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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

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 Hybrid Single-Particle Lagrangian Integrated Trajectory (HYSPLIT) model to its operational product suite.

This upgrade will expand operational prediction products to include predictions of dust from dust storms over the contiguous U.S. (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 06 UTC and 12 UTC 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 Environmental Modeling Center (EMC) issues,
please contact:

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