

Weekly Report

CIRA
STAR/NESDIS
National Oceanic and Atmospheric Administration (NOAA)

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Date of Submission: 30 January 2026
Prepared by: CIRA and STAR contributors

Products and Applications

Publications (Citation: followed by a short Summary: (Why & so what), & detailed summary):

Awards and Recognition

Media Interactions and Request

Blog Posts and Social Media

New Satellite Liaison Blog Post: Bill Line published a blog post titled "[Late Jan 2026 Winter Storm](#)". The post features applications of GOES and VIIRS satellite imagery documenting the evolution and impacts of a major winter storm, including heavy snow, significant icing, embedded convection, and widespread power outages. It highlights the use of water vapor imagery, ALPW, 1-min VIS/IR imagery, GLM lightning, and post-event Snowmelt RGB and Day Night Band imagery, along with examples from multiple NWS office AFDs referencing satellite data. See Figure below. (POC: Bill Line, bill.line@noaa.gov, 970-279-1832)

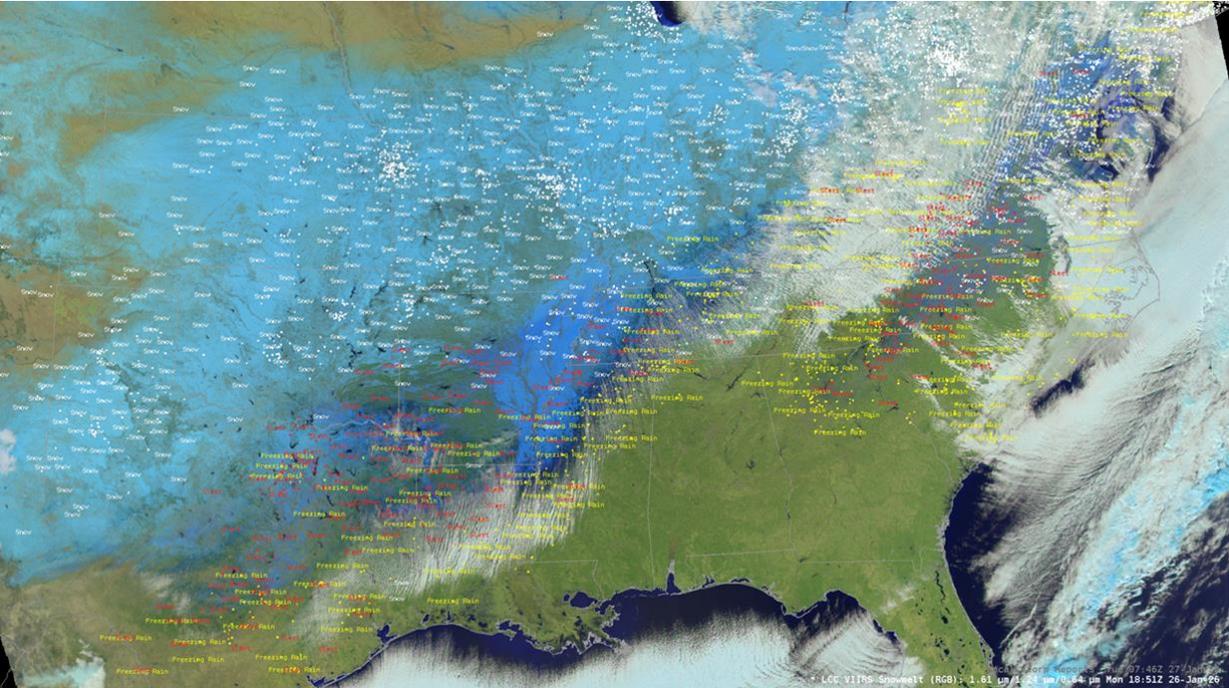


Figure: VIIRS Snowmelt RGB imagery from 26 Jan 2026 shows snow cover (lighter blue) and ice cover (darker blue) following the major winter storm. NWS local storm reports confirm the precipitation type that had fallen (white = snow, red = sleet, yellow = freezing rain).

Travel, Workshops, Conferences, and Meeting Reports

CSU/CIRA Participation in the 106th AMS Annual Meeting: CSU/CIRA employees successfully presented 53 oral and poster presentations at the 106th American Meteorological Society Annual Meeting, held in Houston, Texas, 25-29 January 2026. The presenters received positive feedback on their research. (POC: R. Brummer, CIRA, Renate.Brummer@colostate.edu / Funding: NOAA, NASA, NSF, ONR).



Figure: CSU/CIRA employees giving their presentations at the 106th AMS Annual Meeting. Left to right: Top row: Dakota Smith, John Haynes, Imme Ebert-Uphoff. Middle row: Mark DeMaria, Tom VonderHaar, Kate Musgrave. Bottom row: Matt King (USAF), Brandon Daub, Josh Reiter, Gwyn Uttmark. Photo credit: Yoo-Jeong Noh and others.

Training and Education Activities

Future Meetings and Events (dates, meeting/event, location, staff involved)

Other