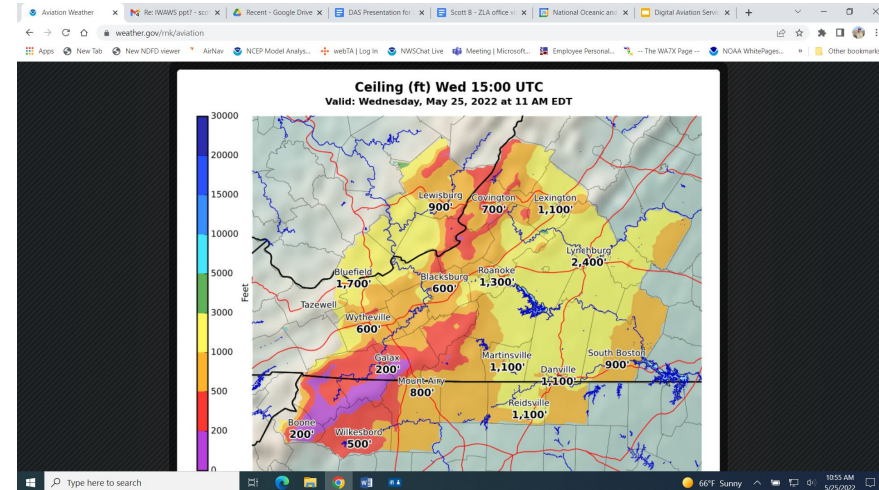


Digital Aviation Services

What's New With the Service?

Digital Aviation Services (DAS) Topics

- DAS Guidelines, Grid Definitions and Collaboration Criteria
- DAS Formatter and Smart Tools Team
- Experimental Aviation Grids Evaluation
- NDFD Completeness Graphics
- Summary and Future Plans



DAS Guidelines, Grid Definitions and Collaboration Criteria



- The guidelines are for CONUS offices, at this time
- The aviation grids will be updated every 6 hours at a minimum
- DAS grids will be used to help construct routine TAFs - strive for consistency
 - During busy weather situations, when it is necessary to amend a TAF, the primary focus should be to update the text TAF. For short duration/mesoscale events, forecasters should amend the text TAF first (high priority); and amend the grids when time is available. If there is a major update needed, the grids should be updated as soon as time and resources allow.
- DAS Grids will be produced or interpolated to be at hourly temporal resolution.
- Missing grids will be supplemented by the NBM

Note: For NWS folks: if you have not seen the guidelines and would like a copy - please reach out to your respective RAM

DAS Formatter and Smart Tool Team

Goal to improve formatter output and streamline tools and procedures

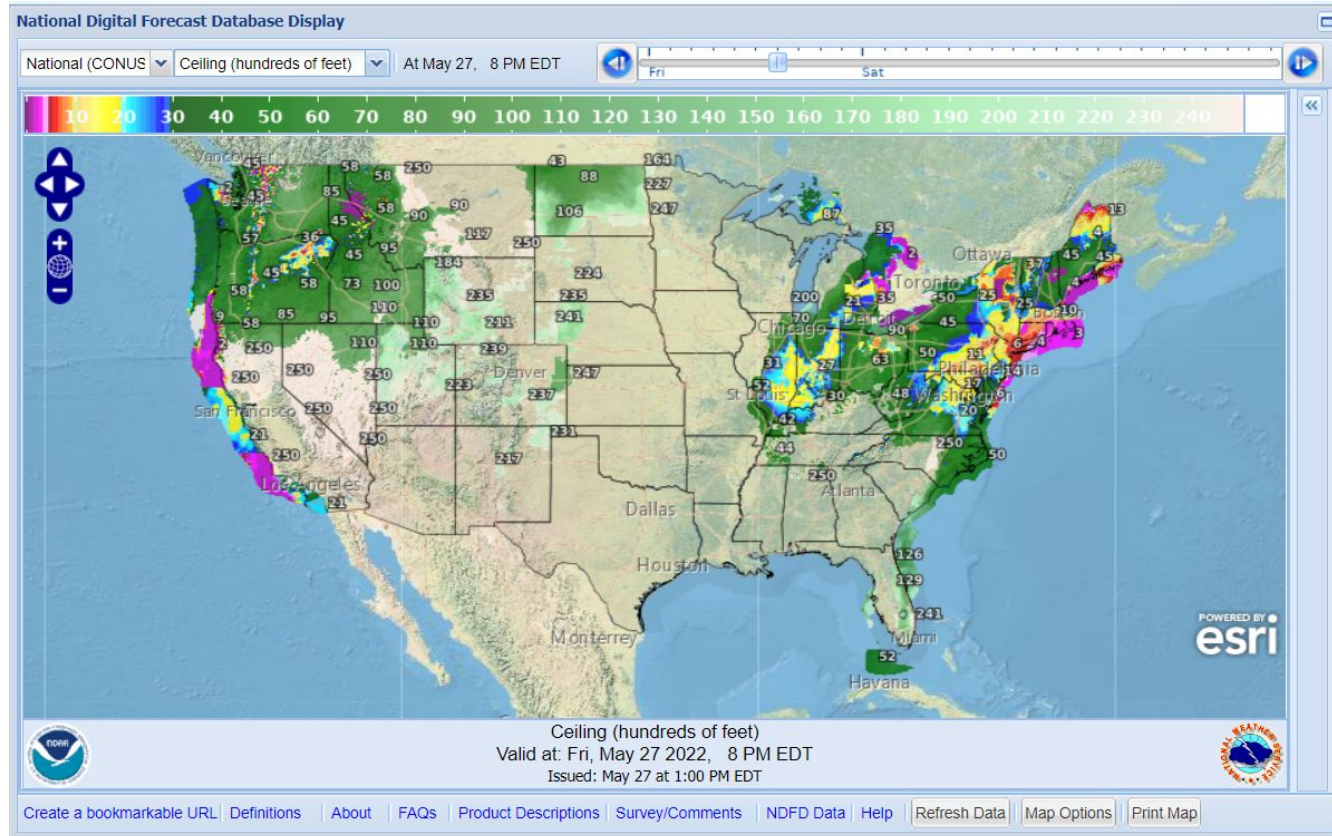
- Effort to improve and implement consistent Weather Rules
- Work with AWC/NBM to improve model guidance
- Serve as SMEs for OPG/AWC experiment to evaluate potential WFO/AWC workflow
- Serve as SMEs for potential policy changes



