

Deep Sky Observations

Object Description

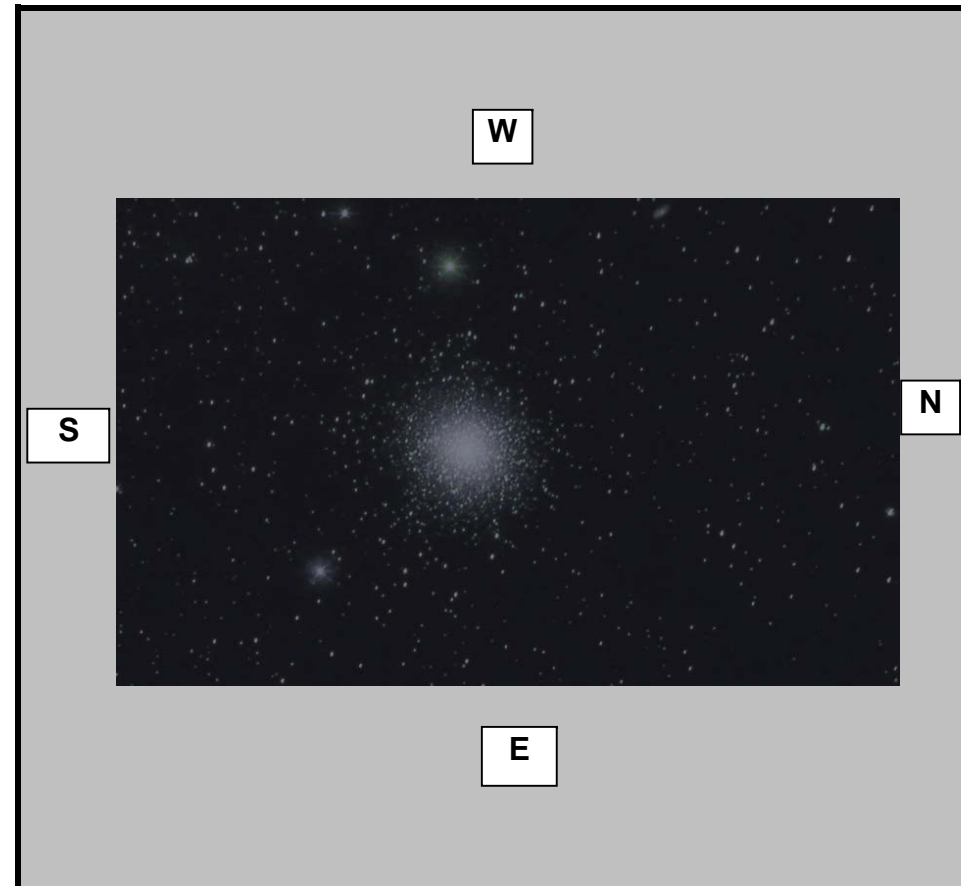
Object Name	<u>Hercules Cluster</u>
Messier	<u>M13</u>
New General Catalogue	<u>6205</u>
Constellation	<u>Hercules</u>
Type	<u>Globular Cluster</u>
Magnitude	<u>5.7</u>
Distance (Light Years)	<u>25,100</u>
Right Ascension	<u>16 41.7</u>
Declination	<u>+36:28</u>
Size	<u>16.6'</u>
Diameter	<u>145 Light Years</u>
Composition	<u>Around 200,000 Stars</u>

Observations

Date (DD/MM/YYYY)	<u>29/04/2008</u>
Time (24 hr)	<u>11:50 pm</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 Rebel Xti</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>10 x 180 second exposures</u>



Observation Notes

Manually Guided

ISO 1600

Imaged in Dark Skies