

GCAS observations

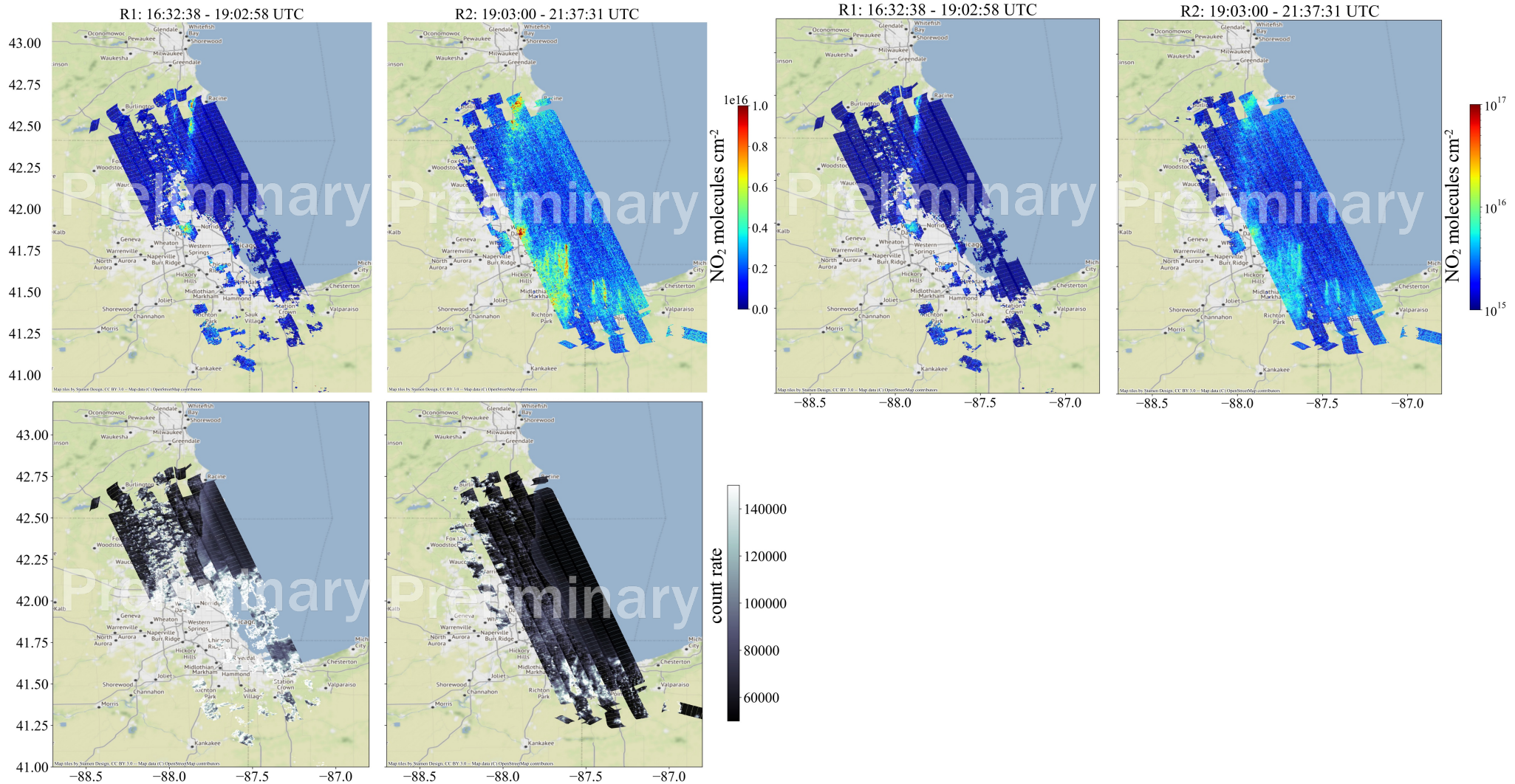
(cloud filter not applied)

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 (indication for bright surfaces and clouds)

20230815 Tuesday CHICAGO, IL



Notes: Delayed take-off due to clouds in Chicago. Saturation from clouds largely masked in R1 and west-most leg of R2

Daily AQI monitor readings from AirNow.gov:

O₃ AQI: Good (0 – 50)

PM2.5 AQI: Good (0 – 50) in central Chicago, Moderate (AQI: 51 – 100) in north and South Chicago