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PNSWSH

TECHNICAL IMPLEMENTATION NOTICE 08-57
NATIONAL WEATHER SERVICE HEADQUARTERS WASHINGTON DC
350 PM EDT MON JUL 21 2008

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

FROM: AHSHA N. TRIBBLE
CHIEF...CLIMATE SERVICES DIVISION
OFFICE OF CLIMATE WATER AND WEATHER SERVICES

SUBJECT: TWELVE CLIMATE OUTLOOK PROBABILITY ELEMENTS TO BECOME
OPERATIONAL IN THE NATIONAL DIGITAL FORECAST DATABASE
/NDFD/ ON AUGUST 21 2008 AT 1400 UTC

EFFECTIVE THURSDAY AUGUST 21 2008 AT 1400 COORDINATED UNIVERSAL
TIME /UTC/...NWS WILL UPGRADE THE 12 NDFD CLIMATE OUTLOOK
PROBABILITY ELEMENTS FROM EXPERIMENTAL TO OPERATIONAL STATUS.
THESE ELEMENTS ARE GENERATED BY THE CLIMATE PREDICTION CENTER
/CPC/ IN CAMP SPRINGS MARYLAND. THE CLIMATE ELEMENTS HAVE BEEN
EXPERIMENTAL SINCE OCTOBER 18 2007.

THE 12 CLIMATE OUTLOOK PROBABILITY ELEMENTS BELOW ARE
AVAILABLE FROM THE NDFD FOR THE CONTIGUOUS U.S. /CONUS/...
THE 16 PRE-DEFINED NDFD CONUS SUBSECTORS AND FOR ALASKA.

8- TO 14-DAY AVERAGE TEMPERATURE ABOVE NORMAL
8- TO 14-DAY AVERAGE TEMPERATURE BELOW NORMAL
8- TO 14-DAY TOTAL PRECIPITATION ABOVE MEDIAN
8- TO 14-DAY TOTAL PRECIPITATION BELOW MEDIAN
ONE-MONTH AVERAGE TEMPERATURE ABOVE NORMAL
ONE-MONTH AVERAGE TEMPERATURE BELOW NORMAL
ONE-MONTH TOTAL PRECIPITATION ABOVE MEDIAN
ONE-MONTH TOTAL PRECIPITATION BELOW MEDIAN
THREE-MONTH AVERAGE TEMPERATURE ABOVE NORMAL*
THREE-MONTH AVERAGE TEMPERATURE BELOW NORMAL*
THREE-MONTH TOTAL PRECIPITATION ABOVE MEDIAN*
THREE-MONTH TOTAL PRECIPITATION BELOW MEDIAN*

* THIRTEEN ISSUANCES: FOR MONTHS 1 THROUGH 3...MONTHS 2 THROUGH 4
...MONTHS 3 THROUGH 5...ETC...TO MONTHS 13 THROUGH 15.

THIS CHANGE PRIMARILY AFFECTS USERS WHO PULL THESE ELEMENTS IN
GRIDDED BINARY 2 /GRIB2/ FORMAT FROM THE NWS FILE TRANSFER
PROTOCOL /FTP/ SERVER...EITHER VIA THE INTERNET OR THE FAMILY OF

SERVICES /FOS/ SERVER ACCESS SERVICE...AND USERS WHO PULL HTML FILES FROM THE NWS HYPERTEXT TRANSPORT PROTOCOL /HTTP/ SERVER. THOSE USERS WILL NEED TO PULL THESE ELEMENTS FOR THE DOMAIN/S/ OF INTEREST FROM A DIFFERENT UNIFORM RESOURCE LOCATOR/S/ /URL/ AND MAY NEED TO UPDATE PROCEDURES AND SCRIPTS TO ENSURE CONTINUED RECEIPT OF THE DATA.

ADDITIONAL DETAILS ABOUT THIS IMPLEMENTATION...INCLUDING SPECIFIC INFORMATION FOR HTTP AND FTP USERS...ARE AVAILABLE AT /USE LOWER CASE/:

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

FOR USERS WHO KEY ON THE WORLD METEOROLOGICAL ORGANIZATION /WMO/ SUPER HEADINGS TO ACCESS NDFD ELEMENTS...THE LIST OF WMO SUPER HEADINGS FOR THESE ELEMENTS IS ONLINE AT /USE LOWER CASE/:

[HTTP://WWW.WEATHER.GOV/NDFD/RESOURCES/CLIM_OUTLK_WMO_NDFD.PDF](http://www.weather.gov/ndfd/resources/clim_outlk_wmo_ndfd.pdf)

USERS OF THE NDFD IN EXTENSIBLE MARKUP LANGUAGE /XML/ VIA SIMPLE OBJECT ACCESS PROTOCOL /SOAP/ AND NDFD IN GEOGRAPHIC MARKUP LANGUAGE /GML/ VIA WEB FEATURE SERVICE ARE NOT DIRECTLY IMPACTED BY THIS IMPLEMENTATION. THOSE USERS CAN USE THE SAME METHODS THEY CURRENTLY USE TO ACQUIRE THESE ELEMENTS FOR THE DOMAIN/S/ OF INTEREST. FOR XML AND GML USERS...THERE IS NO DISTINCTION IN THE DATA ITSELF BETWEEN EXPERIMENTAL AND OPERATIONAL ELEMENTS.

