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Mission Title

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[Advanced Composition Explorer \(ACE\)](#) [\[+ more\]](#)

[Advanced Satellite for Cosmology and Astrophysics \(ASCA\)](#) [\[+ more\]](#)

[Aeronomy of Ice in the Mesosphere \(AIM\)](#) [\[+ more\]](#)

[Analyzer of Space Plasmas and Energetic Atoms \(ASPERA\)](#) [\[+ more\]](#)

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[Aquarius](#) [\[+ more\]](#)

[Astro-1 and Astro-2](#) [\[+ more\]](#)

[Aura](#) [\[+ more\]](#)

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[Broad Band X-ray Telescope \(BBXRT\)](#) [\[+ more\]](#)

Site Search:

At a Glance...

- Today our robotic explorers have traveled throughout the Earth and Solar System, and seen the birth of the earliest galaxies.
- Questions about the very nature of the universe can be pursued not only with philosophical speculation but also with scientific observation.

Related Links...

- **Suborbital Science**
Enables Earth science research and applications by providing an atmosphere-based observational capability complementary to space-based observing systems. [\[+ more\]](#)
- **Surface-based Platforms**
Surface-based experiments

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conducted by the Airborne Atmospheric Science Office at NASA's Langley Research Center. [\[+ more\]](#)

- **Earth System Science Pathfinder (ESSP) Program**
The ESSP program is an innovative approach for addressing Global Change Research by providing periodic "Windows of Opportunity" to accommodate new scientific priorities and infuse new scientific participation into NASA Earth science. [\[+ more\]](#)

Galaxy Evolution Explorer (GALEX) [[+ more](#)]

Galileo [[+ more](#)]

Gamma ray Large Area Space Telescope (GLAST) [[+ more](#)]

Genesis [[+ more](#)]

Geostationary Operational Environmental Satellite, I-M Series (GOES-M) [[+ more](#)]

Geostationary Operational Environmental Satellite, N/O/P Series (GOES-N/O/P) [[+ more](#)]

Geostationary Operational Environmental Satellite, R Series (GOES-R) [[+ more](#)]

Geotail [[+ more](#)]

Global Precipitation Measurement (GPM) [[+ more](#)]

Gravity Probe B (GP-B) [[+ more](#)]

Gravity Recovery and Climate Experiment (GRACE) [[+ more](#)]

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Herschel [[+ more](#)]

High Energy Transient Explorer-2 (HETE-2) [[+ more](#)]

Highly Advanced Laboratory for Communications and Astronomy (HALCA) [[+ more](#)]

Hipparcos [[+ more](#)]

Hubble Space Telescope (HST) [[+ more](#)]

Hydrosphere State Mission (Hydros) [[+ more](#)]

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Ice, Clouds, and Land Elevation Satellite (ICESat) [[+ more](#)]

Imager for Magnetopause-to-Aurora Global Exploration (IMAGE) [[+ more](#)]

Infrared Space Observatory [[+ more](#)]

International Extreme Ultraviolet Hitchhiker - 3 (IEH-3) [[+ more](#)]

International Gamma-Ray Astrophysics Laboratory (INTEGRAL) [[+ more](#)]

International Earth-Sun Explorer-3 / International Cometary Explorer (ISEE-3/ICE)
[[+ more](#)]

International Ultraviolet Explorer (IUE) [[+ more](#)]

Interplanetary Monitoring Platform-8 (IMP-8) [[+ more](#)]

Interstellar Boundary Explorer (IBEX) [[+ more](#)]

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James Webb Space Telescope (JWST) [[+ more](#)]

JASON-1 [\[+ more\]](#)

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Keck Interferometer [\[+ more\]](#)

Kepler [\[+ more\]](#)

Kuiper Airborne Observatory (KAO) [\[+ more\]](#)

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LANDSAT 7 [\[+ more\]](#)

Landsat Data Continuity Mission (LDCM) [\[+ more\]](#)

Large Binocular Telescope Interferometer (LBTI) [\[+ more\]](#)

Laser Interferometer Space Antenna (LISA) [\[+ more\]](#)

Leonid Multi-instrument Aircraft Campaign [\[+ more\]](#)

Lunar Prospector [\[+ more\]](#)

Lunar Reconnaissance Orbiter [\[+ more\]](#)

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Mariner [\[+ more\]](#)

Mars Climate Orbiter [\[+ more\]](#)

Mars Exploration Rovers [\[+ more\]](#)

