



# NATIONAL WEATHER SERVICE

CHARLESTON, SC WEATHER FORECAST OFFICE

## Hurricane Mathew

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...Hurricane Watch Now in Effect for our GA Coast...  
...Tropical Storm Watch for Effingham and Long counties in GA...

### OVERVIEW

[Hurricane Matthew](#) continues to pose a significant threat to the area. However, there remains a great deal of uncertainty in the track and intensity of the storm, which makes it very difficult to provide specific details for impacts. More information can also be found at the [NWS Charleston Tropical page](#).

### CURRENT WATCHES, WARNINGS AND/OR ADVISORIES (updated)

#### South Carolina:

Hurricane Watch ALL Marine areas EXCEPT Charleston Harbor

#### Georgia:

Hurricane Watch coastal counties from Altamaha River to the Savannah River

Tropical Storm Watch for Effingham, Long

Hurricane Watch ALL Marine areas

### EXPECTED IMPACTS (INCLUDES TIMING AND LOCATION)

**STORM SURGE:** Most probable worst case values of 4-8 feet inundation are possible. This would result in significant flooding for many lower elevation areas east of I-95 across Georgia. The southeast South Carolina coast should also be prepared for the potential for similar inundation values should the hurricane stay closer to the coast.

**WINDS:** Gusts at/above hurricane force possible mainly closer to the coast, with tropical storm force winds/gusts will possibly extend much further inland and persist for 18-24 hours. Extensive tree damage and significant power outage will be possible within any areas that receive hurricane force wind gusts (74 mph+).

**HEAVY RAIN:** Maximum rainfall totals of 5-10 inches with isolated higher amounts, especially near the coast. Flooding of low lying poorly drained areas, creeks and streams will be possible. Some roads could be closed/impassible.

**MARINE:** Hurricane conditions becoming more likely, with seas possibly building to 15-20 feet near shore, and 20-30 feet beyond 20 nm offshore. Dangerous conditions for all vessels, even larger ships.

**TORNADOES:** No significant threat anticipated at this time, as long as the center of the system remains offshore.

### POTENTIAL TIMING OF TROPICAL STORM FORCE WINDS

**POTENTIAL ONSET TIME:** Later Friday afternoon for GA, and into Friday evening further north into SC.

**POTENTIAL ENDING TIME:** Saturday evening, possibly earlier for locations further inland.

### CONFIDENCE

Low Confidence on Track, Strength, Timing of Matthew. This lower confidence affects our ability to give much detail on the resultant impacts.

### RECOVERY PHASE WEATHER ISSUES

Conditions expected to improve on Sunday.