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PNSWSH

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

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 NORTH AMERICAN MESOSCALE /NAM/
MODEL 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 LOWER CASE/:

HTTP://WEATHER.NOAA.GOV/PUB/SL.US008001/ST.OPNL/DF.GR2/DC.NDGD/GT.AQ/AR.AL
ASKA/

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 LOWER CASE/:

HTTP://WEATHER.NOAA.GOV/PUB/SL.US008001/ST.EXPR/DF.GR2/DC.NDGD/GT.AQ/AR.AL
ASKA/

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

HTTP://WWW.NCO.NCEP.NOAA.GOV/PMB/CHANGES

FOR QUESTIONS CONCERNING ENVIRONMENTAL MODELING CENTER /EMC/
ISSUES...PLEASE CONTACT:

GEOFF MANIKIN
NCEP - ENVIRONMENTAL MODELING CENTER
CAMP SPRINGS MARYLAND
301-763-8000 x 7263
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

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

HTTPS://WWW.WEATHER.GOV/NOTIFICATION/ARCHIVE

END
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