

# Star Observations

## Object Description

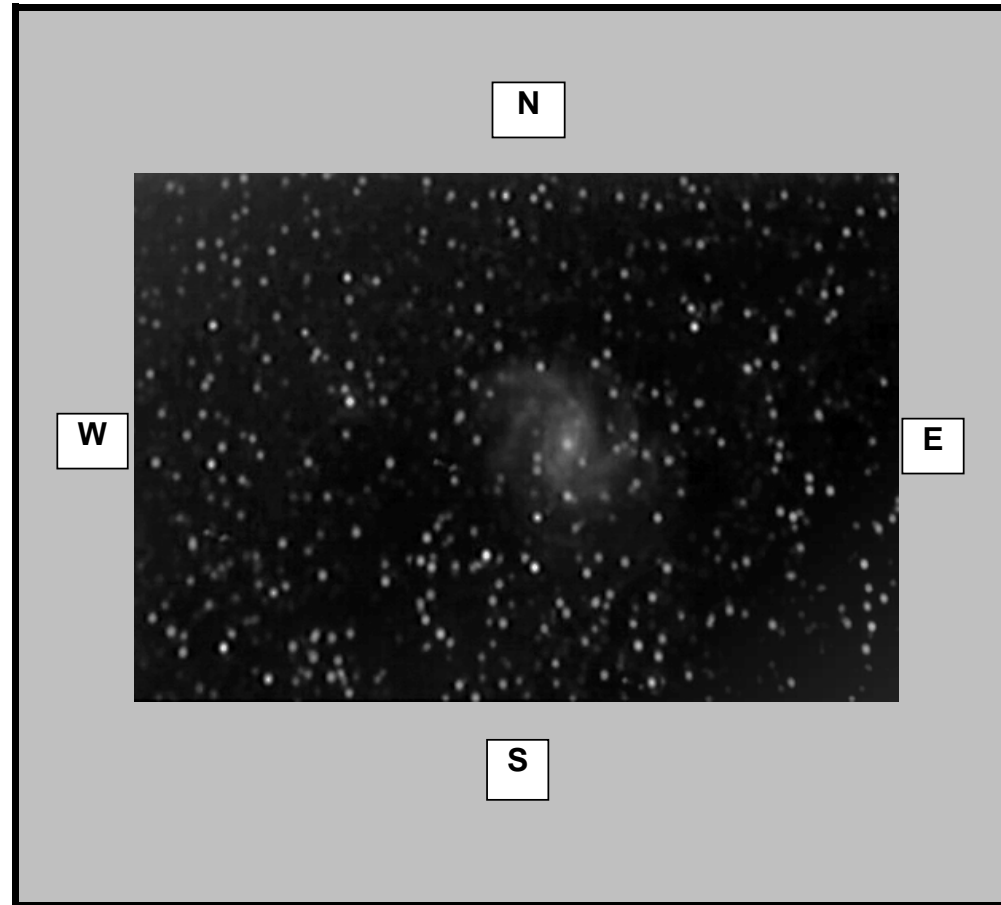
Object Name	<u>Fireworks Galaxy</u>
NGC Number	<u>6946</u>
Constellation	<u>Cygnus</u>
Type	<u>Spiral Galaxy</u>
Magnitude	<u>9.60</u>
Distance (Light Years)	<u>18.0 Million</u>
Right Ascension	<u>20 34.5</u>
Declination	<u>+60:09</u>
Size	<u>11.5' x 9.8'</u>

## Observations

Date (DD/MM/YYYY)	<u>17/10/2007</u>
Time (24 hr)	<u>12:10 am</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>15 Minutes - 128X Senseup</u>



## Observation Notes

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