

Deep Sky Observations

Object Description

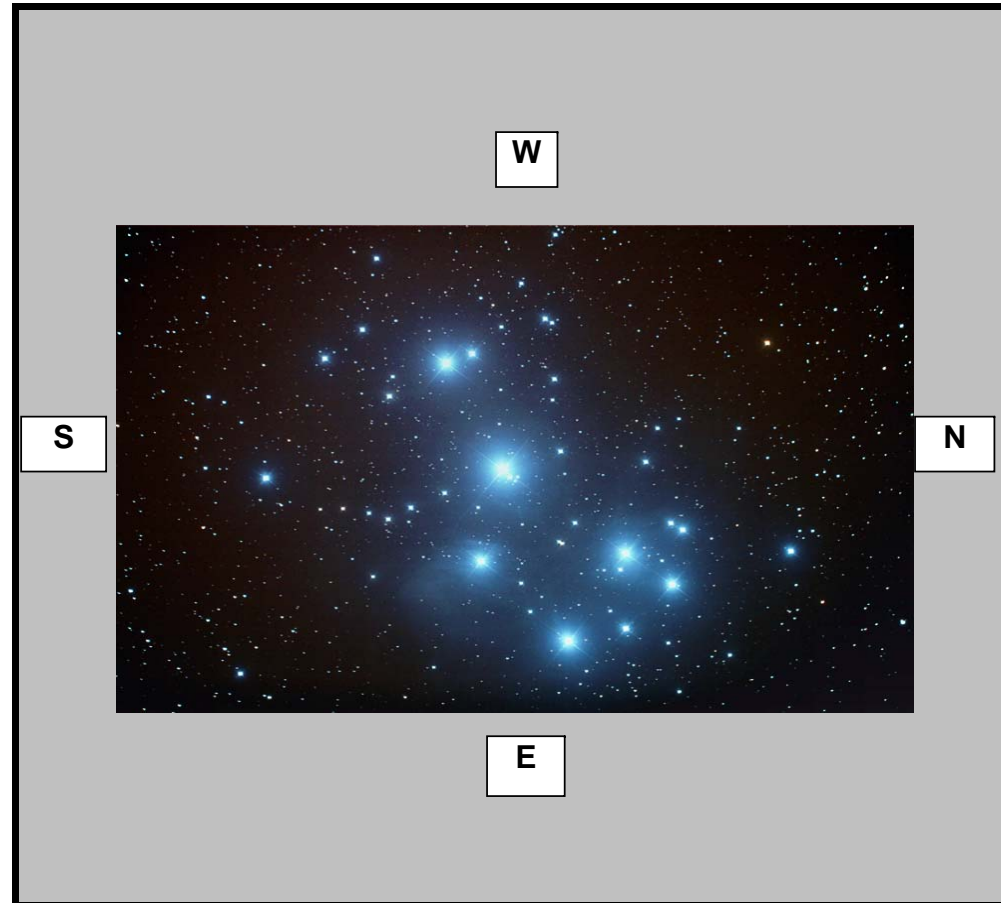
Object Name	<u>Pleiades [Seven Sisters]</u>
Messier	<u>M45</u>
New General Catalogue	<u></u>
Constellation	<u>Taurus</u>
Type	<u>Open Cluster</u>
Magnitude	<u>1.60</u>
Distance (Light Years)	<u>440</u>
Right Ascention	<u>03 47.0</u>
Declination	<u>+24:07</u>
Size	<u>110.0'</u>
Diameter	<u>43 Light Years Across</u>
Composition	<u>Estimated 500 Stars</u>

Observations

Date (DD/MM/YYYY)	<u>24/01/2008</u>
Time (24 hr)	<u>20:00pm</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 2 4 5</u>

Equipment

Telescope	<u>Takahashi 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>36 Mins 12x3mins</u>



Observation Notes

Imaged during full moon

Manually guided at FL=1100mm using WO Megrez 80FD & GSTAR-EX

ISO 400, 800 & 1600