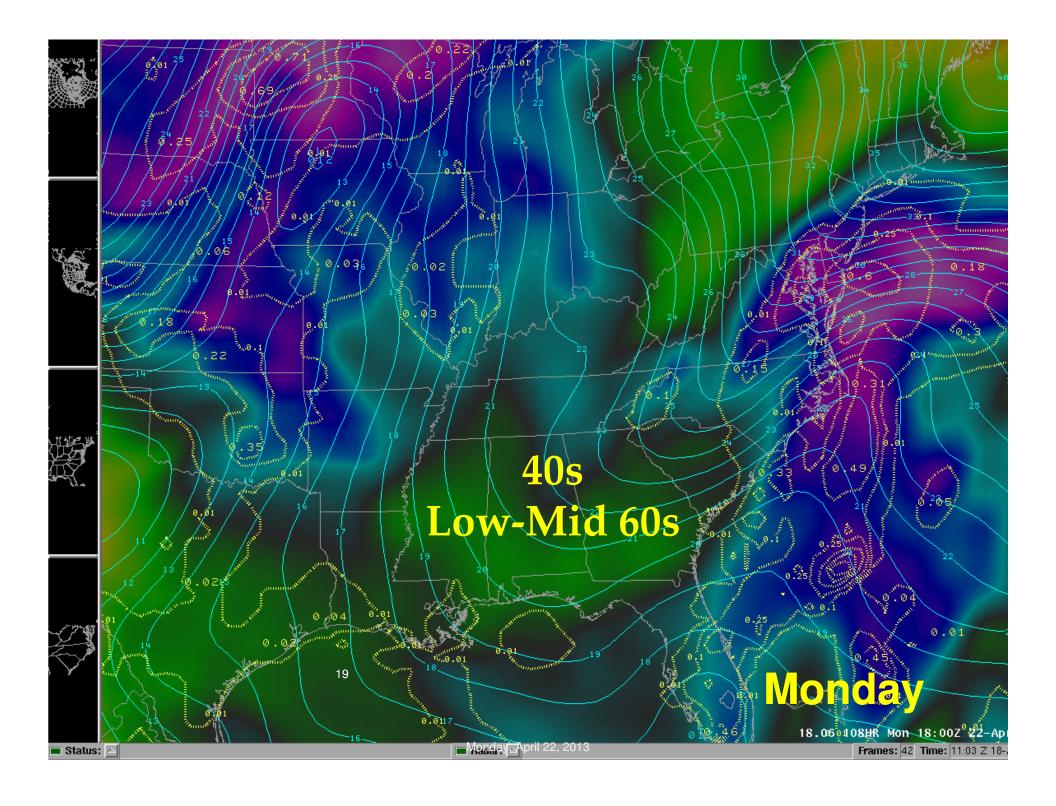


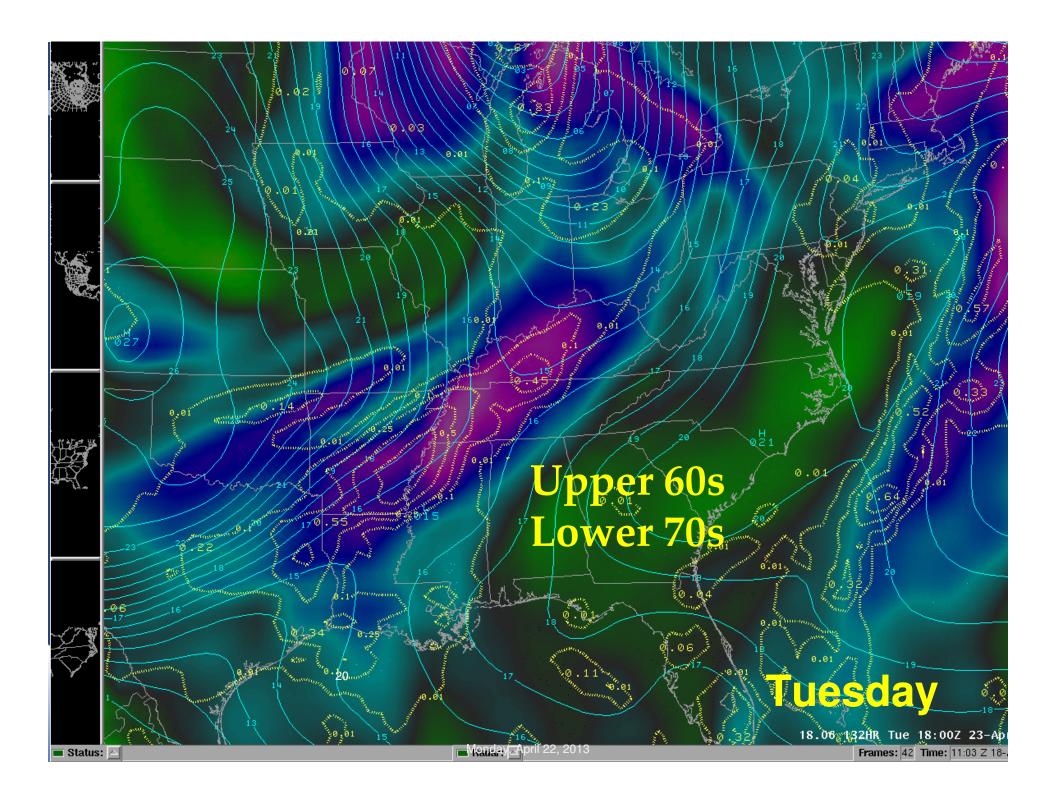


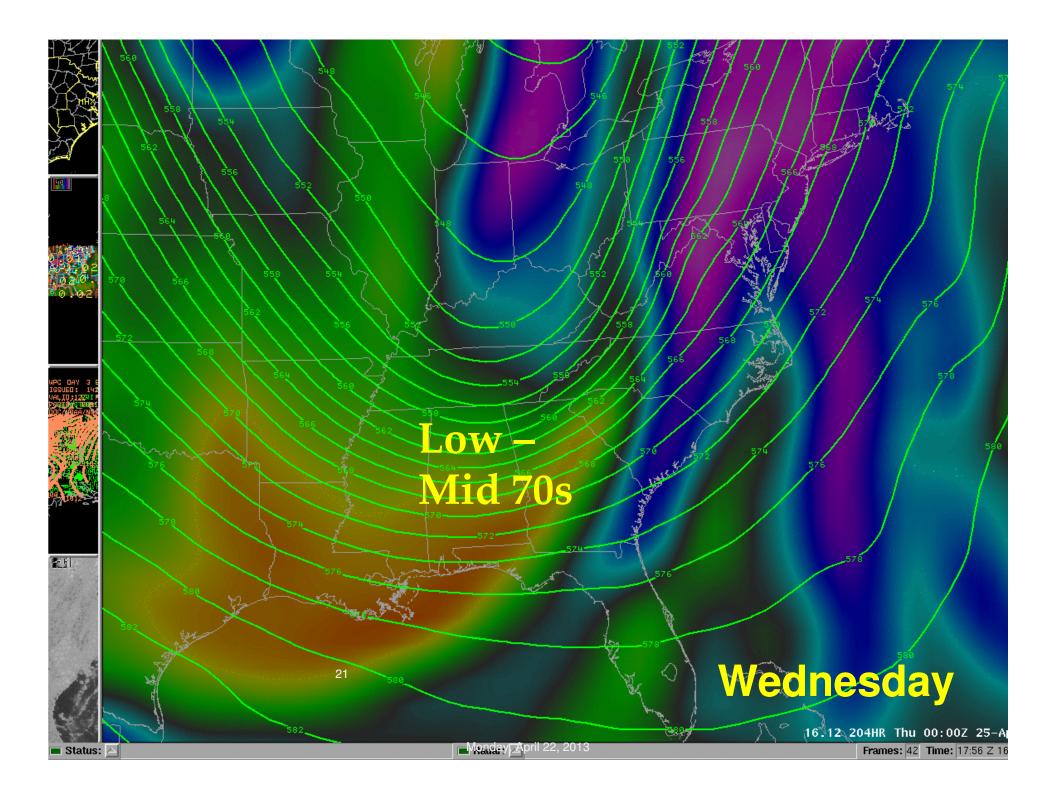


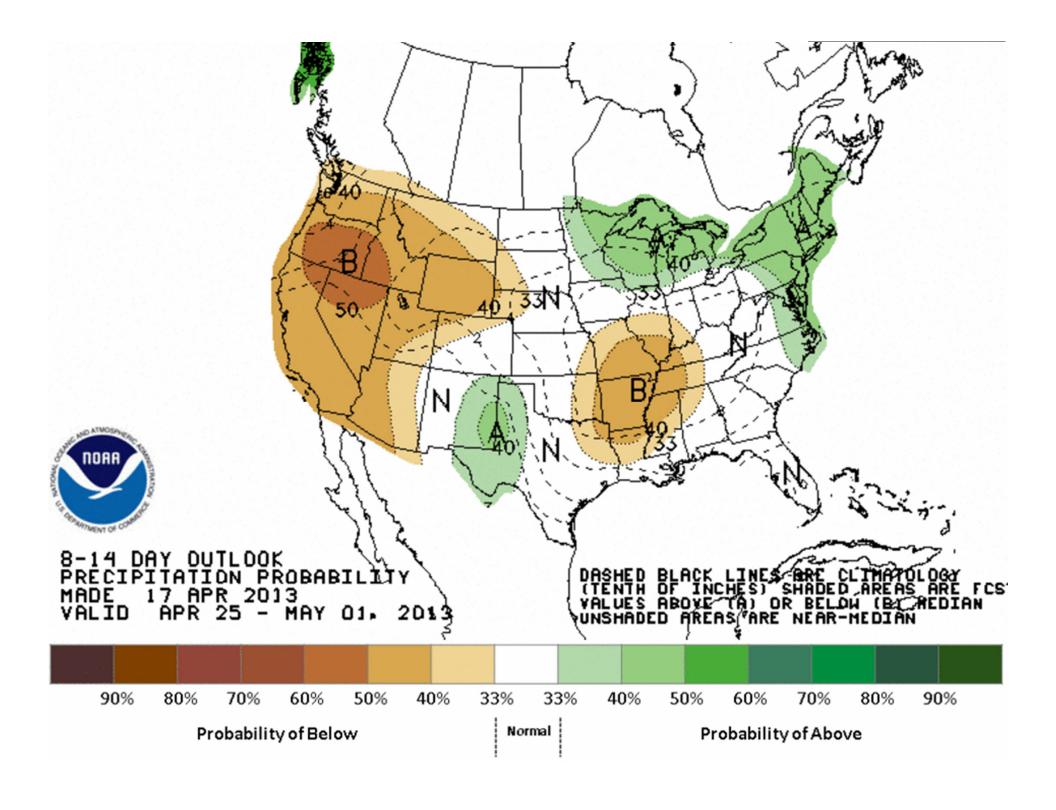












Coming Soon

- New Radar-based drought tools
 - Standardized Precipitation Index
 - Partially corrects for radar dry bias
- Publicly available before August
 - Available for testing in next few weeks



Outlook

- El Nino had a false start in Fall 2012
- Neutral conditions so far
- Little guidance for summer 2013
 - Persistence suggest warmer than long term average
 - No clue on precipitation pattern



Mid-Mar 2013 Plume of Model ENSO Predictions

