

NOUS41 KWBC 142020 AAA
PNSWSH

TECHNICAL IMPLEMENTATION NOTICE 08-69 AMENDED
NATIONAL WEATHER SERVICE HEADQUARTERS WASHINGTON DC
320 PM EST FRI NOV 14 2008

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

FROM: JASON TUELL
CHIEF...SCIENCE PLANS BRANCH
OFFICE OF SCIENCE AND TECHNOLOGY

SUBJECT: AMENDED TO CHANGE DATE: ADDITION OF NEW ELEMENTS TO THE
GFS-BASED GRIDDED MOS GUIDANCE FOR ALASKA: EFFECTIVE
DECEMBER 16 2008

REFER TO: TECHNICAL IMPLEMENTATION NOTICE /TIN/ 08-69
TRANSMITTED ON SEPTEMBER 3 2008

AMENDED TO POSTPONE THE EFFECTIVE DATE FROM NOVEMBER 18 2008 TO
DECEMBER 16 2008 DUE TO THE NEED FOR ADDITIONAL TESTING. IN
ADDITION THE AREA WITHIN THE NDFD GRID FOR WHICH VALID FORECASTS
ARE AVAILABLE IS BEING EXPANDED AT THE REQUEST OF NWS FORECASTERS
IN ALASKA. THE ORIGINAL NOTICE...WITH REVISED DATE IS BELOW:

EFFECTIVE TUESDAY DECEMBER 16 2008...BEGINNING WITH THE 1200
COORDINATED UNIVERSAL TIME /UTC/ RUN...NWS WILL PRODUCE
ADDITIONAL ELEMENTS IN THE GLOBAL FORECAST SYSTEM /GFS/ -BASED
GRIDDED MOS GUIDANCE FOR ALASKA. THESE GUIDANCE 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 A ROUGHLY 3 KM
POLAR STEREOGRAPHIC GRID COVERING THE SAME EXPANSE AS THE
NATIONAL DIGITAL FORECAST DATABASE /NDFD/ ALASKA GRID. GRIDS
WILL BE GENERATED FROM THE 0000 AND 1200 UNIVERSAL COORDINATED
TIME /UTC/ MODEL RUNS AT PROJECTIONS OF 1 TO 7 DAYS IN ADVANCE.

GUIDANCE WILL BE MADE AVAILABLE FOR THE FOLLOWING ADDITIONAL
ELEMENTS:

WIND SPEED
WIND DIRECTION
WIND GUSTS
6- AND 12-HR PROBABILITY OF PRECIPITATION /POP/
SKY COVER

GRIDDED MOS GUIDANCE FOR ALASKA IN GRIB2 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.EXPR/DF.GR2/DC.NDGD/GT.MO
SGFS/AR.ALASKA

TABLE 1: COMMUNICATION IDENTIFIERS FOR THE GFS-BASED GRIDDED MOS
GRIB2 PRODUCTS FOR ALASKA 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 LOWERCASE/:

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

WMO HEADING	ELEMENT
LCRXXX KWBQ	WIND SPEED
LBRXXX KWBQ	WIND DIRECTION
LWRXXX KWBQ	WIND GUSTS
LURXXX KWBQ	6-HR POP
LDRXXX KWBQ	12-HR POP
LARXXX KWBQ	SKY COVER

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

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

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 LOWERCASE/:

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

TECHNICAL IMPLEMENTATION NOTICES ARE ONLINE AT /USE LOWERCASE/:

[HTTP://WWW.WEATHER.GOV/OS/NOTIF.HTM](http://www.weather.gov/os/notif.htm)

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