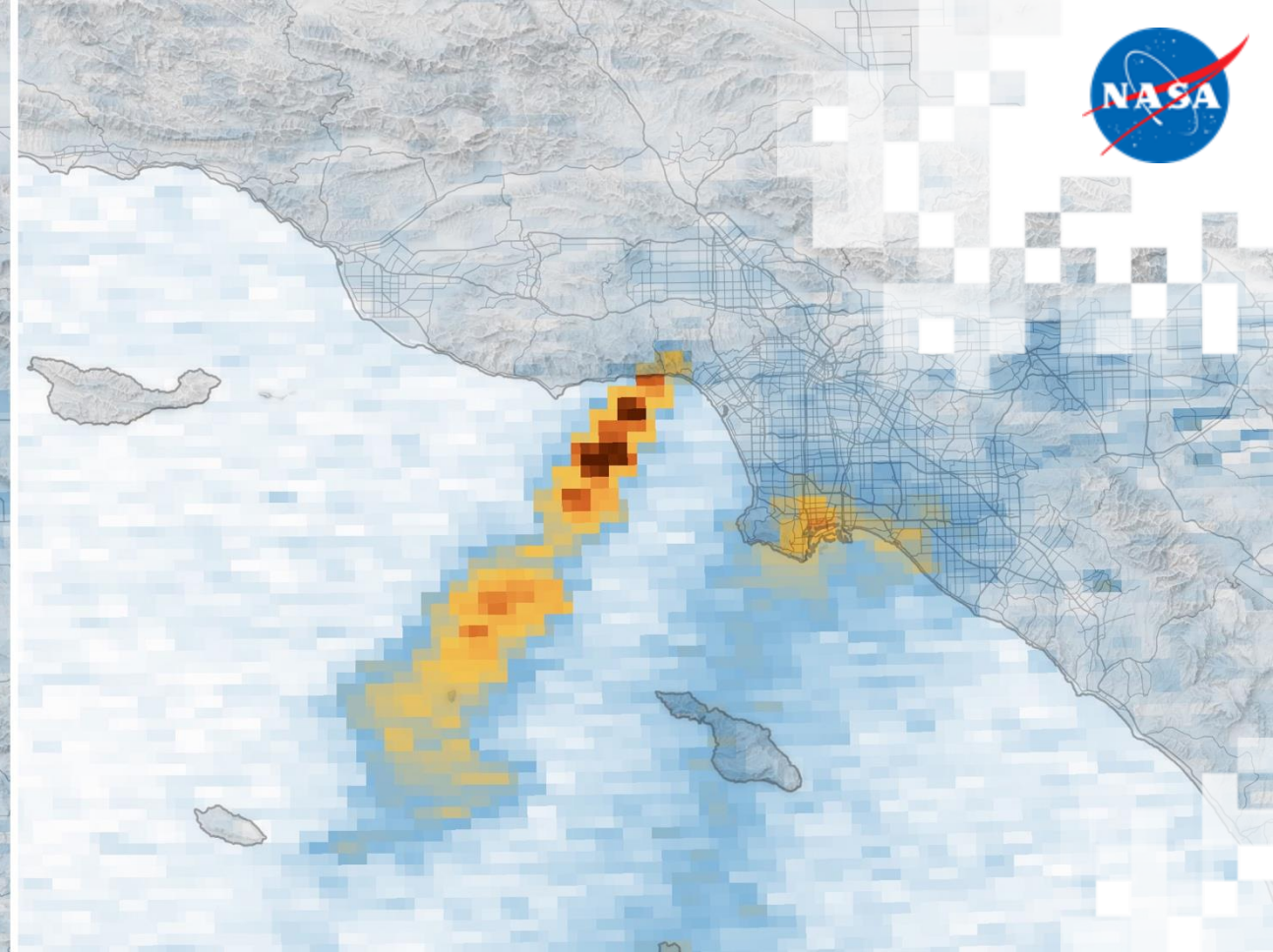
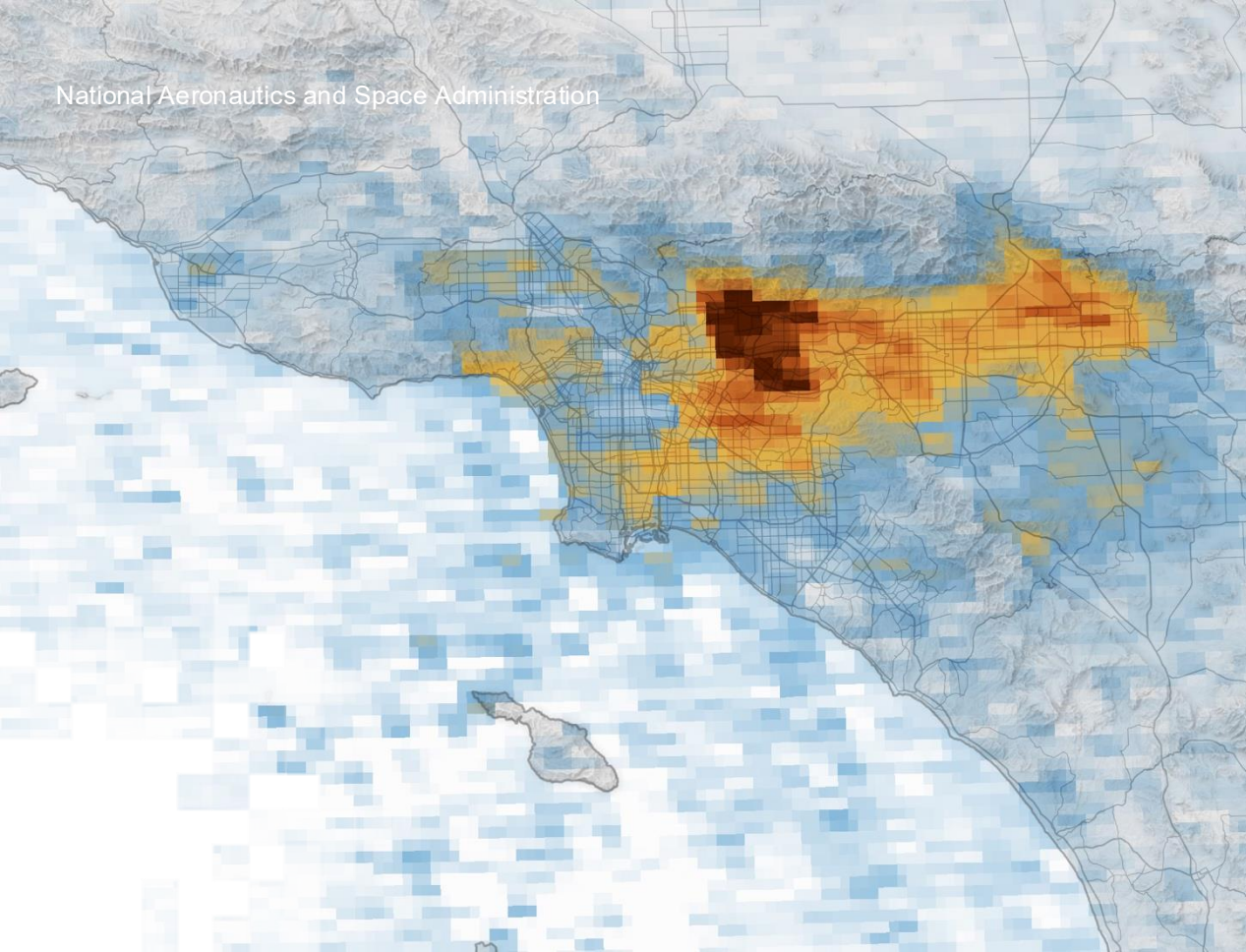




Introduction to Geostationary Observations for Air Quality Applications in the Western US

Day 2, Part 2: Downloading and Interpreting TEMPO Data Files Programmatically

Daniel Kaufman (ASDC)

August 6, 2025



D2P2: Downloading and Interpreting TEMPO Data Files Programmatically from NASA Earthdata

What we'll do in this hour:

- **Downloading TEMPO Data (via Harmony)**
 - Authentication
 - Compiling a Request
 - Downloading Processed Files
- **Opening TEMPO Data Files**
- **Creating Graphics for a TEMPO Data Variable**
 - Applying Quality Control
 - Creating a Google-Looking Map

