

Data Processing for GOES ABI SNO INR with N20 VIIRS

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Objective:

Process and subset historical GOES-17/18 ABI and NOAA-20 VIIRS data from around February 2019 until August 2023.

Results:

- Subset GOES-17/18 ABI 2km, 1km, and 0.5 km spatial resolutions data at sub-satellite point
- Subset NOAA-20 VIIRS M-bands and I-bands SNO with ABI
- Total around 200 days worth of VIIRS and GOES-17/18 data
- Co-author for 104th AMS meeting (abstract submitted: "Evaluating GOES ABI Band-to-Band Co-registration Accuracy at Sub-Satellite Point")

Figures:

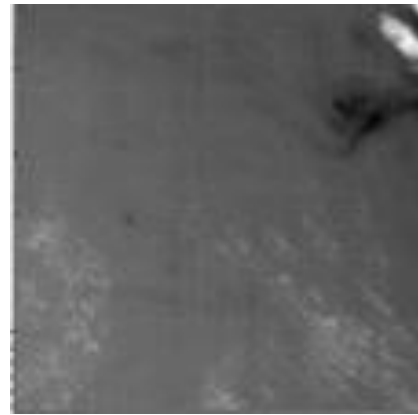


Figure 1: GOES-18 ABI 2km subset image for 9/4/2022 22:30 UTC



Figure 2: NOAA-20 VIIRS M-band SNO subset image for 9/4/2022 22:30 UTC

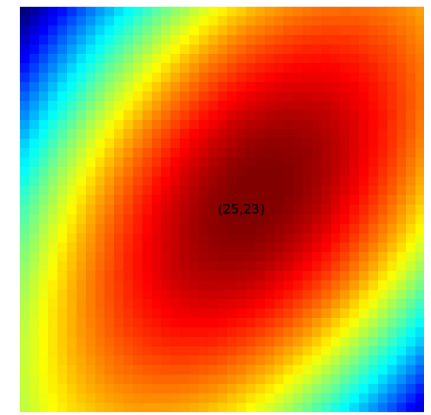


Figure 3: Pearson correlation metrics between G18 band 7 and N20 band 12 for 9/4/2022 22:30 UTC