

CALDWELL OBJECT 0016

NGC 6826, Blinking Planetary

OBSERVATION LOG

Observer:

Date:

Time:

OBJECT

Name: **NGC 6826, Blinking Planetary**
 R.A.: **19h44m48s** Dec: **50°30'60"** Const: **Cyg**
 Type: **PNE** Magnitude: **8.8** Size: **0.5x2.3**

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

Personal Sky Atlas chart 62



CALDWELL OBJECT 0017
NGC 7243, Collinder 448

OBSERVATION LOG

Observer:

Date:

Time:

OBJECT

Name: **NGC 7243, Collinder 448**

R.A.: **22h15m18s**

Dec: **49°53'00"**

Const: **Lac**

Type: **OCL**

Magnitude: **6.4**

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:

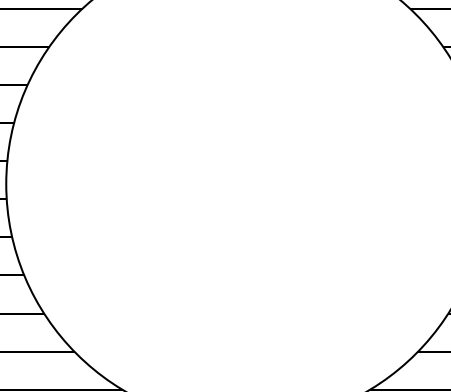
Exp count:

Dark frame:

Bias frame:

Software:

OBSERVATIONS

Indicate NORTH with arrow

NOTES

Personal Sky Atlas chart 73



CALDWELL OBJECT 0018 NGC 147, MCG 8-2-5

OBSERVATION LOG

Observer:

Date:

Time:

OBJECT

Name: **NGC 147, MCG 8-2-5**

R.A.: **00h33m12s**

Dec: **48°30'27"**

Const: **Cas**

Type: **GXY**

Magnitude: **9.3**

Size: **13x8**

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

Personal Sky Atlas chart 3



CALDWELL OBJECT 0019
NGC 185, MCG 8-2-10

OBSERVATION LOG

Observer:

Date:

Time:

OBJECT

Name: **NGC 185, MCG 8-2-10**

R.A.: **00h38m58s**

Dec: **48°20'14"**

Const: **Cas**

Type: **GXY**

Magnitude: **9.2**

Size: **12x10**

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:

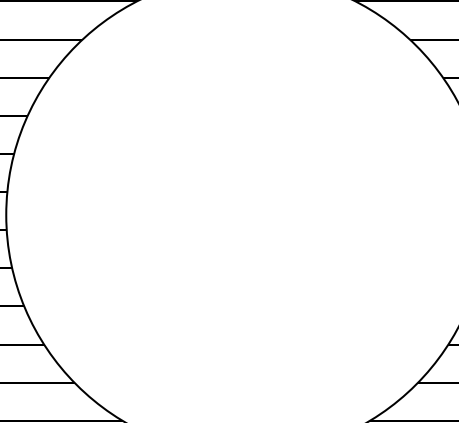
Exp count:

Dark frame:

Bias frame:

Software:

OBSERVATIONS

Indicate NORTH with arrow

NOTES

Personal Sky Atlas chart 3



CALDWELL OBJECT 0020

IC 5146, Cocoon Nebula

OBSERVATION LOG

Observer: _____

Date: _____

Time: _____

OBJECT

Name: **IC 5146, Cocoon Nebula**

R.A.: **21h53m30s**

Dec: **47°15'60"**

Const: **Cyg**

Type: **BNE**

Magnitude: **9.9**

Size: **12x12**

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: _____

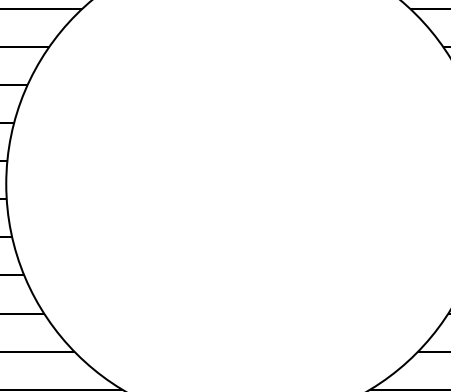
Exp count: _____

Dark frame: _____

Bias frame: _____

Software: _____

OBSERVATIONS

Indicate NORTH with arrow

NOTES

Personal Sky Atlas chart 73



CALDWELL OBJECT 0021

NGC 7000, North American Nebula

OBSERVATION LOG

Observer:

Date:

Time:

OBJECT

Name: **NGC 7000, North American Nebula**

R.A.: **20h58m48s**

Dec: **44°19'60"**

Const: **Cyg**

Type: **BNE**

Magnitude: **99**

Size: **120x100**

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:

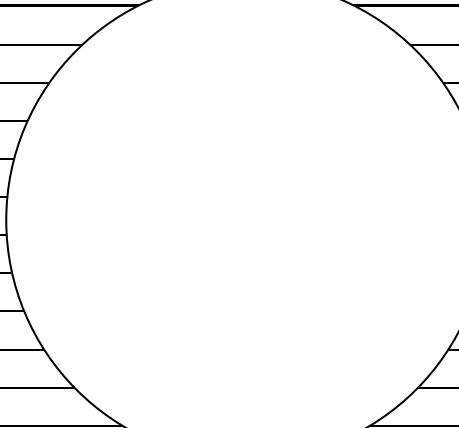
Exp count:

Dark frame:

Bias frame:

Software:

OBSERVATIONS

Indicate NORTH with arrow

NOTES

Personal Sky Atlas chart 62



CALDWELL OBJECT 0022
NGC 4449, MCG 7-26-9

OBSERVATION LOG

Observer:

Date:

Time:

OBJECT

Name: **NGC 4449, MCG 7-26-9**

R.A.: **12h28m12s**

Dec: **44°05'60"**

Const: **CVn**

Type: **GXY**

Magnitude: **9.4**

Size: **5x4**

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

Observations area with horizontal lines and a large circular field of view on the right side.

Indicate NORTH with arrow

NOTES

Personal Sky Atlas chart 43



CALDWELL OBJECT 0023 NGC 7662, Blue Snowball

OBSERVATION LOG

Observer:

Date:

Time:

OBJECT

Name: **NGC 7662, Blue Snowball**

R.A.: **23h25m54s**

Dec: **42°32'60"**

Const: **And**

Type: **PNE**

Magnitude: **8.3**

Size: **0.3x2.2**

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:

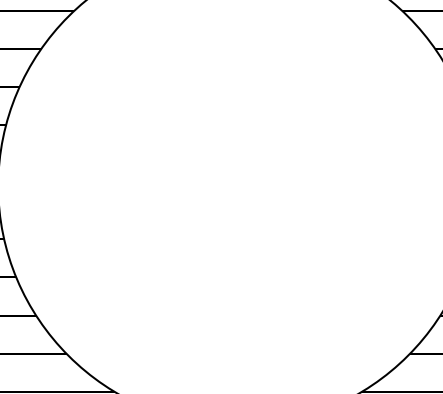
Exp count:

Dark frame:

Bias frame:

Software:

