





CARBON STAR 0003  
**SAO 109003 (Pisces)**

*OBSERVATION LOG*

Observer:

Date:

Time:

**OBJECT**

Name: **SAO 109003 (Pisces)**

R.A.: **00h 05m 22s**

Dec: **+08° 47' 16"**

Const: **Psc**

Type: **Carbon Star**

Magnitude: **8.2 - 8.3**

Size: **?**

**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 circular field of view on the right side.

Indicate NORTH with arrow

**NOTES**

GSC 594: 778

Class C (G4V)



# CARBON STAR 0004

## VX Andromedae

### OBSERVATION LOG

Observer:

Date:

Time:

#### OBJECT

Name: **VX Andromedae**

R.A.: **00h 19m 54s**

Type: **Carbon Star**

Dec: **+44° 42' 33"**

Magnitude: **7.8 - 9.3**

Const: **And**

Size: **369**

#### 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:

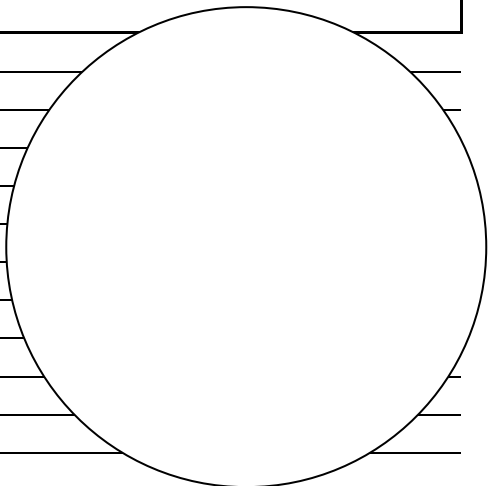
Barlow:

Guider:

Software:

Net Mag:

#### OBSERVATIONS

Indicate NORTH with arrow

#### NOTES

GSC 2794:14

Class C4 (N7)



# CARBON STAR 0005

# AQ Andromedae

## *OBSERVATION LOG*

Observer:

Date:

Time:

### OBJECT

<b>Name: AQ Andromedae</b>		
R.A.: <b>00h 27m 31s</b>	Dec: <b>+35° 35' 14"</b>	Const: <b>And</b>
Type: <b>Carbon Star</b>	Magnitude: <b>6.9 - 8.6</b>	Size: <b>346</b>

### OBSERVING SITE

Location:

Latitude:	Longitude:	Elevation:
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### SKY

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

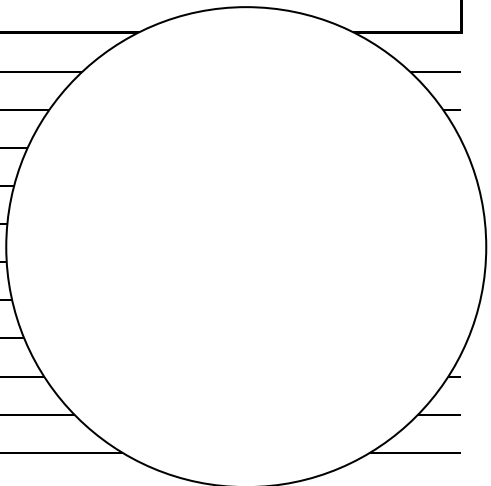
### TELESCOPE

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

GSC 2270: 318  
Class C5 (Nb)



CARBON STAR 0006  
**NSV 15196 (Andromeda)**

*OBSERVATION LOG*

Observer:

Date:

Time:

**OBJECT**

Name: **NSV 15196 (Andromeda)**

R.A.: **00h 54m 13s**

Dec: **+24° 04' 01"**

Const: **And**

Type: **Carbon Star**

Magnitude: **8.3 - 8.7**

Size: **755**

**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**

SAO 74353

Class C1 (Rp)



# CARBON STAR 0007

# W Cassiopeiae

## OBSERVATION LOG

Observer:

