Potential Severe Weather and Minor Flood Event

Decision Support Briefing # 2

As of: 5 am Thursday, April 30th

What Has Changed?
✓ No major changes

Potential Severe Weather and Minor Flood Event

Decision Support Briefing # 2

As of: 5 am Thursday, April 30th

What Has Changed?
✓ No major changes
# Main Points

<table>
<thead>
<tr>
<th>Hazard</th>
<th>Impacts</th>
<th>Location</th>
<th>Timing</th>
</tr>
</thead>
<tbody>
<tr>
<td>Damaging Thunderstorm Wind</td>
<td>Localized downed trees and powerlines, and isolated structural damage associated with the strongest storms.</td>
<td>All of eastern North Carolina.</td>
<td>This morning and afternoon.</td>
</tr>
<tr>
<td>Gusts</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Tornadoes</td>
<td>Localized areas of enhanced damage to structures and infrastructure.</td>
<td>All of eastern North Carolina.</td>
<td>This morning and afternoon.</td>
</tr>
<tr>
<td>Strong Sustained Winds</td>
<td>Strong southerly winds could lead to minor wind damage and power outages along the coast.</td>
<td>Coastal North Carolina from Eastern Carteret County to the Outer Banks.</td>
<td>Through early evening.</td>
</tr>
<tr>
<td>Coastal Flooding/High Surf</td>
<td>Minor beach erosion and dangerous surf conditions at the beaches. Minor inundation of very low lying areas.</td>
<td>Area beaches and soundside for areas vulnerable to Southeast to South wind exposure.</td>
<td>Through early evening.</td>
</tr>
<tr>
<td>Marine</td>
<td>Very strong winds and dangerous seas. Conditions will be hazardous to all mariners.</td>
<td>All marine areas around eastern North Carolina.</td>
<td>Through tonight.</td>
</tr>
</tbody>
</table>
### Summary of Greatest Impacts

**Damaging Thunderstorm Wind Gusts: All of Eastern NC**
- None
- Limited
- Elevated
- Significant
- Extreme

**Tornadoes: All of Eastern NC**
- None
- Limited
- Elevated
- Significant
- Extreme

**Strong Sustained Winds: Coastal NC**
- None
- Limited
- Elevated
- Significant
- Extreme

**Coastal Flooding: Coastal NC**
- None
- Limited
- Elevated
- Significant
- Extreme

**Marine: All Marine Areas**
- None
- Limited
- Elevated
- Significant
- Extreme
Timing:
- This morning through afternoon

Impacts:
- Strong, damaging winds in thunderstorms could lead to structural damage, trees down/uprooted, and power outages.
- Isolated Tornadoes possible, resulting in areas of enhanced damage.
Wind Advisory issued from Down east Carteret County to the Outer Banks. Gale Warnings issued for all area coastal waters and Sounds.
Minor Coastal Flooding Possible

Today

Weather Forecast Office
Newport/Morehead City, NC
Issued Apr 30, 2020 3:21 AM EDT

Follow us
@NWSMoreheadCity

http://www.weather.gov/mhx/

presentation Created
4/30/2020 5:31 AM
High threat of Rip Currents, Dangerous Surf, and Beach Erosion all beaches.
Storm Total Rainfall

Today

Weather Forecast Office
Newport/Morehead City, NC
Issued Apr 30, 2020 2:49 AM EDT

Storm Total Precipitation (in)

Storm Total Rainfall

Morehead City, NC

Follow us

http://www.weather.gov/mhx/

Presentation Created
4/30/2020 5:31 AM
Event Summary

Severe Weather and Minor Flooding Possible this morning and afternoon

- Strong thunderstorms may bring damaging wind gusts and a brief tornado. Torrential downpours will result in minor flooding of lying areas.
- Strong Southerly winds will occur along the coast into this evening.

Strong, damaging winds in thunderstorms could lead to structural damage, trees down/uprooted, and power outages.

Isolated tornadoes possible, resulting in areas of enhanced damage.

Dangerous surf conditions and beach erosion possible all beaches. Minor coastal flooding possible soundside OBX from north of Buxton to Roanoke Island, as well as northwest portions of the Pamlico Sound.
Next Briefing

**When:** This Will Be The Last Briefing on This Event.

**Briefing Webpage**

**Contact and Next Briefing Information**

- **Web:** [weather.gov/moreheadcity/](http://weather.gov/moreheadcity/)
- **Phone (public):** (252) 223-5737 ext. 6
- **E-mail:** wxobs.mhx@noaa.gov
- **Facebook:** NWS Newport/Morehead City
- **Twitter:** @NWSMoreheadCity
- **YouTube:** NWSMoreheadCity

**Disclaimer:** The information contained within this briefing is time-sensitive, do not use after 6 pm April 30th