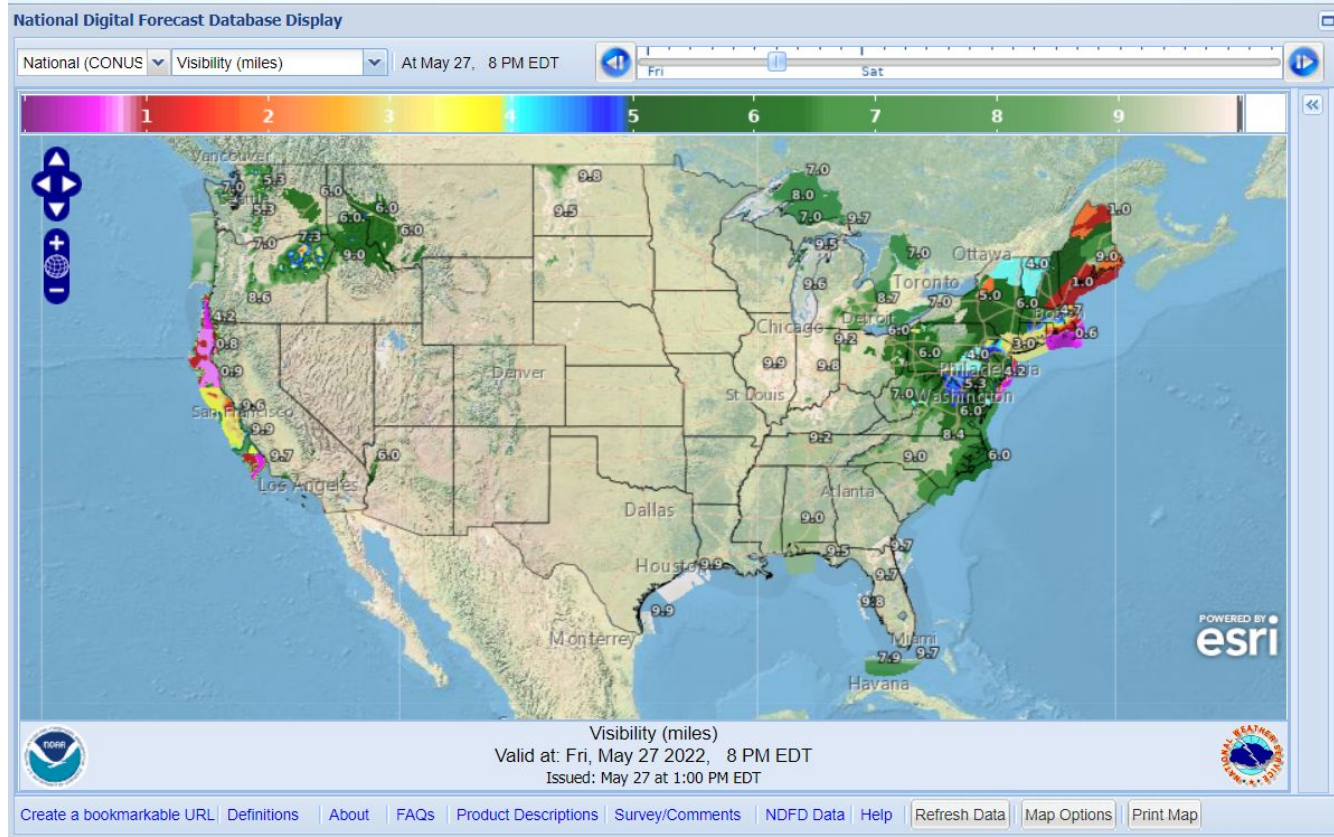
Experimental Aviation Grids Evaluation

- Public Information Statement (PNS) sent on May 23, 2022
 - “Soliciting Comments on the Experimental Implementation of Ceiling, Visibility, and Low Level Wind Shear (LLWS) Grids in NDFD from May 23, 2022 through May 23, 2023”
- Visualization of these data will be available on an experimental NDFD map viewer at: <https://digital.mdl.nws.noaa.gov>
- Users (including CWSUs) are encouraged to provide feedback on this experimental Product through the NWS survey at:
<https://www.surveymonkey.com/r/ExpCigVisLLWSGrids>
- Contact your RAM (NWS) or the WFO (pilots, etc) for a copy of the PNS

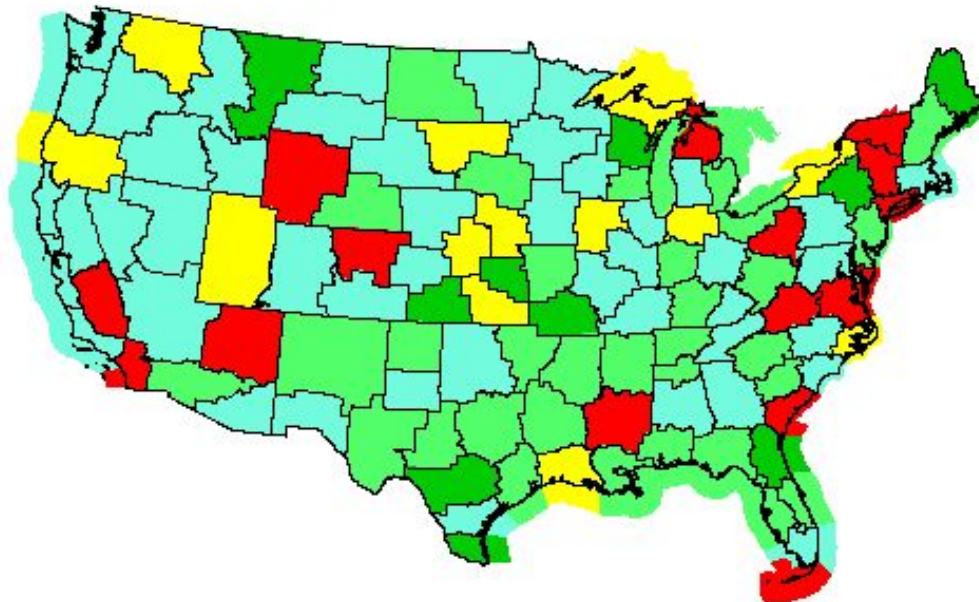
Experimental Aviation Grids on NDFD - Ceiling



Experimental Aviation Grids on NDFD - Visibility



NDFD Completeness Graphics



weekly_completeness_Ceiling Thu May 26 2022 8PM EDT



May 26 8:38PM EDT



Summary and Future Plans

- DAS Guidelines, Grid Definitions and Collaboration Criteria have been disseminated to CONUS offices
- DAS Formatter and Smart Tools Team will continue to work on improvements to the tools, formatter and model guidance for the success of DAS
- Experimental Aviation Grids will be in NDFD for user comment and review through May 2023. Feedback is encouraged through the Survey!
- NDFD Completeness Graphics can be used to help WFOs troubleshoot any issues or concerns
- Aviation Grids on the Web will be a work in progress. Possible team down the road to develop plans and possibilities
- DAS testing will continue between the AWT, OPG and WFOs to get to the figure of the Aviation CFP