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PNSWSH

Public Information Statement 24-64
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From: David Novak, Ph.D,
 Director, NCEP Weather Prediction Center

Subject: Soliciting Comments through October 1, 2026 on the Proposal to Transition the Weather Prediction Center Super Ensemble Probabilistic Winter and Quantitative Precipitation Forecast Data to the Probabilistic Precipitation Portal Data

Through October 1, 2026, the National Weather Service (NWS) is soliciting comments to assess the proposed transition of the Weather Prediction Center (WPC) Super Ensemble (WSE) Probabilistic Winter Precipitation Forecast (PWPF) data and Probabilistic Quantitative Precipitation Forecast (PQPF) data to the Probabilistic Precipitation Portal (PPP), which is scheduled for operational implementation on or about October 1, 2026. The legacy PWPF and PQPF webpage will be discontinued at the same time.

The PPP website can be viewed here:
https://www.wpc.ncep.noaa.gov/Prob_Precip/

PWPF and PQPF data that is currently available on the Satellite Broadcast Network (SBN), is derived from the WSE, whereas the PWPF and PQPF data on the PPP is derived from the National Blend of Models (NBM) and adjusted by operational forecasters. Data from the PPP will match the existing PWPF and PQPF in file format and timeframe extent. This includes both the exceedance probabilities for specific amounts of Snow, Ice, and QPF, as well as the percentile data. The standard deviation information will no longer be created due to fundamental differences in how these probabilities are calculated in the PPP when compared to the WSE.

The PPP probabilistic data will be available in GRIB2 format on a public-facing file transfer protocol (FTP) website that will be available when the PPP becomes operational. It will also be available for download in KML and shapefile format at the 24-, 36-, 48-, and 72-hour periods out to 72 hours. The PPP-derived data will not be available on the SBN, and the WSE-derived data will cease flowing over the SBN.

Probabilistic snow and ice products that will be affected by this change and their associated WMO Headers are listed in this sheet:

https://www.wpc.ncep.noaa.gov/pwpf/WPC_PWPF_WMO_Headers.pdf

Probabilistic QPF products that will be affected by this change and their associated WMO Headers are listed in this sheet:

https://www.weather.gov/media/notification/ref/QQPF_WMO_Headers.pdf

The following PWPF Redbook graphic products will be terminated by this change in favor of customizable graphics that can be created by the user on the PPP website:

Product Name	WMO Heading	AWIPS ID
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Day 1 Probability of Snow >4"	PSBB04 KWNH	NMCGPHB4S
Day 1 Probability of Snow >8"	PSBB08 KWNH	NMCGPHB8S
Day 1 Probability of Snow >12"	PSBB12 KWNH	NMCGPHB2S
Day 1 Probability of Ice >0.25"	PSBB25 KWNH	NMCGPHB5Z
Day 2 Probability of Snow >4"	PSBC04 KWNH	NMCGPHC4S
Day 2 Probability of Snow >8"	PSBC08 KWNH	NMCGPHC8S
Day 2 Probability of Snow >12"	PSBC12 KWNH	NMCGPHC2S
Day 2 Probability of Ice >0.25"	PSBC25 KWNH	NMCGPHC5Z
Day 3 Probability of Snow >4"	PSBD04 KWNH	NMCGPHD4S
Day 3 Probability of Snow >8"	PSBD08 KWNH	NMCGPHD8S
Day 3 Probability of Snow >12"	PSBD12 KWNH	NMCGPHD2S
Day 3 Probability of Ice >0.25"	PSBD25 KWNH	NMCGPHD5Z

The current PWPF data can be viewed at this website:

https://www.wpc.ncep.noaa.gov/pwppf/wwd_accum_probs.php

The current QQPF data can be viewed at this website:

https://www.wpc.ncep.noaa.gov/pqpf/conus_hpc_pqpf.php

These two websites will be retired in favor of the PPP website.

A description of the current PWPF products can be found in the National Winter Weather Products Specification NWSI 10-514 Directive here:

https://www.weather.gov/media/directives/010_pdfs/pd01005014curr.pdf

A description of the current QQPF products can be found in the QQPF Product Description Document here:

https://www.wpc.ncep.noaa.gov/pqpf/PDD_WPC_QQPF.pdf

A description of the PPP can be found in the PPP Service Description Document here:

https://nsdesk.servicenow.com/api/g_noa/nwspc/res2/cd79b82d1b4072500d690f67624bcb15

Comments on the proposal to transition the WPC WSE-based Probabilistic PWPF and QQPF data the NBM-based PPP data can be addressed to:

WPC Services
Weather Prediction Center
Riverdale Park, MD

wpcservices@noaa.gov

National Public Information Statements are online at:

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

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