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Public Information Statement 17-08 Updated
National Weather Service Headquarters Silver Spring MD
825 AM EST Wed Feb 15 2017

To: Subscribers:
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From: William Bauman
 Chief, Aviation and Space Weather Services Branch

Subject: Updated: Soliciting Public Comments through October 31, 2017, on
Changes to the Legacy Collaborative Convective Forecast Product (CCFP)

Updated subject line to correctly identify legacy product name as
Collaborative Convective Forecast Product (CCFP).

Effective at 1930 Coordinated Universal Time (UTC) on February 15, 2017,
the NWS Aviation Weather Center (AWC) in Kansas City, MO will begin
production of the Traffic Flow Management (TFM) Convective Forecast (TCF).
TCF is a high confidence graphical representation of forecasted convection
meeting specific criteria of coverage, intensity, and echo top height.

From March 1 through October 31, the TCF will be collaboratively produced
by meteorologists at the AWC in Kansas City and embedded at the Federal
Aviation Administration (FAA) Air Traffic Control System Command Center
(ATCSCC) in Warrenton, VA, at the Center Weather Service Units (CWSUs)
embedded at the FAA's Air Route Traffic Control Center (ARTCC) and at
various airlines and authorized organizations. NWS is soliciting public
comments on these changes through October 31, 2017.

The TCF graphics are produced every two hours, 24 hours a day and valid at
4-, 6-, and 8-hours after issuance time. The TCF domain is the Flight
Information Regions (FIR) covering the 48 contiguous states (CONUS) and
adjacent coastal waters. It also includes the Canadian airspace south of
a line from Thunder Bay, Ontario to Quebec City, Quebec. The Canadian
portion of the forecast is available from April 1 through September 30.

The TCF is used by air traffic management decision makers in support of
convective weather mitigation strategies within the National Airspace
System. The TCF is designed to meet the needs of TFM decision makers at
the ATCSCC, ARTCC Traffic Management Units (TMU), and airline and
corporate Flight Operations Centers. The TCF issuance supports the FAA's
Strategic Planning Webinar.

The CCFP, generated through October 2014, had been the scheduled
Collaborative Decision Making (CDM) product for over 10 years. The FAA
identified an operational need to supplement the CCFP with an event-
driven, collaborative forecast product, resulting in the Collaborative

Aviation Weather Statement (CAWS) and automated CDM Convective Forecast Planning guidance.

Over the past two years, the FAA, NWS, and airline industry conducted an Operational Demonstration of the CAWS and CCFP. The results of this operational demonstration led to the evolution of the CCFP requirements. The CCFP is being renamed as the TCF and replaces the production and dissemination of the CAWS and CCFP. The TCF provides the meteorological information necessary to meet the needs of the FAA pursuant to Title 49 United States Code Section 44720.

TCF dissemination:

Posted on the AWC website by February 16, 2017:

<http://www.AviationWeather.gov/tcf>

NWS Telecommunications Gateway

FAA Traffic Situation Display (TSD)

The Product Description Document can be found at:

<http://products.weather.gov/PDD/TCFPDD.pdf>

NWS is accepting comments on these changes through October 31, 2017 via the online survey below:

www.nws.noaa.gov/survey/nws-survey.php?code=TFMTCF

For further information, please contact:

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National Public Information Statements are online at:

<https://www.weather.gov/notification/archive>

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