

GCAS observations

(cloud filter not applied)

Top row: NO₂ column densities (linear scale)

Middle row: NO₂ column densities (log scale)

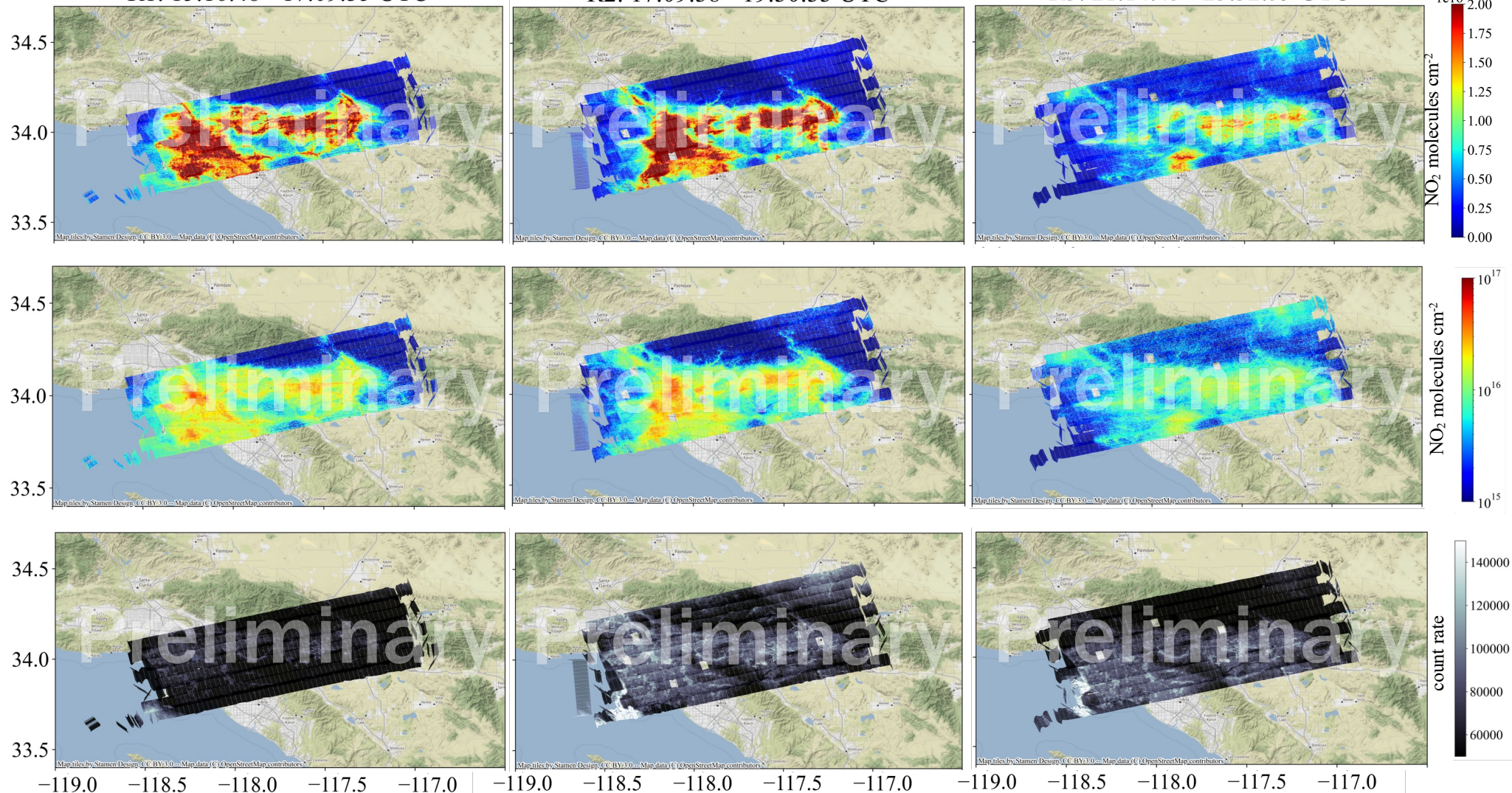
Bottom row: count rate in the NO₂ spectral window on detector (indication for bright surfaces and clouds)

20230823 Wednesday LOS ANGELES, CA

R1: 15:16:48 - 17:09:35 UTC

R2: 17:09:38 - 19:30:33 UTC

R3: 21:14:45 - 23:32:59 UTC



Notes: GCAS onboard LaRC G3 20230822 –
20230826. G3 refueling in between R2 and R3

Daily AQI monitor readings from AirNow.gov:

O₃ AQI: Good (0 – 50) in west LA, Unhealthy for Sensitive Groups (101 – 150) around Riverside
PM2.5 AQI: Mostly good (0 – 50) except for Moderate (51 – 100) readings at Compton, Anaheim,
and Riverside-Rubidoux sites