

NOUS41 KWBC 241640  
PNSWSH

TECHNICAL IMPLEMENTATION NOTICE 06-21  
NATIONAL WEATHER SERVICE HEADQUARTERS WASHINGTON DC  
1240 PM EDT MON APR 24 2006

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

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

SUBJECT: CHANGES TO EXTENDED-RANGE GFS-BASED MOS WIND GUIDANCE: EFFECTIVE  
JULY 11 2006

ATTENTION USERS OF THE MODEL OUTPUT STATISTICS /MOS/ GUIDANCE:

EFFECTIVE TUESDAY JULY 11 2006...THE NWS METEOROLOGICAL DEVELOPMENT  
LABORATORY /MDL/ WILL MAKE CHANGES TO THE EXTENDED-RANGE GLOBAL FORECAST  
SYSTEM /GFS/-BASED MOS WIND GUIDANCE. THE GUIDANCE IS AVAILABLE IN THE  
TEXT AND BINARY UNIVERSAL FORM FOR THE REPRESENTATION OF METEOROLOGICAL  
DATA /BUFR/ PRODUCTS WHOSE COMMUNICATION IDENTIFIERS ARE LISTED BELOW IN  
TABLE 1. CURRENTLY...MAXIMUM SUSTAINED SURFACE WIND SPEED GUIDANCE FOR  
12-HOUR PERIODS IS AVAILABLE IN THE 0000 COORDINATED UNIVERSAL TIME /UTC/  
CYCLE PRODUCTS ONLY. THIS GUIDANCE INDICATES THE HIGHEST 10-M WIND SPEED  
AT ANY OF THE HOURS DURING THE 12-HOUR PERIOD.

STARTING WITH THE 1200 UTC CYCLE ON JULY 11 2006...THE GUIDANCE WILL BE  
AVAILABLE IN BOTH THE 0000 AND 1200 UTC PRODUCTS. HOURLY WIND SPEED  
FORECASTS WILL BE GENERATED FOR EVERY THIRD HOUR AND THE 12-HOUR GUIDANCE  
IN THE TEXT AND BUFR PRODUCTS WILL EQUAL THE HIGHEST OF THE FIVE HOURLY  
VALUES AVAILABLE IN THE 12-HOUR PERIOD.

TABLE 1. COMMUNICATION IDENTIFIERS FOR THE EXTENDED-RANGE GFS-BASED MOS  
ALPHANUMERIC AND BUFR PRODUCTS

| WMO HEADING | AWIPS ID |
|-------------|----------|
| -----       | -----    |

ALPHANUMERIC PRODUCTS:

|             |        |
|-------------|--------|
| FEPA20 KWNO | MEXPA0 |
| FEUS21 KWNO | MEXNE1 |
| FEUS22 KWNO | MEXSE1 |
| FEUS23 KWNO | MEXNC1 |
| FEUS24 KWNO | MEXSC1 |
| FEUS25 KWNO | MEXRM1 |
| FEUS26 KWNO | MEXWC1 |
| FEAK37 KWNO | MEXAJK |

FEAK38 KWNO        MEXAFC  
FEAK39 KWNO        MEXAFG

BUFR PRODUCTS:

JSMT30 KWNO  
JSMT31 KWNO  
JSMT32 KWNO  
JSMT33 KWNO  
JSMT34 KWNO  
JSMT35 KWNO  
JSMT36 KWNO  
JSMT37 KWNO

A TECHNICAL PROCEDURES BULLETIN DESCRIBING THE EXTENDED-RANGE GFS MOS  
ALPHANUMERIC PRODUCTS IS AVAILABLE ONLINE AT /USE LOWER CASE/:

[HTTP://WWW.NWS.NOAA.GOV/MDL/SYNOP/TPB/MDLTPB05-07.PDF](http://www.nws.noaa.gov/mdl/synop/tpb/mdltpb05-07.pdf)

IF YOU HAVE QUESTIONS...PLEASE CONTACT:

REBECCA COSGROVE  
MDL/SILVER SPRING MARYLAND  
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EMAIL: [REBECCA.COSGROVE@NOAA.GOV](mailto:REBECCA.COSGROVE@NOAA.GOV)

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)

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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