

Star Clusters

- [Pleiades / M45](#)

Pleiades / M45

Messier 45 (and NGC1432 / NGC1435)



“ My best photo of the Pleiades - [Full resolution picture available on Telescopius](#)

Details:

- Date: 22/Aug/2023
- Exposures: 45x1min Lights, 10x1min Darks
- ISO: 1600

Equipment:

- Camera: Canon 6D
- Telescope: Svbonv Apochromatic 80/448 mm SV503 80ED Doublet (0.8x reducer/flattener)
- Mount: EQ5 modified with Onstep

Description

The Pleiades also known as Seven Sisters and Messier 45 (M45), is an asterism of an open star cluster containing young B-type stars in the northwest of the constellation Taurus. At a distance of about 444 light-years, it is among the nearest star clusters to Earth and the nearest Messier object to Earth, being the most obvious star cluster to the naked eye in the night sky. It contains the reflection nebulae NGC 1432, an HII region, and NGC 1435, known as the Merope Nebula. Around 2330 BC the Pleiades marked the vernal point. Due to the brightness of its stars, the Pleiades is viewable from most areas on Earth, even in locations with significant light pollution.

[Find more information about the Pleiades on Wikipedia](#)

Personal Stats

First observation

☐	22/08/2023
☐	Santa Cruz, Portugal

Imaging sessions

Date	Bortle Class	Total Exposure Time
22/8/2023	Class 4	45min (45x1min)

Captured media

Photographs



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