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PNSWSH

Technical Implementation Notice 12-31  
National Weather Service Headquarters Washington DC  
350 PM EDT Fri Jun 22 2012

To: National Weather Service (NWS) Offices  
Federal Aviation Administration (FAA) Customers  
Family of Services (FOS) Subscribers  
Other Customers of NWS Aviation Forecasts

From: Cynthia Abelman  
Chief, Aviation Services Branch

Subject: Ceiling and Visibility Analysis Product to Become  
Operational Effective July 24, 2012.

Note: The following changes have no impact on NOAA  
Weather Wire Service subscribers

Effective July 24, 2012, at 1800 Coordinated Universal Time  
(UTC), the NWS Aviation Weather Center in Kansas City, MO, will  
make the Ceiling and Visibility Analysis (CVA) operationally  
available on the Aviation Digital Data Service (ADDS) Website.

CVA presents simplified area maps of ceiling, visibility and  
flight category outlined as:

Ceiling estimates are displayed as

- (i) Possible Terrain Obscuration (pale orange) for ceilings less than 200 ft agl,
- (ii) less than or equal to 1000 ft agl (pale yellow) from 200 to 999 ft, agl, and
- (iii) 1000 ft agl or greater (pale blue).

Visibility estimates are displayed as

- (i) less than 3 miles (pale yellow), and
- (ii) 3 miles or greater (pale blue).

CVA is intended to accompany other aviation weather products such as METARS, AIRMETS, TAFs and Area Forecasts to help the general aviation pilot (particularly the VFR-only pilot) avoid IFR conditions. To remain current in rapidly changing conditions, CVA is updated every 5 minutes using the latest observations. The use of CVA should be followed by further examination of METARS, TAFs, AIRMETS, Area Forecasts and other weather information.

CVA primarily is intended to help the general aviation pilot; however, CVA's quick-glance overview of ceiling and visibility conditions can be useful to others involved in flight planning or

weather briefing.

CVA initially will be available only via the ADDS website at:

<http://www.aviationweather.gov/adds/cv>

For questions regarding the new CVA product, contact:

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NWS Technical Implementation Notices are online at:

<http://www.nws.noaa.gov/om/notif.htm>

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