Belfort Instrument Company

Summer FPAW Surface Observation Panel

Future Applications

August 8, 2012
The majority of General Aviation flying takes place within a 500 or 600 mile radius on the home airport.

Having a 90 to 180 minute forecast at the destination airport would be extremely beneficial to the GA community.
• Adding Artificial Intelligence (IA) to the AWOS to develop a Nowcasting capability could provide a 90 to 180 minute forecast for that local airport.

• Using NWS models, Persistence, the local AWOS database, and AI a very local Nowcast might be possible.

**DigiWx Advisor™**
• [www.Airportone.com](http://www.Airportone.com) has developed, and has placed in several airports, the Airport Virtual Assistant.

• The AVAS “Avatar’ uses artificial intelligence (AI) to provide information and answer questions for the flying public.

• Why can’t some of this AI be adopted into the AWOS for short term NowCasting?
The Wright Brothers relied on us.
December 17, 1903—Weather Station #6, Kitty Hawk, NC—Wind NE at 21 mph

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