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TECHNICAL IMPLEMENTATION NOTICE 05-06
NATIONAL WEATHER SERVICE HEADQUARTERS WASHINGTON DC
1100 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/ 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 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 WMO HEADINGS AND AWIPS ID FOR THE CCFP ACM ARE AS FOLLOWS:

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

THE CCFP ACM IS AVAILABLE THROUGH...

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

[FTP://TGFTP.NWS.NOAA.GOV/SL.US008001/DF.C5/DC.TEXTF/DS.CFPFA/](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.

3. 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 LETTERS/

[HTTP://AVIATIONWEATHER.GOV/PRODUCTS/CCFP/DOCS/PDD-CCFP.PDF](http://aviationweather.gov/products/ccfp/docs/pdd-ccfp.pdf)

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

<http://www.weather.gov/OM/DISEMSYS.SHTML>

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

MARC SINGER
METEOROLOGIST
AVIATION WEATHER CENTER
7220 NW 101ST TERRACE
ROOM 101
KANSAS CITY MO 64153
PHONE: 816-584-7241
E-MAIL: MARC.SINGER@NOAA.GOV

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

FRED JOHNSON
DOMESTIC BRANCH CHIEF AVIATION WEATHER CENTER
7220 NW 101ST TERRACE
ROOM 101
KANSAS CITY MO 64153
PHONE: 816-584-7204
E-MAIL: FRED.JOHNSON@NOAA.GOV

THIS AND OTHER NWS TECHNICAL IMPLEMENTATION NOTICES ARE AVAILABLE
ONLINE AT /USE LOWER CASE LETTERS/

[HTTP://WWW.NWS.NOAA.GOV/OM/NOTIF.HTM](http://www.nws.noaa.gov/om/notif.htm)

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