OBSERVATIONS

Indicate NORTH with arrow

NOTES

Personal Sky Atlas chart 72



CALDWELL OBJECT 0024

NGC 891, MCG 7-5-46

OBSERVATION LOG

Observer: _____

Date: _____

Time: _____

OBJECT

Name: **NGC 891, MCG 7-5-46**

R.A.: **02h22m33s**

Dec: **42°20'54"**

Const: **And**

Type: **GXY**

Magnitude: **9.9**

Size: **14x3**

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: _____

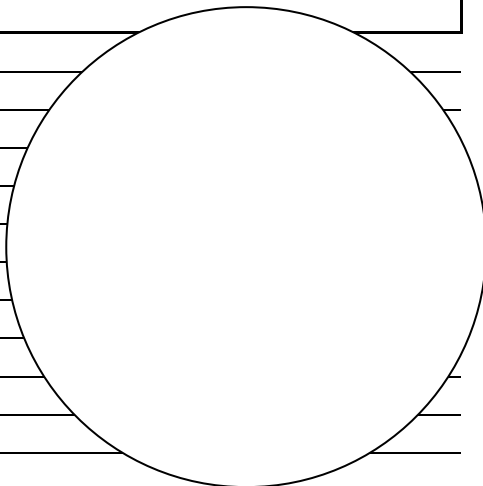
Exp count: _____

Dark frame: _____

Bias frame: _____

Software: _____

OBSERVATIONS



Indicate NORTH with arrow

NOTES

Personal Sky Atlas chart 2



CALDWELL OBJECT 0025
NGC 1275, Perseus A radio source

OBSERVATION LOG

Observer:

Date:

Time:

OBJECT

Name: **NGC 1275, Perseus A radio source**

R.A.: **03h19m48s**

Dec: **41°30'60"**

Const: **Per**

Type: **GXY**

Magnitude: **11.6**

Size: **2.6x2**

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 horizontal lines and a large circular diagram on the right.

Indicate NORTH with arrow

NOTES

Personal Sky Atlas chart 13



CALDWELL OBJECT 0026
NGC 2419, Intergalactic Wanderer

OBSERVATION LOG

Observer:

Date:

Time:

OBJECT

Name: **NGC 2419, Intergalactic Wanderer**

R.A.: **07h38m06s**

Dec: **38°53'00"**

Const: **Lyn**

Type: **GCL**

Magnitude: **10.4**

Size: **4.1**

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

Personal Sky Atlas chart 22



CALDWELL OBJECT 0027

NGC 6888, Crescent Nebula

OBSERVATION LOG

Observer: _____

Date: _____

Time: _____

OBJECT

Name: NGC 6888, Crescent Nebula
R.A.: **12h17m30s** Dec: **37°48'60"** Const: **CVn**
Type: **GXY** Magnitude: **10.2** Size: **16x2.5**

OBSERVING SITE

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

SKY

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

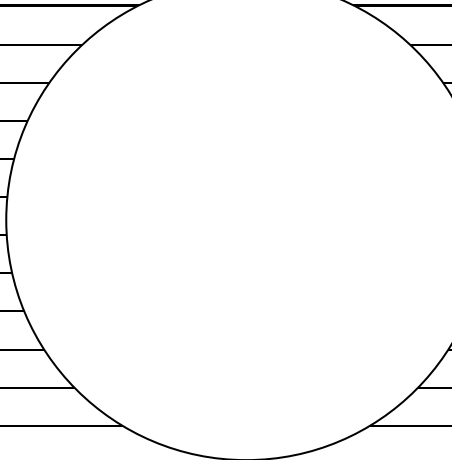
TELESCOPE

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

Personal Sky Atlas chart 62



CALDWELL OBJECT 0028
NGC 752, Collinder 23

OBSERVATION LOG

Observer:

Date:

Time:

OBJECT

Name: **NGC 752, Collinder 23**

R.A.: **20h12m00s**

Dec: **38°20'60"**

Const: **Cyg**

Type: **BNE**

Magnitude: **99**

Size: **20x10**

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

Personal Sky Atlas chart 2



CALDWELL OBJECT 0030
NGC 5005, MCG 6-29-52

OBSERVATION LOG

Observer:

Date:

Time:

OBJECT

Name: **NGC 5005, MCG 6-29-52**

R.A.: **13h10m54s**

Dec: **37°02'60"**

Const: **CVn**

Type: **GXY**

Magnitude: **9.8**

Size: **5.4x2**

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:

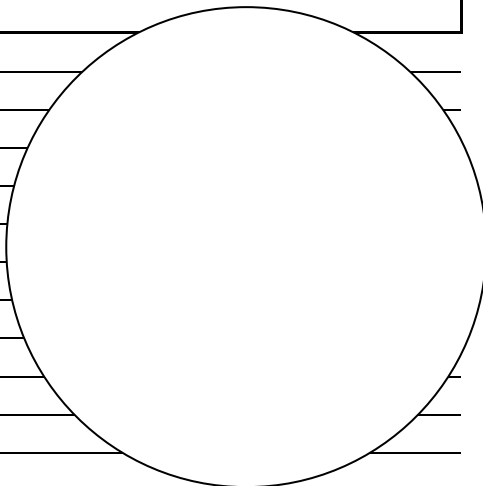
Exp count:

Dark frame:

Bias frame:

Software:

OBSERVATIONS



Indicate NORTH with arrow

NOTES

Personal Sky Atlas chart 43



CALDWELL OBJECT 0031

IC 405, Flaming Star Nebula

OBSERVATION LOG

Observer:

Date:

Time:

OBJECT

Name: **IC 405, Flaming Star Nebula**

R.A.: **22h37m06s**

Dec: **34°25'00"**

Const: **Peg**

Type: **GXY**

Magnitude: **9.5**

Size: **11x4**

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:

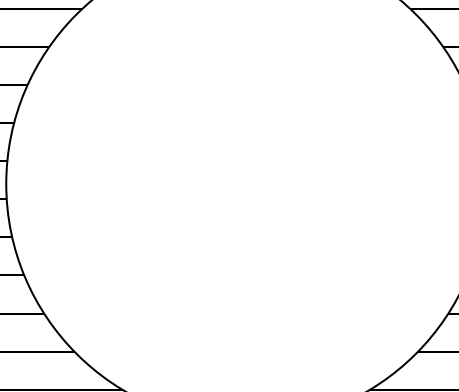
Exp count:

Dark frame:

Bias frame:

Software:

OBSERVATIONS

Indicate NORTH with arrow

NOTES

Personal Sky Atlas chart 12



CALDWELL OBJECT 0032 NGC 7331, MCG 6-49-45

OBSERVATION LOG

Observer:

Date:

Time:

OBJECT

Name: **NGC 7331, MCG 6-49-45**

R.A.: **05h16m12s**

Dec: **34°15'60"**

Const: **Aur**

Type: **BNE**

Magnitude: **99**

Size: **30x19**

OBSERVING SITE

Location:

Latitude:

Longitude:

Elevation:

SKY

Darkness/SQM:

Wind Speed:

Temperature:

Seeing:

Wind Dir:

Humidity:

TELESCOPE

OTA:

FL:

f/

Type:

Mount:

Slew Control:

Navigation Aid:

IMAGER

Eyepiece:

FOV:

Type:

Barlow:

Net Mag:

Camera:

Type:

ASA:

Guider:

Exp time:

Exp count:

Dark frame:

Bias frame:

Software:

OBSERVATIONS

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

Indicate NORTH with arrow

NOTES

Personal Sky Atlas chart 72



CALDWELL OBJECT 0033 NGC 4631, Whale Galaxy

OBSERVATION LOG

Observer:

Date:

Time:

OBJECT

Name: **NGC 4631, Whale Galaxy**

R.A.: **12h42m06s**

Dec: **32°31'60"**

Const: **CVn**

Type: **GXY**

Magnitude: **9.3**

Size: **15x3**

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

Personal Sky Atlas chart 43



CALDWELL OBJECT 0034 NGC 6992, Veil Nebula (East)

OBSERVATION LOG

Observer:

Date:

Time:

OBJECT

Name: **NGC 6992, Veil Nebula (East)**

R.A.: **20h56m24s**

Dec: **31°43'00"**

Const: **Cyg**

Type: **SNR**

Magnitude: **99**

Size: **60x8**

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 observation notes. A large circle is drawn on the right side of the lines.

