

MESSIER OBJECT OBSERVATION LOG

M1

Inspired by *Le Catalogue des Nébuleuses par Charles Messier*

Observer: _____ Date: _____ Time: _____

OBJECT

Name: **M1, NGC1952, Crab Nebula**
 R.A.: **05h34m32s** Dec: **22°00'52"** Const: **Tau**
 Type: **PNE** Magnitude: **8.4** Size: **6x4**

OBSERVING SITE

Location: _____
 Latitude: _____ Longitude: _____ Elevation: _____

SKY

Darkness/SQM: _____ Wind Speed: _____ Temperature: _____
 Seeing: _____ Wind Dir: _____ Humidity: _____

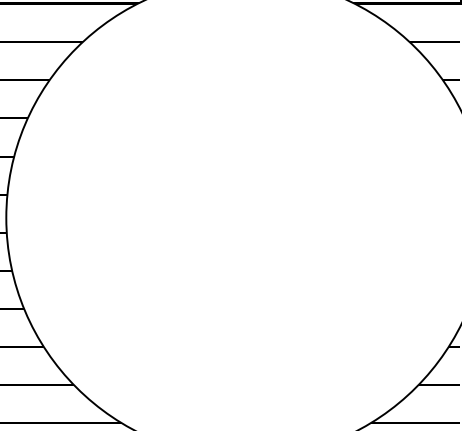
TELESCOPE

OTA: _____ FL: _____ *f/l* 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

WINTER
 Rating:EX
 vB, vL, E 135deg +/- , vglbM, r
 Binoculars: 7x35: Challenge; 20x80: Tougher

MESSIER OBJECT OBSERVATION LOG

M2

Inspired by *Le Catalogue des Nébuleuses par Charles Messier*

Observer: _____ Date: _____ Time: _____

OBJECT

Name: **M2, NGC7089**
R.A.: **21h33m27s** Dec: **00°49'23"** Const: **Aqr**
Type: **GCL** Magnitude: **7.5** Size: **12.9**

OBSERVING SITE

Location: _____
Latitude: _____ Longitude: _____ Elevation: _____

SKY

Darkness/SQM: _____ Wind Speed: _____ Temperature: _____
Seeing: _____ Wind Dir: _____ Humidity: _____

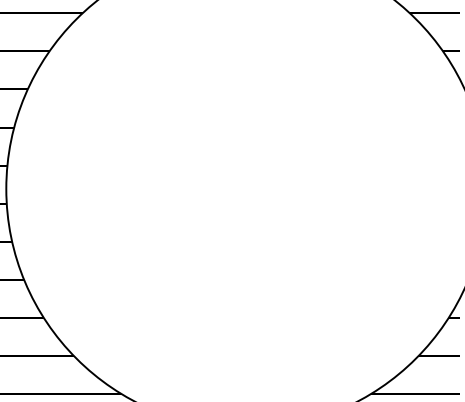
TELESCOPE

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

AUTUMN
Rating:EX
!!, glob. cl. , B, vL, gpmbM, rrr, st eS
Binoculars: 7x35: Easy; 20x80: Easy

MESSIER OBJECT OBSERVATION LOG

M3

Inspired by *Le Catalogue des Nébuleuses par Charles Messier*

Observer:

Date:

Time:

OBJECT

Name: **M3, NGC5272**

R.A.: **13h42m11s**

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/*l*

Type:

Mount:

Slew Control:

Navigation Aid:

IMAGER

Eyepiece:

FOV:

Type:

Barlow:

Net Mag:

Camera:

Type:

ASA:

Guider:

Exp time:

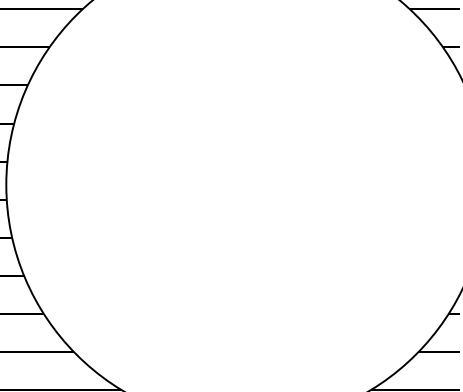
Exp count:

Dark frame:

Bias frame:

Software:

OBSERVATIONS

Indicate NORTH with arrow

NOTES

SPRING

Rating:EX

!!, glob. cl. , eB, vL, vsmbM, st 11...

Binoculars: 7x35: Easy; 20x80: Easy

MESSIER OBJECT OBSERVATION LOG

M4

Inspired by *Le Catalogue des Nébuleuses par Charles Messier*

Observer: _____ Date: _____ Time: _____

OBJECT

Name: **M4, NGC6121, Cat's Eye**
 R.A.: **16h23m35s** Dec: **-26°31'35"** Const: **Sco**
 Type: **GCL** Magnitude: **7.5** Size: **26.3**

OBSERVING SITE

Location: _____
 Latitude: _____ Longitude: _____ Elevation: _____

SKY

Darkness/SQM: _____ Wind Speed: _____ Temperature: _____
 Seeing: _____ Wind Dir: _____ Humidity: _____

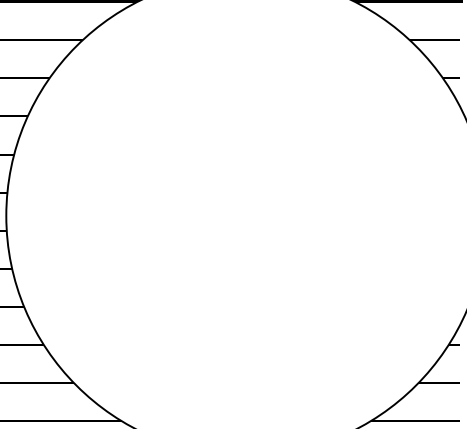
TELESCOPE

OTA: _____ FL: _____ *f/l* 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

SUMMER
 Rating:EX
 Cl, 8 or 10 B st line, with 5 st, rrr
 Binoculars: 7x35: Easy; 20x80: Easy

MESSIER OBJECT OBSERVATION LOG

M5

Inspired by *Le Catalogue des Nébuleuses par Charles Messier*

Observer:

Date:

Time:

OBJECT

Name: **M5, NGC5904**

R.A.: **15h18m33s**

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:

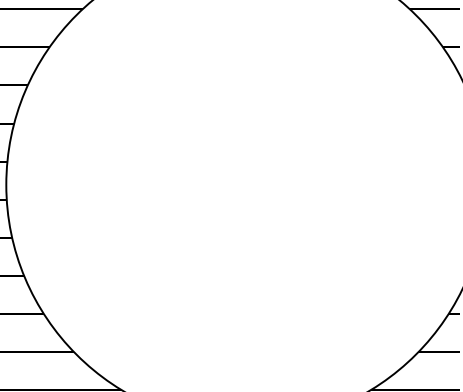
Exp count:

Dark frame:

Bias frame:

Software:

OBSERVATIONS

Indicate NORTH with arrow

NOTES

SPRING

Rating:EX

!!, glob. cl. , vB, L, eCM, st 11...15

Binoculars: 7x35: Easy; 20x80: Easy

MESSIER OBJECT OBSERVATION LOG

M6

Inspired by *Le Catalogue des Nébuleuses par Charles Messier*

Observer: _____ Date: _____ Time: _____

OBJECT

Name: **M6, NGC6405, Butterfly Cluster**
 R.A.: **17h40m20s** Dec: **-32°15'12"** Const: **Sco**
 Type: **OCL** Magnitude: **4.5** Size: **15**

OBSERVING SITE

Location: _____
 Latitude: _____ Longitude: _____ Elevation: _____

SKY

Darkness/SQM: _____ Wind Speed: _____ Temperature: _____
 Seeing: _____ Wind Dir: _____ Humidity: _____

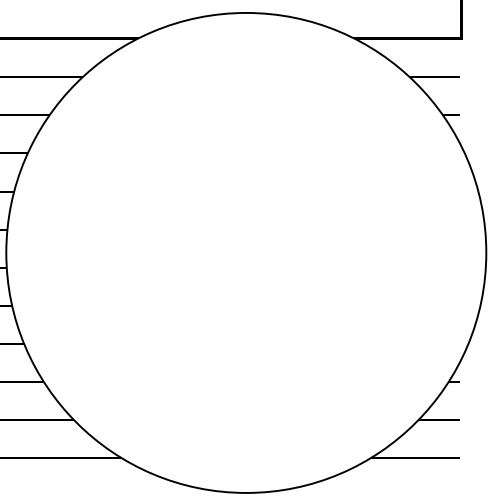
TELESCOPE

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

SUMMER
 Rating: SU
 Cl, L, iR, IC, st 7, 10...
 Binoculars: 7x35: Easy; 20x80: Easy

MESSIER OBJECT OBSERVATION LOG

M7

Inspired by *Le Catalogue des Nébuleuses par Charles Messier*

Observer: _____ Date: _____ Time: _____

OBJECT

Name: **M7, NGC6475, Scorpion's Tail, Ptolemy's Cluster**
 R.A.: **17h53m51s** Dec: **-34°47'36"** Const: **Sco**
 Type: **OCL** Magnitude: **3.5** Size: **80**

OBSERVING SITE

Location: _____
 Latitude: _____ Longitude: _____ Elevation: _____

SKY

Darkness/SQM: _____ Wind Speed: _____ Temperature: _____
 Seeing: _____ Wind Dir: _____ Humidity: _____

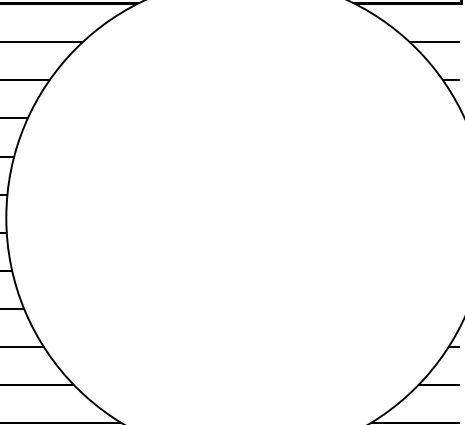
TELESCOPE

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

SUMMER
 Rating:SU
 Cl, vB, pRi, IC, st 7...12
 Binoculars: 7x35: Easy; 20x80: Easy

MESSIER OBJECT OBSERVATION LOG

M8

Inspired by *Le Catalogue des Nébuleuses par Charles Messier*

Observer:

Date:

Time:

OBJECT

Name: **M8, NGC6523, Lagoon Nebula**

R.A.: **18h03m41s**

Dec: **-24°22'48"**

Const: **Sgr**

Type: **OCL + DNE**

Magnitude: **5**

Size: **90**

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:

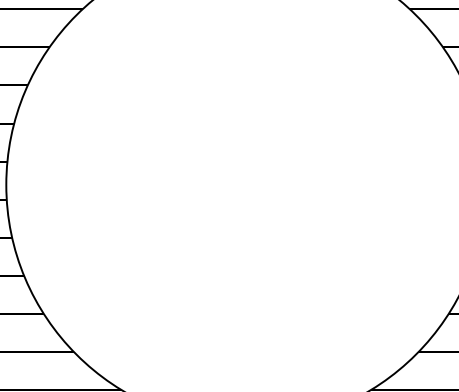
Exp count:

Dark frame:

Bias frame:

Software:

OBSERVATIONS

Indicate NORTH with arrow

NOTES

SUMMER

Rating:EX

!!! vB, eL, eiF, with L CI

Binoculars: 7x35: Easy; 20x80: Easy

MESSIER OBJECT OBSERVATION LOG

M9

Inspired by *Le Catalogue des Nébuleuses par Charles Messier*

Observer:

Date:

Time:

OBJECT

Name: **M9, NGC6333**

R.A.: **17h19m12s**

Dec: **-18°30'58"**

Const: **Oph**

Type: **GCL**

Magnitude: **9**

Size: **9.3**

OBSERVING SITE

Location:

Latitude:

Longitude:

Elevation:

SKY

Darkness/SQM:

Wind Speed:

Temperature:

Seeing:

Wind Dir:

Humidity:

TELESCOPE

OTA:

FL:

f/l

Type:

Mount:

Slew Control:

Navigation Aid:

IMAGER

Eyepiece:

FOV:

Type:

Barlow:

Net Mag:

Camera:

Type:

ASA:

Guider:

Exp time:

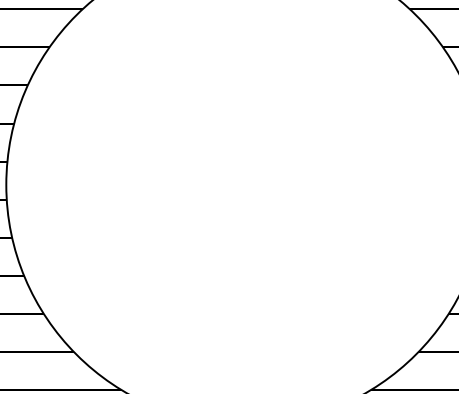
Exp count:

Dark frame:

Bias frame:

Software:

OBSERVATIONS

Indicate NORTH with arrow

NOTES

SUMMER

Rating:VG

glob. cl. , B, L, R, eCM, rrr, st 14

Binoculars: 7x35: Challenge; 20x80: Tougher

MESSIER OBJECT OBSERVATION LOG

M10

Inspired by *Le Catalogue des Nébuleuses par Charles Messier*

Observer: _____ Date: _____ Time: _____

OBJECT

Name: **M10, NGC6254**
 R.A.: **16h57m09s** Dec: **-04°05'56"** Const: **Oph**
 Type: **GCL** Magnitude: **7.5** Size: **15.1**

OBSERVING SITE

Location: _____
 Latitude: _____ Longitude: _____ Elevation: _____

SKY

Darkness/SQM: _____ Wind Speed: _____ Temperature: _____
 Seeing: _____ Wind Dir: _____ Humidity: _____

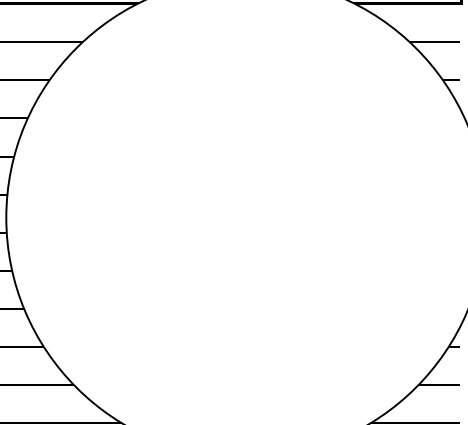
TELESCOPE

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

SUMMER
 Rating:EX
 ! glob. cl. , B, vL, R, gvmbM, rrr, st 10...15
 Binoculars: 7x35: Easy; 20x80: Easy

MESSIER OBJECT OBSERVATION LOG

M11

Inspired by *Le Catalogue des Nébuleuses par Charles Messier*

Observer: _____ Date: _____ Time: _____

OBJECT

Name: **M11, NGC6705, Wild Duck Cluster**
 R.A.: **18h51m05s** Dec: **-06°16'12"** Const: **Sct**
 Type: **OCL** Magnitude: **7** Size: **14**

OBSERVING SITE

Location: _____
 Latitude: _____ Longitude: _____ Elevation: _____

SKY

Darkness/SQM: _____ Wind Speed: _____ Temperature: _____
 Seeing: _____ Wind Dir: _____ Humidity: _____

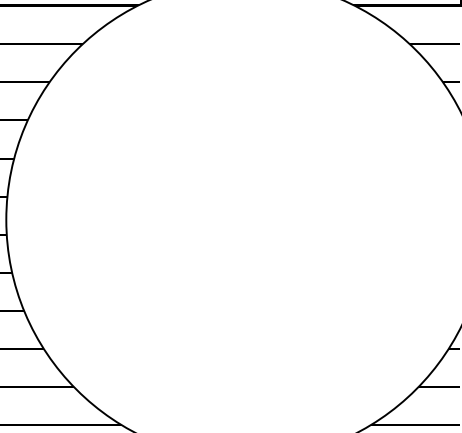
TELESCOPE

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

SUMMER
 Rating:EX
 !, Cl, vB, L, iR, Ri, *9, st 11...
 Binoculars: 7x35: Easy; 20x80: Easy

MESSIER OBJECT OBSERVATION LOG

M12

Inspired by *Le Catalogue des Nébuleuses par Charles Messier*

Observer:

Date:

Time:

OBJECT

Name: **M12, NGC6218, Gumball Globular**

R.A.: **16h47m14s**

Dec: **-01°56'52"**

Const: **Oph**

Type: **GCL**

Magnitude: **8**

Size: **14.5**

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:

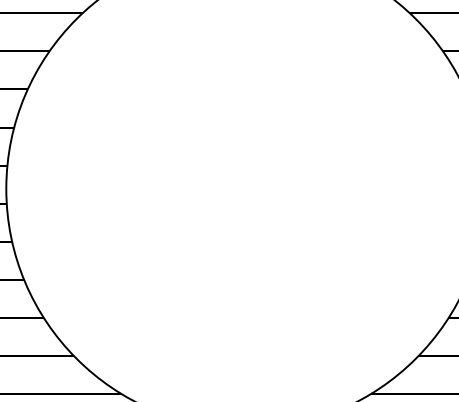
Exp count:

Dark frame:

Bias frame:

Software:

OBSERVATIONS

Indicate NORTH with arrow

NOTES

SUMMER

Rating:EX

!! glob. Cl. , vB, vL, iR, gmbM, rrr, st 10...

