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PNSWSH

PUBLIC INFORMATION STATEMENT...SERVICE CHANGE NOTICE 02-53  
NATIONAL WEATHER SERVICE HEADQUARTERS WASHINGTON DC  
410 PM EDT THU SEP 19 2002

TO: NATIONAL WEATHER SERVICE /NWS/ EMPLOYEES...NOAAPORT  
SUBSCRIBERS...FAMILY OF SERVICES /FOS/ SUBSCRIBERS...AND  
OTHER NWS CUSTOMERS OF CLIMATE DATA

FROM: ROBERT E. LIVEZEY  
CHIEF...CLIMATE SERVICES DIVISION

SUBJECT: NEW PROBABILITY OF EXCEEDENCE CLIMATE OUTLOOKS...  
EFFECTIVE OCTOBER 17 2002

...NOTE: THIS CHANGE HAS NO IMPACT ON NOAA WEATHERWIRE SERVICE OR  
EMERGENCY MANAGERS WEATHER INFORMATION NETWORK SUBSCRIBERS...

EFFECTIVE OCTOBER 17 2002...THE CLIMATE PREDICTION CENTER /CPC/  
WILL OFFICIALLY BEGIN ISSUING A SERIES OF PROBABILITY OF EXCEEDENCE  
/POE/ OUTLOOKS ONCE A MONTH ON NOAAPORT AND THE DOMESTIC DATA  
SERVICE /DDS/ OF THE FAMILY OF SERVICE /FOS/...AROUND MID MONTH ON  
A THURSDAY AT 300 PM EASTERN LOCAL TIME. CPC WILL ISSUE THE POE  
OUTLOOKS CONCURRENTLY WITH THE THREE-MONTH CLIMATE OUTLOOKS...UPON  
WHICH THEY ARE DERIVED. CPC HAS BEEN ISSUING POE OUTLOOKS  
EXPERIMENTALLY FOR SOME TIME ON THEIR WEB SITE AT THE URL ADDRESS  
LISTED NEAR THE END OF THIS MESSAGE.

FOR GIVEN LOCATIONS ACROSS THE U.S...CPC WILL PROVIDE A SERIES OF  
THREE-MONTH VALUES FOR GIVEN FORECAST ELEMENTS WITH VARIOUS POE  
FROM 98 TO 2 PERCENT. THE FORECAST ELEMENTS USED IN POE OUTLOOKS  
ARE MEAN TEMPERATURES...TOTAL PRECIPITATION... TOTAL HEATING DEGREE  
DAYS /HDD/...AND TOTAL COOLING DEGREE DAYS /CDD/. THE LOCATIONS  
FOR POE OUTLOOKS INCLUDE 102 AREAL CLIMATE OUTLOOK DIVISIONS AND A  
NUMBER OF POINTS FOR SPECIFIC CITIES.

FOR EACH FORECAST ELEMENT AT EACH LOCATION...CPC WILL ISSUE  
THIRTEEN SETS OF THREE-MONTH POE OUTLOOKS WITH LEAD TIMES FROM 0.5  
MONTHS TO 12.5 MONTHS. FOR EXAMPLE...ON OCTOBER 17 2002...CPC WILL  
ISSUE THREE-MONTH POE OUTLOOKS FOR EACH ELEMENT VALID FOR NOVEMBER  
2002 THROUGH JANUARY 2003...DECEMBER 2002 THROUGH FEBRUARY 2003...  
AND SO ON TO NOVEMBER 2003 THROUGH JANUARY 2004.

CPC WILL ISSUE TABULAR TEXT USING THE FOLLOWING PRODUCT IDS:

NOTE - THE LEAD TIME IS INDICATED BY THE LAST LETTER OF AWIPS ID.  
I.E. A IS FOR 0.5 MONTH LEAD TIME...B IS FOR 1.5 MONTH LEAD TIME  
ETC TO M FOR 12.5 MONTH LEAD TIME.

POE OUTLOOK PRODUCTS FOR ALL 102 CLIMATE DIVISIONAL AREAS

FOR WMO HEADINGS AWIPS IDS  
TEMPERATURE FXUS/01 THROUGH 13/ KWNC POELT/A THROUGH M/  
PRECIPITATION FXUS/61 THROUGH 73/ KWNC POELP/A THROUGH M/  
HDD FXUS/28 THROUGH 40/ KWNC POELH/A THROUGH M/  
CDD FXUS/41 THROUGH 53/ KWNC POELC/A THROUGH M/

POE OUTLOOK PRODUCTS FOR ALL SPECIFIED CITIES

FOR WMO HEADINGS AWIPS IDS  
TEMPERATURE FXUS/01 THROUGH 13/ KWNC POECT/A THROUGH M/  
HDD FXUS/28 THROUGH 40/ KWNC POECH/A THROUGH M/  
CDD FXUS/41 THROUGH 53/ KWNC POECC/A THROUGH M/

NOTE: NO PRECIPITATION POE OUTLOOKS ARE AVAILABLE FOR CITIES

THE GENERIC FORMAT FOR THE VARIOUS PRODUCTS FOLLOWS. THERE ARE TWO LINES FOR EACH CITY OR DIVISION. THE FIRST LINE CONTAINS THE AREA OR CITY NUMBER AND NAME AND THE 50 PERCENT CLIMATOLOGICAL POE. THE SECOND LINE CONTAINS THE ELEMENT VALUES WITH POE FROM 98 TO 2 PERCENT.

