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PNSWSH

TECHNICAL IMPLEMENTATION NOTICE 04-51 UPDATED
NATIONAL WEATHER SERVICE HEADQUARTERS WASHINGTON DC
215 PM EST FRI JAN 7 2005

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

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

SUBJECT: UPDATED: ADDITION OF ETA-BASED MOS WIND AND TEMPERATURE GUIDANCE
FOR MARINE LOCATIONS...EFFECTIVE FEBRUARY 8 2005

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...THE NWS WILL ADD NEW MOS GUIDANCE PRODUCTS
CONTAINING WIND SPEED AND DIRECTION...AIR TEMPERATURE AND DEW POINT
TEMPERATURE FOR MARINE SITES. THE NEW MOS GUIDANCE IS BASED ON THE ETA
MODEL AND WILL BE AVAILABLE FROM THE 0000 AND 1200 COORDINATED UNIVERSAL
TIME /UTC/ MODEL RUNS FOR 121 STATIONS. THE GUIDANCE WILL BE AVAILABLE IN
BOTH ALPHANUMERIC AND BINARY UNIVERSAL FORM FOR THE REPRESENTATION OF
METEOROLOGICAL DATA /BUFR/ FORMAT. THE COMMUNICATION IDENTIFIERS FOR THE
ALPHANUMERIC BULLETINS ARE SHOWN IN TABLE 1. THE NEW ETA MOS BUFR
PRODUCTS DESCRIBED IN [TECHNICAL IMPLEMENTATION NOTICE /TIN/ 04-52](#) CONTAIN
GUIDANCE FOR BOTH MARINE AND LAND SITES. THE PRODUCTS WILL BE AVAILABLE
FROM THE NWS GATEWAY...THE NWS FILE TRANSFER PROTOCOL /FTP/ SERVER
/TGFTP/...AND THE METEOROLOGICAL DEVELOPMENT LABORATORY /MDL/ WEBPAGES.

REFERENCED BELOW IS A WEBPAGE PROVIDING MORE INFORMATION...INCLUDING THE
STATIONS FOR WHICH GUIDANCE IS AVAILABLE AND SAMPLE TEXT PRODUCTS.

TABLE 1. COMMUNICATION IDENTIFIERS FOR THE ALPHANUMERIC BULLETINS OF ETA-BASED MOS GUIDANCE AT MARINE STATIONS. THE ADVANCED WEATHER INTERACTIVE PROCESSING SYSTEM /AWIPS/ IDS ARE MMEXXX...WHERE XXX DENOTES THE GEOGRAPHIC REGION FOR WHICH THE GUIDANCE IS VALID.

WMO HEADING	AWIPS ID	REGION
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FQPA40 KWNO	MMEHI1	PACIFIC
FQUS41 KWNO	MMENE1	NORTHEAST
FQUS42 KWNO	MMESE1	SOUTHEAST
FQUS43 KWNO	MMEGL1	GREAT LAKES
FQUS44 KWNO	MMEGF1	GULF OF MEXICO
FQUS45 KWNO	MMENW1	NORTHWEST
FQUS46 KWNO	MMESW1	SOUTHWEST
FQAK47 KWNO	MMEAK1	ALASKA

A WEBPAGE WITH MORE INFORMATION AND SAMPLE TEXT PRODUCTS CAN BE FOUND ONLINE AT /USE LOWER CASE/:

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

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

REBECCA COSGROVE
MDL/SILVER SPRING MARYLAND
PHONE: 301-713-0023 EXT. 124
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LINKS TO THE MOS PRODUCTS...ALONG WITH DESCRIPTIONS...CAN BE FOUND AT /USE LOWER CASE/:

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

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

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

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