Binoculars: 7x35: Easy; 20x80: Easy

MESSIER OBJECT OBSERVATION LOG

M13

Inspired by *Le Catalogue des Nébuleuses par Charles Messier*

Observer:

Date:

Time:

OBJECT

Name: **M13, NGC6205, Hercules Cluster**

R.A.: **16h41m41s**

Dec: **36°27'35"**

Const: **Her**

Type: **GCL**

Magnitude: **7**

Size: **16.6**

OBSERVING SITE

Location:

Latitude:

Longitude:

Elevation:

SKY

Darkness/SQM:

Wind Speed:

Temperature:

Seeing:

Wind Dir:

Humidity:

TELESCOPE

OTA:

FL:

f/l

Type:

Mount:

Slew Control:

Navigation Aid:

IMAGER

Eyepiece:

FOV:

Type:

Barlow:

Net Mag:

Camera:

Type:

ASA:

Guider:

Exp time:

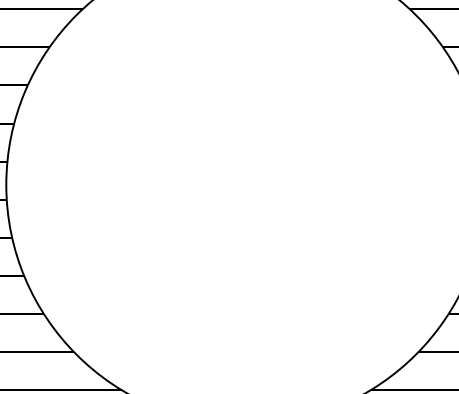
Exp count:

Dark frame:

Bias frame:

Software:

OBSERVATIONS

Indicate NORTH with arrow

NOTES

SUMMER

Rating:EX

!! glob. cl. , eB, vRi, vgeCM, st 11...

Binoculars: 7x35: Easy; 20x80: Easy

MESSIER OBJECT OBSERVATION LOG

M14

Inspired by *Le Catalogue des Nébuleuses par Charles Messier*

Observer: _____ Date: _____ Time: _____

OBJECT

Name: **M14, NGC6402**
 R.A.: **17h37m36s** Dec: **-03°14'43"** Const: **Oph**
 Type: **GCL** Magnitude: **9.5** Size: **11.7**

OBSERVING SITE

Location: _____
 Latitude: _____ Longitude: _____ Elevation: _____

SKY

Darkness/SQM: _____ Wind Speed: _____ Temperature: _____
 Seeing: _____ Wind Dir: _____ Humidity: _____

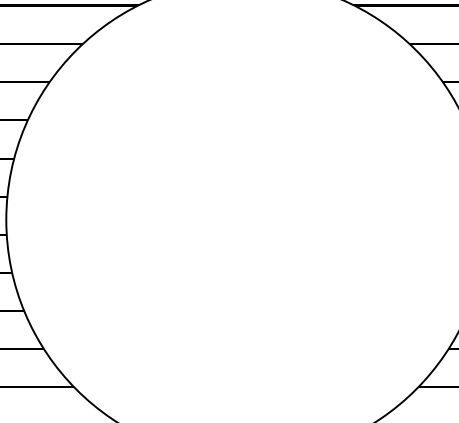
TELESCOPE

OTA: _____ FL: _____ *f/l* 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

SUMMER
 Rating: VG
 ! glob. cl. , B, vL, R, eRi, vgmbM, rrr, st 15
 Binoculars: 7x35: Tougher; 20x80: Easy

MESSIER OBJECT OBSERVATION LOG

M15

Inspired by *Le Catalogue des Nébuleuses par Charles Messier*

Observer: _____ Date: _____ Time: _____

OBJECT

Name: **M15, NGC7078, Pegasus Cluster**
 R.A.: **21h29m58s** Dec: **12°10'02"** Const: **Peg**
 Type: **GCL** Magnitude: **7.5** Size: **12.3**

OBSERVING SITE

Location: _____
 Latitude: _____ Longitude: _____ Elevation: _____

SKY

Darkness/SQM: _____ Wind Speed: _____ Temperature: _____
 Seeing: _____ Wind Dir: _____ Humidity: _____

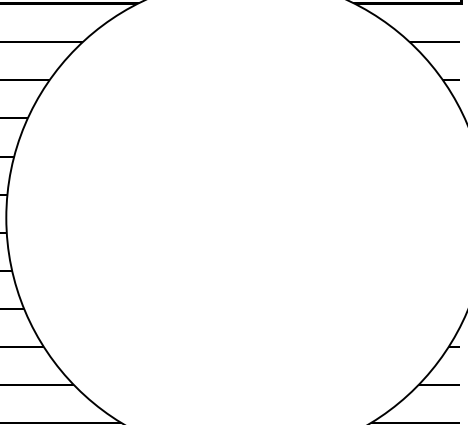
TELESCOPE

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

AUTUMN
 Rating:EX
 !, glob. cl. , vB, vL, iR, vsmbM, rrr, st vS
 Binoculars: 7x35: Easy; 20x80: Easy

MESSIER OBJECT OBSERVATION LOG

M16

Inspired by *Le Catalogue des Nébuleuses par Charles Messier*

Observer: _____ Date: _____ Time: _____

OBJECT

Name: **M16, NGC6611, Eagle Nebula**
 R.A.: **18h18m48s** Dec: **-13°48'24"** Const: **Ser**
 Type: **OCL + DNE** Magnitude: **6.5** Size: **35**

OBSERVING SITE

Location: _____
 Latitude: _____ Longitude: _____ Elevation: _____

SKY

Darkness/SQM: _____ Wind Speed: _____ Temperature: _____
 Seeing: _____ Wind Dir: _____ Humidity: _____

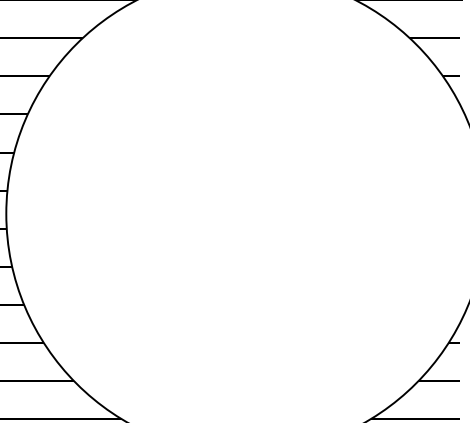
TELESCOPE

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

SUMMER
 Rating:EX
 Cl, at least 100 st L & S
 Binoculars: 7x35: Easy; 20x80: Easy

MESSIER OBJECT OBSERVATION LOG

M17

Inspired by *Le Catalogue des Nébuleuses par Charles Messier*

Observer:

Date:

Time:

OBJECT

Name: **M17, NGC6618, Omega Nebula**

R.A.: **18h20m47s**

Dec: **-16°10'18"**

Const: **Sgr**

Type: **OCL + DNE**

Magnitude: **7**

Size: **46**

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

SUMMER

Rating:EX

!!!, B, eL, eiF, 2 hooked

Binoculars: 7x35: Easy; 20x80: Easy

MESSIER OBJECT OBSERVATION LOG

M19

Inspired by *Le Catalogue des Nébuleuses par Charles Messier*

Observer: _____ Date: _____ Time: _____

OBJECT

Name: **M19, NGC6273**
 R.A.: **17h02m38s** Dec: **-26°16'04"** Const: **Oph**
 Type: **GCL** Magnitude: **8.5** Size: **13.5**

OBSERVING SITE

Location: _____
 Latitude: _____ Longitude: _____ Elevation: _____

SKY

Darkness/SQM: _____ Wind Speed: _____ Temperature: _____
 Seeing: _____ Wind Dir: _____ Humidity: _____

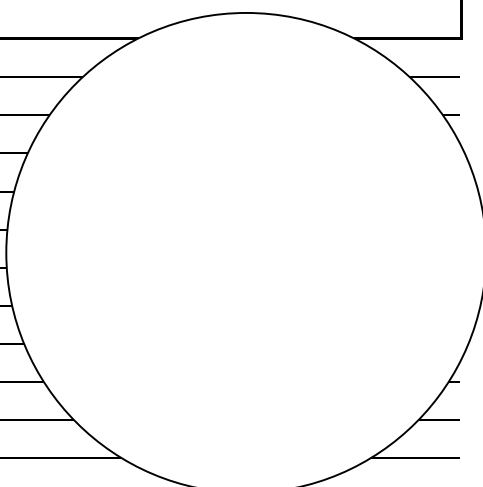
TELESCOPE

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

SUMMER
 Rating: VG
 glob. cl. , vB, L, R, vCM, rrr, st 16
 Binoculars: 7x35: Tougher; 20x80: Easy

MESSIER OBJECT OBSERVATION LOG

M20

Inspired by *Le Catalogue des Nébuloses par Charles Messier*

Observer:

Date:

Time:

OBJECT

Name: **M20, NGC6514, Trifid Nebula**

R.A.: **18h02m42s**

Dec: **-22°58'18"**

Const: **Sgr**

Type: **OCL + DNE**

Magnitude: **5**

Size: **29**

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

Horizontal lines for text entry, partially obscured by a large circle on the right side.

Indicate NORTH with arrow

NOTES

SUMMER

Rating:EX

!!! vB, vL, trifid, D* inv

Binoculars: 7x35: NA; 20x80: Challenge

MESSIER OBJECT OBSERVATION LOG

M21

Inspired by *Le Catalogue des Nébuleuses par Charles Messier*

Observer:

Date:

Time:

OBJECT

Name: **M21, NGC6531**

R.A.: **18h04m13s**

Dec: **-22°29'24"**

Const: **Sgr**

Type: **OCL**

Magnitude: **7**

Size: **13**

OBSERVING SITE

Location:

Latitude:

Longitude:

Elevation:

SKY

Darkness/SQM:

Wind Speed:

Temperature:

Seeing:

Wind Dir:

Humidity:

TELESCOPE

OTA:

FL:

f/*l*

Type:

Mount:

Slew Control:

Navigation Aid:

IMAGER

Eyepiece:

FOV:

Type:

Barlow:

Net Mag:

Camera:

Type:

ASA:

Guider:

Exp time:

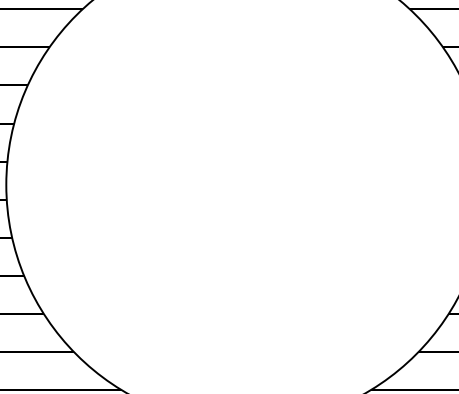
Exp count:

Dark frame:

Bias frame:

Software:

OBSERVATIONS

Indicate NORTH with arrow

NOTES

SUMMER

Rating:EX

Cl, pRi, IC, st 9...12

NOT VISIBLE WITH BINOCULARS

MESSIER OBJECT OBSERVATION LOG

M22

Inspired by *Le Catalogue des Nébuleuses par Charles Messier*

Observer:

Date:

Time:

OBJECT

Name: **M22, NGC6656, Sagittarius Cluster**

R.A.: **18h36m24s**

Dec: **-23°54'17"**

Const: **Sgr**

Type: **GCL**

Magnitude: **6.5**

Size: **24**

OBSERVING SITE

Location:

Latitude:

Longitude:

Elevation:

SKY

Darkness/SQM:

Wind Speed:

Temperature:

Seeing:

Wind Dir:

Humidity:

TELESCOPE

OTA:

FL:

f/*l*

Type:

Mount:

Slew Control:

Navigation Aid:

IMAGER

Eyepiece:

FOV:

Type:

Barlow:

Net Mag:

Camera:

Type:

ASA:

Guider:

Exp time:

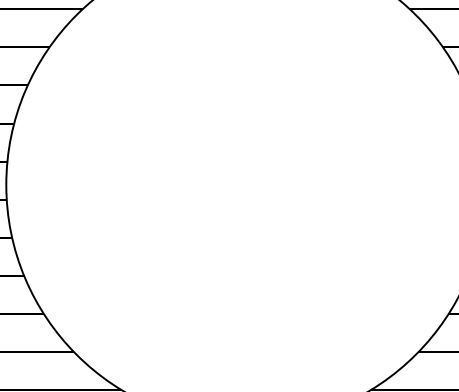
Exp count:

Dark frame:

Bias frame:

Software:

OBSERVATIONS

Indicate NORTH with arrow

NOTES

SUMMER

Rating:EX

!!, glob. cl. , vB, vL, R, vRi, vmC, st 11...15

Binoculars: 7x35: Easy; 20x80: Easy

MESSIER OBJECT OBSERVATION LOG

M23

Inspired by *Le Catalogue des Nébuleuses par Charles Messier*

Observer:

Date:

Time:

OBJECT

Name: **M23, NGC6494**

R.A.: **17h57m04s**

Dec: **-18°59'06"**

Const: **Sgr**

Type: **OCL**

Magnitude: **6**

Size: **27**

OBSERVING SITE

Location:

Latitude:

Longitude:

Elevation:

SKY

Darkness/SQM:

Wind Speed:

Temperature:

Seeing:

Wind Dir:

Humidity:

TELESCOPE

OTA:

FL:

f/*l*

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

SUMMER

Rating:EX

Cl, B, vL, pRi, IC, st 10...

