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Public Information Statement 24-31 Updated
National Weather Service Headquarters Silver Spring MD
310 PM EDT Wed Apr 8 2026

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

From: Kathryn Gilbert, Deputy Director
Weather Prediction Center

Subject: Updated: Soliciting Comments on Experimental HeatRisk Grids in the National Digital Forecast Database (NDFD) and WPC HeatRisk CONUS Viewer through September 30, 2026

Updated to extend the comment period.

The NWS is seeking user feedback on experimental HeatRisk grids in the National Digital Forecast Database (NDFD) and the WPC HeatRisk contiguous U.S. (CONUS) Viewer through September 30, 2026.

The experimental NWS HeatRisk is a consistent, science-based approach that leverages generalized heat-health science with local climatology and heat-health statistics to produce a daily value of expected heat risk for each 24-hour period within any upcoming 7-day forecast period. This expected risk is not only based on afternoon heat, but also on the effects of overnight temperature in terms of how it either mitigates or augments the effects of daytime heat.

Real-time access to the experimental HeatRisk product can be obtained through the NDFD webpage:

https://digital.weather.gov/

An interactive viewer of the experimental HeatRisk is also available from the following URL:

https://www.wpc.ncep.noaa.gov/heatrisk/

Geographic Information System (GIS) Representation State Transfer (REST) services are available from the following URL:

https://mapservices.weather.noaa.gov/experimental/rest/services/NWS_HeatRisk/ImageServer

The experimental HeatRisk categorization framework is a straightforward numeric (0-4) color-based (green/yellow/orange/red/magenta) system. This type of messaging framework provides the public and NWS partners with an uncomplicated

manner of risk-based heat-related categorizations to aid in decision-making.

Please see the NWS Product Description Document (PDD) for more details:

https://nsdesk.servicenowservices.com/api/g_noa/nwspc/res2/2b86a57c979b7a108881bb7de053afcb

Users are encouraged to provide feedback on this experimental service by using the brief survey and comment form available online at:

https://www.surveymonkey.com/r/ExpNWSHeatRisk_2026

Questions related to the experimental HeatRisk can be directed to:

Public Weather Services Program
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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