

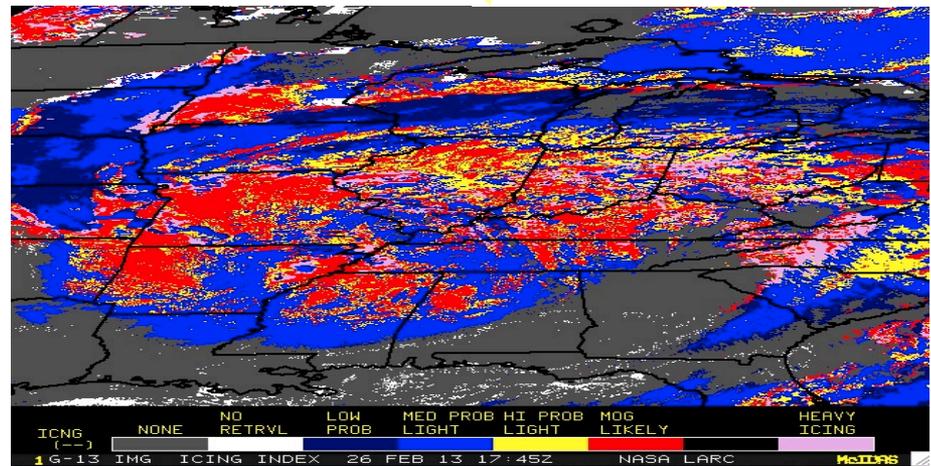


Transitioning the NASA Aircraft Icing Threat Capability to NOAA Operations



- Cloud parameters derived from GOES data help to better define the potential icing threat to aircraft and can improve icing forecasts
- Methods developed at NASA to map satellite cloud retrievals and other information to the icing threat have been validated with icing reports from pilots and from the NTSB
- The plan is to implement the methods in the GOES-R Proving Ground processing system at UW-CIMSS
- Goal is to use GOES-R data to help the aviation community improve in-flight icing avoidance strategies
- Output will be provided to the NWS in AWIPS/AWIPS-2 format

Aviation Weather Center Advisories



GOES Aircraft Icing Threat Imagery will be provided to NWS aviation weather forecasters

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