

NOUS41 KWBC 291804  
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 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: 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 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 QPF  
FOR HAWAII FROM NDFD.

CUSTOMERS WHO USE THE NDFD GRAPHICAL FORECASTS AND THE NDFD EXTENSIBLE  
MARKUP LANGUAGE /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/:

[HTTP://WWW.WEATHER.GOV/NDFD/OPER IMPLEM QPF HAWAII.HTM](http://www.weather.gov/ndfd/oper_implem_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/:  
[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/:

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](mailto: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:

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CHIEF...MESOSCALE PREDICTION BRANCH  
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FOR QUESTIONS REGARDING THIS NOTICE...PLEASE CONTACT:

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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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