

NOUS41 KWBC 161830
PNSWSH

Service Change Notice 24-53
National Weather Service Headquarters Silver Spring MD
230 PM EDT Thu May 16 2024

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

From: Bruce Entwistle, Chief
 Aviation and Space Weather Services Branch

Subject: Operational Implementation of the updated Electric Power
Dashboard Webpage on or about May 16, 2024

On or about May 16, 2024 at 1500 Coordinated Universal Time (UTC), the National Weather Service (NWS) Space Weather Prediction Center (SWPC) in Boulder, CO, will implement the operational version of the updated Electric Power Dashboard Webpage, located at:

<https://www.swpc.noaa.gov/communities/electric-power-community-dashboard>

The operational Electric Power Dashboard will be replaced by the updated Experimental operational Electric Power Dashboard currently hosted at:

<https://www.swpc.noaa.gov/products/electric-power-community-dashboard-experimental>

The operational dashboard will retain its current URL after the replacement and the experimental URL will be retired.

The updated Electric Power Dashboard webpage displays NOAA/SWPC's Geoelectric Field Models. Products from the two geoelectric field models were deployed at SWPC on June 15, 2023. These models provide near real-time maps and gridded data to indicate the induction hazard level for electrical power grids. One model uses a one-dimensional (1D) conductivity data set that covers the Continental United States (CONUS) and Canada, and the other uses a three-dimensional (3D) empirical conductivity data set that provides more detailed information for the CONUS. Both geoelectric field models are available on their own product page at:

<https://www.swpc.noaa.gov/products/geoelectric-field-models-1-minute>

Providing access to these products on the Electric Power Dashboard will improve the visibility of the information to the intended user community. In addition, the geoelectric model outputs will be placed in further context with other related products already hosted on the dashboard, potentially improving user interpretation of geomagnetic field conditions.

If you have any questions, please contact:

Dr. Christopher Balch
Geoelectric Research Scientist
CIRES/NOAA Space Weather Prediction Center
Boulder, CO
Email: christopher.balch@noaa.gov

and

Ms. Amy Macpherson
Acting National Space Weather Program Manager
National Weather Service Headquarters
Kansas City, MO
Email: amy.macpherson@noaa.gov

National Service Change Notices are online at:

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

NNNN