

Make Your Own Sun-Earth Connections

Thanks to the Internet, it is easy for you to keep up with the latest observations and breakthroughs in the study of Sun and Earth. In fact, anyone who can access the World Wide Web can study the Sun, Earth's magnetosphere, and interplanetary space, because that is where ISTP scientists receive and share their data.

Many of the observations made by ISTP are available within hours to days after they are made, allowing you to witness science in action. In particular, every time a CME lifts off the Sun and heads toward Earth, you can watch the storm develop by viewing some of the same images and data sets that space physicists are using. So don't wait for science to show up in your textbooks or magazines--look over a scientist's shoulder and watch it happen.



[Movie: Polar Launch](#)
(500K MPEG)



[Movie: Two Comets Hit Sun](#)
(500K MPEG)

Mission to Geospace

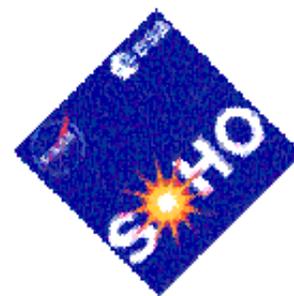
To learn more about how and why physicists study the space around Earth, go to

<http://www-istp.gsfc.nasa.gov>.

The site includes easy to read articles and primers; a place to question and read about real scientists; activities, images and movies; and an extensive library of news items and articles about the latest and greatest discoveries from our neighborhood in space.

SOHO Explore

To learn more about the Sun as seen through the keen eyes of the Solar and Heliospheric Observatory, go to <http://seal.nascom.nasa.gov/explore/>. The site includes exercises, glossaries, activities, and lessons in solar science, as well as information about a poster called "New Views of the Sun" and a place to get all your Sun questions answered.



[Movie: 30 Days of Magnetograms](#)
(JAVA)

Live Storms from the Sun

Every time the Sun spits a CME in Earth's direction, scientists track it online at <http://www-istp.gsfc.nasa.gov/istp/events/>.

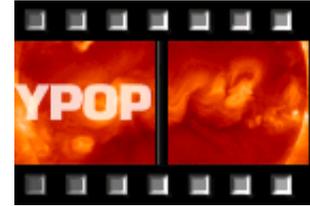
International Solar Terrestrial Physics Program

To see the same raw, unedited data and images that ISTP scientists view, visit <http://www-istp.gsfc.nasa.gov/istp/>. These pages can be quite technical, but they are the real deal.

Yohkoh Public Outreach Project

The YPOP site includes a range of activities for youngsters, parents, teachers

and anyone interested in learning more about the Sun. You can make your own movies, see the latest solar images, take a tour of the Sun and much much more at <http://www.lmsal.com/YPOP>



[Movie: Sun Diver](#)
(700K MPEG)

NEXT PANEL: [Measure the Motion of a Coronal Mass Ejection](#)

Brought to you by the International Solar-Terrestrial Physics Program and NASA.

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