



# CENTAURUS A

In a long Chandra exposure lasting over seven days, Centaurus A reveals the effects of the supermassive black hole at its center. Opposing jets of high-energy particles are seen extending to the outer reaches of the galaxy, and numerous smaller black holes in binary star systems are also visible. In this image, low-energy X-rays are colored red, intermediate-energy X-rays are green, and the highest-energy X-rays detected by Chandra are blue. The dark green and blue bands running almost perpendicular to the jet are dust lanes that absorb X-rays, created when Centaurus A merged with another galaxy perhaps 100 million years ago.

## JULY 2009

Su	Mo	Tu	We	Th	Fr	Sa
			01	02	03	04
● 05	06	07	08	09	10	11
12	☾ 13	14	15	16	17	18
19	○ 20	21	22	23	24	25
26	27	☽ 28	29	30	31	