

# **Weather Briefing**

## **First Heat Event of the 2012 Season**

### **Memorial Day Weekend**

Prepared 300 PM EDT – Friday, May 25, 2012

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NOAA's National Weather Service

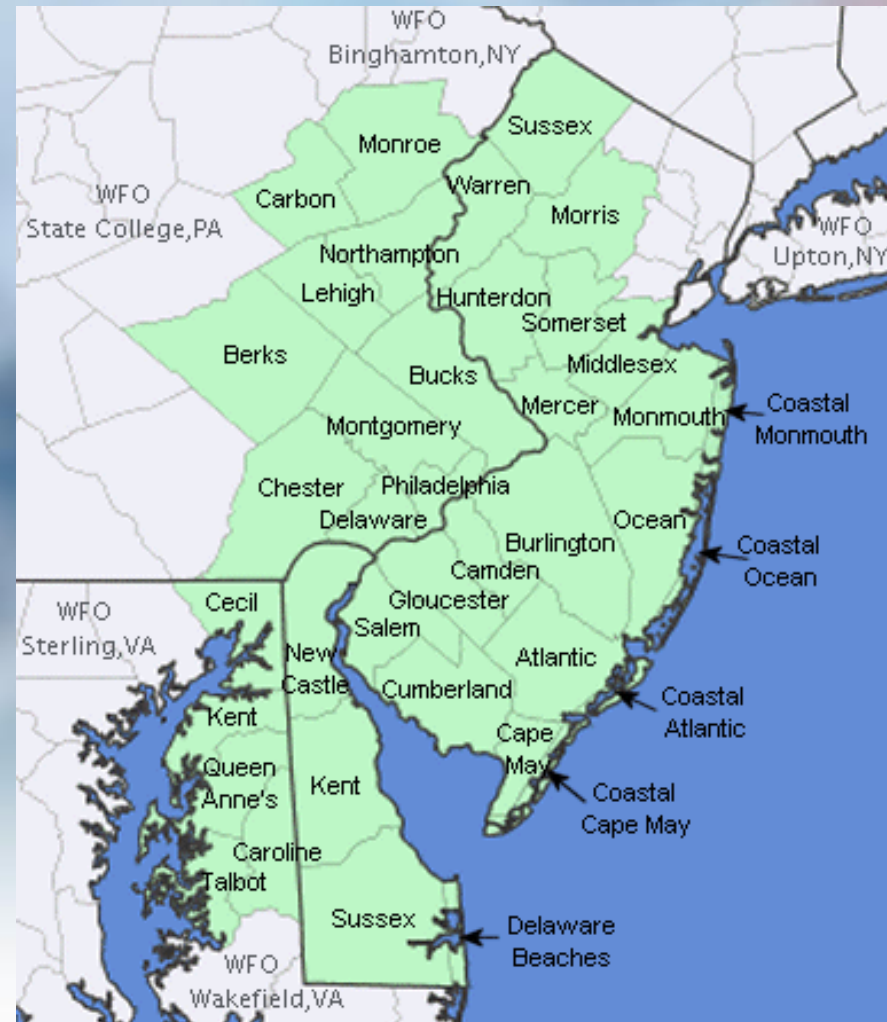
Philadelphia/Mt. Holly NJ Forecast office

[Weather.gov/phi](http://Weather.gov/phi)



