

# Strong Cold Front – Jan 12<sup>th</sup>-13<sup>th</sup>, 2024



## OVERVIEW

A strong cold front will impact the Eastern US Friday evening into Saturday, bringing the potential for severe weather, marine hazards, strong winds, and minor coastal flooding.

<p><b>TIMING</b></p>	<p>Conditions begin to deteriorate Friday evening, with severe weather possible between 6 PM and 2 AM. Strongest winds and minor coastal flooding risk will be overnight Friday.</p>
<p><b>HAZARDS &amp; IMPACTS</b></p>	<p><b>Strong Storms</b> – Strong to severe thunderstorms with <b>damaging winds and a few tornadoes</b> are possible ahead and along the cold front.</p> <p><b>Strong winds</b> – Non-thunderstorm wind gusts up to 50 mph possible, with the highest impact for coastal counties.</p> <p><b>Coastal Impacts</b> – Strong winds and elevated water levels could produce minor coastal flooding, especially along the immediate coast south of Cape Hatteras, and along the north and west shores of the Pamlico Sound and nearby tributaries.</p> <p><b>Marine Impacts</b> – Gale force wind gusts for coastal waters and inland sounds. 10-15 foot waves for coastal waters.</p>
<p><b>FORECAST CHALLENGES</b></p>	<p>How much instability (“fuel” for thunderstorms) develops will help dictate the extent of the severe weather risk.</p>
<p><b>ADDITIONAL INFORMATION</b></p>	<p>Please continue to actively monitor forecast updates and warnings throughout the next couple of days.</p>
<p><b>NEXT BRIEFING</b></p>	<p>Will be issued Thursday by 6PM.</p>

