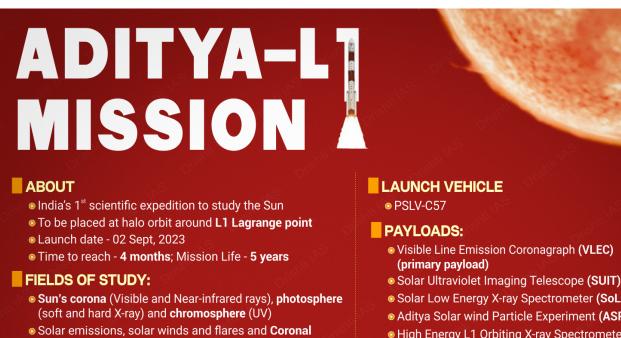


Aditya L1 Mission



SIGNIFICANCE

Mass Ejections (CMEs)

 Solar weather/environment affects the weather of entire solar system

Carry out round-the-clock imaging of Sun

- Solar events help understand space
- Tracking Earth-directed storms can help predict their impact

- Solar Low Energy X-ray Spectrometer (SoLEXS)
- Aditya Solar wind Particle Experiment (ASPEX)
- High Energy L1 Orbiting X-ray Spectrometer (HEL10S)
- Plasma Analyser Package for Aditya (PAPA)
- Advanced Tri-axial High Resolution Digital Magnetometers

What are Lagrange Points?

- Named after Italian-French mathematician Josephy-Louis Lagrange
- Positions in space where gravitational forces of a two-body system (e.g. Sun & Earth) produce enhanced regions of attraction and repulsion
- Spacecrafts placed at L points consume lower fuel to remain in position



