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Public Information Statement Updated
National Weather Service Headquarters Silver Spring MD
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From: Bruce Entwistle
 Chief, Aviation and Space Weather Services Branch

Subject: Updated: Comment Period Extended until April 18, 2019 for the
Experimental Gate Forecast

Updated to extend the comment period through April 18, 2019.

The NWS Aviation Weather Center (AWC) in Kansas City, MO will continue to provide the Gate Forecast to users on an experimental basis to solicit feedback. The Experimental Gate Forecast is an online display of a decision algorithm that uses the High-Resolution Rapid Refresh (HRRR) model to determine potential thunderstorm activity in a particular terminal arrival or departure sector. Functionality has been updated to allow selected NWS meteorologists the capability to login and edit the time periods displayed. Algorithm enhancements have also been implemented to produce the forecast.

The product display overlays the sector boundaries on the current radar loop. The sectors are color-coded with the current gate status using a three-tiered approach:

- Green: no significant weather
- Yellow: some significant weather that may affect some portions of the gate
- Red: significant weather that could affect large portions of the gate.

Around each gate is an icon with the gate name and the forecasts for the next nine hours. Clicking on the icon will bring up a dialog box that shows the percent coverage of low and high thunderstorm probability, the three HRRR runs used in the forecast, and the time of the last update.

The Experimental Gate Forecast is available at:

<http://testbed.aviationweather.gov/trafficflowmgmt/gate>

The Federal Aviation Administration (FAA), pursuant to Title 49 United States Code Section 44720, established requirements for this weather information and service necessary for the safe and efficient conduct of operations in the National Airspace System (NAS). The Product Description Document can be found at:

http://products.weather.gov/PDD/GateForecast_PDD_Exp.pdf

Upon a successful evaluation and transition to operational status, the NWS is proposing to discontinue the legacy CWSU TRACON Gate forecasts in favor of the Gate forecasts hosted by AWC. Information on legacy Gate products to be discontinued can be found at:

-TRACON Approach and Departure Gate Forecast for Convection:

https://nws.weather.gov/products/PDD/NationalTRACON_PDD.pdf

-NWS Southern Region TRACON Approach and Departure Gate Forecast Product:

https://nws.weather.gov/products/PDD/SR_CWSR_TRACON_Gates_op_PDD.pdf

Comments on the experimental Gate forecast and discontinuation of legacy products will be accepted through April 18, 2019, via the following electronic survey:

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

If you have any questions regarding the experimental Gate Forecast, contact:

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

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