

Double Star Observations

Object Description

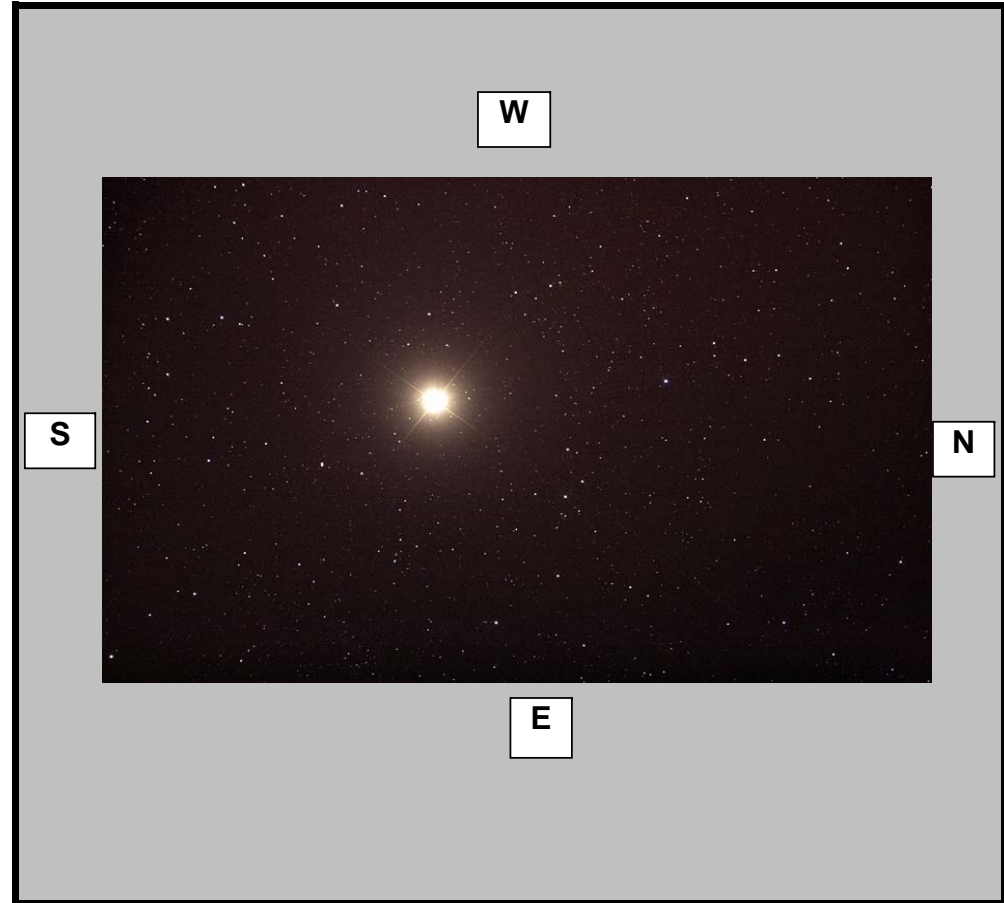
Object Name	<u>Betelgeuse</u>
SAO Number	<u>113271</u>
Constellation	<u>Orion</u>
Type	<u>Super Giant Red Star</u>
Magnitude	<u>0.58</u>
Distance (Light Years)	<u>640</u>
Seperation	<u></u>
Right Ascention	<u>05 55.10</u>
Declination	<u>+07:24</u>
Size	<u>0.1'</u>

Observations

Date (DD/MM/YYYY)	<u>13/12/2009</u>
Time (24 hr)	<u>22:40 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 EOS 400 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>3 x 30 second exposures</u>



Observation Notes

ISO 1600