



**Chandra X-ray
Observatory Center**

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NGC 1333: A young star cluster about 780 light years from Earth.

(Credit: X-ray: NASA/CXC/SAO/S.Wolk et al; Optical: DSS & NOAO/AURA/NSF; Infrared: NASA/JPL-Caltech)

Caption: NGC 1333 is a cluster that contains many stars that are less than two million years old, which is very young in astronomical terms. This new composite image combines Chandra's X-rays (pink) of NGC 1333 with infrared data from Spitzer (red) and visible light data from ground-based telescopes (red, green, and blue). The Chandra data reveal 95 young stars glowing in X-ray light, 41 of which had not been identified previously. In addition, X-ray observations can reveal information about the physical properties and behaviors of these very young stars.

Scale: Image is 18 arcmin across (about 4 light years)

Chandra X-ray Observatory ACIS Image

CXC operated for NASA by the Smithsonian Astrophysical Observatory
