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SPACE EVENTS- JANUARY

Astronomy & rockets

ASTROATHENS.COM

01-17

COMET ZTF (C/2022 E3)

Traveling across our sky all the way until February, you will have many opportunities to see this comet. Check your location for times/positions of the comet to best see it on [SkyandTelescope.org](https://www.skyandtelescope.org), article -

"Circumpolar orbit ZTF (C/2022 E3) is here!"

Miguel Clari
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04

QUANDRATID METEOR SHOWER

Facing Northeast you can catch the radiant of this meteor shower, seeing up to a dozen an hour (usually 100/hour under better conditions without a bright Moonlit sky).

02-04

THE MOON, MARS AND PLEIADES

Facing Southeast looking high in the sky just after dusk, the Moon will be passing through the constellation Taurus, Mars and the Pleiades.

17-19

MERCURY, THIN CRESCENT, AND ANTARES

The red giant star will be visible at the tip of the constellation Scorpius, and in line with the thin crescent moon, followed by Mercury by the 19th.

HRVOJE POLAN / AFP - GETTY IMAGES FILE

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DEEP SKY OBJECT: NGC 2451

See this from the Southern Hemisphere at 80 degrees above your southern horizon around 1:30am local time.

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NEW MOON - LOOK FOR THESE OBJECTS

Take advantage of the new moon phase and look for deep sky objects, go outside to do some astrophotography, or just enjoy a sky full of stars!

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DEEP SKY OBJECT - NGC 2547

Well-placed in the sky and visible to the Southern Hemisphere, reaching a height of 69 degrees above the southern horizon, you can catch this star cluster at approximately 1:40am local time.

CREDIT: ESO/J.PÉREZ

22-24

VENUS, SATURN & THE MOON

Nearly a half hour after sunset, facing Southwest, you can see Venus and Saturn super close, just about 1/2 a degree apart. You also can see a thin crescent moon rising higher in the sky with each passing day.

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MOON, MARS AND TAURUS

At dusk, facing southeast, look directly up for the Mon and catch Mars right next to it (it will be red), notice the Pleiades star cluster higher up and to the right, and all of this will be within the Taurus constellation.

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BEEHIVE STAR CLUSTER

This deep sky object will be in favorable viewing for the Northern Hemisphere, facing your Southern horizon at approximately 1:30am where it will reach a height of 79 degrees above the horizon.

THE MOON PHASES



6

FULL
MOON



14

LAST
QUARTER



21

NEW
MOON



28

FIRST
QUARTER