

NOUS41 KWBC 011450
PNSWSH

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

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

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

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

If you have any additional questions, please contact:

Gregory Carbin
Chief, Forecast Operations Branch
NWS - NCEP/Weather Prediction Center
College Park, MD
gregory.carbin@noaa.gov

Alex Lamers
Warning Coordination Meteorologist
NWS - NCEP/Weather Prediction Center
College Park, MD
alex.lamers@noaa.gov

National Service Change Notices are available at:

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

NNNN