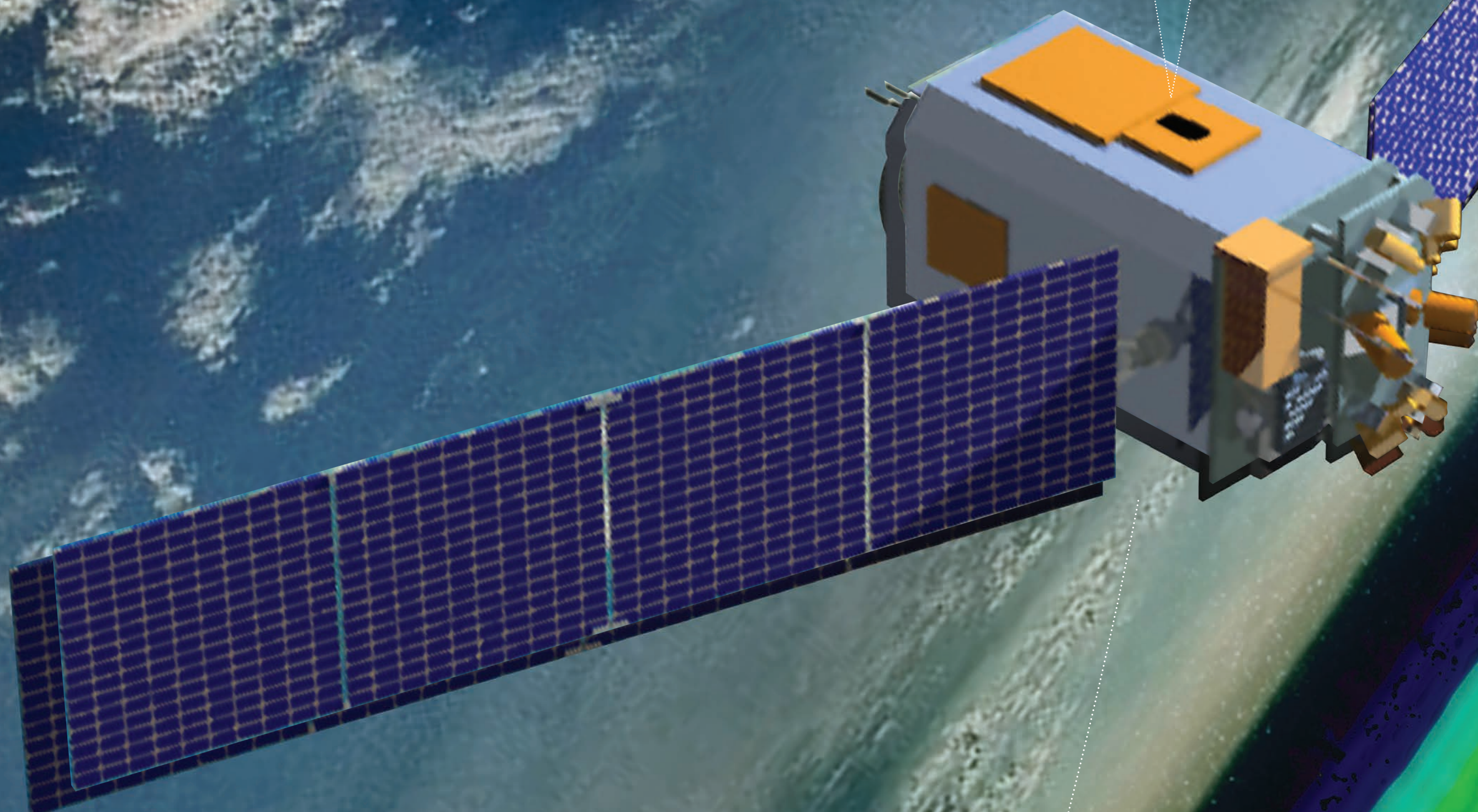


Instrument: Sounding of the Atmosphere using Broadband Emission Radiometry (SABER)
10-channel cryogenic infrared (1.27 to 16.9 μm) radiometer
Design/Build: Space Dynamics Laboratory

SABER

SABER has been exploring the mesosphere and lower thermosphere and capturing global day/night vertical profile measurements of atmospheric temperature, density, and pressure for over two decades.

Publications: 2,200 scientific peer-reviewed papers



MISSION

TIMED Thermosphere Ionosphere Mesosphere Energetics and Dynamics

Institution: NASA

Launch: 2001

Planned Duration: Two years

Mission Duration: ~22 years; still ongoing

*Decades of
Game-Changing
Upper Atmospheric
Data.*