



Hubble and James Webb Space Telescopes

The latest spectacular images from the cosmos

2026

Cover
IRAS 04302+2247



IRAS 04302+2247 is a planet-forming disc located about 525 light-years away in a dark cloud within the Taurus star-forming region. This beautiful Webb image shows an example of a protostar (a young star that is still gathering mass from its environment) surrounded by a protoplanetary disc in which baby planets might be forming.

Credit: ESA/Webb, NASA & CSA, M. Villenave et al.

January
NGC 346



As part of Hubble's 35th anniversary celebrations, ESA/Hubble published this new image of the star cluster NGC 346, featuring new data and processing techniques. This prolific star factory is in the Small Magellanic Cloud, one of the largest of the Milky Way's satellite galaxies.

Credit: ESA/Hubble & NASA, A. Nota, P. Massey, E. Sabbi, C. Murray, M. Zamani (ESA/Hubble)

February
Galaxy cluster Abell S1063



This image from Webb features a mega-monster galaxy cluster known as Abell S1063, lying 4.5 billion light-years from Earth in the constellation Grus. The dense collection of heavy galaxies is surrounded by glowing streaks of light, and these warped arcs demonstrate gravitational lensing.

Credit: ESA/Webb, NASA & CSA, H. Atek, M. Zamani (ESA/Webb)

March
Cat's Paw Nebula



To celebrate Webb's third year of highly productive science in July 2025, astronomers used the telescope to scratch beyond the surface of the Cat's Paw Nebula (NGC 6334), a massive, local star-forming region.

Credit: NASA, ESA, CSA, STScI

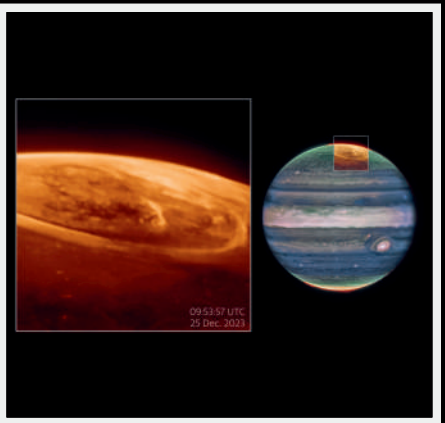
April
Messier 72



ESA/Hubble revisited the star cluster Messier 72 in April 2025 to celebrate Hubble's 35th anniversary with new data and image processing techniques. This is a particularly special target because it was the first image ever published in the ESA/Hubble Picture of the Week series in April of 2010.

Credit: ESA/Hubble & NASA, A. Sarajedini, G. Piotto, M. Libralato

May
Auroras on Jupiter



In these Webb images taken in December 2023, our Solar System's largest planet shows off new details in its auroras (shown in the left image), which are hundreds of times brighter than those seen on Earth.

Credit: NASA, ESA, CSA, STScI, Ricardo Hueso (UPV), Imke de Pater (UC Berkeley), Thierry Fouchet (Observatory of Paris), Leigh Fletcher (University of Leicester), Michael H. Wong (UC Berkeley), Joseph DePasquale (STScI), J. Nichols (University of Leicester), M. Zamani (ESA/Webb)

June
Star cluster Pismis 24



Called Pismis 24, this young star cluster resides in the core of the nearby Lobster Nebula, approximately 5,500 light-years from Earth in the constellation Scorpius. Home to a vibrant stellar nursery and one of the closest sites of massive star birth, Webb provides us with rare insights into large and massive stars.

Credit: NASA, ESA, CSA, and STScI, A. Pagan (STScI)

July
Sombrero Galaxy



Located around 30 million light-years away in the constellation Virgo, this Hubble image features the Sombrero Galaxy. Viewed nearly edge on, the galaxy's softly luminous bulge and sharply outlined disc resemble the rounded crown and broad brim of the Mexican hat from which the galaxy gets its name.

