

# Local Office Perspective of AWIPSII

Daniel Nietfeld  
Science and Operations Officer  
NOAA/NWS/WFO Omaha, Nebraska

# WFO Omaha History with AWIPSII

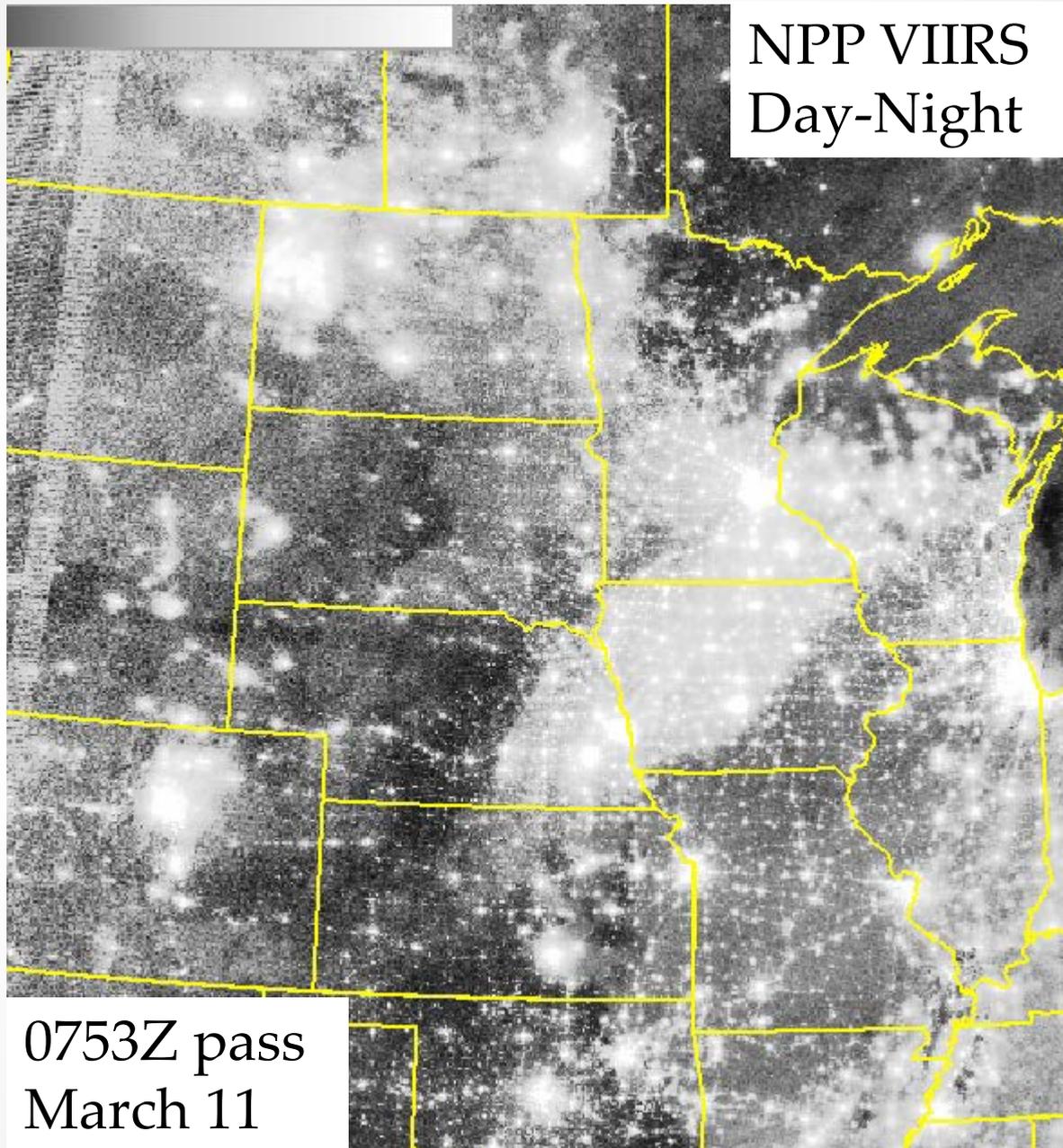
- Collaboration with Raytheon Omaha starting fall 2006
- Installed full AWIPSII side by side with AWIPS1 in July 2011 for parallel OT&E
- Switched over to AWIPSII permanently Nov. 2011
- Continue as a Field OT&E site and ramping up WFO OAX AWIPSII R2O/O2R Testbed

