

Deep Sky Observations

Object Description

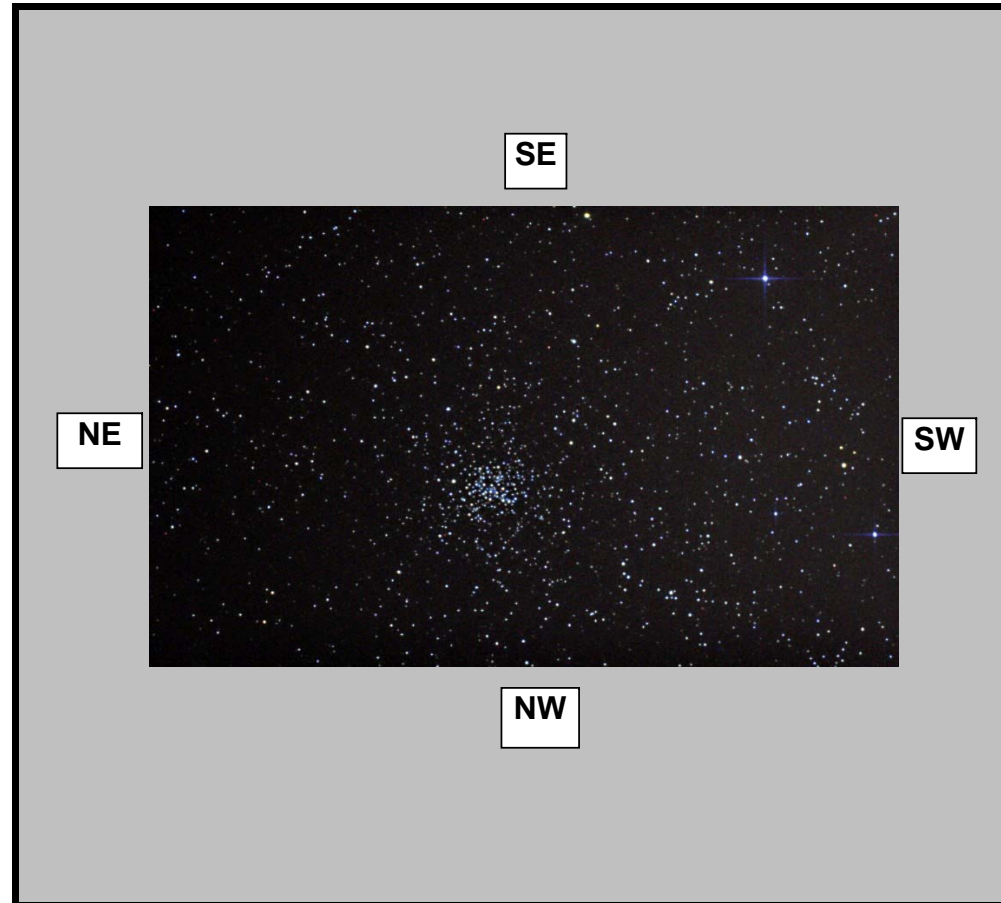
Object Name	_____
Messier	<u>M67</u>
New General Catalogue	<u>2682</u>
Constellation	<u>Cancer</u>
Type	<u>Open Cluster</u>
Magnitude	<u>6.10</u>
Distance (Light Years)	<u>2,700</u>
Right Ascension	<u>08 51.4</u>
Declination	<u>+11:49</u>
Size	<u>30.0'</u>
Diameter	<u>20 Light Years</u>
Composition	<u>Estimated 500 Stars</u>

Observations

Date (DD/MM/YYYY)	<u>24/02/2007</u>
Time (24 hr)	<u>19:55pm</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)	1 <u>2</u> 3 4 5
Transparency (1=High - 5= Low)	1 <u>2</u> 3 4 5

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 350DSLR</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>27 x 60 Second Exposures</u>



Observation Notes

1/4 Moonlite skies

ISO 1600

Autoguided GPUSB & Metaguide