

## Using CHORDS/Granafa to Archive/Display Real-time MetTrailer Observations

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**Abstract:** The National Science Foundation sponsored project entitled, "RAPID: North Dakota Field Measurement Campaign to Improve Understanding of Fog Processes", deployed the Meteorological Observations Trailer (MetTrailer) to the Fargo International airport on 15 October 2021. The MetTrailer house a suit of meteorological instruments for measurement of temperature, humidity, wind, pressure, rainfall, and visibility. In addition, ten cameras obtain images for the sky for development of visibility and cloud ceiling machine learning methods. MetTrailer information is displayed on several websites, the Atmospheric Sciences Wiki page and CHORDS/Grafana servers. Discussion will include the information available, how data is uploaded, how to download data, and how to display data, with a focus on how other project could utilize a similar system.