

GCAS observations

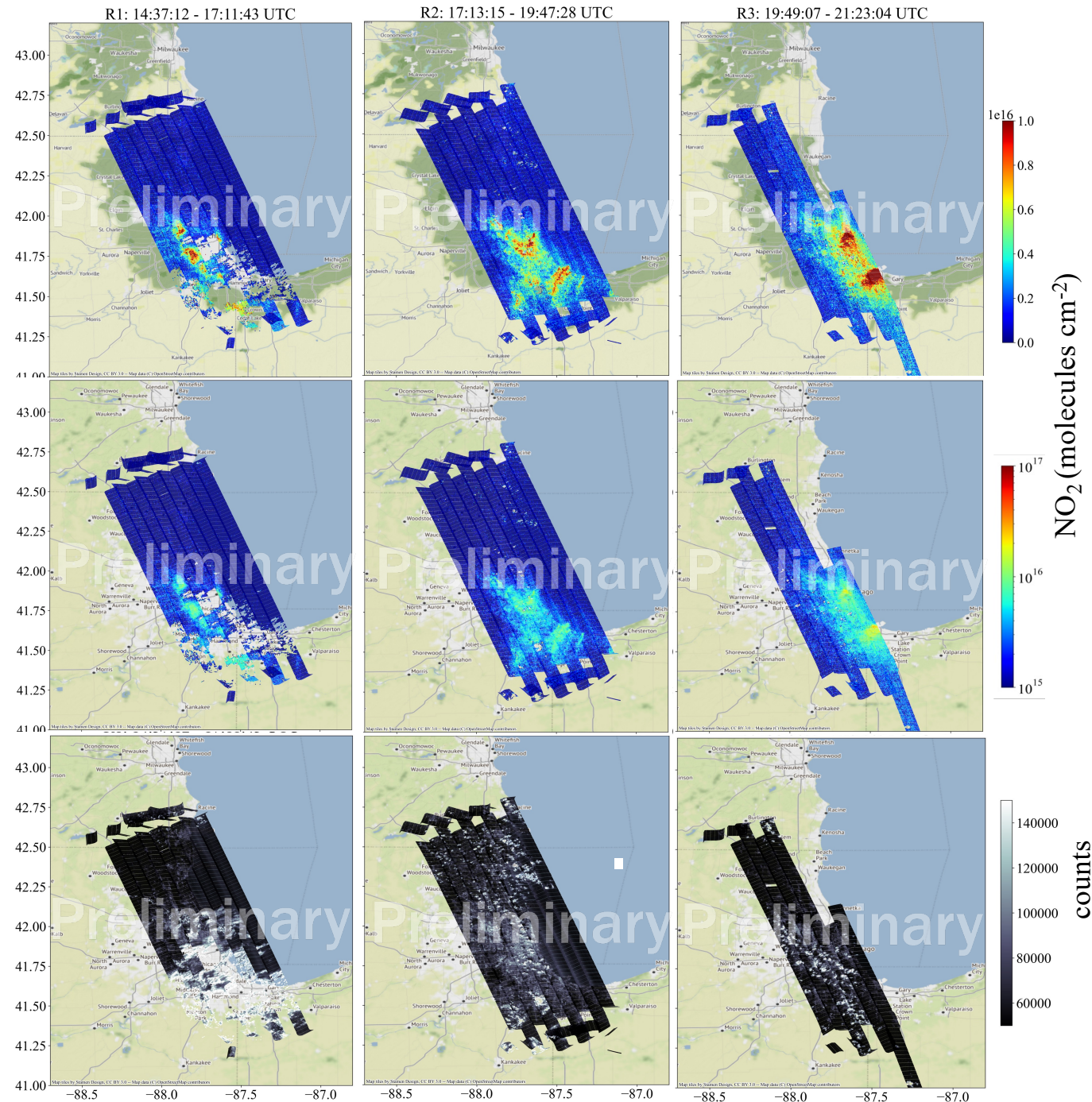
(cloud filter not applied)

Top row: NO₂ column densities (linear scale)

Middle row: NO₂ column densities (log scale)

Bottom row: count rate in the NO₂ spectral window on detector

20230812 Saturday – CHICAGO, IL



Notes:

R1: Clouds over south half of raster. Intersected with DC8 (at least 3 times).

R2: Fair weather cumulus

R3: Fair weather cumulus on southside. RTB due to thunderstorm activity in Ohio.

Daily AQI monitor readings from AirNow.gov:

O₃ AQI: Good (0 – 50)

PM_{2.5} AQI: Good (0 – 50)

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