Indicate NORTH with arrow

NOTES

Personal Sky Atlas chart 62



CALDWELL OBJECT 0035 NGC 6960, Veil Nebula (West)

OBSERVATION LOG

Observer: _____

Date: _____

Time: _____

OBJECT

Name: **NGC 6960, Veil Nebula (West)**

R.A.: **20h45m42s**

Dec: **30°43'00"**

Const: **Cyg**

Type: **SNR**

Magnitude: **99**

Size: **70x6**

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: _____

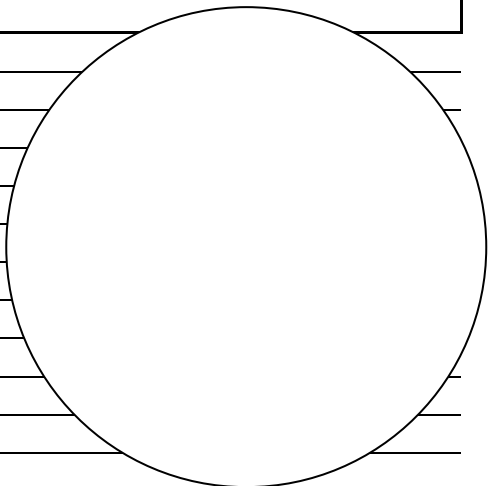
Exp count: _____

Dark frame: _____

Bias frame: _____

Software: _____

OBSERVATIONS



Indicate NORTH with arrow

NOTES

Personal Sky Atlas chart 62



CALDWELL OBJECT 0036

NGC 4884, MCG 5-31-77

OBSERVATION LOG

Observer:

Date:

Time:

OBJECT

Name: **NGC 4884, MCG 5-31-77**

R.A.: **13h00m06s**

Dec: **27°59'00"**

Const: **Com**

Type: **GXY**

Magnitude: **11.4**

Size: **3x2**

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 log grid with a large circular field of view on the right side.

Indicate NORTH with arrow

NOTES

Personal Sky Atlas chart 45



CALDWELL OBJECT 0037
NGC 4559, MCG 5-30-30

OBSERVATION LOG

Observer:

Date:

Time:

OBJECT

Name: **NGC 4559, MCG 5-30-30**

R.A.: **12h36m00s**

Dec: **27°58'00"**

Const: **Com**

Type: **GXY**

Magnitude: **9.8**

Size: **10x5**

OBSERVING SITE

Location:

Latitude:

Longitude:

Elevation:

SKY

Darkness/SQM:

Wind Speed:

Temperature:

Seeing:

Wind Dir:

Humidity:

TELESCOPE

OTA:

FL:

f/

Type:

Mount:

Slew Control:

Navigation Aid:

IMAGER

Eyepiece:

FOV:

Type:

Barlow:

Net Mag:

Camera:

Type:

ASA:

Guider:

Exp time:

Exp count:

Dark frame:

Bias frame:

Software:

OBSERVATIONS

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

Indicate NORTH with arrow

NOTES

Personal Sky Atlas chart 45



CALDWELL OBJECT 0038 NGC 6885, Collinder 417

OBSERVATION LOG

Observer:

Date:

Time:

OBJECT

Name: **NGC 6885, Collinder 417**

R.A.: **20h12m00s**

Dec: **26°29'00"**

Const: **Vul**

Type: **OCL**

Magnitude: **5.9**

Size: **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

Personal Sky Atlas chart 64



CALDWELL OBJECT 0039
NGC 4565, MCG 4-30-6

OBSERVATION LOG

Observer:

Date:

Time:

OBJECT

Name: NGC 4565, MCG 4-30-6

R.A.: 12h36m18s

Dec: 25°59'00"

Const: Com

Type: GXY

Magnitude: 9.6

Size: 16x3

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

Lined area for observations with a large circle on the right side.

Indicate NORTH with arrow

NOTES

Personal Sky Atlas chart 45



CALDWELL OBJECT 0040

NGC 2392, Eskimo Nebula

OBSERVATION LOG

Observer:

Date:

Time:

OBJECT

Name: **NGC 2392, Eskimo Nebula**

R.A.: **07h29m12s**

Dec: **20°54'60"**

Const: **Gem**

Type: **PNE**

Magnitude: **9.2**

Size: **0.2x0.7**

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:

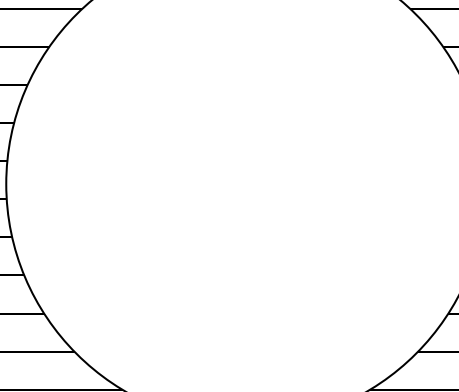
Exp count:

Dark frame:

Bias frame:

Software:

OBSERVATIONS

Indicate NORTH with arrow

NOTES

Personal Sky Atlas chart 25



CALDWELL OBJECT 0041
NGC 3626, MCG 3-29-32

OBSERVATION LOG

Observer: _____

Date: _____

Time: _____

OBJECT

Name: **NGC 3626, MCG 3-29-32**
 R.A.: **11h20m06s** Dec: **18°21'00"** Const: **Leo**
 Type: **GXY** Magnitude: **10.9** Size: **3x2**

OBSERVING SITE

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

SKY

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

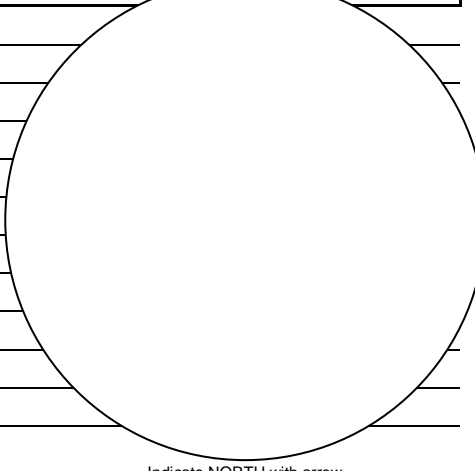
TELESCOPE

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

Personal Sky Atlas chart 34



CALDWELL OBJECT 0042
NGC 7006,
OBSERVATION LOG

Observer:

Date:

Time:

OBJECT

Name: NGC 7006,
R.A.: 21h01m30s Dec: **16°10'60"** Const: **Del**
Type: GCL Magnitude: **10.6** Size: **2.8**

OBSERVING SITE

Location:
 Latitude: Longitude: Elevation:

SKY

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

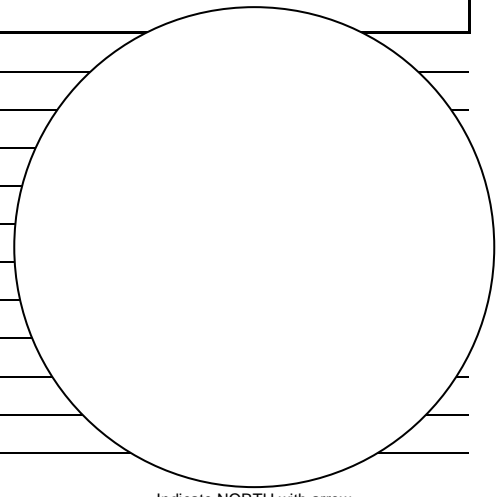
TELESCOPE

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

Personal Sky Atlas chart 75



CALDWELL OBJECT 0043
NGC 7814, MCG 3-1-20

OBSERVATION LOG

Observer:

Date:

Time:

OBJECT

Name: **NGC 7814, MCG 3-1-20**

R.A.: **00h03m18s**

Dec: **16°08'60"**

Const: **Peg**

Type: **GXY**

Magnitude: **10.5**

Size: **6x2**

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

Personal Sky Atlas chart 5



CALDWELL OBJECT 0044
Collinder 50, Hyades

OBSERVATION LOG

Observer:

Date:

Time:

OBJECT

Name: **Collinder 50, Hyades**

R.A.: **04h26m54s**

Dec: **1552'00"**

Const: **Tau**

Type: **OCL**

Magnitude: **0.8**

Size: **5.5**

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

Observation area with a large circle for field of view and horizontal lines for notes.

