

# Deep Sky Observations

## Object Description

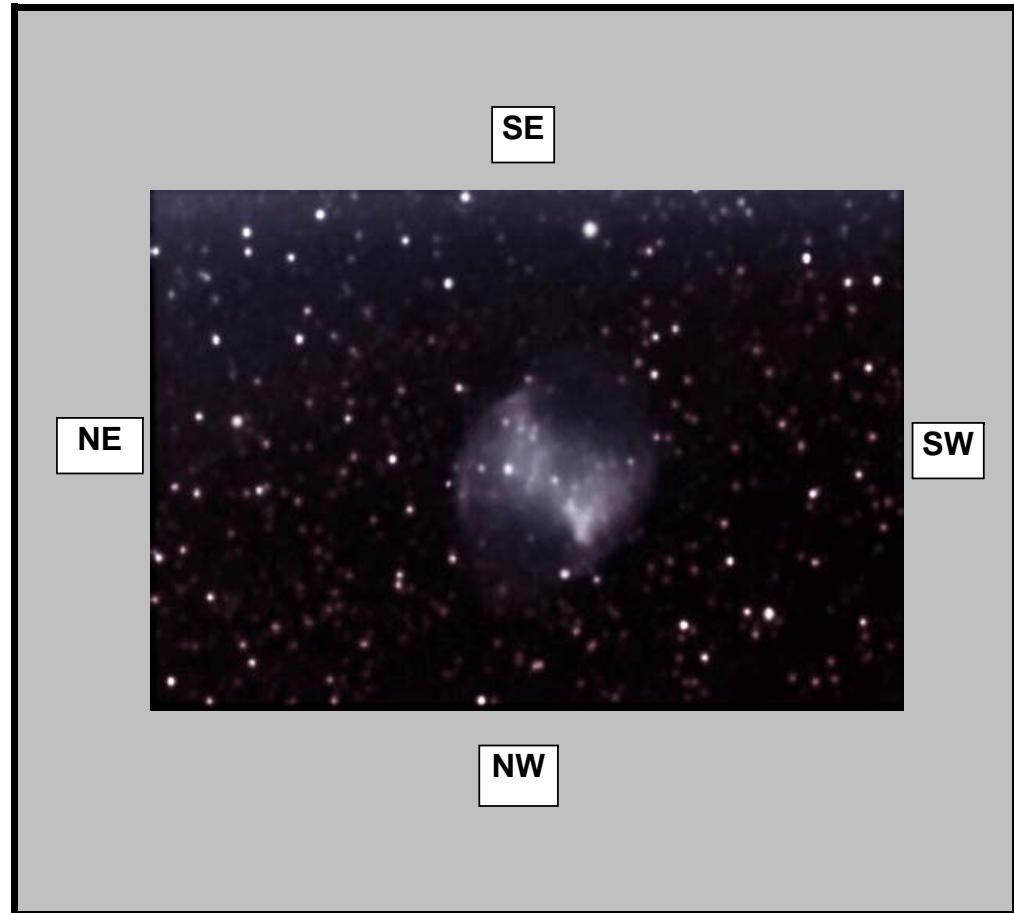
|                        |                         |
|------------------------|-------------------------|
| Object Name            | <u>Dumbell Nebula</u>   |
| Messier                | <u>M27</u>              |
| New General Catalogue  | <u>6853</u>             |
| Constellation          | <u>Vulpecula</u>        |
| Type                   | <u>Planetary Nebula</u> |
| Magnitude              | <u>7.5</u>              |
| Distance (Light Years) | <u>1,360</u>            |
| Right Ascension        | <u>19 59.3</u>          |
| Declination            | <u>+22:43</u>           |
| Size                   | <u>8.0' x 5.6'</u>      |
| Diameter               |                         |
| Composition            |                         |

## Observations

|                                |                              |
|--------------------------------|------------------------------|
| Date (DD/MM/YYYY)              | <u>09/06/2007</u>            |
| Time (24 hr)                   | <u>00:45pm</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>WO FLT110 4.3inch APO</u>     |
| Mount                        | <u>EQ6 Skyscan Pro</u>           |
| Eyepiece                     | <u>None</u>                      |
| Barlow                       | <u>TV 2.5x Powermate</u>         |
| Camera                       | <u>GSTAR-EX CCD</u>              |
| Magnification (Focal Length) | <u>FL=1787.5mm</u>               |
| Field of View (True)         | <u>12.0 x 9.63 [0.98 arcsec]</u> |
| Reducer                      | <u>None</u>                      |
| Filter                       | <u>None</u>                      |
| Exposures                    | <u>40 Minutes 128X Senseup</u>   |



## Observation Notes

Stacked and aligned using Registax  
Processed using Registax, Photoshop & IMM

Very average conditions (slightly moist milky sky)