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***Gridded Aviation Performance and Model Blends at WFO Marquette Michigan***

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When the Weather Forecast Office (WFO) in Marquette, Michigan started their transition to producing Terminal Aerodrome Forecasts (TAFs) from aviation grids over 3 years ago, one of their first steps was to develop a blend of models that could be used by the forecasters for a first guess in their TAF creation. The forecasters at WFO Marquette, MI have found this blend to be useful in their TAF forecast process, with many of them now using the blend as their starting point. This presentation will provide an overview of their locally developed model blends, along with a look at the gridded verification for individual models and local blends. As shown in a presentation during GLOMW 2013, verification continues show skill with synoptic systems. In addition, recent verification demonstrates locally tuned model blends outperform the office's TAF verification during IFR or lower ceilings.