



## Situation Report

### Tropical Storm Michael - Southeastern U.S. - Situation Report – 11 Oct 18 (Update 02)

<b>Date As Of:</b> 10/11/2018 05:48:43	<b>Sitrep Update #:</b> 02
<b>Incident Start Time:</b> 10/11/2018 03:16:18 <b>Incident End Time:</b> Ongoing	<b>Incident Location:</b> Southeastern U.S
<b>Impacted Sectors:</b> Commercial Facilities, Communications, Dams, Emergency Services, (Emergency Management), Energy, (Oil), (Natural Gas), (Electricity), Healthcare and Public Health, None, Nuclear Reactors, Materials and Waste, Transportation Systems, (Aviation), (Maritime Transportation Systems), (Mass Transit and Passenger Rail), (Freight Rail), Water and Wastewater systems	<b>Reported Cause of Incident:</b> Tropical Storm
<b>Interagency Coordination:</b>	<b>On Scene Agencies:</b> None Identified
<b>Owner/Operator(s) Involved:</b> None Identified	<b>Source of Information:</b> NOAA

#### Incident Summary:

##### OVERVIEW

As of 0500 EDT on 11 Oct, the National Hurricane Center (NHC) Tropical Storm Michael is expected to move toward the northeast near 21 mph and this motion is expected to continue with an increase in forward speed through tonight. Maximum sustained winds have decreased to near 50 mph. Some additional weakening is expected today. Michael is forecast to intensify as it becomes a post-tropical low over the Atlantic late tonight or early Friday. On the forecast track, the center of Michael will move through eastern Georgia into central South Carolina this morning, then move across portions of central and eastern North Carolina and southeastern Virginia into the Atlantic Ocean by late tonight or early Friday.

##### KEY POINTS

National Risk Management Center (NRMC) assessed medium-to-high regional impacts to infrastructure in Florida, Alabama, Georgia, and South Carolina as a result of heavy rainfall, wind damage, flooding, and storm surge from Hurricane Michael. No national impacts are anticipated.

##### CRITICAL INFRASTRUCTURE SECTOR IMPACTS

##### COMMUNICATIONS

As of 0052 EDT, 11 Oct, National Communications Center (NCC) reported that a communications trailer with supporting equipment and personnel is pre-staged at the Aviation Training Center in Mobile, AL.

##### COMMERCIAL FACILITIES

As of 0200 EDT, 11 Oct, IP Region IV reported 25 light structures collapsed in the Dothan, AL.



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## DAM

As of 2100 EDT, 10 Oct, The Dams SSA indicated they will continue to monitor and provide updates as received. Currently there are no reported issues with dams.

## HEALTHCARE AND PUBLIC HEALTH

As of 0200 EDT, 11 Oct, IP Region IV reported the Bay Medical Sacred Heart located in Panama City, FL has reported damage to their facility. The building has taken on water and is structurally compromised. Their generators are currently functioning, further hospital damage evaluations are ongoing. All 210 patients have been moved to safe areas and are receiving care.

The Secretary of Health and Human Services (HHS) has declared a public health emergency for areas impacted by Hurricane Michael. Medical support equipment has been staged away from the projected storm track. Four hospitals in the area have evacuated. Food and Drug Administration (FDA), assessed that the manufacturing assets for medical supplies and pharmaceuticals will not have any adverse national impacts.

## EMERGENCY MANAGEMENT

In Florida, the President approved Emergency Declaration FEMA-3405-FL for Public Assistance for 14 counties and Emergency Protective Measures for 21 counties. Florida requested an Expedited Major Disaster Declaration for Individual Assistance and Public Assistance for 14 counties. The Governor of FL declared a State of Emergency for 35 counties. Additional resources are being staged in preparation for Urban Search & Rescue operations. 49 shelters are open with 6,887 occupants.

The Georgia Governor declared a State of Emergency for 108 counties. Five shelters are open with 52 occupants. GA State Parks and Atlanta Motor Speedway facilities are available to evacuees.

