



MARCH 2022

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		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		

X-ray images from Chandra show a young star (called “Lagoon 180402.88–242140.0”) in the Lagoon Nebula that experienced a “mega-flare”. This flare was about 250,000 more energetic than the most powerful flare observed by modern astronomers on the Sun, and lasted for about three and a half hours. It was followed by a smaller flare. This star is only about 1.5 million years old — compared to the Sun’s age of 4.5 billion years — and has a mass about three times that of the Sun.

Credit: X-ray: NASA/CXC/Penn State/K. Getman, et al.