

Weather Briefing

First Heat Wave of the 2012 Season

Possible during Memorial Day

Weekend

Prepared 330 PM EDT – Wednesday, May 23, 2012

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Weather.gov/phi



Purpose of briefing

- Briefing #1 for event
- Promote situational awareness for emergency management community & partners
- Provide guidance for planning efforts
- Briefing applies to Mount Holly service area – shaded in green on map



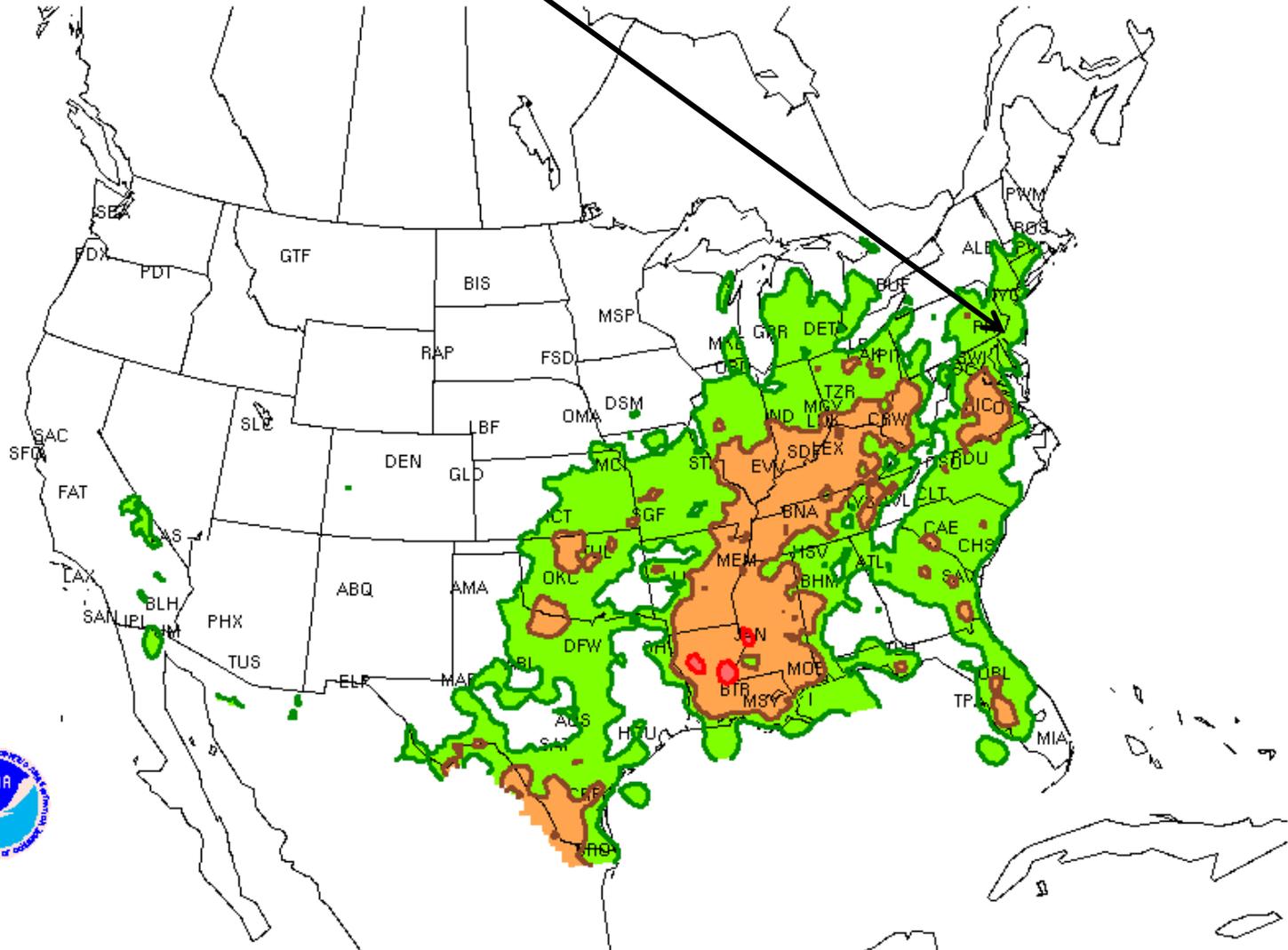
Executive Summary

- First heat wave of the season possible this upcoming Memorial Day weekend
- High pressure aloft and at the surface will bring increasingly hot and humid air to the region this weekend
- Excessive heat could begin on Saturday, then continue into early next week, ending late Tuesday.
- Heat Indices above 100 are possible.
- Since this will be the first excessive heat episode of the season... human acclimatization is somewhat limited. Remember that the elderly, very young, and medically ill are particularly vulnerable.
- Hit and miss shower / thunderstorm activity is possible, which would provide temporary relief wherever it occurs.
- Next briefing package will be issued around 330 PM Thursday, May 24th

