

Deep Sky Observations

Object Description

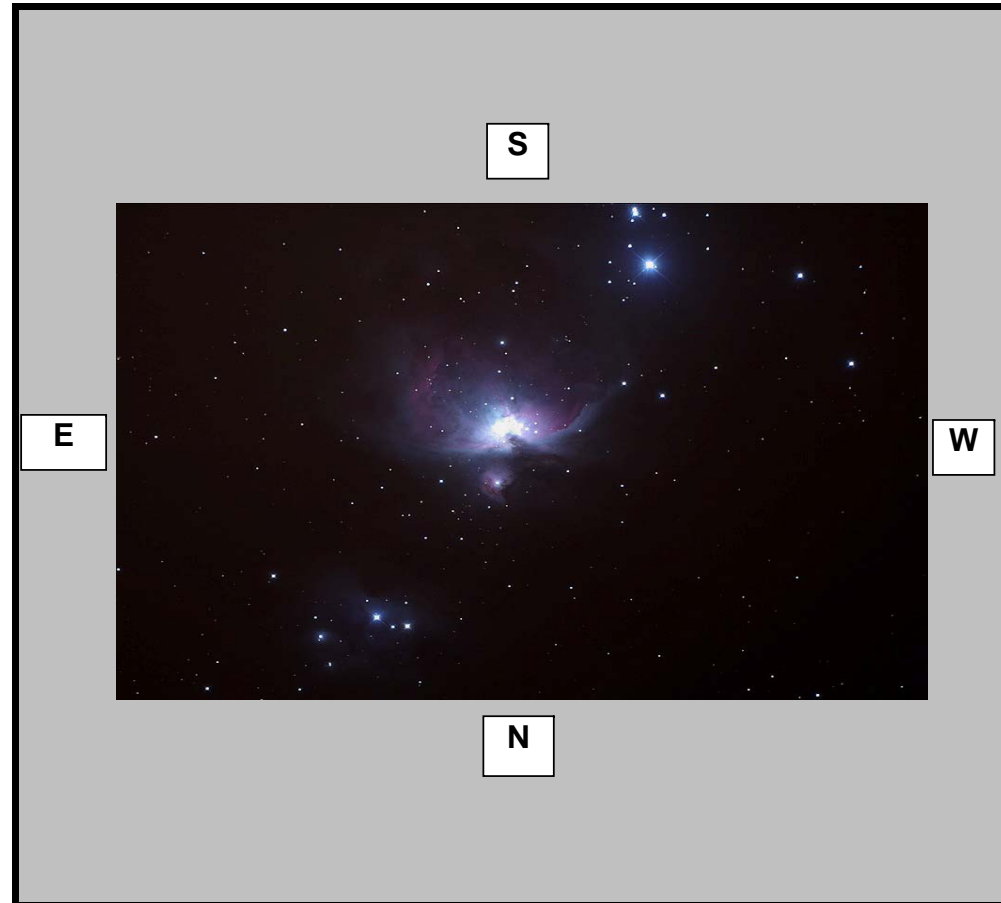
Object Name	<u>Orion Nebula</u>
Messier	<u>M42</u>
New General Catalogue	<u>1976</u>
Constellation	<u>Orion</u>
Type	<u>Diffuse Nebula</u>
Magnitude	<u>3.00</u>
Distance (Light Years)	<u>1,270</u>
Right Ascension	<u>05 35.1</u>
Declination	<u>-05:23</u>
Size	<u>65.0' x 60.0'</u>
Diameter	<u>12 Light Years</u>
Composition	

Observations

Date (DD/MM/YYYY)	<u>11/02/2008</u>
Time (24 hr)	<u>21:30pm</u>
Location	<u>Baldrine, Isle of Man</u>
Longitude	<u>4°24' W</u>
Latitude	<u>54°12' N</u>
Seeing (1=High - 5= Low)	<u>1 2 3 4 5</u>
Transparency (1=High - 5= Low)	<u>1 2 3 4 5</u>

Equipment

Telescope	<u>Tak Epsilon 160</u>
Mount	<u>EQ6 Skyscan Pro</u>
Eyepiece	<u>None</u>
Barlow	<u>None</u>
Camera	<u>Canon EOS 350 DSLR</u>
Magnification (Focal Length)	<u>FL=530mm</u>
Field of View (True)	<u>40.48 x 32.47 [3.29 arcsec]</u>
Reducer	<u>None</u>
Filter	<u>None</u>
Exposures	<u>64 Mins 32x2mins</u>



Observation Notes

Imaged during 1/4 moon

Autoguided using GPUSB & Metaguide

ISO 800