



On the cover: Astronauts on the Space Shuttle Atlantis photographed Hubble's back end after its release into free flight May 19th.

FEATURES

NASA Sets Its Sights on the Sun

The Solar Dynamics Observatory will reveal new details about how the Sun generates powerful storms that affect Earth.

By Laura Layton & Dean Pesnell

COVER STORY

Finding the First Galaxies

Hubble has imaged the most distant galaxies yet, but to see the *first* galaxies, astronomers need to go even deeper.

By Jonathan P. Gardner

July's South Pacific Eclipse

On July 11th a lot of ocean and a few tiny bits of land will lie under a Moon-blackened Sun. By Fred Espenak & Jay Anderson

36 Hot Products for 2010

Our annual roundup of Hot Products highlights the most intriguing new astronomy gear on the market. By Dennis di Cicco

Spacecraft Imaging for Amateurs

An international community of space enthusiasts has become adept at processing and reinterpreting images from planetary spacecraft. By Emily Lakdawalla

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