

NOUS41 KWBC 161325  
PNSWSH

Service Change Notice 20-09  
National Weather Service Headquarters Silver Spring MD  
825 AM EST Thu Jan 16 2020

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

From:         Grant A. Cooper  
              Acting Director  
              National Centers for Environmental Prediction

Subject: Earlier Release Time for RTOFS Global Products: Effective  
January 17, 2020

Effective on or about Friday, January 17, 2020, with the 0000 Coordinated Universal Time (UTC) cycle, the National Centers for Environmental Prediction (NCEP) Central Operations (NCO) will be implementing the Real-Time Ocean Forecast System (RTOFS) model onto new supercomputing hardware, causing a decrease in computation time and an earlier release time for some products.

The earlier release time will apply for the following products on NCEP Web Services:

<https://nomads.ncep.noaa.gov/pub/data/nccf/com/rtofs/prod/>  
<ftp://ftpprd.ncep.noaa.gov/pub/data/nccf/com/rtofs/prod/>

1) Products up to 52 minutes earlier:

rtofs\_glo.t00z.n00.restart.a.tgz  
rtofs\_glo.t00z.n00.restart.b  
rtofs\_glo.t00z.n00.restart\_cice.tgz  
rtofs\_glo.t00z.n00.archs.a.tgz  
rtofs\_glo.t00z.n00.archs.b  
rtofs\_glo.t00z.n00.archv.a.tgz  
rtofs\_glo.t00z.n00.archv.b

rtofs\_glo.t00z.n-HH.archs.a.tgz  
rtofs\_glo.t00z.n-HH.archs.b  
where HH = 01 through 48

rtofs\_glo.t00z.n-HH.archv.a.tgz  
rtofs\_glo.t00z.n-HH.archv.b

where HH = 06 through 48 in 6-hour timesteps

2) Products up to 29 minutes earlier:

```
rtofs_glo.t00z.fHH.archs.a.tgz
rtofs_glo.t00z.fHH.archs.b
where HH = 01 through 99
```

```
rtofs_glo.t00z.fHHH.archs.a.tgz
rtofs_glo.t00z.fHHH.archs.b
where HHH = 100 through 192
```

```
rtofs_glo.t00z.fHH.archv.a.tgz
rtofs_glo.t00z.fHH.archv.b
where HH = 06 through 96 in 6-hour timesteps
```

```
rtofs_glo.t00z.fHHH.archv.a.tgz
rtofs_glo.t00z.fHHH.archv.b
where HHH = 102 through 192 in 6-hour timesteps
```

3) Products three to 53 minutes early:

```
rtofs_glo_3dz_nHHH_6hrly_hvr_alaska.nc
rtofs_glo_3dz_nHHH_6hrly_hvr_US_east.nc
rtofs_glo_3dz_nHHH_6hrly_hvr_US_west.nc
where HHH = 006 through 048 in 6-hour timesteps
```

```
rtofs_glo_3dz_fHHH_6hrly_hvr_alaska.nc
rtofs_glo_3dz_fHHH_6hrly_hvr_US_east.nc
rtofs_glo_3dz_fHHH_6hrly_hvr_US_west.nc
where HHH = 006 through 192 in 6-hour timesteps
```

```
rtofs_glo_3dz_nHHH_daily_3zsio.nc
rtofs_glo_3dz_nHHH_daily_3ztio.nc
rtofs_glo_3dz_nHHH_daily_3zuio.nc
rtofs_glo_3dz_nHHH_daily_3zvio.nc
where HHH = 024, 048
```

```
rtofs_glo_3dz_fHHH_daily_3zsio.nc
rtofs_glo_3dz_fHHH_daily_3ztio.nc
rtofs_glo_3dz_fHHH_daily_3zuio.nc
rtofs_glo_3dz_fHHH_daily_3zvio.nc
where HHH = 024 through 192 in 24-hour timesteps
```

4) Products three to 8.5 minutes earlier:

```
rtofs_glo.t00z.nHHH_alaska_std.grb2
rtofs_glo.t00z.nHHH_arctic_std.grb2
rtofs_glo.t00z.nHHH_bering_std.grb2
rtofs_glo.t00z.nHHH_guam_std.grb2
rtofs_glo.t00z.nHHH_gulf_alaska_std.grb2
rtofs_glo.t00z.nHHH_honolulu_std.grb2
rtofs_glo.t00z.nHHH_hudson_baffin_std.grb2
rtofs_glo.t00z.nHHH_samoa_std.grb2
rtofs_glo.t00z.nHHH_trop_paci_lowres_std.grb2
rtofs_glo.t00z.nHHH_west_atl_std.grb2
```

rtofs\_glo.t00z.nHHH\_west\_conus\_std.grb2  
where HHH = 024, 048

rtofs\_glo.t00z.fHHH\_alaska\_std.grb2  
rtofs\_glo.t00z.fHHH\_arctic\_std.grb2  
rtofs\_glo.t00z.fHHH\_bering\_std.grb2  
rtofs\_glo.t00z.fHHH\_guam\_std.grb2  
rtofs\_glo.t00z.fHHH\_gulf\_alaska\_std.grb2  
rtofs\_glo.t00z.fHHH\_honolulu\_std.grb2  
rtofs\_glo.t00z.fHHH\_hudson\_baffin\_std.grb2  
rtofs\_glo.t00z.fHHH\_samoa\_std.grb2  
rtofs\_glo.t00z.fHHH\_trop\_paci\_lowres\_std.grb2  
rtofs\_glo.t00z.fHHH\_west\_atl\_std.grb2  
rtofs\_glo.t00z.fHHH\_west\_conus\_std.grb2  
where HHH = 024, 048, 072, 144

5) All World Meteorological Organization (WMO) heading products 2.5 to 8.5 minutes early. Please see the following link for the full list:

[https://www.nco.ncep.noaa.gov/pmb/changes/docs/RTOFS\\_headers\\_speedup.pdf](https://www.nco.ncep.noaa.gov/pmb/changes/docs/RTOFS_headers_speedup.pdf)

For questions regarding the data flow aspects of these datasets, contact:

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National Service Change Notices are online at:

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

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