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PNSWSH

Service Change Notice 23-55  
National Weather Service Headquarters Silver Spring MD  
1050 AM EDT Mon May 1 2023

To:       Subscribers:  
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From:     David Novak  
          Director, Weather Prediction Center

Subject: Operational Implementation of the Excessive Rainfall Outlook for  
Days 4-5 on or about June 1, 2023

On or about June 1, 2023, the NWS Weather Prediction Center (WPC) will  
operationally implement the Excessive Rainfall Outlook (ERO) for Days 4  
and 5.

The ERO depicts the probability of rainfall exceeding flash flood guidance  
(FFG) within 25 miles (40 kilometers) of a point, over the contiguous  
United States (CONUS). Currently, the ERO is operationally issued for the  
first three days of the forecast (Days 1, 2 and 3), and has been  
experimentally issued for Days 4 and 5 since February 2022.

This service enhancement will continue to provide greater lead time for  
extreme rainfall threats.

The initial issuance of the Day 4 and Day 5 ERO will occur by 0830  
Coordinated Universal Time (UTC), with updates issued by 2030 UTC.  
Discussion of the forecast reasoning for the Day 4 and Day 5 ERO will be  
included in the Extended Forecast Discussion (PMDEPD), and the relevant  
portion of the PMDEPD will be excerpted on the WPC homepage in the  
"Excessive Rain" tab.

The ERO is available on the WPC website at:

[https://www.wpc.ncep.noaa.gov/qpf/excessive\\_rainfall\\_outlook\\_ero.php](https://www.wpc.ncep.noaa.gov/qpf/excessive_rainfall_outlook_ero.php)

The ERO is available for download as Keyhole Markup Language (KML),  
shapefiles, gridded binary version two (GRIB2) files, and via an ArcGIS  
Representational state transfer (REST) service at the same link above.

More detailed information about the Excessive Rainfall Outlook can be  
found in the NWS Product Description Document (PDD) at the following URL:

[https://www.weather.gov/media/notification/PDDs/PDD\\_ERO\\_Days\\_4\\_5\\_T20.pdf](https://www.weather.gov/media/notification/PDDs/PDD_ERO_Days_4_5_T20.pdf)

If you have any additional questions, please contact:

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