Hubble Space Telescope
Highlights from 35 Years of Discovery

2025

The 35th Anniversary of the NASA/ESA Hubble Space Telescope

Cover
Celestial Fireworks



Featured in this calendar are some of Hubble's most famous photographs, from a selection of anniversaries of the past. In this image, the sparkling centrepiece of Hubble's silver anniversary fireworks is a giant cluster of about 3 000 stars called Westerlund 2.

Credit: NASA, ESA, Hubble Heritage Team (STScI/AURA), A. Nota (ESA/STScI), Westerlund 2 Science Team

January
The Bubble Nebula



Also known as NGC 7635, the Bubble Nebula is an emission nebula located 8 000 light-years away. The almost perfectly symmetrical shell is the result of a powerful flow of gas — known as stellar wind — from the bright star visible just to the left of centre.

Credit: NASA, ESA, Hubble Heritage Team (STScI/AURA)

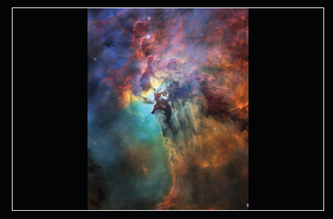
February
A Close Galactic Pair



The galaxy NGC 4298 is seen almost face-on, showing us its spiral arms, blue patches of ongoing star formation and young stars. In the edge-on disc of NGC 4302, huge swathes of dust are responsible for the mottled brown patterns. Both are 55 million light-years away.

Credit: NASA, ESA, M. Mutchler (STScI)

March
Colourful Cosmic Lagoon



This amazing and colourful image shows the Lagoon Nebula. The whole nebula, about 4 000 light-years away, is an incredible 55 light-years wide and 20 light-years tall. This image shows only a small part of this turbulent star-formation region, about four light-years across.

Credit: NASA, ESA, STScI

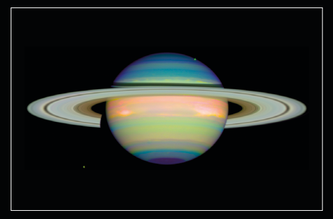
April
Little Dumbbell Nebula



M76, the colourful Little Dumbbell Nebula, is a planetary nebula created by a collapsing red giant star. Hot, vibrant gases are propelled outwards by the now white-dwarf's stellar winds; the red colour is from nitrogen, and blue is from oxygen.

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

May
Saturn in Vivid Colour



This image of Saturn, taken in 1998 with the then-new Near Infrared Camera and Multi-Object Spectrometer (NICMOS), shows the planet's reflected infrared light. This view provides detailed information on the clouds and hazes in Saturn's atmosphere: different colours represent several wavelengths of infrared light reflected from various cloud layers.

Credit: NASA, ESA, E. Karkoschka

June
The Magnificent Messier 82



Messier 82 is a galaxy remarkable for the webs of shredded clouds and flame-like plumes of glowing hydrogen blasting out from its central regions. A starburst galaxy, throughout its central region young stars are being born ten times faster than in our Milky Way galaxy.

Credit: NASA, ESA, Hubble Heritage Team (STScI/AURA)

July
Stars Forming in NGC 1333



This image features the star-forming nebula NGC 1333 in the Perseus molecular cloud. Hubble's colourful view, showcasing its unique ability to obtain images in light from ultraviolet to near-infrared, unveils an effervescent cauldron of gases and dust stirred up by newly forming stars within the dark cloud.

Credit: NASA, ESA, STScI

August
Leisurely Gravitational Dance



This menagerie — named the Hickson Compact Group 40 — includes three spiral-shaped galaxies, an elliptical galaxy and a lenticular (lens-like) galaxy. Somehow, these different galaxies have crossed paths to create an exceptionally crowded and eclectic galaxy sampler. This snapshot shows them falling together before their inevitable merger.

Credit: NASA, ESA, STScI

September
Tapestry of Blazing Star Birth



This image is one of the most photogenic examples of the many turbulent stellar nurseries the Hubble Space Telescope has observed during its 35-year lifetime. The portrait features the giant nebula NGC 2014 and its neighbour NGC 2020, which together form part of a vast star-forming region in the Large Magellanic Cloud.

Credit: NASA, ESA, STScI

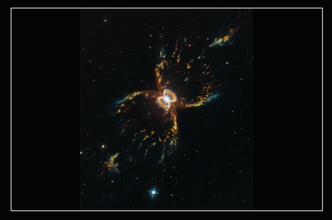
October
Mystic Mountain



This scene of a turbulent cosmic pinnacle in the Carina Nebula has become one of Hubble's most famous and enduring images since its release. Even more dramatic than fiction, it captures the chaotic activity atop a pillar of gas and dust, three light-years tall, which is being eaten away by the brilliant light from nearby bright stars.