# Purpose of Briefing

- Briefing # 3 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



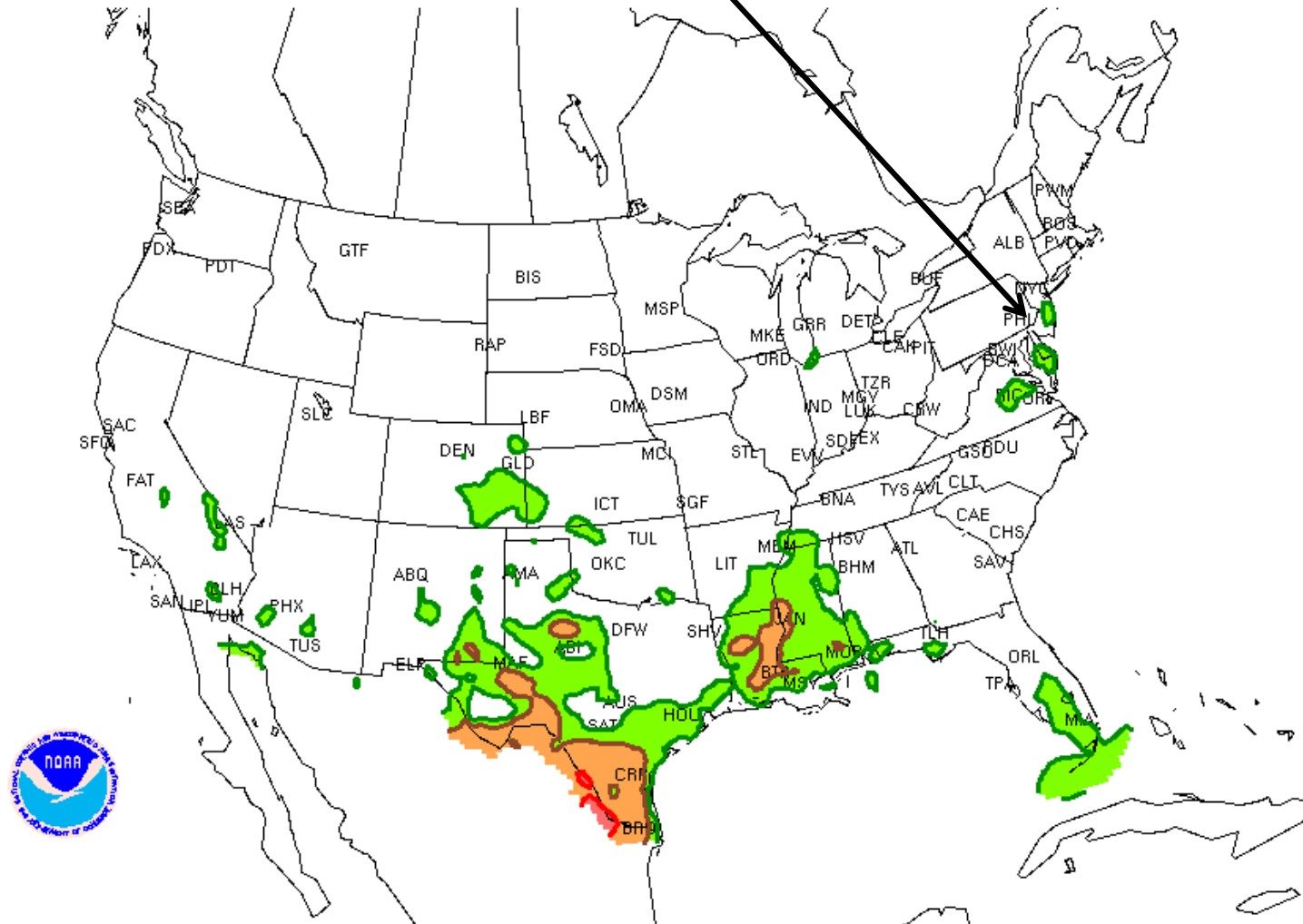
# Executive Summary

- First heat event of the season still possible this upcoming Memorial Day weekend, most likely Monday and Tuesday.
- High pressure aloft and at the surface will bring increasingly warm and humid air to the region beginning Saturday.
- Heat Indices above 100 are possible on Monday and Tuesday. Clouds, showers and thunderstorms associated with a weak cold front sagging south from New York state are expected to curtail the hottest weather until Monday and Tuesday.
- Nighttime low temperatures may not drop much below 70, especially in the urban areas.
- This heat event won't be the worst of the season, but since it's occurring so early, human acclimatization is somewhat limited. Remember that the elderly, very young, and medically ill are particularly vulnerable.
- This is anticipated to be the last briefing package.