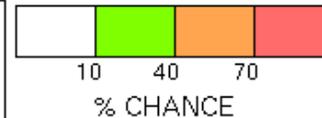


Up to a 40 percent chance of Heat Index exceeding 100F on Memorial Day

CLICK ON A CITY CODE FOR A TABLE OF FORECAST VALUES



DAY 5 FORECAST CHANCE OF MAXIMUM HEAT INDEX > 100F
ISSUED: 1837 UTC WED MAY 23 2012
VALID: MON MAY 28 2012
DOC/NOAA/NWS/NCEP
HYDROMETEOROLOGICAL PREDICTION CENTER



Excessive heat – final comments

- If you haven't tested your air conditioning since early last autumn, might be a good idea to test it before the heat arrives for this weekend.
- Things that could cool us off
 - Atlantic water temperatures are in the 60s; If we get a strong sea breeze, that will help knock the heat down.
 - There is the possibility of a cold front over the northeast U.S. pushing further south this weekend; if it does so, that will provide relief
- Keep an eye on the forecast at weather.gov/phi



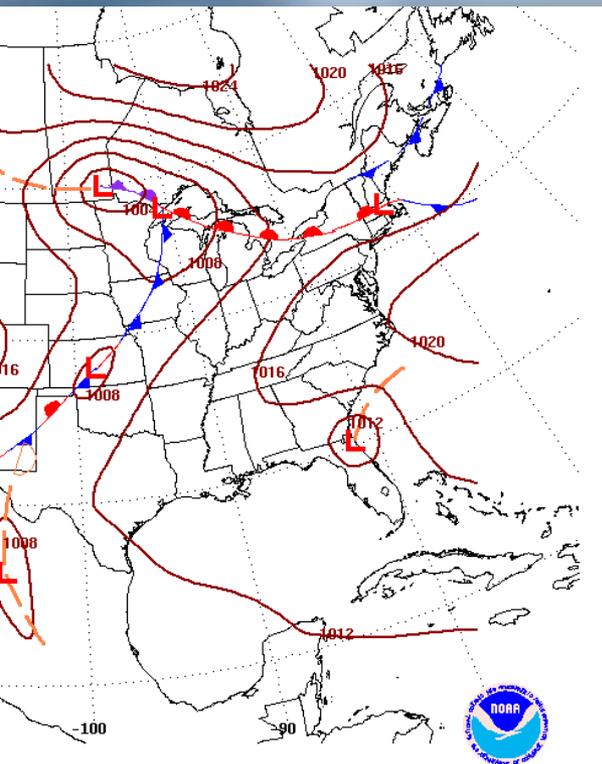
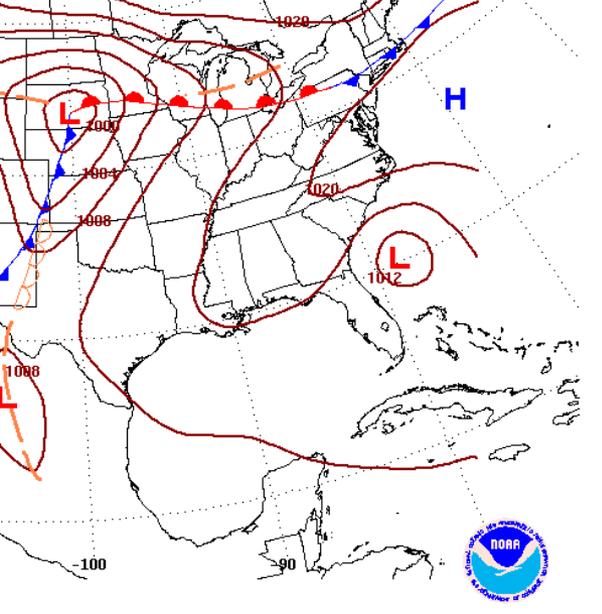
Plus – A Quick look at the Tropics

- NOAA's Official Hurricane Season outlook will be issued on Thursday, May 24th
- The Atlantic Hurricane Season starts on June 1st
 - But Mother Nature seems to be ahead of schedule
- We have already had our first Tropical Storm of the season – Alberto
- Plus, there is the threat of another tropical system this coming weekend



Potential Tropical system near southeast U.S. Coast

- The two maps on the left are surface weather maps for 800 AM Sunday morning, May 27th (top left) and 800 AM Monday morning, May 28th (bottom left)
- Low pressure system (Red L) near Georgia/Florida border is potential tropical system.
- Keep an eye on the forecast this weekend



Questions?

- For the latest information, visit our website at weather.gov/phi
- If you have any questions, please contact us.
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