Spring Coastal Storm

Decision Support Briefing # 1
As of: 5:00 PM Tuesday March 31, 2020

Briefing applies to the
Morehead City/Newport, NC
Area Only

What Has Changed?
• First Briefing
# Morehead City, NC Weather Forecast Office

## Main Points

<table>
<thead>
<tr>
<th>Hazard</th>
<th>Impacts</th>
<th>Location</th>
<th>Timing</th>
</tr>
</thead>
<tbody>
<tr>
<td>Marine</td>
<td>Gale-force winds with occasional Storm-force gusts and dangerous seas.</td>
<td>All coastal waters, and sounds.</td>
<td>Tonight through Wednesday</td>
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<tr>
<td>Wind</td>
<td>Scattered power outages possible coastal areas. Isolated outages inland.</td>
<td>Strongest near the coast.</td>
<td>Tonight through Wednesday</td>
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<tr>
<td>Coastal Flooding</td>
<td>Minor inundation threat, 1 to 2 feet above ground (locally higher amounts possible).</td>
<td>Ocean-side areas north of Cape Hatteras.</td>
<td>Tonight through Wednesday</td>
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<td></td>
<td>High surf, beach erosion and ocean over wash.</td>
<td>Sound-side areas adjacent to the Southern Pamlico Sound and Neuse River.</td>
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<tr>
<td>Flooding/Rain</td>
<td>Locally heavy rain, minor flooding in low-lying areas.</td>
<td>Coastal Areas</td>
<td>Tonight through Wednesday</td>
</tr>
</tbody>
</table>
### Summary of Greatest Impacts

#### Marine: All Marine Areas
- None
- Limited
- Elevated
- Significant
- Extreme

#### Wind: Coastal Eastern NC
- None
- Limited
- Elevated
- Significant
- Extreme

#### Coastal Flooding
- None
- Limited
- Elevated
- Significant
- Extreme

#### Flooding/Rain: Eastern NC
- None
- Limited
- Elevated
- Significant
- Extreme

#### Wind: Inland Eastern NC
- None
- Limited
- Elevated
- Significant
- Extreme
Peak Wind Gust
Tonight through Wednesday

Weather Forecast Office
Newport/Morehead City, NC
Issued Mar 31, 2020 3:52 PM EDT
Wind Hazards
Tonight through Wednesday

Weather Forecast Office
Newport/Morehead City, NC
Issued Mar 31, 2020 4:20 PM EDT
Marine Hazards
Tonight through Wednesday

Issued Mar 31, 2020 4:12 PM EDT

Weather Forecast Office
Newport/Morehead City, NC

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Presentation Created 3/31/2020 5:28 PM
Minor Coastal Flooding Likely Tonight & Wednesday

Coastal Flooding Likely in Highlighted Areas

Ocean side north of Cape Hatteras

Sound-side Locations
Storm Total Rainfall
through Wednesday

Weather Forecast Office
Newport/Morehead City, NC
Issued Mar 31, 2020 4:01 PM EDT
✓ Confidence is **HIGH** that low pressure will track near the coast tonight bringing strong winds, dangerous marine conditions, minor coastal flooding, and periods of heavy rain. The greatest impacts will occur along the coast.

    Period of greatest impact: Tonight through Wednesday.

**Dangerous seas, gale-force winds with occasional storm-force gusts expected** coastal waters and sounds.

**Wind gusts up to 50 to 60 mph** will be possible across the Outer Banks and Down East Carteret County and 30 to 40 mph inland.

**Coastal Flooding:** **1 to 2 feet above ground** is expected ocean-side north of Cape Hatteras, and sound-side areas adjacent to the southern Pamlico Sound and Neuse River.
This will be our final briefing, unless there are major changes.

Briefing Webpage

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