

NOUS41 KWBC 041932
PNSWSH

TECHNICAL IMPLEMENTATION NOTICE 09-20
NATIONAL WEATHER SERVICE HEADQUARTERS WASHINGTON DC
332 PM EDT THU JUN 4 2009

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

FROM: CARVEN SCOTT
CHIEF...ENVIRONMENTAL AND SCIENTIFIC SERVICES DIVISION
ALASKA REGION HEADQUARTERS

SUBJECT: NINE ADDITIONAL ALASKA GRIDDED FORECAST ELEMENTS
TO BE ADDED TO THE NATIONAL DIGITAL FORECAST DATABASE
/NDFD/ IN EXPERIMENTAL STATUS EFFECTIVE JULY 8 2009

EFFECTIVE JULY 8 2009 AT 1400 COORDINATED UNIVERSAL TIME /UTC/
NINE ALASKA GRIDDED FORECAST ELEMENTS WILL BE ADDED TO NDFD IN
EXPERIMENTAL STATUS:

TABLE 1: NEW EXPERIMENTAL ALASKA GRIDDED FORECAST ELEMENTS

TEMPERATURE	DEW POINT
WEATHER	SKY COVER
WIND GUST	RELATIVE HUMIDITY
APPARENT TEMPERATURE	QUANTITATIVE PRECIPITATION FORECAST
SNOW AMOUNT	

THESE ELEMENTS FOR ALASKA ARE IN ADDITION TO THE SIX ALASKA
GRIDDED FORECAST ELEMENTS:

MAXIMUM TEMPERATURE
MINIMUM TEMPERATURE
12-HR PROBABILITY OF PRECIPITATION
WIND SPEED
WIND DIRECTION
SIGNIFICANT WAVE HEIGHT

NWS BEGAN ISSUEING THE SIX ELEMENTS ABOVE EXPERIMENTALLY ON
SEPTEMBER 6 2006. THE ALASKA HAZARD GRID HAS BEEN ISSUED
EXPERIMENTALLY SINCE JULY 8 2008.

THE TECHNICAL IMPLEMENTATION NOTICE /TIN/ ANNOUNCING THE
ORIGINAL SIX EXPERIMENTAL ALASKA GRIDDED ELEMENTS IS AVAILABLE
ONLINE AT /USE LOWERCASE/:

WWW.WEATHER.GOV/OS/NOTIFICATION/OLD/TIN06-54NDFD_ALASKA.TXT

ALL EXPERIMENTAL GRIDDED FORECAST ELEMENTS FOR ALASKA ARE AVAILABLE AT SIX KILOMETER SPATIAL RESOLUTION. ALL OTHER FORECASTS IN NDFD FOR OTHER DOMAINS ARE AVAILABLE AT FIVE KILOMETER SPATIAL RESOLUTION.

USERS WHO PULL NDFD ELEMENTS IN GRIDDED BINARY 2 /GRIB2/ FORMAT FROM THE NWS ANONYMOUS FILE TRANSFER PROTOCOL /FTP/ SERVER... EITHER VIA THE INTERNET OR VIA THE FAMILY OF SERVICES SERVER ACCESS SERVICE...MAY NEED TO UPDATE THEIR PROCEDURES AND SCRIPTS TO ACCESS THESE FORECASTS FOR ALASKA. DETAILED INFORMATION FOR FTP AND OTHER USERS REGARDING THIS CHANGE IS AVAILABLE ONLINE AT /USE LOWERCASE/:

[HTTP://WWW.WEATHER.GOV/NDFD/TECHNICAL.HTM](http://www.weather.gov/ndfd/technical.htm)

MORE DETAILS REGARDING THESE ELEMENTS WILL BE PROVIDED IN A PRODUCT DESCRIPTION DOCUMENT /PDD/ BEFORE THE BEGINNING OF THE EXPERIMENTAL PERIOD. AT THAT TIME THE PDD WILL BE FOUND ONLINE AT /USE LOWERCASE/:

[HTTP://PRODUCTS.WEATHER.GOV/VIEWLISTE.PHP](http://products.weather.gov/viewliste.php)

IF JULY 8 2009 IS A CRITICAL WEATHER DAY...THIS IMPLEMENTATION MAY BE POSTPONED. IN THAT CASE USERS WILL BE NOTIFIED AS FAR IN ADVANCE AS POSSIBLE.

ALL 15 ALASKA FORECAST ELEMENTS WILL REMAIN EXPERIMENTAL UNTIL FEEDBACK IS ASSESSED AND A TECHNICAL ANALYSIS IS COMPLETED. AT THAT TIME THE NWS WILL DETERMINE WHETHER TO TRANSITION THESE EXPERIMENTAL ELEMENTS FOR ALASKA TO OPERATIONAL STATUS... DISCONTINUE THEM OR REVISE AND RETAIN THEM AS AN EXPERIMENTAL ELEMENTS.

NWS WILL ACCEPT COMMENTS AND FEEDBACK ON THE EXPERIMENTAL ELEMENTS FOR ALASKA THROUGH AT LEAST DECEMBER 31 2009. LINKS TO SURVEYS ARE ONLINE AT /USE LOWERCASE/:

GRIB2 USERS:

[HTTP://WWW.WEATHER.GOV/SURVEY/NWS-SURVEY.PHP?CODE=NDFD-GRIDS](http://www.weather.gov/survey/nws-survey.php?code=ndfd-grids)

USERS OF NDFD GRAPHICS:

[HTTP://WWW.WEATHER.GOV/SURVEY/NWS-SURVEY.PHP?CODE=GFP](http://www.weather.gov/survey/nws-survey.php?code=gfp)

USERS OF XML SOAP SERVICE:

[HTTP://WWW.WEATHER.GOV/SURVEY/NWS-SURVEY.PHP?CODE=XMLSOAP](http://www.weather.gov/survey/nws-survey.php?code=xmlsoap)

FOR GENERAL QUESTIONS REGARDING THE NDFD...PLEASE EMAIL:

NWS.NDFD@NOAA.GOV

FOR TECHNICAL QUESTIONS REGARDING THE NDFD DATA...CONTACT:

DAVID RUTH

CHIEF...MESOSCALE PREDICTION BRANCH
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1325 EAST WEST HIGHWAY
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FOR QUESTIONS REGARDING THIS NOTICE OR ABOUT NDFD IN ALASKA...
PLEASE CONTACT:

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NATIONAL 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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