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From: Michelle Hawkins, Chief
 Severe, Fire, Public, and Winter Weather Services
 Branch

Subject: Expansion of offices and solicitation of comments for
 the experimental Enhanced Hazardous Weather Outlook
 through June 30, 2019

The experimental Enhanced Hazardous Weather Outlook (EWHO) will be provided from 53 NWS Weather Forecast Offices (WFO) across four NWS regions for public comment through June 30, 2019.

The EHWO provides weather hazard risk forecast information through a web-based display on a public-facing webpage. The information is generated by the participating WFOs. Specific weather forecast elements are placed in a matrix-style table with a daily clickable colored forecast button. Forecasts for most weather elements are available up to 7 days in the future. Each colored forecast button in the matrix displays the highest forecast risk associated with that specific forecast element.

Individual weather forecast elements (e.g., snow & sleet, fog) and weather-related threats (e.g., hail, thunderstorm wind gust, lightning) are displayed through five tiers of criteria-based risks. These levels are generally based on the watch, warning, advisory thresholds within the County Warning Area (CWA) of the specified WFO. Forecasts of these weather threats and elements are derived from the official forecast database as well as inputs from national centers, such as the Storm Prediction Center (SPC).

The forecast element matrix displays daily hazard risk forecasts for each weather element, with most elements out to 7 days. The matrix shows the highest risk level for each weather forecast element located across the CWA for the forecast day. Certain participating WFOs have customized forecast threats and elements available on their EHWO webpage, depending on their unique weather forecast service provision (e.g., marine/coastal forecast responsibility).

For this comment period, real-time access is available from

53 WFOs. A complete listing of the participating WFOs, including the unique web link for each WFO, is included in the Product Description Document (PDD). The PDD also outlines a number of other key elements of the product and is available online at:

https://nws.weather.gov/products/PDD/EHWO_PDD_2019.pdf

Comments may be submitted via the survey link below:

<https://www.surveymonkey.com/r/EHWO>

At the end of the comment period, if feedback is favorable, the product will be evaluated for national availability.

If you have questions about this product, please contact:

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National Service Change Notices are online at:

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

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