

MESSIER OBJECTS OF SPRING 0002

M67, King Cobra

OBSERVATION LOG

Observer:

Date:

Time:

OBJECT

Name: **M67, King Cobra**

R.A.: **08h 51m 18s**

Dec: **11° 48' 00"**

Const: **Cnc**

Type: **OCL**

Magnitude: **7.5**

Size: **30**

OBSERVING SITE

Location:

Latitude:

Longitude:

Elevation:

SKY

Darkness/SQM:

Wind Speed:

Temperature:

Seeing:

Wind Dir:

Humidity:

TELESCOPE

OTA:

FL:

f/

Type:

Mount:

Slew Control:

Navigation Aid:

IMAGER

Eyepiece:

FOV:

Type:

Barlow:

Net Mag:

Camera:

Type:

ASA:

Guider:

Exp time:

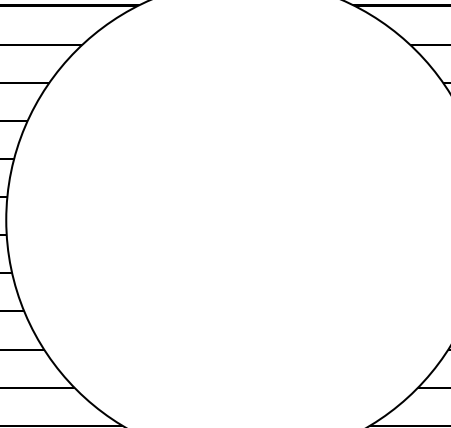
Exp count:

Dark frame:

Bias frame:

Software:

OBSERVATIONS

Indicate NORTH with arrow

NOTES

Rating:EX



MESSIER OBJECTS OF SPRING 0003

M81, Bode's Galaxy

OBSERVATION LOG

Observer:

Date:

Time:

OBJECT

Name: **M81, Bode's Galaxy**

R.A.: **09h 55m 33s**

Dec: **69° 03' 56"**

Const: **UMa**

Type: **GXY**

Magnitude: **7.8**

Size: **24.9x11.5**

OBSERVING SITE

Location:

Latitude:

Longitude:

Elevation:

SKY

Darkness/SQM:

Wind Speed:

Temperature:

Seeing:

Wind Dir:

Humidity:

TELESCOPE

OTA:

FL:

f/

Type:

Mount:

Slew Control:

Navigation Aid:

IMAGER

Eyepiece:

FOV:

Type:

Barlow:

Net Mag:

Camera:

Type:

ASA:

Guider:

Exp time:

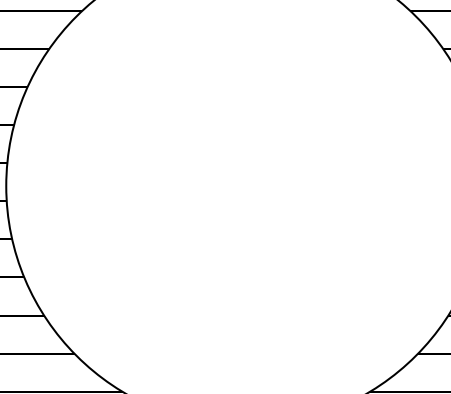
Exp count:

Dark frame:

Bias frame:

Software:

OBSERVATIONS

Indicate NORTH with arrow

NOTES

Rating: VG



MESSIER OBJECTS OF SPRING 0004

M82, Cigar Galaxy

OBSERVATION LOG

Observer:

Date:

Time:

OBJECT

Name: **M82, Cigar Galaxy**

R.A.: **09h 55m 53s**

Dec: **69° 40' 50"**

Const: **UMa**

Type: **GXY**

Magnitude: **9.2**

Size: **10.5x5.1**

OBSERVING SITE

Location:

Latitude:

Longitude:

Elevation:

SKY

Darkness/SQM:

Wind Speed:

Temperature:

Seeing:

Wind Dir:

Humidity:

TELESCOPE

OTA:

FL:

f/

Type:

Mount:

Slew Control:

Navigation Aid:

IMAGER

Eyepiece:

FOV:

Type:

Barlow:

Net Mag:

Camera:

Type:

ASA:

Guider:

Exp time:

