

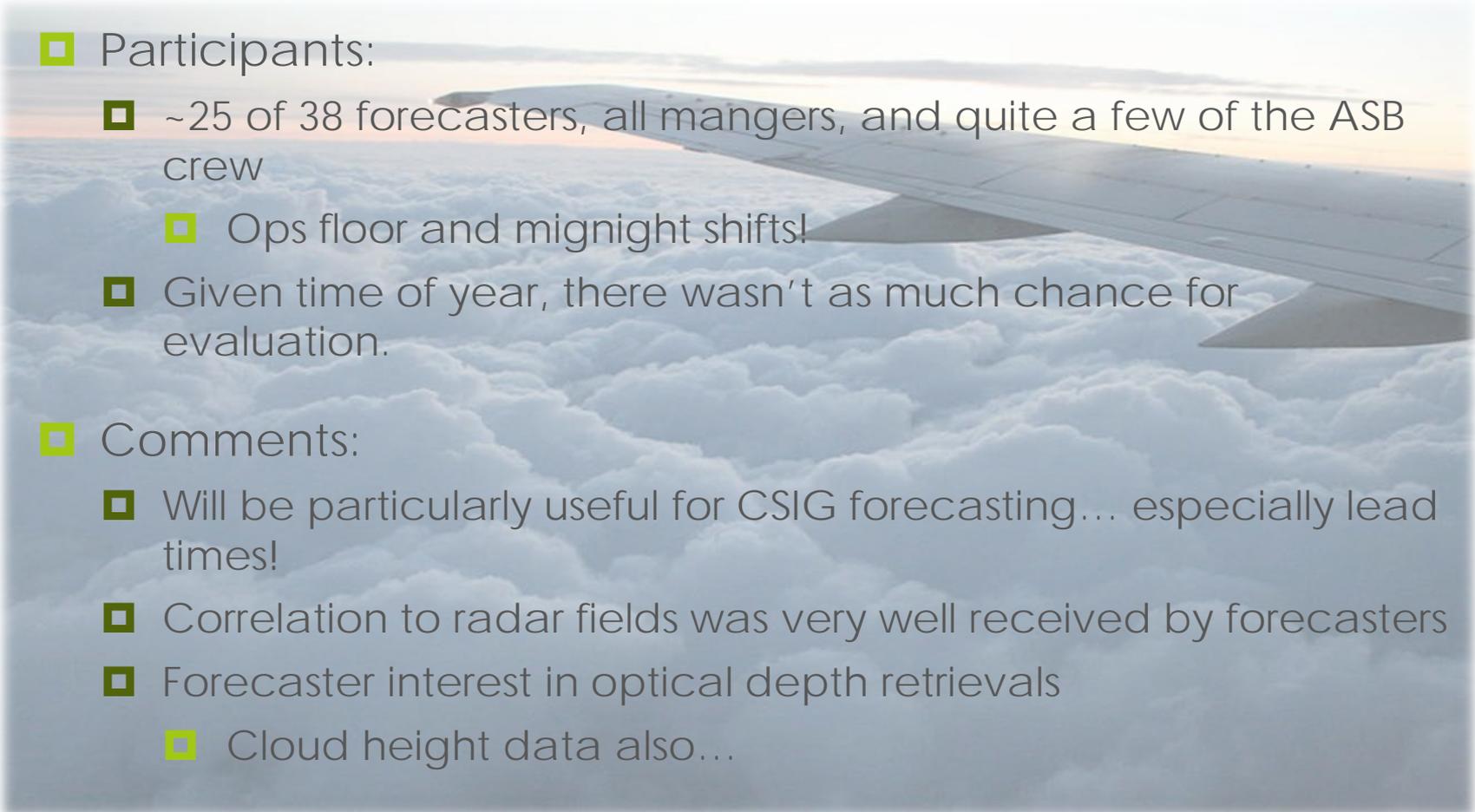


Aviation Weather Center PG

Amanda Terborg



Cloud Top Cooling training



■ Participants:

- ~25 of 38 forecasters, all managers, and quite a few of the ASB crew

- Ops floor and midnight shifts!

- Given time of year, there wasn't as much chance for evaluation.

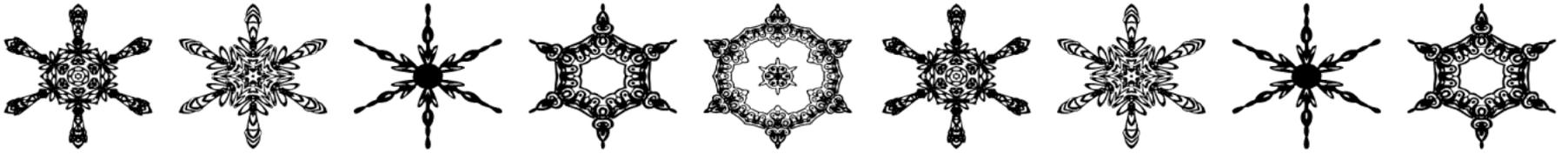
■ Comments:

- Will be particularly useful for CSIG forecasting... especially lead times!

