

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...USERS AND 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 /QPF/
SNOW AMOUNT

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

MAXIMUM TEMPERATURE
MINIMUM TEMPERATURE
12-HOUR PROBABILITY OF PRECIPITATION /POP/
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 LOWER

CASE/:

[HTTPS://WWW.WEATHER.GOV/MEDIA/NOTIFICATION/TINS/TIN06-54NDFD ALASKA.PDF](https://www.weather.gov/media/notification/tins/tin06-54ndfd_alaska.pdf)

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 TWO /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 LOWER CASE/:

[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 LOWER CASE/:

[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 LOWER CASE/:

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 EXTENSIBLE MARKUP LANGUAGE /XML/ SIMPLE OBJECT ACCESS PROTOCOL /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:

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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 LOWER CASE/:

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

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