

Deep Sky Observations

Object Description

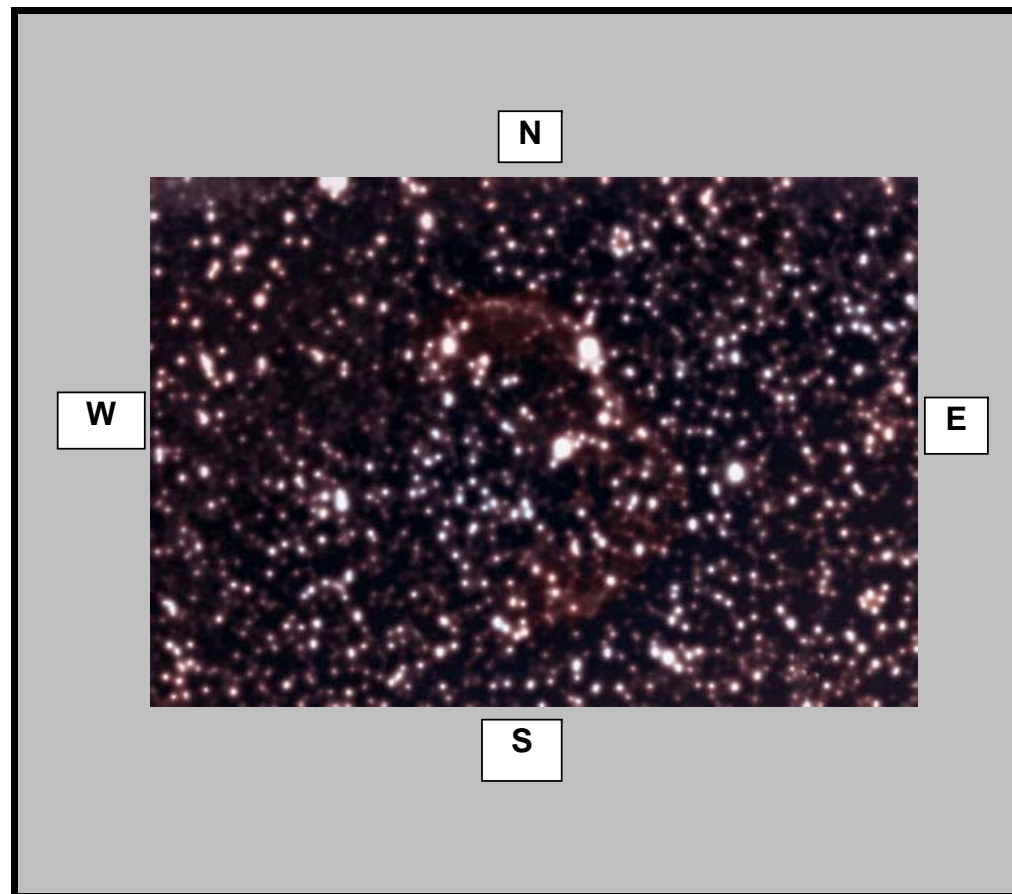
Object Name	<u>Crescent Nebula</u>
New General Catalogue	<u>6888</u>
Constellation	<u>Cygnus</u>
Type	<u>Emission Nebula</u>
Magnitude	<u>9.0</u>
Distance (Light Years)	<u>5,000</u>
Right Ascension	<u>20 12.7</u>
Declination	<u>+38:21</u>
Size	<u>18.0' x 12.0'</u>
Diameter	<u></u>
Composition	<u></u>

Observations

Date (DD/MM/YYYY)	<u>15/10/2007</u>
Time (24 hr)	<u>09:30 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>Takahashi Epsilon 160</u>
Mount	<u>EQ6 Skyscan Pro</u>
Eyepiece	<u>None</u>
Barlow	<u>None</u>
Camera	<u>GSTAR-EX CCD</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>90 Minutes 128X senseup</u>



Observation Notes

1.5 hour of imaging L=60 R=10 G=10 B=10

23,358 frames calibrated to 9,167

29 Frames per second 1/10 frames

85% quality frames = 8,982 total frames used