Indicate NORTH with arrow

NOTES

Personal Sky Atlas chart 15



CALDWELL OBJECT 0045

NGC 7479, MCG 2-58-60

OBSERVATION LOG

Observer:

Date:

Time:

OBJECT

Name: **NGC 7479, MCG 2-58-60**

R.A.: **23h04m54s**

Dec: **12°19'00"**

Const: **Peg**

Type: **GXY**

Magnitude: **11**

Size: **4x3**

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:

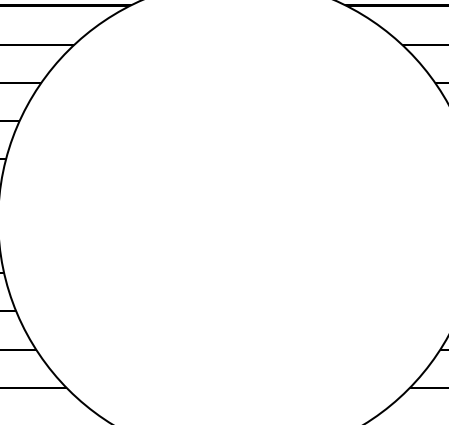
Exp count:

Dark frame:

Bias frame:

Software:

OBSERVATIONS

Indicate NORTH with arrow

NOTES

Personal Sky Atlas chart 74



CALDWELL OBJECT 0046 NGC 5248, MCG 2-35-15

OBSERVATION LOG

Observer:

Date:

Time:

OBJECT

Name: **NGC 5248, MCG 2-35-15**

R.A.: **13h37m30s**

Dec: **08°52'60"**

Const: **Boo**

Type: **GXY**

Magnitude: **10.2**

Size: **6x4**

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

Personal Sky Atlas chart 44



NGC 2261, Hubble's Variable Nebula

OBSERVATION LOG

Observer: _____

Date: _____

Time: _____

OBJECT

Name: **NGC 2261, Hubble's Variable Nebula**

R.A.: **06h39m12s**

Dec: **08°44'00"**

Const: **Mon**

Type: **BNE**

Magnitude: **99**

Size: **2x1**

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

Personal Sky Atlas chart 25



CALDWELL OBJECT 0048
NGC 6934,
OBSERVATION LOG

Observer:

Date:

Time:

OBJECT

Name: **NGC 6934,**
R.A.: **20h34m12s**
Type: **GCL**

Dec: **07°24'00"**
Magnitude: **8.9**

Const: **Del**
Size: **5.9**

OBSERVING SITE

Location:

Latitude:

Longitude:

Elevation:

SKY

Darkness/SQM:
Seeing:

Wind Speed:
Wind Dir:

Temperature:
Humidity:

TELESCOPE

OTA:

Slew Control:

FL:

f/
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

Observation log section with a large circular field for sketches or drawings.

Indicate NORTH with arrow

NOTES

Personal Sky Atlas chart 64



CALDWELL OBJECT 0049
NGC 2775, MCG 1-24-5

OBSERVATION LOG

Observer:

Date:

Time:

OBJECT

Name: **NGC 2775, MCG 1-24-5**

R.A.: **09h10m18s**

Dec: **07°01'60"**

Const: **Cnc**

Type: **GXY**

Magnitude: **10.3**

Size: **4.5x3**

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:

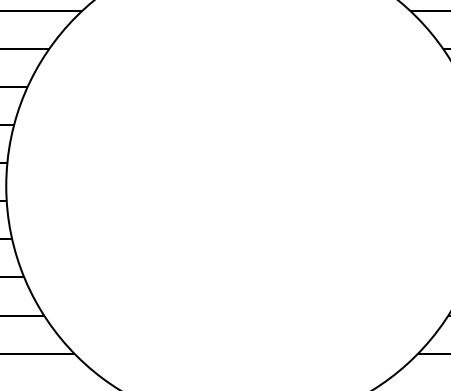
Exp count:

Dark frame:

Bias frame:

Software:

OBSERVATIONS

Indicate NORTH with arrow

NOTES

Personal Sky Atlas chart 35



CALDWELL OBJECT 0050 NGC 2237, Rosette

OBSERVATION LOG

Observer:

Date:

Time:

OBJECT

Name: **NGC 2237, Rosette**

R.A.: **06h32m18s**

Dec: **05°03'00"**

Const: **Mon**

Type: **BNE**

Magnitude: **99**

Size: **80x60**

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:

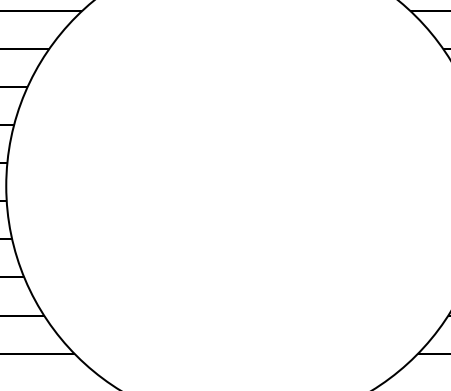
Exp count:

Dark frame:

Bias frame:

Software:

OBSERVATIONS

Indicate NORTH with arrow

NOTES

Personal Sky Atlas chart 25



CALDWELL OBJECT 0051
NGC 2244, Collinder 99

OBSERVATION LOG

Observer:

Date:

Time:

OBJECT

Name: **NGC 2244, Collinder 99**

R.A.: **06h32m24s**

Dec: **04°52'00"**

Const: **Mon**

Type: **OCL**

Magnitude: **4.8**

Size: **24**

OBSERVING SITE

Location:

Latitude:

Longitude:

Elevation:

SKY

Darkness/SQM:

Wind Speed:

Temperature:

Seeing:

Wind Dir:

Humidity:

TELESCOPE

OTA:

FL:

f/

Type:

Mount:

Slew Control:

Navigation Aid:

IMAGER

Eyepiece:

FOV:

Type:

Barlow:

Net Mag:

Camera:

Type:

ASA:

Guider:

Exp time:

Exp count:

Dark frame:

Bias frame:

Software:

OBSERVATIONS

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

Indicate NORTH with arrow

NOTES

Personal Sky Atlas chart 25



CALDWELL OBJECT 0052 IC 1613, MCG 0-3-70

OBSERVATION LOG

Observer:

Date:

Time:

OBJECT

Name: **IC 1613, MCG 0-3-70**

R.A.: **01h04m48s**

Dec: **02°07'00"**

Const: **Cet**

Type: **GXY**

Magnitude: **9.3**

Size: **12x11**

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, with a large circular diagram on the right side.

