HURRICANE DORIAN
September 5, 2019 – 8AM

Location: Approx. 170 miles SSW of Wilmington, NC
Max Sustained Winds: 115 MPH
Movement: NNE at 8 MPH
Min Central Pressure: 28.32” (959 mb)

Significant impacts from life-threatening storm surge, heavy rain, and strong winds will continue through Friday.

Hurricane Dorian [8AM THU]
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The NHC Track Forecast Cone is NOT an Impact Cone. Impacts will be felt far from the center of the storm.
<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>4-7' south of Cape Lookout 4-6' Cape Lookout to Duck (including Pamlico/Albemarle Sounds &amp; Neuse/Pamlico Rivers) 2-4' north of Duck</td>
<td>Life-threatening storm surge inundation will be possible along the coast, sounds, and adjacent rivers.</td>
<td>Through Friday <em>High tide Thu PM, Fri AM, Fri PM</em></td>
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<tr>
<td>Inland Flooding</td>
<td>6-12” 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>Through Friday</td>
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<tr>
<td>Damaging Winds</td>
<td>Coast: 60-100, gusts 75-125 mph Inland E NC: 35-65, gusts 45-75 mph Central NC: 20-35, gusts 30-45 mph (strongest east of US-1)</td>
<td>Downed trees, widespread power outages, structure damage. Tropical storm force winds are expected to continue through the day Friday.</td>
<td>TS Force: Through Friday Hurricane Force: Thu PM – Midday Fri</td>
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<tr>
<td>Tornadoes</td>
<td>Isolated tornadoes are possible across eastern NC through Thu night, with the greatest threat near the coast. A Tornado Watch has been issued for portions of central and eastern NC.</td>
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<td>Through Thu Night</td>
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<tr>
<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>
<td></td>
<td>Through Friday</td>
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</tbody>
</table>

Threat Levels: None Low Moderate High Extreme
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.

Understanding Storm Surge Flooding
Storm surge is destructive, life-threatening coastal flooding. It accounts for about half of the deaths associated with tropical cyclones in the United States. To help you determine the best way to prepare, NOAA coastal flooding forecasts are expressed as feet of water above ground level.
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 through midday 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

Thursday – Thursday Night

Friday
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 WATCHES/WARNINGS
September 5, 2019 – 8:30AM
DORIAN FLOODING SAFETY

FLASH FLOOD SAFETY TIPS

• Move to higher ground when –
  • A Flash Flood Warning is issued
  • Any possibility of a flash flood exists
  • Do not wait for instructions!

• Do not walk through moving water

• Do not drive into flooded areas

• Do not ignore traffic barricades that close off flooded roadways

• Do not camp or park along streams, rivers, or creeks
Receiving Severe Weather Alerts

- **NOAA Weather Radio (NWR):**
  - Broadcasts continuous weather information
  - Audible alert when watches/warnings are issued
  - Purchased at electronic and large retail stores for <$40

- **Wireless Emergency Alerts (WEA):**
  - Alerts via cell phone or mobile device
  - No need to download an app or subscribe to a service
  - Alerts look like text message
  - Free service!

- **Cell Phone Apps:**
  - Many to choose from that provide real-time NWS alerts
  - Some are free, while others charge a small fee

- **Emergency Alert System (EAS) + Radio/TV:**
  - Warnings via broadcast, cable, satellite, and wireline services
  - Tune to your local TV, radio station, or web site for details!