

NOUS41 KWBC 311608
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Service Change Notice 14-56
National Weather Service Headquarters Washington DC
1242 PM Fri EDT Oct 31 2014

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From: Mark Zettlemyer
Acting Chief, Aviation Services Branch

Subject: Implementation of the Experimental CDM Convective
Forecast Planning (CCFP) Guidance Effective November 1, 2014
through February 28, 2015.

Effective November 1, 2014, 0000 Coordinated Universal Time (UTC), the NWS Aviation Weather Center (AWC) in Kansas City, MO, will begin the issuance of the experimental CDM Convective Forecast Planning guidance. The experimental CDM Convective Forecast Planning guidance will be produced from numerical model guidance and issued using the World Meteorological Organization (WMO) headers for the Collaborated Convective Forecast Product. The CDM Convective Forecast Planning guidance will be produced experimentally during the period of the year (November through February), when the Collaborative Convective Forecast Product is not available to objectively assess the CDM Convective Forecast Planning guidance in supporting strategic National Airspace System planning.

Currently, the Collaborative Convective Forecast Product is a forecast of expected convective weather valid 4-, 6-, and 8-hours after issuance time, produced through a collaborative process involving NWS meteorologists at the Aviation Weather Center (AWC), Center Weather Service Units, and airline industry meteorologists. It is issued every two hours. The CCFP exists as direct support to the strategic, system-wide planning of FAA Traffic Flow Management and is intended to reduce traffic flow disruptions that may be caused by convective weather. The current Collaborative Convective Forecast Product is available March 1 through October 31 each year, covering the conterminous 48 United States and adjacent coastal waters.

Effective November 1, 2014, the experimental CDM Convective Forecast Planning guidance will be issued. The experimental CDM Convective Forecast Planning guidance will be formatted

like the current Collaborative Convective Forecast Product. Since the Collaborative Convective Forecast Product is not produced between November 1, and February 28, the CDM Convective Forecast Planning guidance will provide traffic flow managers with an experimental tool to focus National Airspace System (NAS) strategic planning for any convection during these months. The experimental CDM Convective Forecast Planning guidance will not be collaborated amongst meteorologists. The AWC will automatically generate experimental planning guidance of expected convective weather valid at 2-, 4-, 6-, and 8-hours after issuance, issued every two hours, every day. The addition of this experimental guidance is being made at the request of the Federal Aviation Administration in direct support to the strategic, system-wide planning between FAA Traffic Flow Management and Airline Industry. It is intended to reduce traffic flow disruptions that may be caused by convective weather.

The experimental CDM Convective Forecast Planning guidance will be issued following the current Collaborative Convective Forecast Product format, content, criteria, and availability (other than the additional months of issuance). The experimental CDM Convective Forecast Planning (CCFP) guidance will be issued as four separate ASCII text files under distinct World Meteorological Organization (WMO) headers.

Current CCFP and experimental CDM Convective Forecast Planning guidance WMO Headers:

FAUS27 KKCI - 2 Hour Forecast
FAUS28 KKCI - 4 Hour Forecast
FAUS29 KKCI - 6 Hour Forecast
FAUS30 KKCI - 8 Hour Forecast

The experimental CDM Convective Forecast Planning guidance graphics will be rendered by the NWS and viewable at:

<http://www.aviationweather.gov/ccfp>

Additional information on CCFP can be found at:

<http://www.aviationweather.gov/ccfp/help>

The Product Description Document can be found at:

https://products.weather.gov/PDD/eCCFP_PDD.pdf

Comments will be accepted through February 28, 2015 via the following electronic survey:

<http://www.nws.noaa.gov/survey/nws-survey.php?code=CCFPG>

If you have any questions regarding the experimental CDM
Convective Forecast Planning (CCFP) guidance, contact:

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National Technical Implementation Notices are online at:

<http://www.weather.gov/om/notif.htm>

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