

The Astronomer's Telegram

[GCN](#)

[Post](#) | [Search](#) | [Policies](#)

[IAUCs](#)

[Credential](#) | [Feeds](#) | [Email](#)

Other

ATel on [Twitter](#)
and [Facebook](#)

1 Aug 2014; 18:04 UT

[ATELstream](#)

[ATel Community](#)
[Site](#)

MacOS:
[Dashboard](#)
[Widget](#)

[[Previous](#) | [Next](#)]

Start of Eta Car's X-ray Minimum

ATel #6357; [Michael F. Corcoran \(NASA/GSFC-CRESST/USRA\), Jamar Liburd \(U. VI\), Kenji Hamaguchi \(NASA/GSFC-CRESST/UMBC\), Theodore Gull \(NASA/GSFC\), Thomas Madura \(NASA/GSFC/NPP\), Mairan Teodoro \(NASA/GSFC/CNPq\), Anthony Moffat and Noel Richardson \(U. Montreal\), Chris Russell \(U. Delaware\), Andrew Pollock \(ESA\), Stan Owocki \(U. Delaware\)](#)
on 1 Aug 2014; 10:13 UT

Credential Certification: Michael Corcoran (michael.f.corcoran@nasa.gov)

Subjects: X-ray, Binary, Star

Analysis of Eta Car's X-ray spectrum in the 2-10 keV band using quicklook data from the X-Ray Telescope on Swift shows that the flux on July 30, 2014 was $4.9 \pm 2.0 \times 10^{-12}$ ergs $s^{-1}cm^{-2}$). This flux is nearly equal to the X-ray minimum flux seen by RXTE in 2009, 2003.5, and 1998, and indicates that Eta Car has reached its X-ray minimum, as expected based on the 2024-day period derived from previous 2-10 keV observations with RXTE.

[Swift XRT Eta Car 2-10 keV lightcurve through July 30 2014](#)

[[Telegram Index](#)]

R. E. Rutledge, Editor-in-Chief

rrutledge@astronomerstelegram.org

[Swift: 10 Years of](#)
[Discovery](#)

[This meeting will review](#)
[recent advances on the](#)
[high-energy transient](#)
[Universe](#)
[Rome, Italy](#)
[2-5 Dec 2014](#)

Derek Fox, Editor

Mansi M. Kasliwal, Co-Editor

dfox@astronomerstelegram.org

mansi@astronomerstelegram.org