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PNSWSH

TECHNICAL IMPLEMENTATION NOTICE 04-51
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 ETA-BASED MOS WIND AND TEMPERATURE GUIDANCE
FOR MARINE LOCATIONS... 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 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
UNIVERSAL COORDINATED TIME /UTC/ MODEL RUNS FOR 121 STATIONS. THE
GUIDANCE WILL BE AVAILABLE IN BOTH ALPHANUMERIC AND BUFR FORMAT. THE
COMMUNICATION IDENTIFIERS FOR THE ALPHANUMERIC BULLETINS ARE SHOWN IN
TABLE 1. THE NEW ETA MOS BUFR PRODUCTS DESCRIBED IN TIN 04-52 CONTAIN
GUIDANCE FOR BOTH MARINE AND LAND SITES. THE PRODUCTS WILL BE AVAILABLE
FROM THE NWS GATEWAY...THE NWS FTP SERVER /TGFTP/...AND THE MDL WEB PAGES.
A FOLLOW-ON ANNOUNCEMENT WILL BE SENT WITH AN EXACT IMPLEMENTATION
DATE WHEN OPERATIONAL SCHEDULES HAVE BEEN ESTABLISHED.

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
AWIPS IDS ARE MMEXXX...WHERE XXX DENOTES THE GEOGRAPHIC REGION
FOR WHICH THE GUIDANCE IS VALID.

WMO HEADING	AWIPS ID	REGION
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 LETTERS/:

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

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

CHRISTOPHER MCALOON
MDL/SILVER SPRING MARYLAND
PHONE: 301 713 0023 EXT. 141
E-MAIL: CHRISTOPHER.MCALOON@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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