Binoculars: 7x35: Easy; 20x80: Easy

MESSIER OBJECT OBSERVATION LOG

M24

Inspired by *Le Catalogue des Nébuleuses par Charles Messier*

Observer: _____ Date: _____ Time: _____

OBJECT

Name: **M24, NGC6603, Sagittarius Star Cloud, Milky Way Star Patch**
 R.A.: **18h18m26s** Dec: **-18°24'24"** Const: **Sgr**
 Type: **OCL** Magnitude: **4.5** Size: **80x35**

OBSERVING SITE

Location: _____
 Latitude: _____ Longitude: _____ Elevation: _____

SKY

Darkness/SQM: _____ Wind Speed: _____ Temperature: _____
 Seeing: _____ Wind Dir: _____ Humidity: _____

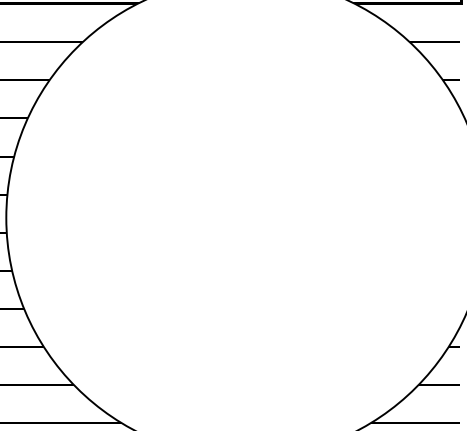
TELESCOPE

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

SUMMER
 Rating: VG
 !, Cl, vRi, vmC, R, st 15 (Milky Way)
 Binoculars: 7x35: Easy; 20x80: Easy

MESSIER OBJECT OBSERVATION LOG

M25

Inspired by *Le Catalogue des Nébuleuses par Charles Messier*

Observer:

Date:

Time:

OBJECT

Name: **M25, IC4725**

R.A.: **18h31m42s**

Type: **OCL**

Dec: **-19°07'00"**

Magnitude: **6.5**

Const: **Sgr**

Size: **40**

OBSERVING SITE

Location:

Latitude:

Longitude:

Elevation:

SKY

Darkness/SQM:

Seeing:

Wind Speed:

Wind Dir:

Temperature:

Humidity:

TELESCOPE

OTA:

Slew Control:

FL:

f/l

Navigation Aid:

Type:

Mount:

IMAGER

Eyepiece:

Camera:

Exp time:

Type:

Exp count:

FOV:

Dark frame:

Type:

ASA:

Bias frame:

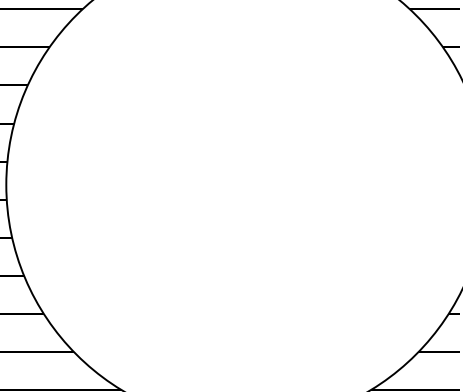
Barlow:

Guider:

Software:

Net Mag:

OBSERVATIONS

Indicate NORTH with arrow

NOTES

SUMMER

Rating: VG

Binoculars: 7x35: Easy; 20x80: Easy

MESSIER OBJECT OBSERVATION LOG

M26

Inspired by *Le Catalogue des Nébuleuses par Charles Messier*

Observer:

Date:

Time:

OBJECT

Name: **M26, NGC6694**

R.A.: **18h45m18s**

Dec: **-09°22'60"**

Const: **Sct**

Type: **OCL**

Magnitude: **9.5**

Size: **15**

OBSERVING SITE

Location:

Latitude:

Longitude:

Elevation:

SKY

Darkness/SQM:

Wind Speed:

Temperature:

Seeing:

Wind Dir:

Humidity:

TELESCOPE

OTA:

FL:

f/*l*

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

SUMMER

Rating: VG

Cl, cL, pRi, pC, st 12...15

Binoculars: 7x35: Challenge; 20x80: Easy

MESSIER OBJECT OBSERVATION LOG

M27

Inspired by *Le Catalogue des Nébuleuses par Charles Messier*

Observer:

Date:

Time:

OBJECT

Name: **M27, NGC6853, Dumbbell Nebula**

R.A.: **19h59m36s**

Dec: **22°43'15"**

Const: **Vul**

Type: **PNE**

Magnitude: **7.5**

Size: **15.2**

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

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

Indicate NORTH with arrow

NOTES

SUMMER

Rating: VG

!!!, vB, vL, biN, iE (Dumbbell)

Binoculars: 7x35: Easy; 20x80: Easy

MESSIER OBJECT OBSERVATION LOG

M28

Inspired by *Le Catalogue des Nébuleuses par Charles Messier*

Observer: _____ Date: _____ Time: _____

OBJECT

Name: **M28, NGC6626**
 R.A.: **18h24m33s** Dec: **-24°52'07"** Const: **Sgr**
 Type: **GCL** Magnitude: **8.5** Size: **11.2**

OBSERVING SITE

Location: _____
 Latitude: _____ Longitude: _____ Elevation: _____

SKY

Darkness/SQM: _____ Wind Speed: _____ Temperature: _____
 Seeing: _____ Wind Dir: _____ Humidity: _____

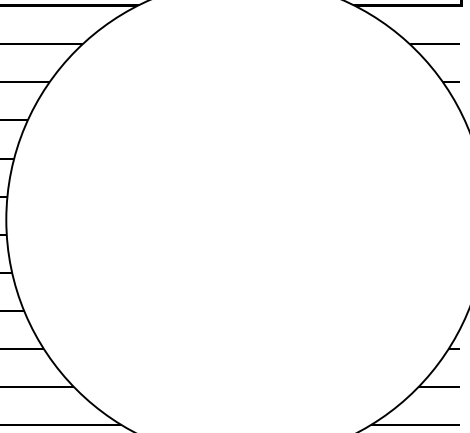
TELESCOPE

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

SUMMER
 Rating:EX
 !, glob. cl. , vB, L, R, geCM, rrr, st 14...16
 Binoculars: 7x35: Tougher; 20x80: Easy

MESSIER OBJECT OBSERVATION LOG

M29

Inspired by *Le Catalogue des Nébuleuses par Charles Messier*

Observer:

Date:

Time:

OBJECT

Name: **M29, NGC6913, Cooling Tower**

R.A.: **20h23m57s**

Dec: **38°30'30"**

Const: **Cyg**

Type: **OCL**

Magnitude: **9**

Size: **7**

OBSERVING SITE

Location:

Latitude:

Longitude:

Elevation:

SKY

Darkness/SQM:

Wind Speed:

Temperature:

Seeing:

Wind Dir:

Humidity:

TELESCOPE

OTA:

FL:

f/*l*

Type:

Mount:

Slew Control:

Navigation Aid:

IMAGER

Eyepiece:

FOV:

Type:

Barlow:

Net Mag:

Camera:

Type:

ASA:

Guider:

Exp time:

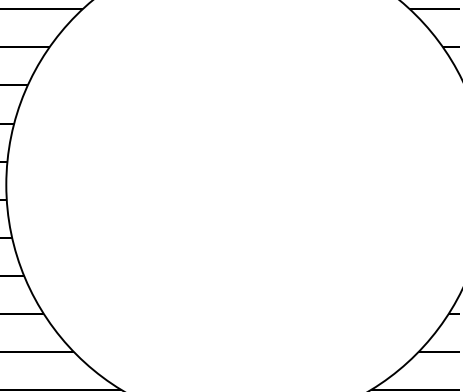
Exp count:

Dark frame:

Bias frame:

Software:

OBSERVATIONS

Indicate NORTH with arrow

NOTES

SUMMER

Rating:EX

Cl, P, IC, st L and S

Binoculars: 7x35: Easy; 20x80: Easy

MESSIER OBJECT OBSERVATION LOG

M30

Inspired by *Le Catalogue des Nébuleuses par Charles Messier*

Observer:

Date:

Time:

OBJECT

Name: **M30, NGC7099**

R.A.: **21h40m22s**

Dec: **-23°10'45"**

Const: **Cap**

Type: **GCL**

Magnitude: **8.5**

Size: **11**

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

AUTUMN

Rating:VG

!, glob. cl. , B, L, 1E, gpmbM, st 12...16

Binoculars: 7x35: Tougher; 20x80: Easy

MESSIER OBJECT OBSERVATION LOG

M31

Inspired by *Le Catalogue des Nébuleuses par Charles Messier*

Observer:

Date:

Time:

OBJECT

Name: **M31, NGC224, Andromeda Galaxy**

R.A.: **00h42m44s**

Dec: **41°16'08"**

Const: **And**

Type: **GXY**

Magnitude: **4.3**

Size: **189.1x61.7**

OBSERVING SITE

Location:

Latitude:

Longitude:

Elevation:

SKY

Darkness/SQM:

Wind Speed:

Temperature:

Seeing:

Wind Dir:

Humidity:

TELESCOPE

OTA:

FL:

f/l

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 for field of view or star positions.

Indicate NORTH with arrow

NOTES

AUTUMN

Rating:EX

!!! eeB, eL, vmE (Andromeda)

Binoculars: 7x35: Easy; 20x80: Easy

MESSIER OBJECT OBSERVATION LOG

M32

Inspired by *Le Catalogue des Nébuleuses par Charles Messier*

Observer: _____ Date: _____ Time: _____

OBJECT

Name: **M32, NGC221, Satellite Of M31**
 R.A.: **00h42m42s** Dec: **40°51'54"** Const: **And**
 Type: **GXY** Magnitude: **9.1** Size: **8.5x6.5**

OBSERVING SITE

Location: _____
 Latitude: _____ Longitude: _____ Elevation: _____

SKY

Darkness/SQM: _____ Wind Speed: _____ Temperature: _____
 Seeing: _____ Wind Dir: _____ Humidity: _____

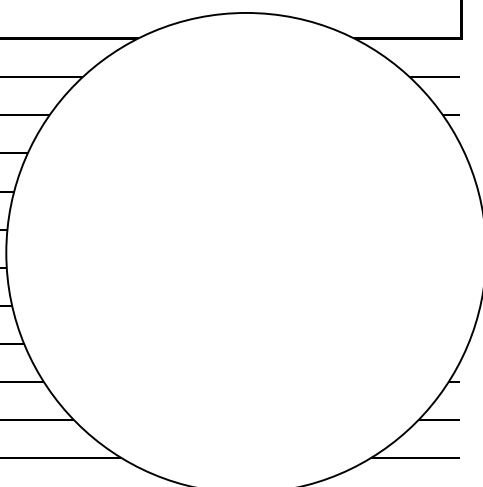
TELESCOPE

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

AUTUMN
 Rating: VG
 ! vvB, L, R, psmbMN
 Binoculars: 7x35: Challenge; 20x80: Easy

MESSIER OBJECT OBSERVATION LOG

M33

Inspired by *Le Catalogue des Nébuleuses par Charles Messier*

Observer:

Date:

Time:

OBJECT

Name: **M33, NGC598, Pinwheel Galaxy, Triangulum Galaxy**

R.A.: **01h33m51s**

Dec: **30°39'37"**

Const: **Tri**

Type: **GXY**

Magnitude: **6.2**

Size: **68.7x41.6**

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:

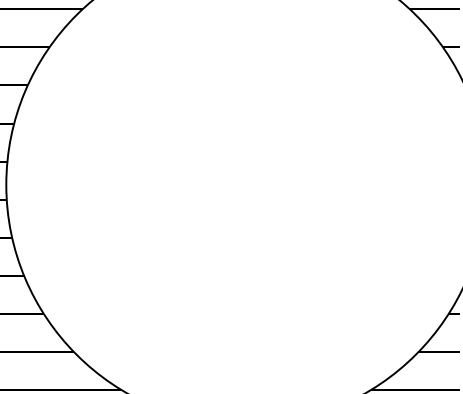
Exp count:

Dark frame:

Bias frame:

Software:

OBSERVATIONS

Indicate NORTH with arrow

NOTES

AUTUMN

Rating:VG

! eB, eL, R, vgbMN

Binoculars: 7x35: Tougher; 20x80: Tougher

MESSIER OBJECT OBSERVATION LOG

M34

Inspired by *Le Catalogue des Nébuleuses par Charles Messier*

Observer:

Date:

Time:

OBJECT

Name: **M34, NGC1039, Spiral Cluster**

R.A.: **02h42m05s**

Dec: **42°45'42"**

Const: **Per**

Type: **OCL**

Magnitude: **6**

Size: **35**

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:

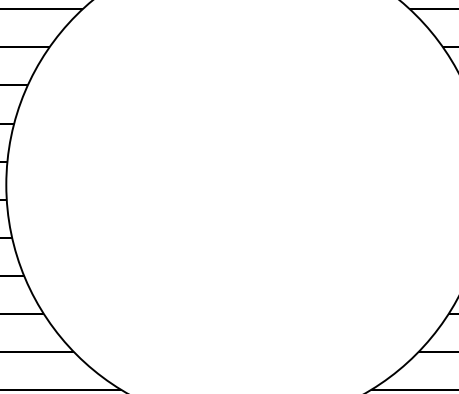
Exp count:

Dark frame:

Bias frame:

Software:

OBSERVATIONS

Indicate NORTH with arrow

NOTES

AUTUMN

Rating: VG

Cl, B, vL, IC, sc st 9

Binoculars: 7x35: Easy; 20x80: Easy

MESSIER OBJECT OBSERVATION LOG

M35

Inspired by *Le Catalogue des Nébuleuses par Charles Messier*

Observer:

Date:

Time:

OBJECT

Name: **M35, NGC2168**

R.A.: **06h09m00s**

Dec: **24°21'00"**

Const: **Gem**

Type: **OCL**

Magnitude: **5.5**

Size: **28**

OBSERVING SITE

Location:

Latitude:

Longitude:

Elevation:

SKY

Darkness/SQM:

Wind Speed:

Temperature:

Seeing:

Wind Dir:

Humidity:

TELESCOPE

OTA:

FL:

f/l

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

WINTER

Rating: VG

Cl, vL, cRi, pC, st 9...16

Binoculars: 7x35: Easy; 20x80: Easy

**MESSIER OBJECT
OBSERVATION LOG**

M36

Inspired by *Le Catalogue des Nébuleuses par Charles Messier*

Observer: _____ Date: _____ Time: _____

OBJECT

Name: **M36, NGC1960, Pinwheel Cluster**
 R.A.: **05h36m18s** Dec: **34°08'24"** Const: **Aur**
 Type: **OCL** Magnitude: **6.5** Size: **12**

OBSERVING SITE

Location: _____
 Latitude: _____ Longitude: _____ Elevation: _____

SKY

Darkness/SQM: _____ Wind Speed: _____ Temperature: _____
 Seeing: _____ Wind Dir: _____ Humidity: _____

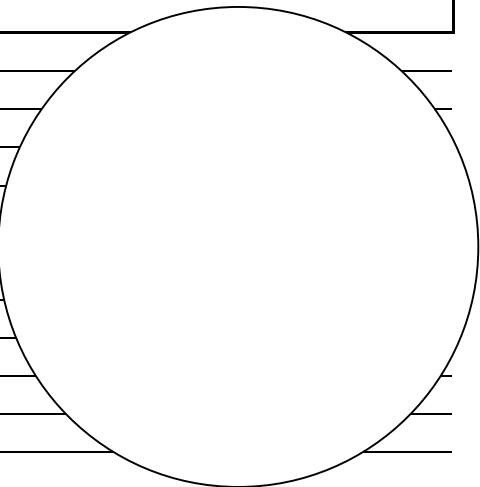
TELESCOPE

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

WINTER
 Rating:VG
 Cl, B, vL, vRi, IC, st 9...11 sc
 Binoculars: 7x35: Easy; 20x80: Easy

MESSIER OBJECT OBSERVATION LOG

M37

Inspired by *Le Catalogue des Nébuleuses par Charles Messier*

Observer:

Date:

Time:

OBJECT

Name: **M37, NGC2099, Salt-And-Pepper Cluster**

R.A.: **05h52m18s**

Dec: **32°33'12"**

Const: **Aur**

Type: **OCL**

Magnitude: **6**

Size: **24**

OBSERVING SITE

Location:

Latitude:

Longitude:

Elevation:

SKY

Darkness/SQM:

Wind Speed:

Temperature:

Seeing:

Wind Dir:

Humidity:

TELESCOPE

OTA:

FL:

f/*l*

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

WINTER

Rating: VG

Cl, Ri, pCM, st L & S

Binoculars: 7x35: Easy; 20x80: Easy

MESSIER OBJECT OBSERVATION LOG

M38

Inspired by *Le Catalogue des Nébuleuses par Charles Messier*

Observer: _____ Date: _____ Time: _____

OBJECT

Name: **M38, NGC1912, Starfish Cluster**
R.A.: **05h28m40s** Dec: **35°50'54"** Const: **Aur**
Type: **OCL** Magnitude: **7** Size: **21**

OBSERVING SITE

Location: _____
Latitude: _____ Longitude: _____ Elevation: _____

SKY

Darkness/SQM: _____ Wind Speed: _____ Temperature: _____
Seeing: _____ Wind Dir: _____ Humidity: _____

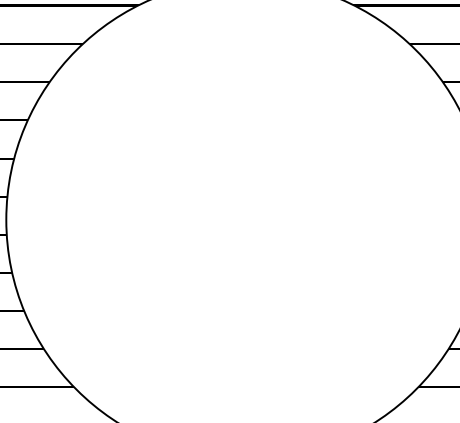
TELESCOPE

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

WINTER
Rating: VG
Cl, B, vL, vRi, iF, st L & S
Binoculars: 7x35: Easy; 20x80: Easy

MESSIER OBJECT OBSERVATION LOG

M39

Inspired by *Le Catalogue des Nébuleuses par Charles Messier*

Observer:

Date:

Time:

OBJECT

Name: **M39, NGC7092**

R.A.: **21h31m42s**

Dec: **48°25'00"**

Const: **Cyg**

Type: **OCL**

Magnitude: **5.5**

Size: **32**

OBSERVING SITE

Location:

Latitude:

Longitude:

Elevation:

SKY

Darkness/SQM:

Wind Speed:

Temperature:

Seeing:

Wind Dir:

Humidity:

TELESCOPE

OTA:

FL:

f/*l*

Type:

Mount:

Slew Control:

Navigation Aid:

IMAGER

Eyepiece:

FOV:

Type:

Barlow:

Net Mag:

Camera:

Type:

ASA:

Guider:

Exp time:

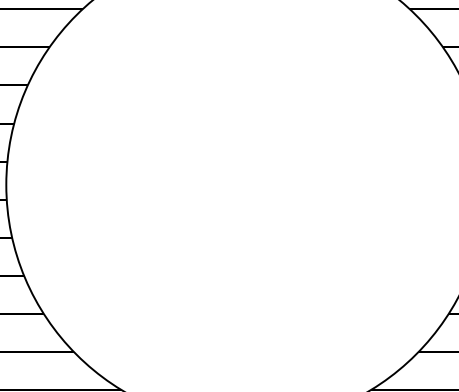
Exp count:

Dark frame:

Bias frame:

Software:

OBSERVATIONS

Indicate NORTH with arrow

NOTES

SUMMER

Rating:SU

Cl, vL, vP, vIC, st 7...10

Binoculars: 7x35: Easy; 20x80: Easy

MESSIER OBJECT OBSERVATION LOG

M40

Inspired by *Le Catalogue des Nébuleuses par Charles Messier*

Observer: _____ Date: _____ Time: _____

OBJECT

Name: **M40, Winnecke 4**
 R.A.: **12h22m12s** Dec: **58°04'60"** Const: **UMa**
 Type: **DST, AST** Magnitude: **8.7** Size: **1**

OBSERVING SITE

Location: _____
 Latitude: _____ Longitude: _____ Elevation: _____

SKY

Darkness/SQM: _____ Wind Speed: _____ Temperature: _____
 Seeing: _____ Wind Dir: _____ Humidity: _____

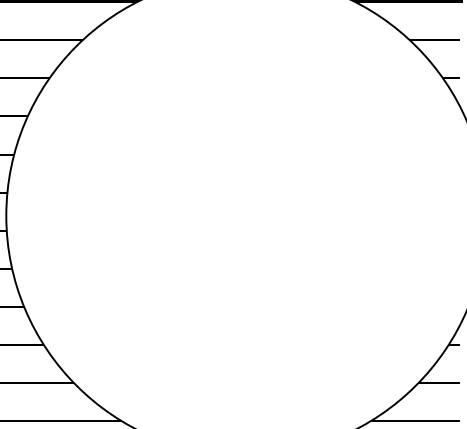
TELESCOPE

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

SPRING
 Rating: VG

Binoculars: 7x35: Tougher; 20x80: Easy

MESSIER OBJECT OBSERVATION LOG

M42

Inspired by *Le Catalogue des Nébuleuses par Charles Messier*

Observer:

Date:

Time:

OBJECT

Name: **M42, NGC1976, Great Orion Nebula**

R.A.: **05h35m16s**

Dec: **-05°23'25"**

Const: **Ori**

Type: **OCL + DNE**

Magnitude: **4**

Size: **66**

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:

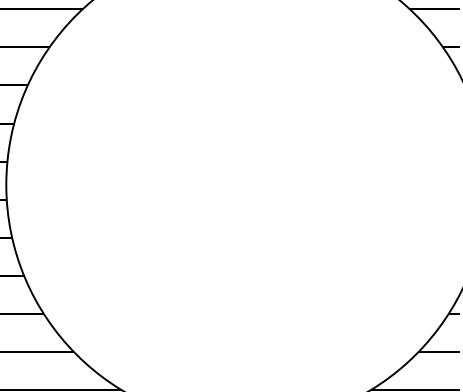
Exp count:

Dark frame:

Bias frame:

Software:

OBSERVATIONS

Indicate NORTH with arrow

NOTES

WINTER

Rating:SU

!!! theta1 Ori and the great neb

Binoculars: 7x35: Easy; 20x80: Easy

MESSIER OBJECT OBSERVATION LOG

M43

Inspired by *Le Catalogue des Nébuleuses par Charles Messier*

Observer:

Date:

Time:

OBJECT

Name: **M43, NGC1982, De Mairan's Nebula**

R.A.: **05h35m31s**

Dec: **-05°16'03"**

Const: **Ori**

Type: **DNE**

Magnitude: **9**

Size: **20**

OBSERVING SITE

Location:

Latitude:

Longitude:

Elevation:

SKY

Darkness/SQM:

Wind Speed:

Temperature:

Seeing:

Wind Dir:

Humidity:

TELESCOPE

OTA:

FL:

f/*l*

Type:

Mount:

Slew Control:

Navigation Aid:

IMAGER

Eyepiece:

FOV:

Type:

Barlow:

Net Mag:

Camera:

Type:

ASA:

Guider:

Exp time:

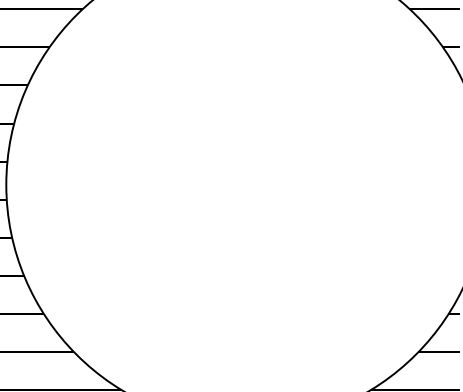
Exp count:

Dark frame:

Bias frame:

Software:

OBSERVATIONS

Indicate NORTH with arrow

NOTES

WINTER

Rating: VG

! vB, vL, R with tail, mbM *8-9

NOT VISIBLE WITH BINOCULARS

MESSIER OBJECT OBSERVATION LOG

M44

Inspired by *Le Catalogue des Nébuleuses par Charles Messier*

Observer:

Date:

Time:

OBJECT

Name: **M44, NGC2632, Beehive Cluster, Praesepe Cluster**

R.A.: **08h40m24s**

Dec: **19°39'60"**

Const: **Cnc**

Type: **OCL**

Magnitude: **4**

Size: **95**

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:

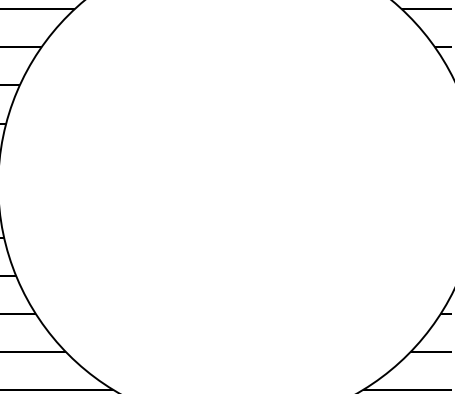
Exp count:

Dark frame:

Bias frame:

Software:

OBSERVATIONS

Indicate NORTH with arrow

NOTES

SPRING

Rating:SU

Praesepe

Binoculars: 7x35: Easy; 20x80: Easy

MESSIER OBJECT OBSERVATION LOG

M45

Inspired by *Le Catalogue des Nébuleuses par Charles Messier*

Observer:

Date:

Time:

OBJECT

Name: **M45, Pleiades, Seven Sisters**

R.A.: **03h47m30s**

Dec: **24°07'00"**

Const: **Tau**

Type: **OCL**

Magnitude: **1.6**

Size: **120**

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:

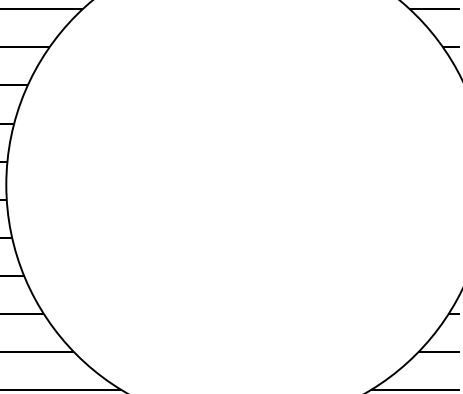
Exp count:

Dark frame:

Bias frame:

Software:

OBSERVATIONS

Indicate NORTH with arrow

NOTES

WINTER

Rating: VG

Binoculars: 7x35: Easy; 20x80: Easy

MESSIER OBJECT OBSERVATION LOG

M46

Inspired by *Le Catalogue des Nébuleuses par Charles Messier*

Observer: _____ Date: _____ Time: _____

OBJECT

Name: **M46, NGC2437**
 R.A.: **07h41m46s** Dec: **-14°48'36"** Const: **Pup**
 Type: **OCL** Magnitude: **6.5** Size: **27**

OBSERVING SITE

Location: _____
 Latitude: _____ Longitude: _____ Elevation: _____

SKY

Darkness/SQM: _____ Wind Speed: _____ Temperature: _____
 Seeing: _____ Wind Dir: _____ Humidity: _____

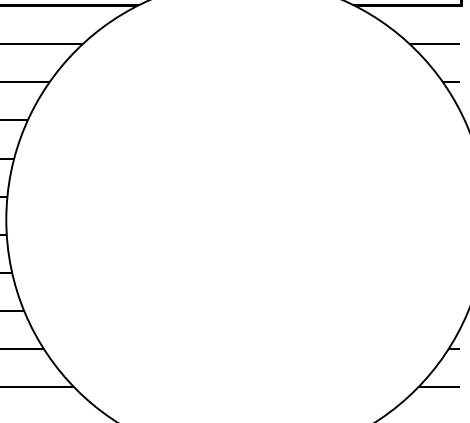
TELESCOPE

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

WINTER
 Rating: EX
 !, Cl, vB, vRi, vL, inv PN
 Binoculars: 7x35: Easy; 20x80: Easy

MESSIER OBJECT OBSERVATION LOG

M47

Inspired by *Le Catalogue des Nébuleuses par Charles Messier*

Observer: _____ Date: _____ Time: _____

OBJECT

Name: **M47, NGC2422**
 R.A.: **07h36m35s** Dec: **-14°29'00"** Const: **Pup**
 Type: **OCL** Magnitude: **4.5** Size: **30**

OBSERVING SITE

Location: _____
 Latitude: _____ Longitude: _____ Elevation: _____

SKY

Darkness/SQM: _____ Wind Speed: _____ Temperature: _____
 Seeing: _____ Wind Dir: _____ Humidity: _____

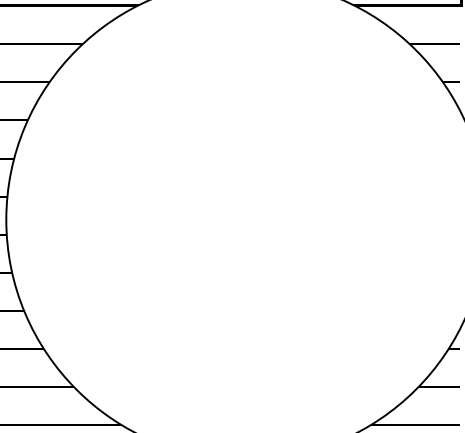
TELESCOPE

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

WINTER
 Rating:SU
 Cl, B, vL, pRi, st L and S
 Binoculars: 7x35: Easy; 20x80: Easy

MESSIER OBJECT OBSERVATION LOG

M48

Inspired by *Le Catalogue des Nébuleuses par Charles Messier*

Observer: _____ Date: _____ Time: _____

OBJECT

Name: **M48, NGC2548**
 R.A.: **08h13m43s** Dec: **-05°45'00"** Const: **Hya**
 Type: **OCL** Magnitude: **5.5** Size: **54**

OBSERVING SITE

Location: _____
 Latitude: _____ Longitude: _____ Elevation: _____

SKY

Darkness/SQM: _____ Wind Speed: _____ Temperature: _____
 Seeing: _____ Wind Dir: _____ Humidity: _____

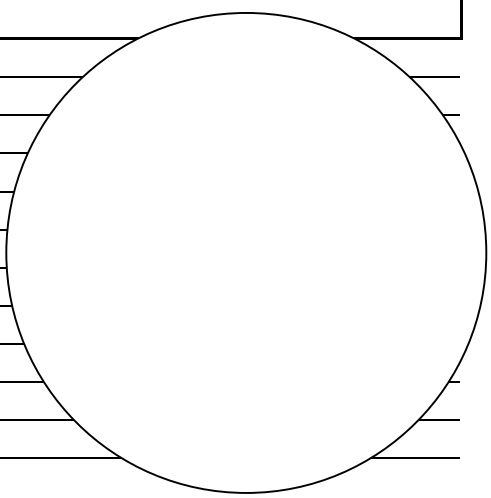
TELESCOPE

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

WINTER
 Rating:EX
 Cl, vL, pRi, pmC, st 9...13
 Binoculars: 7x35: Easy; 20x80: Easy

MESSIER OBJECT OBSERVATION LOG

M49

Inspired by *Le Catalogue des Nébuleuses par Charles Messier*

Observer:

Date:

Time:

OBJECT

Name: **M49, NGC4472, UGC7629**

R.A.: **12h29m47s**

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/*l*

Type:

Mount:

Slew Control:

Navigation Aid:

IMAGER

Eyepiece:

FOV:

Type:

Barlow:

Net Mag:

Camera:

Type:

ASA:

Guider:

Exp time:

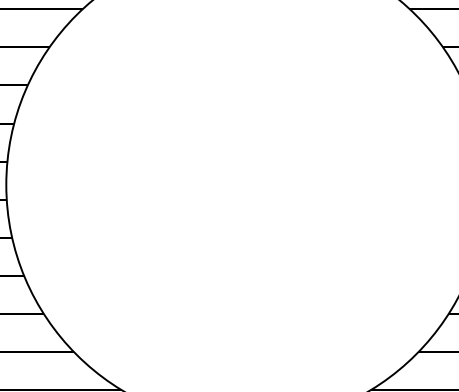
Exp count:

Dark frame:

Bias frame:

Software:

OBSERVATIONS

Indicate NORTH with arrow

NOTES

SPRING

Rating: VG

vB, L, R, mbM, r

Binoculars: 7x35: Tougher; 20x80: Tougher

MESSIER OBJECT OBSERVATION LOG

M50

Inspired by *Le Catalogue des Nébuleuses par Charles Messier*

Observer: _____

Date: _____

Time: _____

OBJECT

Name: **M50, NGC2323, Heart-shaped Cluster**

R.A.: **07h02m42s**

Dec: **-08°22'60"**

Const: **Mon**

Type: **OCL**

Magnitude: **7**

Size: **16**

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: _____

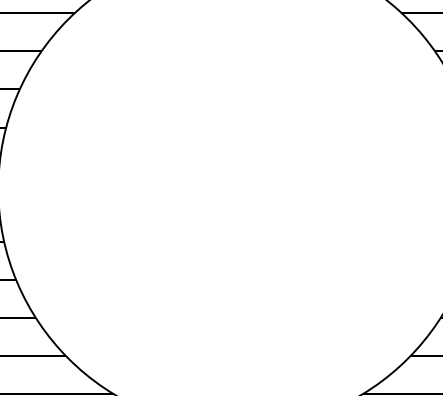
Exp count: _____

Dark frame: _____

Bias frame: _____

Software: _____

OBSERVATIONS

Indicate NORTH with arrow

NOTES

WINTER

Rating:GD

! Cl, vL, Ri, pC, E, st 12...16

Binoculars: 7x35: Easy; 20x80: Easy

MESSIER OBJECT OBSERVATION LOG

M51

Inspired by *Le Catalogue des Nébuleuses par Charles Messier*

Observer: _____ Date: _____ Time: _____

OBJECT

Name: **M51, NGC5194, Whirlpool Galaxy**
R.A.: **13h29m52s** 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: _____

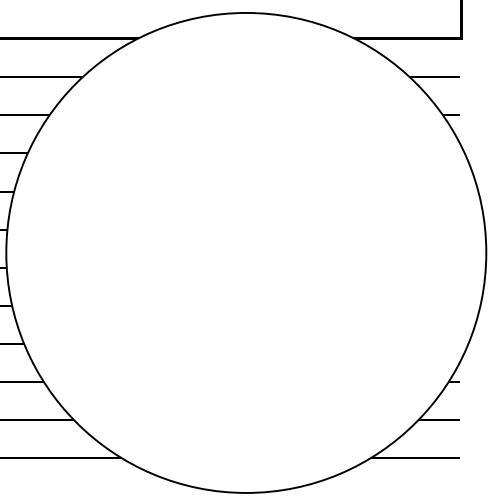
TELESCOPE

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

SPRING
Rating:VG
!!!, great spiral neb
Binoculars: 7x35: Challenge; 20x80: Tougher

