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PNSWSH

Service Change Notice 25-26 Updated
National Weather Service Headquarters Silver Spring MD
1135 AM EDT Thu Mar 20 2025

To: Subscribers:
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From: Stephen Bieda III, Ph.D., Chief
 Severe, Fire, Public, and Winter Weather Services
Branch

Subject: Updated: Operational Implementation of the Addition of
Most Probable Peak Intensity Tags to the Storm Prediction Center
(SPC) Mesoscale Discussion on or about March 25, 2025

Updated for revisions to the Product Description Document to
correct formatting in the Presentation Format and associated
example; due to the revisions, the proposed implementation date
has been delayed by ten days.

On or about March 25, 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/c00ab1d28754aa104b0fa8a60cbb35b5

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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