

# Hubble passes 1-billion-second mark

January 6 2022

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Credit: NASA

On Jan. 1, 2022, NASA's Hubble Space Telescope officially passed the one-billion second mark.

Hubble was deployed from the Space Shuttle Discovery's cargo bay on April 25, 1990, making it one-billion seconds (over 31 years) since

Hubble began operating. For more than three decades, Hubble has provided us with [groundbreaking scientific discoveries](#) and iconic images of space.

Hubble's first one-billion seconds included five astronaut servicing missions to replace and repair components of the telescope, and more than [1.5 million scientific observations](#) and counting. We can only imagine what discoveries the next one-billion [seconds](#) will bring as new telescopes like the recently launched James Webb Space Telescope and the future Nancy Grace Roman Space Telescope build upon Hubble's discoveries and work together with Hubble to expand our understanding of the universe.

Provided by NASA's Goddard Space Flight Center

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