Credit: ESA/Hubble & NASA, K. Noll

August
Butterfly Nebula



This image set showcases three views of the Butterfly Nebula, also called NGC 6302. The first and second of the three images shown feature the nebula in optical and near-infrared light captured by Hubble. The Webb image on the right zooms in on the object's centre.

Credit: ESA/Webb, NASA & CSA, M. Matsuura, J. Kastner, K. Noll, ALMA (ESO/NAOJ/NRAO), N. Hirano, J. Kastner, M. Zamani (ESA/Webb)

September
Eagle Nebula



This image was shared by ESA/Hubble as part of Hubble's 35th anniversary celebrations and incorporates new data processing techniques. It shows a small portion of the Eagle Nebula that is 9.5 light-years long and 7,000 light-years away from Earth. This vast stellar nursery displays a towering spire of cosmic gas and dust.

Credit: ESA/Hubble & NASA, K. Noll

October
NGC 5335



Hubble captures in exquisite detail a face-on view of the remarkable-looking galaxy NGC 5335 in this image. This is a flocculent spiral galaxy with patchy streamers of star formation across its disc. A notable bar structure slices across the center of the galaxy.

Credit: NASA, ESA, STScI

November
NGC 6072



This image shows Webb's view of the planetary nebula NGC 6072 in the near-infrared. It highlights a complex scene of multiple outflows expanding out at different angles from a dying star at the centre of the scene. These outflows push gas toward the equatorial plane, forming a disc.

Credit: NASA, ESA, CSA, STScI

December
NGC 1961



A beautiful but skewed spiral galaxy dazzles in this Hubble image. This galaxy, called Arp 184 or NGC 1961, sits about 190 million light-years away from Earth in the constellation Camelopardalis (The Giraffe).

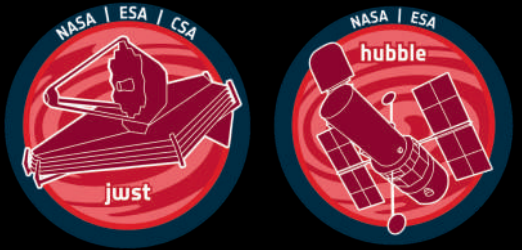
Credit: ESA/Hubble & NASA, J. Dalcanton, R. J. Foley (UC Santa Cruz), C. Kilpatrick

Back page
Tarantula Nebula



This Hubble image captures incredible details in the dusty clouds in the outskirts of a star-forming region called the Tarantula Nebula in the Large Magellanic Cloud, a dwarf galaxy that is located about 160 000 light-years away in the constellations Dorado and Mensa. The Large Magellanic Cloud is the largest of the dozens of small satellite galaxies that orbit the Milky Way.

