



Situation Report

Michael Response and Recovery - Southeastern U.S. - 13 Oct 18 (Update 06)

Date As Of: 10/13/2018 16:00:32	Sitrep Update #: 06
Incident Start Time: 10/11/2018 03:16:18 Incident End Time: Ongoing	Incident Location: Southeastern U.S
Impacted Sectors: Commercial Facilities, Communications, Dams, Emergency Services, (Emergency Management), Energy, (Oil), (Natural Gas), (Electricity), Healthcare and Public Health, Nuclear Reactors, Materials and Waste, Transportation Systems, (Aviation), (Maritime Transportation Systems), (Mass Transit and Passenger Rail), (Freight Rail), Water and Wastewater systems	Reported Cause of Incident: Natural Disaster
Interagency Coordination: FEMA DOE NHC	On Scene Agencies: FEMA
Owner/Operator(s) Involved: None Identified	Source of Information: National Hurricane Center, Department of Energy, FEMA, Railway Alert Network, IP Region IV

Incident Summary:

OVERVIEW

Response and recovery efforts for Michael continue throughout the southeast region. Crews are working diligently to restore power to affected customers. Transportation crews are in the process of inspecting and clearing roads that have been affected by the storm. While river flooding will remain a threat in Virginia and North Carolina, no significant weather is expected and rivers should recede below flood level by late next week. There is still significant damage to the Florida panhandle and southwestern Georgia.

KEY POINTS

At 1133 EDT on 13 Oct, open source reports the President declared a state of emergency for Alabama yesterday to assist in recovery efforts for Michael.

Substantial structural damage has occurred along the Florida coast in the Panama City and Mexico Beach areas. Assessments / local search and rescue operations continue in and around these areas.

Wide Spread power outages and flooding continue to be seen throughout the southeastern and mid-Atlantic states; while efforts continue to restore cell phone and internet coverage. Clean up and repair efforts have commenced, fuel concerns have been expressed, and are being handled at the state level.



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CRITICAL INFRASTRUCTURE SECTOR IMPACTS

CHEMICAL

On 13 Oct, Sector Outreach and Programs Division (SOPD), Chemical reported facilities will be performing damage assessments, employee accountability, and determining restoration needs.

COMMUNICATIONS

On 13 Oct, the National Cybersecurity & Communications Integration Center (NCCIC) National Coordinating Center for Communications (NCC) reported the following state cell site outages within the impacted areas:

- AL – 3.7 percent
- FL – 20.2 percent
- GA – 7.8 percent

Public Safety Answering Points (PSAP) 911 degradation for FL is being reported at nine rerouted and one down at Jackson County Sheriff Office.

Mobile switching centers for the following states are reported:

- Alabama has three down and none on generator
- Florida, 43 down and 16 on generator
- Georgia, five down and 11 on generator

The Emergency Alert Service remains operational.

As of 0630 EDT on 13 Oct, FEMA reports several major cellular company sites continue to operate on backup power; massive refueling operations underway to ensure sites without commercial power continue to remain in service for customers and first responders.

Florida

As of 1400 EDT on 13 Oct, 24 Cells towers in Tallahassee and 43 in Panama City have been restored. Previous reports of widespread destroyed towers are believed to be inaccurate.

Emergency communication capabilities have been provided to Franklin and Gulf County public safety offices. A Mobile 911 Dispatch has been deployed to Calhoun County, with Pensacola supporting other impacted counties.

FOOD AND AGRICULTURE

On 12 Oct, Georgia's Department of Agriculture reported with only 15 percent of cotton and 30 percent of



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vegetables harvested, which is being considered a total loss. Ninety two chicken houses were destroyed, which contributes \$23.3 billion to the economy.

FEMA reports Agricultural food safety assessments will begin with Florida Department of Agriculture and Consumer Services regulated facilities on 13 Oct.

Florida

The Florida Rural Water Association (FRWA), reports the Bay County Water Treatment Plant is currently reported as being Partially Operational. The cause of the partial operations are still being investigated.

There are 28 boil water notices in the state. Currently assessing the needs for water restoration is difficult as response activities are still ongoing.

HEALTHCARE AND PUBLIC HEALTH

As of 13 Oct, the DOI reports damage assessments are underway in Georgia, curfews are in effect for six counties and there are seven counties under boil water advisories.

Georgia State Emergency Operations Center (SEOC) reports three hospitals in the southwestern and southern part of the state are currently without primary electric power and are operating on backup generators. The remaining hospitals running on generators have been put on the priority restoration list. Currently there are no concerns regarding fuel for their generators.

As of 1400 EDT on 13 Oct, IP Region IV reports the Jackson Hospital (Marianna County), the Gulf Coast Regional Medical Center (Panama City), the Bay Medical Center Sacred Heart Health System (Panama City), the Emerald Coast Behavioral Hospital (Panama City) and the Encompass Health Rehabilitation Hospital of Panama City (Panama City) are all planning to evacuate. The Gulf Coast Regional Medical Center and the Bay Medical Center Sacred Heart Health System are treating patients in the emergency room only.

EMERGENCY SERVICES

911 Dispatch Centers in Tift and Colquitt Counties (GA) are operating under backup generator service.

ENERGY

(Electricity)

As of 13 Oct, the DOE reports a combined total of over 920K customers remain without power in the affected areas. As damage assessments and restoration efforts continue across the affected regions; power outage numbers are reflecting a downward trend. Efforts in the hardest-hit areas may be prolonged due to access constraints and the level of damage.



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Fluctuations in the outage numbers are expected and normal during large-scale restoration efforts.

IP Region IV PSAs report, unconfirmed wide-spread retail fuel shortages; power outages are driving the concern over lack of retail fuel. As power restoration efforts continue, the ability for fuel stations to support residents will improve and alleviate concerns regarding fuel availability.

As of 1400 EDT on 13 Oct, IP Region IV reports the Chevron Panama City Terminal is currently inoperative, but facility officials believe they can meet customer needs through other logistics. Additional assessments are ongoing.

The Gulf Power Lansing Smith Generating Plant is currently inoperative. A Gulf Power representative reports the plant sustained damage to facility buildings. Additional assessments are ongoing.

Florida

As of 13 Oct, most utilities have no estimated time of power restoration. Eight temporary fuel depots are being established to provide fueling capabilities to critical responders.

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TRANSPORTATION SYSTEMS

(Maritime Transportation System)

Latest reports from FEMA state all ports within the affected areas have opened with the exception of the Port of Panama City, which is open with restrictions (daylight operations only).

(Highway and Motor Carrier)

As of 13 Oct, IP Region IV PSA reports the John Gorrie Memorial Bridge on US-98 crossing the Apalachicola River is closed on both sides of the bridge.

Florida Department of Transportation continues to report significant closures on US-98 through the affected area.

IP PSA GA reports all bridges on state routes have been inspected and are operational. County routes have not yet been evaluated.

Traffic Light Protocol (TLP) Recipients may share (TLP: GREEN) information with peers and partner organizations within their sector or community, but not via publicly accessible channels. Information in this category can be circulated widely within a particular community. (TLP: GREEN) information may not be released outside of the community.