## ENERGY

### (Electricity)

As of 0400 EDT, 11 Oct, US Department of Energy (DOE) reports estimated power outages of 296,600 in Florida, 288,200 in Georgia, and 61,300 in Alabama.

As of 0052 EDT, 11 Oct, NCC reported that Bay County, FL has intermediate cell phone coverage and no internet access. Gulf County FL has no cell phone or internet coverage.

### (Oil and Natural Gas)

As of 2000 EDT, Oct 10, Department of Energy reported that 5.3 percent of Florida gas stations, 2 percent of Georgia gas stations, and 1 percent of Alabama gas stations were reported out-of-service due to lack of fuel and/or power. No pipeline issues have been reported.

As of 1200 EDT, Oct 10, Bureau of Safety and Environmental Enforcement (BSEE) reported personnel have been evacuated from a total of 89 production platforms, which is 13 percent of the 687 manned platforms in the Gulf of Mexico. Additionally, personnel have been evacuated from three non-dynamically positioned (non-DP) rigs, equivalent to 13.6 percent of the 22 non-DP rigs of this type currently operating in the Gulf. Four dynamically positioned rigs have moved off location of the storm's path, 23.5 percent of the 17 dynamically positioned rigs.



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Evacuated personnel activated shut-in procedures. Approximately 42.3 percent of the current oil production in the Gulf of Mexico has been shut-in. Approximately 31.7 percent of the natural gas production in the Gulf of Mexico has been shut-in. After the hurricane passes facilities will be inspected.

### NUCLEAR REACTORS, MATERIALS, AND WASTE

As of 0001 EDT, 11 Oct, Nuclear SSA reported that Nuclear power plant Farley's units will reduce power and determine if the plant's units need to be shut down if required by storm conditions. Five out of six offsite power lines are operable; each unit requires two operable offsite power lines.

### TRANSPORTATION SYSTEMS

#### (Maritime Transportation)

As of 0200 EDT, 11 Oct, IP Region IV reported the intercostal waterway from mile marker 166 and westward is open.

As of 1900 EDT, 10 Oct, FEMA reported the Port of Mobile, AL is open with restrictions; Chattahoochee River in GA is open with restrictions (closed north of Walter F. George Lock and Dam) Savannah and Brunswick, GA ports open with restrictions.

#### (Highway and Motor Carrier)

As of 0200 EDT, 11 Oct, IP Region IV reported the Hathaway Bridge, John Gorrie Memorial Bridge, and Clyde B. Wells Bridge in FL are closed. Barbour County Emergency Management Director reports the City of Eufaula, AL roads are blocked and impassable.

As of 1900 EDT, 10 Oct, FEMA reported that the FL State Highway Patrol closed the Trammel Bridge on State Road 20 over the Apalachicola River.

#### (Aviation)

As of 0200 EDT, 11 Oct, IP Region IV reported the Tallahassee, Albany, and Pensacola FL are open and flights are expected to resume 11 of October.

#### (Mass Transit and Passenger Rail)

As of 1700 EDT, 10 Oct 18, RAN reported Amtrak has suspended service on two routes between Jacksonville and Miami in Florida and from Washington, DC, to Savannah, Georgia.

#### (Freight Rail)

As of 1700 EDT, 10 Oct 18, RAN reported CSX and Norfolk Southern (NS) have suspended operations in storm-impacted areas. Class II and III short line railroads in affected areas of northwest Florida and parts of Georgia have suspended operations pending the storm's passage and assessments of impacts. CSX suspended routes between Pensacola, Florida, and Savannah, Georgia. NS suspended routes in two areas: eastward from Pensacola, Florida; and between Jacksonville, Florida, and Macon and Augusta, Georgia. Trains have been loaded with materials for bridge and track restoration, generators and fuel supplies that will enable timely resumption of train operations as safe conditions allow.

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WATER AND WASTEWATER SYSTEMS

As of 0200 EDT, 11 Oct, IP Region IV reported the Cottonwood water treatment facility in AL lost power and the ability to provide water to the area. The facility implemented backup methods and will be provided a generator later today.

[Redacted]

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