Accumulating Snow Expected Across Parts of Central North Carolina Thursday Afternoon and Night

As of: 3:30 PM
Wednesday, February 19, 2020

What Has Changed?
• Winter Weather Advisory is now in effect for much of central NC.

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## Main Points

<table>
<thead>
<tr>
<th>Hazard</th>
<th>Impacts</th>
<th>Location</th>
<th>Timing</th>
</tr>
</thead>
<tbody>
<tr>
<td>Snow</td>
<td>The heaviest snow is expected along and north of the Hwy 64 corridor mainly from the Triangle region eastward, where 2-3 inches of snow is expected. Localized higher amounts are possible. South of Hwy 64, given a delayed change-over to snow, accumulations of an inch or less are expected.</td>
<td>Central North Carolina</td>
<td>Thursday afternoon through Thursday night</td>
</tr>
<tr>
<td>Hazardous Travel</td>
<td>Roads may become slick, especially overpasses and secondary roads.</td>
<td>Possibly all of central NC, but especially along and north of the Hwy 64 corridor</td>
<td>Thursday afternoon, Thursday night into Friday morning.</td>
</tr>
<tr>
<td>Wind</td>
<td>Sustained winds 10-15 mph with gusts up to 30 mph.</td>
<td>All of Central NC</td>
<td>Late Thursday afternoon through Thursday night</td>
</tr>
</tbody>
</table>
Summary of Greatest Impacts

**Snow: Central NC**
- None
- Limited
- Elevated
- Significant
- Extreme

**Snow Amounts: 1” – 3” N Piedmont/Coastal Plain**
- None
- Limited
- Elevated
- Significant
- Extreme

**Travel Hazards: Along and north of the Hwy 64**
- None
- Limited
- Elevated
- Significant
- Extreme

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Radar and Precipitation Type Timing Simulations

8 AM Thursday
- Light Rain
- Light Rain
- Light Rain

10 AM Thursday
- Light Rain
- Light Rain
- Light Rain

Noon Thursday
- Rain changing to snow along/north I-85

2 PM Thursday
- Snow
- Wintry Mix
- Rain

6 PM Thursday
- Snow
- Snow
- Wintry Mix

11 PM Thursday
- Light snow ending
- Light snow
- Light snow
Range of Possible Snow Accumulations

Low End Amount

Expected Snowfall

High End Amount

The low end amount shows the least amount of snow that is possible. Zeros indicate that a large number of forecast models still suggest that NO snow will accumulate.

The expected amount shows the most likely snow amounts given the wide range of model solutions that are available.

The high end amount shows the reasonable worst-case scenario. That is, the snow amount we would get if the worst-case model solutions verify.

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Locally higher amounts possible somewhere in this hatched area.
Expected Timeline of Weather and Impacts for Central North Carolina
Updated 3:30 PM
Wednesday, February 19, 2020

<table>
<thead>
<tr>
<th>Time</th>
<th>Weather Conditions</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Today</strong></td>
<td>Rain showers ending, but persistent cloud cover and wet roads remaining.</td>
</tr>
<tr>
<td><strong>Tonight:</strong></td>
<td>Mostly cloudy, but no weather hazards or impacts expected.</td>
</tr>
<tr>
<td><strong>Thursday Morning:</strong></td>
<td>Rain will move in from SW to NE, and change to snow along and north of I-85 by 10 AM.</td>
</tr>
<tr>
<td><strong>Thursday Afternoon:</strong></td>
<td>Rain/Snow/Wintry Mix line continuing to shift south.  Snow will begin accumulating north of the Hwy 64 corridor, with deteriorating road conditions.</td>
</tr>
<tr>
<td><strong>Thursday Evening &amp; Night:</strong></td>
<td>Snow, possibly moderate to heavy at times. Hazardous travel conditions across nearly all of central NC, with the exception perhaps being along the SC border, where the change to snow will occur late.</td>
</tr>
<tr>
<td><strong>Friday</strong></td>
<td>Lingering travel impacts possible Friday morning where the greatest snow accumulations occur. Otherwise, sunny with temps climbing above freezing by 10 AM. High temps around 40 (cooler where snow accumulates).</td>
</tr>
<tr>
<td><strong>This Weekend</strong></td>
<td>Rapidly improving conditions and quick snow melt with temps rising into the 50s both days under mostly sunny skies.</td>
</tr>
</tbody>
</table>
Accumulating Snow Expected Across Parts of Central North Carolina Thursday Afternoon and Night

• **Medium confidence** that this event will occur; and **LOW confidence** on expected snow amounts and impacts.
• Rain will spread across central NC from SW to NE during the morning Thursday. The rain will change to snow along and north of the I-85 corridor by Noon.
• During the afternoon Thursday, the transition to snow or wintry mix will continue to move south, while snow will begin accumulating north of the Hwy 64 corridor, with deteriorating road conditions.
• Thursday evening, snow will fall across most if not all of central NC, with hazardous travel conditions possible across nearly all of central NC, with the exception perhaps being along the SC border, where the change to snow will occur late.
• Lingering travel impacts are possible Friday morning where the greatest snow accumulations occur.
• Storm Total Snow Accumulation: The heaviest snow is expected along and north of the Hwy 64 corridor mainly from the Triangle region eastward, where 2-3 inches of snow is expected. Localized higher amounts are possible. South of Hwy 64, given a delayed change-over to snow, accumulations of an inch or less are expected.
• Below Freezing temperatures Thursday night will rise above freezing by 10 AM Friday, then fall back below freezing by 8 PM Friday. Low temps Friday night in the mid 20s...colder where there is snow on the ground.
• Sustained winds 10-15 mph with gusts up to 30 mph expected Thursday through Thursday night. At this time we do not expect a problem with power outages.

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Contact and Next Briefing Information

Next Briefing
When: By 6 PM on 2/19/2020
Method: E-mail

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http://www.weather.gov/media/rah/briefing/NWSRaleighLatestBriefing.pdf

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