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Mars Missions Beyond 2009 [\[+ more\]](#)

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Mars Odyssey [\[+ more\]](#)

Mars Pathfinder [\[+ more\]](#)

Mars Polar Lander [\[+ more\]](#)

Mars Reconnaissance Orbiter 2005 [\[+ more\]](#)

Mars Science Laboratory 2009 [\[+ more\]](#)

Mars Telecommunications Orbiter [\[+ more\]](#)

Mercury Surface, Space Environment, Geochemistry and Ranging (MESSENGER)
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Near Earth Asteroid Rendezvous (NEAR) [\[+ more\]](#)

New Horizons/Pluto [\[+ more\]](#)

New Millennium Program Earth Observing-1 (NMP EO-1) [\[+ more\]](#)

NOAA Polar-orbiting Operational Environmental Satellites, Series M (NOAA-M POESS) [\[+ more\]](#)

NOAA Polar-orbiting Operational Environmental Satellites, Series N/N' (NOAA-N POESS) [\[+ more\]](#)

NPOESS Preparatory Project (NPP) [\[+ more\]](#)

Nuclear Spectroscopic Telescope Array (NuSTAR) [\[+ more\]](#)

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Orbiting Carbon Observatory (OCO) [\[+ more\]](#)

Orbiting Retrievable Far and Extreme Ultraviolet Spectrometer (ORFEUS) [\[+ more\]](#)

Ocean Surface Topography Mission (OSTM) [\[+ more\]](#)

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Phoenix [\[+ more\]](#)

Pioneer 10 and 11 [\[+ more\]](#)

Pioneer Venus Orbiter [\[+ more\]](#)

Planck [\[+ more\]](#)

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Reuven Ramaty High Energy Solar Spectroscope Imager (RHESSI) [\[+ more\]](#)

Roentgen Satellite [\[+ more\]](#)

Rosetta [\[+ more\]](#)

Rossi X-ray Timing Explorer (RXTE) [\[+ more\]](#)

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SAGE-3 (Meteor) [\[+ more\]](#)

Satelite de Aplicaciones Cientificas - B (SAC-B) [\[+ more\]](#)

Scientific Balloons [\[+ more\]](#)

SeaWinds (ADEOS-II) [\[+ more\]](#)

Shuttle Radar Topography Mission (SRTM) [\[+ more\]](#)

Solar and Heliospheric Observatory [[+ more](#)]
Solar Dynamics Observatory [[+ more](#)]
Solar Radiation and Climate Experiment (SORCE) [[+ more](#)]
Solar Terrestrial Relations Observatory (STEREO) [[+ more](#)]
Solar-B [[+ more](#)]
Solar, Anomalous, and Magnetospheric Particle Explorer [[+ more](#)]
Sounding Rockets [[+ more](#)]
Space Interferometry Mission (SIM) [[+ more](#)]
Space Technology 5 (ST-5) [[+ more](#)]
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Spitzer Space Telescope [[+ more](#)]
Stardust [[+ more](#)]
Starshine [[+ more](#)]
Stratospheric Observatory for Infrared Astronomy (SOFIA) [[+ more](#)]
Student Nitric Oxide Explorer (SNOE) [[+ more](#)]
Submillimeter Wave Astronomy Satellite (SWAS) [[+ more](#)]
Surveyor [[+ more](#)]
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Tethered Satellite System (TSS) [[+ more](#)]
The Infrared Telescope in Space [[+ more](#)]
Thermosphere, Ionosphere, Mesosphere Energetics and Dynamics (TIMED) [[+ more](#)]
Time History of Events and Macroscale Interactions during Substorms (THEMIS) [[+ more](#)]
Tomographic Experiment using Radiative Recombinative Ionospheric EUV and Radio

Sources (TERRIERS) [[+ more](#)]

Total Ozone Mapping Spectrometer - Earth Probe (TOMS-EP) [[+ more](#)]

Topography Experiment for Ocean Circulation/Poseidon (TOPEX/Poseidon) [[+ more](#)]

Transition Region and Coronal Explorer (TRACE) [[+ more](#)]

Tropical Rainfall Measuring Mission (TRMM) [[+ more](#)]

Two Wide-Angle Imaging Neutral-Atom Spectrometers (TWINS) [[+ more](#)]

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Upper Atmosphere Research Satellite (UARS) [[+ more](#)]

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Widefield Infrared Survey Explorer (WISE) [[+ more](#)]

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