Hurricane Michael - Estimated Impacts
Advisory 8, 08 October 2018 1500 UTC
PDC-14A-8A

NWS Summary: At 1100 AM EDT (1500 UTC), the center of Hurricane Michael was located near latitude 21.2 North, longitude 84.9 West. Michael is moving toward the north near 7 mph (11 km/h). A northward motion at a slightly faster forward speed is expected through Tuesday night, followed by a northeastward motion on Wednesday and Thursday. On the forecast track, the center of Michael will move northeast near the western tip of Cuba this afternoon and into the southeastern Gulf of Mexico by tonight. Michael will move across the eastern Gulf of Mexico Tuesday and Tuesday night, and is expected to move inland over the Florida Panhandle or Florida Big Bend area on Wednesday, and then move north-northeast across the southeastern United States Wednesday night and Thursday. Data from an Air Force Reserve Hurricane Hunter aircraft indicate that maximum sustained winds have increased to near 75 mph (120 km/h) with higher gusts. Steady to rapid strengthening is forecast during the next day or so, and Michael is forecast to become a major hurricane by Tuesday or Tuesday night. Hurricane-force winds extend outward up to 30 miles (45 km) from the center and tropical-storm-force winds extend outward up to 175 miles (280 km). The estimated minimum central pressure based on Air Force Reserve reconnaissance data is 982 mb (29.00 inches).

Estimated Wind Impacts

Tropical Cyclone Positions
- Hurricane/Typhoon >150 mph
- Hurricane/Typhoon > 74 mph
- Tropical Storm: 39-73 mph
- Tropical Depression: <39 mph

Est Wind Impacts (TAOS)
- Small Trees Sway
- Large Trees Sway
- Branches Breaking
- Trees Down; some power loss
- Minor Damage; power out
- Moderate Damage 5% of value
- Widespread Damage
- Severe Damage
- Catastrophic Damage

Estimated Still Water Storm Surge

Estimated Tropical Cyclone Rainfall

Pacific Disaster Center | 10/8/2018 | http://www.pdc.org | response@pdc.org | Data: NOAA, TAOS
Estimated Wind Impacts forecasted by Kinetic Analysis Corporation, ESRI

The delineation of political boundaries, and associated data shown here do not imply endorsement by the Pacific Disaster Center.