

Deep Sky Observations

Object Description

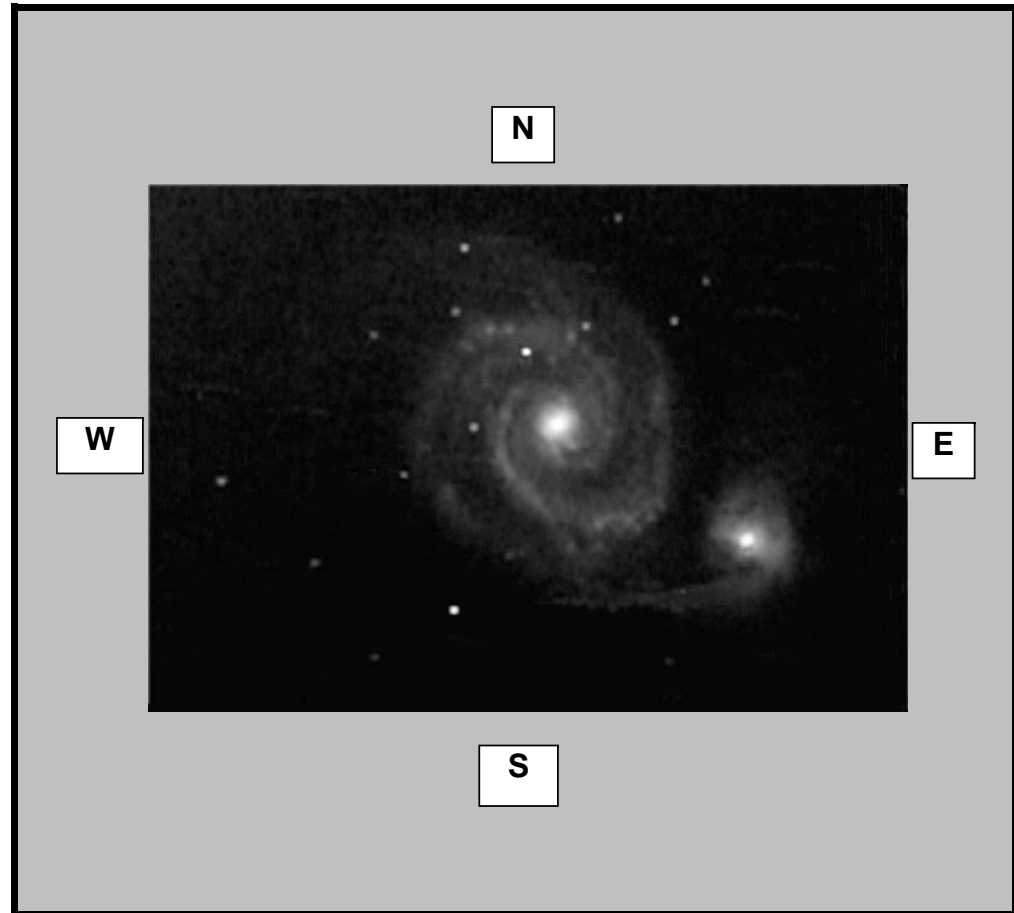
Object Name	<u>Whirlpool Galaxy</u>
Messier	<u>M51</u>
New General Catalogue	<u>5194</u>
Constellation	<u>Canes Venatici</u>
Type	<u>Spiral Galaxy</u>
Magnitude	<u>9.0</u>
Distance (Light Years)	<u>23 Million</u>
Right Ascension	<u>13 29.5</u>
Declination	<u>+47:11</u>
Size	<u>11' 2 x 6' 9</u>
Diameter	<u>112,000 Light Years</u>
Composition	<u>160 Billion Solar Masses</u>

Observations

Date (DD/MM/YYYY)	<u>06/08/2007</u>
Time (24 hr)	<u>00:25am</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>Powermate 2.5X</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>149 Frames 128X senseup</u>



Observation Notes

1,495 Total Frames

2.5 Minute Video in Total