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Public Information Statement 22-43 Updated
National Weather Service Headquarters Silver Spring MD
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From: Allison Allen
 Acting Director, Office of Water Prediction

Subject: Updated: Extending Comment Period for the National Water
Center's Experimental Area Hydrologic Discussion Product through June 30,
2026

Updated to extend the comment period through June 30, 2026.

The NWS is extending the comment period for the Experimental Area
Hydrologic Discussion (AHD) Product through June 30, 2026. Updates during
the previous comment period include improvements to both the active AHD
and archive webpages.

The experimental AHD provides a near-term discussion of the potential for
the rapid-onset of flooding and its related impacts by concentrating on
very specific areas of the continental United States (CONUS). Information
contained in the AHD includes analysis of hydrologic forecast information
and the National Water Model (NWM) Short-Range Forecast (SRF) 12-hour
rapid-onset flooding probabilities and other outputs, such as high water
probabilities, high flow magnitude analysis, and/or past 7- or 14-day
average high flow magnitude analysis.

This NWC product is intended to be used by NWS field offices to aid in
the flash flood watch and warning decision-making process, and support
Impact-based Decision Support Services (IDSS) and NOAA's mission of
saving lives and property. The product may also be used by NWS Core
Partners as part of IDSS and is available publicly. The AHD is issued
only during times in which the atmospheric and current antecedent
conditions support potential hydrologic and flood related impacts with
respect to flash, urban, or small stream flooding and is not supported
24x7 during this experimental phase.

The experimental AHD features a graphic and text combination to represent
the potential developing flood related impacts. The text includes a list
of the threat (what), areas affected (where), and timing (when) in the
header, applicable current conditions (e.g., Quantitative Precipitation
Estimates, soil moisture, streamflow status), and a discussion on how
antecedent conditions, combined with forecast rainfall, could potentially
result in rapid-onset flooding.

The experimental AHD is accessible from the National Water Prediction Service (NWPS) at:

<https://water.noaa.gov/operations/ahd>

Please provide comments and feedback through the NWS official survey:

https://www.surveymonkey.com/r/ExpAHD_2025

More information about the experimental AHD can be found in the Product Description Document at:

https://nsdesk.servicenowservices.com/api/g_noa/nwspc/res2/b215c7dd87c722904b0fa8a60cbb35eb

For additional questions or comments on this product, please contact:

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The Public Information Statement announcing the initial comment period for the experimental AHD product is online at:

[https://www.weather.gov/media/notification/pdf 2023 24/pns22-43 area hydrologic discussion aaa.pdf](https://www.weather.gov/media/notification/pdf%2023%2024/pns22-43%20area%20hydrologic%20discussion%20aaa.pdf)

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