Technical Implementation Notice 16-04 Amended  
National Weather Service Headquarters Washington DC  
1155 AM EDT Thu Mar 17 2016

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

From: Timothy McClung  
Portfolio Manager  
Office of Science and Technology Integration


Amended to remove the addition of the 20km Pacific Region grid at this time. NCEP needs to amend the grid dimensions, then will send a new Technical Implementation Notice (TIN) when we will turn it on.

Effective on or about March 23, 2016, beginning with the 1200 Coordinated Universal Time (UTC) run, the National Centers for Environmental Prediction (NCEP) will both remove and add GFS model output on NOAA Port:

Remove 381 km Northern Hemisphere grid  
Remove the GRIB1 SSTOI grid  
Remove legacy fax charts

Two Public Information Statements were issued on January 22, 2013, and February 19, 2014, requesting comments on the proposed termination of multiple legacy GFS products:

https://www.weather.gov/media/notification/pdfs/pns13gfslegacy.pdf  
https://www.weather.gov/media/notification/pdfs/pns14gfs_legacy_removal.pdf

Based on responses received, NCEP was given permission to remove products as long as there was a comparable, or better, replacement.
NCEP will terminate Grid #201, 381 km Northern Hemisphere (Polar Stereographic) from NOAAport.

A 1.0 degree global grid was added to NOAAPORT on March 10, 2015 as a replacement to the 381 km grid. Please reference the TIN for information:

https://www.weather.gov/media/notification/tins/tin14-54gfs_noaaport.pdf

Run 4 cycles per day at 00z, 06z, 12z and 18z

World Meteorological Organization (WMO) Headers will be as follows:

Template T1 T2 A1 A2 ii cccc
ccc is KWBC, where C is Global Forecast System (GFS)

T1 = L & M
A2 specifies the forecast hours as follows:
A = 00; B=06; C=12; D=18; E=24; F=30; G=36; H=42; I=48; J=60;
K=72; L=84; M=96; N=108; O=120; P=132; Q=144; R=156; S=168;
T=180; U=192; V=204; W=216; X=228; Y=240 (Note: T1 is Y)
M=54; N=66; T=78; U=90; V=102; W=114; X=126; 138; 150; 162; 174;
186; 198; 210; 222;
234 (Note: T1 is Z)
ii = 10,15,20,25,30,40,50,70,85,86,97,98,99

For a complete list of these WMO headers being removed, please reference this link:

http://origin.nco.ncep.noaa.gov/pmb/changes/gfs_381km_wmoheaders.shtml

Remove the GRIB1 Sea Surface Temperature OI on NOAAPort. Find a similar product here:

http://polar.ncep.noaa.gov/sst/rtg_high_res/

Runs once daily at 12z
WMO Headers are as follows:
HTXA88 KWBC

World Area Forecast Fax Charts of Temperature and Winds will be removed from NOAAPort. Find similar graphical information on the NCEP Model Analysis and Guidance (MAG) website:
http://mag.ncep.noaa.gov
Runs twice daily at 00z and 06z
Flight Levels: 300, 340, 390
WMO headers being removed will be as follows: PWFD20 KWBC PWFD25 KWBC PWFD30 KWBC PWFE20 KWBC PWFE25 KWBC PWFE30 KWBC

For questions regarding these changes, please contact:

Carissa Klemmer
NWS/NCEP Central Operations
College Park, MD
301-683-0567
ncep.list.pmb-dataflow@noaa.gov

National Technical Implementation Notices are online at:

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

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