



## ...Strong Storm System Will Impact the Area Tuesday into Tuesday Night...

### OVERVIEW:

A strong low pressure system is expected to develop across the Mississippi River Valley on Tuesday and track through the eastern Great Lakes. A strong cold front associated with the system will push through the Southeast U.S. Tuesday into Tuesday night. Ahead of the front, very gusty winds and dangerous marine conditions are expected to develop. Additionally, a line of strong thunderstorms could impact the region Tuesday afternoon into Tuesday evening.

<b>TIMING</b>	<ul style="list-style-type: none"> <li>▪ Severe Thunderstorms: Tuesday afternoon into Tuesday evening</li> <li>▪ Coastal Flooding: Tuesday morning high tide occurring around 6 AM.</li> <li>▪ Winds: Tuesday morning, persisting into Tuesday night for land and marine areas.</li> <li>▪ High Surf: Late Monday night into Wednesday morning</li> </ul>
<b>HAZARDS &amp; IMPACTS</b>	<ul style="list-style-type: none"> <li>▪ Severe Thunderstorms             <ul style="list-style-type: none"> <li>▪ Damaging Winds: Wind gusts in excess of 58 mph could damage trees and power lines and result in scattered power outages.</li> <li>▪ Tornadoes: Isolated tornadoes are possible</li> </ul> </li> <li>▪ Coastal Flooding             <ul style="list-style-type: none"> <li>▪ Minor to moderate saltwater flooding is possible with the Tuesday morning high tide, with some risk for major coastal flooding along the Charleston and Colleton county coasts.</li> </ul> </li> <li>▪ Winds             <ul style="list-style-type: none"> <li>▪ Land: Winds 25-35 mph with gusts of 40-50 mph are possible, highest at the coast. Strong winds could result in large limbs and/or trees blown down and a few power outages.</li> <li>▪ Marine: Winds 30-35 kt with gusts 40-45 kt across the coastal waters and Charleston Harbor. Some gusts near 50 kt possible in the nearshore waters from South Santee River to Edisto Beach out 20 nm and the Georgia offshore waters beyond 20 nm. Strong winds will cause hazardous marine conditions and dangerous seas as high as 10-15 feet are possible.</li> </ul> </li> <li>▪ High Surf             <ul style="list-style-type: none"> <li>▪ Large breaking waves of 5-7 feet are possible. This could result in localized beach erosion.</li> </ul> </li> </ul>
<b>ADDITIONAL INFORMATION</b>	<ul style="list-style-type: none"> <li>▪ <a href="#">SPC Outlook</a></li> <li>▪ Local Tide Forecasts: <a href="#">Charleston Harbor, SC</a>   <a href="#">Fort Pulaski, GA</a></li> <li>▪ <a href="#">WPC QPF</a>   <a href="#">WPC Excessive Rainfall Outlook</a></li> <li>▪ <a href="#">Graphical Hazardous Weather Outlook</a></li> </ul>
<b>NEXT BRIEFING</b>	<ul style="list-style-type: none"> <li>▪ One pager by 6 PM Sunday, January 7<sup>th</sup></li> </ul>