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Service Change Notice 21-59 Updated
National Weather Service Headquarters Silver Spring MD
920 AM EDT Mon Jun 21 2021

To: Subscribers:
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From: Ben Kyger, Director
 NCEP Central Operations

Subject: Updated: Updates to the NWS RFC QPE Services on IDP GIS:
Effective on or after July 20, 2021

Updated to add National Ocean Service (NOS) Operational Forecast System (OFS) coverage service.

Effective on or after July 20, 2021, beginning at 1500 Coordinated Universal Time (UTC), the National Centers for Environmental Prediction (NCEP) Central Operations (NCO) will make changes to the NWS River Forecast Center (RFC) Quantitative Precipitation Estimate (QPE) services available via the Integrated Dissemination Program (IDP) Geographic Information System (GIS).

The following RFC QPE service is available on IDP:

https://idpgis.ncep.noaa.gov/arcgis/rest/services/NWS_Forecasts_Guidance_Warnings/rfc_qpe/MapServer

One missing (last_24_hours_observed) layer was added. In addition, Normal, Departure from Normal and Percent of Normal layers have been removed for the following time frames: 1, 2, 3, 6, 12 hours. Since 12Z and 2, 3, 4, 5, 6 days as they were found to be not scientifically relevant. Users that request data via layer identifier (ID) will need to update their links to match the new layer IDs for this service. An example of a layer ID request is:

https://idpgis.ncep.noaa.gov/arcgis/services/NWS_Forecasts_Guidance_Warnings/rfc_qpe/MapServer/WmsServer?service=WMS&request=GetMap&version=1.3.0&crs=EPSG:4326&layers=289&styles=&width=1000&height=500&bbox=20.0,-125.0,50.0,-65.0&format=image/png

Updated layer IDs can be found at:

https://www.weather.gov/idp/idpgis/rfc_qpe/scn

Additionally, a new static service from the National Ocean Service Center for Operational Oceanographic Products and Services (CO-OPS) is being added to the IDP GIS suite. The new Operational Forecast System (OFS) map

service depicts the coverage of present OFS models around the U.S. and its territories.

NOAA provides forecast guidance of oceanographic information to help mariners safely navigate their local waters. This national network of hydrodynamic models provides users with operational nowcast and forecast guidance (out to 48 hours) on parameters such as water levels, water temperature, salinity, and currents. These forecast systems are implemented in critical ports, harbors, estuaries, Great Lakes and coastal waters of the U.S., and form a national backbone of real-time data, tidal predictions, data management and operational modeling.

Please note the new OFS GIS service provides coverage information only and no actual forecast or navigational data. The service is to be used for informational purposes only.

NCEP will evaluate all comments to determine whether to proceed with this upgrade. For questions regarding these application changes, 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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