- Correlation to radar fields was very well received by forecasters

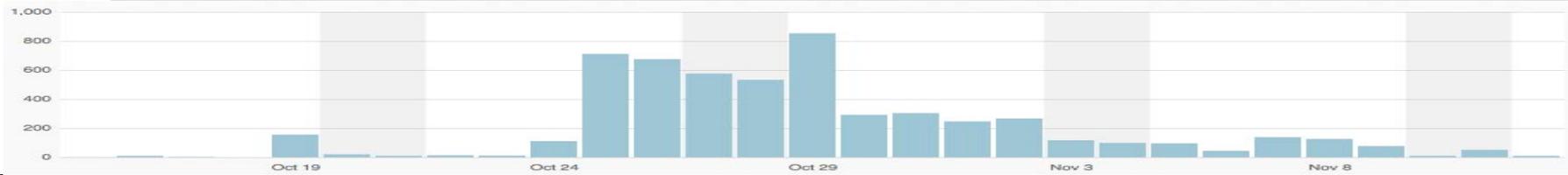
- Forecaster interest in optical depth retrievals

- Cloud height data also...



Winter Experiment 2012

- **Goal:** A smaller, in-house experiment focusing on winter weather aviation hazards (i.e. icing and turbulence)
- **Dates:** 11-22 February
- **Products:**
 - Aircraft Icing Threat
 - Turbulence Risk Assessment
 - NCAR's A-Train tool
- **Participants:** AWC forecasters
- Please note that I would like to get the turbulence and icing products into the testbed by **Dec. 19th** if possible, with **Jan. 4th** as a cutoff date.



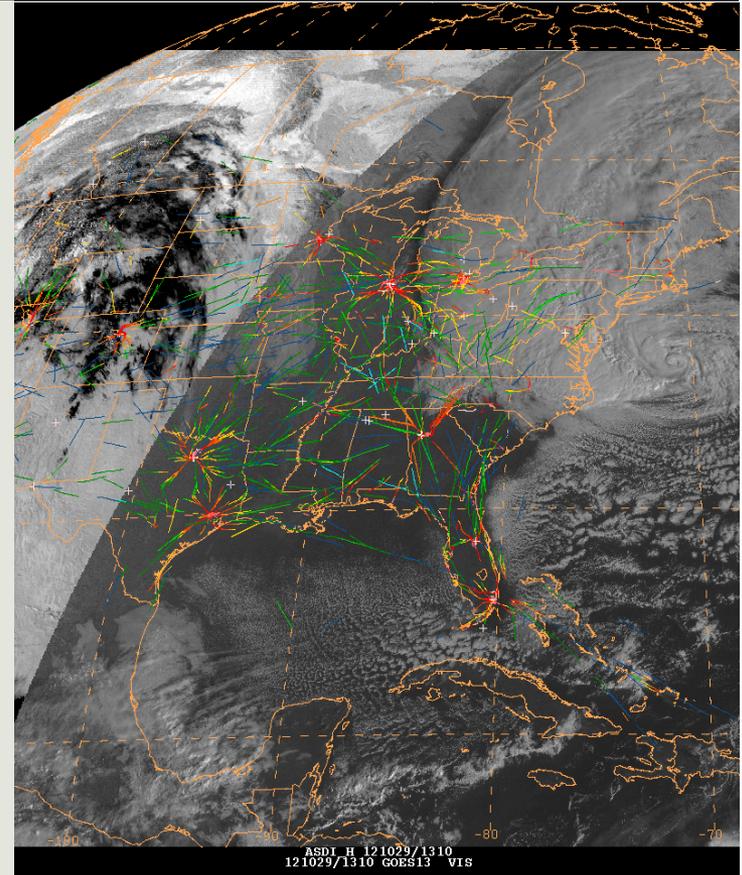
National Centers Perspective!

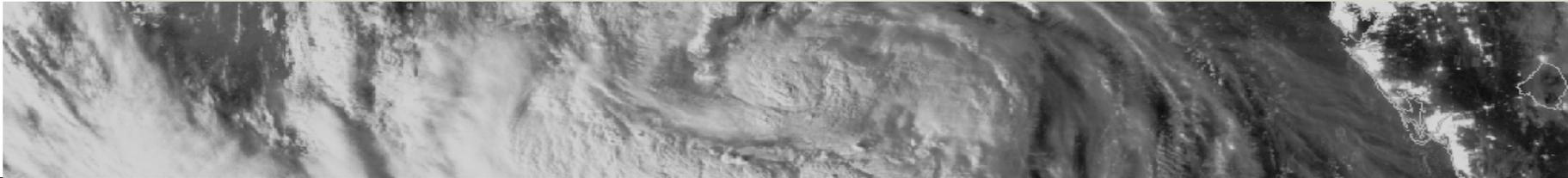
- National Perspectives blog: multiple perspectives from the GOES-R PG, particularly in significant weather events.
- Good opportunity for collaboration between the satellite liaisons as well... thank you, Mike!
- Thus far over 6,500 views and counting, with ~850 on Oct 29th during Sandy.
- Watching Sandy from KC...