Indicate NORTH with arrow

NOTES

Personal Sky Atlas chart 5



CALDWELL OBJECT 0053 NGC 4697, MCG -1-33-10

OBSERVATION LOG

Observer:

Date:

Time:

OBJECT

Name: **NGC 4697, MCG -1-33-10**

R.A.: **12h48m36s**

Dec: **-05°48'00"**

Const: **Vir**

Type: **GXY**

Magnitude: **9.3**

Size: **6x4**

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:

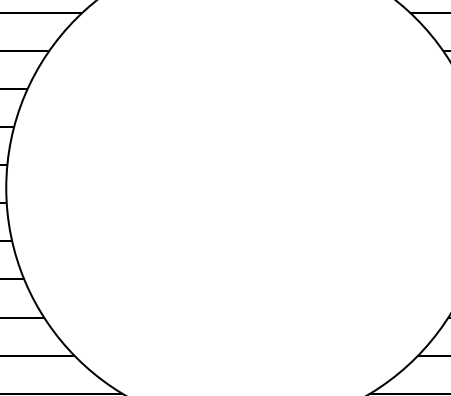
Exp count:

Dark frame:

Bias frame:

Software:

OBSERVATIONS

Indicate NORTH with arrow

NOTES

Personal Sky Atlas chart 47



CALDWELL OBJECT 0054
NGC 3115, Spindle Galaxy

OBSERVATION LOG

Observer:

Date:

Time:

OBJECT

Name: **NGC 3115, Spindle Galaxy**

R.A.: **10h05m12s**

Dec: **-07°43'00"**

Const: **Sex**

Type: **GXY**

Magnitude: **9.1**

Size: **8x3**

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:

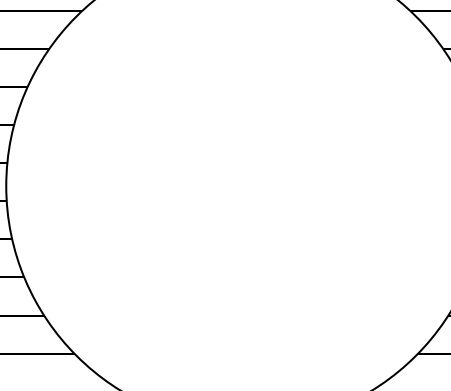
Exp count:

Dark frame:

Bias frame:

Software:

OBSERVATIONS

Indicate NORTH with arrow

NOTES

Personal Sky Atlas chart 37



CALDWELL OBJECT 0055
NGC 2506, Collinder 170

OBSERVATION LOG

Observer:

Date:

Time:

OBJECT

Name: **NGC 2506, Collinder 170**

R.A.: **08h00m12s**

Dec: **-10°47'00"**

Const: **Mon**

Type: **OCL**

Magnitude: **7.6**

Size: **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

Multiple horizontal lines for text entry, with a large circular area on the right side.

Indicate NORTH with arrow

NOTES

Personal Sky Atlas chart 26



CALDWELL OBJECT 0056 NGC 7009, Saturn Nebula

OBSERVATION LOG

Observer:

Date:

Time:

OBJECT

Name: NGC 7009, Saturn Nebula

R.A.: **21h04m12s**

Dec: **-11°22'00"**

Const: **Aqr**

Type: **PNE**

Magnitude: **8**

Size: **0.4x1.6**

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:

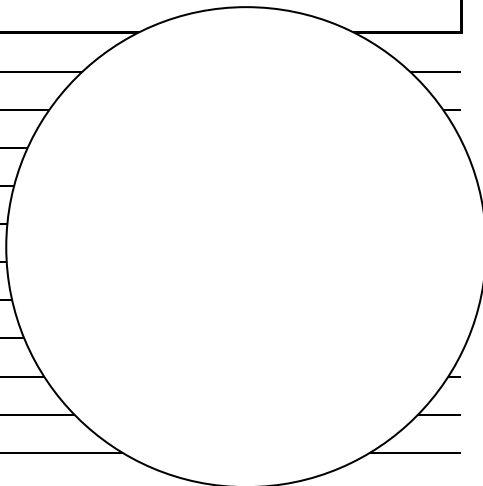
Exp count:

Dark frame:

Bias frame:

Software:

OBSERVATIONS



Indicate NORTH with arrow

NOTES

Personal Sky Atlas chart 77



CALDWELL OBJECT 0057 NGC 246, PN G118.8-74.7

OBSERVATION LOG

Observer:

Date:

Time:

OBJECT

Name: **NGC 246, PN G118.8-74.7**

R.A.: **00h47m03s**

Dec: **-11°52'19"**

Const: **Cet**

Type: **PNE**

Magnitude: **10.9**

Size: **3.8**

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

Observation notes area with a large circular field of view diagram.

Indicate NORTH with arrow

NOTES

Personal Sky Atlas chart 7



CALDWELL OBJECT 0058

NGC 6822, Barnard's Galaxy

OBSERVATION LOG

Observer:

Date:

Time:

OBJECT

Name: **NGC 6822, Barnard's Galaxy**

R.A.: **19h44m54s**

Dec: **-14°48'00"**

Const: **Sgr**

Type: **GXY**

Magnitude: **8.8**

Size: **10x9**

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

Personal Sky Atlas chart 66



CALDWELL OBJECT 0059
NGC 2360, Collinder 134

OBSERVATION LOG

Observer:

Date:

Time:

OBJECT

Name: **NGC 2360, Collinder 134**

R.A.: **07h17m48s**

Dec: **-15°37'00"**

Const: **CMa**

Type: **OCL**

Magnitude: **7.2**

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:

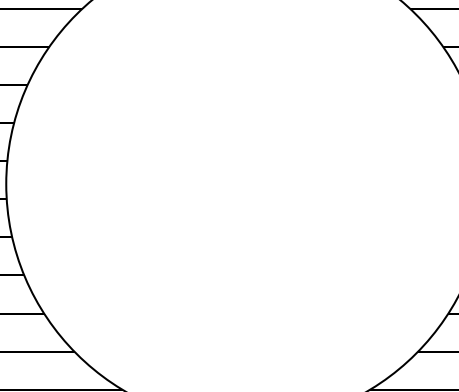
Exp count:

Dark frame:

Bias frame:

Software:

OBSERVATIONS

Indicate NORTH with arrow

NOTES

Personal Sky Atlas chart 27



CALDWELL OBJECT 0060
NGC 3242, Ghost of Jupiter

OBSERVATION LOG

Observer:

Date:

Time:

OBJECT

Name: **NGC 3242, Ghost of Jupiter**

R.A.: **10h24m48s**

Dec: **-18°37'60"**

Const: **Hya**

Type: **PNE**

Magnitude: **7.8**

Size: **0.3x21**

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, with a large circle on the right side for a field of view diagram.

