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TECHNICAL IMPLEMENTATION NOTICE 06-87...AMENDED  
NATIONAL WEATHER SERVICE HEADQUARTERS WASHINGTON DC  
1230 PM EDT FRI JUN 1 2007

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: 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... SECOND AMENDED  
TIN 06-87 TRANSMITTED ON MAY 10 2007 AND SECOND  
AMENDED TIN 05-56 TRANSMITTED JULY 27 2006.

THIS TIN IS BEING AMENDED TO REFLECT A DELAY IN GFS-BASED GRIDDED  
MOS PRODUCT DELIVERY.

DURING THE PROCESS OF TESTING IT WAS DETERMINED THAT THE ADDITION  
OF THE NEW ELEMENTS TO THE GFS-BASED GRIDDED MOS GRIB2 PRODUCTS  
WILL RESULT IN LATER PRODUCT DELIVERY TIMES. THE DAY 1-3 PRODUCT  
DELIVERY WILL BE DELAYED APPROXIMATELY 10 MINUTES FROM THE  
CURRENT DELIVERY TIME AND THE DAY 4-7 PRODUCT DELIVERY BY  
APPROXIMATELY 15 MINUTES.

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.

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

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)

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 PLEASE 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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