



X-RAY

## GRS 1915+105

By monitoring the unusual black hole system GRS 1915+105 for over eight hours with Chandra and the RXTE satellite astronomers saw that it pulses in X-ray light every 50 seconds. GRS 1915+105 contains a black hole about 14 times the mass of the Sun. It is feeding off material from a companion star. The Chandra data, seen to the left in the inset, help to demonstrate that the X-ray pulses are generated by changes in the flow of material falling toward the black hole. The main image shows the crowded star field containing GRS 1915+105 in optical light from the Digital Sky Survey.

## August 2012

S	M	T	W	Th	F	Sa
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	