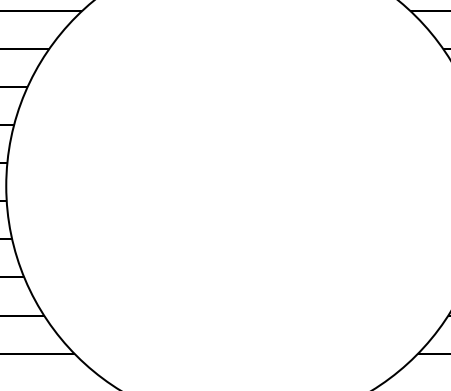
Exp count:

Dark frame:

Bias frame:

Software:

OBSERVATIONS

Indicate NORTH with arrow

NOTES

Rating: VG



MESSIER OBJECTS OF SPRING 0005

M95, NGC3351, UGC5850

OBSERVATION LOG

Observer:

Date:

Time:

OBJECT

Name: **M95, NGC3351, UGC5850**

R.A.: **10h 43m 58s**

Dec: **11° 42' 13"**

Const: **Leo**

Type: **GXY**

Magnitude: **10.6**

Size: **7.3x4.4**

OBSERVING SITE

Location:

Latitude:

Longitude:

Elevation:

SKY

Darkness/SQM:

Wind Speed:

Temperature:

Seeing:

Wind Dir:

Humidity:

TELESCOPE

OTA:

FL:

f/

Type:

Mount:

Slew Control:

Navigation Aid:

IMAGER

Eyepiece:

FOV:

Type:

Barlow:

Net Mag:

Camera:

Type:

ASA:

Guider:

Exp time:

Exp count:

Dark frame:

Bias frame:

Software:

OBSERVATIONS

Observation notes area with a large circular diagram on the right side.

Indicate NORTH with arrow

NOTES

Rating:GD



MESSIER OBJECTS OF SPRING 0006

M96, NGC3368, UGC5882

OBSERVATION LOG

Observer:

Date:

Time:

OBJECT

Name: **M96, NGC3368, UGC5882**

R.A.: **10h 46m 46s**

Dec: **11° 49' 12"**

Const: **Leo**

Type: **GXY**

Magnitude: **10.1**

Size: **7.8x5.2**

OBSERVING SITE

Location:

Latitude:

Longitude:

Elevation:

SKY

Darkness/SQM:

Wind Speed:

Temperature:

Seeing:

Wind Dir:

Humidity:

TELESCOPE

OTA:

FL:

f/

Type:

Mount:

Slew Control:

Navigation Aid:

IMAGER

Eyepiece:

FOV:

Type:

Barlow:

Net Mag:

Camera:

Type:

ASA:

Guider:

Exp time:

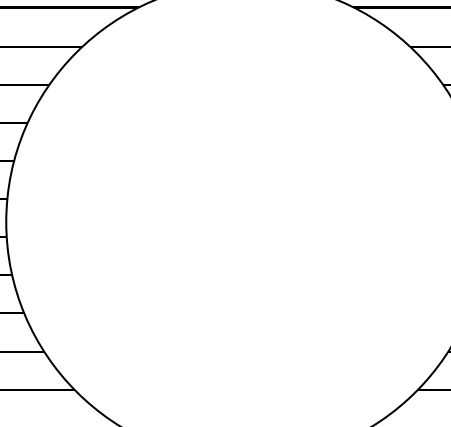
Exp count:

Dark frame:

Bias frame:

Software:

OBSERVATIONS

Indicate NORTH with arrow

NOTES

Rating:GD



MESSIER OBJECTS OF SPRING 0008

M108, NGC3556, UGC6225

OBSERVATION LOG

Observer:

Date:

Time:

OBJECT

Name: **M108, NGC3556, UGC6225**

R.A.: **11h 11m 31s**

Dec: **55° 40' 26"**

Const: **UMa**

Type: **GXY**

Magnitude: **10.6**

Size: **8.6x2.4**

OBSERVING SITE

Location:

Latitude:

Longitude:

Elevation:

SKY

Darkness/SQM:

Wind Speed:

Temperature:

Seeing:

Wind Dir:

Humidity:

TELESCOPE

OTA:

FL:

f/

Type:

Mount:

Slew Control:

Navigation Aid:

IMAGER

Eyepiece:

FOV:

Type:

Barlow:

Net Mag:

Camera:

Type:

ASA:

Guider:

Exp time:

Exp count:

Dark frame:

Bias frame:

Software:

OBSERVATIONS

Observation notes area with a large circular field of view diagram on the right side.

