

NOUS41 KWBC 291755 AAA  
PNSWSH

Public Information Statement 24-72 Updated  
National Weather Service Headquarters Silver Spring MD  
155 PM Mon Sep 29 2025

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

From:       Stephen W. Bieda III, Ph.D., Chief  
              Severe, Fire, Public, and Winter Weather Services  
              Branch

Subject: Updated: Soliciting Comments through June 30, 2026 on the  
Experimental Probabilistic Precipitation Portal

Updated to extend the comment period through June 30, 2026 and to add  
probabilistic ice and switch the underlying dataset to the National Blend  
of Models (NBM).

The National Weather Service (NWS) will extend the comment period for the  
Experimental Probabilistic Precipitation Portal (PPP) to collect feedback  
on the following changes and improvements to the product this season that  
are planned to be implemented on or about September 30, 2025:

- The addition of probabilistic ice information. This includes 10% and 90% exceedance percentiles, as well as the probability of exceeding the following amounts of ice: 0.01", 0.1", 0.25", 0.50", 0.75", 1.0", 1.25", and 1.50".
- The underlying ensemble information in the PPP will now come from the NBM v4.3 instead of the Weather Prediction Center (WPC) Super Ensemble.

The PPP is a website designed and maintained by WPC to be a centralized location of NWS Probabilistic Winter Precipitation Forecast (PWPF) and Probabilistic Quantitative Precipitation Forecast (PQPF) information. PWPF graphics are created by the PPP across the contiguous United States (CONUS) and are also displayed on CONUS NWS Weather Forecast Office's (WFO's) local winter forecast page.

The PPP can be accessed here:  
[https://www.wpc.ncep.noaa.gov/Prob\\_Precip](https://www.wpc.ncep.noaa.gov/Prob_Precip)

Links to the respective WFO local winter weather forecast pages  
can be found here:  
<https://www.weather.gov/prob-snow/>

The winter portion of the PPP subsumed two previous NWS  
experiments: the Experimental Probabilistic National Digital  
Forecast Database (NDFD) Snow Grids and also the PWPF

Experiment.

The PPP produces 10% and 90% exceedance percentiles, representing a Low End Amount (a 90% chance of higher snowfall/ice/QPF) and a High End Amount (a 10% chance of higher snowfall/ice/QPF) to complement the existing NWS deterministic snowfall/ice/QPF forecasts (expected amount). Narrow ranges between the minimum and maximum snowfall/ice/QPF totals indicate high forecast certainty, while large ranges between minimum and maximum totals indicate low forecast certainty.

The snow percentile values are sent as grids to NDFD. Grids are valid for 24-, 48- and 72-hour periods out to 72 hours from 0000 Coordinated Universal Time (UTC) Day 1 beginning with the 2200 UTC issuance. They are valid for 24-, 48- and 72-hour periods out to 72 hours from 1200 UTC Day 1 beginning with the 1100 UTC issuance. The Probabilistic Snow Grids are updated once per hour.

The expected amount is the deterministic NDFD forecast. The PPP will also allow a forecaster to show the expected amount as a range of two values (the 25th to 75th percentile amounts) in an Impact-based Decision Support Services graphic.

The PPP also produces the probability of exceeding the following amounts of snow: 0.1", 1", 2", 4", 6", 8", 12", and 18", the following amounts of QPF: 0.01", 0.1", 0.25", 1", 2", 3", 4", 6", 8", and 12", and the following amounts of ice accumulation: 0.01", 0.1", 0.25", 0.50", 0.75", 1.0", 1.25", and 1.50". The experimental grids for probabilistic snow are available for download in GRIB2 format via both https: and ftp: from the NWS Telecommunications Gateway FTP (TGFTP) server.

For CONUS:

tgftp.nws.noaa.gov/SL.us008001/ST.expr/DF.gr2/DC.ndfd/AR.conus/VP.001-003/ds.snow24e10.bin  
tgftp.nws.noaa.gov/SL.us008001/ST.expr/DF.gr2/DC.ndfd/AR.conus/VP.001-003/ds.snow24e90.bin  
tgftp.nws.noaa.gov/SL.us008001/ST.expr/DF.gr2/DC.ndfd/AR.conus/VP.001-003/ds.snow48e10.bin  
tgftp.nws.noaa.gov/SL.us008001/ST.expr/DF.gr2/DC.ndfd/AR.conus/VP.001-003/ds.snow48e90.bin  
tgftp.nws.noaa.gov/SL.us008001/ST.expr/DF.gr2/DC.ndfd/AR.conus/VP.001-003/ds.snow72e10.bin  
tgftp.nws.noaa.gov/SL.us008001/ST.expr/DF.gr2/DC.ndfd/AR.conus/VP.001-003/ds.snow72e90.bin

Extensible Markup Language (XML) access:

<https://digital.mdl.nws.noaa.gov/xml/>

Visualization of these data will be available on the NDFD map viewer at:

<https://digital.weather.gov/>

For additional information, please see the PPP Service

Description Document (SDD) at:

[https://nsdesk.servicenowservices.com/api/g\\_noa/nwspc/res2/cd79b82d1b4072500d690f67624bcb15](https://nsdesk.servicenowservices.com/api/g_noa/nwspc/res2/cd79b82d1b4072500d690f67624bcb15)

Users are encouraged to provide feedback on the PPP through the NWS survey at:

[https://www.surveymonkey.com/r/ExpPPP\\_2025](https://www.surveymonkey.com/r/ExpPPP_2025)

For additional comments/questions, please contact:

Eric Guillot  
Winter Weather Program Lead  
National Weather Service - Analyze, Forecast, and Support Office  
Sterling, VA  
Email: [eric.guillot@noaa.gov](mailto:eric.guillot@noaa.gov)

Kimberly McMahon  
Public Weather Program Lead  
National Weather Service - Analyze, Forecast, and Support Office  
Silver Spring, MD  
[public.program@noaa.gov](mailto:public.program@noaa.gov)

James Nelson  
Chief, Development and Training Branch  
National Weather Service Weather Prediction Center  
College Park, MD  
[james.nelson@noaa.gov](mailto:james.nelson@noaa.gov)

For general questions regarding NDFD data, please email:  
[nws.ndfd@noaa.gov](mailto:nws.ndfd@noaa.gov)

For technical questions regarding NDFD data, please contact:

Dana Strom  
Meteorological Development Lab Digital Forecast Services Branch  
National Weather Service Headquarters  
Silver Spring, MD  
[dana.strom@noaa.gov](mailto:dana.strom@noaa.gov)

National Public Information Statements are online at:

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

NNNN