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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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-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 COORDINATED UNIVERSAL 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/:

[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 BINARY UNIVERSAL FORM FOR THE
REPRESENTATION OF METEOROLOGICAL DATA /BUFR/ PRODUCTS WHICH WILL USE THE
SAME WORLD METEOROLOGICAL ORGANIZATION /WMO/ HEADINGS AND ADVANCED WEATHER
INTERACTIVE PROCESSING SYSTEM /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 FILE TRANSFER PROTOCOL /FTP/ SERVER.

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

- STATISTICAL EQUATIONS FOR SOME ELEMENTS REDEVELOPED USING NAM MODEL DATA
AS INPUT.

- CHANGES TO THE STATIONS FOR WHICH GUIDANCE IS AVAILABLE.
- THUNDERSTORM GUIDANCE NOW AVAILABLE TO 72 HOURS IN TEXT PRODUCT.
- PRODUCT DELIVERY APPROXIMATELY 10 MINUTES LATER DUE TO LONGER MODEL RUN TIME.
- 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/:

[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 WEBSITE /USE LOWER CASE/:

[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:

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 MDL/SILVER SPRING MARYLAND
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LINKS TO THE MOS PRODUCTS...ALONG WITH DESCRIPTIONS...CAN BE FOUND ONLINE AT /USE LOWER CASE/:

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

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

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