

**Tropical Storm MICHAEL**  
Prepared by: Echo Charlie-07

**Key Judgments:**

Landfall occurred Wednesday afternoon near Mexico Beach, FL. The storm is transiting quickly across Florida, Georgia, the Carolinas, and possibly Virginia before traveling into the Atlantic Friday.

All residents should continue to closely monitor weather services for updated forecasts regarding tropical storm MICHAEL. Storm path projections could change.

All residents living in flood prone areas should evacuate if they have not already done so.

Anyone planning to shelter-in-place should be prepared for several days without outside assistance.

The AmRRON GA/SC SIGCEN is activated. SIGCEN operators are working with AmRRON and DD12 operators and will be conducting Health and Welfare checks on any operators in tropical storm MICHAELs path. Current AMCON is 2.

**Introduction:**

At 1200Z, the center of Tropical Storm MICHAEL was located near latitude 34.1 North, longitude 81.8 West. MICHAEL is moving toward the northeast near 21 mph and this motion is expected to continue with an increase in forward speed through tonight. A turn toward the east-northeast and an even faster forward speed are expected on Friday. On the forecast track, the center of MICHAEL will continue to move across central South Carolina this morning, then move across portions of central and eastern North Carolina and southeastern Virginia this afternoon and this evening, and move into the Atlantic Ocean by late tonight or early Friday.

Maximum sustained winds are near 50 mph with higher gusts. Little change in strength is expected today, with the strongest winds primarily spreading northward along the coast of the Carolinas. MICHAEL is forecast to intensify as it becomes a post-tropical low over the Atlantic late tonight or early Friday.

Tropical-storm-force winds extend outward up to 160 miles mainly over water to the southeast of the center. A coastal marine observing site at Folly Island, South Carolina recently reported a sustained wind of 45 mph with a gust to 54 mph. A wind gust to 49 mph was recently observed in Charleston, SC.

The estimated minimum central pressure based on surface observations is 986 mb.

According to poweroutage.us, nearly 900,000 customers are without power as of 1245Z including 349,612 in Florida, 346,512 in Georgia, 130,880 in South Carolina, 58,608 in Alabama, and 12,202 in North Carolina.

**Substantiation:**

Florida Gov. Rick Scott ordered activation of the State Emergency Operations Center in Tallahassee to enhance coordination between federal, state and local agencies.

Alabama Gov. Kay Ivey also issued a state of emergency on Monday afternoon.

Based on the latest forecast for Hurricane MICHAEL and acting on a recommendation from Georgia Emergency Management and Homeland Security Agency (GEMA/HS) officials, Gov. Nathan Deal today issued an emergency declaration for 92 Georgia counties. The emergency declaration is effective for seven days and makes all state resources available to local governments and entities within the impacted area of the hurricane. Additionally, at 1000L 10 October Gov. Deal declared an additional 16 counties bringing the total to 108 of the 159.

**Outlook:**

Hurricane MICHAEL was a major hurricane at landfall near Mexico Beach, FL. It will quickly move across the southeastern US. MICHAEL is causing major power outages and transportation systems delays.

The CSRA experienced power outages, light to moderate flooding, and downed trees and limbs as the center of Tropical Storm MICHAEL passed overhead.

As Tropical Storm MICHAEL now travels across the Carolinas, the risk of more flooding and downed trees increases due to already saturated ground. The areas impacted by FLORENCE are most at risk.

**References:**

Accuweather News Report <https://www.accuweather.com/en/weather-news/state-of-emergency-declared-schools-close-in-florida-as-storm-preparations-begin-for-hurricane-MICHAEL/70006275>

Deal declares state of emergency ahead of Hurricane MICHAEL <https://gov.georgia.gov/press-releases/2018-10-09/deal-declares-state-emergency-ahead-hurricane-MICHAEL>

Hurricane MICHAEL Advisory Number 19A  
<https://www.nhc.noaa.gov/text/refresh/MIATCPAT4+shtml/111154.shtml>

PowerOutage.US <https://poweroutage.us/>

AmRRON Communications Condition Level <https://amrron.com/net-resourcestools/amcon-amrron-communications-condition-level/>