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Public Information Statement 21-53 Updated
National Weather Service Headquarters Silver Spring MD
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From: Andrea Hardy
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Subject: Updated: Comment Period on the Experimental National GIS Map Viewer ("The Viewer") Web Application Extended Through May 27, 2022

Updated to extend comment period through May 27, 2022.

NWS is extending the comment period for the Experimental National Geographic Information System (GIS) Map Viewer ("the Viewer") web application hosted on the Amazon Web Services public cloud through May 27, 2022.

Some recent updates include the addition of data layers, adjustments to the table of contents, and minor bug fixes.

NWS users/stakeholders include a diverse group of organizations and individuals with exponential uses for NWS data. As NWS data increases in size and frequency, identifying methods to assimilate this data to make it more easily accessible and ingestible by NWS users is paramount. Interactive web-based geospatial products, including 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 the National Ocean Service to leverage the Environment Response Management Application (ERMA) software and customize it to meet NWS' initial functional requirements. Program sites have been developed for the Viewer for the following NWS Mission Support & Program Areas: Tropical, Water, Impact-Based Decision Support Services (IDSS), Public, Fire, Severe, Winter, Space, Climate, Aviation, and Marine. The initial development focus was on Water, Tropical, and General (IDSS & Public), so these sites have more information available.

Tropical preview URL: <https://viewer.geospatial.weather.gov/tropical>

Water preview URL: <https://viewer.geospatial.weather.gov/water>

General preview URL: <https://viewer.geospatial.weather.gov>

Fire preview URL: <https://viewer.geospatial.weather.gov/fire>

Severe preview URL: <https://viewer.geospatial.weather.gov/severe>

Winter preview URL: <https://viewer.geospatial.weather.gov/winter>

Space preview URL: <https://viewer.geospatial.weather.gov/space>

Climate preview URL: <https://viewer.geospatial.weather.gov/climate>

Aviation preview URL: <https://viewer.geospatial.weather.gov/aviation>

Marine preview URL: <https://viewer.geospatial.weather.gov/marine>

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

Feedback on the GIS Viewer is encouraged as NWS may consider phasing out legacy GIS display platforms once the Viewer becomes operational. 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/NationalGISViewer_ExtExp2022

For more information, please contact:

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National Public Information Statements are online at:

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

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