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Public Information Statement 26-25 Updated
National Weather Service Headquarters Silver Spring MD
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From: Kathryn Gilbert, Deputy Director
Weather Prediction Center

Subject: Updated: Soliciting comments for Experimental Ensemble QPF Tracking Tools through August 7, 2026

Updated to extend the comment period.

The National Weather Service (NWS) is soliciting user comments on the Weather Prediction Center's experimental Ensemble QPF Tracking Tools through August 7, 2026. The experimental Ensemble QPF Tracking Tools is a webpage that allows users to better forecast and identify upcoming short-range, impactful, heavy precipitation events throughout the contiguous United States (CONUS). The webpage consists of four tools that provide probabilistic guidance for heavy precipitation across particular spatial and temporal scales. These tools highlight areas of interest that exhibit a high probability of producing precipitation above a certain threshold:

1) Tracking of Heavy Precipitation Objects (THePrO): Provides probabilistic forecasts for heavy precipitation objects (0.1 inches/hour) using HREF and HRRRv4 time-lagged ensembles.
2) HRRR Sub-Hourly Tracking of Heavy Precipitation Objects (THePrO-SH): Offers probabilistic forecasts for heavy precipitation objects (0.05 inches/15 minutes) using a HRRR time-lagged ensemble, useful for capturing storm-scale features.
3) Analog forecasts of Precipitation Objects (AnaPrO): Generates probabilistic location forecasts for heavy precipitation object centroids by comparing current HRRRv4 time-lagged ensemble forecasts to an archive of displacement bias from historical events.
4) Snowband Probability Tracker (SPT): Displays spaghetti plots of QPF objects (0.05 and 0.1 inches/hour liquid equivalent) where the model-derived precipitation type is snow, using the same ensembles as THePrO.

The Experimental Ensemble QPF Tracking Tools can be accessed at the following URL:

https://www.wpc.ncep.noaa.gov/ensemble-qpf-tracking/

A description of the concept of the experimental Ensemble QPF Tracking Tools can be found at the following link:

https://nsdesk.servicenowservices.com/api/g_noa/nwspc/res2/92f1cbf1cff943143452f7f42f851c40

Input on the experimental Ensemble QPF Tracking Tools via this survey:

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

Additional Comments may be sent to:

WPC Services
Weather Prediction Center
College Park, MD
Email: public.program@noaa.gov

National Public Information Statements are online at:

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

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