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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 NWS PARTNERS...USERS AND EMPLOYEES

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

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

AMENDED TO REFLECT A DELAY IN GLOBAL FORECAST SYSTEM /GFS/-BASED GRIDDED
MODEL OUTPUT STATISTICS /MOS/ PRODUCT DELIVERY.

DURING THE PROCESS OF TESTING...IT WAS DETERMINED THAT THE ADDITION OF THE
NEW ELEMENTS TO THE GFS-BASED GRIDDED MOS GRIDDED BINARY VERSION TWO
/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 MOS GUIDANCE:

ON TUESDAY...JUNE 5 2007...THE NWS WILL PRODUCE ADDITIONAL ELEMENTS IN THE
GFS-BASED GRIDDED MOS GUIDANCE. THESE PRODUCTS WILL BE DISSEMINATED ON
THE SATELLITE BROADCAST NETWORK /SBN/...NOAAPORT...AND THE NWS FILE
TRANSFER PROTOCOL /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/ CONTIGUOUS U.S. /CONUS/ GRID AT PROJECTIONS OF 1- TO 7-
DAYS IN ADVANCE. GRIDS WILL BE GENERATED FROM THE 0000 AND 1200
COORDINATED UNIVERSAL TIME /UTC/ MODEL RUNS.

GUIDANCE WILL BE MADE AVAILABLE FOR THE FOLLOWING ADDITIONAL ELEMENTS:

SKY COVER
WIND GUSTS
QUANTITATIVE PRECIPITATION /6- AND 12-HOUR/
24-HOUR 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
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LAUXXX KWBQ	SKY COVER
LIUXXX KWBQ	6-HOUR QUANTITATIVE PRECIPITATION
LSUXXX KWBQ	24-HOUR SNOWFALL AMOUNT
LVUXXX KWBQ	12-HOUR QUANTITATIVE PRECIPITATION
LWUXXX KWBQ	WIND GUSTS

EACH GRIB2 PRODUCT HAS A UNIQUE WORLD METEOROLOGICAL ORGANIZATION /WMO/ HEADING. LISTED ABOVE ARE REPRESENTATIONS OF THE WMO HEADINGS. A COMPLETE LIST OF GRIDDED MOS WMO HEADINGS IS AVAILABLE AT /USE LOWER CASE/:

<HTTP://WWW.NWS.NOAA.GOV/MDL/SYNOP/GMOS/GMOSHEADERS.PDF>

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

<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
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LINKS TO THE MOS PRODUCTS...ALONG WITH DESCRIPTIONS...CAN BE FOUND AT /USE LOWER CASE/:

<HTTP://WWW.NWS.NOAA.GOV/MDL/SYNOP>

NATIONAL TECHNICAL IMPLEMENTATION NOTICES ARE ONLINE AT /USE LOWER CASE/:

<HTTPS://WWW.WEATHER.GOV/NOTIFICATION/ARCHIVE>

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