

NOUS41 KWBC DDHHMM
PNSWSH

Technical Implementation Notice 11-57
National Weather Service Headquarters Washington DC
918 AM EST Fri Dec 23, 2011

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From: Timothy McClung
Chief, Science Plans Branch
Office of Science and Technology (OST)

Subject: Upgrade of the NCEP Air Quality Forecast
System Effective January 31 2012

Effective Tuesday January 31, at 1200 coordinated Universal Time (UTC), the National Centers for Environmental Prediction (NCEP) will add an operational product generated by the HYSPLIT model to its operational product suite.

This upgrade will expand operational prediction products to include predictions of dust from dust storms over the CONUS from the 06 UTC and 12 UTC prediction cycles.

Once operational the output from this transition will be available from the NWS National Digital Guidance Database (NDGD) server at:

<ftp://tgftp.nws.noaa.gov/SL.us008001/ST.opnl/DF.gr2/DC.ndgd/GT.aq/AR.conus/>

This output is currently being generated as an experimental product from 06UTC and 12UTC prediction cycles at NCEP. These data can be obtained from the experimental NDGD server at:

<ftp://tgftp.nws.noaa.gov/SL.us008001/ST.expr/DF.gr2/DC.ndgd/GT.aq/AR.conus/>

The file names for dust prediction products are:

- ds.dustsdc01.bin: for concentration of dust in the air in the lowest model layer near the surface.
- ds.dustvdc01.bin: for average concentration of dust in the column of air between the surface and 5km altitude.

More information on NCEP model changes can be found at:

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

For questions concerning EMC issues, please contact:

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NWS National Technical Implementation Notices are online at:

<http://www.weather.gov/os/notif.htm>

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