MESSIER OBJECT OBSERVATION LOG

M52

Inspired by *Le Catalogue des Nébuleuses par Charles Messier*

Observer: _____ Date: _____ Time: _____

OBJECT

Name: **M52, NGC7654, The Scorpion**
 R.A.: **23h24m48s** Dec: **61°35'36"** Const: **Cas**
 Type: **OCL** Magnitude: **8** Size: **13**

OBSERVING SITE

Location: _____
 Latitude: _____ Longitude: _____ Elevation: _____

SKY

Darkness/SQM: _____ Wind Speed: _____ Temperature: _____
 Seeing: _____ Wind Dir: _____ Humidity: _____

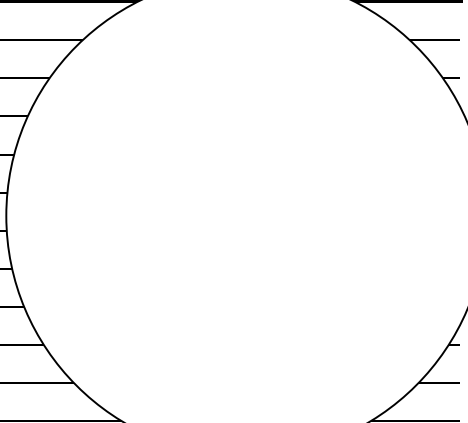
TELESCOPE

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

AUTUMN
 Rating: EX
 vF
 Binoculars: 7x35: Easy; 20x80: Easy

MESSIER OBJECT OBSERVATION LOG

M53

Inspired by *Le Catalogue des Nébuloses par Charles Messier*

Observer: _____ Date: _____ Time: _____

OBJECT

Name: **M53, NGC5024**
R.A.: **13h12m55s** 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: _____

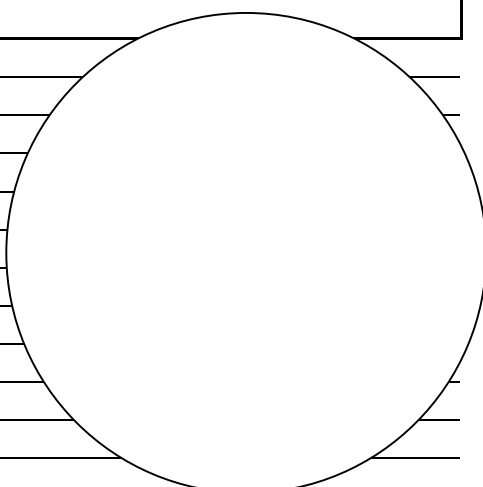
TELESCOPE

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

SPRING
Rating: VG
!, glob. cl. , B, vC, iR, vvmBM, st 12
Binoculars: 7x35: Tougher; 20x80: Easy

MESSIER OBJECT OBSERVATION LOG

M54

Inspired by *Le Catalogue des Nébuleuses par Charles Messier*

Observer:

Date:

Time:

OBJECT

Name: **M54, NGC6715**

R.A.: **18h55m03s**

Dec: **-30°28'47"**

Const: **Sgr**

Type: **GCL**

Magnitude: **8.5**

Size: **9.1**

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

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

Indicate NORTH with arrow

NOTES

SUMMER

Rating:VG

glob. cl. , vB, L, R, g, smbM, rrr, st 15

Binoculars: 7x35: Challenge; 20x80: Tougher

MESSIER OBJECT OBSERVATION LOG

M55

Inspired by *Le Catalogue des Nébuleuses par Charles Messier*

Observer: _____ Date: _____ Time: _____

OBJECT

Name: **M55, NGC6809**
 R.A.: **19h39m60s** Dec: **-30°57'44"** Const: **Sgr**
 Type: **GCL** Magnitude: **7** Size: **19**

OBSERVING SITE

Location: _____
 Latitude: _____ Longitude: _____ Elevation: _____

SKY

Darkness/SQM: _____ Wind Speed: _____ Temperature: _____
 Seeing: _____ Wind Dir: _____ Humidity: _____

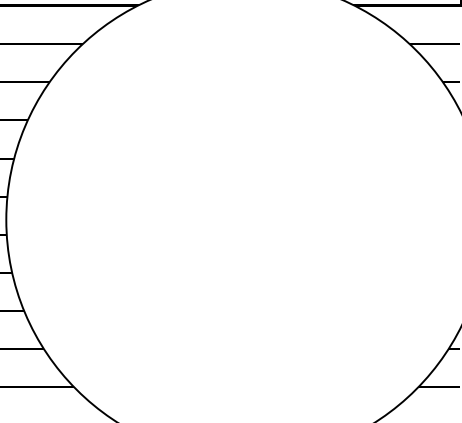
TELESCOPE

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

SUMMER
 Rating:EX
 glob. cl. , pB, L, R, vRi, vgbM, st 12...15
 Binoculars: 7x35: Easy; 20x80: Easy

MESSIER OBJECT OBSERVATION LOG

M56

Inspired by *Le Catalogue des Nébuleuses par Charles Messier*

Observer: _____ Date: _____ Time: _____

OBJECT

Name: **M56, NGC6779**
 R.A.: **19h16m36s** Dec: **30°11'02"** Const: **Lyr**
 Type: **GCL** Magnitude: **9.5** Size: **7.1**

OBSERVING SITE

Location: _____
 Latitude: _____ Longitude: _____ Elevation: _____

SKY

Darkness/SQM: _____ Wind Speed: _____ Temperature: _____
 Seeing: _____ Wind Dir: _____ Humidity: _____

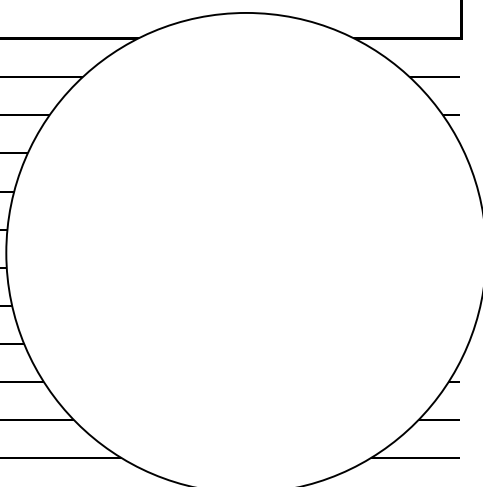
TELESCOPE

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

SUMMER
 Rating:VG
 glob. cl. , B, L, iR, gvmCM, rrr, st 11...14
 Binoculars: 7x35: Challenge; 20x80: Tougher

MESSIER OBJECT OBSERVATION LOG

M57

Inspired by *Le Catalogue des Nébuleuses par Charles Messier*

Observer:

Date:

Time:

OBJECT

Name: **M57, NGC6720, Ring Nebula**

R.A.: **18h53m35s**

Dec: **33°01'44"**

Const: **Lyr**

Type: **PNE**

Magnitude: **9.5**

Size: **2.5**

OBSERVING SITE

Location:

Latitude:

Longitude:

Elevation:

SKY

Darkness/SQM:

Wind Speed:

Temperature:

Seeing:

Wind Dir:

Humidity:

TELESCOPE

OTA:

FL:

f/*l*

Type:

Mount:

Slew Control:

Navigation Aid:

IMAGER

Eyepiece:

FOV:

Type:

Barlow:

Net Mag:

Camera:

Type:

ASA:

Guider:

Exp time:

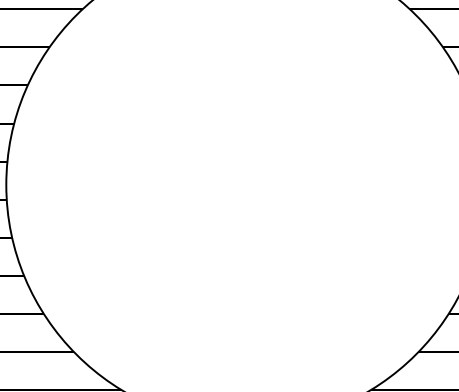
Exp count:

Dark frame:

Bias frame:

Software:

OBSERVATIONS

Indicate NORTH with arrow

NOTES

SUMMER

Rating:VG

!!!, ring , B, pL, cE (in Lyra)

NOT VISIBLE WITH BINOCULARS

MESSIER OBJECT OBSERVATION LOG

M58

Inspired by *Le Catalogue des Nébuleuses par Charles Messier*

Observer: _____

Date: _____

Time: _____

OBJECT

Name: **M58, NGC4579, UGC7796**

R.A.: **12h37m44s**

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/l

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

SPRING

Rating:GD

B, L, iR, vmbM, r

Binoculars: 7x35: NA; 20x80: Challenge

MESSIER OBJECT OBSERVATION LOG

M59

Inspired by *Le Catalogue des Nébuleuses par Charles Messier*

Observer:

Date:

Time:

OBJECT

Name: **M59, NGC4621, UGC7858**

R.A.: **12h42m02s**

Dec: **11°38'48"**

Const: **Vir**

Type: **GXY**

Magnitude: **10.7**

Size: **5.3x4**

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

SPRING

Rating:GD

B, pL, 1E, vsvmbM, 2 st p

Binoculars: 7x35: NA; 20x80: Challenge

MESSIER OBJECT
OBSERVATION LOG

M60

Inspired by *Le Catalogue des Nébuleuses par Charles Messier*

Observer: _____ Date: _____ Time: _____

OBJECT

Name: **M60, NGC4649, UGC7898**
 R.A.: **12h43m40s** Dec: **11°33'08"** Const: **Vir**
 Type: **GXY** Magnitude: **9.8** Size: **7.6x6.2**

OBSERVING SITE

Location: _____
 Latitude: _____ Longitude: _____ Elevation: _____

SKY

Darkness/SQM: _____ Wind Speed: _____ Temperature: _____
 Seeing: _____ Wind Dir: _____ Humidity: _____

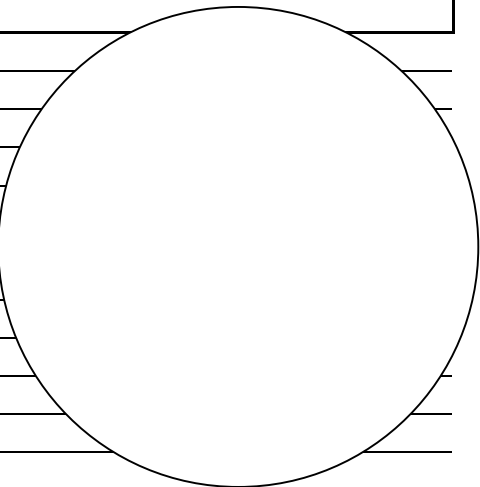
TELESCOPE

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

SPRING
 Rating:GD
 vB, pL, R, f of Dneb
 Binoculars: 7x35: NA; 20x80: Challenge

MESSIER OBJECT OBSERVATION LOG

M61

Inspired by *Le Catalogue des Nébuluses par Charles Messier*

Observer:

Date:

Time:

OBJECT

Name: **M61, NGC4303, Swelling Spiral**

R.A.: **12h21m55s**

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/l

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

SPRING

Rating:GD

vB, vL, vsbM*, biN

Binoculars: 7x35: NA; 20x80: Challenge

MESSIER OBJECT OBSERVATION LOG

M62

Inspired by *Le Catalogue des Nébuleuses par Charles Messier*

Observer:

Date:

Time:

OBJECT

Name: **M62, NGC6266, Flickering Globular**

R.A.: **17h01m13s**

Dec: **-30°06'45"**

Const: **Oph**

Type: **GCL**

Magnitude: **8**

Size: **14.1**

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

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

Indicate NORTH with arrow

NOTES

SUMMER

Rating:EX

! glob. cl. , vB, L, gmbM, rrr, st 14...16

Binoculars: 7x35: Tougher; 20x80: Easy

MESSIER OBJECT
OBSERVATION LOG

M63

Inspired by *Le Catalogue des Nébuleuses par Charles Messier*

Observer: _____ Date: _____ Time: _____

OBJECT

Name: **M63, NGC5055, Sunflower Galaxy**
R.A.: **13h15m49s** Dec: **42°01'46"** Const: **CVn**
Type: **GXY** Magnitude: **9.3** Size: **12.6x7.5**

OBSERVING SITE

Location:
Latitude: _____ Longitude: _____ Elevation: _____

SKY

Darkness/SQM: _____ Wind Speed: _____ Temperature: _____
Seeing: _____ Wind Dir: _____ Humidity: _____

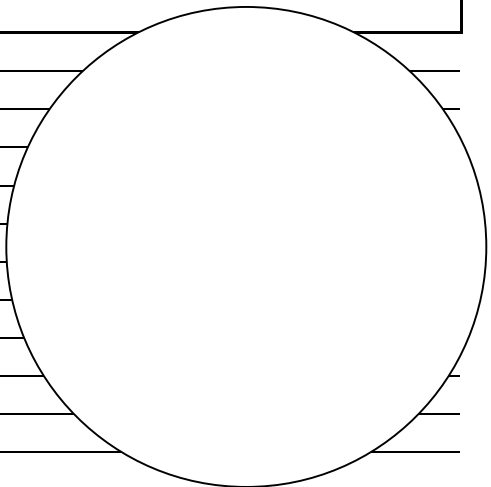
TELESCOPE

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

SPRING
Rating: VG
vB, L, pmE 120deg +/- , vsmbMBN
Binoculars: 7x35: Tougher; 20x80: Tougher

MESSIER OBJECT OBSERVATION LOG

M64

Inspired by *Le Catalogue des Nébuleuses par Charles Messier*

Observer:

Date:

Time:

OBJECT

Name: **M64, NGC4826, Black Eye Galaxy**

R.A.: **12h56m44s**

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

SPRING

Rating: VG

! vB, vL, vmE 120deg +/- , bMSBN

Binoculars: 7x35: Tougher; 20x80: Tougher

MESSIER OBJECT OBSERVATION LOG

M65

Inspired by *Le Catalogue des Nébuleuses par Charles Messier*

Observer:

Date:

Time:

OBJECT

Name: **M65, NGC3623, Leo Triplet**

R.A.: **11h18m56s**

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:

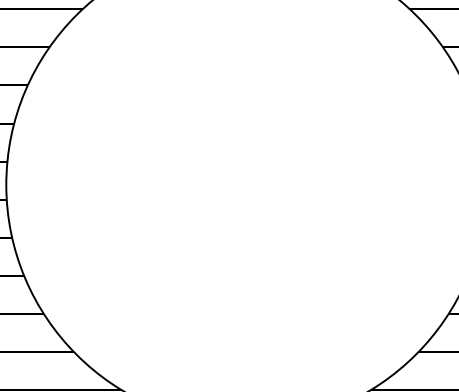
Exp count:

Dark frame:

Bias frame:

Software:

OBSERVATIONS

Indicate NORTH with arrow

NOTES

SPRING

Rating:GD

B, vL, mE 165deg +/- , gbMBN

Binoculars: 7x35: Challenge; 20x80: Tougher

MESSIER OBJECT OBSERVATION LOG

M67

Inspired by *Le Catalogue des Nébuleuses par Charles Messier*

Observer:

Date:

Time:

OBJECT

Name: **M67, NGC2682, King Cobra**

R.A.: **08h51m18s**

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:

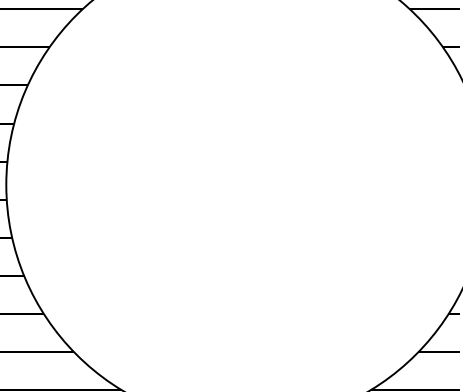
Exp count:

Dark frame:

Bias frame:

Software:

OBSERVATIONS

Indicate NORTH with arrow

NOTES

SPRING

Rating:EX

! Cl, vB, vL, eRi, IC, st 10...15

Binoculars: 7x35: Easy; 20x80: Easy

MESSIER OBJECT OBSERVATION LOG

M68

Inspired by *Le Catalogue des Nébuleuses par Charles Messier*

Observer: _____ Date: _____ Time: _____

OBJECT

Name: **M68, NGC4590**
 R.A.: **12h39m28s** 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: _____