Credit: NASA, ESA, M. Livio, Hubble 20th Anniversary Team (STScI)

November
The Crab of the Southern Sky



The interaction between a pair of stars at its centre, a red giant and a white dwarf, causes eruptions of material which become the delicate form of the Southern Crab Nebula. Hubble images revealed the details of the nebula's nested inner structure for the first time.

Credit: NASA, ESA, STScI

December
Bright Star in Turmoil



The giant star in this image is waging a tug-of-war between gravity and radiation to avoid self-destruction. Called AG Carinae, it's surrounded by an expanding shell of gas and dust — a nebula, about five light-years wide — that is shaped by the powerful winds of the star.

Credit: NASA, ESA, STScI

2025

Moon phases are indicated in Universal Time.



The Bubble Nebula

January 2025

Wednesday	Thursday	Friday	Saturday	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday
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A Close Galactic Pair

February 2025

Saturday	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	Monday
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	1	2	3
		6							7							8							9							10	



Colourful Cosmic Lagoon

March 2025

Saturday	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	Monday
1	2	3	4	5	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	31
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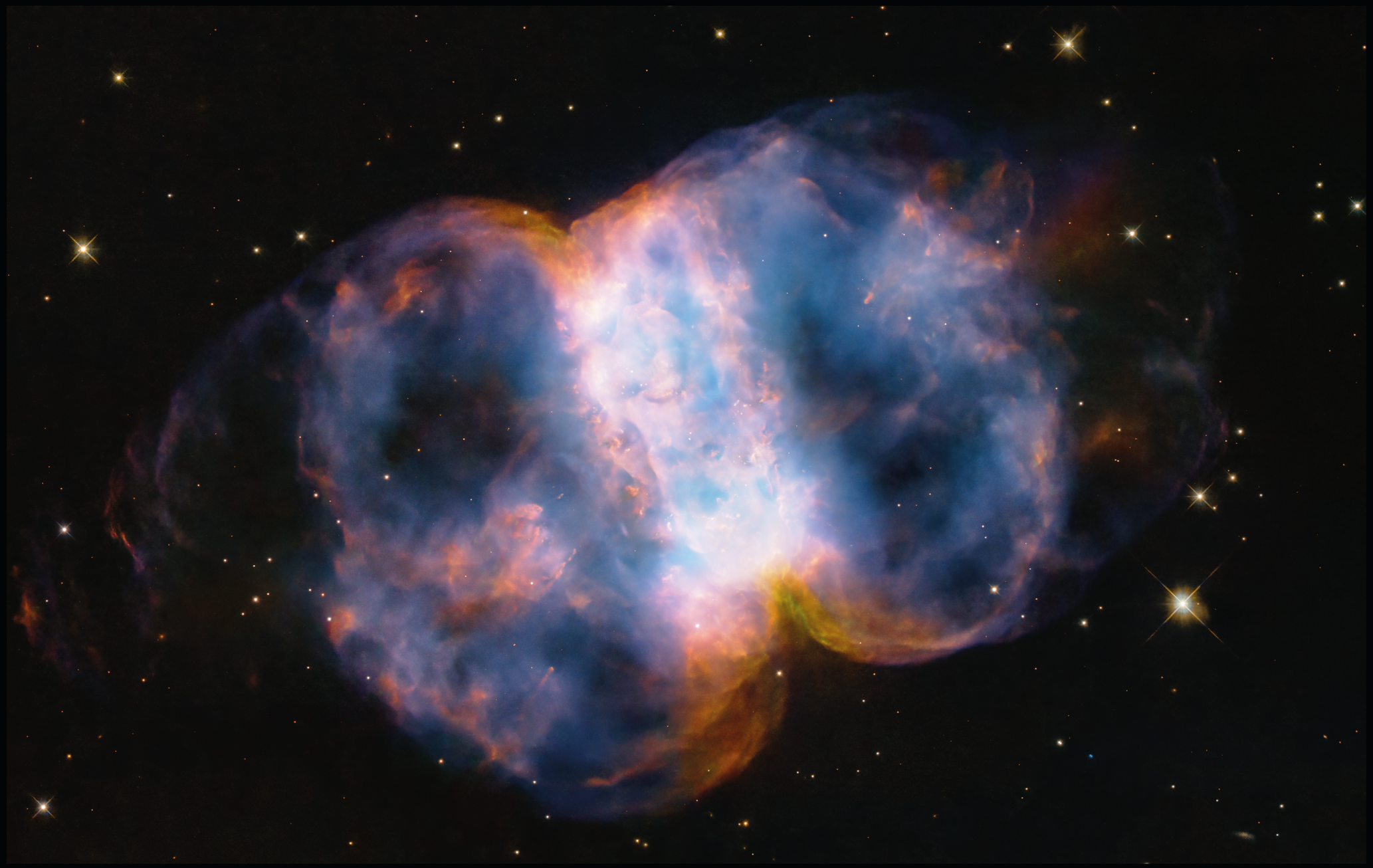