Indicate NORTH with arrow

NOTES

Personal Sky Atlas chart 37



CALDWELL OBJECT 0061 NGC 4038, The Antennae

OBSERVATION LOG

Observer:

Date:

Time:

OBJECT

Name: **NGC 4038, The Antennae**

R.A.: **12h01m54s**

Dec: **-18°52'00"**

Const: **Crv**

Type: **GXY**

Magnitude: **10.7**

Size: **2.6x2**

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

Personal Sky Atlas chart 47



CALDWELL OBJECT 0062

NGC 4039, Arp 244

OBSERVATION LOG

Observer:

Date:

Time:

OBJECT

Name: **NGC 4039, Arp 244**

R.A.: **12h01m54s**

Dec: **-18°52'60"**

Const: **Crv**

Type: **GXY**

Magnitude: **10.7**

Size: **3x2**

OBSERVING SITE

Location:

Latitude:

Longitude:

Elevation:

SKY

Darkness/SQM:

Wind Speed:

Temperature:

Seeing:

Wind Dir:

Humidity:

TELESCOPE

OTA:

FL:

f/

Type:

Mount:

Slew Control:

Navigation Aid:

IMAGER

Eyepiece:

FOV:

Type:

Barlow:

Net Mag:

Camera:

Type:

ASA:

Guider:

Exp time:

Exp count:

Dark frame:

Bias frame:

Software:

OBSERVATIONS

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

Indicate NORTH with arrow

NOTES

Personal Sky Atlas chart 47



CALDWELL OBJECT 0063 NGC 247, MCG -4-3-5

OBSERVATION LOG

Observer:

Date:

Time:

OBJECT

Name: **NGC 247, MCG -4-3-5**

R.A.: **00h47m08s**

Dec: **-20°45'35"**

Const: **Cet**

Type: **GXY**

Magnitude: **9.1**

Size: **20x7**

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:

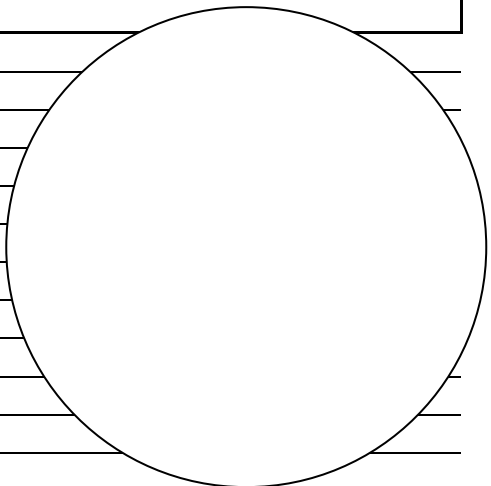
Exp count:

Dark frame:

Bias frame:

Software:

OBSERVATIONS



Indicate NORTH with arrow

NOTES

Personal Sky Atlas chart 7



CALDWELL OBJECT 0064

NGC 7293, Helix

OBSERVATION LOG

Observer:

Date:

Time:

OBJECT

Name: **NGC 7293, Helix**

R.A.: **22h29m36s**

Dec: **-20°47'60"**

Const: **Aqr**

Type: **PNE**

Magnitude: **7.3**

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

Observations area with a large circular diagram on the right side.

Indicate NORTH with arrow

NOTES

Personal Sky Atlas chart 77



CALDWELL OBJECT 0065

NGC 2362, Collinder 136

OBSERVATION LOG

Observer: _____

Date: _____

Time: _____

OBJECT

Name: **NGC 2362, Collinder 136**

R.A.: **07h18m48s**

Dec: **-24°57'00"**

Const: **CMa**

Type: **OCL**

Magnitude: **4.1**

Size: **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: _____

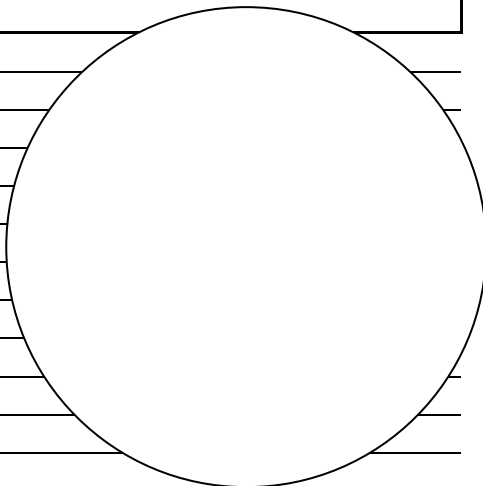
Exp count: _____

Dark frame: _____

Bias frame: _____

Software: _____

OBSERVATIONS



Indicate NORTH with arrow

NOTES

Personal Sky Atlas chart 27



CALDWELL OBJECT 0066

NGC 253, Sculptor Galaxy

OBSERVATION LOG

Observer: _____

Date: _____

Time: _____

OBJECT

Name: NGC 253, Sculptor Galaxy

R.A.: **00h47m33s**

Dec: **-25°17'18"**

Const: **Scl**

Type: **GXY**

Magnitude: **7.1**

Size: **25x7**

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: _____

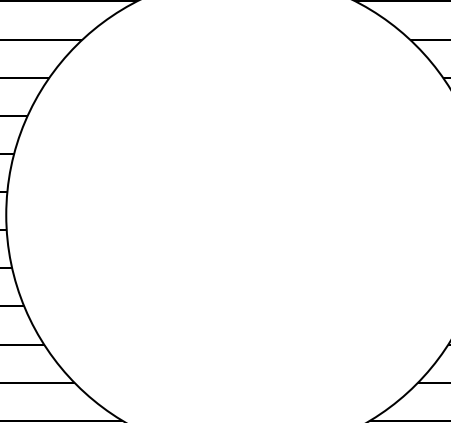
Exp count: _____

Dark frame: _____

Bias frame: _____

Software: _____

OBSERVATIONS

Indicate NORTH with arrow

NOTES

Personal Sky Atlas chart 7



CALDWELL OBJECT 0067
NGC 5694,
OBSERVATION LOG

Observer:

Date:

Time:

OBJECT

Name: **NGC 5694,**
R.A.: **14h39m36s**
Type: **GCL**

Dec: **-26°31'60"**
Magnitude: **10.2**

Const: **Hya**
Size: **3.6**

OBSERVING SITE

Location:

Latitude:

Longitude:

Elevation:

SKY

Darkness/SQM:
Seeing:

Wind Speed:
Wind Dir:

Temperature:
Humidity:

TELESCOPE

OTA:

FL:

f/
Navigation Aid:

Type:

Mount:

Slew Control:

IMAGER

Eyepiece:

FOV:

Type:

Barlow:

Net Mag:

Camera:

Type:

ASA:

Guider:

Exp time:

Exp count:

Dark frame:

Bias frame:

Software:

OBSERVATIONS

Observation log grid with a large circular field of view on the right side.

Indicate NORTH with arrow

NOTES

Personal Sky Atlas chart 46



CALDWELL OBJECT 0070
NGC 6302, Bug Nebula

OBSERVATION LOG

Observer:

Date:

Time:

OBJECT

Name: **NGC 6302, Bug Nebula**

R.A.: **17h13m42s**

Dec: **-37°05'60"**

Const: **Sco**

Type: **PNE**

Magnitude: **9.6**

Size: **0.8**

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:

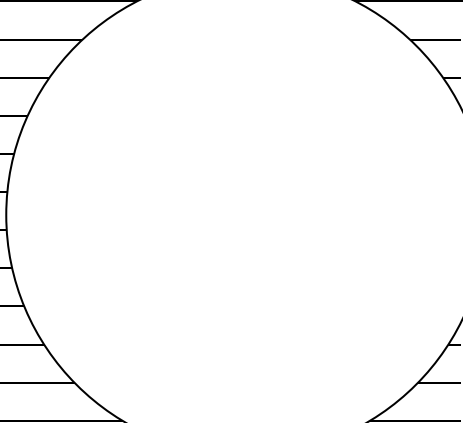
Exp count:

Dark frame:

Bias frame:

Software:

OBSERVATIONS

Indicate NORTH with arrow

NOTES

Personal Sky Atlas chart 58



CALDWELL OBJECT 0071
NGC 300, MCG -6-3-5

OBSERVATION LOG

Observer:

Date:

Time:

OBJECT

Name: **NGC 300, MCG -6-3-5**

R.A.: **00h54m53s**

Dec: **-37°41'03"**

Const: **Scl**

Type: **GXY**

Magnitude: **8.7**

Size: **20x13**

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

Personal Sky Atlas chart 9



CALDWELL OBJECT 0072
NGC 2477, Collinder 165

OBSERVATION LOG

Observer:

Date:

Time:

OBJECT

Name: **NGC 2477, Collinder 165**

R.A.: **07h52m18s**

Dec: **-38°32'60"**

Const: **Pup**

Type: **OCL**

Magnitude: **5.8**

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

Lined area for observations with a large circle on the right side.

