



124 Bull Street, Suite 140  
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## SITUATION REPORT #3

### TROPICAL STORM BONNIE & HURRICANE CHARLEY AUGUST 12, 2004 12:00pm

#### **Tropical Storm Bonnie (guidance same as 9:00 am release)**

Bonnie is making landfall near Apalachicola Florida. The storm will then move across central Georgia and into South Carolina this evening. Increasing winds aloft and developing low level wind shear combined with a warm and unstable air-mass will be sufficient to support the development of tornadoes. The most favorable time for tornado development will be this afternoon and evening to the east and northeast of the rapidly moving tropical storm.

Showers and thunderstorms developing this afternoon. Rain may be heavy at times. South winds 10 to 15 mph increasing to 15 to 20 mph. Rain accumulation of 1 to 3 inches is possible.

It is very likely that our area will be placed in a Tornado Watch today. All readers should review their tornado plans and be prepared to take quick action.

In the event of a tornado:

A tornado **WATCH** means that tornadoes are possible in and near the watch area. People in a watch area should review their tornado plans (Family Disaster Plan, Disaster Supplies Kit) and be ready to act if a warning is issued or they suspect a tornado is approaching.

A tornado **WARNING** means that a tornado has been sighted or indicated by weather radar. Tornado warnings indicate imminent danger to life and property. People in a warning area should go immediately to their safe room. If they are in a vehicle, they should get out of the vehicle and go to shelter in a nearby sturdy building or lie flat in a low spot away from the vehicle.

Watches and warnings for tornadoes are issued by the National Weather Service NWS and broadcast on NOAA Weather Radio and on local radio and television stations.



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## **Hurricane Charley:**

At 11am EDT, the center of Hurricane Charley was located near latitude 19.7 north, Longitude 81.2 west or about 25 miles east-southeast of Grand Cayman.

Charley is moving toward the northwest near 17 mph. A turn to the north-northwest is expected over the next 24 hours.

Maximum sustained winds are near 90 mph with higher gusts. Some strengthening is forecast during the next 24 hours.

Hurricane force winds extend outward up to 25 miles from the center and tropical storm force winds extend outward up to 115 miles.

Hurricane Charley has strengthened slightly. Charley will likely impact our area late Friday night into Saturday morning. Under the current forecast tropical storm force winds of 40–50 mph can be expected with this storm.

Forecast amounts could vary depending on the track of the storm. Any east or west deviation from the current forecast track should diminish the wind and rain predicated for this area. CEMA will continue to monitor conditions and provide updates as information becomes available. Under the current forecast we have two days to prepare for Charley's arrival.

## **CEMA recommends the following activities.**

- Residents of Chatham County with particular interest to Nursing Homes, Personal Care Homes, and Assisted Living Centers should prepare for the possibility of power outages.
- Precautions should now be taken to secure your property. Ensure you have workable flashlights or portable lanterns and a battery powered radio. Have a supply of spare batteries in the event of power disruption. Plan to store or secure outside lawn furniture, barbecue grills, garbage cans, and other loose objects.
- Boat owners should take action now to remove their boats from water or secure them for heavy weather conditions.

The next advisory will be at 6:00 pm today.