Little Dumbbell Nebula

April 2025

Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	Monday	Tuesday	Wednesday	Thursday
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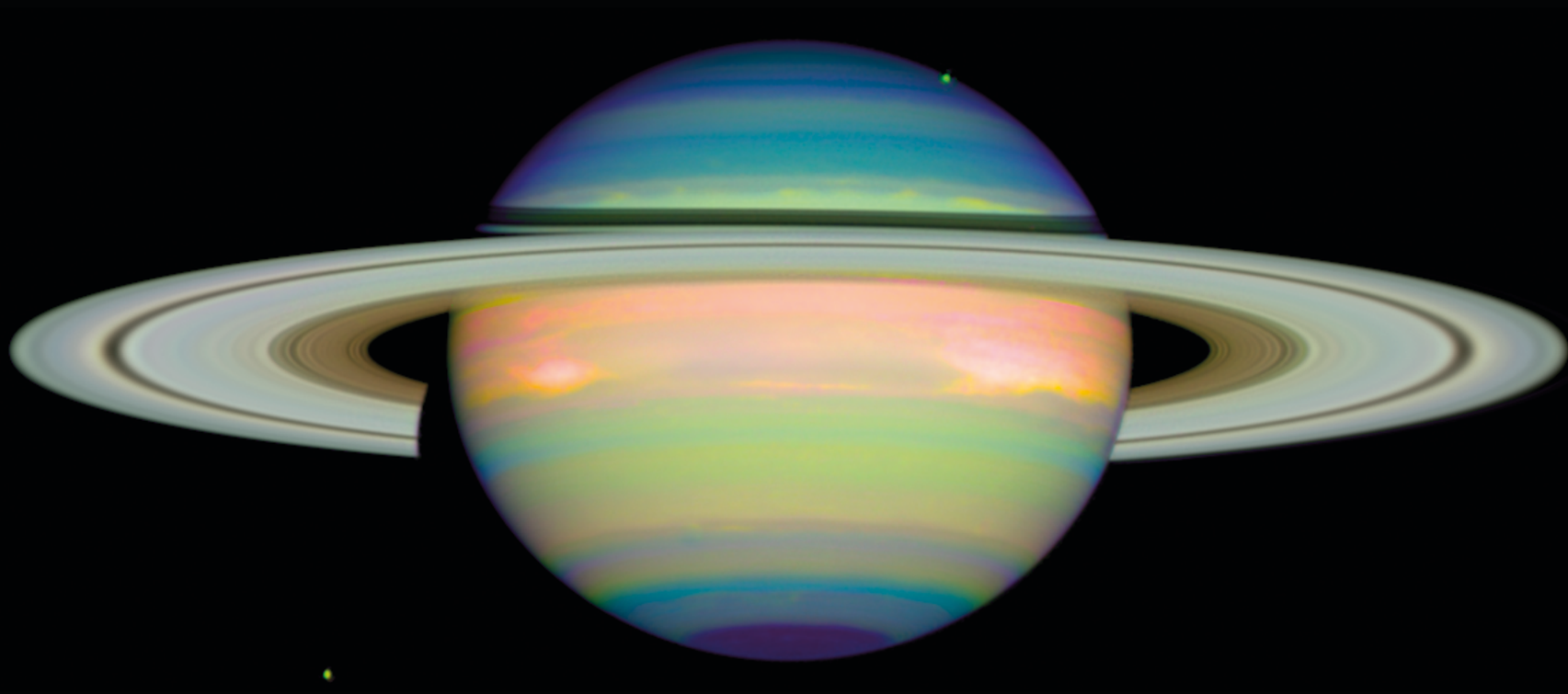

Saturn in Vivid Colour

May 2025

Thursday	Friday	Saturday	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
1	2	3	4	5	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	31
			19								20							21							22						



