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TECHNICAL IMPLEMENTATION NOTICE 08-89
NATIONAL WEATHER SERVICE HEADQUARTERS WASHINGTON DC
255 PM EDT MON NOV 3 2008

TO: SUBSCRIBERS:
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-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: REPLACEMENT OF ETA-BASED MOS GUIDANCE WITH NAM-BASED
MOS GUIDANCE: EFFECTIVE DECEMBER 9 2008

REFER TO: PUBLIC INFORMATION STATEMENT...COMMENT PERIOD RELEASED
JULY 21 2008.

EFFECTIVE TUESDAY DECEMBER 9 2008 WITH THE 1200 UNIVERSAL
COORDINATED TIME /UTC/ CYCLE RUN...THE NWS WILL REPLACE THE
MODEL OUTPUT STATISTICS /MOS/ GUIDANCE BASED ON THE ETA MODEL
WITH MOS GUIDANCE BASED ON THE NORTH AMERICAN MESOSCALE /NAM/
MODEL.

A PUBLIC INFORMATION STATEMENT WAS ISSUED ON JULY 21 2008
REQUESTING COMMENTS ON THE PROPOSED REPLACEMENT OF THE ETA-BASED
MOS GUIDANCE WITH NAM-BASED MOS GUIDANCE. BASED ON THE RESPONSES
RECEIVED...THE DECISION WAS MADE TO REPLACE THE ETA MOS WITH NEW
NAM MOS GUIDANCE. FOR DETAILS ABOUT THIS DECISION PLEASE SEE THE
MEMORANDUM FOR THE RECORD AT /USE LOWER CASE LETTERS/:

[HTTP://WWW.WEATHER.GOV/INFOSERVICECHANGES/ETAMOSDECISION.PDF](http://www.weather.gov/infoSERVICECHANGES/ETAMOSDECISION.PDF)

THE NAM MOS GUIDANCE WILL BE ISSUED FOR THE SAME ELEMENTS AS THE
ETA MOS GUIDANCE AND WILL BE AVAILABLE FOR ONE TO THREE DAYS IN
ADVANCE OF THE 0000 AND 1200 UTC MODEL RUN TIMES. GUIDANCE WILL
BE AVAILABLE IN ALPHANUMERIC TEXT MESSAGES AND BUFR PRODUCTS
WHICH WILL USE THE SAME WMO HEADINGS AND AWIPS IDS AS THE
CURRENT ETA MOS PRODUCTS. THE WMO HEADINGS FOR THE PRODUCTS ARE
OUTLINED IN TABLE 1 BELOW. THE PRODUCTS WILL BE DISSEMINATED ON
THE SATELLITE BROADCAST NETWORK /SBN/...NOAAPORT...AND THE NWS
FTP SERVER.

USERS WILL SEE THE FOLLOWING CHANGES DUE TO THE REPLACEMENT OF
THE ETA MOS WITH NAM MOS:

1. STATISTICAL EQUATIONS FOR SOME ELEMENTS REDEVELOPED USING NAM

- MODEL DATA AS INPUT
2. CHANGES TO THE STATIONS FOR WHICH GUIDANCE IS AVAILABLE
 3. THUNDERSTORM GUIDANCE NOW AVAILABLE TO 72 HOURS IN TEXT PRODUCT
 4. PRODUCT DELIVERY APPROXIMATELY 10 MINUTES LATER DUE TO LONGER MODEL RUN TIME
 5. ETA MOS LABEL IN TEXT AND BUFR PRODUCTS CHANGED TO NAM MOS

PLEASE REFER TO THE WEBSITE LISTED BELOW FOR MORE SPECIFIC DETAILS ABOUT THE CHANGES OUTLINED ABOVE: /USE LOWER CASE LETTERS/

[HTTP://NWS.NOAA.GOV/MDL/SYNOP/NAM.PHP](http://NWS.NOAA.GOV/MDL/SYNOP/NAM.PHP)

A TECHNICAL PROCEDURES BULLETIN DESCRIBING THE FORMAT OF THE NAM MOS TEXT PRODUCTS IS AVAILABLE AT THE FOLLOWING WEB SITE /USE LOWER CASE LETTERS/:

[HTTP://NWS.NOAA.GOV/MDL/SYNOP/TPB/MDLTPB08-01.PDF](http://NWS.NOAA.GOV/MDL/SYNOP/TPB/MDLTPB08-01.PDF)

TABLE 1. COMMUNICATION IDENTIFIERS FOR THE NAM-BASED MOS GUIDANCE.

NOTE THAT THESE IDENTIFIERS ARE CURRENTLY USED TO DISSEMINATE THE ETA MOS GUIDANCE. ON DECEMBER 8 2008 THE NAM GUIDANCE WILL BE SENT UNDER THESE HEADINGS.

WMO HEADING	AWIPS ID	PRODUCT TYPE
FOPA40 KWNO	METPA0	TEXT
FOUS44 KWNO	METNE1	TEXT
FOUS45 KWNO	METSE1	TEXT
FOUS46 KWNO	METNC1	TEXT
FOUS47 KWNO	METSC1	TEXT
FOUS48 KWNO	METRM1	TEXT
FOUS49 KWNO	METWC1	TEXT
FOAK47 KWNO	METAJK	TEXT
FOAK48 KWNO	METAFC	TEXT
FOAK49 KWNO	METAFG	TEXT
JSML10 KWNO	N/A	BUFR
JSML11 KWNO	N/A	BUFR
JSML12 KWNO	N/A	BUFR
JSML13 KWNO	N/A	BUFR
JSML14 KWNO	N/A	BUFR
JSML15 KWNO	N/A	BUFR
JSML16 KWNO	N/A	BUFR
JSML17 KWNO	N/A	BUFR

IF YOU HAVE QUESTIONS ABOUT THESE PRODUCTS OR THE MOS GUIDANCE...PLEASE CONTACT:

KATHRYN GILBERT
 MDL/SILVER SPRING MARYLAND
 PHONE: 301-713-0023 EXT. 130

E-MAIL: KATHRYN.GILBERT@NOAA.GOV

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

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

NWS TECHNICAL IMPLEMENTATION NOTICES ARE ONLINE 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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