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PNSWSH

TECHNICAL IMPLEMENTATION NOTICE 04-53...UPDATED
NATIONAL WEATHER SERVICE HEADQUARTERS WASHINGTON DC
215 PM EST FRI JANUARY 7 2005

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

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

SUBJECT: UPDATED: ADDITION OF NEW SHORT-RANGE GFS-BASED MOS BUFR
PRODUCTS...EFFECTIVE FEBRUARY 8 2005

NOTE: UPDATED TO REFINE EFFECTIVE DATE FROM LATE JANUARY
2005 TO FEBRUARY 8 2005.

NOTE: THE FOLLOWING CHANGES HAVE NO IMPACT ON NOAA WEATHER
WIRE SUBSCRIBERS

ATTENTION USERS OF THE MODEL OUTPUT STATISTICS /MOS/ GUIDANCE:

ON TUESDAY... FEBRUARY 8 2005... NWS WILL PRODUCE NEW GFS-BASED
BUFR PRODUCTS CONTAINING MOS GUIDANCE FOR 6 TO 84 HOURS FROM THE
0000... 0600... 1200... AND 1800 UNIVERSAL COORDINATED TIME /UTC/
MODEL RUNS. THESE NEW BUFR PRODUCTS WILL CONTAIN ADDITIONAL
STATIONS AND AN ENHANCED SET OF ELEMENTS... INCLUDING REDEFINED
CATEGORIES FOR CEILING HEIGHT... SKY COVER... AND VISIBILITY
GUIDANCE.

THE NEW COMMUNICATION IDENTIFIERS FOR THESE PRODUCTS ARE SHOWN IN
TABLE 1. THE PRODUCTS WILL BE AVAILABLE FROM THE NWS
TELECOMMUNICATIONS GATEWAY... THE NWS FILE TRANSFER PROTOCOL
/FTP/ SERVER /TGFTP/...AND THE METEOROLOGICAL DEVELOPMENT LAB
/MDL/ WEBPAGES. REFERENCED BELOW IS A WEBPAGE PROVIDING MORE
INFORMATION ON PROJECTIONS AND ELEMENTS FOR WHICH GUIDANCE IS
AVAILABLE. THESE PRODUCTS EVENTUALLY WILL REPLACE EXISTING GFS-
BASED MOS BUFR PRODUCTS. NWS WILL PROVIDE AN OVERLAP OF AT LEAST
NINE MONTHS TO ALLOW TIME TO TRANSITION TO THE NEW PRODUCTS.
NOTIFICATION WILL BE SENT BEFORE OLD PRODUCTS ARE REMOVED.

TABLE 1: COMMUNICATION IDENTIFIERS FOR THE SHORT-RANGE GFS-BASED
MOS BUFR PRODUCTS.

WMO HEADING	REGION
JSML30 KWNO	PACIFIC REGION

JSML31 KWNO	NORTHEAST CONUS
JSML32 KWNO	SOUTHEAST CONUS
JSML33 KWNO	NORTH CENTRAL CONUS
JSML34 KWNO	SOUTH CENTRAL CONUS
JSML35 KWNO	ROCKY MOUNTAIN CONUS
JSML36 KWNO	WEST COAST CONUS
JSML37 KWNO	ALASKA

A WEBPAGE OUTLINING THE ELEMENTS AND PROJECTIONS AVAILABLE IN THE GFS-BASED BUFR PRODUCTS ALONG WITH THE ASSOCIATED BUFR TABLE B CAN BE FOUND ONLINE AT /USE LOWER CASE LETTERS/:

[HTTP://WWW.NWS.NOAA.GOV/MDL/SYNOP/BUFR.HTML](http://www.nws.noaa.gov/mdl/synop/bufr.html)

A LIST OF ALL SITES IN THE BUFR PRODUCTS AND A MAP OF THE REGIONS CAN BE FOUND ONLINE AT /USE LOWER CASE LETTERS/:

[HTTP://WWW.NWS.NOAA.GOV/MDL/SYNOP/STADRG.HTML](http://www.nws.noaa.gov/mdl/synop/stadrg.html)

IF YOU HAVE ANY QUESTIONS ABOUT THESE CHANGES TO THE MOS GUIDANCE SYSTEM... PLEASE CONTACT:

PAUL DALLAVALLE
MDL/SILVER SPRING MARYLAND
PHONE: 301 713 0023 EXT. 135
E-MAIL: PAUL.DALLAVALLE@NOAA.GOV

LINKS TO THE MOS PRODUCTS...ALONG WITH DESCRIPTIONS...CAN BE FOUND AT /USE LOWER CASE LETTERS/:

[HTTP://WWW.NWS.NOAA.GOV/MDL/SYNOP/PRODUCTS.SHTML](http://www.nws.noaa.gov/mdl/synop/products.shtml)

THIS AND OTHER NWS TECHNICAL IMPLEMENTATION NOTICES ARE AVAILABLE ON THE INTERNET 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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