

Deep Sky Observations

Object Description

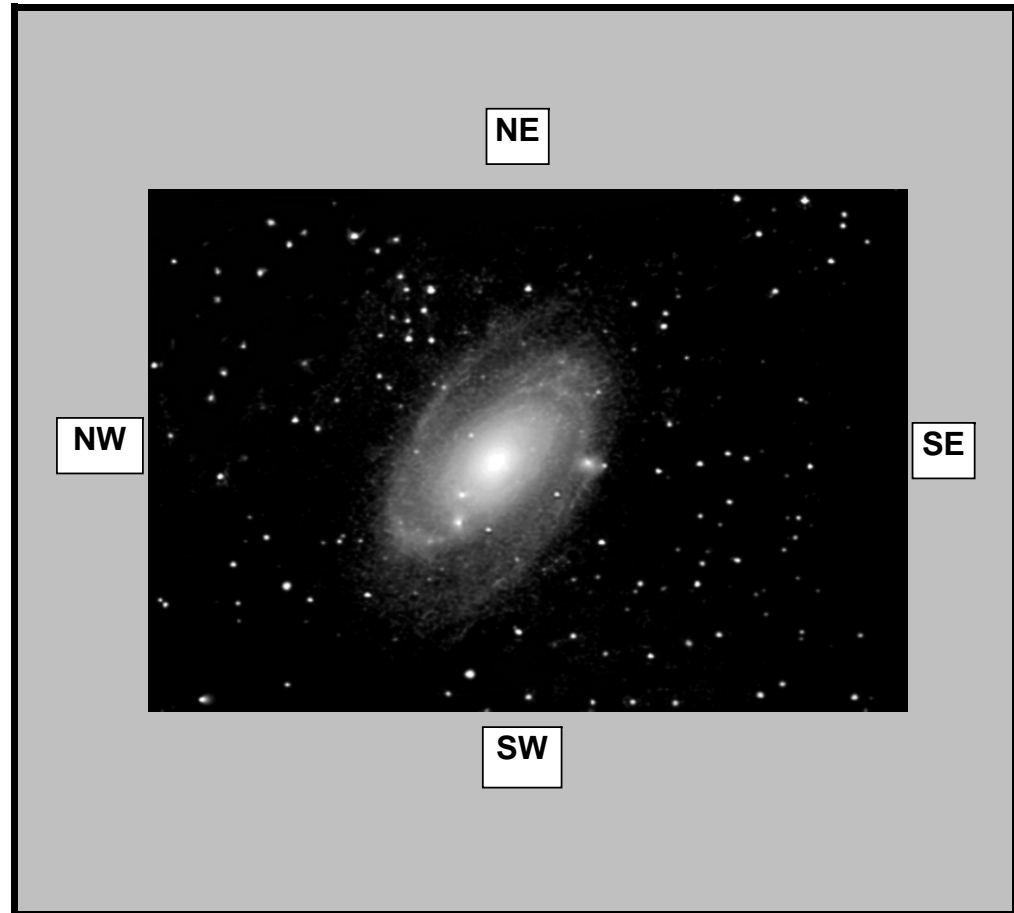
Object Name	<u>Bodes Galaxy</u>
Messier	<u>M81</u>
New General Catalogue	<u>3031</u>
Constellation	<u>Ursa Major</u>
Type	<u>Spiral Galaxy</u>
Magnitude	<u>6.9</u>
Distance (Light Years)	<u>11.8 Million</u>
Right Ascension	<u>09 55.3</u>
Declination	<u>+69:35</u>
Size	<u>26.9' x 14.1'</u>
Diameter	<u>36,000 Light Years</u>
Composition	<u>80 Billion Solar Masses</u>

Observations

Date (DD/MM/YYYY)	<u>07/08/2007</u>
Time (24 hr)	<u>00:45 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>Takahashi Epsilon 160</u>
Mount	<u>Skyscan EQ6 Pro</u>
Eyepiece	<u>None</u>
Barlow	<u>None</u>
Camera	<u>GSTAR-EX & MP4 Player</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>149 Frames 128X Senseup</u>



Observation Notes

1,495 Total Frames

2.5 Minutes Video