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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 with the new symbology as previously announced in Service Change Notice (SCN) 22-18:


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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National Service Change Notices are online at:

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

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