Credit: ESA/Hubble & NASA, C. Murray





February 2026

Abell S1063

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March 2026

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Cat's Paw Nebula



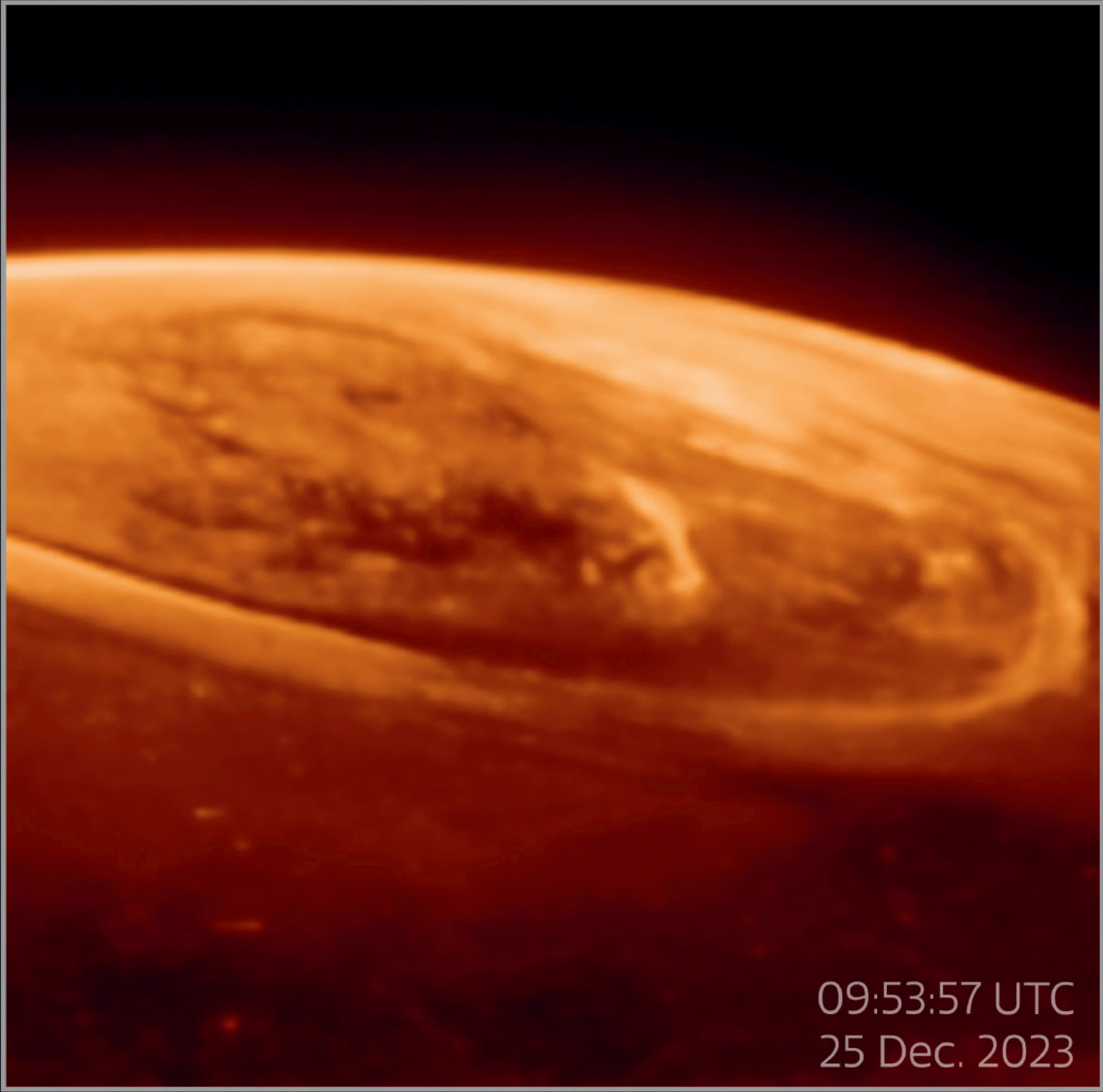


April 2026

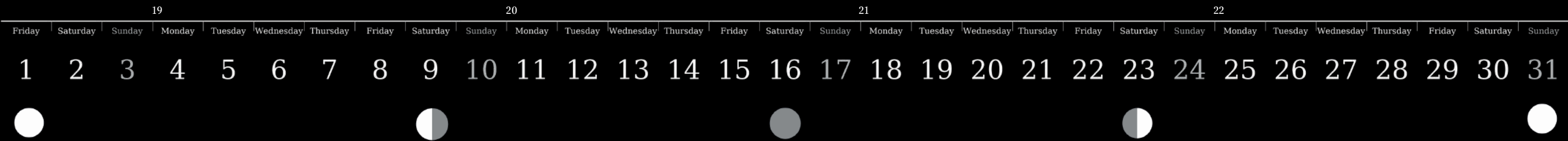
Messier 72

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May 2026







