



GEO Observations for AQ applications in the Western U.S.
August 5-7, 2025, CIRA, Fort Collins, CO

Summary of Resources

TEMPO Mission and Products

[TEMPO Home Page](#)
[ASDC TEMPO Project Page](#)
[Level 2 Nitrogen Dioxide](#)
[Level 2 Formaldehyde](#)
[Level 2 Total Ozone](#)
[Level 3 Nitrogen Dioxide](#)
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Other Missions and Products

[MODIS MAIAC AOD](#)
[VIIRS Aerosol Products](#)
[OMI Data at GES DISC](#)
[TROPOMI Data at GES DISC](#)
[TOLNet \(Tropospheric Ozone Lidar Network\)](#)

Data Visualization

[NASA Worldview](#)
[TEMPO Data Viewer \(SAO Website\)](#)
[NASA SPoRT Near Real-Time TEMPO Data Viewer](#)
[TEMPO NO₂ in ArcGIS Online Viewer](#)
[NOAA AerosolWatch](#)
[myHDF5 Viewer](#)

Data Access and Download

[Earthdata Search \(With TEMPO Instrument Selected\)](#)

Data Analysis

[Jupyter Notebook Examples from This Training](#)
[Downloading and Interpreting TEMPO Data Programmatically from NASA Earthdata](#)
[Use Case: Surface Air Quality Estimation](#)



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[Use Case: Ozone Exceedance and Tracking Precursors with](#)

[TEMPO](#)

[ASDC Github Examples for TEMPO](#)

[Accessing TEMPO Data via Harmony-py](#)

[Remote Sensing Information Gateway \(RSIG\)](#)

Geographic Information System (GIS)

[Accessing, Analyzing, & Visualizing TEMPO Data through ArcGIS Image Services Programmatically \(Point\)](#) (Jupyter Notebook – Used in Demo)

[Accessing, Analyzing, & Visualizing TEMPO Data through ArcGIS Image Services Programmatically \(Bounding Box\)](#) (Jupyter Notebook)

[Accessing Worldview Imagery in GIS](#)

[Esri Living Atlas of the World](#)

[NASA Earthdata GIS Portal](#)

[TEMPO NO₂ ArcGIS Image Service](#)

[TEMPO Total Column Ozone ArcGIS Image Service](#)

[TEMPO Formaldehyde ArcGIS Image Service](#)

Help Resources

[Earthdata Forum](#)

[ASDC Overview of TEMPO Mission and Data Service Demos](#)

ARSET Trainings

[Fundamentals of Remote Sensing](#)

[An Inside Look at How NASA Measures Air Pollution](#)

[Accessing and Analyzing Air Quality Data from Geostationary Satellites](#)

[LiDAR Profiling Satellite Observations for Air Quality Applications](#)

[Tools for Analyzing NASA Air Quality Model Output](#)

[Introduction and Access to Global Air Quality Forecasting Data and Tools](#)

[Introduction to NASA Earth Observations and Tools for Wildfire Monitoring and Management](#)

[Satellite Observations and Tools for Fire Risk, Detection, and Analysis](#)

[MODIS to VIIRS Transition for Air Quality Applications](#)

[High Resolution NO₂ Monitoring From Space with TROPOMI](#)

[NASA Atmospheric Composition Ground Networks Supporting Air Quality and Climate Applications](#)