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TECHNICAL IMPLEMENTATION NOTICE 05-06
NATIONAL WEATHER SERVICE HEADQUARTERS WASHINGTON DC
1100 AM EST TUE FEB 1 2005

TO: NATIONAL WEATHER SERVICE /NWS/ OFFICES
FEDERAL AVIATION ADMINISTRATION /FAA/ CUSTOMERS
FAMILY OF SERVICES /FOS/ SUBSCRIBERS
OTHER CUSTOMERS OF NWS AVIATION FORECASTS

FROM: KEVIN L. JOHNSTON
CHIEF...AVIATION SERVICES BRANCH
NWS OFFICE OF CLIMATE...WATER AND WEATHER SERVICES

SUBJECT: NEW FEATURES OF COLLABORATIVE CONVECTIVE FORECAST PRODUCT ASCII
CODED TEXT MESSAGE: EFFECTIVE MARCH 1 2005

NOTE: THE FOLLOWING CHANGES HAVE NO IMPACT ON NOAA WEATHER WIRE SERVICE
SUBSCRIBERS.

EFFECTIVE TUESDAY MARCH 1 2005...THE NWS AVIATION WEATHER CENTER /AWC/ IN
KANSAS CITY MISSOURI WILL IMPLEMENT NEW FEATURES TO THE COLLABORATIVE
CONVECTIVE FORECAST PRODUCT /CCFP/ AMERICAN STANDARD CODE FOR INFORMATION
INTERCHANGE /ASCII/ CODED TEXT MESSAGE /ACM/.

THE EFFECTIVE DATE OF THIS CHANGE IS SOONER THAN SPECIFIED BY NWS POLICY
/NWS INSTRUCTION 10-1805/. THE REDUCTION OF THE NORMAL ADVANCE LEAD TIME
IS A RESULT OF FEDERAL AVIATION ADMINISTRATION /FAA/ REQUIREMENTS FOR THE
NEW CCFP GRAPHICS TO BEGIN ON MARCH 1 2005. USERS SHOULD NOT HAVE TO MAKE
SIGNIFICANT ADJUSTMENTS TO ACCOMMODATE THE CHANGE.

CHANGES TO THE ACM INCLUDE THE FOLLOWING:

- CCFP WILL NOW HAVE TWO FORECAST CONFIDENCE INTERVALS INSTEAD OF THREE.
BOTH THE LOW AND HIGH CONFIDENCE INTERVALS WILL HAVE DIFFERENT CONFIDENCE
RANGES BUT WILL REMAIN THE SAME IN THE ACM.
- ADDITION OF A NOTIFICATION MESSAGE INDICATING IF CANADIAN INPUT IS USED
FOR THE CCFP. THE CANADIAN FLAGS ARE:

CANADA ON
CANADA OFF

THE CCFP ACM IS A TEXTUAL REPRESENTATION OF EXPECTED CONVECTIVE OCCURRENCE
AT 2-...4- AND 6-HOURS AFTER ISSUANCE TIME. CONVECTION IS DEFINED AS A
POLYGON OF AT LEAST 3000 SQUARE MILES WITH COVERAGE OF AT LEAST 25 PERCENT
WITH ECHOES OF AT LEAST 40 DBZ COMPOSITE REFLECTIVITY AND AT LEAST ONE
ECHO TOP OF 25000 FEET OR GREATER. CCFP COVERS THE CONTIGUOUS 48 UNITED
STATES AND PORTIONS OF ONTARIO CANADA AND QUEBEC CANADA SOUTH OF 48
DEGREES NORTH LATITUDE.

THE AWC ISSUES THE CCFP 11 TIMES A DAY...EVERY TWO HOURS...FROM 0800 COORDINATED UNIVERSAL TIME /UTC/ THROUGH 0400 UTC STANDARD TIME...AND FROM 0700 UTC THROUGH 0300 UTC DAYLIGHT TIME. NO AMENDMENTS ARE ISSUED.

THE WORLD METEOROLOGICAL ORGANIZATION /WMO/ HEADINGS AND ADVANCED WEATHER INTERACTIVE PROCESSING SYSTEM /AWIPS/ ID FOR THE CCFP ACM ARE AS FOLLOWS:

WMO HEADING	AWIPS ID
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FAUS27 KKCI	CFP01
FAUS28 KKCI	CFP02
FAUS29 KKCI	CFP03

THE CCFP ACM IS AVAILABLE THROUGH:

- THE SATELLITE BROADCAST NETWORK /SBN/ NOAAPORT CHANNEL.
- NATIONAL WEATHER SERVICE FILE TRANSFER PROTOCOL /FTP/ SERVERS AT /USE LOWER CASE EXCEPT FOR THE FOLLOWING CAPITAL LETTERS: SL...DF...DC AND DS/:

<FTP://TGFTP.NWS.NOAA.GOV/SL.US008001/DF.C5/DC.TEXTF/DS.CFPFA/>

NOTE: THERE WILL NOT BE A CCFP ACM AT THIS ADDRESS UNTIL THE CCFP IS PRODUCED.

- THE FAMILY OF SERVICES /FOS/ HIGH RESOLUTION DATA SERVICE AND SERVER ACCESS SERVICE.

THE GRAPHICAL REPRESENTATION OF THE CCFP WILL ALSO CHANGE. FOR INFORMATION ON THE NEW CCFP GRAPHIC...PLEASE REFERENCE THE PRODUCT DESCRIPTION DOCUMENT AT THE FOLLOWING WEBSITE /USE LOWER CASE/:

<HTTP://AVIATIONWEATHER.GOV/PRODUCTS/CCFP/DOCS/PDD-CCFP.PDF>

ADDITIONAL INFORMATION ON NWS AVIATION PRODUCT DISSEMINATION IS AVAILABLE AT /USE LOWER CASE/:

<HTTP://WWW.WEATHER.GOV/OM/DISEMSYS.SHTML>

TO OBTAIN SAMPLE CCFP ACM DATA...PLEASE CONTACT:

MARC SINGER
METEOROLOGIST
AVIATION WEATHER CENTER
KANSAS CITY MISSOURI
PHONE: 816-584-7241
EMAIL: MARC.SINGER@NOAA.GOV

IF YOU HAVE ANY QUESTIONS REGARDING THE CCFP ACM PRODUCT...CONTACT:

FRED JOHNSON
CHIEF...DOMESTIC BRANCH
AVIATION WEATHER CENTER
KANSAS CITY MISSOURI
PHONE: 816-584-7204
E-MAIL: FRED.JOHNSON@NOAA.GOV

NATIONAL TECHNICAL IMPLEMENTATION NOTICES ARE ONLINE AT /USE LOWER CASE/:

[HTTPS://WWW.WEATHER.GOV/NOTIFICATION/ARCHIVE](https://www.weather.gov/notification/archive)

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