

NOUS41 KWBC 171555 AAA
PNSWSH

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
 -NOAAPort
 Other NWS Partners, Users and Employees

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

Subject: Amended: Global Forecast System (GFS) Product Removal from
NOAAPort: Effective March 23, 2016

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 NOAAPort:

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 four cycles per day at 00, 06, 12 and 18 UTC.

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

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

T1 = L & M
T2 = B,C,E,G,H,O,P,R,T,U,V A1 = A
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; Z=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 Gridded Binary Version One (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 12 UTC

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:

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National Technical Implementation Notices are online at:

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

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