Indicate NORTH with arrow

NOTES

Personal Sky Atlas chart 28



CALDWELL OBJECT 0073
NGC 55, MCG -7-1-13

OBSERVATION LOG

Observer:

Date:

Time:

OBJECT

Name: **NGC 55, MCG -7-1-13**

R.A.: **00h15m08s**

Dec: **-39°13'12"**

Const: **Scl**

Type: **GXY**

Magnitude: **7.9**

Size: **32x6**

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

Personal Sky Atlas chart 9



CALDWELL OBJECT 0074

NGC 1851,

OBSERVATION LOG

Observer:

Date:

Time:

OBJECT

Name: NGC 1851,	Dec: -40°02'60"	Const: Col
R.A.: 05h14m06s	Magnitude: 7.3	Size: 11
Type: GCL		

OBSERVING SITE

Location:

Latitude:	Longitude:	Elevation:
-----------	------------	------------

SKY

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

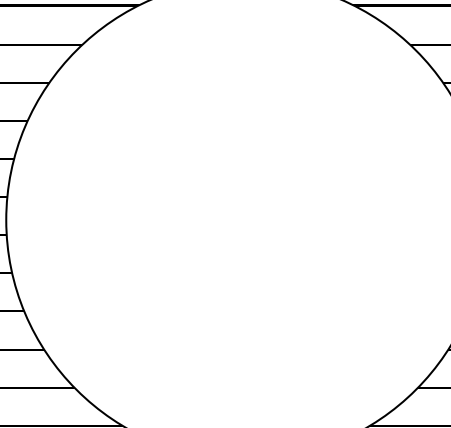
TELESCOPE

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

Personal Sky Atlas chart 18



CALDWELL OBJECT 0075
NGC 3132, Eight Burst
OBSERVATION LOG

Observer:

Date:

Time:

OBJECT

Name: **NGC 3132, Eight Burst**
 R.A.: **10h07m42s** Dec: **-40°26'00"** Const: **Vel**
 Type: **PNE** Magnitude: **9.4** Size: **0.8**

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

Personal Sky Atlas chart 39



CALDWELL OBJECT 0076
NGC 6124, Collinder 301

OBSERVATION LOG

Observer:

Date:

Time:

OBJECT

Name: **NGC 6124, Collinder 301**

R.A.: **16h25m36s**

Dec: **-40°40'00"**

Const: **Sco**

Type: **OCL**

Magnitude: **5.8**

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

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

Indicate NORTH with arrow

NOTES

Personal Sky Atlas chart 59



CALDWELL OBJECT 0079

NGC 6541,

OBSERVATION LOG

Observer:

Date:

Time:

OBJECT

Name: **NGC 6541**,
R.A.: **18h07m60s**
Type: **GCL**

Dec: **-43°42'00"**
Magnitude: **6.6**

Const: **CrA**
Size: **13**

OBSERVING SITE

Location:

Latitude:

Longitude:

Elevation:

SKY

Darkness/SQM:
Seeing:

Wind Speed:
Wind Dir:

Temperature:
Humidity:

TELESCOPE

OTA:

FL:

f/
Navigation Aid:

Type:

Mount:

Slew Control:

IMAGER

Eyepiece:

FOV:

Type:

Barlow:

Net Mag:

Camera:

Type:

ASA:

Guider:

Exp time:

Exp count:

Dark frame:

Bias frame:

Software:

OBSERVATIONS

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

Indicate NORTH with arrow

NOTES

Personal Sky Atlas chart 69



CALDWELL OBJECT 0080

NGC 3201,

OBSERVATION LOG

Observer:

Date:

Time:

OBJECT

Name: NGC 3201,	Dec: -46°25'00"	Const: Vel
R.A.: 10h17m36s	Magnitude: 6.7	Size: 18
Type: GCL		

OBSERVING SITE

Location:

Latitude:	Longitude:	Elevation:
-----------	------------	------------

SKY

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

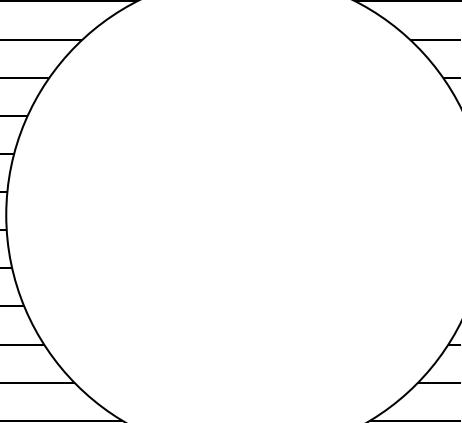
TELESCOPE

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

Personal Sky Atlas chart 39



CALDWELL OBJECT 0085

NGC 5286,

OBSERVATION LOG

Observer:

Date:

Time:

OBJECT

Name: NGC 5286,	Dec: -51°21'60"	Const: Cen
R.A.: 13h46m24s	Magnitude: 7.6	Size: 9
Type: GCL		

OBSERVING SITE

Location:

Latitude:	Longitude:	Elevation:
-----------	------------	------------

SKY

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

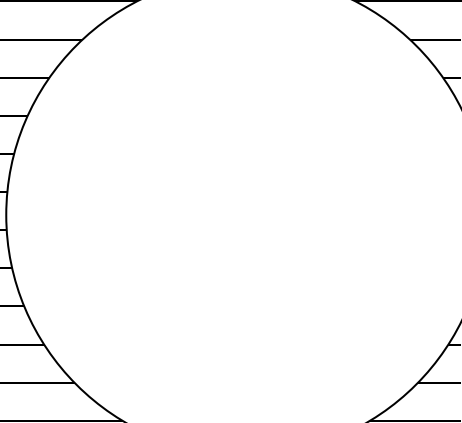
TELESCOPE

OTA:	FL:	f/	Type:	Mount:
Slew Control:		Navigation Aid:		

IMAGER

Eyepiece:	Type:	FOV:	Type:	Barlow:	Net Mag:
Camera:		Dark frame:	ASA:	Guider:	
Exp time:	Exp count:		Bias frame:	Software:	

OBSERVATIONS

Indicate NORTH with arrow

NOTES

Personal Sky Atlas chart 48



CALDWELL OBJECT 0087

NGC 6397,

OBSERVATION LOG

Observer:

Date:

Time:

OBJECT

Name: NGC 6397,	Dec: -53°40'00"	Const: Ara
R.A.: 17h40m42s	Magnitude: 5.6	Size: 26
Type: GCL		

OBSERVING SITE

Location:

Latitude:	Longitude:	Elevation:
-----------	------------	------------

SKY

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

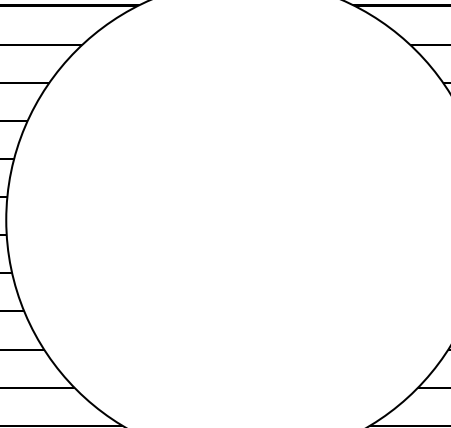
TELESCOPE

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

Personal Sky Atlas chart 58



CALDWELL OBJECT 0090
NGC 6087, Collinder 300

OBSERVATION LOG

Observer:

Date:

Time:

OBJECT

Name: **NGC 6087, Collinder 300**

R.A.: **16h18m54s**

Dec: **-57°54'00"**

Const: **Nor**

Type: **OCL**

Magnitude: **5.4**

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

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

Indicate NORTH with arrow

NOTES

Personal Sky Atlas chart 59



CALDWELL OBJECT 0093
NGC 3372, Eta Carinae Nebula

OBSERVATION LOG

Observer:

Date:

Time:

OBJECT

Name: **NGC 3372, Eta Carinae Nebula**

R.A.: **10h43m48s**

Dec: **-59°51'60"**

Const: **Car**

Type: **BNE**

Magnitude: **99**

Size: **120x120**

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

Personal Sky Atlas chart 38



CALDWELL OBJECT 0094
NGC 6752, Pavo Globular

OBSERVATION LOG

Observer:

Date:

Time:

OBJECT

Name: **NGC 6752, Pavo Globular**

R.A.: **19h10m54s**

Dec: **-59°59'00"**

Const: **Pav**

Type: **GCL**

Magnitude: **5.4**

Size: **20**

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 circle for a field of view diagram.

Indicate NORTH with arrow

NOTES

Personal Sky Atlas chart 69



CALDWELL OBJECT 0097 NGC 2516, Collinder 172

OBSERVATION LOG

Observer:

Date:

Time:

OBJECT

Name: **NGC 2516, Collinder 172**

R.A.: **07h58m18s**

Dec: **-60°51'60"**

Const: **Car**

Type: **OCL**

Magnitude: **3.8**

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:

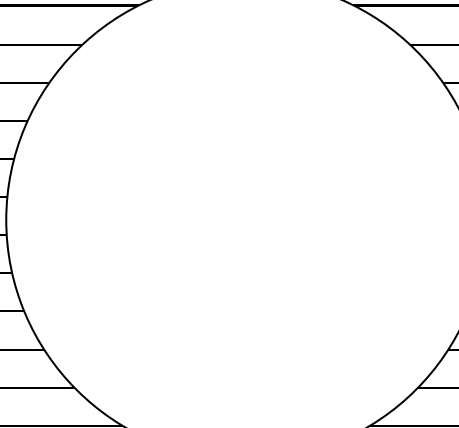
Exp count:

Dark frame:

Bias frame:

Software:

OBSERVATIONS

Indicate NORTH with arrow

NOTES

Personal Sky Atlas chart 30



CALDWELL OBJECT 0101
Coalsack, DC 300.7-001.0

OBSERVATION LOG

Observer:

Date:

Time:

OBJECT

Name: **Coalsack, DC 300.7-001.0**

R.A.: **11h36m36s**

Dec: **-63°01'60"**

Const: **Cen**

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

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

Indicate NORTH with arrow

NOTES

Personal Sky Atlas chart 50



CALDWELL OBJECT 0102 NGC 6744, ESO 104 42

OBSERVATION LOG

Observer:

Date:

Time:

OBJECT

Name: **NGC 6744, ESO 104 42**

R.A.: **19h09m48s**

Dec: **-63°50'60"**

Const: **Pav**

Type: **GXY**

Magnitude: **8.3**

Size: **16x10**

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

Personal Sky Atlas chart 70



CALDWELL OBJECT 0104
NGC 2070, Tarantula Nebula

OBSERVATION LOG

Observer:

Date:

Time:

OBJECT

Name: **NGC 2070, Tarantula Nebula**

R.A.: **05h38m42s**

Dec: **-69°05'60"**

Const: **Dor**

Type: **BNE**

Magnitude: **9.9**

Size: **40x25**

OBSERVING SITE

Location:

Latitude:

Longitude:

Elevation:

SKY

Darkness/SQM:

Wind Speed:

Temperature:

Seeing:

Wind Dir:

Humidity:

TELESCOPE

OTA:

FL:

f/

Type:

Mount:

Slew Control:

Navigation Aid:

IMAGER

Eyepiece:

FOV:

Type:

Barlow:

Net Mag:

Camera:

Type:

ASA:

Guider:

Exp time:

Exp count:

Dark frame:

Bias frame:

Software:

OBSERVATIONS

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

Indicate NORTH with arrow

NOTES

Personal Sky Atlas chart 20



CALDWELL OBJECT 0105

NGC 362,

OBSERVATION LOG

Observer:

Date:

Time:

OBJECT

Name: NGC 362,	Dec: -70°50'54"	Const: Tuc
R.A.: 01h03m14s	Magnitude: 6.6	Size: 13
Type: GCL		

OBSERVING SITE

Location:

Latitude:	Longitude:	Elevation:
-----------	------------	------------

SKY

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

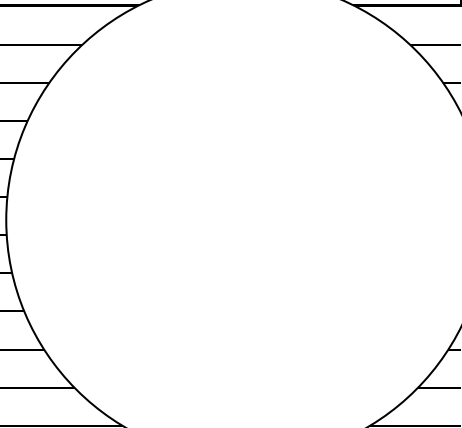
TELESCOPE

OTA:	FL:	<i>f/</i>	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

Personal Sky Atlas chart 10



CALDWELL OBJECT 0106

NGC 4833,

OBSERVATION LOG

Observer:

Date:

Time:

OBJECT

Name: **NGC 4833**,
 R.A.: **12h59m36s**
 Type: **GCL**

Dec: **-70°52'60"**
 Magnitude: **7.3**

Const: **Mus**
 Size: **14**

OBSERVING SITE

Location:

Latitude:

Longitude:

Elevation:

SKY

Darkness/SQM:
 Seeing:

Wind Speed:
 Wind Dir:

Temperature:
 Humidity:

TELESCOPE

OTA:

FL:

f/
 Navigation Aid:

Type:

Mount:

Slew Control:

IMAGER

Eyepiece:

FOV:

Type:

Barlow:

Net Mag:

Camera:

Type:

ASA:

Guider:

Exp time:

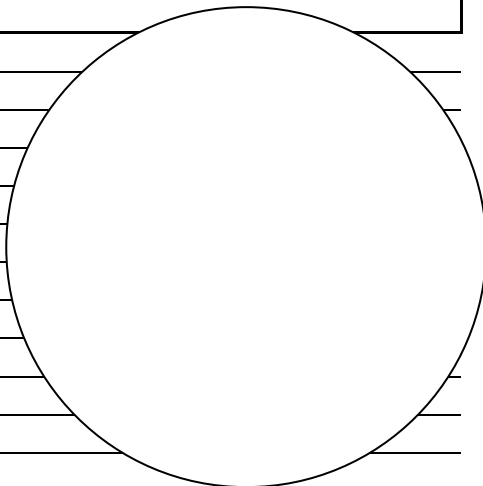
Exp count:

Dark frame:

Bias frame:

Software:

OBSERVATIONS



Indicate NORTH with arrow

NOTES

Personal Sky Atlas chart 50



