



**Chandra X-ray  
Observatory Center**

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**Eta Carinae:** Visualization Explores A Massive Star's Great Eruption  
(Credit: A. Fujii, J. Morse (BoldlyGo Inst), N. Smith (U Arizona), Hubble SM4 ERO Team, NASA, ESA, STScI, JPL-Caltech, CXC, ESO, NOAO, AURA, NSF)

**Caption:** A three-dimensional visualization of Eta Carinae, a massive star that had an enormous eruption observed in the 1840s, is based upon multiwavelength data from Chandra, Hubble, and Spitzer. Data from each set of different wavelengths of light reveal different structures and provide more information about the outbursts of Eta Carinae and structures that exist today. Since its launch in 1999, Chandra has observed Eta Carinae multiple times to investigate more about it through the X-rays it generates. This visualization is presented by the AstroViz Project of NASA's Universe of Learning.

**Scale:** X-ray component is about 1.1 arcmin (2.4 light years) across.

*Chandra X-ray Observatory ACIS Image*

*CXC operated for NASA by the Smithsonian Astrophysical Observatory*

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