### Forecast Positions and Max Winds

<table>
<thead>
<tr>
<th>Storm Center Local Time/Date</th>
<th>UTC Time</th>
<th>Position</th>
<th>Sustained Winds</th>
<th>Saffir-Simpson Scale</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mon Oct 8 1600 CDT</td>
<td>2100 UTC</td>
<td>22.2N 85.2W</td>
<td>70 KT</td>
<td>80 MPH</td>
</tr>
<tr>
<td>Tue Oct 9 0100 CDT</td>
<td>0600 UTC</td>
<td>23.7N 85.7W</td>
<td>80 KT</td>
<td>90 MPH</td>
</tr>
<tr>
<td>Tue Oct 9 1300 CDT</td>
<td>1800 UTC</td>
<td>25.8N 86.7W</td>
<td>95 KT</td>
<td>110 MPH</td>
</tr>
<tr>
<td>Wed Oct 10 0100 CDT</td>
<td>0600 UTC</td>
<td>27.9N 87.0W</td>
<td>105 KT</td>
<td>120 MPH</td>
</tr>
<tr>
<td>Wed Oct 10 1300 CDT</td>
<td>1800 UTC</td>
<td>29.6N 86.3W</td>
<td>110 KT</td>
<td>125 MPH</td>
</tr>
<tr>
<td>Thu Oct 11 1300 CDT</td>
<td>1800 UTC</td>
<td>33.5N 81.4W</td>
<td>40 KT</td>
<td>45 MPH</td>
</tr>
<tr>
<td>Fri Oct 12 1300 CDT</td>
<td>1800 UTC</td>
<td>38.6N 70.2W</td>
<td>50 KT</td>
<td>60 MPH</td>
</tr>
<tr>
<td>Sat Oct 13 1300 CDT</td>
<td>1800 UTC</td>
<td>44.2N 53.0W</td>
<td>55 KT</td>
<td>65 MPH</td>
</tr>
</tbody>
</table>

### Track Forecast Confidence: Average
- Average

### Intensity Forecast Confidence: Below Average
- Below Average

**Current Movement**
- N at 8 Knots

**Sustained Winds/Gusts**
- 70 knots / 85 knots

**34 kt Wind Radii**
- 120 NE
- 150 SE
- 80 SW
- 90 NW

**50 kt Wind Radii**
- 60 NE
- 50 SE
- 20 SW
- 50 NW

**64 kt Wind Radii**
- 30 NE
- 0 SE
- 0W
- 25 NW

**Forecast Trend**
- Michael is forecast to become a major hurricane on Tuesday. Landfall is currently forecast for late Wednesday.

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**Hurricane Michael Advisory #14**

**Effective: October 8, 2018 1600 CDT**

**Storm Center**
- 22.2N 85.2W (about 455 nm S of Apalachicola, Florida)

**Current Movement**
- N at 8 Knots

**Sustained Winds/Gusts**
- 70 knots / 85 knots

**34 kt Wind Radii**
- 120 NE
- 150 SE
- 80 SW
- 90 NW

**50 kt Wind Radii**
- 60 NE
- 50 SE
- 20 SW
- 50 NW

**64 kt Wind Radii**
- 30 NE
- 0 SE
- 0W
- 25 NW

**Forecast Trend**
- Michael is forecast to become a major hurricane on Tuesday. Landfall is currently forecast for late Wednesday.

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**Prepared by WeatherOps Forecaster: THARP | 405.801.3919 | WeatherOps.com**
Observational Perspective: Michael continues to become better organized while tracking northward. Environmental conditions remain favorable for continued intensification.

Intensity Forecast: Michael will continue to intensify through Wednesday due to the combination of above average SST's and modest wind shear. Current indications are that Michael is likely to become a major hurricane late Tuesday into Wednesday as it continues northward. Landfall is currently forecast to occur Wednesday afternoon or evening.

Track Forecast: Michael will continue on a northerly path toward the Florida panhandle through the next 48 hours. Guidance is in general agreement in depicting a landfall between Pensacola, FL, and Florida’s big bend. This forecast update reflects a blend of the ECMWF and GFS solutions for the track over the Gulf of Mexico. The difference between those models’ forecasts has decreased through the next 48 hours. It should be noted that the ECMWF forecast remains a bit farther to the west and would result in higher conditions extending slightly farther west than currently forecast should it verify. The timing of landfall remains somewhat uncertain but the difference between the ECMWF and GFS has decreased through Wednesday. Greater uncertainty still exists in the timing of the track along the US East Coast.

Marine Weather Impacts
Tropical storm force winds will expand outward to within 150+ nm over the eastern half of the circulation and out to 120 nm over the western half of the circulation through midweek. Hurricane force winds will expand outward to within 40 nm of the center over the next 12 hours.

Seas will continue to build across the Gulf of Mexico through Wednesday and Thursday. By Wednesday seas over the western GOM are projected to reach 7 to 10 ft. with the central GOM experiencing 14 to 20 feet, and 20 to 40+ feet for the eastern GOM.

Onshore Impacts
Tropical storm force winds are likely to reach portions of the US Gulf Coast from southern Alabama eastward through much of northwestern Florida during the early morning hours Wednesday. Conditions are likely to deteriorate in that area throughout the day with a narrow area of hurricane force winds coming onshore near the center Wednesday afternoon. Extreme life-threatening coastal storm surge, severe winds, widespread power outages, and rain amounts in excess of 5-10 inches are likely. The highest storms surge values will be near, and immediately east of where the center makes landfall. Beyond the Gulf Coast, interests from southern Georgia northeastward through the Carolinas and US Mid-Atlantic coast should closely follow the progress of Michael.

WeatherOps next advisory will be issued at 1900 CDT
Hurricane Michael Advisory #14

Effective: October 8, 2018 1600 CDT

WeatherOps Precipitation Forecast, Mon 8 October – Mon 15 October

WeatherOps Winds and Combined Seas, 1200 UTC Wed 10 October

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