

NOUS41 KWBC 021222

TECHNICAL IMPLEMENTATION NOTICE 09-28  
NATIONAL WEATHER SERVICE HEADQUARTERS WASHINGTON DC  
750 AM EDT TUE SEP 2 2009

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

FROM: JASON TUELL  
CHIEF...SCIENCE PLANS BRANCH  
OFFICE OF SCIENCE AND TECHNOLOGY /OST/

SUBJECT: UPGRADE OF THE NCEP AIR QUALITY FORECAST  
/HYSPLIT/ SYSTEM EFFECTIVE SEPTEMBER 29 2009

EFFECTIVE TUESDAY SEPTEMBER 29 2009...AT 1200 COORDINATED  
UNIVERSAL TIME /UTC/...THE NATIONAL CENTERS FOR  
ENVIRONMENTAL PREDICTION /NCEP/ WILL UPGRADE THE HYSPLIT  
MODEL RUN IN ITS OPERATIONAL PRODUCTION SUITE. THIS  
UPGRADE WILL PROVIDE THE FOLLOWING CHANGES TO THIS SYSTEM:

- EXPAND THE OPERATIONAL SMOKE PREDICTION DOMAIN TO ADD  
ALASKA
- IMPLEMENT THE HYSPLIT MODEL LINKED TO THE NAM FOR  
SMOKE PREDICTIONS OVER ALASKA

ONCE OPERATIONAL THE OUTPUT FROM THIS ENHANCED PROCESSING  
WILL BE AVAILABLE FROM THE NWS NATIONAL DIGITAL GUIDANCE  
DATABASE /NDGD/ SERVER AT.../USE LOWERCASE/:

[HTTP://WEATHER.NOAA.GOV/PUB/SL.US008001/ST.OPNL/DF.GR2/DC.N  
DGD/GT.AQ/AR.ALASKA/](http://WEATHER.NOAA.GOV/PUB/SL.US008001/ST.OPNL/DF.GR2/DC.N<br/>DGD/GT.AQ/AR.ALASKA/)

OUTPUT FROM THE NEW HYSPLIT MODEL SYSTEM IS CURRENTLY BEING  
GENERATED DAILY AT NCEP. THESE DATA CAN BE OBTAINED FROM  
THE EXPERIMENTAL NDGD SERVER LOCATED AT.../USE LOWERCASE/:

[HTTP://WEATHER.NOAA.GOV/PUB/SL.US008001/ST.EXPR/DF.GR2/DC.N  
DGD/GT.AQ/AR.ALASKA/](http://WEATHER.NOAA.GOV/PUB/SL.US008001/ST.EXPR/DF.GR2/DC.N<br/>DGD/GT.AQ/AR.ALASKA/)

MORE INFORMATION ON NCEP MODEL CHANGES CAN BE FOUND AT  
/USE LOWERCASE/:

[HTTP://WWW.NCO.NCEP.NOAA.GOV/PMB/CHANGES](http://WWW.NCO.NCEP.NOAA.GOV/PMB/CHANGES)

FOR QUESTIONS CONCERNING EMC ISSUES...PLEASE CONTACT:

GEOFF MANIKIN

NCEP - ENVIRONMENTAL MODELING CENTER  
CAMP SPRINGS MARYLAND  
301 763 8000 x7263  
GEOFFREY.MANIKIN@NOAA.GOV

FOR OTHER QUESTIONS CONCERNING THESE CHANGES...CONTACT:

REBECCA COSGROVE  
NCEP...PRODUCTION MANAGEMENT BRANCH  
CAMP SPRINGS MARYLAND  
301 763 8000 X7148  
REBECCA.COSGROVE@NOAA.GOV

NWS NATIONAL TECHNICAL IMPLEMENTATION NOTICES ARE ONLINE AT  
/USE LOWERCASE/:

[HTTP://WWW.WEATHER.GOV/OS/NOTIF.HTM](http://www.weather.gov/os/notif.htm)

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