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X-ray Image of Crab Nebula 
NASACCERAO 
The is Chandra's raw image of the most studied object outside the solar 
system-the Crab Nebula, remnant of a supermore that Chinese 
stationomers observed in 1054 A.D. Alticonter is a public an enutron star 
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stationomers observed in 1054 A.D. Alticonter is a public an enutry the 
system of the station from a hope bubble of high-energy electrons serveral 
sight years in dismeter. The notical (the term across when such fuzzy 
objects were not understood) producing energy at the rate of 100,000 
suns. The Crab is about 6,000 light years from Earth.



X-ray image of Crab Nebula Adaptively Smoothed MASAXXSAO short out more detailed structural information from raw short-othing can bring out more detailed structural information from raw short with the average of its neighbors. Smoothing lost registers of each pixel with the average of its neighbors. Smoothing lost registers of each analysis of the structure of the short of the short of the short of easier to see. False color was added. The lighter, the more intense the X-ray emissions.

Crain Nebula Through Different Eyes
The same object can look quite different depending on the wavelength
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their glottered and the nature of the signal processing. All bus images is
a version of the Chandra image with less smoothing than in the log image
a version of the Chandra image with less smoothing than in the log image
above. (This is the version originary interested to the mode.) The next three
images thore the Chandra images with less smoothing than in the log image
above, and the signal of the control of the

Upper Left: X-Ray Image NASA/CXS/SAO

Upper Right: Optical Image Palomar Observatory

Lower Left: Infrared Image W.M. Keck Observatory

Lower Right: Radio Image VLA/NRAO