Auroras on Jupiter





June 2026

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Pismis 24



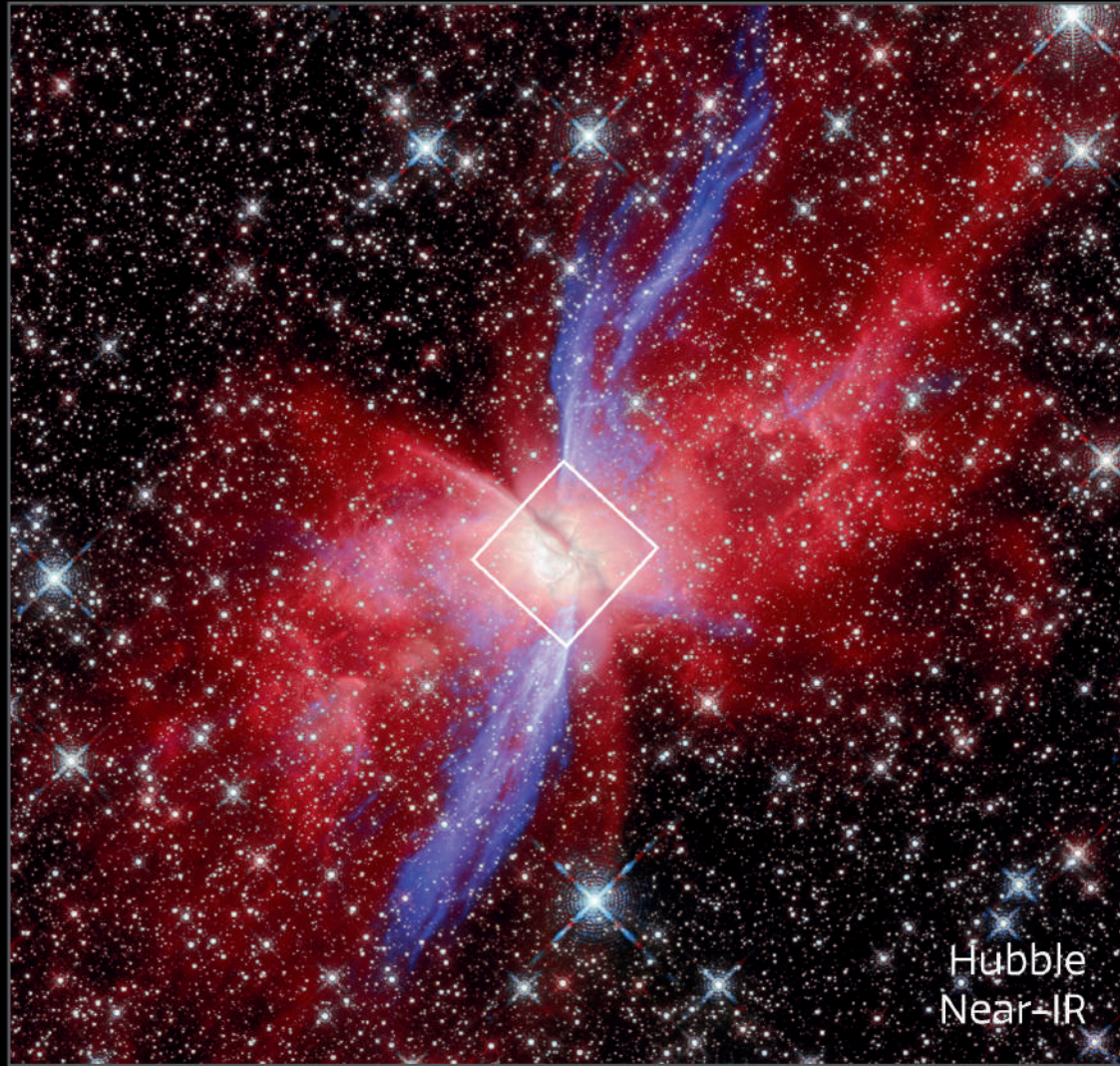
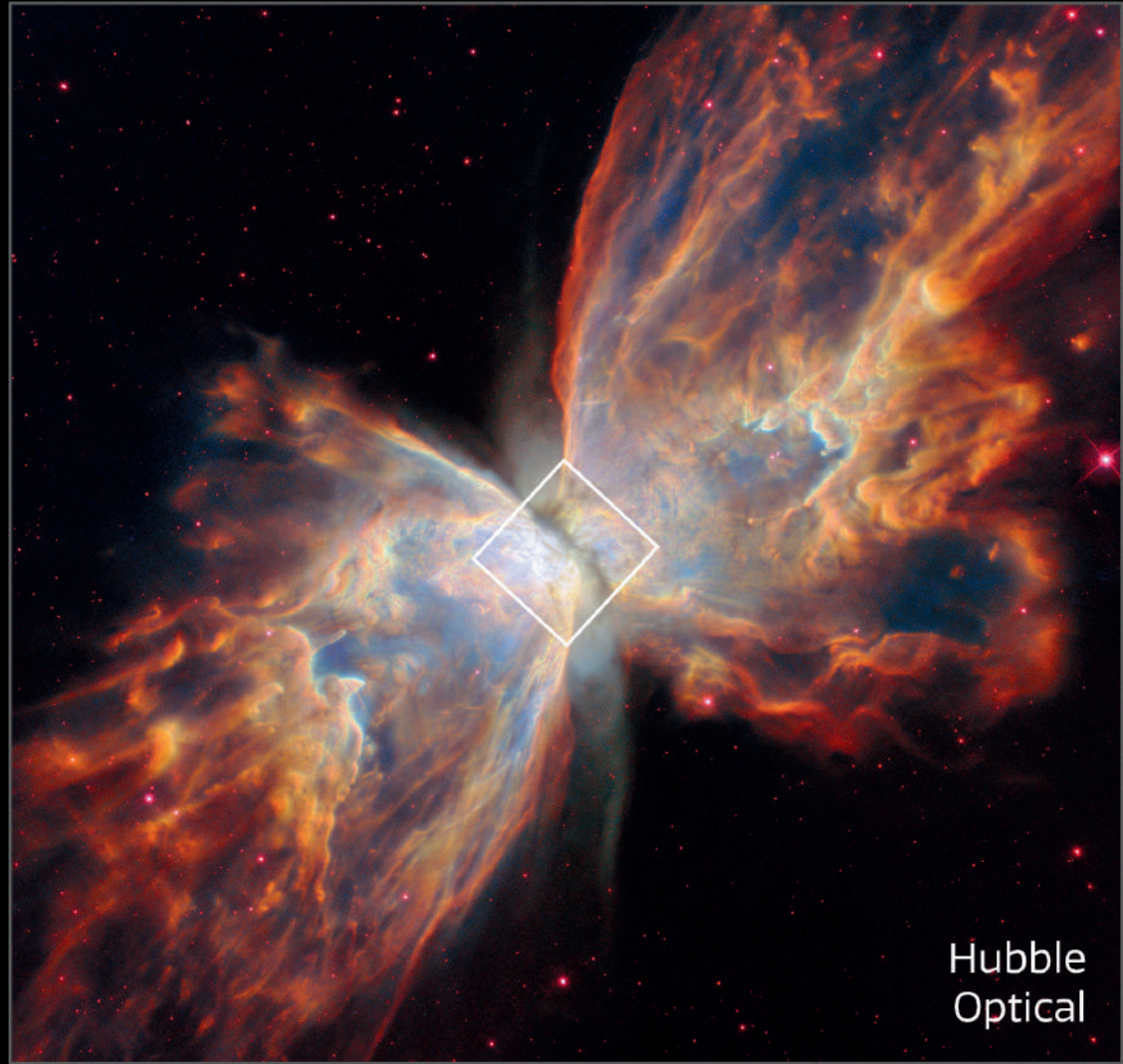


