



## G327

G327.1-1.1 is the aftermath of a massive star that exploded in the Milky Way galaxy. The highly magnetic, rapidly spinning neutron star left behind after the explosion is producing a wind of relativistic particles, seen in X-rays by Chandra and XMM-Newton (blue) as well as in the radio data (red and yellow). The X-ray observations allow scientists to estimate the energy released during the supernova explosion and the age of the remnant, as well as the amount of material being swept up as the blast wave from the explosion expands. The large red circular feature is produced by radio emission from the blast wave. This composite image also contains infrared data from the 2MASS survey showing stars in the field.

## August 2011

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