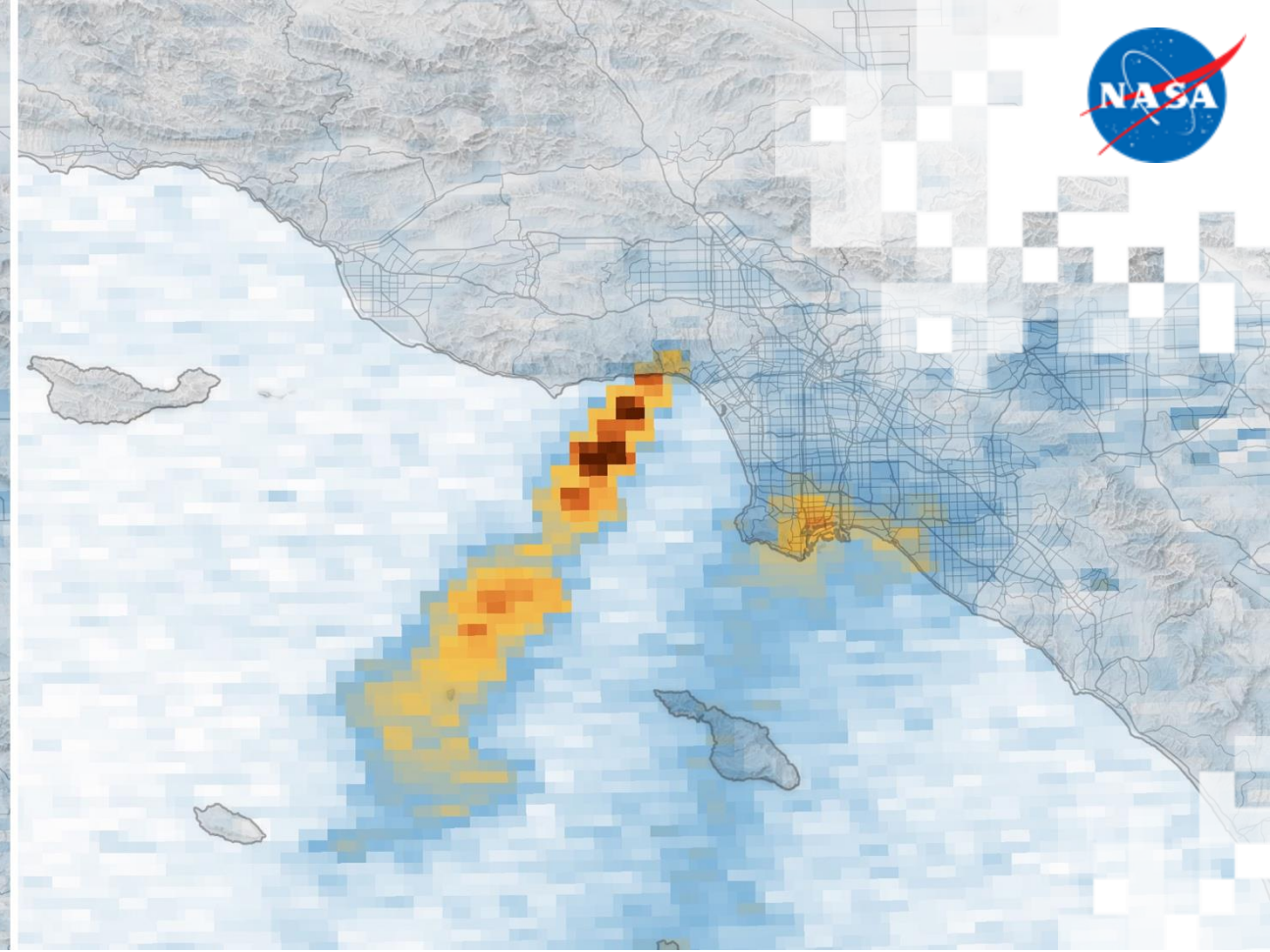
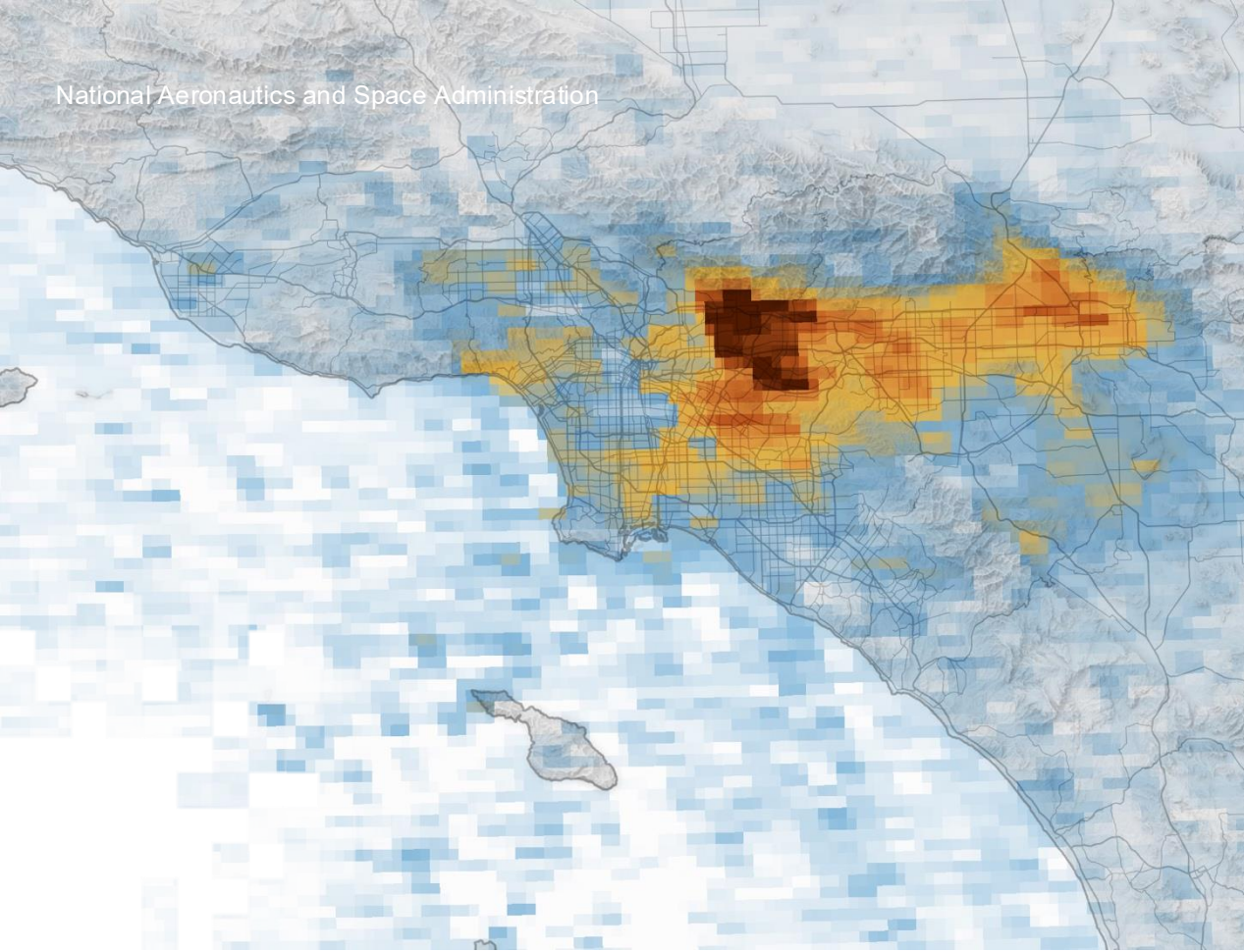