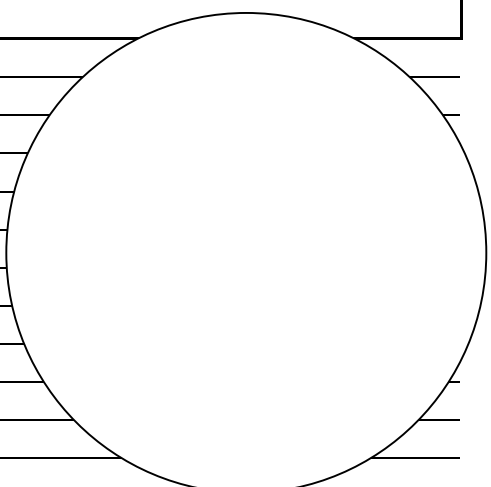
TELESCOPE

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

SPRING
 Rating: VG
 glob. cl. , L, eRi, vC, iR, rrr, st 12
 Binoculars: 7x35: Challenge; 20x80: Tougher

MESSIER OBJECT OBSERVATION LOG

M69

Inspired by *Le Catalogue des Nébuleuses par Charles Messier*

Observer: _____ Date: _____ Time: _____

OBJECT

Name: **M69, NGC6637**
 R.A.: **18h31m23s** Dec: **-32°20'51"** Const: **Sgr**
 Type: **GCL** Magnitude: **9** Size: **7.1**

OBSERVING SITE

Location: _____
 Latitude: _____ Longitude: _____ Elevation: _____

SKY

Darkness/SQM: _____ Wind Speed: _____ Temperature: _____
 Seeing: _____ Wind Dir: _____ Humidity: _____

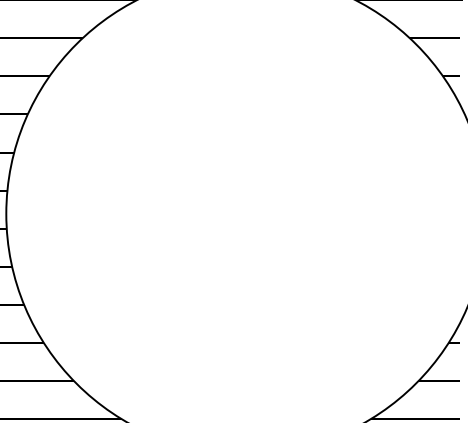
TELESCOPE

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

SUMMER
 Rating: VG
 glob. cl. , B, L, R, rrr, st 14...16
 Binoculars: 7x35: NA; 20x80: Challenge

MESSIER OBJECT OBSERVATION LOG

M70

Inspired by *Le Catalogue des Nébuleuses par Charles Messier*

Observer:

Date:

Time:

OBJECT

Name: **M70, NGC6681**

R.A.: **18h43m12s**

Dec: **-32°17'27"**

Const: **Sgr**

Type: **GCL**

Magnitude: **9**

Size: **7.8**

OBSERVING SITE

Location:

Latitude:

Longitude:

Elevation:

SKY

Darkness/SQM:

Wind Speed:

Temperature:

Seeing:

Wind Dir:

Humidity:

TELESCOPE

OTA:

FL:

f/*l*

Type:

Mount:

Slew Control:

Navigation Aid:

IMAGER

Eyepiece:

FOV:

Type:

Barlow:

Net Mag:

Camera:

Type:

ASA:

Guider:

Exp time:

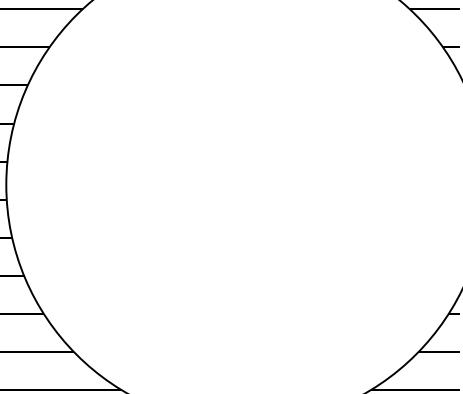
Exp count:

Dark frame:

Bias frame:

Software:

OBSERVATIONS

Indicate NORTH with arrow

NOTES

SUMMER

Rating: VG

glob. cl. , B, pL, R, gbM, st 14...17

Binoculars: 7x35: NA; 20x80: Challenge

MESSIER OBJECT OBSERVATION LOG

M71

Inspired by *Le Catalogue des Nébuleuses par Charles Messier*

Observer:

Date:

Time:

OBJECT

Name: **M71, NGC6838**

R.A.: **19h53m46s**

Dec: **18°46'42"**

Const: **Sge**

Type: **GCL**

Magnitude: **8.5**

Size: **7.2**

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:

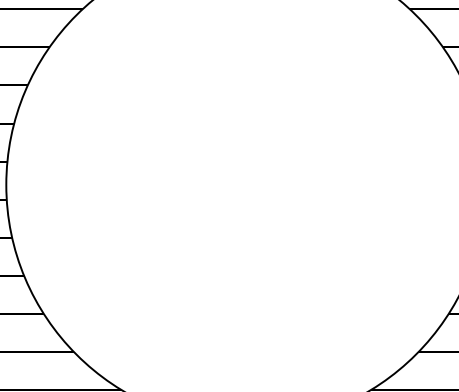
Exp count:

Dark frame:

Bias frame:

Software:

OBSERVATIONS

Indicate NORTH with arrow

NOTES

SUMMER

Rating: VG

Cl, vL, vRi, pmC, st 11...16

Binoculars: 7x35: Challenge; 20x80: Easy

MESSIER OBJECT OBSERVATION LOG

M72

Inspired by *Le Catalogue des Nébuleuses par Charles Messier*

Observer:

Date:

Time:

OBJECT

Name: **M72, NGC6981**

R.A.: **20h53m28s**

Dec: **-12°32'14"**

Const: **Aqr**

Type: **GCL**

Magnitude: **10**

Size: **5.9**

OBSERVING SITE

Location:

Latitude:

Longitude:

Elevation:

SKY

Darkness/SQM:

Wind Speed:

Temperature:

Seeing:

Wind Dir:

Humidity:

TELESCOPE

OTA:

FL:

f/l

Type:

Mount:

Slew Control:

Navigation Aid:

IMAGER

Eyepiece:

FOV:

Type:

Barlow:

Net Mag:

Camera:

Type:

ASA:

Guider:

Exp time:

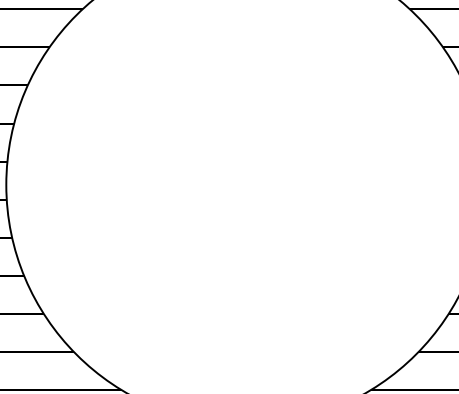
Exp count:

Dark frame:

Bias frame:

Software:

OBSERVATIONS

Indicate NORTH with arrow

NOTES

AUTUMN

Rating:GD

glob. cl. , pB, pL, R, gmCM, rrr

Binoculars: 7x35: NA; 20x80: Challenge

MESSIER OBJECT OBSERVATION LOG

M73

Inspired by *Le Catalogue des Nébuleuses par Charles Messier*

Observer:

Date:

Time:

OBJECT

Name: **M73, NGC6994**

R.A.: **20h58m56s**

Dec: **-12°38'07"**

Const: **Aqr**

Type: **OCL, AST**

Magnitude: **9**

Size: **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:

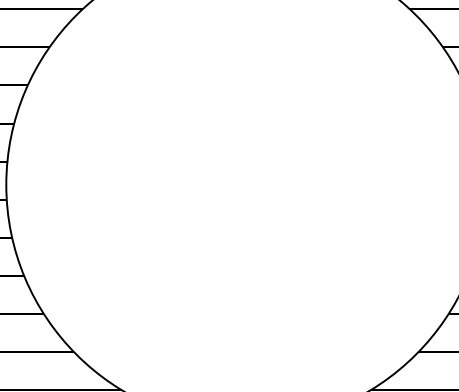
Exp count:

Dark frame:

Bias frame:

Software:

OBSERVATIONS

Indicate NORTH with arrow

NOTES

AUTUMN

Rating: VG

Cl, eP, vIC, no neb

NOT VISIBLE WITH BINOCULARS

MESSIER OBJECT OBSERVATION LOG

M74

Inspired by *Le Catalogue des Nébuleuses par Charles Messier*

Observer:

Date:

Time:

OBJECT

Name: **M74, NGC628, The Phantom**

R.A.: **01h36m42s**

Dec: **15°47'01"**

Const: **Psc**

Type: **GXY**

Magnitude: **9.8**

Size: **10x9.4**

OBSERVING SITE

Location:

Latitude:

Longitude:

Elevation:

SKY

Darkness/SQM:

Wind Speed:

Temperature:

Seeing:

Wind Dir:

Humidity:

TELESCOPE

OTA:

FL:

f/*l*

Type:

Mount:

Slew Control:

Navigation Aid:

IMAGER

Eyepiece:

FOV:

Type:

Barlow:

Net Mag:

Camera:

Type:

ASA:

Guider:

Exp time:

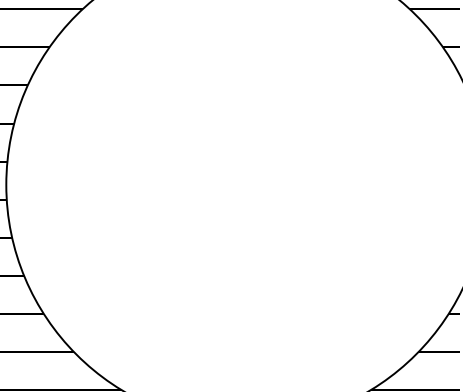
Exp count:

Dark frame:

Bias frame:

Software:

OBSERVATIONS

Indicate NORTH with arrow

NOTES

AUTUMN

Rating:GD

glob. cl. , F, vL, R, vg, psmbM, rr

NOT VISIBLE WITH BINOCULARS

MESSIER OBJECT OBSERVATION LOG

M75

Inspired by *Le Catalogue des Nébuleuses par Charles Messier*

Observer:

Date:

Time:

OBJECT

Name: **M75, NGC6864**

R.A.: **20h06m05s**

Dec: **-21°55'19"**

Const: **Sgr**

Type: **GCL**

Magnitude: **9.5**

Size: **6**

OBSERVING SITE

Location:

Latitude:

Longitude:

Elevation:

SKY

Darkness/SQM:

Wind Speed:

Temperature:

Seeing:

Wind Dir:

Humidity:

TELESCOPE

OTA:

FL:

f/*l*

Type:

Mount:

Slew Control:

Navigation Aid:

IMAGER

Eyepiece:

FOV:

Type:

Barlow:

Net Mag:

Camera:

Type:

ASA:

Guider:

Exp time:

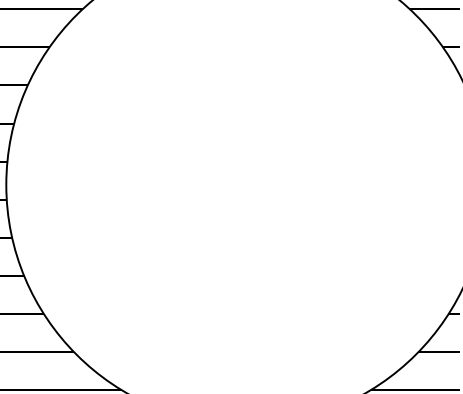
Exp count:

Dark frame:

Bias frame:

Software:

OBSERVATIONS

Indicate NORTH with arrow

NOTES

SUMMER

Rating:VG

glob. cl. , B, pL, R, vmbMBN, rr

Binoculars: 7x35: Challenge; 20x80: Tougher

MESSIER OBJECT OBSERVATION LOG

M76

Inspired by *Le Catalogue des Nébuleuses par Charles Messier*

Observer:

Date:

Time:

OBJECT

Name: **M76, NGC650, NGC651, Little Dumbbell Nebula**

R.A.: **01h42m18s**

Dec: **51°34'15"**

Const: **Per**

Type: **PNE**

Magnitude: **12**

Size: **4.8**

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:

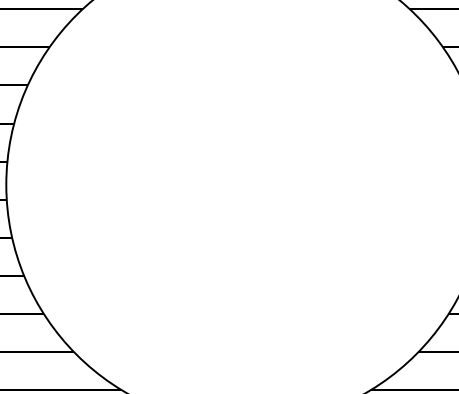
Exp count:

Dark frame:

Bias frame:

Software:

OBSERVATIONS

Indicate NORTH with arrow

NOTES

AUTUMN

Rating:VG

vB, p of Dneb

NOT VISIBLE WITH BINOCULARS

MESSIER OBJECT OBSERVATION LOG

M77

Inspired by *Le Catalogue des Nébuleuses par Charles Messier*

Observer:

Date:

Time:

OBJECT

Name: **M77, NGC1068, Cetus A**

R.A.: **02h42m41s**

Dec: **00°00'48"**

Const: **Cet**

Type: **GXY**

Magnitude: **9.7**

Size: **7.3x6.3**

OBSERVING SITE

Location:

Latitude:

Longitude:

Elevation:

SKY

Darkness/SQM:

Wind Speed:

Temperature:

Seeing:

Wind Dir:

Humidity:

TELESCOPE

OTA:

FL:

f/*l*

Type:

Mount:

Slew Control:

Navigation Aid:

IMAGER

Eyepiece:

FOV:

Type:

Barlow:

Net Mag:

Camera:

Type:

ASA:

Guider:

Exp time:

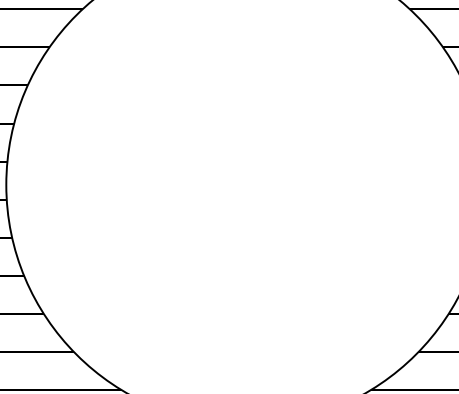
Exp count:

Dark frame:

Bias frame:

Software:

OBSERVATIONS

Indicate NORTH with arrow

NOTES

AUTUMN

Rating:GD

vB, pL, iR, sbMrrN

Binoculars: 7x35: NA; 20x80: Tougher

MESSIER OBJECT OBSERVATION LOG

M79

Inspired by *Le Catalogue des Nébuleuses par Charles Messier*

Observer: _____ Date: _____ Time: _____

OBJECT

Name: **M79, NGC1904**
 R.A.: **05h24m11s** Dec: **-24°31'29"** Const: **Lep**
 Type: **GCL** Magnitude: **8.5** Size: **8.7**

OBSERVING SITE

Location: _____
 Latitude: _____ Longitude: _____ Elevation: _____

SKY

Darkness/SQM: _____ Wind Speed: _____ Temperature: _____
 Seeing: _____ Wind Dir: _____ Humidity: _____

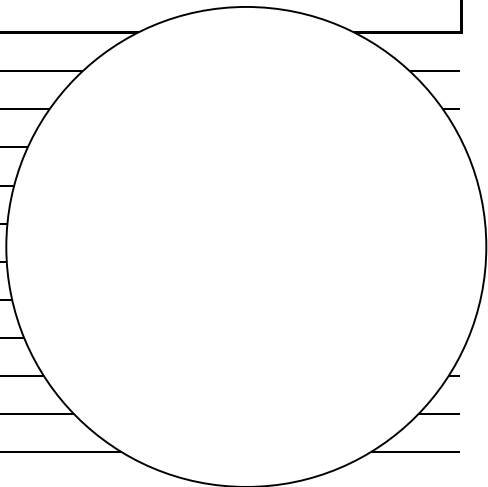
TELESCOPE

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

WINTER
 Rating:GD
 glob. cl. , pL, eRi, eC, rrr
 Binoculars: 7x35: Tougher; 20x80: Easy

MESSIER OBJECT OBSERVATION LOG

M80

Inspired by *Le Catalogue des Nébuleuses par Charles Messier*

Observer: _____ Date: _____ Time: _____

OBJECT

Name: **M80, NGC6093**
 R.A.: **16h17m03s** Dec: **-22°58'32"** Const: **Sco**
 Type: **GCL** Magnitude: **8.5** Size: **8.9**