From an aviation perspective...

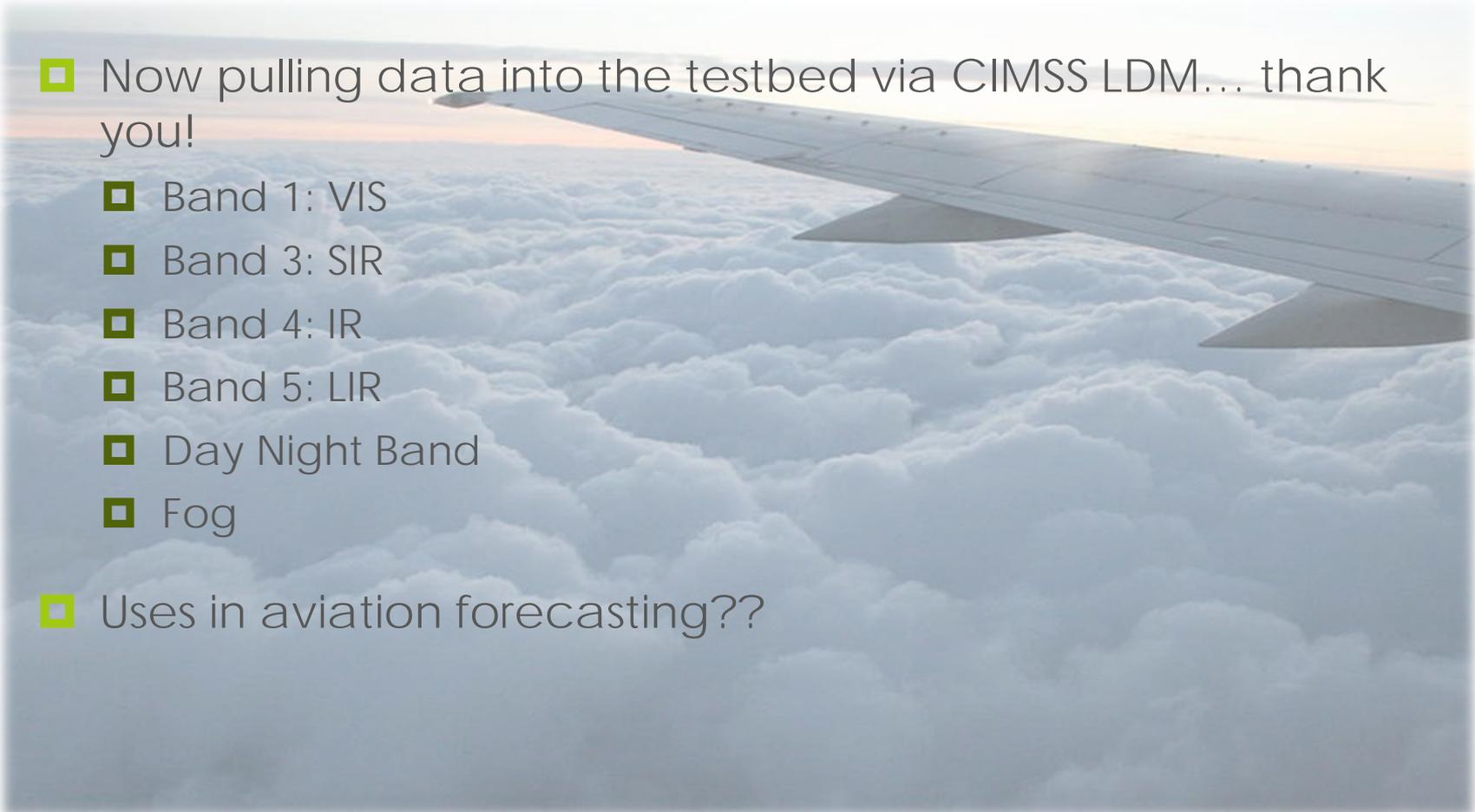
Our NAS before Sandy on the morning of Oct. 28th (right), and after Sandy on the morning of Oct. 29th (left).

The total amount of cancelled flights netted more than 18,000. Estimating 100 passengers per flight, that's 1,800,000 people who didn't get where they were supposed to be going!





VIIRS at AWC

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- Now pulling data into the testbed via CIMSS LDM... thank you!
 - Band 1: VIS
 - Band 3: SIR
 - Band 4: IR
 - Band 5: LIR
 - Day Night Band
 - Fog
 - Uses in aviation forecasting??

- The AWC hosts multiple international aviation forecasters throughout the year.
 - Germany
 - Brazil
 - Taiwan
 - China
 - Korea
- Seeing aviation meteorology from a global perspective.
- Sharing the GOES-R Proving Ground details.





Questions?

Thanks for listening!