

GCAS observations

(cloud filter not applied)

Top row: NO₂ column densities (linear scale)

Middle row: NO₂ column densities (log scale)

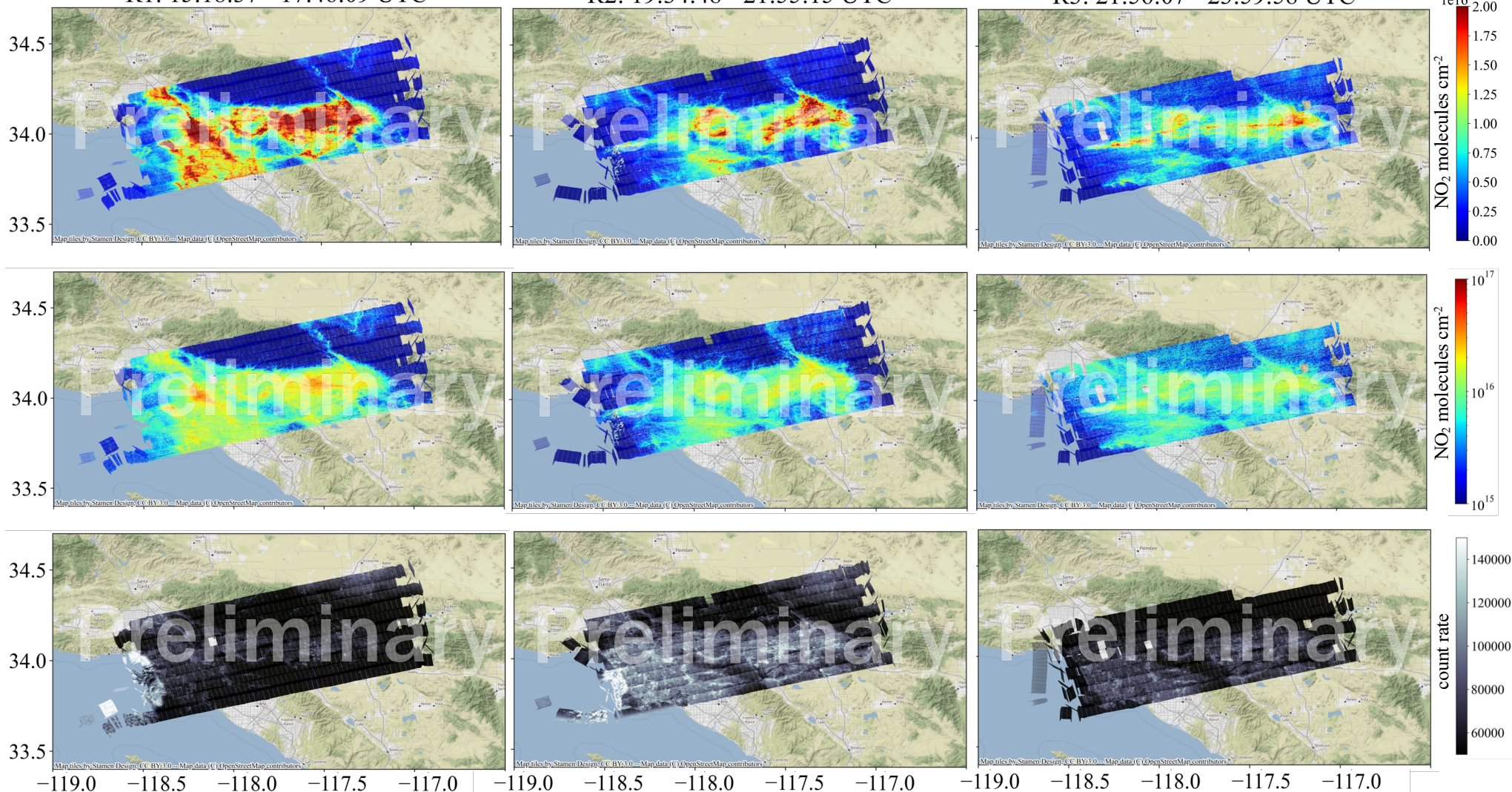
Bottom row: count rate in the NO₂ spectral window on detector (indication for bright surfaces and clouds)

20230825 Friday LOS ANGELES, CA

R1: 15:18:37 - 17:46:09 UTC

R2: 19:34:48 - 21:55:15 UTC

R3: 21:56:07 - 23:59:58 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 west and central LA, Moderate (51 – 100) approaching

Riverside, Unhealthy for sensitive groups (101 – 150) around Riverside

PM2.5 AQI: Good (0 – 50) except for Moderate (51 – 100) at Riverside-Rubidoux and

Fontana – Arrow Highway sites