Date:

Time:

### OBJECT

Name: **W Cassiopeiae**

R.A.: **00h 54m 53s**

Type: **Carbon Star**

Dec: **+58° 33' 49"**

Magnitude: **7.8 - 12.5**

Const: **Cas**

Size: **406**

### 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 area with a large circular field for sketches or drawings.

Indicate NORTH with arrow

### NOTES

GSC 368: 1824

Class C7



# CARBON STAR 0008

## Z Piscium

### OBSERVATION LOG

Observer:

Date:

Time:

#### OBJECT

Name: **Z Piscium**

R.A.: **01h 16m 05s**

Dec: **+25° 46' 09"**

Const: **Psc**

Type: **Carbon Star**

Magnitude: **6.5 - 7.9**

Size: **144**

#### 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 table with multiple rows and columns, partially obscured by a large circular diagram.

Indicate NORTH with arrow

#### NOTES

SAO 74593

Class C7 (NO)



# CARBON STAR 0009

## V Arietis

### OBSERVATION LOG

Observer:

Date:

Time:

#### OBJECT

Name: **V Arietis**

R.A.: **02h 15m 00s**

Type: **Carbon Star**

Dec: **+12° 14' 23"**

Magnitude: **8.3 - 10.8**

Const: **Ari**

Size: **77**

#### 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


Indicate NORTH with arrow

#### NOTES

SAO 92853

Class C4 (R8)



# CARBON STAR 0010

# SAO 129989 (Cetus)

## OBSERVATION LOG

Observer:

Date:

Time:

### OBJECT

Name: **SAO 129989 (Cetus)**

R.A.: **02h 35m 06s**

Dec: **-09° 26' 34"**

Const: **Cet**

Type: **Carbon Star**

Magnitude: **8.2 - 8.5**

Size: **?**

### 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:

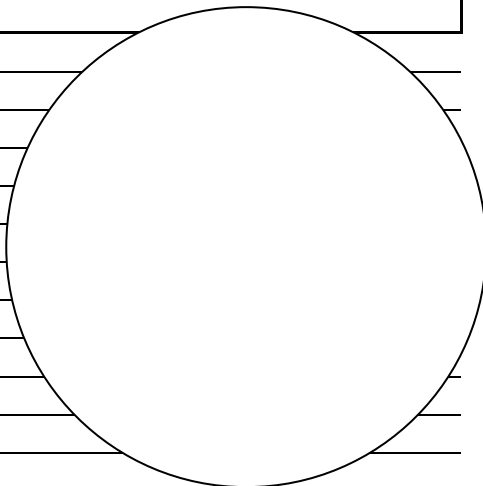
Exp count:

Dark frame:

Bias frame:

Software:

### OBSERVATIONS

Indicate NORTH with arrow

### NOTES

GSC 5285:3

Class C2 (R3)



# CARBON STAR 0011 UY Andromedae

## OBSERVATION LOG

Observer:

Date:

Time:

**OBJECT**

Name: **UY Andromedae**  
R.A.: **02h 38m 23s** Dec: **+39° 10' 09"** Const: **And**  
Type: **Carbon Star** Magnitude: **7.4 - 12.3** Size: **?**

**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**

GSC 2832:2  
Class C5 (N3)



# CARBON STAR 0012

## V623 Cassiopeiae

### OBSERVATION LOG

Observer:

Date:

Time:

#### OBJECT

Name: **V623 Cassiopeiae**

R.A.: **03h 11m 25s**

Dec: **+57° 54' 11"**

Const: **Cas**

Type: **Carbon Star**

Magnitude: **7.3 - 8.1**

Size: **?**

#### 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:

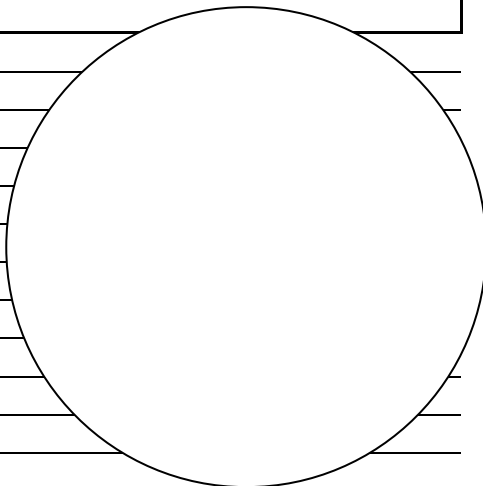
Exp count:

Dark frame:

Bias frame:

Software:

#### OBSERVATIONS

Indicate NORTH with arrow

#### NOTES

SAO 23858

Class C4 (R5)



# CARBON STAR 0013

## Y Persei

### OBSERVATION LOG

Observer:

Date:

Time:

#### OBJECT

Name: **Y Persei**

R.A.: **03h 27m 42s**

Type: **Carbon Star**

Dec: **+44° 10' 36"**

Magnitude: **8.1-11.3**

Const: **Per**

Size: **249**

#### 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:

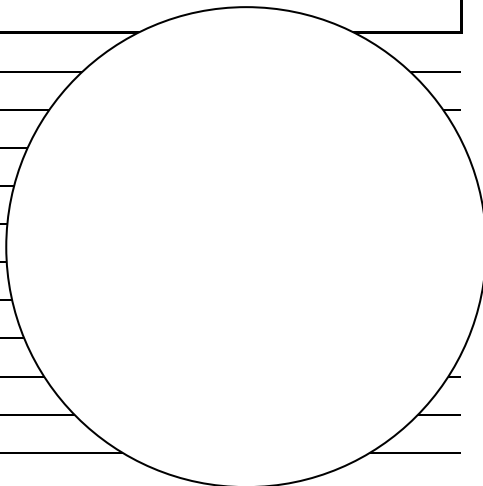
Barlow:

Guider:

Software:

Net Mag:

#### OBSERVATIONS

Indicate NORTH with arrow

#### NOTES

GSC 2873: 1287

Class C4 (R4)



# CARBON STAR 0014

## V466 Persei

### *OBSERVATION LOG*

Observer:

Date:

Time:

**OBJECT**

Name: **V466 Persei**  
 R.A.: **03h 41m 29s**                      Dec: **+51° 30' 11"**                      Const: **Per**  
 Type: **Carbon Star**                      Magnitude: **8.4 - 8.9**                      Size: **?**

**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**

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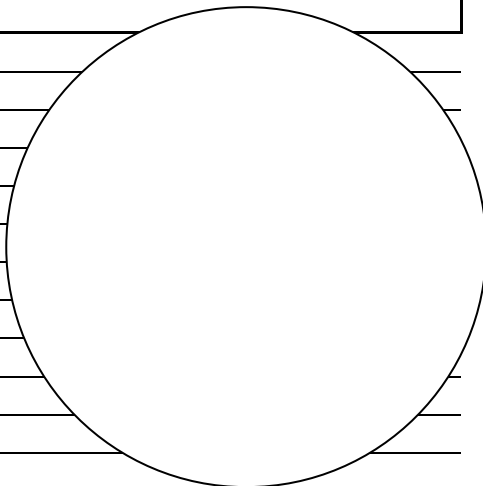
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Indicate NORTH with arrow

**NOTES**

NSV 1223  
 Class C5 (N5)



# CARBON STAR 0015

# V Camelopardalis

## OBSERVATION LOG

Observer:

Date:

Time:

