

Strong Cold Front – Jan 9th-10th, 2024



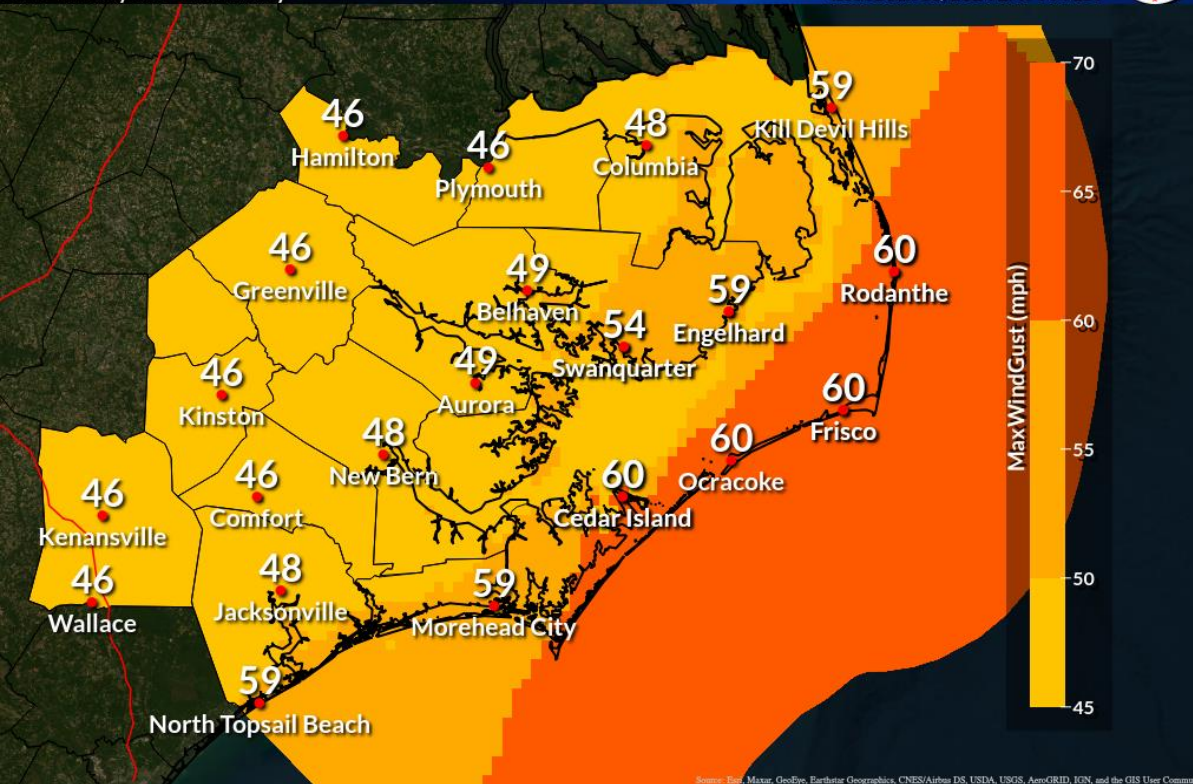
OVERVIEW

An unusually strong cold front will impact the Eastern US Tuesday and Wednesday, bringing the potential for several significant impacts to Eastern NC.

Max Wind Gusts

Late Tuesday into Wednesday

Weather Forecast Office
Newport/Morehead City, NC
Issued Jan 06, 2024 2:49 PM EST



Source: Esri, Maxar, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

<p>TIMING</p>	<p>Tuesday into Wednesday</p>
<p>HAZARDS & IMPACTS</p>	<p>Strong winds – Wind gusts 45-60 mph possible (strongest along the coast)</p> <p>Coastal Impacts – Powerful southerly swell, strong winds, and elevated water levels could produce moderate to locally significant ocean overwash and minor to moderate coastal flooding.</p> <ul style="list-style-type: none"> • Oceanside – areas Duck to North Topsail Beach • Soundside – soundside Outer Banks, and areas adjacent to the western Pamlico Sound including: Pamlico, Pungo, Neuse, Bay Rivers. <p>Strong Storms / Flooding – Strong to severe thunderstorms and flooding possible (Tuesday afternoon into Wednesday morning)</p>
<p>FORECAST CHALLENGES</p>	<p>The exact strength of the winds ahead of the front will largely determine the extent of coastal impacts</p> <p>How much instability (“fuel” for thunderstorms) develops will help dictate the extent of the severe weather risk</p>
<p>ADDITIONAL INFORMATION</p>	<p>Please continue to actively monitor forecast updates over the coming days, especially with the potential for significant impacts in some areas</p>
<p>NEXT BRIEFING</p>	<p>Will be issued Sunday, January 7th</p>