# WFO OAX Immediate Interests...

- Day/Night band
- Low clouds and fog detection
- Convective Initiation
- RGB
- Simulated WRF imagery

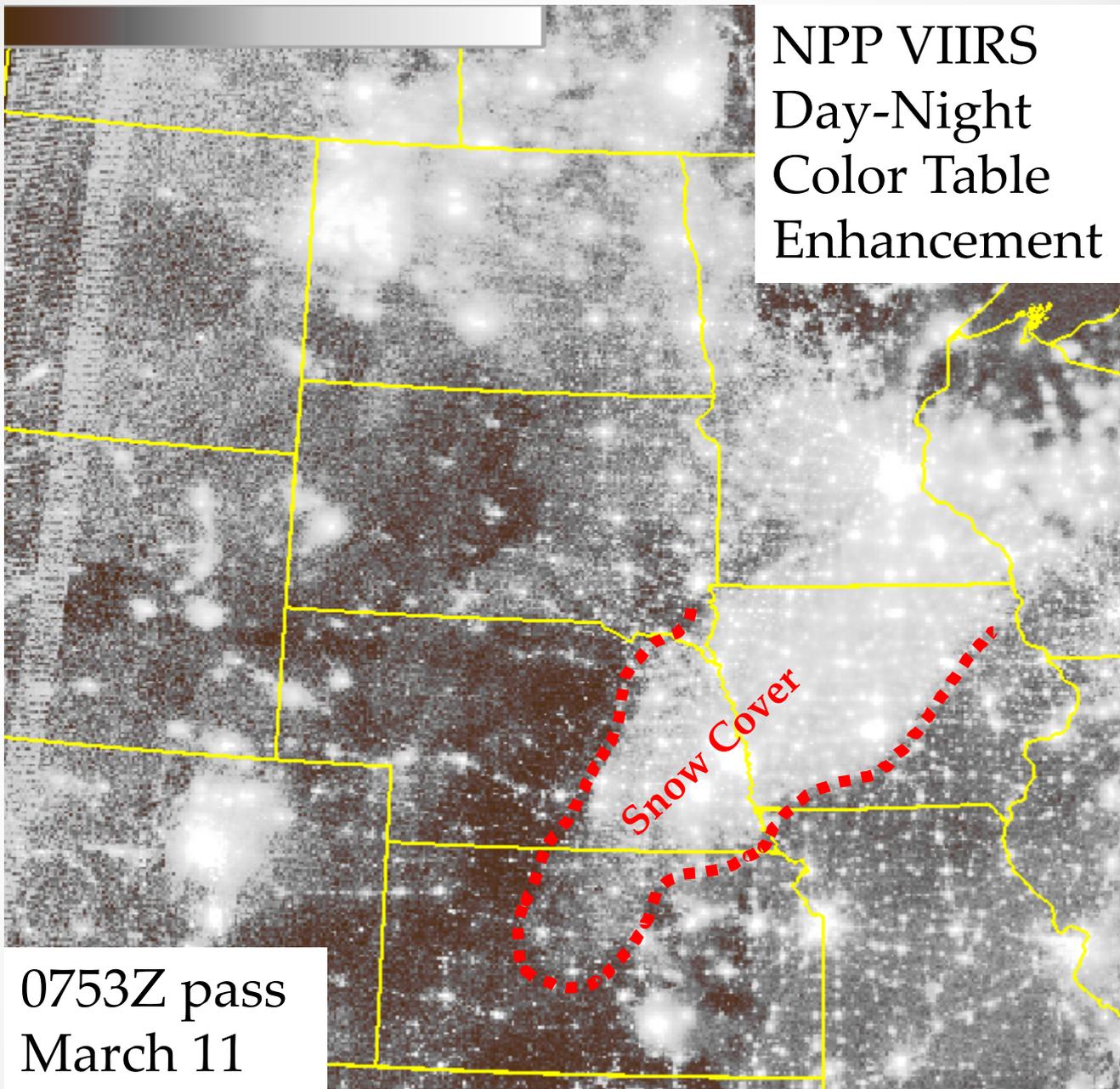
*(All of this is currently available on AWIPS1)*

