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Antoinette Bing Zaté, Leslie Zychowski

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NORTHROP-

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TAKE A LOOK AT THE **NUMBERS THAT HAVE DEFINED CHANDRA'S** FIRST 25 YEARS IN SPACE.



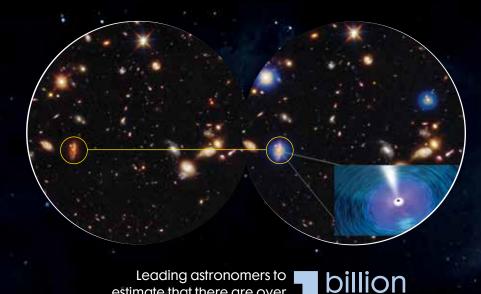
trillion

bytes of raw data aenerated since the beginning of its mission, the equivalent of streaming over **9.8** million songs.

> black holes over the entire sky.

million

seconds, equal to two-and-a-half months, of total exposure time — so far. The deepest X-ray image ever obtained is from Chandra's observation of a region of the cosmos known as the Chandra Deep Field-South. The image released after this observation contained the highest concentration of black holes ever seen.



estimate that there are over

11,219

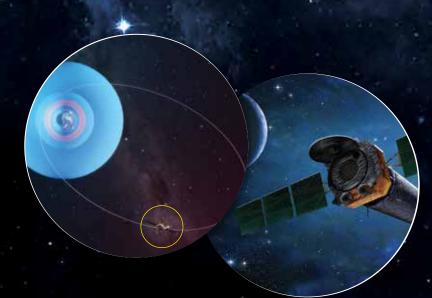
research papers have been published thanks to Chandra's findings, an average of more than **500** per year.

new PhDs are minted each year, on average, with Chandra's research, observations and discoveries pushing them across the academic finish line.

10,560_{lbs.}

Chandra is heavier than the average killer whale.





Taking approximately

hours

to complete, Chandra's elliptical orbit typically sees the spacecraft reach an altitude of around

86,400 miles.

600

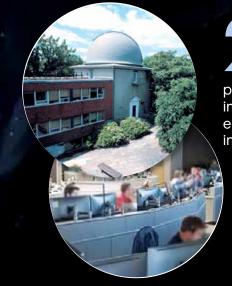
of electrical power are required to operate Chandra and its instruments, less power than an average hair



Named after Nobel Prize winner Subrahmanyan Chandrasekhar, Chandra is the first space telescope named after a person of color. It was launched in 1999 aboard NASA's Columbia, the first space shuttle commanded by a woman, astronaut Eileen Collins.



about NASA's Great Observatories.





people support the observatory including more than **30** Northrop Grumman employees — at the Chandra X-ray Center in Massachusetts.

















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1 Photos courtesy of NASA/CXC/SAO