



**Chandra X-ray  
Observatory Center**

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**Sagittarius A\*:** The supermassive black hole at the center of the Milky Way galaxy.  
(Credit: NASA/CXC/MIT/F.K. Baganoff et al.)

**Caption:** This Chandra image of Sgr A\* and the region around it was based on almost two weeks of observing time. A theoretical model based on these deep data has been produced to help explain why this giant black hole seems to consume so little material. Scientists have also used these data to probe supernova remnants and lobes of hot gas extending away from the black hole. The image also contains several mysterious X-ray filaments.

**Scale:** Image is 15 arcmin across.

*Chandra X-ray Observatory ACIS Image*

*CXC operated for NASA by the Smithsonian Astrophysical Observatory*

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