

Come to Goddard!



The Goddard Visitor Center

Visit us to see

exciting model rocket launches, hear informative lectures and watch the awe-inspiring "Science on a Sphere" exhibit.

[Plan your visit](#)

Contact Information



Get in Touch with NASA Goddard

This page contains contact information, maps and driving directions to the

Goddard Space Flight Center and its affiliated facilities.

[Visit the site](#)

Robert H. Goddard



Who Was Dr. Goddard?

Learn more about the American rocketry pioneer for whom the Goddard

Space Flight Center is named.

[Read more](#)

Conclusion

"The discovery overturns a long-standing belief about how and when most of the solar particles penetrate Earth's magnetic field, and could be



Artist's concept of Earth's magnetic field.

Credit: NASA

[> View streaming video](#)

[> NASA's Hurricane Web Site](#)

[Return to Hubble](#)

used to predict when solar storms will be severe," said Vassiliis Angelopoulos, THEMIS's principal investigator. "Based on these results, we expect more severe storms during the upcoming solar cycle."

Page Last Updated: December 19, 2008

Page Editor: Lynn Jenner

NASA Official: Brian Dunbar

[> Read more and view related videos](#)

Budgets, Strategic Plans and Accountability Reports
 Equal Employment Opportunity Data Posted Pursuant to the No Fear Act
 Information Dissemination Policies and Inventories

Freedom of Information Act
 President's Management Agency
 Privacy Policy & Important Notices, scheduled to be the last time
 Inspector General Hotline
 Office of the Inspector General



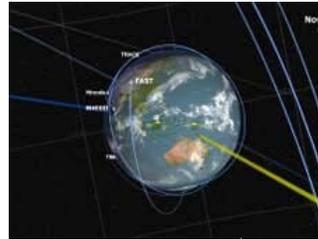
Hubble Servicing Mission 4

Read about the upcoming Servicing Mission 4, scheduled to be the last time astronauts will service the Hubble Space Telescope.
[SM4 on the Web](#)

Explore the Entire Region of the Sun's Influence with NASA's Heliophysics 'Virtual Observatories'

Have you ever wondered how much data exist about the sun and how it affects the solar system and beyond? Data sets and images returned from NASA's cadre of space physics spacecraft, known collectively as the Heliophysics Great Observatory, now can be accessed through one convenient location at the Heliophysics Data Environment (HPDE) web site.

Inspired by a desire to make finding space physics information as easy as book lovers locate a text on Amazon.com, the heliophysics virtual observatories offer a wealth of resources to learn more about the sun, Earth and heliosphere. The data are held all around the world, and the virtual observatories make accessing it easy. Armchair astronomers and space-weather aficionados alike will all find something to spark their interest in this vast well of information.



[> Click for a streaming video of Goddard's Heliophysics Observatories \(Windows Media Viewer\)](#)
 Credit: NASA

[> Read more](#)

Going on at Goddard

Latest Issue of the GoddardView



[> Goddard View, Vol. 4 Issue 21](#)

Goddard View showcases people and achievements at Goddard that contribute to transforming human understanding of Earth and space through innovation, exploration and discovery. [Newsletter archives](#)

News Archive



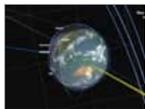
New One-of-a-Kind Technology Will Fly on Two NASA Missions

NASA researchers have created an advanced data compression algorithm that will increase science data return for NASA missions.



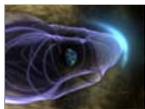
NASA Goddard and University of Idaho Create Solutions for 2 NASA Missions

NASA researchers have created an advanced data compression algorithm that will increase science data return for NASA missions.



Explore the Entire Region of the Sun's Influence

Inspired by a desire to make finding space physics information as easy as book lovers locate a text on Amazon.com, the heliophysics virtual observatories offer a wealth of resources to learn more about the sun, Earth and heliosphere.



Sun Often "Tears Out A Wall" In Earth's Solar Storm Shield

Earth's magnetic field, which shields our planet from particles streaming outward from the sun, often develops two holes that allow the largest leaks, according to researchers sponsored by NASA and the National Science Foundation.



Mission Operations Readiness Review for NPOESS Preparatory Project Completed

A comprehensive Mission Operations Readiness (MOR) review of the National Polar-orbiting Operational Environmental Satellite System (NPOESS) Preparatory Project (NPP) was successfully completed last month.

[View Archives](#)

Goddard in HD



Hi-Def Video

View, download and order high-definition video and animations from the Goddard Space Flight Center. [View the Site](#)