July 2026

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Sombrero Galaxy



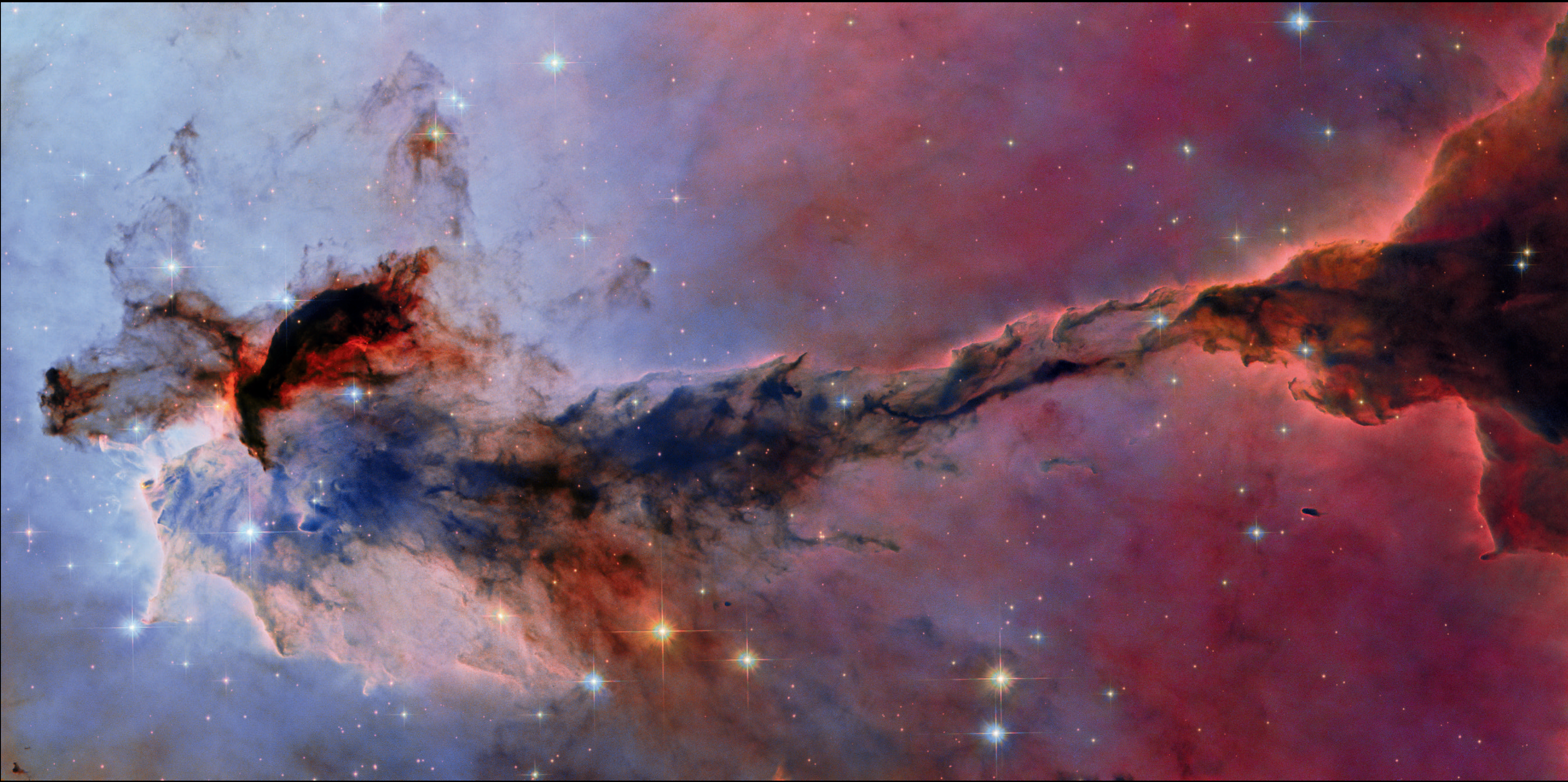


August 2026

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Butterfly Nebula





September 2026

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Eagle Nebula





November 2026

NGC 6072

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December 2026

NGC 1961

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Tarantula Nebula





The images featured in this calendar were taken by the NASA/ESA Hubble Space Telescope and the NASA/ESA/CSA James Webb Space Telescope and were publicly released throughout 2025.