### OBJECT

Name: **V Camelopardalis**

R.A.: **03h 41m 48s**

Dec: **+62° 38' 54"**

Const: **Cam**

Type: **Carbon Star**

Magnitude: **6.9 - 7.6**

Size: **?**

### 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:

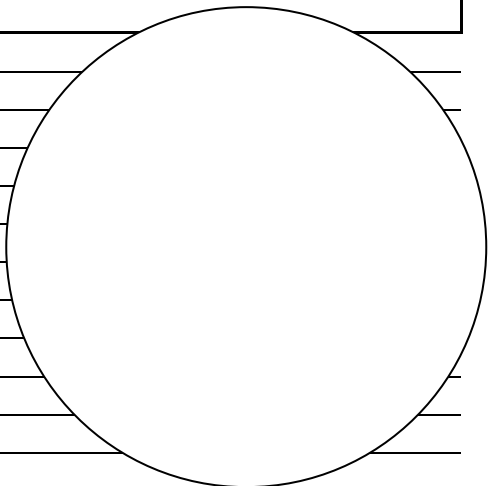
Exp count:

Dark frame:

Bias frame:

Software:

### OBSERVATIONS

Indicate NORTH with arrow

### NOTES

SAO 12870

Class C3 - C6 (N5)



CARBON STAR 0016  
**UV Camelopardalis**

*OBSERVATION LOG*

Observer:

Date:

Time:

**OBJECT**

Name: **UV Camelopardalis**

R.A.: **04h 05m 53s**

Dec: **+61° 47' 39"**

Const: **Cam**

Type: **Carbon Star**

Magnitude: **7.5-8.1**

Size: **294**

**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:

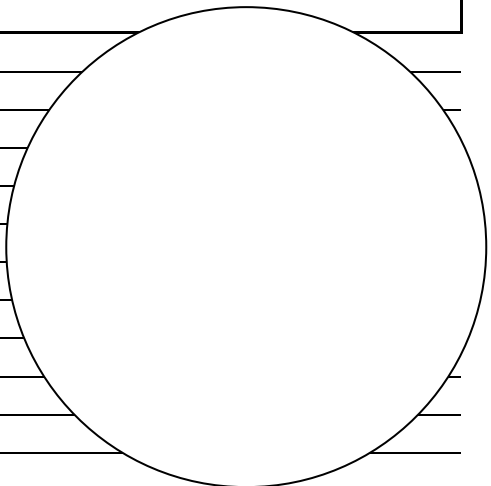
Exp count:

Dark frame:

Bias frame:

Software:

**OBSERVATIONS**

Indicate NORTH with arrow

**NOTES**

SAO 13009

Class C5 (R8)



# CARBON STAR 0017

## XX Camelopardalis

### OBSERVATION LOG

Observer:

Date:

Time:

#### OBJECT

Name: **XX Camelopardalis**

R.A.: **04h 08m 38s**

Dec: **+53° 21' 39"**

Const: **Cam**

Type: **Carbon Star**

Magnitude: **7.1 - 10.0**

Size: **?**

#### 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:

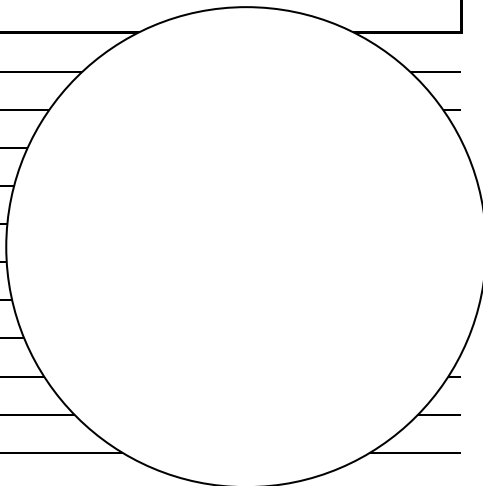
Exp count:

Dark frame:

Bias frame:

Software:

#### OBSERVATIONS

Indicate NORTH with arrow

#### NOTES

SAO 24431

Class CO - C2 (G1)



# CARBON STAR 0018

## ST Camelopardalis

### OBSERVATION LOG

Observer:

Date:

Time:

#### OBJECT

Name: **ST Camelopardalis**

R.A.: **04h 51m 13s**

Dec: **+68° 10' 07"**

Const: **Cam**

Type: **Carbon Star**

Magnitude: **6.7 - 8.4**

Size: **300**

#### 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:

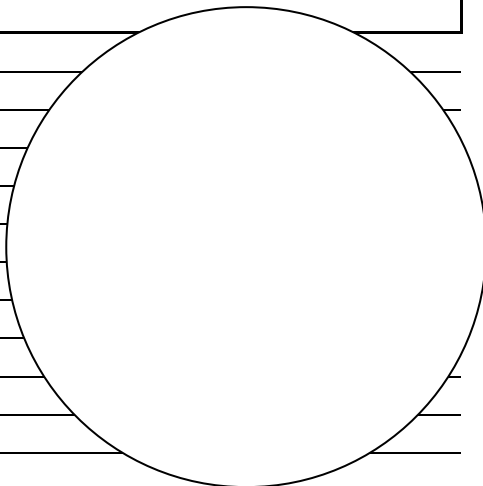
Exp count:

Dark frame:

Bias frame:

Software:

#### OBSERVATIONS

Indicate NORTH with arrow

#### NOTES

SAO 13285

Class C5 (N5)



# CARBON STAR 0019

# TT Tauri

## OBSERVATION LOG

Observer:

Date:

Time:

### OBJECT

Name: **TT Tauri**

R.A.: **04h 51m 31s**

Type: **Carbon Star**

Dec: **+28° 31' 36"**

Magnitude: **7.7 - 10.0**

Const: **TAU**

Size: **167**

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

Indicate NORTH with arrow

### NOTES

SAO 76788

Class C4 - C7 (N3)



# CARBON STAR 0020

## R Leporis

### OBSERVATION LOG

Observer:

Date:

Time:

#### OBJECT

Name: **R Leporis**

R.A.: **04h 59m 36s**

Type: **Carbon Star**

Dec: **-14° 48' 22"**

Magnitude: **5.5 -11.7**

Const: **Lep**

Size: **427**

#### 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:

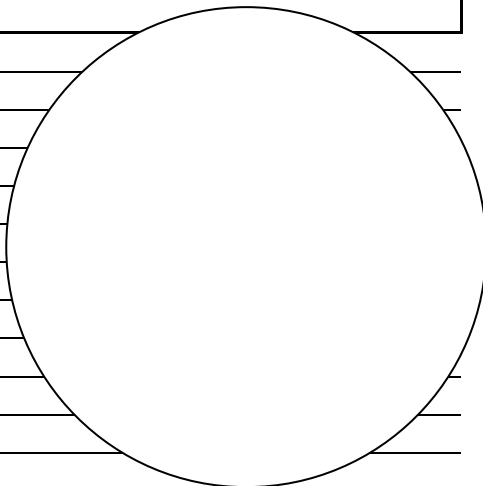
Barlow:

Guider:

Software:

Net Mag:

#### OBSERVATIONS

Indicate NORTH with arrow

#### NOTES

SAO 150058

Class C7 (N6)



# CARBON STAR 0021

## EL Aurigae

### OBSERVATION LOG

Observer:

Date:

Time:

#### OBJECT

Name: **EL Aurigae**  
 R.A.: **05h 03m 23s**  
 Type: **Carbon Star**

Dec: **+50° 37' 58"**  
 Magnitude: **8.5 - 8.7**

Const: **Aur**  
 Size: **Irregular**

#### 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:

FOV:

Type:

Barlow:

Net Mag:

Camera:

Type:

ASA:

Guider:

Exp time:

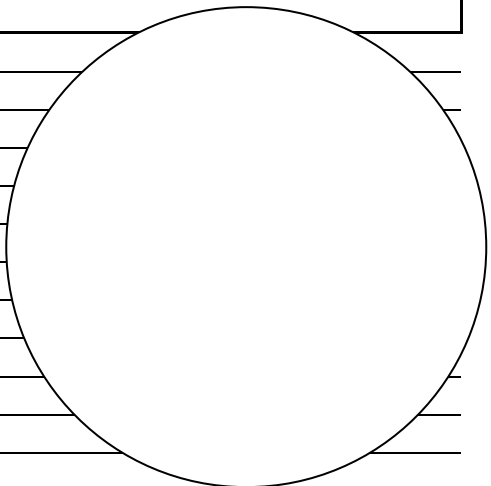
Exp count:

Dark frame:

Bias frame:

Software:

#### OBSERVATIONS

Indicate NORTH with arrow

#### NOTES

SAO 24981  
 Class C5 (N3)





# CARBON STAR 0023

# TX Aurigae

## OBSERVATION LOG

Observer:

Date:

Time:

### OBJECT

<b>Name: TX Aurigae</b>		
R.A.: <b>05h 09m 05s</b>	Dec: <b>+39° 00' 08"</b>	Const: <b>Aur</b>
Type: <b>Carbon Star</b>	Magnitude: <b>8.5 - 9.2</b>	Size: <b>Irregular</b>

### OBSERVING SITE

Location:  
 Latitude: \_\_\_\_\_ Longitude: \_\_\_\_\_ Elevation: \_\_\_\_\_

### SKY

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

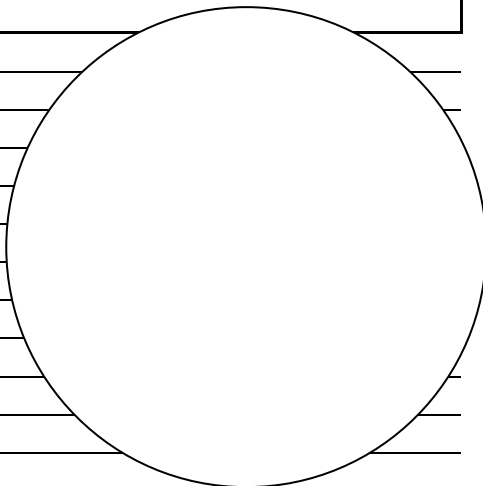
### TELESCOPE

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

GSC 2895:203  
 Class C5 (N3)



# CARBON STAR 0024

## SY Eridani

### OBSERVATION LOG

Observer:

Date:

Time:

#### OBJECT

Name: **SY Eridani**  
R.A.: **05h 09m 48s**  
Type: **Carbon Star**

Dec: **-05° 30' 55"**  
Magnitude: **8.3 - 10.0**

Const: **Eri**  
Size: **96**

#### 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:

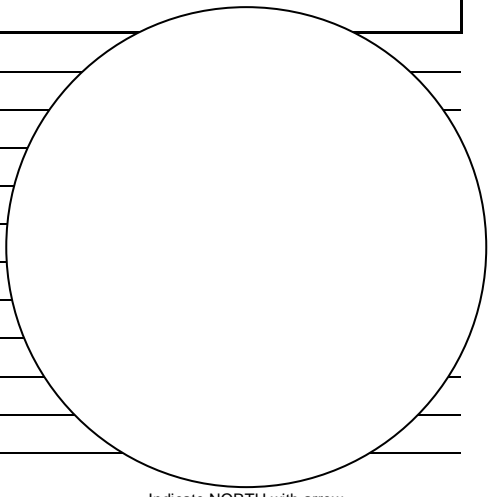
Barlow:

Guider:

Software:

Net Mag:

#### OBSERVATIONS

Indicate NORTH with arrow

#### NOTES

SAO 131832  
Class C6 (NO)



# CARBON STAR 0025

## UV Aurigae

### OBSERVATION LOG

Observer:

Date:

Time:

#### OBJECT

Name: **UV Aurigae**  
 R.A.: **05h 21m 48s** Dec: **+32° 30' 43"** Const: **Aur**  
 Type: **Carbon Star** Magnitude: **7.4 - 10.6** Size: **394**