National Aeronautics and Space Administration



# Introduction to Geostationary Observations for Air Quality Applications in the Western US

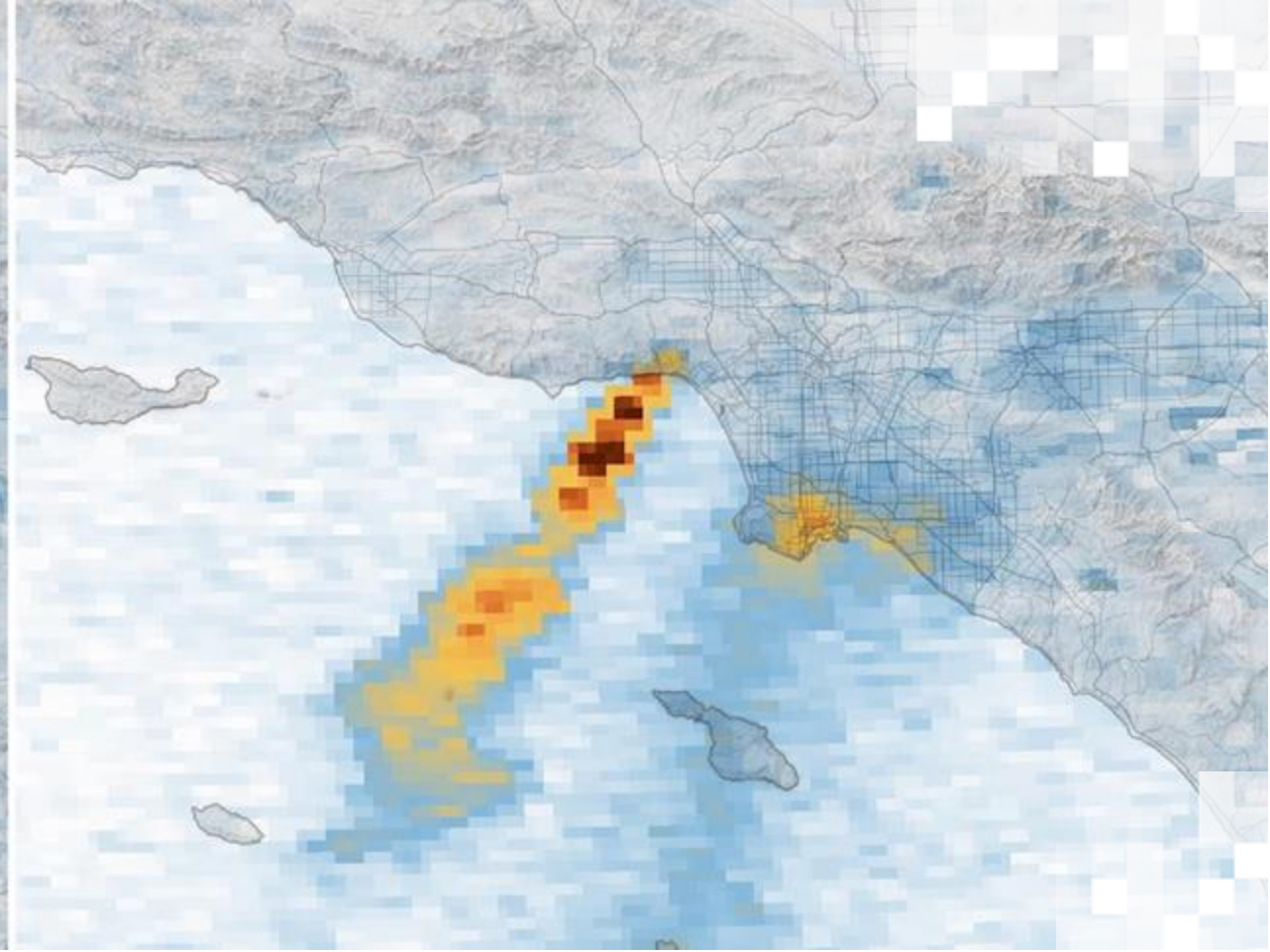
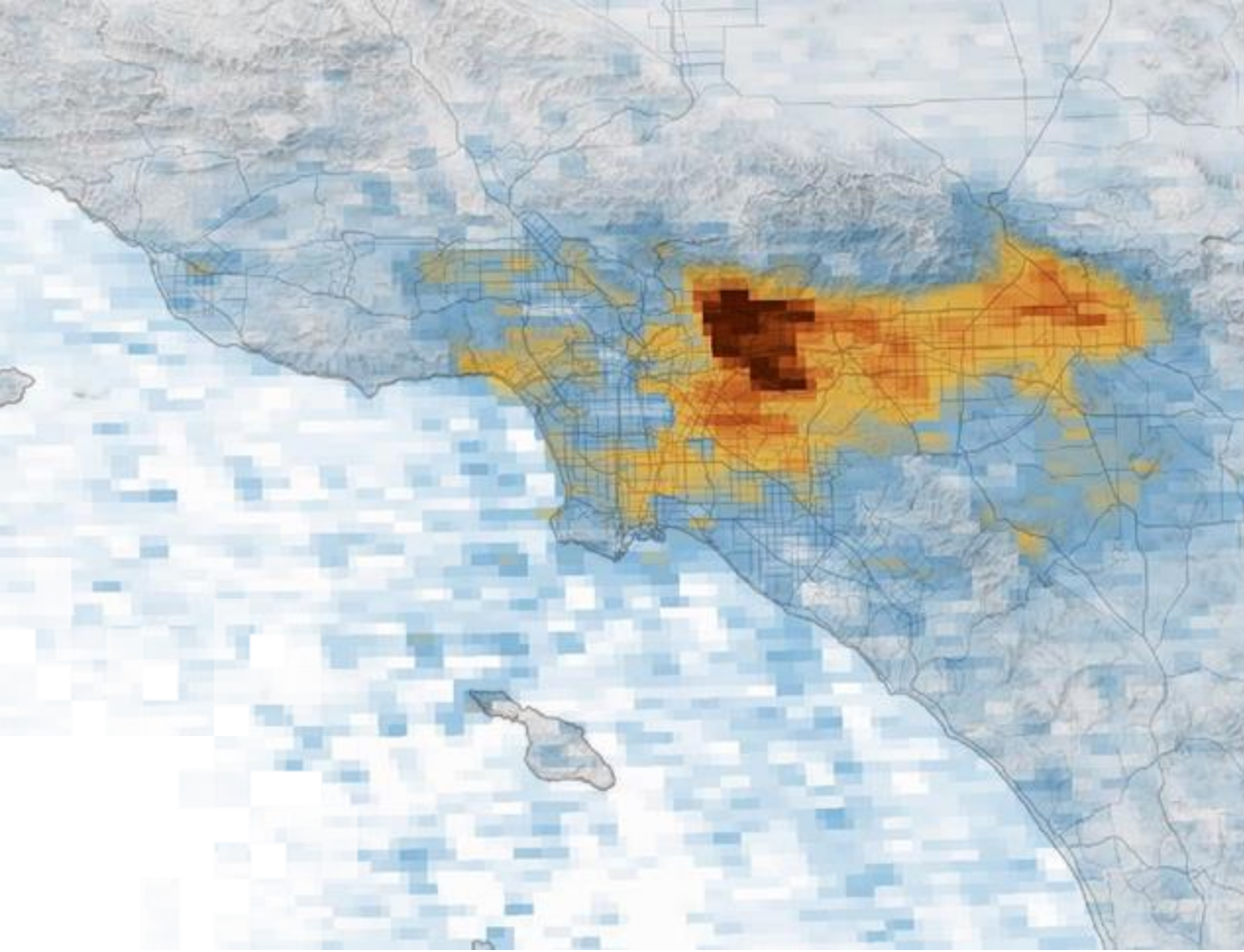
Day 1, Part 6: Simple TEMPO Data Visualization

