

NOUS41 KWBC 281821
PNSWSH

TECHNICAL IMPLEMENTATION NOTICE 06-87
NATIONAL WEATHER SERVICE HEADQUARTERS WASHINGTON DC
122 PM EST TUE NOV 28 2006

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

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

SUBJECT: ADDITION OF NEW ELEMENTS TO THE GFS-BASED GRIDDED
MOS GUIDANCE: EFFECTIVE MARCH 13 2007

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

EFFECTIVE MARCH 13 2007...BEGINNING WITH THE 1200 UNIVERSAL
COORDINATED TIME /UTC/ MODEL CYCLE...NWS WILL PRODUCE ADDITIONAL
ELEMENTS IN THE GLOBAL FORECAST SYSTEM /GFS/ -BASED GRIDDED MOS
GUIDANCE. THESE PRODUCTS WILL BE DISSEMINATED ON THE SATELLITE
BROADCAST NETWORK /SBN/...NOAAPORT...AND THE NWS FTP SERVER. THE
PRODUCTS WILL BE IN GRIB2 FORMAT. THE COMMUNICATION IDENTIFIERS
ARE SHOWN IN TABLE 1 BELOW. THE GRIDDED MOS PRODUCTS WILL CONTAIN
GUIDANCE ON THE 5 KM NATIONAL DIGITAL FORECAST DATABASE /NDFD/
CONUS GRID AT PROJECTIONS OF 1 TO 7 DAYS IN ADVANCE. GRIDS WILL
BE GENERATED FROM THE 0000 AND 1200 UTC MODEL RUNS.

GUIDANCE WILL BE MADE AVAILABLE FOR THE FOLLOWING ADDITIONAL
ELEMENTS:

SKY COVER
WIND GUSTS
QUANTITATIVE PRECIPITATION /6 AND 12 HOUR/

GRIB2 GRIDDED MOS GUIDANCE IS AVAILABLE ON THE NWS FTP SERVER AT
/USE LOWER CASE EXCEPT FOR SL...ST...DF...DC...GT...AND AR/:

FTP://TGFTP.NWS.NOAA.GOV/SL.US008001/ST.OPNL/DF.GR2/DC.NDGD/
GT.MOSGFS/AR.CONUS

TABLE 1: COMMUNICATION IDENTIFIERS FOR THE GFS-BASED GRIDDED MOS
GRIB2 PRODUCTS SCHEDULED TO BE IMPLEMENTED ON MARCH 13 2007.
EACH GRIB2 PRODUCT HAS A UNIQUE WMO HEADING. LISTED BELOW ARE
REPRESENTATIONS OF THE WMO HEADINGS. A COMPLETE LIST OF GRIDDED
MOS WMO HEADINGS IS AVAILABLE AT /USE LOWER CASE LETTERS/:

[HTTP://WWW.NWS.NOAA.GOV/MDL/SYNOP/GMOS/GMOSHEADERS.PDF](http://www.nws.noaa.gov/mdl/synop/gmos/gmosheaders.pdf)

WMO HEADING ELEMENT

LAUXXX KWBQ SKY COVER
LIUXXX KWBQ 6-HR QUANTITATIVE PRECIPITATION
LVUXXX KWBQ 12-HR QUANTITATIVE PRECIPITATION
LWUXXX KWBQ WIND GUSTS

A WEB PAGE OUTLINING THE GRIDDED MOS GUIDANCE AND THE FTP SERVER STRUCTURE CAN BE FOUND AT /USE LOWER CASE LETTERS/:

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

FOR QUESTIONS ABOUT THESE PRODUCTS OR THE MOS GUIDANCE 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 AT /USE LOWER CASE LETTERS/:

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

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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