

Tropical Storm MICHAEL
Prepared by: Echo Charlie-07

Key Judgments:

Landfall occurred Wednesday afternoon near Mexico Beach, FL. The storm has transited quickly across Florida, Georgia, the Carolinas, and Virginia heading into the Atlantic late Thursday early Friday.

All residents should continue to closely monitor weather services for updated forecasts regarding tropical storm MICHAEL.

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

The AmRRON GA/SC SIGCEN has de-activated. SIGCEN operators are continuing to work 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 2100Z, the center of Tropical Storm MICHAEL was located near latitude 36.1 North, longitude 78.8 West. MICHAEL is moving toward the northeast near 24 mph, and this motion is expected to continue with an increase in forward speed through tonight. A turn toward the east-northeast at an even faster forward speed is expected on Friday and Saturday. On the forecast track, the center of MICHAEL will move across eastern North Carolina and southeastern Virginia this evening, and move into the western Atlantic Ocean tonight.

Maximum sustained winds are near 50 mph with higher gusts. MICHAEL is forecast to intensify as it becomes a post-tropical low over the Atlantic late tonight and Friday.

Tropical-storm-force winds extend outward up to 230 miles, primarily over water to the southeast of the center. A wind gust of 53 mph was recently reported at Danville, Virginia, and a gust of 56 mph was reported at Burlington, North Carolina. A sustained wind of 51 mph and a gust of 59 mph at the Johnny Mercer Pier in Wrightsville Beach, North Carolina.

The estimated minimum central pressure based on recent surface observations is 990 mb.

Reports from AmRRON, SEPN, and DD12 operators in the affected areas of south Georgia and the Florida panhandle indicate power outages, downed trees, and property damage. Property damage observed varies from shingle to total destruction. Recovery efforts are ongoing and medical evacuations have occurred.

Outlook:

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.

Recovery operations along MICHAELs path will take weeks if not months.

References:

Hurricane MICHAEL Advisory Number 21

<https://www.nhc.noaa.gov/text/refresh/MIATCPAT4+shtml/112051.shtml>

Timeline of 11 Oct 2018 <https://www.myarklamiss.com/news/national/the-latest-official-michael-responsible-for-georgia-death/1515269820>

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