

THE PRACTICAL ASTRONOMER GATER WILL VAMPLEW ANTON

[orion nebula wikipedia](#)

The Orion Nebula (also known as Messier 42, M42, or NGC 1976) is a diffuse nebula situated in the Milky Way, being south of Orion's Belt in the constellation of Orion. It is one of the brightest nebulae, and is visible to the naked eye in the night sky. M42 is located at a distance of $1,344 \pm 20$ light years and is the closest region of massive star formation to Earth.

[eta carinae wikipedia](#)

Eta Carinae (Î Carinae, abbreviated to Î Car), formerly known as Eta Argus, is a stellar system containing at least two stars with a combined luminosity greater than five million times that of the Sun, located around 7,500 light-years (2,300 parsecs) distant in the constellation Carina. Previously a 4th-magnitude star, it brightened in 1837 to become brighter than Rigel marking the start of ...