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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
WIRE SERVICE /NWWS/ SUBSCRIBERS... EMERGENCY
MANAGERS WEATHER INFORMATION NETWORK /EMWIN/
SUBSCRIBERS...NOAAPORT SUBSCRIBERS...OTHER
NATIONAL WEATHER SERVICE /NWS/ CUSTOMERS
AND PARTNERS... AND NWS 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 UNIVERSAL COORDINATED 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 /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 LETTERS/:

[HTTP://WWW.WEATHER.GOV/NDFD/OPER_IMPLM_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 LETTERS/:

[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 LETTERS/:

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

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

DAVID RUTH
CHIEF...MESOSCALE PREDICTION BRANCH
NATIONAL WEATHER SERVICE
OFFICE OF SCIENCE AND TECHNOLOGY
1325 EAST WEST HIGHWAY
SILVER SPRING MARYLAND 20910
EMAIL: DAVID.RUTH@NOAA.GOV

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

DUANE CARPENTER
NWS ALASKA REGIONAL HEADQUARTERS
222 WEST 7TH AVE BOX 23
ANCHORAGE ALASKA 99513-7575
EMAIL: DUANE.CARPENTER@NOAA.GOV

THIS AND ALL OTHER NWS TECHNICAL IMPLEMENTATION NOTICES ARE AVAILABLE AT /USE LOWER CASE LETTERS/:

HTTP://WWW.WEATHER.GOV/OM/NOTIF.HTM

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