

NOUS41 KWBC 161330  
PNSWSH

Service Change Notice 24-89  
National Weather Service Headquarters Silver Spring MD  
930 AM EDT Mon Sep 16 2024

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

From:         David Michaud, Director  
              NCEP Central Operations

Subject: Upgrade of the Real Time Ocean Forecast System (RTOFS) to  
version 2.4: Effective September 13, 2024

Effective on or about Tuesday, September 13, 2024 with the 1200  
Coordinated Universal Time (UTC) cycle, The National Centers for  
Environmental Prediction (NCEP) will upgrade the Real Time Ocean Forecast  
System (RTOFS) to v2.4.

The proposed changes include:

- HYCOM upgrades that mitigate HYCOM crashes and improve model stability
- Added integrity check for all netCDF and HDF5 data
- Added Restart capability for Hybrid Ocean Model (HYCOM)
- Added processing of GOES-18 data

The above changes will help prevent delays in delivery times.

Selected OpenDAP files for rtofs\_glo\_3dz will be removed from NOMADS with  
this upgrade.

```
rtofs_glo_3dz_nowcast *.info  
rtofs_glo_3dz_nowcast *.dds  
rtofs_glo_3dz_nowcast *.das  
rtofs_glo_3dz_forecast *.info  
rtofs_glo_3dz_forecast *.dds  
rtofs_glo_3dz_forecast *.das
```

Please submit comments, questions, or requests on the upgrade to:

Avichal Mehra  
NWS/NCEP Environment Modeling Center  
College Park, MD  
[avichal.mehra@noaa.gov](mailto:avichal.mehra@noaa.gov)

For questions on the data flow aspects, please contact:

Margaret Curtis, HPC Dataflow Team Lead

NWS/NCEP Central Operations  
College Park, MD  
[ncep.pmb.dataflow@noaa.gov](mailto:ncep.pmb.dataflow@noaa.gov)

National Service Change Notices are online at:

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

NNNN