OBSERVING SITE

Location: _____
 Latitude: _____ Longitude: _____ Elevation: _____

SKY

Darkness/SQM: _____ Wind Speed: _____ Temperature: _____
 Seeing: _____ Wind Dir: _____ Humidity: _____

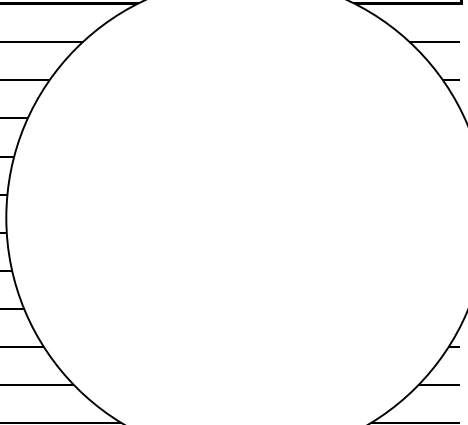
TELESCOPE

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

SUMMER
 Rating: VG
 !! glob. cl. , vB, L, vmbM (var*), rrr, st 14
 Binoculars: 7x35: Tougher; 20x80: Easy

MESSIER OBJECT OBSERVATION LOG

M81

Inspired by *Le Catalogue des Nébuleuses par Charles Messier*

Observer: _____ Date: _____ Time: _____

OBJECT

Name: **M81, NGC3031, Bode's Galaxy**
 R.A.: **09h55m33s** 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: _____

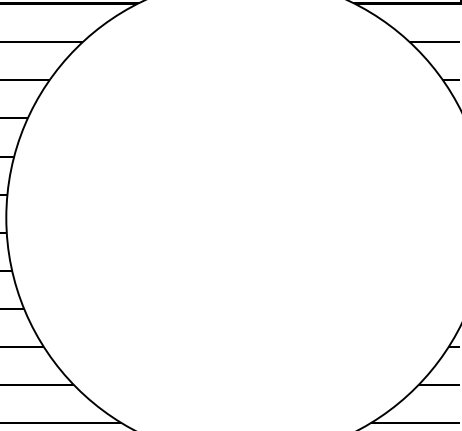
TELESCOPE

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

SPRING
 Rating: VG
 ! eB, eL, E 156deg , gsvmbMBN
 Binoculars: 7x35: Tougher; 20x80: Easy

MESSIER OBJECT OBSERVATION LOG

M82

Inspired by *Le Catalogue des Nébuleuses par Charles Messier*

Observer:

Date:

Time:

OBJECT

Name: **M82, NGC3034, Cigar Galaxy**

R.A.: **09h55m53s**

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:

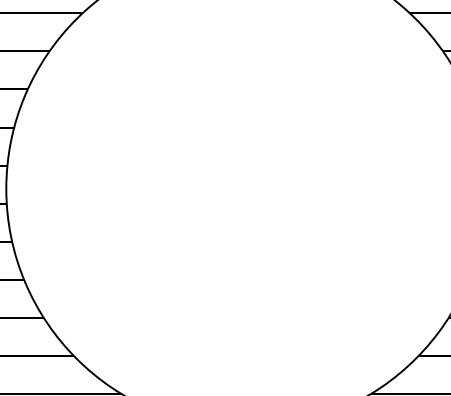
Exp count:

Dark frame:

Bias frame:

Software:

OBSERVATIONS

Indicate NORTH with arrow

NOTES

SPRING

Rating: VG

vB, vL, vmE (ray)

Binoculars: 7x35: Tougher; 20x80: Easy

MESSIER OBJECT OBSERVATION LOG

M83

Inspired by *Le Catalogue des Nébuleuses par Charles Messier*

Observer: _____ Date: _____ Time: _____

OBJECT

Name: **M83, NGC5236, Southern Pinwheel**
 R.A.: **13h37m00s** Dec: **-29°51'51"** Const: **Hya**
 Type: **GXY** Magnitude: **8** Size: **13.1x12.2**

OBSERVING SITE

Location: _____
 Latitude: _____ Longitude: _____ Elevation: _____

SKY

Darkness/SQM: _____ Wind Speed: _____ Temperature: _____
 Seeing: _____ Wind Dir: _____ Humidity: _____

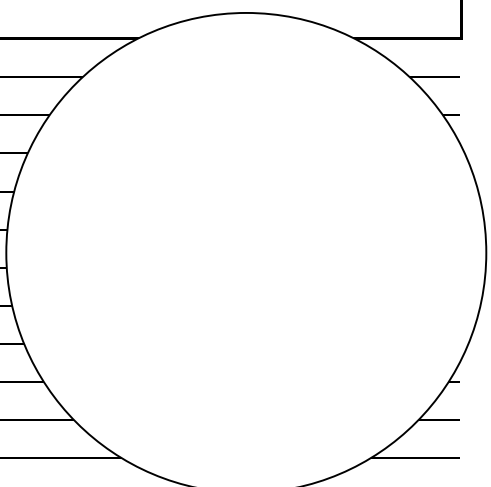
TELESCOPE

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

SPRING
 Rating: VG
 !! vB, vL, E 55deg, esbMN, 3-br spir
 Binoculars: 7x35: Tougher; 20x80: Tougher

MESSIER OBJECT OBSERVATION LOG

M84

Inspired by *Le Catalogue des Nébuleuses par Charles Messier*

Observer:

Date:

Time:

OBJECT

Name: **M84, NGC4374, UGC7494**

R.A.: **12h25m04s**

Dec: **12°53'12"**

Const: **Vir**

Type: **GXY**

Magnitude: **10.2**

Size: **6.7x6**

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:

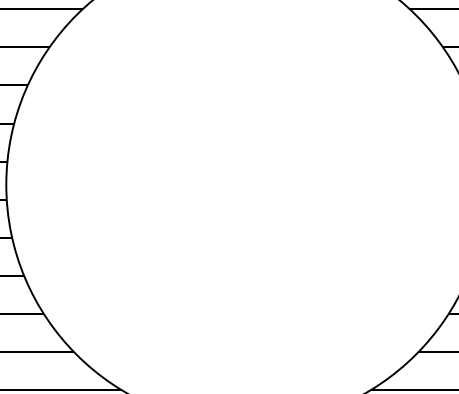
Exp count:

Dark frame:

Bias frame:

Software:

OBSERVATIONS

Indicate NORTH with arrow

NOTES

SPRING

Rating:GD

vB, pL, R, psbM, r

Binoculars: 7x35: NA; 20x80: Challenge

MESSIER OBJECT OBSERVATION LOG

M85

Inspired by *Le Catalogue des Nébuleuses par Charles Messier*

Observer:

Date:

Time:

OBJECT

Name: **M85, NGC4382, UGC7508**

R.A.: **12h25m24s**

Dec: **18°11'27"**

Const: **Com**

Type: **GXY**

Magnitude: **10**

Size: **7.4x5.9**

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:

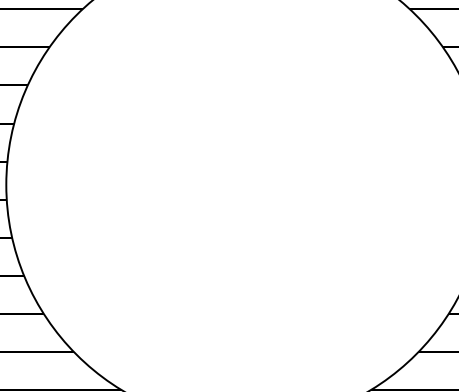
Exp count:

Dark frame:

Bias frame:

Software:

OBSERVATIONS

Indicate NORTH with arrow

NOTES

SPRING

Rating:GD

vB, pL, R, bM, * np

Binoculars: 7x35: NA; 20x80: Challenge

MESSIER OBJECT OBSERVATION LOG

M86

Inspired by *Le Catalogue des Nébuluses par Charles Messier*

Observer:

Date:

Time:

OBJECT

Name: **M86, NGC4406, UGC7532**

R.A.: **12h26m12s**

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/*l*

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

SPRING

Rating:GD

vB, L, R, gbMN, r

Binoculars: 7x35: NA; 20x80: Challenge

MESSIER OBJECT OBSERVATION LOG

M88

Inspired by *Le Catalogue des Nébuleuses par Charles Messier*

Observer:

Date:

Time:

OBJECT

Name: **M88, NGC4501, UGC7675**

R.A.: **12h31m59s**

Dec: **14°25'12"**

Const: **Com**

Type: **GXY**

Magnitude: **10.2**

Size: **6.8x3.7**

OBSERVING SITE

Location:

Latitude:

Longitude:

Elevation:

SKY

Darkness/SQM:

Wind Speed:

Temperature:

Seeing:

Wind Dir:

Humidity:

TELESCOPE

OTA:

FL:

f/*l*

Type:

Mount:

Slew Control:

Navigation Aid:

IMAGER

Eyepiece:

FOV:

Type:

Barlow:

Net Mag:

Camera:

Type:

ASA:

Guider:

Exp time:

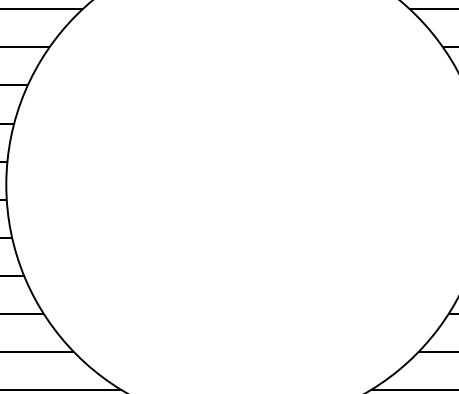
Exp count:

Dark frame:

Bias frame:

Software:

OBSERVATIONS

Indicate NORTH with arrow

NOTES

SPRING

Rating:GD

B, vL, vmE

Binoculars: 7x35: NA; 20x80: Challenge

MESSIER OBJECT OBSERVATION LOG

M89

Inspired by *Le Catalogue des Nébuleuses par Charles Messier*

Observer:

Date:

Time:

OBJECT

Name: **M89, NGC4552, UGC7760**

R.A.: **12h35m40s**

Dec: **12°33'23"**

Const: **Vir**

Type: **GXY**

Magnitude: **10.9**

Size: **5.3x4.8**

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:

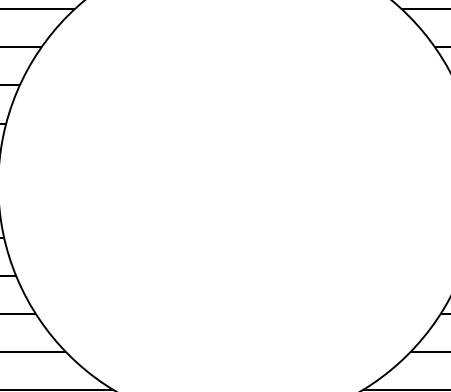
Exp count:

Dark frame:

Bias frame:

Software:

OBSERVATIONS

Indicate NORTH with arrow

NOTES

SPRING

Rating:GD

pB, pS, R, gmbM

Binoculars: 7x35: NA; 20x80: Challenge

MESSIER OBJECT OBSERVATION LOG

M91

Inspired by *Le Catalogue des Nébuleuses par Charles Messier*

Observer:

Date:

Time:

OBJECT

Name: **M91, NGC4548, (Missing)**

R.A.: **12h35m27s**

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:

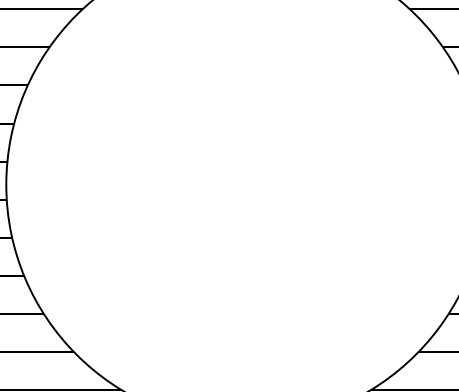
Exp count:

Dark frame:

Bias frame:

Software:

OBSERVATIONS

Indicate NORTH with arrow

NOTES

SPRING

Rating:GD

B, L, IE, lbM

NOT VISIBLE WITH BINOCULARS

MESSIER OBJECT OBSERVATION LOG

M92

Inspired by *Le Catalogue des Nébuleuses par Charles Messier*

Observer: _____ Date: _____ Time: _____

OBJECT

Name: **M92, NGC6341**
 R.A.: **17h17m07s** Dec: **43°08'11"** Const: **Her**
 Type: **GCL** Magnitude: **7.5** Size: **11.2**

OBSERVING SITE

Location: _____
 Latitude: _____ Longitude: _____ Elevation: _____

SKY

Darkness/SQM: _____ Wind Speed: _____ Temperature: _____
 Seeing: _____ Wind Dir: _____ Humidity: _____

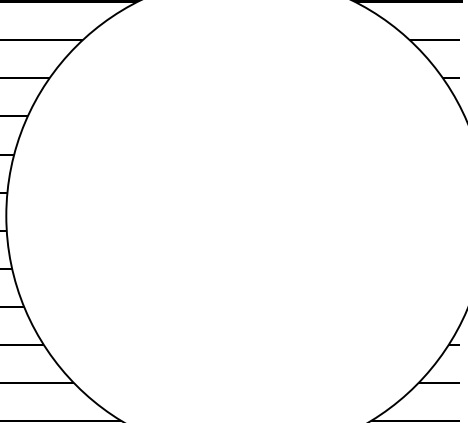
TELESCOPE

OTA: _____ FL: _____ *f/l* 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

SUMMER
 Rating:EX
 glob. cl. , vB, vL, eCM, rrr, st S
 Binoculars: 7x35: Easy; 20x80: Easy

MESSIER OBJECT OBSERVATION LOG

M93

Inspired by *Le Catalogue des Nébuleuses par Charles Messier*

Observer:

Date:

Time:

OBJECT

Name: **M93, NGC2447**

R.A.: **07h44m30s**

Dec: **-23°51'24"**

Const: **Pup**

Type: **OCL**

Magnitude: **6.5**

Size: **22**

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:

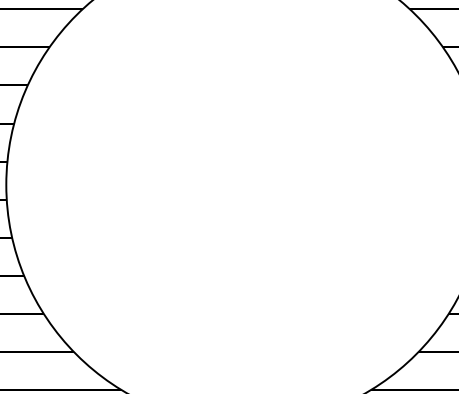
Exp count:

Dark frame:

Bias frame:

Software:

OBSERVATIONS

Indicate NORTH with arrow

NOTES

WINTER

Rating:EX

Cl, L, pRi, IC, st 8...13

Binoculars: 7x35: Easy; 20x80: Easy

MESSIER OBJECT OBSERVATION LOG

M94

Inspired by *Le Catalogue des Nébuleuses par Charles Messier*

Observer:

Date:

Time:

OBJECT

Name: **M94, NGC4736, Croc's Eye Galaxy**

R.A.: **12h50m53s**

Dec: **41°07'12"**

Const: **CVn**

Type: **GXY**

Magnitude: **8.9**

Size: **12.3x10.8**

OBSERVING SITE

Location:

Latitude:

Longitude:

Elevation:

SKY

Darkness/SQM:

Wind Speed:

Temperature:

Seeing:

Wind Dir:

Humidity:

TELESCOPE

OTA:

FL:

f/*l*

Type:

Mount:

Slew Control:

Navigation Aid:

IMAGER

Eyepiece:

FOV:

Type:

Barlow:

Net Mag:

Camera:

Type:

ASA:

Guider:

Exp time:

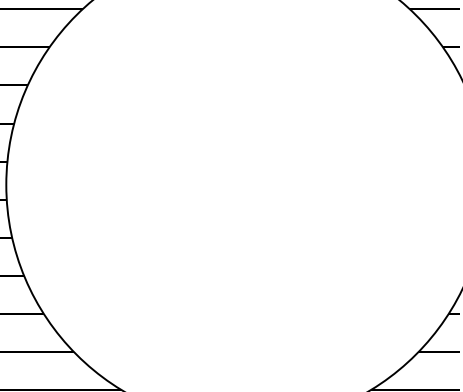
Exp count:

Dark frame:

Bias frame:

Software:

