

NOUS41 KWBC 031350  
PNSWSH

TECHNICAL IMPLEMENTATION NOTICE 08-69  
NATIONAL WEATHER SERVICE HEADQUARTERS WASHINGTON DC  
950 AM EDT WED SEP 3 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: ADDITION OF NEW ELEMENTS TO GFS-BASED  
GRIDDED MOS GUIDANCE FOR ALASKA:  
EFFECTIVE NOVEMBER 18 2008

EFFECTIVE TUESDAY NOVEMBER 18 2008...BEGINNING WITH THE 1200  
COORDINATED UNIVERSAL TIME /UTC/...THE 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 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.MOSGFS/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 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
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 LOWER CASE/:

[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:

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MDL/SILVER SPRING MARYLAND  
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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)

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

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

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