## HAZARDS SUMMARY: DORIAN
September 4, 2019 – 5PM

<table>
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<tr>
<th>HAZARD</th>
<th>DETAILS</th>
<th>IMPACTS</th>
<th>TIMING</th>
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<tr>
<td>Storm Surge</td>
<td>4-7’ south of Cape Lookout 4-6’ Cape Lookout to Duck</td>
<td>Life-threatening storm surge inundation will be possible along the coast, sounds, and adjacent rivers.</td>
<td>Wed Night – Friday <em>High tide Thu PM, Fri AM, Fri PM</em></td>
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<td></td>
<td>(including Pamlico/Albemarle Sounds &amp; Neuse/Pamlico Rivers) 2-4’ north of Duck</td>
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<tr>
<td>Inland Flooding</td>
<td>6-10” in Eastern NC (isolated 15”) 3-6” S and E of Triangle 1-3” across central NC</td>
<td>Rainfall may cause life-threatening flash flooding and some river flooding. Greatest threat east of I-95.</td>
<td>Wed Night – Friday</td>
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<td>Damaging Winds</td>
<td>Coast: 60-90, gusts 75-110 mph Inland E NC: 30-60, gusts 45-75 mph Central NC: 20-30, Gusts 30-45 mph (strongest east of US-1)</td>
<td>Downed trees, widespread power outages, structure damage. Tropical storm force winds will most likely begin early Thu AM across SE NC.</td>
<td>TS Force Winds: Early Thursday AM – Friday</td>
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<td>Tornadoes</td>
<td>Isolated tornadoes are possible across eastern NC Wed night – Thu night, with the greatest threat near the coast.</td>
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<td>Wed Night – Thu Night</td>
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<td>Marine &amp; Coastal</td>
<td>Rip currents &amp; dangerous surf. Severe beach erosion with significant dune loss. Ocean overwash will make roads impassable especially at periods of high tide.</td>
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<td>Through Friday</td>
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Hurricane Dorian
September 4, 2019 – 5PM

Significant impacts from life-threatening storm surge, heavy rain, and strong winds are expected early Thursday through Friday.

Hurricane Dorian [5PM WED]
Location: Approx. 275 miles SSW of Wilmington, NC
Max Sustained Winds: 110 MPH
Movement: NNW at 8 MPH
Min Central Pressure: 28.38" (961 mb)

The NHC Track Forecast Cone is NOT an Impact Cone. Impacts will be felt far from the center of the storm.
Storm Surge Warning:
Means there is a danger of life-threatening inundation from rising water moving from the coastline, during the next 36 hours in the indicated locations.
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. A Flash Flood Watch has been issued for areas along and east of US-1.
High Risk Days are Rare, Dangerous, Significant, and Impactful

Tonight

Thursday

Friday
This graphic shows the areas potentially being affected by sustained tropical force (blue/yellow) and hurricane force (red) winds.
Sustained tropical storm force winds are likely east of I-95 with hurricane force winds expected along the immediate coast.
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CURRENT WARNINGS
September 4, 2019 – 5PM

Tropical Storm Warning

Hurricane Warning