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PNSWSH

TECHNICAL IMPLEMENTATION NOTICE 06-54  
NATIONAL WEATHER SERVICE HEADQUARTERS WASHINGTON DC  
228 PM EDT MON AUG 7 2006

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

FROM: GLENN AUSTIN  
DIGITAL SERVICES TRANSITION MANAGER  
OFFICE OF CLIMATE...WATER AND WEATHER SERVICES

SUBJECT: FORECASTS FOR ALASKA ADDED TO THE NATIONAL DIGITAL FORECAST  
DATABASE /NDFD/ IN EXPERIMENTAL STATUS ON SEPTEMBER 6 2006 AT 1400 UTC

ON SEPTEMBER 6 2006 AT 1400 COORDINATED UNIVERSAL TIME /UTC/...SIX  
ELEMENTS FOR ALASKA WILL BE ADDED TO NDFD IN EXPERIMENTAL STATUS:

MAXIMUM TEMPERATURE  
WIND DIRECTION  
MINIMUM TEMPERATURE  
WIND SPEED  
12-HOUR PROBABILITY OF PRECIPITATION /POP12/  
SIGNIFICANT WAVE HEIGHT

THESE ELEMENTS FOR ALASKA WILL BE AVAILABLE AT 6 /SIX/ KILOMETER SPATIAL  
RESOLUTION. NOTE: ALL OTHER FORECASTS IN NDFD FOR ALL OTHER DOMAINS ARE  
AVAILABLE AT 5 /FIVE/ KILOMETER SPATIAL RESOLUTION.

ADDING THIS FIRST SET OF ELEMENTS FOR ALASKA IS A SIGNIFICANT MILESTONE  
FOR THE NDFD...MAKING HIGH-RESOLUTION GRIDDED DATA AVAILABLE FOR ALL PARTS  
OF THE U.S. FOR THE FIRST TIME. UNTIL NOW...THE NDFD ONLY INCLUDED  
FORECASTS FOR THE LOWER 48 STATES...PUERTO RICO...HAWAII AND GUAM. MORE  
EXPERIMENTAL ELEMENTS FOR ALASKA WILL BE ADDED TO NDFD IN THE FUTURE.

USERS WHO PULL NDFD ELEMENTS IN GRIDDED BINARY VERSION 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/OR SCRIPTS IF THEY WANT 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/OPER IMLEM AK SEPT6.HTM](http://www.weather.gov/ndfd/oper_implem_ak_sept6.htm)

MORE DETAILS REGARDING THESE ELEMENTS WILL BE PROVIDED IN A PRODUCT DESCRIPTION DOCUMENT /PDD/ PRIOR TO 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 SEPTEMBER 6 2006 IS A CRITICAL WEATHER DAY...THIS IMPLEMENTATION MAY BE POSTPONED. IN THAT CASE...USERS WILL BE NOTIFIED OF THAT DECISION AS FAR IN ADVANCE AS POSSIBLE.

THESE FORECAST ELEMENTS WILL REMAIN EXPERIMENTAL UNTIL ALL 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 ELEMENT/S/.

COMMENTS AND FEEDBACK ON THE EXPERIMENTAL ELEMENTS FOR ALASKA WILL BE ACCEPTED THROUGH APRIL 6 2007. LINKS TO ONLINE SURVEYS ARE /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)

FOR USERS OF NDFD GRAPHICS:

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

FOR 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](mailto:NWS.NDFD@NOAA.GOV)

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

DAVID RUTH  
CHIEF...MESOSCALE PREDICTION BRANCH  
NATIONAL WEATHER SERVICE  
OFFICE OF SCIENCE AND TECHNOLOGY  
SILVER SPRING MARYLAND  
EMAIL: [DAVID.RUTH@NOAA.GOV](mailto:DAVID.RUTH@NOAA.GOV)

FOR QUESTIONS REGARDING THIS NOTICE OR ABOUT NDFD IN ALASKA...PLEASE CONTACT:

DUANE CARPENTER  
NWS ALASKA REGIONAL HEADQUARTERS  
ANCHORAGE ALASKA  
EMAIL: [DUANE.CARPENTER@NOAA.GOV](mailto:DUANE.CARPENTER@NOAA.GOV)

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

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

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