

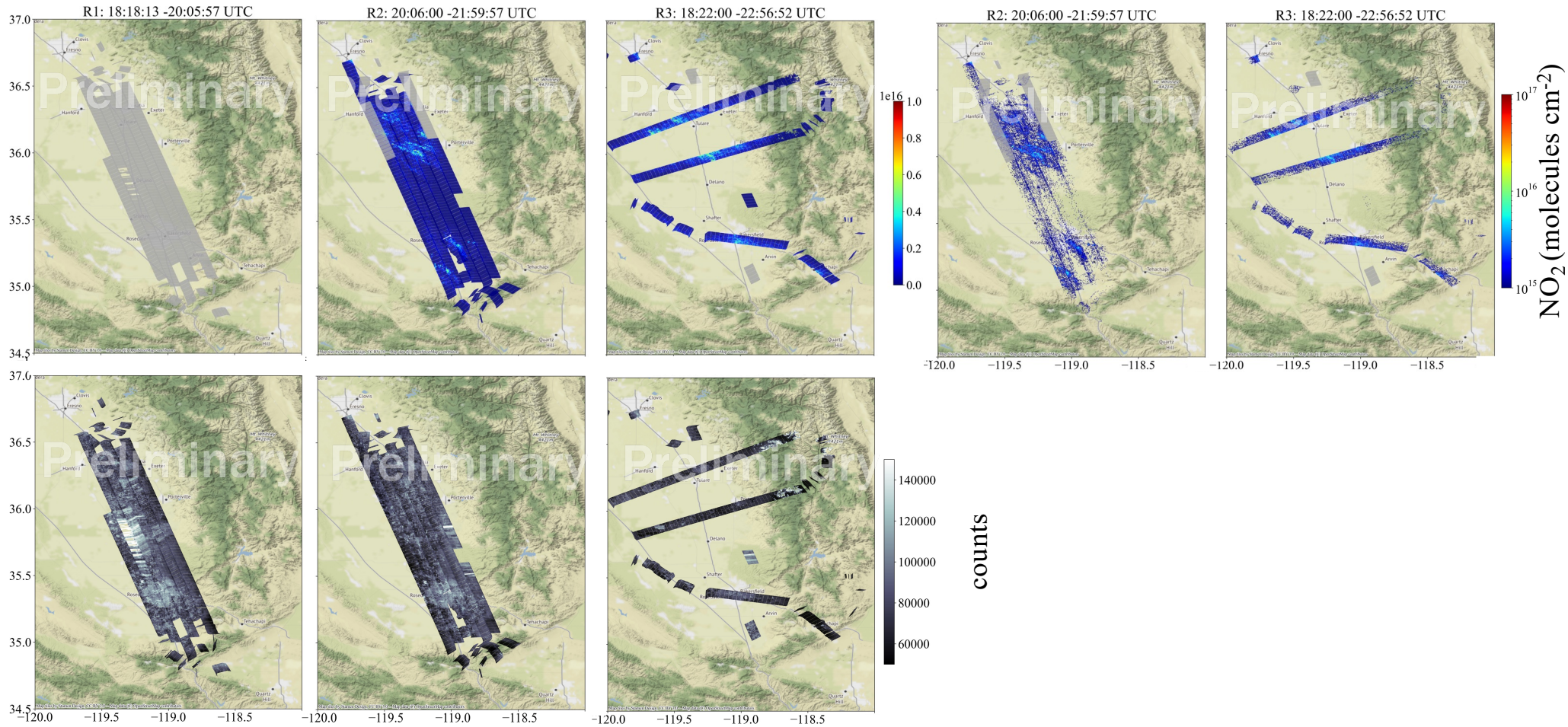
GCAS observations

(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)



Notes: R1 is all NaNs (gray) due to NO₂ retrieval noise related to issues with GCAS performance – cause to be explored in lab.
GCAS retrievals achieved sufficient quality after 20:18 UTC.

Daily AQI monitor readings from AirNow.gov

O₃ AQI: Good (0 – 50)

PM_{2.5} AQI: Good (0 – 50)

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