TEMPERATURE PROB. OF EXCEEDENCE OUTLOOKS - /DIVISIONS OR CITIES/  
NWS CLIMATE PREDICTION CENTER CAMP SPRINGS MD  
300 PM E-T THU MO. DAY 20--

VALID /THREE-MONTH PERIOD/

...TEMPERATURE IN FAHRENHEIT...

#. /DIVISION OR CITY/ NAME CLIM LINE1  
98 95 90 80 70 60 50 40 30 20 10 5 2 LINE2  
-----  
1./NAME/ XX.X  
XX.X XX.X XX.X XX.X XX.X XX.X XX.X XX.X XX.X XX.X XX.X XX.X  
2. ETC..

/DOUBLE DOLLAR SIGN/  
- END OF GENERIC FORMAT -

----- DEGREE DAY PROB. OF EXCEEDENCE OUTLOOKS/DIVISIONS OR CITIES  
NWS CLIMATE PREDICTION CENTER CAMP SPRINGS MD  
300 PM E-T THU MO. DAY 20--

VALID /THREE-MONTH PERIOD/

...----- DEGREE DAYS IN FAHRENHEIT - 65F BASIS...

#. /DIVISION OR CITY NAME/ CLIM LINE1  
98 95 90 80 70 60 50 40 30 20 10 5 2 LINE2  
-----  
1. /NAME/ XXXX  
XXXX XXXX XXXX XXXX XXXX XXXX XXXX XXXX XXXX XXXX XXXX XXXX

2. ETC..

/DOUBLE DOLLAR SIGN/  
- END OF GENERIC FORMAT -

PRECIPITATION PROB. OF EXCEEDENCE OUTLOOKS - OUTLOOK DIVISIONS  
NWS CLIMATE PREDICTION CENTER CAMP SPRINGS MD  
300 PM E-T THU MO. DAY 20--

VALID /THREE-MONTH PERIOD/

...INCHES TIMES 100...

#. /DIVISION NAME/ CLIM LINE1  
98 95 90 80 70 60 50 40 30 20 10 5 2 LINE2

-----  
1. /NAME/ XXXX  
XXXX XXXX XXXX XXXX XXXX XXXX XXXX XXXX XXXX XXXX XXXX XXXX

2. ETC..

/DOUBLE DOLLAR SIGN/  
- END OF GENERIC FORMAT -

ADDITIONALLY...FOR THE 50 PERCENT /OR CENTER/ POE OUTLOOKS...CPC  
WILL ISSUE OUTLOOK MAPS FOR THE CONTIGUOUS U.S. AT THE FOLLOWING:  
/LEAD TIMES ARE AGAIN INDICATED BY THE LAST LETTER IN THE AWIPS ID/

FOR WMO HEADINGS AWIPS IDS  
TEMPERATURE PTNV/01 THROUGH 13/ KWNC RBGCT/A THROUGH M/  
PRECIPITATION PENV/01 THROUGH 13/ KWNC RBGCP/A THROUGH M/

FOR THE 50 PERCENT OUTLOOK POE...CPC WILL PLOT SOLID CONTOURS OF POE  
ANOMALY VALUES FROM THE 50 PERCENT CLIMATOLOGICAL POE. CPC USES A  
CONTOUR INTERVAL IN TENTHS OF A DEGREE FAHRENHEIT /OR MULTIPLES OF/  
AND TENTHS OF INCHES OF PRECIPITATION /OR MULTIPLES OF/. CPC WILL  
ALSO PLOT CONTOURS OF CLIMATOLOGICAL AMOUNTS FOR THE 50 PERCENT  
CLIMATOLOGICAL POE USING INTERVALS OF 5 DEGREES FAHRENHEIT /OR  
MULTIPLES OF/ AND ONE INCH OF PRECIPITATION /OR MULTIPLES OF/.

THESE PRODUCTS AND ADDITIONAL BACKGROUND MATERIAL ARE AVAILABLE ON  
THE CPC INTERNET WEB SITE AT /USE LOWER CASE LETTERS/:

<http://www.cpc.ncep.noaa.gov/products/forecasts/>

FOR FURTHER INFORMATION...CONTACT

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THIS NOTICE AND OTHER SERVICE CHANGE NOTICES CAN BE FOUND ON THE  
INTERNET AT /USE LOWER CASE LETTERS/:

<http://www.nws.noaa.gov/om/notif.htm>

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