



Version 4.0 of Wx24 Pilot Just Released

Newest version now provides cloud cover information throughout US

DOWNERS GROVE, ILLINOIS, UNITED STATES, January 17, 2018 /EINPresswire.com/ -- The newly released version 4.0 of [Wx24 Pilot](#) is a major upgrade to this innovative aviation weather app. A key feature of the new version is the addition of cloud cover information provided by the National Digital Forecast Database (NDFD).

Although NDFD is not an aviation specific weather product, it does provide pilots with an important tool to access cloud information and the ability to make more informed judgments of weather conditions. In addition, NDFD fills in the gaps of weather information for hundreds of smaller airports without TAFs (Terminal Airport Forecast) within the US.

Cloud conditions in Wx24 Pilot are represented by eight shades of blue and gray colors, with blue indicating clear sky and lighter to darker shades of gray representing the extent of cloud cover. A new icon in the lower navigation panel of the app toggles between flight categories (i.e. VFR, MVFR, IFR, LIFR) and NDFD cloud cover.

Cloud cover provides information that enhances a pilots understanding of enroute conditions beyond just flight categories. For example, a cross country flight with VFR conditions forecast enroute, tells pilots that cloud ceilings are not below 3,000 feet. But, what about at 6,500 feet? Will the pilot encounter solid overcast and IFR conditions at this altitude? Wx24 Pilot now gives pilots the critical information to determine whether there are clear skies or clouds enroute. In addition, with Wx24 Pilot's interactive time slider, a pilot can also view the direction of cloud coverage over time.

To illustrate this point, we have provided [screen captures](http://wx24pilot.com/wp-content/uploads/2018/01/fc-vs-cc-MapView-PR@1x.png) (<http://wx24pilot.com/wp-content/uploads/2018/01/fc-vs-cc-MapView-PR@1x.png>) of a flight between DuPage Airport, Illinois (KDPA) and St. Pete Airport, Florida (KPIE). The screen capture on the left predicts VFR conditions (green) at the time the flight will pass over airports enroute. However, the screen capture on the right warns the pilot to expect cloudy conditions when flying over Tennessee and Kentucky.

“This latest version of Wx24 Pilot provides a significant safety benefit for pilots. With the new cloud cover feature, a VFR pilot can now determine not only if it's legal to fly, but whether it's safe!” commented Paxton Calvanese, the app's developer. “The airports along a given flight path may be reporting VFR conditions, but may in fact be solid overcast at 4,500 feet. With the Wx24 Pilot a pilot can determine if there are clear skies (blue color) or overcast conditions (gray color) during flight,” continued Paxton.

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About Wx24 Pilot – the Aviation Weather Simplified app.

This revolutionary Wx24 Pilot aviation weather app frees pilots from the traditional, time-consuming task of weather analysis. The app summarizes the weather forecast in a real-time, color-coded visual graphic that allows pilots to quickly stay abreast of changing weather conditions at a glance. Most importantly, it allows the pilot to flag up to 18 different weather conditions against a pilot's personal minimums and activates grey-coded alerts (when to fly cautiously) and black-coded warnings (when you should not fly).

The Wx24 Pilot app provides weather summaries for both VFR and IFR, and for every range of flying competency — from student to ATP. The app displays five main weather features in a single view: METARs, TAFs, TFRs, PIREPs and AIR/SIGMETs. Instead of the typical map view or text weather report, Wx24 Pilot displays a large, colorful circle of concentric rings, each representing pertinent aspects of weather along the aircraft's flight path. In the app's linear timeline view, pilots can view weather along the plotted course at multiple airports along the way, making it easy to see at a glance what the current ceiling, visibility, wind and other weather conditions are, as well as over the next 24 hours. Each of these weather conditions can be programmed to give warnings if they fall below a pilot's personal minimums.

To find out more about the Wx24 Pilot app, visit the app website: www.wx24pilot.com. On the website, you can watch tutorial slides and videos, and delve further into its many features. The Wx24 Pilot is an IOS app developed for the iPhone and iPad and is available for [download](#) from iTunes. There is a free, three-week trial available for new users of the Wx24 Pilot app.

About Paxton Calvanese – The Wx24 Pilot Developer.

Paxton Calvanese, owner and CEO of 1 Echo Charlie, LLC, developed Wx24 Pilot in 2015 and has been continuously updating and improving the app ever since. Paxton's unique blend of technical and creative talent as a software developer, pilot and photographer allows him to provide simplified visual solutions to complex data problems and makes him highly sought after as a digital solutions provider. As Paxton likes to say, "Making things simple is quite complex." His distinctive talent, love of aviation and frustration with traditional weather analysis tools was the genesis for the creation of the Wx24 Pilot app.

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