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Service Change Notice 22-38 Updated
National Weather Service Headquarters Silver Spring MD
125 PM EDT Wed Sep 21 2022

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

From: Ben Kyger, Director
 NCEP Central Operations

Subject: Updated: Upgraded IDP GIS Application to Version 3.1.0 on
September 14, 2022

Updated to reflect re-installation of service which occurred on September
14, 2022.

On Thursday, April 7, 2022, the National Centers for Environmental
Prediction (NCEP) Central Operations (NCO) Integrated Dissemination
Program (IDP) Geographic Information System (IDP-GIS)
(<https://idpgis.ncep.noaa.gov>) updated its existing Excessive Rainfall
Outlook service:

[https://idpgis.ncep.noaa.gov/arcgis/rest/services/NWS_Forecasts_Guidance
Warnings/wpc_precip_hazards/MapServer](https://idpgis.ncep.noaa.gov/arcgis/rest/services/NWS_Forecasts_Guidance_Warnings/wpc_precip_hazards/MapServer) with the new symbology as
previously announced in Service Change Notice (SCN) 22-18:

[https://www.weather.gov/media/notification/pdf2/scn22-
18_updating_ero_probability_definitions.pdf](https://www.weather.gov/media/notification/pdf2/scn22-18_updating_ero_probability_definitions.pdf)

Additionally, IDP-GIS added geospatial web mapping services capabilities
to existing Office of Water Prediction (OWP) flood inundation data and
products. These new and improved services will run in parallel with
services currently available at the OWP Advanced Hydrologic Prediction
Services (AHPS) website <https://water.weather.gov/ahps/inundation.php>
until the National Water Prediction Service (WPS) website is operational.
After the implementation, the service required further work that resulted
in it being removed from the website. On September 14, 2022, NCO re-
instated the service successfully for public availability.

The Flood Inundation Mapping (FIM) Library web service displays flood
inundation for NWS flood categories that are based on steady state
hydraulic modeling of water surface elevations for incremented
discharges. The map shows approximate inundation areas for given water
surface elevations and should not be used for navigation, permitting, or
other legal purposes, but strictly as a planning reference tool. The
Representational State Transfer (REST) Map Service endpoint is located
at:

https://idpgis.ncep.noaa.gov/arcgis/rest/services/NWS_FIM

For questions regarding the FIM service, please contact:

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For questions regarding the Excessive Rainfall update, please contact:

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For questions concerning the operational support of IDP-GIS, please contact:

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National Service Change Notices are online at:

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

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