

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
-NOAAPORT
OTHER NWS PARTNERS...USERS AND EMPLOYEES

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

SUBJECT: AMENDED: ADDITION OF NEW ELEMENTS TO THE GFS-BASED GRIDDED MOS
GUIDANCE FOR ALASKA: EFFECTIVE DECEMBER 16 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 THE 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 MODEL OUTPUT STATISTICS /MOS/
GUIDANCE FOR ALASKA. THESE GUIDANCE PRODUCTS WILL BE DISSEMINATED ON THE
SATELLITE BROADCAST NETWORK /SBN/...NOAAPORT AND THE NWS FILE TRANSFER
PROTOCOL /FTP/ SERVER. THE PRODUCTS WILL BE IN GRIDDED BINARY VERSION TWO
/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-HOUR 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.A
LASKA](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 WORLD METEOROLOGICAL ORGANIZATION /WMO/ HEADING. LISTED BELOW 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](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-HOUR POP
LDRXXX KWBQ	12-HOUR POP
LARXXX KWBQ	SKY COVER

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.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
EMAIL: KATHRYN.GILBERT@NOAA.GOV

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

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

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

[HTTPS://WWW.WEATHER.GOV/NOTIFICATION/ARCHIVE](https://www.weather.gov/notification/archive)

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