



## JANUARY 2022

S	M	T	W	Th	F	Sa
●						1 <small>New Year's Day</small>
2 ●	3	4	5	6	7	8
9 ◐	10	11	12	13	14	15
16	17 <small>Martin Luther King, Jr.</small> ○	18	19	20	21	22
23	24	25 ◑	26	27	28	29
30	31					

### URANUS

Astronomers have detected X-rays from Uranus for the first time, using NASA's Chandra X-ray Observatory. This result may help scientists learn more about this enigmatic ice giant planet in our solar system. Uranus is the seventh planet from the Sun and has two sets of rings around its equator. The planet, which has four times the diameter of Earth, rotates on its side, making it different from all other planets in the solar system. In the new study, researchers used Chandra observations taken in Uranus in 2002 and then again in 2017. They saw a clear detection of X-rays from the first observation, just analyzed recently, and a possible flare of X-rays in those obtained fifteen years later.

Credit: X-ray: NASA/CXO/University College London/W. Dunn et al; Optical: W.M. Keck Observatory