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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  
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 WEATHER WIRE 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 WEBSITE 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 THE ADVANCED  
WEATHER INTERACTIVE PROCESSING SYSTEM /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
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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
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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 PROBABILITY 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

/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 XX.X  
 ETC.

/DOUBLE DOLLAR SIGN/  
 - END OF GENERIC FORMAT -

DEGREE DAY PROBABILITY 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

/NAME/  
 XXXX XXXX XXXX XXXX XXXX XXXX XXXX XXXX XXXX XXXX XXXX XXXX XXXX  
 ETC.

/DOUBLE DOLLAR SIGN/  
 - END OF GENERIC FORMAT -

PRECIPITATION PROBABILITY 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

/NAME/  
XXXX XXXX XXXX XXXX XXXX XXXX XXXX XXXX XXXX XXXX XXXX XXXX XXXX  
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. /CONUS/ AT THE FOLLOWING: /LEAD  
TIMES ARE AGAIN INDICATED BY THE LAST LETTER IN THE AWIPS ID/:

FOR	WMO HEADINGS	AWIPS IDS
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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 WEBSITE AT /USE LOWER CASE/:

[HTTP://WWW.CPC.NCEP.NOAA.GOV/PRODUCTS/FORECASTS/](http://WWW.CPC.NCEP.NOAA.GOV/PRODUCTS/FORECASTS/)

FOR FURTHER INFORMATION...CONTACT:

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CLIMATE PREDICTION CENTER  
CAMP SPRINGS MARYLAND  
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NATIONAL SERVICE CHANGE NOTICES ARE ONLINE AT /USE LOWER CASE/:

[HTTPS://WWW.WEATHER.GOV/NOTIFICATION/ARCHIVE](https://WWW.WEATHER.GOV/NOTIFICATION/ARCHIVE)

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