

NOUS41 KWBC 051525  
PNSWSH

TECHNICAL IMPLEMENTATION NOTICE 10-09  
NATIONAL WEATHER SERVICE HEADQUARTERS WASHINGTON DC  
1025 AM EST FRI FEB 5 2010

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

FROM: TIMOTHY MCCLUNG  
CHIEF...SCIENCE PLANS BRANCH  
OFFICE OF SCIENCE AND TECHNOLOGY

SUBJECT: UPGRADE OF THE NCEP AIR QUALITY FORECAST /HYSPLIT/ SYSTEM:  
EFFECTIVE FEBRUARY 23 2010

EFFECTIVE TUESDAY FEBRUARY 23 2010...AT 1200 COORDINATED UNIVERSAL TIME /UTC/...THE NATIONAL CENTERS FOR ENVIRONMENTAL PREDICTION /NCEP/ WILL UPGRADE THE AIR QUALITY FORECAST /HYSPLIT/ MODEL RUN IN ITS OPERATIONAL PRODUCTION SUITE. THIS UPGRADE WILL INCLUDE THE FOLLOWING CHANGES TO THIS SYSTEM:

- EXPAND THE OPERATIONAL SMOKE PREDICTION DOMAIN TO ADD HAWAII.
- IMPLEMENT THE HYSPLIT MODEL LINKED TO THE NORTH AMERICAN MESOSCALE /NAM/ MODEL FOR SMOKE PREDICTIONS OVER HAWAII.

THE INFORMATION IN THIS NOTICE IS BEING PROVIDED AS A COURTESY SINCE THIS DATA IS MADE AVAILABLE TO USERS VIA FILE TRANSFER PROTOCOL /FTP/ SERVERS. THIS NOTICE IS OUTSIDE THE SCOPE OF NWS INSTRUCTION 10-1805 WHICH PROVIDES NOTIFICATION LEAD TIMES FOR TECHNICAL IMPLEMENTATIONS.

ONCE OPERATIONAL...THE OUTPUT FROM THIS ENHANCED PROCESSING WILL BE AVAILABLE FROM THE NWS NATIONAL DIGITAL GUIDANCE DATABASE /NDGD/ SERVER AT /USE LOWER CASE EXCEPT FOR SL...ST...DF...DC...GT AND AR/:

[HTTP://WEATHER.NOAA.GOV/PUB/SL.US008001/ST.OPNL/DF.GR2/DC.NDGD/GT.AQ/AR.HAWAII/](http://weather.noaa.gov/pub/sl.us008001/st.opnl/df.gr2/dc.ndgd/gt.aq/ar.hawaii/)

OUTPUT FROM THE HYSPLIT MODEL SYSTEM IS CURRENTLY BEING GENERATED DAILY EXPERIMENTALLY AT NCEP FOR HAWAII. THESE EXPERIMENTAL DATA CAN BE OBTAINED FROM THE EXPERIMENTAL NDGD SERVER LOCATED AT /USE LOWER CASE EXCEPT FOR SL...ST...DF...DC...GT AND AR/:

[HTTP://WEATHER.NOAA.GOV/PUB/SL.US008001/ST.EXPR/DF.GR2/DC.NDGD/GT.AQ/AR.HAWAII/](http://weather.noaa.gov/pub/sl.us008001/st.expr/df.gr2/dc.ndgd/gt.aq/ar.hawaii/)

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

[HTTP://WWW.NCO.NCEP.NOAA.GOV/PMB/CHANGES](http://www.nco.ncep.noaa.gov/pmb/changes)

FOR QUESTIONS REGARDING THE MODEL CHANGES...CONTACT:

GEOFF MANIKIN  
NCEP...ENVIRONMENTAL MODELING CENTER  
CAMP SPRINGS MARYLAND  
301-763-8000 x 7263  
[GEOFFREY.MANIKIN@NOAA.GOV](mailto:GEOFFREY.MANIKIN@NOAA.GOV)

FOR OTHER QUESTIONS CONCERNING THESE CHANGES...CONTACT:

REBECCA COSGROVE  
NCEP...PRODUCTION MANAGEMENT BRANCH  
CAMP SPRINGS MARYLAND  
301-763-8000 X 7148  
[REBECCA.COSGROVE@NOAA.GOV](mailto:REBECCA.COSGROVE@NOAA.GOV)

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

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

END  
\$\$  
NNNN