



JULY 2021

S	M	T	W	Th	F	Sa
				1 ☾	2	3
4 Independence Day	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 ☾

TERZAN 5

Astronomers observed a neutron star in orbit with a low-mass companion acting in an unusual way. Using X-ray data from Chandra (purple), researchers saw that Terzan 5 CX1 had traits of a “low-mass X-ray binary” before it started behaving like a millisecond pulsar, and then years later returned to its original role. In this image, Chandra data were combined with optical data from Hubble of the Terzan 5 globular cluster, located about 19,000 light years from Earth.

Credit: NASA/CXC/Univ. of Amsterdam/N.Degenaar, et al.