WEEKLY REPORT  
8/5/2011

- At 5pm Thursday, Tropical Storm Emily degenerated into a tropical wave while located just south of Haiti in the Caribbean Sea.

- This morning, thunderstorm activity associated with the remnants of Emily remain disorganized and stretches from eastern Cuba to northeast of the southeastern Bahamas.

- However, environmental conditions are forecast to be favorable for redevelopment beginning Saturday and the National Hurricane Center is forecast a 60% chance that Emily could once again become a tropical cyclone within the next 2 days.

- Emily’s remnants are moving northwest around 15 mph and morning computer models forecast Emily to continue to steer northwest or even northward through the next 2 days before moving rapidly northeast early next week ahead of a large trough along the U.S. east coast near the Carolinas.

- Even if Emily moves east of Florida, low pressure disturbances moving east along this stalled front will increase our rain chances this weekend and early next week.

- This westerly wind flow between high pressure to our south and low pressure to our north will continue to bring in a warm and humid airmass across the state and will keep temperatures and humidity values above normal statewide.

- Even before thunderstorms arrive, temperatures each afternoon could rise into the low to mid 90s and with increased humidity, many locations could see heat index values between 100 and 110 degrees each afternoon.

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- Overnight lows will be above normal, with mid 70s to low 80s expected each night.

- If you are going to be outside this weekend, keep in mind some heat safety tips:
  
  o Wear lightweight, light-colored clothing.
  o Wear a hat or use an umbrella. Apply sunscreen before exposure to the sun.
  o Drink water even if you do not feel thirsty.
  o Stay indoors when possible. Avoid strenuous activity in the afternoon.
  o Don’t forget your pets. Make sure they have access to water, ventilation and shade.
  o Do not leave people or pets in a car, even with the windows open.

- Plenty of moisture across the region along with enough energy along the sea breezes will generate scattered shower and thunderstorm activity across much of the state through Tuesday.

- Rain chances will be highest Friday and Saturday across northern Florida through Saturday where they will be closer to the front and disturbances, but a 20%-40% chance of mainly afternoon and evening shower and storm activity will also be in place across Central and South Florida. Highest rain chances there will be across inland areas.

- As more moisture moves across the state on Sunday and Monday, rain chances will increase statewide to around 30%-50% across North Florida and 20-40% across Central and South Florida.

- Because of the heat and humidity, storms each day could be on the strong to severe side and bring gusty winds as well as frequent lightning strikes and locally heavy rainfall.

- In all, rainfall amounts through Tuesday could reach up to 1”-2”, although higher amounts are possible depending on the track of Emily.

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If you’re planning on heading to the beach this weekend, look out for thunderstorms but also be aware of the possibility of rip currents along many Florida East Coast beaches through the weekend. A moderate risk of rip currents is also possible along the Florida Gulf coast beginning Sunday.

For the latest updates on the tropics and the weather forecast, visit www.FloridaDisaster.org and click on the Division’s homepage.

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