



NATIONAL OPTICAL ASTRONOMY OBSERVATORY

Cerro Tololo ● Kitt Peak ● U.S. Gemini Program

NATIONAL SOLAR OBSERVATORY

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Newsletter No. 60

December 1999

The Rosette Nebula

An image of the Rosette Nebula (NGC 2237) taken with the KPNO 0.9m Telescope using the Mosaic camera. (Travis A. Rector, Brenda Wolpa, and Mark Hanna, NOAO/AURA/NSF)

Cover Image: The Rosette Nebula

NOAO's CCD Mosaic imagers provide US astronomers with the ability to survey large areas of sky with excellent spatial resolution (0.26") and sensitivity ($R > 26$; $B > 26.5$). Nearly identical 8K×8K imagers are available at the 4-m telescopes at the Kitt Peak National Observatory in the north and at the Cerro Tololo Inter-American Observatory in the south.

This image of the Rosette Nebula (NGC 2237) was taken with Mosaic at the National Science Foundation's 0.9-m telescope on Kitt Peak. Five 10-minute exposures were made with H α , O[III], and S[II] filters and assigned to the red, green, and blue color channels, respectively, to create this false color image.

The NOAO Newsletter is Published Quarterly by the National Optical Astronomy Observatory P.O. Box 26732, Tucson, Arizona 85726-6732

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