







SEPTEMBER 2022

S	M	T	W	Th	F	Sa
				1	2	3 
4	5 Labor Day	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	

MESSIER 51 (M51)

Nearly a million seconds of observing time with NASA's Chandra X-ray Observatory was used to capture this image of Messier 51, also known as the Whirlpool Galaxy. Like the Milky Way, the Whirlpool is a spiral galaxy with spectacular arms of stars and dust. M51 is located about 30 million light years from Earth, and its face-on orientation to Earth gives us a perspective that we can never get of our own spiral galactic home.

Credit: NASA/CXC/Penn State/B.Luo et al.; Sonification: NASA/CXC/SAO/K.Arcand, SYSTEM Sounds (M. Russo, A. Santaguida)