Kristina Pistone (ARSET)

August 5, 2025







**Day 1, Part 6:**  
**Simple TEMPO Data Visualization**

# Some Options to View TEMPO Data

- [NASA Worldview](#)
  - Level 2 and Level 3
  - Can easily toggle with other satellite imagery (including true-color)
- [TEMPO Team Dashboard](#)
  - Easy and straightforward visualization for TEMPO NO<sub>2</sub> data only
- [NASA ArcGIS](#): From [gis.earthdata.nasa.gov](https://gis.earthdata.nasa.gov) or Living Atlas
  - Quick visualizations that give numerical values (molecules/cm<sup>2</sup>)
  - Can overlay other ArcGIS datasets into the viewer or use in custom map viewers
- [SPoRT TEMPO Viewer](#)
  - Recent data only



# Events to View with TEMPO Data

- Canadian Smoke Transport, July 24 2024: <https://go.nasa.gov/4IWgEhd>
- LA Wildfires, January 2025: <https://go.nasa.gov/4kCLwSX>
- NO2 Plumes in Alberta, June 22 2024: <https://go.nasa.gov/4eTYVVD>
- Colorado Front Range Fires, July 29 2024: [TEMPO Team Dashboard](#)
- TX Oil & Gas Activity & Prescribed Burning in OK, March 28 2024: [TEMPO Team Dashboard](#)
- Atlanta NO2 Plumes and Clouds, July 13, 2025: <https://go.nasa.gov/44BXAPQ>
- Look at the Most Recent Data in [SPoRT TEMPO NRT Viewer](#)





**Thank You!**

