SKY AND TELESCOPE

CONTENIDO

VOLUME 122 No. 1 JULY 2011

FACTURES

CO	VIPID	STO	$\mathbf{D}\mathbf{V}$
CU	V LK	210	KI

Where the Hot Stuff Is.

Volcanism takes a variety of forms on other worlds.

Rosaly Lopes.

Neptune Comes Full Circle.

As Neptune completes a full orbit since its discovery, it's a good time to reflect on one of the greatest stories in astronomy lore.

William Sheehan.

36 Sketching M51.

For seeing all that's in the eyepiece, nothing beats the discipline of sketching.

Howard Banich.

40 **Double Stars of Summer.**

The summer sky has an abundance of double and multiple stars.

James Mullaney.

72 Building Mosaics in PixInsight.

Stitching together seamless mosaics is easy with this multi-platform software.

Rogelio Bernal Andreo.

THIS MONTH'S SKY

42 Northern Hemisphere's Sky.

Fred Schaaf.

- July's Sky at a Glance.
- 45 Binocular Highlight.

Gary Seronik.

- 46 Planetary Almanac.
- 48 Sun, Moon, and Planets.

Fred Schaaf.

50	Exploring the Solar System. William Sheehan.
64	Celestial Calendar. Tony Flanders.
66	Deep-Sky Wonders. Sue French.

S & T TEST REPORT

60 **iOptron's New 6-inch Mak & German Equatorial Mount.**These recent additions to the iOptron family of telescope and mounts are aimed at serious observers and astrophotographers.

Dennis di Cicco.

ALSO IN THE ISSUE

- 6 **Spectrum** *Robert Naeye.*
- 8 Letters
- 10 **75, 50 & 25 Years Ago.** *Roger W. Sinnott.*
- 12 News Notes
- 56 Cosmic Relief.

 David Grinspoon.
- 38 New Product Showcase.
- 70 **Telescope Workshop.** *Gary Seronik.*
- 76 Gallery.
- **Focal Point** *Andre Bormanis.*

ON THE COVER:

Artist Ron Miller portrays an erupting volcano on Jupiter's moon lo, the solar system's most volcanically active world.