Hurricane Dorian

1) The greatest impacts are expected late Wednesday night into Friday for Coastal NC

2) Significant impacts are becoming more likely across portions of eastern North Carolina:
   - Life-threatening storm surge is possible late Wednesday night - Friday
   - Heavy rainfall amounts of 5-10”, with locally higher amounts up to 15”
   - Tropical storm force winds are likely across eastern NC

3) Lesser impacts are expected further inland
Hurricane Dorian

September 3, 2019 – 5AM

Location: Approx. 105 miles E of West Palm Beach, FL
Max Sustained Winds: 120 MPH
Movement: Stationary
Min Central Pressure: 28.06” (950 mb)

Significant impacts from life-threatening storm surge, heavy rain, and strong winds are becoming more likely across eastern NC late Wednesday night - Friday.

Now is the time to make final emergency preparations before the storm’s onset.
The potential for tropical storm force winds is increasing across eastern NC, especially coastal areas. The most likely arrival of tropical storm force winds is late Wednesday night through Thursday.
The potential for hurricane force winds is slightly increasing for areas along the immediate coast. The placement and potential for hurricane force winds is highly dependent on the track of Dorian.
Tropical storm force (blue) wind speed extent at 7AM Thursday based on the current forecast.

This graphic shows the areas potentially being affected by sustained tropical force (blue/yellow) and hurricane force (red) winds.
Tropical storm force (blue) wind speed extent at 1PM Thursday based on the current forecast.

This graphic shows the areas potentially being affected by sustained tropical force (blue/yellow) and hurricane force (red) winds.
Tropical storm force (blue) wind speed extent at 6PM Thursday based on the current forecast.

This graphic shows the areas potentially being affected by sustained tropical force (blue/yellow) and hurricane force (red) winds.
The most likely arrival time of tropical storm force winds is late Wednesday night and through the day Thursday. However, tropical storm force winds could begin as early as Wednesday PM across southeastern NC.
Rainfall amounts shown are averages. Locally higher amounts are possible. Higher rainfall amounts will likely result in flash flooding and possible river flooding. The heaviest rain is expected late Wednesday night – early Friday.
The Threat of Flash Flooding Will Increase Wednesday Night:

- Heavy rain will move into southeastern NC Wednesday evening.
- The threat of flash flooding will expand on Thursday.
The Greatest Risk of Flash Flooding Will Be Thursday – Friday AM:

- Widespread 5-10”, with isolated amounts up to 15” closer to the coast
- Additional heavy rain is possible through midday Friday across NE NC
<table>
<thead>
<tr>
<th>HAZARD</th>
<th>DETAILS</th>
<th>IMPACTS</th>
<th>TIMING</th>
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</thead>
<tbody>
<tr>
<td>Storm Surge</td>
<td>Too early for specific details</td>
<td>Life-threatening storm surge inundation will be possible along the coast, sounds, and adjacent rivers.</td>
<td>Wed Night - Friday</td>
</tr>
<tr>
<td>Inland Flooding</td>
<td>5-10” near the coast (isolated 15”) 2-6” east of I-95 &lt;3” across central NC</td>
<td>Rainfall may cause life-threatening flash flooding. Greatest threat east of I-95.</td>
<td>Wed Night – Friday</td>
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<tr>
<td>Damaging Winds</td>
<td>Tropical storm force winds possible; lower chance of hurricane force winds - highest potential near the coast</td>
<td>Downed trees, widespread power outages, structure damage. Tropical storm force winds will most likely begin late Wed night across SE NC.</td>
<td>TS Force Winds: Late Wed Night – Friday</td>
</tr>
<tr>
<td>Tornadoes</td>
<td>Isolated tornadoes are possible across far eastern NC Wed night – Thu night.</td>
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<td>Wed Night – Thu Night</td>
</tr>
<tr>
<td>Marine &amp; Coastal</td>
<td>Rip currents, dangerous surf, and beach erosion likely</td>
<td></td>
<td>Monday – Friday</td>
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</tbody>
</table>

**Threat Levels:** None Low Moderate High Extreme