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Service Change Notice 22-34
National Weather Service Headquarters Silver Spring MD
500 PM EDT Wed Mar 30 2022

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From: Robyn Heffernan, Acting Chief
 Severe, Fire, Public and Winter Weather Services Branch

Subject: Transitioning the National Gridded Snowfall Analysis to
Operational Status on or about Friday, April 29, 2022

The National Weather Service, in partnership with the National Water Center (NWC), is transitioning the National Gridded Snowfall Analysis to operational status on or about April 29, 2022. The National Gridded Snowfall Analysis is available 24 hours a day, 7 days a week and updated every 12 hours (00 and 12 Coordinated Universal Time [UTC]) across the conterminous United States (CONUS).

The National Gridded Snowfall Analysis provides a multiple-timestep analysis of snowfall totals. Currently, this product represents the only CONUS-wide snowfall accumulation data that assimilates observed snowfall data into a background analysis derived from quantitative precipitation estimates with additional guidance from modeled forecast data. This product enhances the NWS's ability to record snowfall accumulations in data sparse regions and areas where radar coverage is poor.

The National Gridded Snowfall Analysis is downloadable in multiple formats including stand-alone images, Geographic Information System (GIS)-compliant datasets (GRIB2, NetCDF, projected NetCDF, GeoTiff), and as an interactive web map. The National Gridded Snowfall Analysis is available every 12 hours representing accumulation in four timesteps:

- 6-Hour Accumulation
- 24-Hour Accumulation
- 48-Hour Accumulation
- 72-Hour Accumulation
- Seasonal Accumulation (data resets on October 1 of every year)

The National Gridded Snowfall Analysis is available at:

<https://www.nohrsc.noaa.gov/snowfall>

The interactive snow information web map is available at:

https://www.nohrsc.noaa.gov/interactive/html/map.html?var=snowfall_24_h&nap=1&bgvar=dem&shdvar=shading&o9=1&o13=1

Additional information is provided in the Product Description Document (PDD) at the link below:

https://nws.weather.gov/products/PDD/PDD_NationalGriddedSnowfallAnalysis2022.pdf

If you have questions, please contact:

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National Service Change Notices are online at:

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

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