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PNSWSH

Technical Implementation Notice 13-08
National Weather Service Headquarters Washington DC
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 -Emergency Managers Weather Information Network
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From: John Derber, Acting Chief
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 NCEP/Environmental Modeling Center

Subject: Termination of Select Global Forecast System (GFS) Low-Resolution Products: Effective April 16, 2013

Effective Tuesday, April 16, 2013, with the 1200 Coordinated Universal Time (UTC) cycle, the National Centers for Environmental Prediction (NCEP) will stop producing some legacy low-resolution gridded products from the Global Forecast System (GFS), and stop disseminating them via NOAAPort and the NWS ftp server.

A Public Information Statement was issued on January 22, 2013, requesting comments on the proposed termination of multiple legacy GFS low-resolution products:

<https://www.weather.gov/media/notification/pdfs/pns13gfslegacy.pdf>

Based on responses received, NWS will terminate some of the products proposed for removal. Listed below are the gridded products available on NOAAPort and the NWS file transfer protocol (FTP) server that will be removed on April 16, 2013:

Grid	Resolution	Area	Map Projection
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Family of Service (FOS) grids:			
#21	5x2.5	0-180E, 0-90N	latitude/longitude
#22	5x2.5	180W-0, 0-90N	latitude/longitude
#23	5x2.5	0-180E, 90S-0	latitude/longitude
#24	5x2.5	180W-0, 90S-0	latitude/longitude
#25	5x5	0-355E, 0-90N	latitude/longitude
#26	5x5	0-355E, 90S-0	latitude/longitude

Products available at 0000 and 1200 cycles for forecast hours 00 to 72, and for 0000 cycle out to 240 hours. Products disseminated via NWS FTP server only -- not on NOAAPort.

World Area Forecast System (WAFS) grids:

Grid	Resolution	Area	Map Projection
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#37	1.25x1.25	0-90N, 330-60E	latitude/longitude
#39	1.25x1.25	0-90N, 150-240E	latitude/longitude
#40	1.25x1.25	0-90N, 240-330E	latitude/longitude

Products available for 00Z cycle only, forecast hours 96, 120, 144 and 168.

Advanced Weather Interactive Processing System (AWIPS) grids:

#202	190.5 km	CONUS	Polar Stereographic
#203	190.5 km	Alaska	Polar Stereographic

Products available 0000, 0600, 1200, 1800 cycles for forecast hours 00 to 120, every six hours, for 0000 cycle out to 240 hours:

#204	160 km	Hawaii	Mercator
#205	190.5 km	Puerto Rico	Polar Stereographic

Products available 0000 cycle for forecast hours 00 to 240:

#201	381 km	N. Hemisphere	Polar Stereographic
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All gridded binary version 1 (GRIB1) AWIPS grid #201 products will be removed. This includes the dataset known as "gfsLR" in AWIPS.

Note: The GRIB version 2 (GRIB2) AWIPS grid #201 dataset will not be removed. This is the dataset known as "gfs360" in AWIPS.

More information about the grids listed above is available at:

<http://www.nco.ncep.noaa.gov/pmb/docs/on388/tableb.html>

The World Meteorological Organization (WMO) headers for products to be removed are listed at:

http://www.nco.ncep.noaa.gov/pmb/changes/docs/gfs_legacy_remove_final.shtml

A catalog of GFS output products and their availability on multiple ftp servers can be found at:

<http://www.nco.ncep.noaa.gov/pmb/products/>

If you have questions about this termination, please contact:

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National Technical Implementation Notices are online at:

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

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