OBSERVATIONS

Indicate NORTH with arrow

NOTES

SPRING

Rating: VG

vB, L, iR, vsvmbMBN, r

Binoculars: 7x35: Easy; 20x80: Easy

MESSIER OBJECT OBSERVATION LOG

M95

Inspired by *Le Catalogue des Nébuleuses par Charles Messier*

Observer: _____ Date: _____ Time: _____

OBJECT

Name: **M95, NGC3351, UGC5850**
 R.A.: **10h43m58s** 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: _____

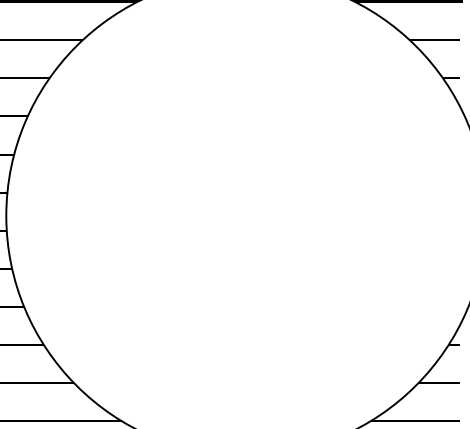
TELESCOPE

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

Indicate NORTH with arrow

NOTES

SPRING
 Rating:GD
 B, L, R, pgmbMN
 Binoculars: 7x35: NA; 20x80: Challenge

MESSIER OBJECT OBSERVATION LOG

M96

Inspired by *Le Catalogue des Nébuleuses par Charles Messier*

Observer:

Date:

Time:

OBJECT

Name: **M96, NGC3368, UGC5882**

R.A.: **10h46m46s**

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:

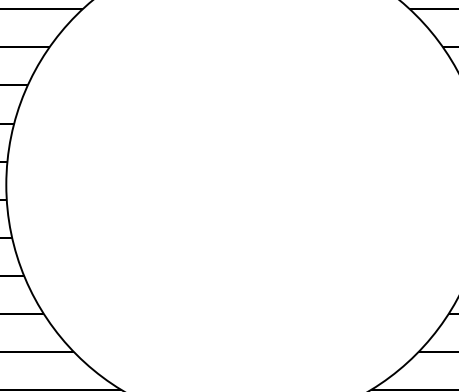
Exp count:

Dark frame:

Bias frame:

Software:

OBSERVATIONS

Indicate NORTH with arrow

NOTES

SPRING

Rating:GD

vB, vL, IE, vsymbM, r

Binoculars: 7x35: NA; 20x80: Challenge

MESSIER OBJECT OBSERVATION LOG

M97

Inspired by *Le Catalogue des Nébuleuses par Charles Messier*

Observer:

Date:

Time:

OBJECT

Name: **M97, NGC3587, Owl Nebula**

R.A.: **11h14m48s**

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/*l*

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.

Indicate NORTH with arrow

NOTES

SPRING

Rating:FR

!!, PN , vB, vL, R, vvg, vsbM, 150 d

Binoculars: 7x35: Challenge; 20x80: Tougher

MESSIER OBJECT OBSERVATION LOG

M98

Inspired by *Le Catalogue des Nébuleuses par Charles Messier*

Observer:

Date:

Time:

OBJECT

Name: **M98, NGC4192, UGC7231**

R.A.: **12h13m48s**

Dec: **14°54'01"**

Const: **Com**

Type: **GXY**

Magnitude: **10.9**

Size: **9.4x2.3**

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:

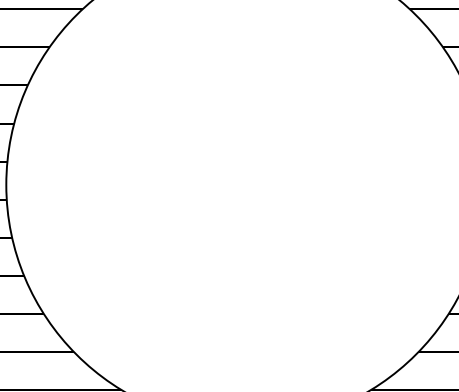
Exp count:

Dark frame:

Bias frame:

Software:

OBSERVATIONS

Indicate NORTH with arrow

NOTES

SPRING

Rating:GD

B, vL, vmE 152deg , vsymbM

NOT VISIBLE WITH BINOCULARS

MESSIER OBJECT OBSERVATION LOG

M99

Inspired by *Le Catalogue des Nébuleuses par Charles Messier*

Observer:

Date:

Time:

OBJECT

Name: **M99, NGC4254, Pinwheel Galaxy**

R.A.: **12h18m50s**

Dec: **14°25'01"**

Const: **Com**

Type: **GXY**

Magnitude: **10.4**

Size: **5.3x4.6**

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:

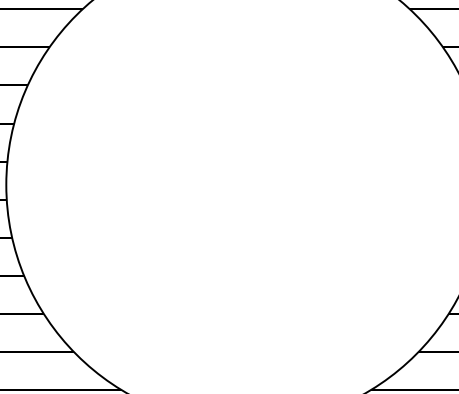
Exp count:

Dark frame:

Bias frame:

Software:

OBSERVATIONS

Indicate NORTH with arrow

NOTES

SPRING

Rating:GD

!! B, L, R, gbM, r, 3-branched spiral

Binoculars: 7x35: NA; 20x80: Challenge

MESSIER OBJECT OBSERVATION LOG

M101

Inspired by *Le Catalogue des Nébuleuses par Charles Messier*

Observer:

Date:

Time:

OBJECT

Name: **M101, NGC5457, Pinwheel Galaxy**

R.A.: **14h03m13s**

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:

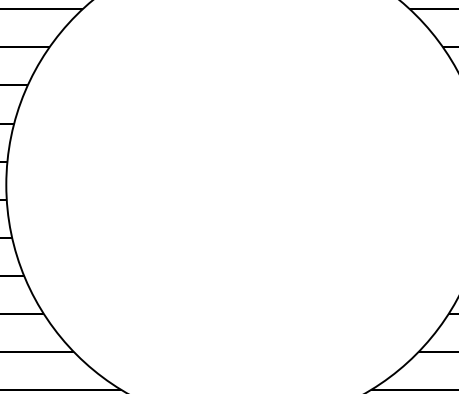
Exp count:

Dark frame:

Bias frame:

Software:

OBSERVATIONS

Indicate NORTH with arrow

NOTES

SPRING

Rating: VG

pB, vL, iR, g, vsmbMBSN

Binoculars: 7x35: Challenge; 20x80: Tougher

MESSIER OBJECT OBSERVATION LOG

M102

Inspired by *Le Catalogue des Nébuleuses par Charles Messier*

Observer:

Date:

Time:

OBJECT

Name: **M102, NGC5866, Spindle Galaxy**

R.A.: **15h06m30s**

Dec: **55°45'47"**

Const: **Dra**

Type: **GXY**

Magnitude: **10.8**

Size: **6.5x3.1**

OBSERVING SITE

Location:

Latitude:

Longitude:

Elevation:

SKY

Darkness/SQM:

Wind Speed:

Temperature:

Seeing:

Wind Dir:

Humidity:

TELESCOPE

OTA:

FL:

f/l

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

Horizontal lines for text entry, with a large circular diagram on the right side.

Indicate NORTH with arrow

NOTES

SPRING

Rating:FR

pB, vL, iR, g, vsmbMBSN

Binoculars: 7x35: NA; 20x80: Tougher

MESSIER OBJECT OBSERVATION LOG

M104

Inspired by *Le Catalogue des Nébuleuses par Charles Messier*

Observer:

Date:

Time:

OBJECT

Name: **M104, NGC4594, Sombrero Galaxy**

R.A.: **12h39m59s**

Dec: **-11°37'23"**

Const: **Vir**

Type: **GXY**

Magnitude: **9.2**

Size: **8.6x4.2**

OBSERVING SITE

Location:

Latitude:

Longitude:

Elevation:

SKY

Darkness/SQM:

Wind Speed:

Temperature:

Seeing:

Wind Dir:

Humidity:

TELESCOPE

OTA:

FL:

f/*l*

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

SPRING

Rating:VG

!, vB, vL, eE 92deg , vsmbMN

Binoculars: 7x35: Challenge; 20x80: Tougher

MESSIER OBJECT OBSERVATION LOG

M105

Inspired by *Le Catalogue des Nébuleuses par Charles Messier*

Observer:

Date:

Time:

OBJECT

Name: **M105, NGC3379, UGC5902**

R.A.: **10h47m50s**

Dec: **12°34'55"**

Const: **Leo**

Type: **GXY**

Magnitude: **10.5**

Size: **5.3x4.8**

OBSERVING SITE

Location:

Latitude:

Longitude:

Elevation:

SKY

Darkness/SQM:

Wind Speed:

Temperature:

Seeing:

Wind Dir:

Humidity:

TELESCOPE

OTA:

FL:

f/*l*

Type:

Mount:

Slew Control:

Navigation Aid:

IMAGER

Eyepiece:

FOV:

Type:

Barlow:

Net Mag:

Camera:

Type:

ASA:

Guider:

Exp time:

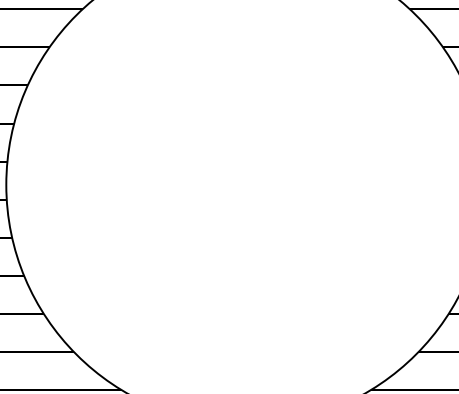
Exp count:

Dark frame:

Bias frame:

Software:

OBSERVATIONS

Indicate NORTH with arrow

NOTES

SPRING

Rating:GD

vB, cL, R, psbM, r

Binoculars: 7x35: NA; 20x80: Challenge

MESSIER OBJECT OBSERVATION LOG

M106

Inspired by *Le Catalogue des Nébuleuses par Charles Messier*

Observer:

Date:

Time:

OBJECT

Name: **M106, NGC4258, UGC7353**

R.A.: **12h18m58s**

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/l

Type:

Mount:

Slew Control:

Navigation Aid:

IMAGER

Eyepiece:

FOV:

Type:

Barlow:

Net Mag:

Camera:

Type:

ASA:

Guider:

Exp time:

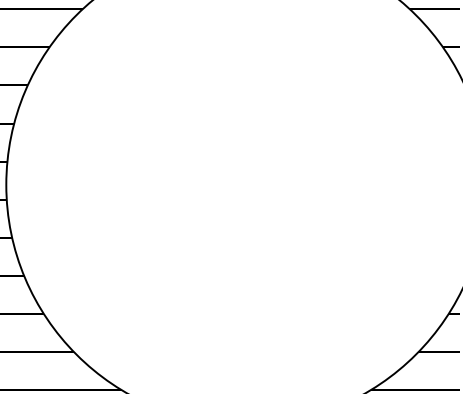
Exp count:

Dark frame:

Bias frame:

Software:

OBSERVATIONS

Indicate NORTH with arrow

NOTES

SPRING

Rating: VG

vB, vL, vmE 0deg, sbMBN

Binoculars: 7x35: Challenge; 20x80: Tougher

MESSIER OBJECT OBSERVATION LOG

M107

Inspired by *Le Catalogue des Nébuleuses par Charles Messier*

Observer:

Date:

Time:

OBJECT

Name: **M107, NGC6171**

R.A.: **16h32m32s**

Dec: **-13°03'11"**

Const: **Oph**

Type: **GCL**

Magnitude: **10**

Size: **10**

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

SUMMER

Rating: VG

glob. cl. , L, vRi, vmC, R, rrr

Binoculars: 7x35: NA; 20x80: Challenge

MESSIER OBJECT OBSERVATION LOG

M108

Inspired by *Le Catalogue des Nébuleuses par Charles Messier*

Observer:

Date:

Time:

OBJECT

Name: **M108, NGC3556, UGC6225**

R.A.: **11h11m31s**

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/*l*

Type:

Mount:

Slew Control:

Navigation Aid:

IMAGER

Eyepiece:

FOV:

Type:

Barlow:

Net Mag:

Camera:

Type:

ASA:

Guider:

Exp time:

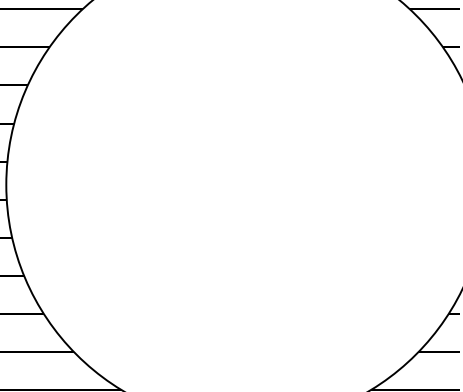
Exp count:

Dark frame:

Bias frame:

Software:

OBSERVATIONS

Indicate NORTH with arrow

NOTES

SPRING

Rating:GD

cB, vL, vmE 79deg, pbM, r

Binoculars: 7x35: NA; 20x80: Challenge

MESSIER OBJECT OBSERVATION LOG

M109

Inspired by *Le Catalogue des Nébuleuses par Charles Messier*

Observer: _____ Date: _____ Time: _____

OBJECT

Name: **M109, NGC3992, UGC6937**
 R.A.: **11h57m36s** Dec: **53°22'29"** Const: **UMa**
 Type: **GXY** Magnitude: **10.6** Size: **7.5x4.4**

OBSERVING SITE

Location: _____
 Latitude: _____ Longitude: _____ Elevation: _____

SKY

Darkness/SQM: _____ Wind Speed: _____ Temperature: _____
 Seeing: _____ Wind Dir: _____ Humidity: _____

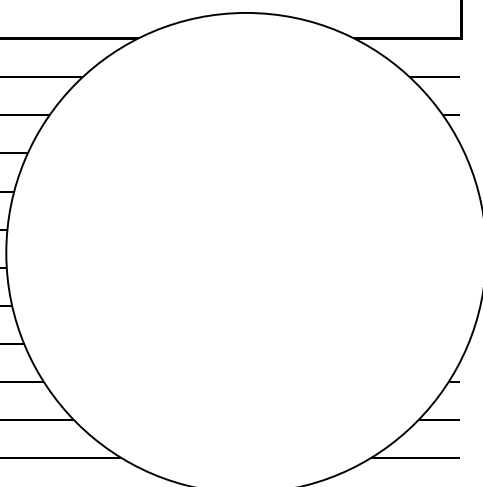
TELESCOPE

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

SPRING
 Rating:GD
 cB, vL, pmE, sbMBrN
 Binoculars: 7x35: NA; 20x80: Challenge

MESSIER OBJECT OBSERVATION LOG

M110

Inspired by *Le Catalogue des Nébuleuses par Charles Messier*

Observer:

Date:

Time:

OBJECT

Name: **M110, NGC205, Satellite Of M31**

R.A.: **00h40m22s**

Dec: **41°41'07"**

Const: **And**

Type: **GXY**

Magnitude: **8.9**

Size: **19.5x11.5**

OBSERVING SITE

Location:

Latitude:

Longitude:

Elevation:

SKY

Darkness/SQM:

Wind Speed:

Temperature:

Seeing:

Wind Dir:

Humidity:

TELESCOPE

OTA:

FL:

f/l

Type:

Mount:

Slew Control:

Navigation Aid:

IMAGER

Eyepiece:

FOV:

Type:

Barlow:

Net Mag:

Camera:

Type:

ASA:

Guider:

Exp time:

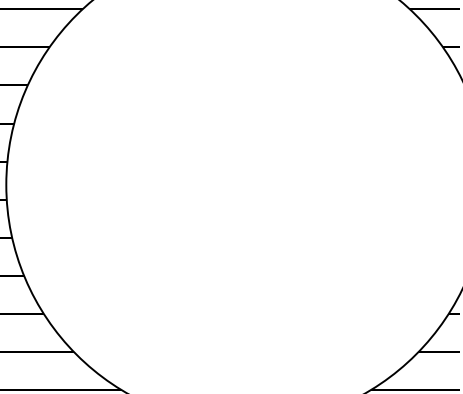
Exp count:

Dark frame:

Bias frame:

Software:

OBSERVATIONS

Indicate NORTH with arrow

NOTES

AUTUMN

Rating:VG

vB, vL, mE 165deg , vgvmbM

Binoculars: 7x35: NA; 20x80: Challenge