



**Chandra X-ray  
Observatory Center**

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**NGC 5315:** A planetary nebula about 7,000 light years from Earth in the constellation of Circinus  
(Credit: NASA/CXC/RIT/J. Kastner et al.)

**Caption:** This image of NGC 5315 shows the box-shaped outlines for two of the detectors on Chandra, plus the so-called aimpoint of the telescope, where the Chandra images are the sharpest (the spatial resolution of Chandra images, like those for other X-ray telescopes, decreases with distance from the aimpoint). For optimal imaging of Hen 2-99, Chandra was pointed so that this planetary nebula would fall near the aimpoint. Although Hen 2-99 was too faint to be detected, the planetary nebula NGC 5315 was serendipitously detected a large distance away from the aimpoint, where the image is not as sharp.

**Scale:** Inset is approx. 5 arcmin across.

*Chandra X-ray Observatory ACIS Image*

*CXC operated for NASA by the Smithsonian Astrophysical Observatory*