NPP VIIRS  
Day-Night



0753Z pass  
March 11

NPP VIIRS  
Day-Night  
Color Table  
Enhancement

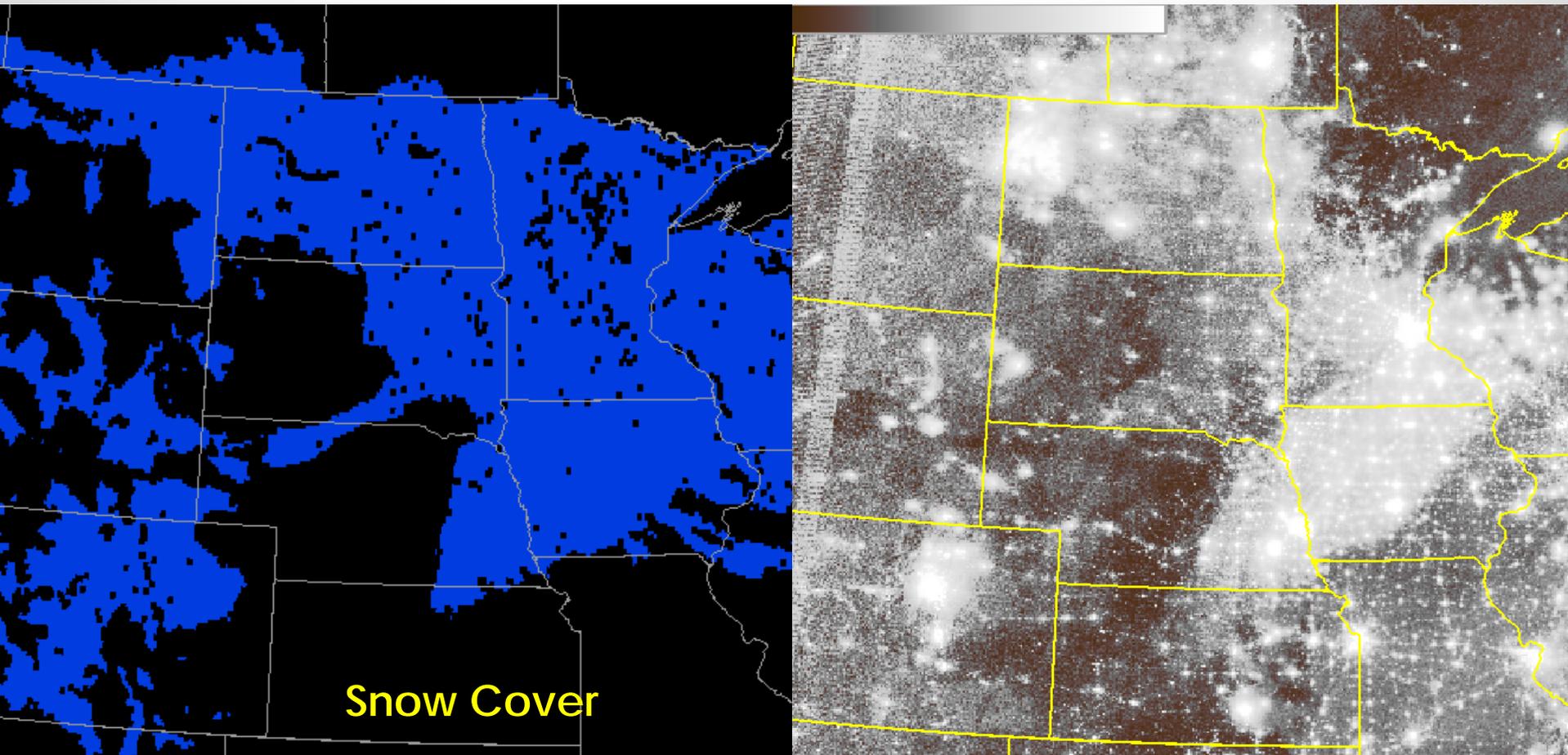


0753Z pass  
March 11

Snow Cover

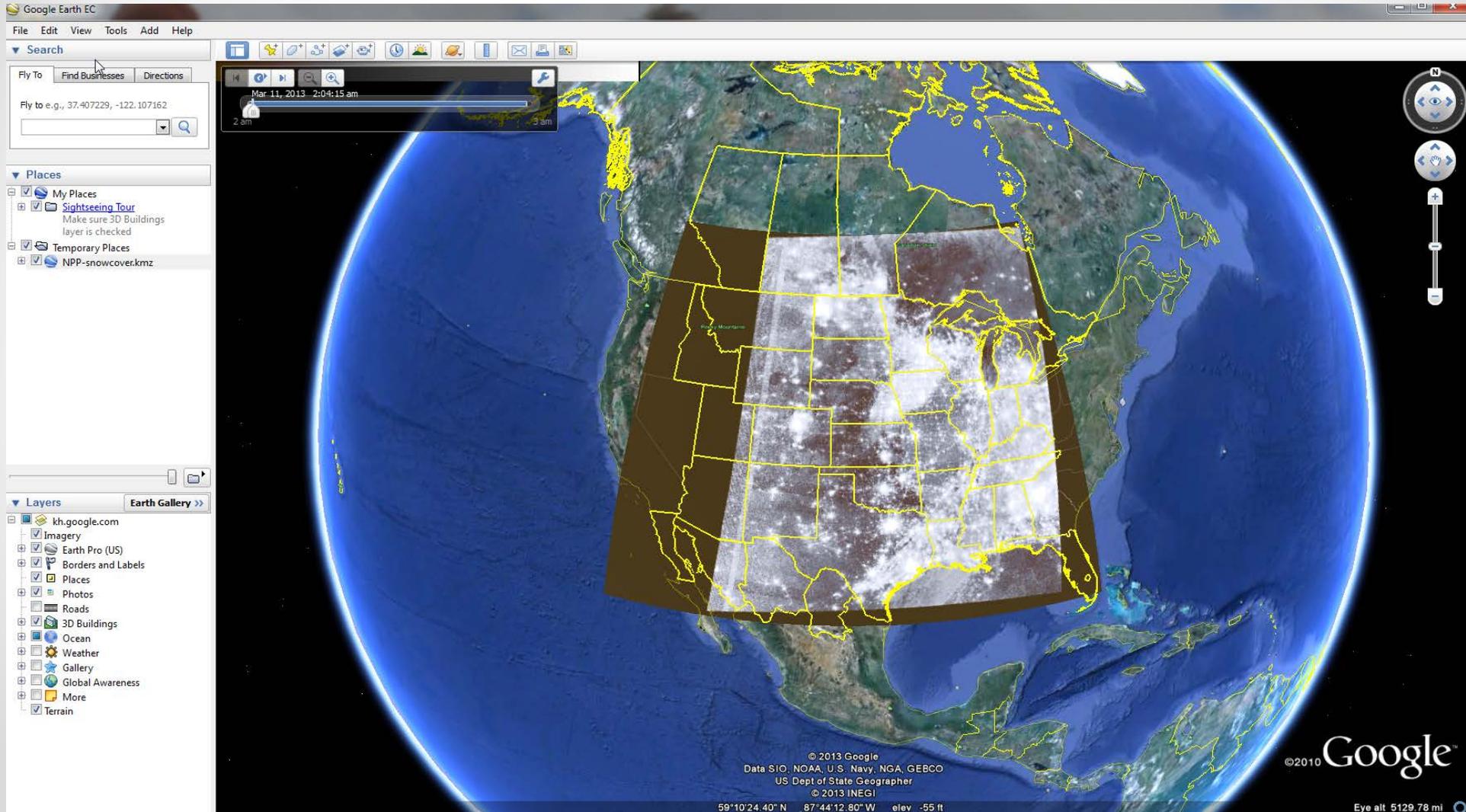
# NOHRSC

# NPP VIIRS

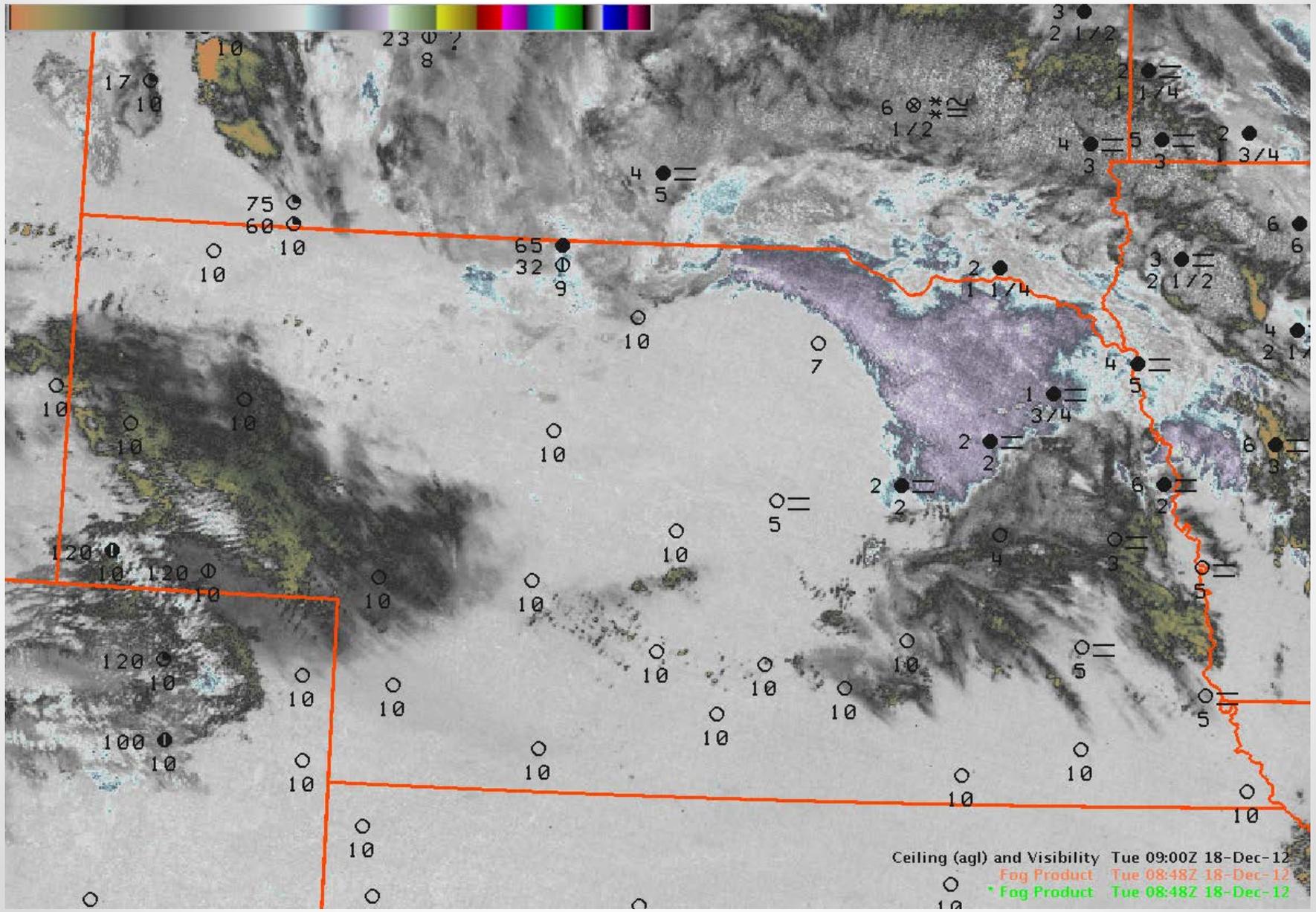


