



NOVEMBER 2021

S	M	T	W	Th	F	Sa
	1	2	3	4 ○	5	6
7	8	9	10	11 ☾ <small>Veterans Day</small>	12	13
14	15	16	17	18	19 ●	20
21	22	23	24	25 🦃 <small>Thanksgiving Day</small>	26	27 🌑
28	29	30				

OPHIUCHUS GALAXY CLUSTER

Astronomers discovered the biggest explosion seen in the Universe in the Ophiuchus galaxy cluster, which is located about 390 million light years from Earth. Galaxy clusters are the largest structures in the Universe held together by gravity, containing thousands of individual galaxies, dark matter, and hot gas. The hot gas that pervades clusters like Ophiuchus gives off much of its light as X-rays. Credit: X-ray: Chandra: NASA/CXC/NRL/S. Giacintucci, et al., XMM: ESA/XMM; Radio: NCRA/TIFR/GMRT; Infrared: 2MASS/UMass/IPAC-Caltech/NASA/NSF