

NOUS41 KWBC 071826
PNSWSH

TECHNICAL IMPLEMENTATION NOTICE 06-55
NATIONAL WEATHER SERVICE HEADQUARTERS WASHINGTON DC
226 PM EDT MON AUG 7 2006

TO: FAMILY OF SERVICES /FOS/ SUBSCRIBERS...NOAA
WIRE SERVICE /NWS/ 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: NEW EXPERIMENTAL WIND GUST ELEMENT TO BE ADDED TO
THE NATIONAL DIGITAL FORECAST DATABASE /NDFD/ ON
SEPTEMBER 6 2006 /SEPTEMBER 7 2006 IN GUAM/

ON SEPTEMBER 6 2006 AT 1400 UNIVERSAL COORDINATED TIME
/UTC/...SEPTEMBER 7 AT MIDNIGHT LOCAL GUAM TIME...WIND GUST WILL
BE ADDED TO NDFD AS A NEW EXPERIMENTAL ELEMENT FOR THE LOWER 48
STATES...INCLUDING ALL 16 PRE-DEFINED SUBSECTORS... PUERTO
RICO/VIRGIN ISLANDS...HAWAII...AND GUAM.

THE WIND GUST ELEMENT IS PRODUCED AT 5 KILOMETER SPATIAL
RESOLUTION. FORECASTS ARE ISSUED FOR 3 HOUR PERIODS OUT TO 72
HOURS. WHEN WIND GUSTS ARE NOT EXPECTED FOR A PARTICULAR
PERIOD...THE WIND GUST FORECAST WILL BE THE VALUE OF THE
SUSTAINED WIND FORECAST ELEMENT FROM NDFD.

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 THIS NEW ELEMENT. DETAILED
INFORMATION FOR FTP AND ALL OTHER USERS REGARDING THIS CHANGE IS
AVAILABLE ONLINE AT /USE LOWER CASE LETTERS/:

[HTTP://WWW.WEATHER.GOV/NDFD/OPER_IMPLM_WGUST.HTM](http://WWW.WEATHER.GOV/NDFD/OPER_IMPLM_WGUST.HTM)

MORE DETAILS REGARDING THIS ELEMENT WILL BE ISSUED 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.
COMMENTS AND FEEDBACK ON THE EXPERIMENTAL WIND GUST ELEMENT WILL
BE ACCEPTED THROUGH MARCH 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)

THIS FORECAST ELEMENT WILL REMAIN EXPERIMENTAL UNTIL ALL FEEDBACK
IS ASSESSED AND A TECHNICAL ANALYSIS IS COMPLETED. AT THAT TIME
NWS WILL DETERMINE WHETHER TO TRANSITION THE EXPERIMENTAL WIND
GUST ELEMENT TO OPERATIONAL STATUS... DISCONTINUE THE
PRODUCT...OR REVISE AND RETAIN WIND GUST AS AN EXPERIMENTAL
ELEMENT.

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

NWS.NDFD@NOAA.GOV

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

DOUGLAS YOUNG
NATIONAL WEATHER SERVICE
OCWWS...DIGITAL SERVICES
1325 EAST WEST HIGHWAY
SILVER SPRING MARYLAND 20910
EMAIL: DOUGLAS.YOUNG@NOAA.GOV

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

[HTTP://WWW.WEATHER.GOV/OM/NOTIF.HTM](http://www.weather.gov/om/notif.htm)

\$\$
NNNN