Freezing Rain Event is Expected Wednesday Night through Thursday Evening for parts of the Northern Piedmont of Central NC

As of 5:45 AM Tuesday, February 16, 2021

What Has Changed?
✓ Initial briefing

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<table>
<thead>
<tr>
<th>Hazard</th>
<th>Impacts</th>
<th>Location</th>
<th>Timing</th>
</tr>
</thead>
<tbody>
<tr>
<td>Freezing Rain (Ice)</td>
<td>Freezing rain, with ice accumulations around a quarter inch</td>
<td>Forsyth, Guilford, and Person Counties, especially north of I-85</td>
<td>Midnight Thursday through Midnight Friday</td>
</tr>
<tr>
<td>Freezing Rain (Ice)</td>
<td>Freezing rain, with ice accumulations up to a tenth of an inch</td>
<td>Northern Piedmont, between I-85 and US-64</td>
<td>Midnight Thursday through Midnight Friday</td>
</tr>
<tr>
<td>Hazardous Travel</td>
<td>Ice from freezing rain could result in slick/icy spots</td>
<td>Northern Piedmont, primarily north of US-64, but especially Forsyth, Guilford, and Person Counties</td>
<td>Midnight Thursday through Midnight Friday</td>
</tr>
</tbody>
</table>

Precipitation will fall as rain and freezing rain – no snow or sleet is expected. Rates are likely to be heavier at the start of the event Wednesday night, become somewhat lighter Thursday morning, then re-intensify Thursday afternoon before ending Thursday night.
Summary of Greatest Impacts

Freezing Rain: Forsyth, Guilford, and Person Counties
- None
- Limited
- Elevated
- Significant
- Extreme

Freezing Rain: Between US 64 and I-85
- None
- Limited
- Elevated
- Significant
- Extreme

Travel Hazards: Northern Piedmont
- None
- Limited
- Elevated
- Significant
- Extreme

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Rain approaches from the southwest.

Freezing rain near and north of I-85, rain to the south.

Light freezing rain.

All precipitation changes over to rain.

Reflectivity and precip type simulations. These simulations are meant to provide estimates of timing, and are subject to large errors. Use with caution!

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Ice Accumulation Forecast
Wednesday night into Thursday morning.

- The highest amounts of freezing rain are expected in Forsyth, Guilford, and Person Counties.
- Lesser totals are expected south of I-85.
- Impacts: Power outages and hazardous road conditions will be possible through this time period.
Winter Storm Watch Issued

- A Winter Storm Watch is in effect for Forsyth, Guilford, and Person counties from midnight Thursday to midnight Friday.
- Additional watches, warnings, and advisories will likely be needed for more counties as confidence in the storm increases.
Freezing Rain Event is Expected Wednesday Night through Thursday Evening for parts of the Northern Piedmont of Central NC

✓ Confidence is MODERATE that this event will occur and MODERATE on expected impacts.

✓ Freezing rain expected Wednesday Night into Thursday Evening
✓ Highest totals are expected in Forsyth, Guilford, and Person Counties
✓ Lesser totals are expected south of I-85.
✓ Impacts: Power outages and hazardous road conditions will be possible through this time period.
Contact and Next Briefing Information

Next Email Briefing
When: By 6 PM on 2/16/2021
Method: E-mail

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

Web: http://weather.gov/rah
Facebook: NWSRaleigh
Phone (public): (919) 326-1052
Twitter: @NWSRaleigh
E-mail: rah.reports@noaa.gov
YouTube: NWSRaleigh

Disclaimer: The information contained within this briefing is time-sensitive. Do not use after 6 PM, Tuesday, 2/16/2021

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Understanding Winter Weather

What is FREEZING RAIN?

Freezing rain is liquid precipitation that freezes on contact with cold surfaces as it enters a shallow layer of temperatures at or below 32°F near the surface. This creates a dangerous coating of ice on roads, walkways, trees and power lines.

1. Ice accumulation increases the weight of a span of powerlines by up to 500 pounds!
2. Patches of ice on roads and highways make traveling extremely dangerous.
3. Ice accumulation increases the weight of a tree branch by 36 times!

For more information on winter weather safety, visit: weather.gov/winter

5 Things to Know about Winter Weather Forecasts

1. Snow or ice totals can vary greatly over short distances. A heavy snow band may form, dropping more snow in one location while significantly less snow falls just a few miles away.

2. Winter forecasts can change frequently. Forecasts may change as new model data becomes available. Always check weather.gov for the latest information.

3. Focus more on the winter storm's impacts. Don't focus too much on exact numbers, and consider the full range of possibilities.

4. Know your winter weather terminology. If a Watch is issued, get prepared for hazardous weather. If a Warning or Advisory is issued, take action - hazardous weather is occurring or will occur soon.

5. Rely on a dependable source for weather info. Choose your information sources wisely, and follow a name or organization you know and trust.

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