



## NASA's Opportunity Rover Mission Ends

Opportunity, a NASA rover to the surface of Mars, has stopped communicating with Earth after 15 years of service.

- NASA lost contact with the solar-powered vehicle on June 10, 2018, after a dust storm. Dust covered the solar panels of the rover due to which the rover was unable to charge its batteries.

### About Opportunity Mission

- **Type:** Lander/Rover
- **Launch Date:** July 07, 2003
- **Landing Date on Mars:** January 25, 2004
- **Target:** Mars

### Significance

- **Technology Demonstration**
  - The opportunity rover mission was to end within three months with the objective to drive up to 1 km on the Martian surface. But the Opportunity Rover covered almost 45 km and lasted for around 15 years on the Mars.
- **History of Mars**
  - Opportunity explored the craters on Mars and gathered evidence to prove that Mars once had water and was warm enough to possibly sustain life.