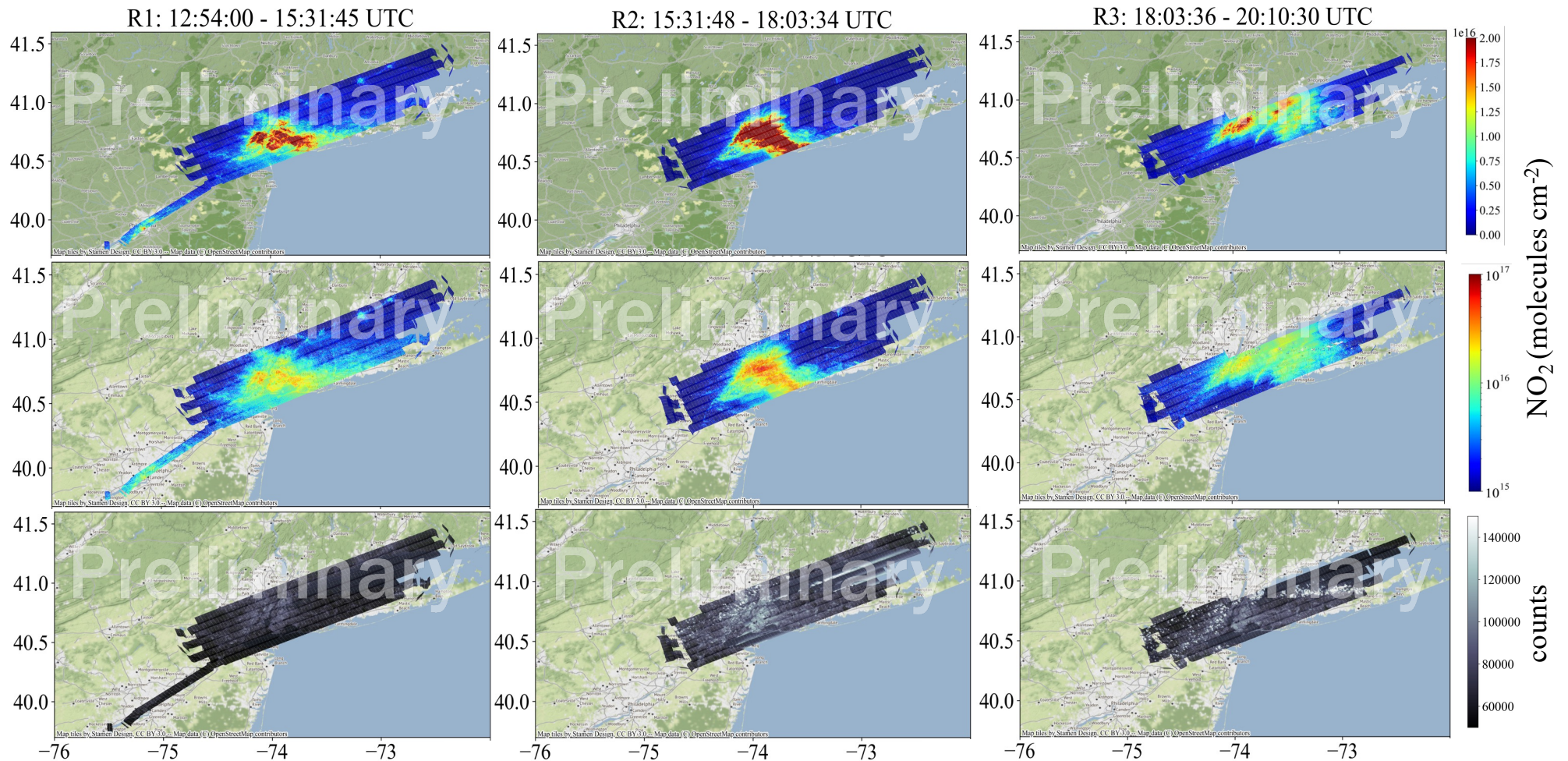**GCAS observations**
(cloud filter not applied)
Top row: NO$_2$ column densities (linear scale)
Middle row: NO$_2$ column densities (log scale)
Bottom row: count rate in the NO$_2$ spectral window on detector
(indication for bright surfaces and clouds)

20230726 Wednesday
NEW YORK CITY, NY; NEWARK, NJ;
PHILADELPHIA, PA

R1: 12:54:00 - 15:31:45 UTC   R2: 15:31:48 - 18:03:34 UTC   R3: 18:03:36 - 20:10:30 UTC

Notes: R3 cut short due to fuel concerns and storms enroute to transit back to Ohio

Daily AQI monitor readings from AirNow.gov
O$_3$ AQI: Moderate (51 – 100) throughout central and Long Island Sound, except for Leonia monitor with Unhealthy for Sensitive Groups (AQ = 101 – 150)
PM$_{2.5}$ AQI: Moderate (51 – 100) throughout NYC, Good (0 – 50) at CCNY and Morrisania sites

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