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PNSWSH

Service Change Notice 18-31 Updated  
National Weather Service Headquarters Silver Spring MD  
400 PM EDT Mon Apr 2 2018

To:           Subscribers:  
              -NOAA Weather Wire Service  
              -Emergency Managers Weather Information Network  
              -NOAAPort  
              Other NWS Partners, Users and Employees

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

Subject: Updated: Inclusion of Minor Additions to SPC Convective Outlook  
Text Products: Effective April 26, 2018

Updated to fix placement of link before Item 2 below and before contact information.

The Storm Prediction Center (SPC) will make minor changes to the Convective Outlook text products effective on or about April 26, 2018, at 1500 Coordinated Universal Time (UTC). The changes are listed below.

1. Inclusion of a Maximum Risk Hazard Table into the bottom of the text for the Day 2 Convective Outlooks.

The text product of the SPC Day 2 Convective Outlook will now include a text table indicating the Maximum Risk by Hazard (tornado, wind, hail). The graphical depiction of this product currently does not have separate forecasts for each of these hazards; however, these individual forecast probabilities are factored into the total severe probability for the Day 2 Convective Outlook, although they are not displayed.

The intent of this table is to provide users with more information about these convective hazard types (tornado, wind, hail) that are driving the risk categories within the Day 2 categorical outlook. The table will be placed at the bottom of the text narrative description and will show the maximum probability for each hazard, including significant severe, and the associated risk category for each hazard.

Example of the Maximum Risk Hazard Table (embedded with the Day 2 Outlook text product):

```
...MAXIMUM RISK BY HAZARD...  
Tornado: 10% SIG - Enhanced  
Wind:     45% SIG - Moderate  
Hail:     5%     - Marginal
```

The entire text product from this example and further explanation can be found in the link below:

[https://www.weather.gov/om/pns/max\\_risk\\_hazard.docx](https://www.weather.gov/om/pns/max_risk_hazard.docx)

## 2. Simplified Risk Headlines at the top of Day 1-3 Convective Outlooks

The SPC Convective Outlook headlines will be simplified by removing headlines for all severe risk categories below the greatest risk. Thus for severe risk areas with multiple concentric probability contours, only the greatest risk area is described in a headline. In cases when there are geographically separate and distinct severe risk areas, each will have a headline corresponding to the greatest risk. Multiple geographically separate severe risk areas in the same greatest risk category will be described in a single risk headline.

This change reduces the duplication of geographic region and state descriptors that commonly occur in association with severe risk areas that have multiple concentric probability contours.

Example case of the current and simplified headlines for the Convective Outlook products are below.

Simplified Risk Headlines...

...THERE IS A MARGINAL RISK OF SEVERE THUNDERSTORMS EASTERN  
PA...MD...SOUTHERN NJ AND VICINITY...EASTERN SD AND NORTHERN NE...

WESTERN ND...SOUTH CENTRAL MT...WESTERN NV INTO SOUTHERN OR...

Current Risk Headlines...

...THERE IS A MARGINAL RISK OF SEVERE THUNDERSTORMS EASTERN  
PA...MD...SOUTHERN NJ AND VICINITY...

...THERE IS A MARGINAL RISK OF SEVERE THUNDERSTORMS EASTERN SD AND  
NORTHERN NE...

...THERE IS A MARGINAL RISK OF SEVERE THUNDERSTORMS WESTERN ND...

...THERE IS A MARGINAL RISK OF SEVERE THUNDERSTORMS SOUTH CENTRAL MT...

...THERE IS A MARGINAL RISK OF SEVERE THUNDERSTORMS WESTERN NV INTO  
SOUTHERN OR...

Three separate examples of these headlines, along with the accompanying graphic, can be found in the link below:

[https://www.weather.gov/om/pns/headlines\\_change.docx](https://www.weather.gov/om/pns/headlines_change.docx)

If you have questions, please contact:

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National Service Change Notices are online at:

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

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