Indicate NORTH with arrow

NOTES

Rating:GD



MESSIER OBJECTS OF SPRING 0009

M97, Owl Nebula

OBSERVATION LOG

Observer:

Date:

Time:

OBJECT

Name: **M97, Owl Nebula**

R.A.: **11h 14m 48s**

Dec: **55° 01' 08"**

Const: **UMa**

Type: **PNE**

Magnitude: **12**

Size: **3.2**

OBSERVING SITE

Location:

Latitude:

Longitude:

Elevation:

SKY

Darkness/SQM:

Wind Speed:

Temperature:

Seeing:

Wind Dir:

Humidity:

TELESCOPE

OTA:

FL:

f/

Type:

Mount:

Slew Control:

Navigation Aid:

IMAGER

Eyepiece:

FOV:

Type:

Barlow:

Net Mag:

Camera:

Type:

ASA:

Guider:

Exp time:

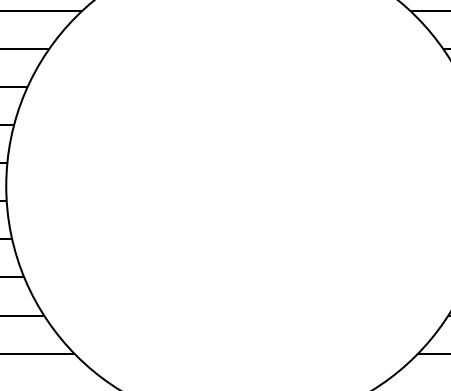
Exp count:

Dark frame:

Bias frame:

Software:

OBSERVATIONS

Indicate NORTH with arrow

NOTES

Rating:FR



MESSIER OBJECTS OF SPRING 0010

M65, Leo Triplet

OBSERVATION LOG

Observer:

Date:

Time:

OBJECT

Name: **M65, Leo Triplet**

R.A.: **11h 18m 56s**

Dec: **13° 05' 31"**

Const: **Leo**

Type: **GXY**

Magnitude: **10.1**

Size: **9x2.3**

OBSERVING SITE

Location:

Latitude:

Longitude:

Elevation:

SKY

Darkness/SQM:

Wind Speed:

Temperature:

Seeing:

Wind Dir:

Humidity:

TELESCOPE

OTA:

FL:

f/

Type:

Mount:

Slew Control:

Navigation Aid:

IMAGER

Eyepiece:

FOV:

Type:

Barlow:

Net Mag:

Camera:

Type:

ASA:

Guider:

Exp time:

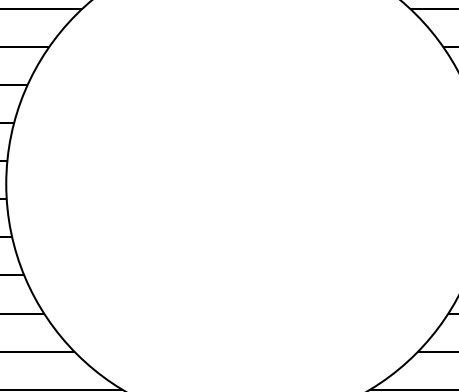
Exp count:

Dark frame:

Bias frame:

Software:

OBSERVATIONS

Indicate NORTH with arrow

NOTES

Rating:GD



MESSIER OBJECTS OF SPRING 0015

M106, NGC4258, UGC7353

OBSERVATION LOG

Observer:

Date:

Time:

OBJECT

Name: **M106, NGC4258, UGC7353**

R.A.: **12h 18m 58s**

Dec: **47° 18' 16"**

Const: **CVn**

Type: **GXY**

Magnitude: **9.1**

Size: **17.4x6.6**

OBSERVING SITE

Location:

Latitude:

Longitude:

Elevation:

SKY

Darkness/SQM:

Wind Speed:

Temperature:

Seeing:

Wind Dir:

Humidity:

TELESCOPE

OTA:

FL:

f/

Type:

Mount:

Slew Control:

Navigation Aid:

IMAGER

Eyepiece:

FOV:

Type:

Barlow:

Net Mag:

Camera:

Type:

ASA:

Guider:

Exp time:

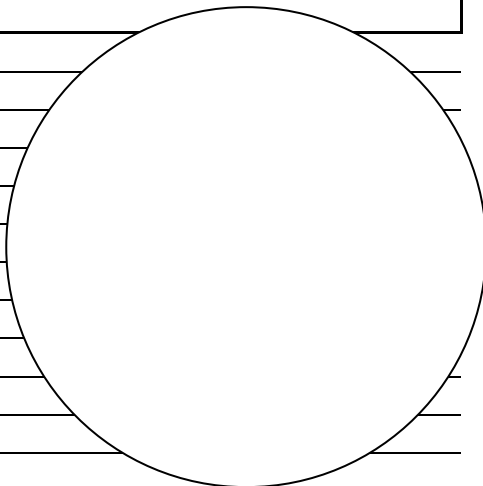
Exp count:

Dark frame:

Bias frame:

Software:

OBSERVATIONS



Indicate NORTH with arrow

NOTES

Rating:VG



MESSIER OBJECTS OF SPRING 0016

M61, Swelling Spiral

OBSERVATION LOG

Observer:

Date:

Time:

OBJECT

Name: **M61, Swelling Spiral**

R.A.: **12h 21m 55s**

Dec: **04° 28' 23"**

Const: **Vir**

Type: **GXY**

Magnitude: **10.1**

Size: **6.5x5.9**

OBSERVING SITE

Location:

Latitude:

Longitude:

Elevation:

SKY

Darkness/SQM:

Wind Speed:

Temperature:

Seeing:

Wind Dir:

Humidity:

TELESCOPE

OTA:

FL:

f/

Type:

Mount:

Slew Control:

Navigation Aid:

IMAGER

Eyepiece:

FOV:

Type:

Barlow:

Net Mag:

Camera:

Type:

ASA:

Guider:

Exp time:

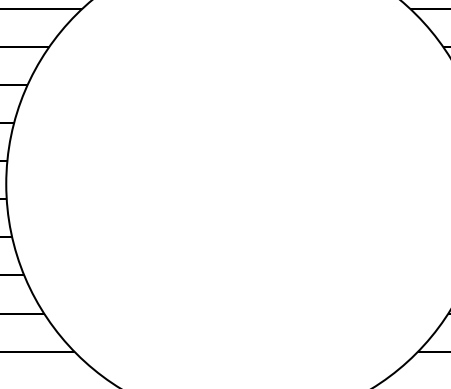
Exp count:

Dark frame:

Bias frame:

Software:

OBSERVATIONS

Indicate NORTH with arrow

NOTES

Rating:GD



MESSIER OBJECTS OF SPRING 0021

M86, NGC4406, UGC7532

OBSERVATION LOG

Observer:

Date:

Time:

OBJECT

Name: **M86, NGC4406, UGC7532**

R.A.: **12h 26m 12s**

Dec: **12° 56' 46"**

Const: **Vir**

Type: **GXY**

Magnitude: **9.9**

Size: **9.8x6.3**

OBSERVING SITE

Location:

Latitude:

Longitude:

Elevation:

SKY

Darkness/SQM:

Wind Speed:

Temperature:

Seeing:

Wind Dir:

Humidity:

TELESCOPE

OTA:

FL:

f/

Type:

Mount:

Slew Control:

Navigation Aid:

IMAGER

Eyepiece:

FOV:

Type:

Barlow:

Net Mag:

Camera:

Type:

ASA:

Guider:

Exp time:

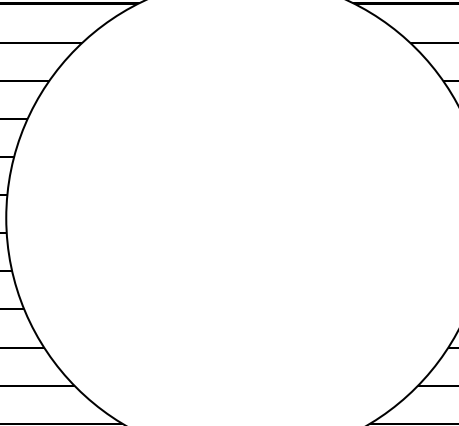
Exp count:

Dark frame:

Bias frame:

Software:

OBSERVATIONS

Indicate NORTH with arrow

NOTES

Rating:GD



MESSIER OBJECTS OF SPRING 0022

M49, NGC4472, UGC7629

OBSERVATION LOG

Observer:

Date:

Time:

OBJECT

Name: **M49, NGC4472, UGC7629**

R.A.: **12h 29m 47s**

Dec: **08° 00' 01"**

Const: **Vir**

Type: **GXY**

Magnitude: **9.3**

Size: **9.8x8.2**

OBSERVING SITE

Location:

Latitude:

Longitude:

Elevation:

SKY

Darkness/SQM:

Wind Speed:

Temperature:

Seeing:

Wind Dir:

Humidity:

TELESCOPE

OTA:

FL:

f/
Navigation Aid:

Type:

Mount:

Slew Control:

IMAGER

Eyepiece:

FOV:

Type:

Barlow:

Net Mag:

Camera:

Type:

ASA:

Guider:

Exp time:

Exp count:

Dark frame:

Bias frame:

Software:

OBSERVATIONS

Observation notes area with a large circular field of view on the right side.

Indicate NORTH with arrow

NOTES

Rating: VG



MESSIER OBJECTS OF SPRING 0025

M91

OBSERVATION LOG

Observer:

Date:

Time:

OBJECT

Name: **M91**

R.A.: **12h 35m 27s**

Dec: **14° 29' 47"**

Const: **Com**

Type: **GXY**

Magnitude: **10.9**

Size: **5.2x4.2**

OBSERVING SITE

Location:

Latitude:

Longitude:

Elevation:

SKY

Darkness/SQM:

Wind Speed:

Temperature:

Seeing:

Wind Dir:

Humidity:

TELESCOPE

OTA:

FL:

f/

Type:

Mount:

Slew Control:

Navigation Aid:

IMAGER

Eyepiece:

FOV:

Type:

Barlow:

Net Mag:

Camera:

Type:

ASA:

Guider:

Exp time:

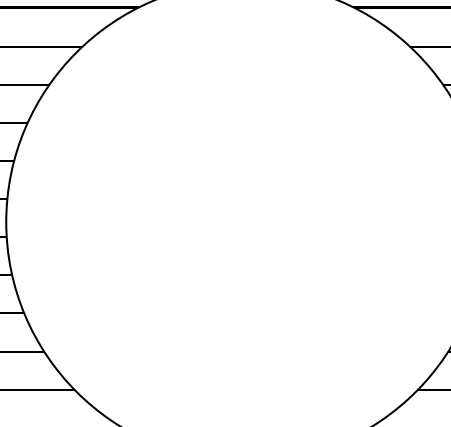
Exp count:

Dark frame:

Bias frame:

Software:

OBSERVATIONS

Indicate NORTH with arrow

NOTES

(Missing)

Rating:GD



MESSIER OBJECTS OF SPRING 0027

M90, NGC4569, UGC7786

OBSERVATION LOG

Observer:

Date:

Time:

OBJECT

Name: **M90, NGC4569, UGC7786**

R.A.: **12h 36m 50s**

Dec: **13° 09' 48"**

Const: **Vir**

Type: **GXY**

Magnitude: **10.2**

Size: **9.9x4.4**

OBSERVING SITE

Location:

Latitude:

Longitude:

Elevation:

SKY

Darkness/SQM:

Wind Speed:

Temperature:

Seeing:

Wind Dir:

Humidity:

TELESCOPE

OTA:

FL:

f/

Type:

Mount:

Slew Control:

Navigation Aid:

IMAGER

Eyepiece:

FOV:

Type:

Barlow:

Net Mag:

Camera:

Type:

ASA:

Guider:

Exp time:

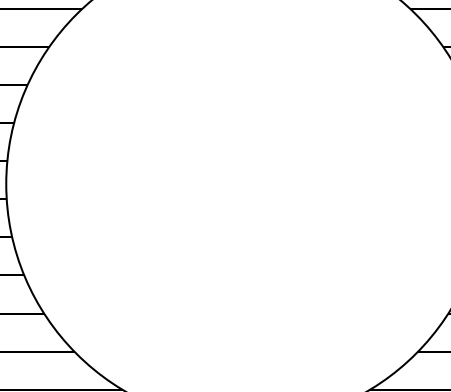
Exp count:

Dark frame:

Bias frame:

Software:

OBSERVATIONS

Indicate NORTH with arrow

NOTES

Rating:GD



MESSIER OBJECTS OF SPRING 0028

M58, NGC4579, UGC7796

OBSERVATION LOG

Observer:

Date:

Time:

OBJECT

Name: **M58, NGC4579, UGC7796**

R.A.: **12h 37m 44s**

Dec: **11° 49' 06"**

Const: **Vir**

Type: **GXY**

Magnitude: **10.4**

Size: **6x4.8**

OBSERVING SITE

Location:

Latitude:

Longitude:

Elevation:

SKY

Darkness/SQM:

Wind Speed:

Temperature:

Seeing:

Wind Dir:

Humidity:

TELESCOPE

OTA:

FL:

f/

Type:

Mount:

Slew Control:

Navigation Aid:

IMAGER

Eyepiece:

FOV:

Type:

Barlow:

Net Mag:

Camera:

Type:

ASA:

Guider:

Exp time:

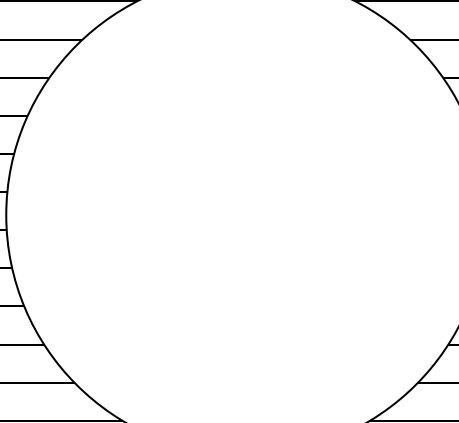
Exp count:

Dark frame:

Bias frame:

Software:

OBSERVATIONS

Indicate NORTH with arrow

NOTES

Rating:GD



MESSIER OBJECTS OF SPRING 0029

M68, NGC4590

OBSERVATION LOG

Observer:

Date:

Time:

OBJECT

Name: **M68, NGC4590**

R.A.: **12h 39m 28s**

Dec: **-26° 44' 32"**

Const: **Hya**

Type: **GCL**

Magnitude: **9**

Size: **12**

OBSERVING SITE

Location:

Latitude:

Longitude:

Elevation:

SKY

Darkness/SQM:

Wind Speed:

Temperature:

Seeing:

Wind Dir:

Humidity:

TELESCOPE

OTA:

FL:

f/

Type:

Mount:

Slew Control:

Navigation Aid:

IMAGER

Eyepiece:

FOV:

Type:

Barlow:

Net Mag:

Camera:

Type:

ASA:

Guider:

Exp time:

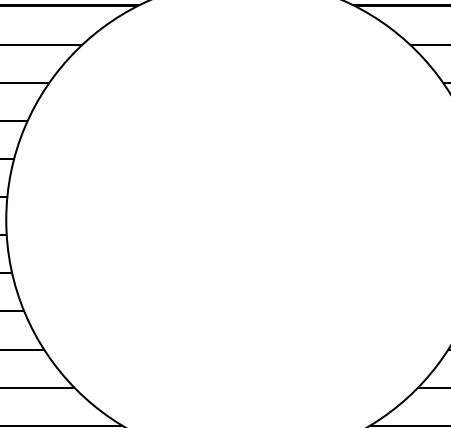
Exp count:

Dark frame:

Bias frame:

Software:

OBSERVATIONS

Indicate NORTH with arrow

NOTES

Rating: VG



MESSIER OBJECTS OF SPRING 0034

M64, Black Eye Galaxy

OBSERVATION LOG

Observer:

Date:

Time:

OBJECT

Name: **M64, Black Eye Galaxy**

R.A.: **12h 56m 44s**

Dec: **21° 40' 58"**

Const: **Com**

Type: **GXY**

Magnitude: **9.3**

Size: **10.3x5**

OBSERVING SITE

Location:

Latitude:

Longitude:

Elevation:

SKY

Darkness/SQM:

Wind Speed:

Temperature:

Seeing:

Wind Dir:

Humidity:

TELESCOPE

OTA:

FL:

f/

Type:

Mount:

Slew Control:

Navigation Aid:

IMAGER

Eyepiece:

FOV:

Type:

Barlow:

Net Mag:

Camera:

Type:

ASA:

Guider:

Exp time:

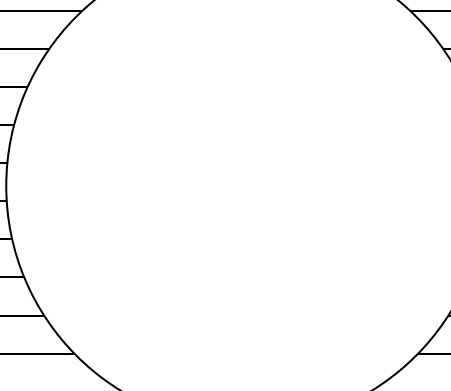
Exp count:

Dark frame:

Bias frame:

Software:

OBSERVATIONS

Indicate NORTH with arrow

NOTES

Rating: VG



MESSIER OBJECTS OF SPRING 0035

M53, NGC5024

OBSERVATION LOG

Observer:

Date:

Time:

OBJECT

Name: **M53, NGC5024**

R.A.: **13h 12m 55s**

Dec: **18° 10' 07"**

Const: **Com**

Type: **GCL**

Magnitude: **8.5**

Size: **12.6**

OBSERVING SITE

Location:

Latitude:

Longitude:

Elevation:

SKY

Darkness/SQM:

Wind Speed:

Temperature:

Seeing:

Wind Dir:

Humidity:

TELESCOPE

OTA:

FL:

f/

Type:

Mount:

Slew Control:

Navigation Aid:

IMAGER

Eyepiece:

FOV:

Type:

Barlow:

Net Mag:

Camera:

Type:

ASA:

Guider:

Exp time:

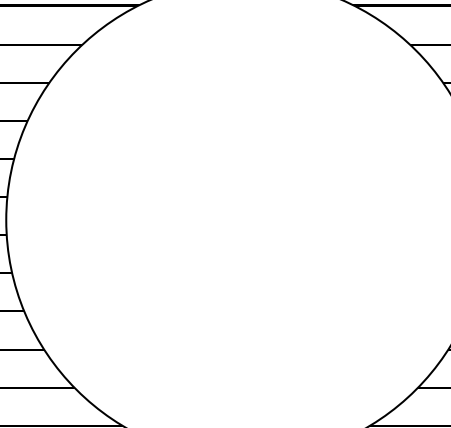
Exp count:

Dark frame:

Bias frame:

Software:

OBSERVATIONS

Indicate NORTH with arrow

NOTES

Rating: VG



MESSIER OBJECTS OF SPRING 0037

M51, Whirlpool Galaxy

OBSERVATION LOG

Observer:

Date:

Time:

OBJECT

Name: **M51, Whirlpool Galaxy**

R.A.: **13h 29m 52s**

Dec: **47° 11' 45"**

Const: **CVn**

Type: **GXY**

Magnitude: **8.9**

Size: **10.8x6.6**

OBSERVING SITE

Location:

Latitude:

Longitude:

Elevation:

SKY

Darkness/SQM:

Wind Speed:

Temperature:

Seeing:

Wind Dir:

Humidity:

TELESCOPE

OTA:

FL:

f/

Type:

Mount:

Slew Control:

Navigation Aid:

IMAGER

Eyepiece:

FOV:

Type:

Barlow:

Net Mag:

Camera:

Type:

ASA:

Guider:

Exp time:

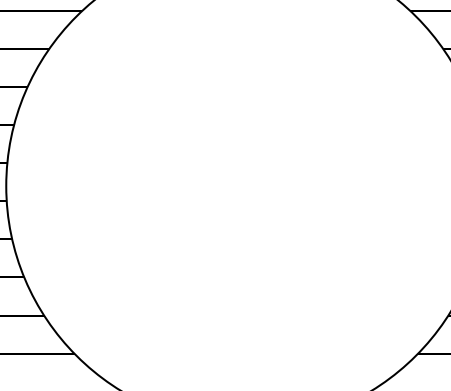
Exp count:

Dark frame:

Bias frame:

Software:

OBSERVATIONS

Indicate NORTH with arrow

NOTES

Rating: VG



MESSIER OBJECTS OF SPRING 0039

M3, NGC5272

OBSERVATION LOG

Observer:

Date:

Time:

OBJECT

Name: **M3, NGC5272**

R.A.: **13h 42m 11s**

Dec: **28° 22' 35"**

Const: **CVn**

Type: **GCL**

Magnitude: **7**

Size: **16.2**

OBSERVING SITE

Location:

Latitude:

Longitude:

Elevation:

SKY

Darkness/SQM:

Wind Speed:

Temperature:

Seeing:

Wind Dir:

Humidity:

TELESCOPE

OTA:

FL:

f/

Type:

Mount:

Slew Control:

Navigation Aid:

IMAGER

Eyepiece:

FOV:

Type:

Barlow:

Net Mag:

Camera:

Type:

ASA:

Guider:

Exp time:

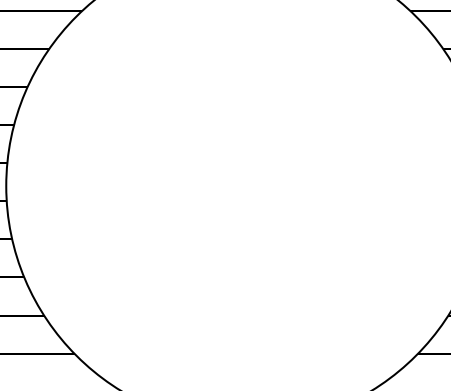
Exp count:

Dark frame:

Bias frame:

Software:

OBSERVATIONS

Indicate NORTH with arrow

NOTES

Rating:EX



MESSIER OBJECTS OF SPRING 0040

M101, Pinwheel Galaxy

OBSERVATION LOG

Observer:

Date:

Time:

OBJECT

Name: **M101, Pinwheel Galaxy**

R.A.: **14h 03m 13s**

Dec: **54° 20' 56"**

Const: **UMa**

Type: **GXY**

Magnitude: **8.2**

Size: **28.5x28.3**

OBSERVING SITE

Location:

Latitude:

Longitude:

Elevation:

SKY

Darkness/SQM:

Wind Speed:

Temperature:

Seeing:

Wind Dir:

Humidity:

TELESCOPE

OTA:

FL:

f/

Type:

Mount:

Slew Control:

Navigation Aid:

IMAGER

Eyepiece:

FOV:

Type:

Barlow:

Net Mag:

Camera:

Type:

ASA:

Guider:

Exp time:

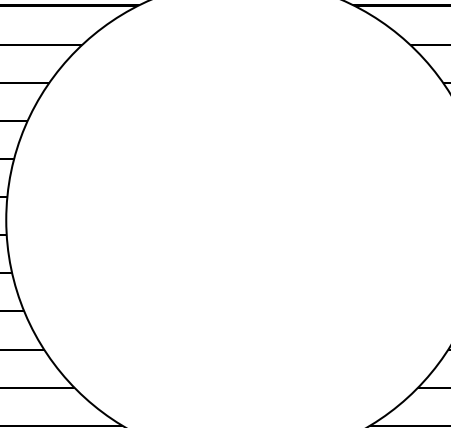
Exp count:

Dark frame:

Bias frame:

Software:

OBSERVATIONS

Indicate NORTH with arrow

NOTES

Rating: VG



MESSIER OBJECTS OF SPRING 0042

M5, NGC5904

OBSERVATION LOG

Observer:

Date:

Time:

OBJECT

Name: **M5, NGC5904**

R.A.: **15h 18m 33s**

Dec: **02° 04' 57"**

Const: **Ser**

Type: **GCL**

Magnitude: **7**

Size: **17.4**

OBSERVING SITE

Location:

Latitude:

Longitude:

Elevation:

SKY

Darkness/SQM:

Wind Speed:

Temperature:

Seeing:

Wind Dir:

Humidity:

TELESCOPE

OTA:

FL:

f/

Type:

Mount:

Slew Control:

Navigation Aid:

IMAGER

Eyepiece:

FOV:

Type:

Barlow:

Net Mag:

Camera:

Type:

ASA:

Guider:

Exp time:

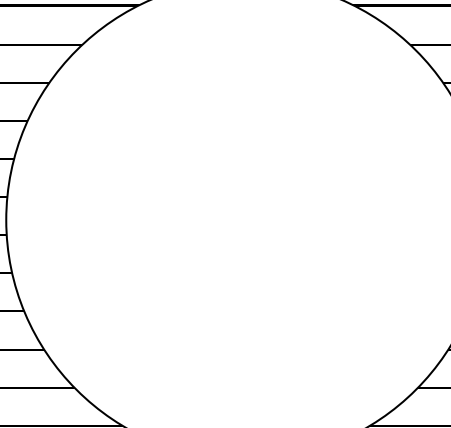
Exp count:

Dark frame:

Bias frame:

Software:

OBSERVATIONS

Indicate NORTH with arrow

NOTES

Rating:EX