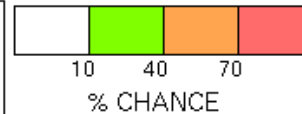


# 40 Percent Chance of Heat Index Exceeding 100 F on Memorial Day

CLICK ON A CITY CODE FOR A TABLE OF FORECAST VALUES

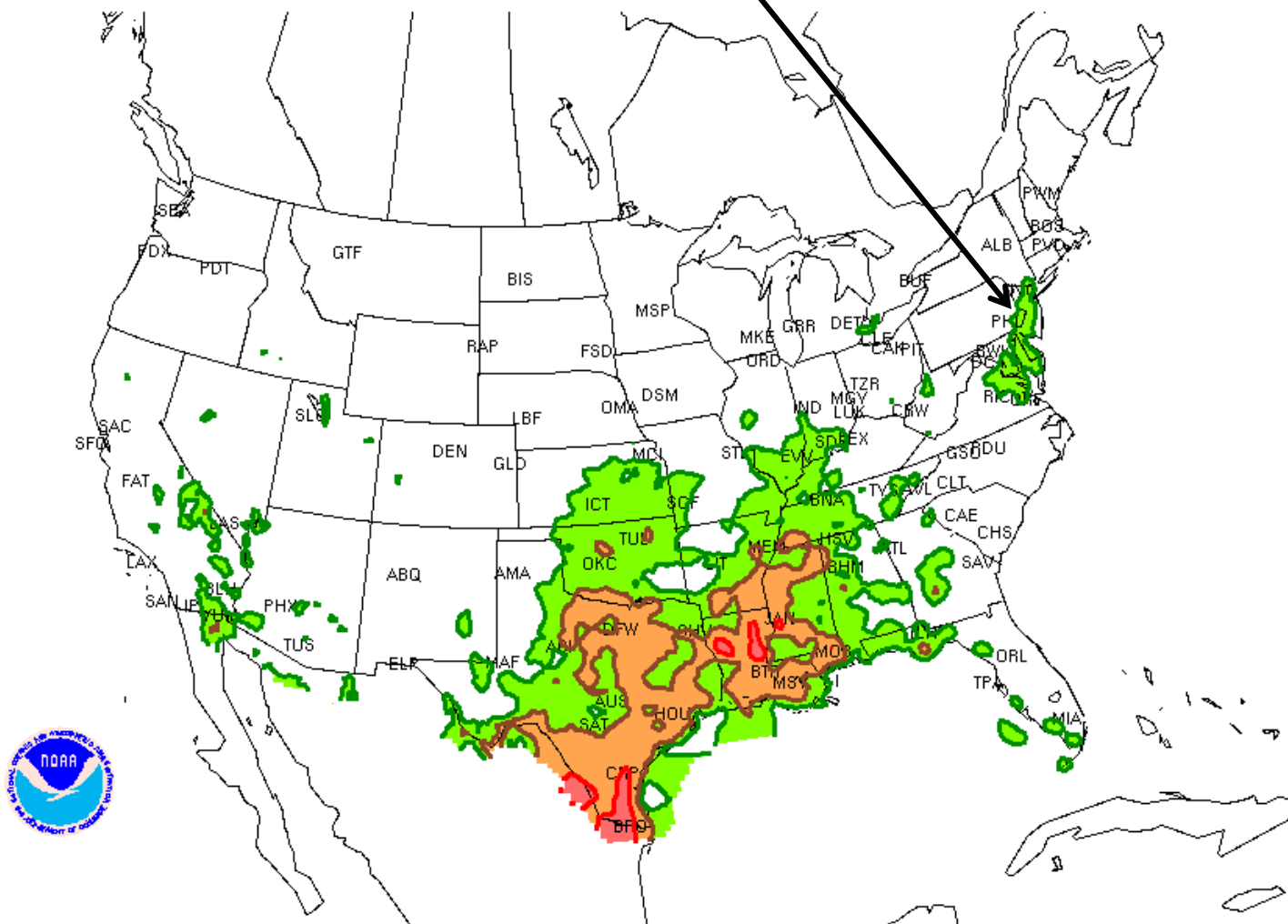


**DAY 3 FORECAST CHANCE OF MAXIMUM HEAT INDEX > 100F**  
ISSUED: 1841 UTC FRI MAY 25 2012  
VALID: MON MAY 28 2012  
DOC/NOAA/NWS/NCEP  
HYDROMETEOROLOGICAL PREDICTION CENTER

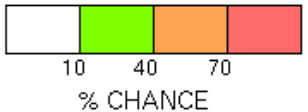


# 40 Percent Chance of Heat Index Exceeding 100 F on Tuesday Day

CLICK ON A CITY CODE FOR A TABLE OF FORECAST VALUES



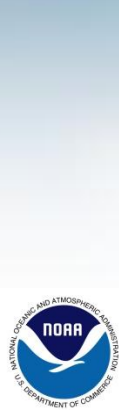
**DAY 4 FORECAST CHANCE OF MAXIMUM HEAT INDEX > 100F**  
**ISSUED: 1841 UTC FRI MAY 25 2012**  
**VALID: TUE MAY 29 2012**  
**DOC/NOAA/NWS/NCEP**  
**HYDROMETEOROLOGICAL PREDICTION CENTER**



