

# Deep Sky Observations

## Object Description

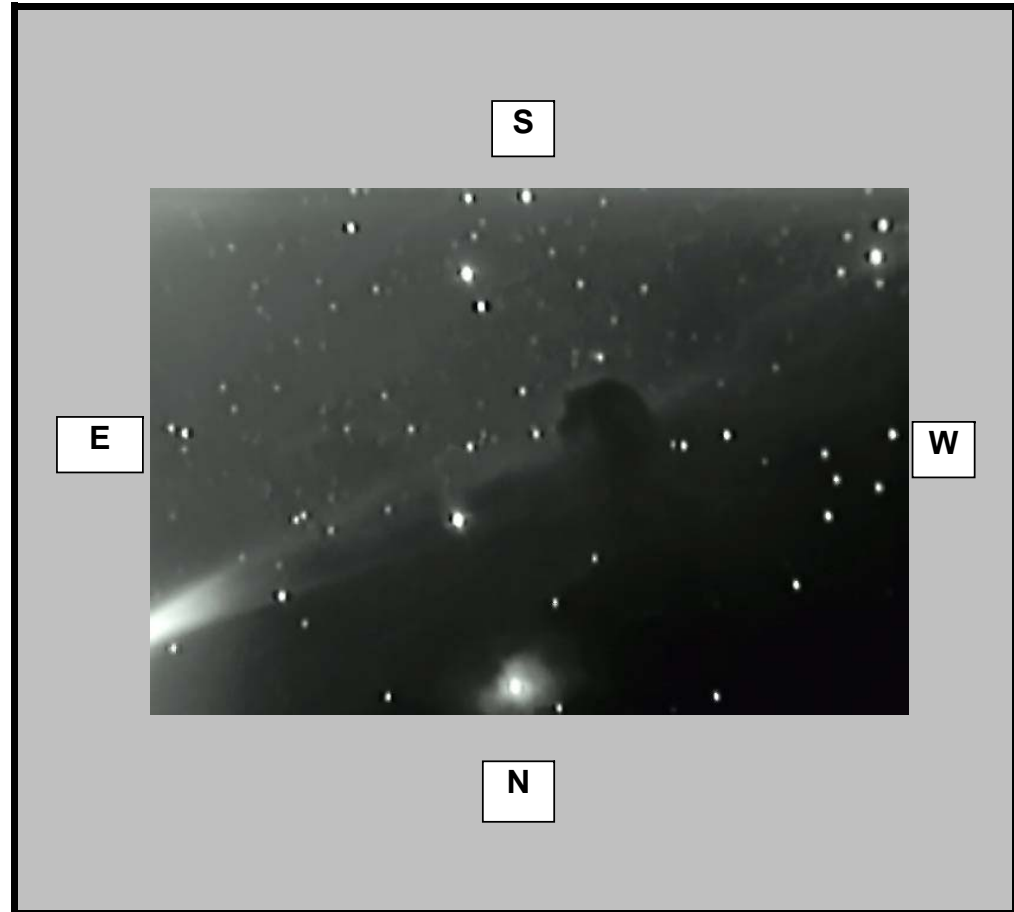
Object Name	<u>Horsehead Nebula</u>
Messier	
New General Catalogue	<u>Barnard 33</u>
Constellation	<u>Orion</u>
Type	<u>Dark Nebula</u>
Magnitude	<u>14.00</u>
Distance (Light Years)	<u>1,600</u>
Right Ascension	<u>05 40.5</u>
Declination	<u>-02:27</u>
Size	<u>8.0' x 6.0'</u>
Diameter	
Composition	

## Observations

Date (DD/MM/YYYY)	<u>14/11/2007</u>
Time (24 hr)	<u>02:50am</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>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>40 Minutes 128X senseup</u>



## Observation Notes

Also includes IC434 Diffuse Nebula  
& NGC 2023 Bright Star (Lower Central in Photo)

Very average conditions (slightly moist milky sky)

Cloud interrupted exposure - a battle with the clouds all night

False HA Filter Applied