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Service Change Notice 25-26
National Weather Service Headquarters Silver Spring MD
920 AM EDT Wed Mar 12 2025

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From: Stephen Bieda III, Chief
 Severe, Fire, Public, and Winter Weather Services
Branch

Subject: Operational Implementation of the Addition of Most Probable Peak Intensity Tags to the Storm Prediction Center (SPC) Mesoscale Discussion on or about March 15, 2025

On or about March 15, 2025, the Storm Prediction Center (SPC) will operationally implement "Most Probable Peak Intensity" information for tornado intensity, hail size, and thunderstorm-related wind speeds to their Mesoscale Discussions (MCDs). SPC issues MCDs to convey to contiguous United States NWS Weather Forecast Offices, the operational weather enterprise, the public, media, emergency managers, and other specialized users, the location and current meteorological reasoning for short-term hazardous weather concerns associated with convective weather. The addition of "Most Probable Peak Intensity" information will quantify the expected magnitude of thunderstorm hazards, allowing for improved decision making by end users and enhancing the value of thunderstorm hazard intensity information.

A description of the proposed addition of probabilistic intensity information to the SPC MCD and product examples can be found at the following link:

https://nsdesk.servicenowservices.com/api/g_noa/nwspc/res2/e08f71884798ea90f6550c03e16d43c6

Comments may be sent to:

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National Service Change Notices are online at:

<https://www.weather.gov/notification/>

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