The Magnificent Messier 82

June 2025

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	Monday	Tuesday
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	23							24							25							26									



Stars Forming in NGC 1333

July 2025

Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	Monday	Tuesday	Wednesday	Thursday	Sunday
1	2	3	4	5	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	31	31
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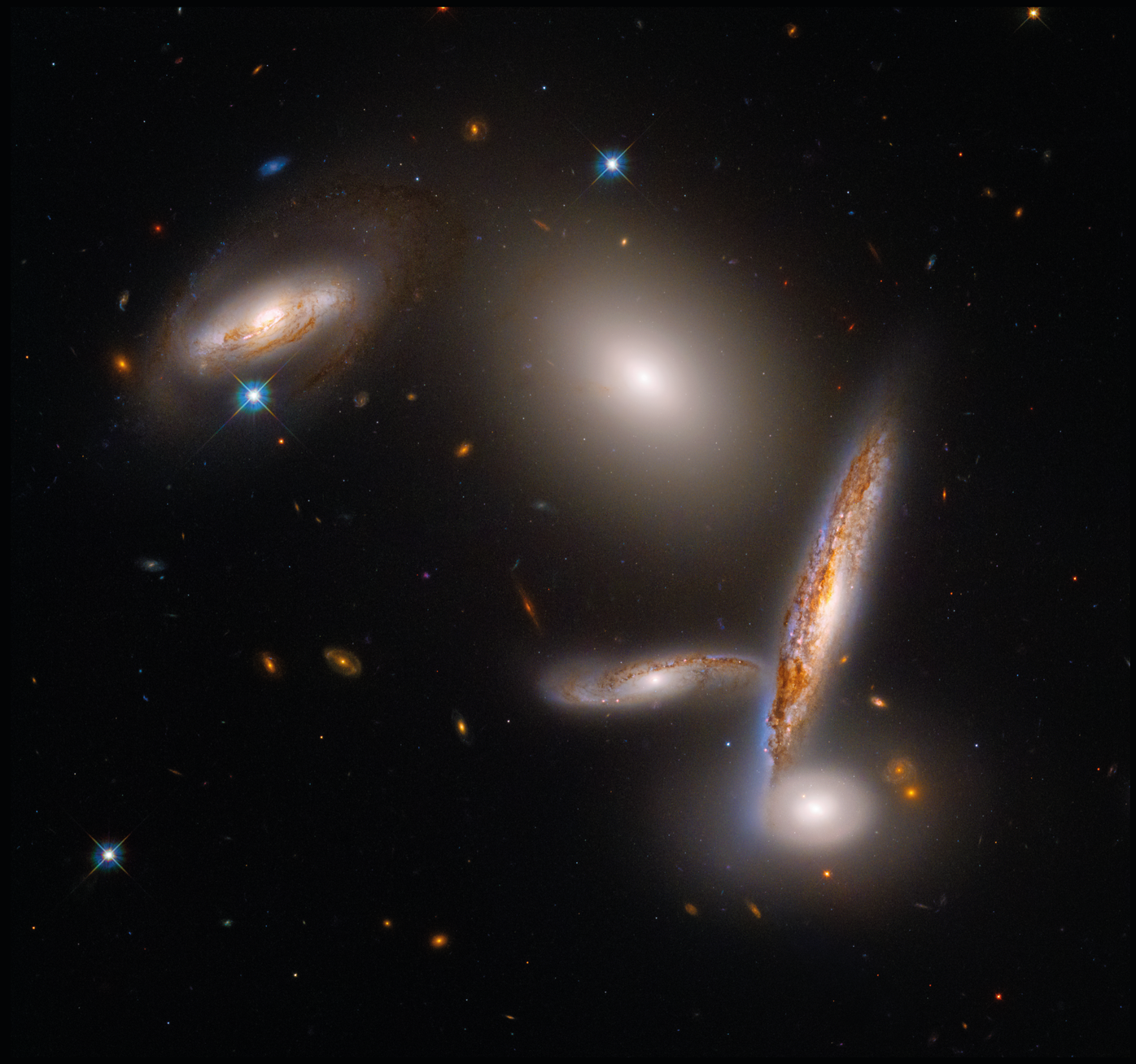

Leisurely Gravitational Dance

August 2025

Friday	Saturday	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	
1	2	3	4	5	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	31	31
			32							33							34							35							



Tapestry of Blazing Star Birth

September 2025

Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	Monday	Tuesday	Wednesday
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36							37							38							39							40			



