

NOUS41 KWBC 291803
PNSWSH

TECHNICAL IMPLEMENTATION NOTICE 06-66
NATIONAL WEATHER SERVICE HEADQUARTERS WASHINGTON DC
204 PM EDT FRI SEP 29 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: EXPERIMENTAL QPF ELEMENT FOR HAWAII TO BE ADDED
TO THE NATIONAL DIGITAL FORECAST DATABASE /NDFD/
ON NOVEMBER 1 2006 AT 1400 UTC

ON NOVEMBER 1 2006 AT 1400 COORDINATED UNIVERSAL TIME /UTC/...
QUANTITATIVE PRECIPITATION FORECAST /QPF/ FOR HAWAII WILL BE
ADDED TO NDFD AS AN EXPERIMENTAL ELEMENT. QPF IS ALREADY
AVAILABLE IN THE NDFD ON AN EXPERIMENTAL BASIS FOR THE
CONTERMINOUS U.S. /CONUS/...THE 16 PRE-DEFINED CONUS SUBSECTORS
...AND PUERTO RICO/THE VIRGIN ISLANDS.

QPF FOR HAWAII WILL BE AVAILABLE IN NDFD AT 2.5 KILOMETER
SPATIAL RESOLUTION. FORECASTS ARE ISSUED FOR 6 HOUR PERIODS OUT
TO 72 HOURS. NDFD VALID PERIODS ARE SIX HOURS IN LENGTH
BEGINNING AND ENDING AT 0600...1200...1800...AND 0000 UTC.

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 QPF FOR HAWAII FROM NDFD.

CUSTOMERS WHO USE THE NDFD GRAPHICAL FORECASTS AND THE NDFD XML
WEB SERVICE CAN USE THE SAME METHODS THEY CURRENTLY USE TO
ACQUIRE THIS NEW EXPERIMENTAL ELEMENT FOR HAWAII.

DETAILED INFORMATION FOR ALL NDFD USERS REGARDING THIS CHANGE IS
AVAILABLE ONLINE AT /USE LOWER CASE LETTERS/:

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

A PRODUCT DESCRIPTION DOCUMENT /PDD/ ABOUT THE NDFD QPF ELEMENT
FOR HAWAII WILL BE POSTED ONLINE BEFORE THE IMPLEMENTATION DATE.
WHEN COMPLETED...THE PDD WILL BE AVAILABLE AT /USE LOWER CASE
LETTERS/:

[HTTP://PRODUCTS.WEATHER.GOV/PDD/HI_QPF_PDD_EXPR_110106.PDF](http://PRODUCTS.WEATHER.GOV/PDD/HI_QPF_PDD_EXPR_110106.PDF)

IF NOVEMBER 1 2006 IS A CRITICAL WEATHER DAY...THIS IMPLEMENTATION MAY BE POSTPONED. IN THAT CASE USERS WILL BE NOTIFIED AS FAR IN ADVANCE AS POSSIBLE.

COMMENTS ON THE EXPERIMENTAL QPF ELEMENT FOR HAWAII WILL BE ACCEPTED THROUGH JANUARY 1 2007...AND CAN BE SUBMITTED USING ONE OF THE FOLLOWING ONLINE SURVEYS /USE LOWER CASE LETTERS/:

FOR 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

QPF FOR HAWAII IN NDFD WILL REMAIN EXPERIMENTAL UNTIL FEEDBACK IS ASSESSED AND A TECHNICAL ANALYSIS IS COMPLETED. AT THAT TIME...NWS WILL DETERMINE WHETHER TO TRANSITION THE EXPERIMENTAL ELEMENT TO OPERATIONAL STATUS...DISCONTINUE THE ELEMENT...OR REVISE AND RETAIN IT AS AN EXPERIMENTAL ELEMENT. A FOLLOW-UP TECHNICAL IMPLEMENTATION NOTICE WILL BE ISSUED TO ADVISE USERS OF THE NWS DECISION NO LATER THAN FEBRUARY 1 2007.

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:

CHRIS ALEX
NATIONAL WEATHER SERVICE
OFFICE OF CLIMATE...WATER...AND WEATHER SERVICES
DIGITAL SERVICES TRANSITION STAFF
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SILVER SPRING MARYLAND 20910
EMAIL: CHRISTINE.ALEX@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)

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