

NOUS41 KWBC 161705
PNSWSH

TECHNICAL IMPLEMENTATION NOTICE 08-06
NATIONAL WEATHER SERVICE HEADQUARTERS WASHINGTON DC
1205 PM EST WED JAN 16 2008

TO: FAMILY OF SERVICES /FOS/ SUBSCRIBERS
NOAA WEATHER WIRE SERVICE /NWS/ SUBSCRIBERS
EMERGENCY MANAGERS WEATHER INFORMATION NETWORK /EMWIN/
SUBSCRIBERS
NOAAPORT SUBSCRIBERS
OTHER NWS CUSTOMERS...PARTNERS AND EMPLOYEES

FROM: PAUL HIRSCHBERG
CHIEF...SCIENCE PLANS BRANCH
OFFICE OF SCIENCE AND TECHNOLOGY

SUBJECT: STREAMLINED DATA PATHWAY FOR AIR QUALITY FORECAST GUIDANCE
PRODUCTS: EFFECTIVE APRIL 1 2008

EFFECTIVE TUESDAY APRIL 1 2008...WITH THE 1200 COORDINATED UNIVERSAL TIME
/UTC/ RUN...THE NATIONAL CENTERS FOR ENVIRONMENTAL PREDICTION /NCEP/ WILL
STREAMLINE THE DISSEMINATION OF HOURLY AIR QUALITY /AQ/ FORECAST GUIDANCE
PRODUCTS WITH AGGREGATED SUPER-HEADED PRODUCTS.

DATAFLOW CHANGES:

NCEP WILL STOP SENDING INDIVIDUAL HOURLY AQ GRID FILES FOR OZONE AND SMOKE
TO THE TELECOMMUNICATIONS OPERATIONS CENTER /TOC/...NOW POSTED IN THE
DIRECTORIES BELOW /USE LOWER CASE EXCEPT FOR SL...ST...MT AND CY/:

SL.US008001/ST.OPNL/MT.CMAQ_CY.06/
SL.US008001/ST.OPNL/MT.CMAQ_CY.12/

DIRECTORY NAME CHANGES:

A SECOND COMPONENT OF THIS CHANGE IS TO REVISE THE AQ FORECAST GUIDANCE
FILE PATH ON THE NWS FTP SERVER TO THE FOLLOWING ADDRESSES BELOW /USE ALL
LOWER CASE EXCEPT FOR SL...ST...DF...DC...GT AND AR/:

SL.US008001/ST.EXPR/DF.GR2/DC.NDGD/GT.AQ/AR.CONUS/DS.OZONE01.BIN
SL.US008001/ST.EXPR/DF.GR2/DC.NDGD/GT.AQ/AR.CONUS/DS.OZONE08.BIN
SL.US008001/ST.OPNL/DF.GR2/DC.NDGD/GT.AQ/AR.CONUS/DS.OZONE01.BIN
SL.US008001/ST.OPNL/DF.GR2/DC.NDGD/GT.AQ/AR.CONUS/DS.OZONE08.BIN
SL.US008001/ST.EXPR/DF.GR2/DC.NDGD/GT.AQ/AR.CONUS/DS.SMOKEC01.BIN
SL.US008001/ST.EXPR/DF.GR2/DC.NDGD/GT.AQ/AR.CONUS/DS.SMOKES01.BIN
SL.US008001/ST.OPNL/DF.GR2/DC.NDGD/GT.AQ/AR.CONUS/DS.SMOKEC01.BIN
SL.US008001/ST.OPNL/DF.GR2/DC.NDGD/GT.AQ/AR.CONUS/DS.SMOKES01.BIN

IN THE NEW PATH...GT STANDS FOR GUIDANCE TYPE.

REASON FOR CHANGE:

FOR THE DATA PATH CHANGE: THE CURRENT DATA PATH INCLUDES EXTRANEIOUS STEPS THAT ADD TO THE DELIVERY TIME...DELAYING PRODUCTS PAST THE REQUIRED TIMES OF AVAILABILITY. ALSO BY STREAMLINING THE DATA PATH...POTENTIAL LATENCIES AND POINTS-OF-FAILURE THAT CAN PREVENT PRODUCT DELIVERY WILL BE ELIMINATED.

FOR THE DIRECTORY NAME CHANGES...INTRODUCTION OF GT ALIGNS AQ PRODUCTS WITH OTHER PRODUCTS IN THE NATIONAL DIGITAL GUIDANCE DATABASE /NDGD/. THIS NEW PATH WILL ALLOW A CLEARER DISTINCTION BETWEEN AIR QUALITY...GRIDDED MOS PRODUCTS...REAL-TIME MESOSCALE ANALYSIS PRODUCTS AND PROBABILISTIC SLOSH PRODUCTS IN THE NDGD.

FOR QUESTIONS CONCERNING AIR QUALITY PRODUCTS...PLEASE CONTACT:

PAULA DAVIDSON
OFFICE OF SCIENCE AND TECHNOLOGY
SILVER SPRING MARYLAND
PHONE: 301-713-3557 X 171
EMAIL: PAULA.DAVIDSON@NOAA.GOV

FOR QUESTIONS CONCERNING THE DATAFLOW ASPECTS OF THIS IMPLEMENTATION...EMAIL THE NCEP/NCO/PMB DATAFLOW HELPDESK:

NCEP.PMB.DATAFLOW@NOAA.GOV

NATIONAL TECHNICAL IMPLEMENTATION NOTICES ARE ONLINE AT /USE LOWER CASE/:

[HTTPS://WWW.WEATHER.GOV/NOTIFICATION/ARCHIVE](https://www.weather.gov/notification/archive)

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