

NOUS41 KWBC 161705
PNSWSH

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

TO: SUBSCRIBERS:
-FAMILY OF SERVICES
-NOAA WEATHER WIRE SERVICE
-EMERGENCY MANAGERS WEATHER INFORMATION NETWORK
OTHER NWS PARTNERS, USERS AND EMPLOYEES

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

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 LETTERS 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 LETTERS 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:

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

NCEP.PMB.DATAFLOW@NOAA.GOV

NWS TECHNICAL IMPLEMENTATION NOTICES ARE AVAILABLE ONLINE AT /USE LOWER CASE LETTERS/:

[HTTP://WWW.NWS.NOAA.GOV/OM/NOTIF.HTM](http://www.nws.noaa.gov/om/notif.htm)

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