

GCAS observations

(cloud filter not applied)

Top row: NO₂ column densities (linear scale)

Middle row: NO₂ column densities (log scale)

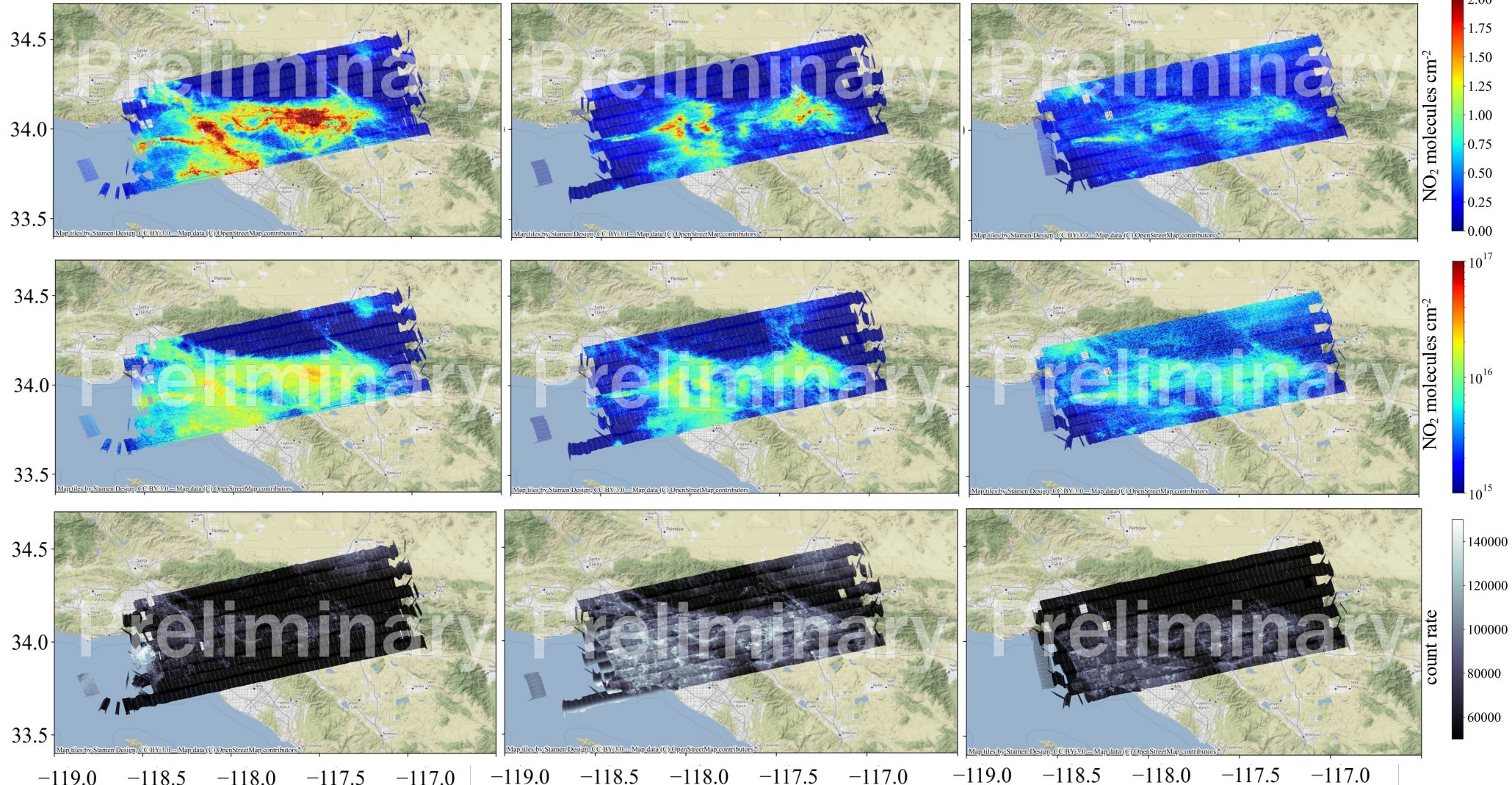
Bottom row: count rate in the NO₂ spectral window on detector (indication for bright surfaces and clouds)

20230826 Saturday LOS ANGELES, CA

R1: 15:14:24 - 17:41:34 UTC

R2: 19:17:25 - 21:38:58 UTC

R3: 21:39:00 - 23:59:26 UTC



Notes: GCAS onboard LaRC G3 20230822 – 20230826.
G3 refueling in between R1 and R2

Daily AQI monitor readings from AirNow.gov:

O₃ AQI: Good (0 – 50) in downtown and throughout west LA, Moderate (51 – 100) approaching Riverside, and Unhealthy for sensitive groups (101 – 150) in eastern LA region around Riverside

PM2.5 AQI: Good (0 – 50) in Long Beach and east LA region around Riverside, Moderate (51 – 100) central LA