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Technical Implementation Notice 10-49, Amended
National Weather Service Headquarters Washington DC
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From: Timothy McClung
Chief, Science Plans Branch
Office of Science and Technology

Subject: Amended: Upgrade of the NCEP Air Quality Forecast
System Effective December 14, 2010

Amended to change the date of implementation of changes from December 21, 2010, to December 14, 2010. Implementation of the changes to the Air Quality Forecast System is sooner than specified by NWS Policy (NWS Instruction 10-1805). The reduction of the normal advance lead time was approved to ensure the product will become available before the extended computer system moratorium. Minimal changes to software will be necessary to accommodate this product change.

Effective Tuesday, December 14, 2010 at 1200 coordinated Universal Time (UTC), the National Centers for Environmental Prediction (NCEP) will upgrade the Ozone Model run in its operational production suite. This upgrade will provide the following changes to this system:

- Expand the operational ozone prediction products to add maximum 1 hour average and maximum 8 hour average ozone for the first day of prediction for CONUS

Once operational, the output from this enhanced processing 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/>

Maximum 1 hour average and maximum 8 hour average ozone for the first day of prediction for CONUS are currently generated twice per day 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/>

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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