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Public Information Statement 22-11 Updated  
National Weather Service Headquarters Silver Spring MD  
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To:           Subscribers:  
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              Other NWS Partners, Users and Employees

From:         David Novak  
              Director, Weather Prediction Center

Subject:      Updated: Soliciting Comments on Experimental Excessive Rainfall  
              Outlook for Days 4-5 through February 26, 2023

Updated to include the depiction of a Marginal Risk category, change the daily outlook update time, and amend the comment period to be through February 26, 2023.

Through February 26, 2023, the NWS is seeking user feedback on an experimental 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 issued for the first 3 days of the forecast (Days 1, 2, and 3).

WPC will continue to produce an experimental Day 4 and Day 5 outlook to the ERO. This service enhancement will provide greater lead time for extreme rainfall threats.

Effective immediately, and for the remainder of the experimental period, WPC will include a Marginal Risk outline for the Day 4 and 5 ERO, similar to the operational Day 1 to 3 ERO.

The initial issuance of the Day 4 and Day 5 ERO will occur by 0830 Coordinated Universal Time (UTC), with updates occurring by 2030 UTC (was previously 1730 UTC). Discussion of the forecast reasoning for the Day 4 and Day 5 ERO will be included in the Extended Forecast Discussion (PMDEPD).

The experimental Day 4 and Day 5 ERO does not have a text points file, but shapefiles and Keyhole Markup Language (KML) files are being produced. GRIB2 files will also not be available immediately for the Day 4 and Day 5 ERO, but will be produced at a later date prior to becoming operational.

The ERO is available on the Weather Prediction Center (WPC) website at the following URL:

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

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

[https://nws.weather.gov/products/PDD/PDD\\_ExpExcessiveRainfallOutlookExtension\\_Days4-5\\_2023.pdf](https://nws.weather.gov/products/PDD/PDD_ExpExcessiveRainfallOutlookExtension_Days4-5_2023.pdf)

Please provide your feedback on extension of the ERO for Days 4 and 5, at the official NWS survey:

[https://www.surveymonkey.com/r/ExpERO\\_ExtensionDays4-5\\_2023](https://www.surveymonkey.com/r/ExpERO_ExtensionDays4-5_2023)

If you have any additional questions, please contact:

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