TEMPO status
(see supplement for more information)

- Instrument completed, accepted, delivered, now in storage
- Will launch on a SpaceX Falcon 9 rocket, expected mid-2022
- Will fly on Intelsat 40e to 91° W
What does TEMPO need?

• Harmonized network with consistent quality
  – Saves us from worrying about quality of individual stations

• Ground-based instrument accuracy and precision at each site

• Sites that cover a range of trace gas concentrations from clean to very polluted

• What can help us improve algorithms and quantify uncertainties?
  – Well-characterized sites, with well-characterized surfaces, co-located PBL, aerosol, in situ observations
  – Homogenous sites, with little variability in surface and profiles

• Feedback from the community on the products

Thanks, C. Nowlan