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PNSWSH

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 7th, 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](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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