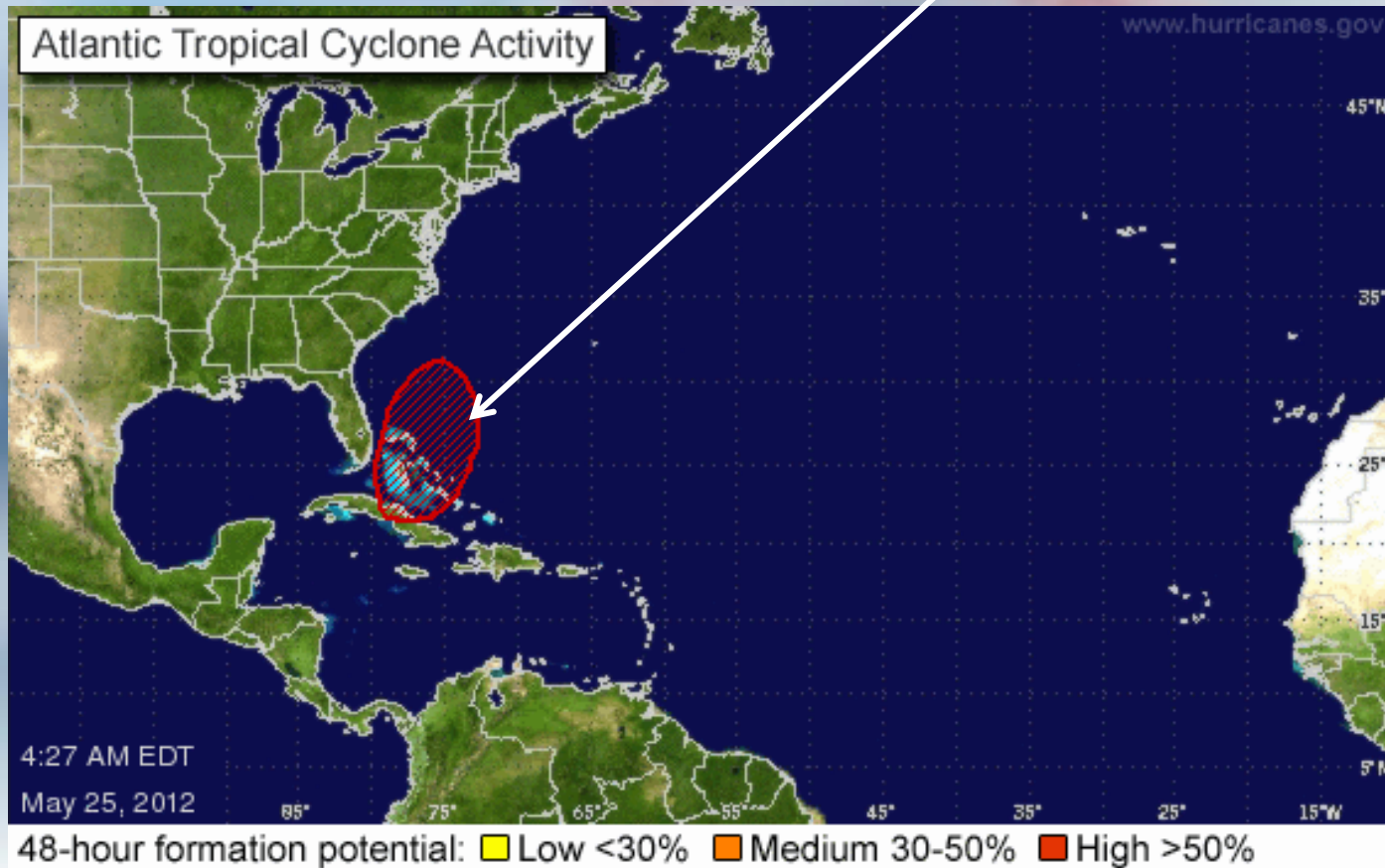
# Excessive Heat – Final Comments

Some things that could cool us off:

- Atlantic Ocean water temperatures are in the 60s: a strong sea breeze would help knock the heat down, especially near the shore
- Keep an eye on the forecast at [weather.gov/phi](https://weather.gov/phi)



70 % Chance of Tropical Storm Formation in the Caribbean Next Few Days, although it shouldn't effect the mid-Atlantic region



Visit [www.nhc.noaa.gov](http://www.nhc.noaa.gov) for updates



# Questions?

- For the latest information, visit our website at [weather.gov/phi](http://weather.gov/phi)
- If you have any questions, please contact us.
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