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Public Information Statement 21-53  
National Weather Service Headquarters Silver Spring MD  
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To:           Subscribers:  
              -NOAA Weather Wire Service  
              -Emergency Managers Weather Information Network  
              -NOAAPort  
              Other NWS partners and NWS employees

From:         Andrea Hardy  
              Chief, Weather Information Distribution Services Branch

Subject: Soliciting Comments on the Experimental National Map Viewer ("The Viewer") Web Application through October 31, 2021

NWS is releasing the Experimental National Map Viewer ("the Viewer") web application hosted on the Amazon Web Services public cloud on or about July 28, 2021 and is seeking comments through October 31, 2021.

NWS users/stakeholders include a diverse group of organizations and individuals who use NWS data in a wide variety of ways. As NWS data increases in scope and frequency, providing methods to ensure these data are easily accessible and ingestible by NWS users is paramount.

Interactive, web-based geospatial products, including geospatial services and map viewers, are universal methods to serve many of these assimilation needs. Interactive maps driven by geospatial services can serve all data from rapidly updating products (e.g., Multi-Radar Multi-Sensor [MRMS] data) to more traditional products (e.g., precipitation forecasts and event-driven watches and warnings). The NWS has developed the Viewer based on the aforementioned functional and data requirements provided by NWS Staff based on feedback from their stakeholders.

The Viewer is the result of a NWS partnered effort with NOAA's National Ocean Service to leverage the Environment Response Management Application (ERMA) software and customize it to meet NWS' initial functional requirements. The first two Geographic Information Service (GIS) presentation layers for the Viewer are for Tropical and Water-related information:

Tropical preview URL:

<https://viewer.geospatial.weather.gov/tropical>

Water preview URL:

<https://viewer.geospatial.weather.gov/water>

Technical functionality and the “look and feel” will be consistent across all the Viewer presentation layers, but each presentation layer will feature data most relevant to the type of weather, water, and/or climate focus areas represented by the presentation layer.

In the coming months, NWS will be scheduling a partner webinar to highlight the functionality of the Viewer.

The NWS will evaluate all comments during this period and will determine any additional and immediate need for changes based on public feedback. Please provide feedback through the NWS survey at: <https://www.surveymonkey.com/r/GISviewer>.

For more information, please contact:

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National Service Change Notices (or Public Information Notices) are online at:

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

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