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TECHNICAL IMPLEMENTATION NOTICE 06-87...AMENDED
NATIONAL WEATHER SERVICE HEADQUARTERS WASHINGTON DC
1111 AM EST THU MAY 10 2007

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
SCIENCE PLANS BRANCH CHIEF
OFFICE OF SCIENCE AND TECHNOLOGY /OST/

SUBJECT: AMENDED: ADDITION OF NEW ELEMENTS TO THE
GFS-BASED GRIDDED MOS GUIDANCE: EFFECTIVE
JUNE 5 2007

REFER TO: TECHNICAL IMPLEMENTATION NOTICE /TIN/ 06-87
TRANSMITTED ON NOVEMBER 28 2006...AMENDED TIN
06-87 TRANSMITTED ON MARCH 8 2007 AND AMENDED TIN
05-56 TRANSMITTED JULY 27 2006.

THIS NOTICE AMENDS TIN 06-87 TO ANNOUNCE THE IMPLEMENTATION DATE
OF JUNE 5 2007 FOR THE ADDITION OF ELEMENTS TO THE GFS-BASED
GRIDDED MOS GUIDANCE. IN ADDITION DISSEMINATION OF 24-HOUR
SNOWFALL AMOUNT WILL BEGIN ON THIS DATE. THE SNOWFALL HEADERS
HAVE BEEN ADDED TO TABLE 1. THE SNOWFALL ADDITION WAS POSTPONED
FROM A PREVIOUSLY ANNOUNCED IMPLEMENTATION IN AUGUST 2006. SEE
AMENDED TIN 05-56 TRANSMITTED JULY 27 2006.

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

ON TUESDAY JUNE 5 2007...THE 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/

24-HR SNOWFALL AMOUNT

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. 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
LSUXXX KWBQ	24-HR SNOWFALL AMOUNT
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 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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