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PNSWSH

TECHNICAL IMPLEMENTATION NOTICE 04-53
NATIONAL WEATHER SERVICE HEADQUARTERS WASHINGTON DC
715 AM EST MON SEPTEMBER 20 2004

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: ADDITION OF NEW SHORT-RANGE GFS-BASED MOS BUFR PRODUCTS...
EFFECTIVE LATE JANUARY 2005

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

ATTENTION USERS OF THE MODEL OUTPUT STATISTICS /MOS/ GUIDANCE

IN LATE JANUARY 2005... THE 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/ WEB PAGES. A WEBPAGE
PROVIDING MORE INFORMATION REGARDING PROJECTIONS AND ELEMENTS FOR WHICH
GUIDANCE IS AVAILABLE IS REFERENCED BELOW. A FOLLOW-ON ANNOUNCEMENT WILL BE
SENT WITH AN EXACT IMPLEMENTATION DATE WHEN OPERATIONAL SCHEDULES HAVE BEEN
ESTABLISHED. THESE PRODUCTS WILL EVENTUALLY REPLACE THE EXISTING GFS-BASED
MOS BUFR PRODUCTS. AN OVERLAP OF AT LEAST NINE MONTHS WILL OCCUR TO ALLOW
USERS TIME TO TRANSITION TO THE NEW PRODUCTS. NOTIFICATION WILL BE SENT PRIOR
TO THE REMOVAL OF THE OLD PRODUCTS.

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 GEOGRAPHIC 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:

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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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