*Overnight Forecaster was able to adjust temperature forecast based on snow cover*

# Export to KMZ

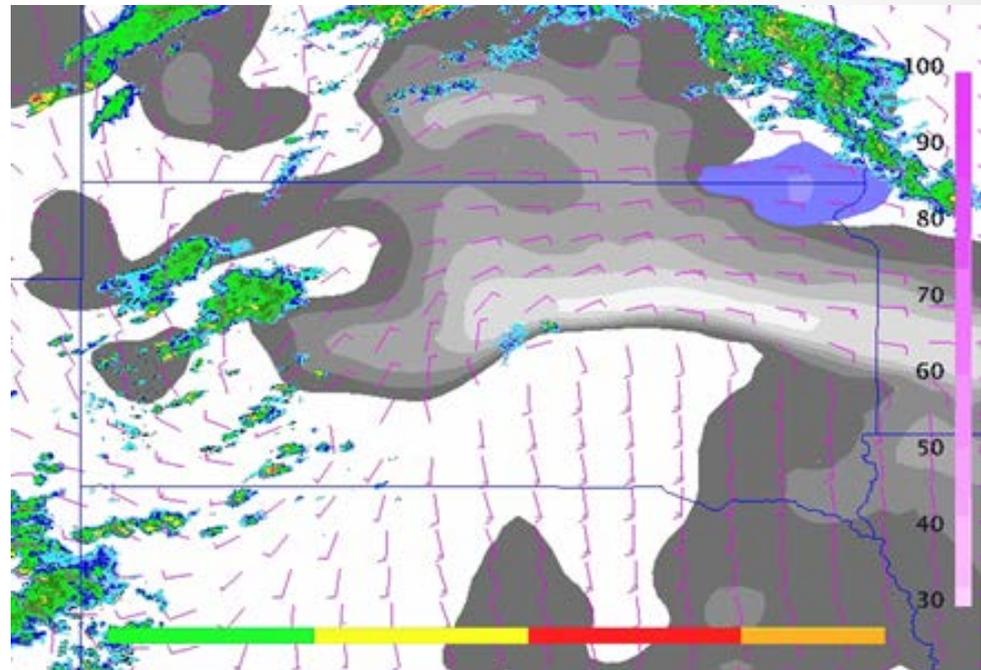


# NPP VIIRS "Fog" Product



# Convective Initiation

- Convective Initiation Project
  - COMET GOES-R PG Cooperative Project
  - WFO OAX and Univ. of Nebraska Lincoln
  - UW CTC and UAH SATCAST products
  - Fusion with environmental parameters (RAP)



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# Next AWIPSII Steps

*(We're ready to put our modernized workstation to use)*

- Proper data ingest (SBN preferred, but LDM OK)
- Proper display (plugins)
- RGB manipulation capabilities
- Data fusion capabilities
- NPP Soundings

**If we put this data into  
the hands of Forecasters,  
GOOD THINGS will happen!!**