THESE OUTLOOKS ARE ALREADY AVAILABLE ONLINE FROM THE CPC WEB SITE LISTED BELOW. THEREFORE GRAPHICS FOR THESE ELEMENTS ARE NOT AVAILABLE THROUGH NDFD.

NWS WILL PROVIDE MORE DETAILS REGARDING THESE ELEMENTS IN A PRODUCT DESCRIPTION DOCUMENT /PDD/ IN THE ONLINE NATIONAL CATALOG OF PRODUCTS. THE CURRENT EXPERIMENTAL PDD FOR THESE PRODUCTS AT /USE LOWER CASE/

[HTTP://PRODUCTS.WEATHER.GOV/DETAIL.PHP?SELROW=330](http://products.weather.gov/detail.php?selrow=330)

WILL BE REPLACED WITH AN OPERATIONAL PDD AND POSTED IN THE LIST OF OFFICIAL NWS PRODUCTS WITHIN ONE WEEK BEFORE THE AUGUST 21 2008 IMPLEMENTATION DATE. THE UPDATED OPERATIONAL PDD WILL BE AVAILABLE AT /USE LOWER CASE LETTERS/:

[HTTP://PRODUCTS.WEATHER.GOV/VIEWLIST.PHP](http://products.weather.gov/viewlist.php)

DETAILED DESCRIPTIONS OF THESE PRODUCTS ARE AVAILABLE AT THE CPC WEB SITE AT /USE LOWER CASE LETTERS/:

[HTTP://WWW.CPC.NCEP.NOAA.GOV/](http://www.cpc.ncep.noaa.gov/)

GENERAL INFORMATION ON ACCESSING AND USING NDFD ELEMENTS IS AVAILABLE ONLINE AT /USER LOWER CASE LETTERS/:

[HTTP://NDFD.WEATHER.GOV/TECHNICAL.HTM](http://ndfd.weather.gov/technical.htm)

IF AUGUST 21 2008 IS A CRITICAL WEATHER DAY...THIS IMPLEMENTATION MAY BE POSTPONED. IN THAT CASE USERS WILL BE NOTIFIED OF THAT DECISION VIA A TECHNICAL IMPLEMENTATION NOTICE AS FAR IN ADVANCE AS POSSIBLE.

USERS ARE ENCOURAGED TO CONTINUE TO PROVIDE COMMENTS AND FEEDBACK ON BOTH EXPERIMENTAL AND OPERATIONAL NDFD ELEMENTS VIA ONE OF THE BRIEF ONLINE SURVEY AND COMMENT FORMS AVAILABLE ONLINE AT /USE LOWER CASE/:

[HTTP://NDFD.WEATHER.GOV/CUSTOMER.HTM](http://ndfd.weather.gov/customer.htm)

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

NWS.NDFD@NOAA.GOV

FOR QUESTIONS REGARDING THESE PRODUCTS...PLEASE CONTACT:

ED OLENIC
NWS CLIMATE PREDICTION CENTER
CHIEF...OPERATIONS BRANCH - W/NP51
5200 AUTH RD
CAMP SPRINGS MD 20746-4304
301-763-8000 X 7528
ED.OLENIC@NOAA.GOV

IF YOU HAVE QUESTIONS REGARDING THIS NOTICE...PLEASE CONTACT:

RON BERGER
NWS OFFICE OF CLIMATE WATER AND WEATHER SERVICES
CLIMATE SERVICES DIVISION - W/OS4
1325 EAST-WEST HWY
SILVER SPRING MD 20910-3283
301-713-1970 X 178
MYRON.BERGER@NOAA.GOV

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

DAVID RUTH
NWS OFFICE OF SCIENCE AND TECHNOLOGY
CHIEF...MESOSCALE PREDICTION BRANCH - W/OST21
1325 EAST-WEST HWY
SILVER SPRING MD 20910-3283
301-713-1768 X 157
DAVID.RUTH@NOAA.GOV

TECHNICAL IMPLEMENTATION NOTICES SPECIFICALLY RELATED TO THE NDFD ARE AVAILABLE ONLINE AT /USE LOWER CASE LETTERS/:

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

ALL NWS TECHNICAL IMPLEMENTATION NOTICES ARE ONLINE AT /USE LOWER CASE/:

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

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