



**Chandra X-ray
Observatory Center**

Harvard-Smithsonian Center for Astrophysics
60 Garden St. Cambridge, MA 02138 USA
<http://chandra.harvard.edu>

G306.3-0.9: A supernova remnant in the Milky Way at a distance of about 26,000 light years away from Earth.

(Credit: X-ray: NASA/CXC/Univ of Michigan/M.Reynolds et al; Infrared: NASA/JPL-Caltech; Radio: CSIRO/ATNF/ATCA)

Caption: The previously unknown remains of a shattered star have been found by NASA's Swift satellite. A follow-up Chandra observation helped glean more information about this object known as G306.3-0.9. This composite image merges X-rays from Chandra (blue), infrared data from Spitzer (red and cyan), and radio observations (purple) from the Australia Telescope Compact Array. Analysis of the data indicates this supernova remnant is less than 2,500 years old, making it one of the 20 youngest known in the Milky Way.

Scale: Image is 20 arcmin across (150 light years across)

Chandra X-ray Observatory ACIS Image

CXC operated for NASA by the Smithsonian Astrophysical Observatory
