

# Deep Sky Observations

## Object Description

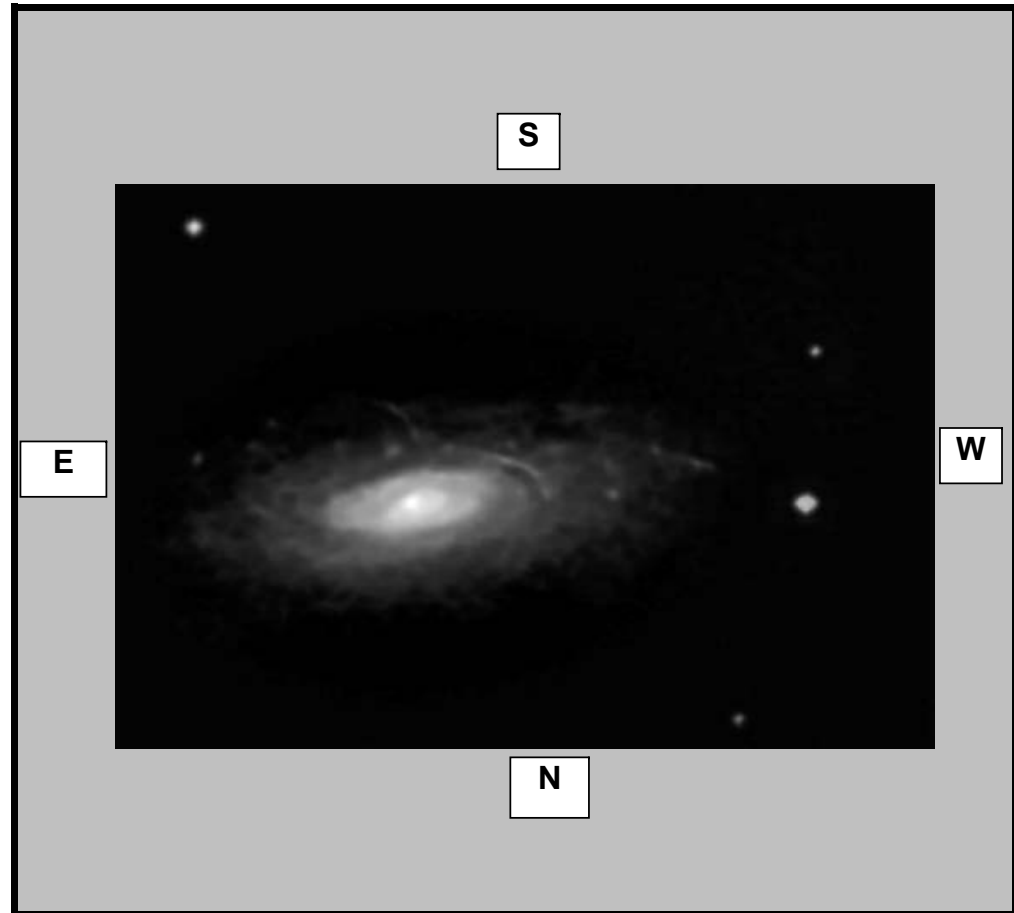
Object Name	Sunflower Galaxy
Messier	M63
New General Catalogue	5055
Constellation	Canes Venatici
Type	Spiral Galaxy
Magnitude	9.3
Distance (Light Years)	37 Million
Right Ascension	13 15.4
Declination	+42:01
Size	12' 6 x 7'
Diameter	90,000 Light Years
Composition	10 Billion Solar Masses

## Observations

Date (DD/MM/YYYY)	09/06/2007
Time (24 hr)	02:15am
Location	Baldrine, Isle of Man
Longitude	4°24' W
Latitude	54°12' N
Seeing (1=High - 5= Low)	1 2 3 4 5
Transparency (1=High - 5= Low)	1 2 3 4 5

## Equipment

Telescope	WO FLT110 4.3inch APO
Mount	EQ6 Skyscan Pro
Eyepiece	None
Barlow	TV 2.5x Powermate
Camera	GSTAR-EX CCD
Magnification (Focal Length)	FL=1787.5mm
Field of View (True)	12.0 x 9.63 [0.98 arcsec]
Reducer	None
Filter	None
Exposures	15 Minutes X128 senseup



## Observation Notes

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

Very average conditions (slightly moist milky sky)