Mystic Mountain

October 2025

Wednesday	Thursday	Friday	Saturday	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Monday
1	2	3	4	5	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	31	31
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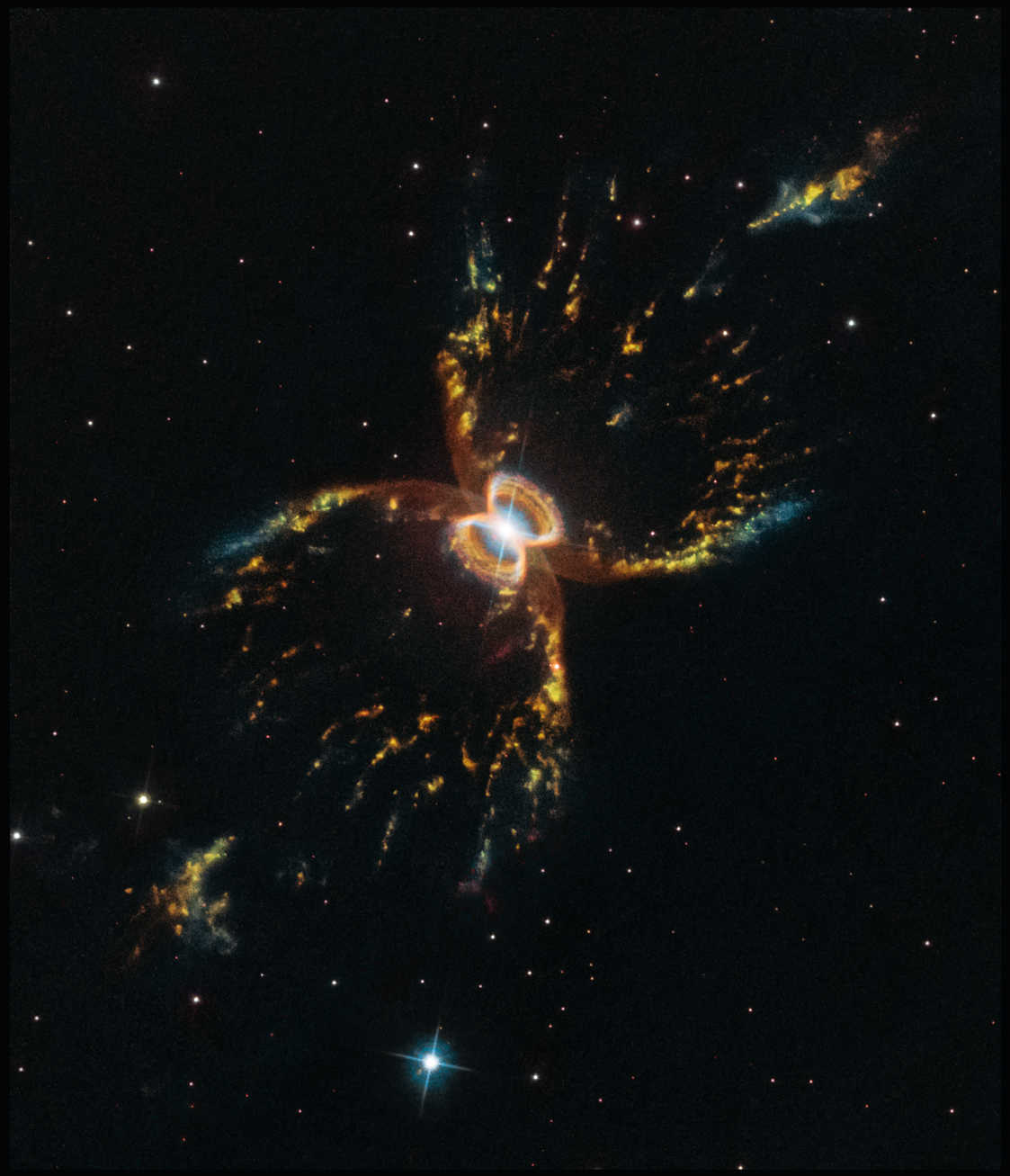

The Crab of the Southern Sky

November 2025

Saturday	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	Monday	Thursday
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		45							46							47							48									



Bright Star in Turmoil

December 2025

Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	Monday	Tuesday	Wednesday
1	2	3	4	5	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	31
49							50							51							52							1			



Launch of the Hubble Space Telescope
Credit: NASA, ESA



The images featured in this calendar were taken by the NASA/ESA Hubble Space Telescope and were publicly released between 1998 and 2024, to commemorate anniversaries of Hubble's 24 April 1990 launch.