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Technical Implementation Notice 16-39  
National Weather Service Headquarters Washington DC  
730 AM EDT Thu Oct 27 2016

To:           Subscribers:  
              -NOAA Weather Wire Service  
              -Emergency Managers Weather Information Network  
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              Other NWS Partners, Users and Employees

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

Subject: Operational Implementation of Aviation Weather Center (AWC)  
Impacts Terminal Aerodrome Forecast (TAF) Board: Effective November 28,  
2016

Effective November 28, 2016, the NWS Aviation Weather Center's (AWC's)  
Impacts Terminal Aerodrome Forecast (TAF) Board will transition from  
experimental to operational status.

The AWC Impacts TAF Board is a time series display at airports designed to  
highlight forecasted significant weather impacts on the National Airspace  
System (NAS) across the United States. The purpose of the TAF Board is to  
enable the aviation community to quickly ascertain the specific impacts at  
key airports across the United States based on the TAF.

Each box (hourly forecasts from TAF) is color-coded based on the level and  
potential impact of weather hazards, while using thresholds specific to  
each airport.

White: no impact  
Yellow: slight impact  
Orange: moderate impact  
Red: high impact

The letters in the box represent the cause of the impact:

-CIG: Ceiling (hundreds of feet, Above Ground Level (AGL))  
-VIS: Visibility (statute miles)  
-WX: Weather (see legend)  
-WSpd: Wind speed (knots)  
-WGust: Wind gusts (knots)

More detailed information can be found for each site by clicking on the  
station identifier. This data assists dispatchers and air traffic  
managers with flight planning, while also supporting situational awareness  
and operational decision making.

The AWC Impacts TAF Board is also meant to consolidate pre-existing  
situational displays into a single, authoritative source. As a result,

the following experimental webpages will be discontinued when the Impacts TAF Board is operationally implemented:

<http://www.aviationweather.gov/taf/tda>

<http://www.aviationweather.gov/trafficflowmgmt/tda>

The AWC Impacts TAF Board will be available at:

<http://testbed.aviationweather.gov/taf/board>

The Product Description Document can be found at:

<http://products.weather.gov/PDD/TAF Board.pdf>

For questions regarding the Impacts TAF Board, please contact:

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National Technical Implementation Notices are online at:

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

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