#### 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

SAO 57941  
 Class C6 - C8 (Ne)



# CARBON STAR 0026

## S Aurigae

### OBSERVATION LOG

Observer:

Date:

Time:

#### OBJECT

Name: **S Aurigae**

R.A.: **05h 27m 07s**

Type: **Carbon Star**

Dec: **+34° 08' 59"**

Magnitude: **8.2 - 13.3**

Const: **Aur**

Size: **590**

#### 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:

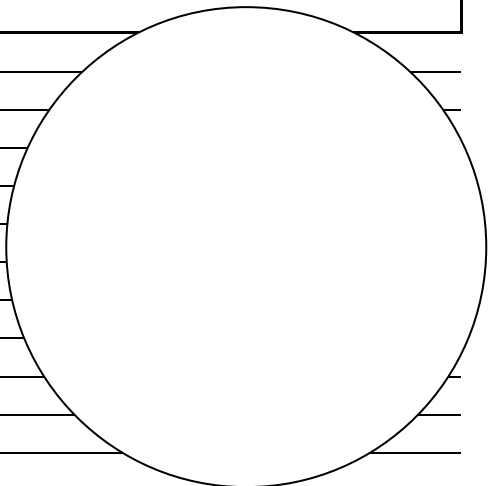
Barlow:

Guider:

Software:

Net Mag:

#### OBSERVATIONS

Indicate NORTH with arrow

#### NOTES

GSC 2411:222

Class C4/5 (N3)



# CARBON STAR 0027

# RT Orionis

## OBSERVATION LOG

Observer:

Date:

Time:

### OBJECT

Name: **RT Orionis**

R.A.: **05h 33m 13s**

Type: **Carbon Star**

Dec: **+07° 09' 12"**

Magnitude: **8.0 - 8.9**

Const: **Ori**

Size: **321**

### 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

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Indicate NORTH with arrow

### NOTES

GSC 126:161

Class C6 (Nb)



CARBON STAR 0028  
**S Camelopardalis**  
*OBSERVATION LOG*

Observer:

Date:

Time:

**OBJECT**

Name: **S Camelopardalis**

R.A.: **05h 41m 02s**

Dec: **+68° 47' 55"**

Const: **Cam**

Type: **Carbon Star**

Magnitude: **7.7 -11.6**

Size: **327**

**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:

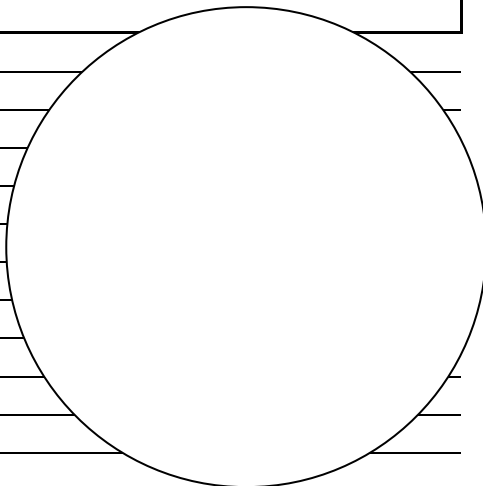
Exp count:

Dark frame:

Bias frame:

Software:

**OBSERVATIONS**

Indicate NORTH with arrow

**NOTES**

SAO 13563

Class C7 (R8)



# CARBON STAR 0029

## TV Tauri

### *OBSERVATION LOG*

Observer:

Date:

Time:

#### OBJECT

**Name: TV Tauri**  
**R.A.: 05h 45m 13s**    **Dec: +24° 25' 12"**    **Const: Tau**  
**Type: Carbon Star**    **Magnitude: 5.9 - 9.2**    **Size: 190**

#### OBSERVING SITE

Location:  
 Latitude:    Longitude:    Elevation:

#### SKY

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

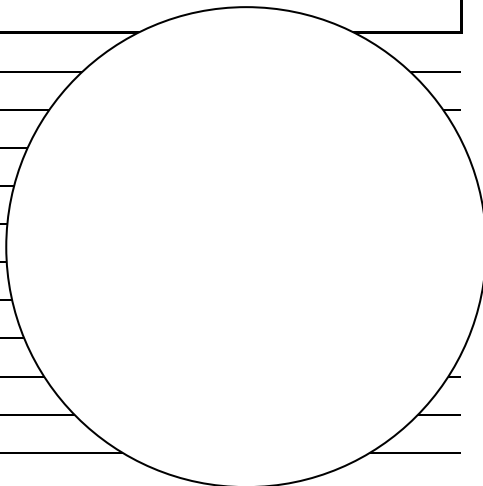
#### TELESCOPE

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

SAO 77502  
 Class C5 (N3)



# CARBON STAR 0030

# Y Tauri

## OBSERVATION LOG

Observer:

Date:

Time:

### OBJECT

Name: **Y Tauri**

R.A.: **05h 45m 39s**

Type: **Carbon Star**

Dec: **+20° 41' 42"**

Magnitude: **6.5 - 9.2**

Const: **Tau**

Size: **242**

### 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:

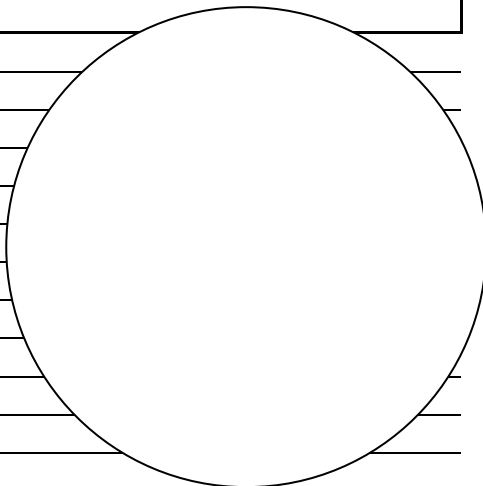
Barlow:

Guider:

Software:

Net Mag:

### OBSERVATIONS

Indicate NORTH with arrow

### NOTES

SAO 77516

Class C6.5 (N3)



# CARBON STAR 0031

# FV Aurigae

## OBSERVATION LOG

Observer:

Date:

Time:

### OBJECT

Name: **FV Aurigae**  
 R.A.: **05h 48m 08s**  
 Type: **Carbon Star**

Dec: **+30° 37' 51"**  
 Magnitude: **8.3 - 8.5**

Const: **Aur**  
 Size: **?**

### 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:

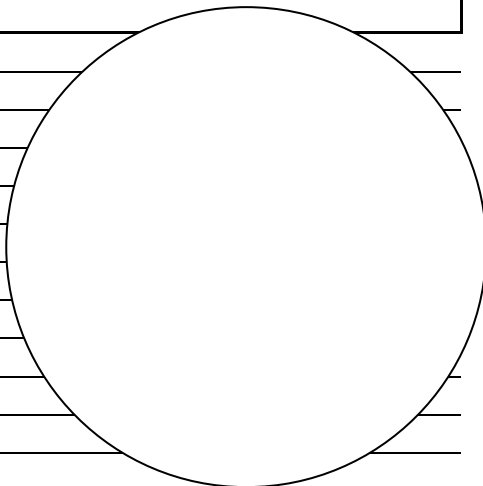
Type:  
 Exp count:

FOV:  
 Dark frame:  
 Bias frame:

Type:  
 ASA:  
 Software:

Barlow: Net Mag:  
 Guider:

### OBSERVATIONS

Indicate NORTH with arrow

### NOTES

SAO 58449  
 Class C7 (NO)



CARBON STAR 0032  
**TV Geminorum**  
*OBSERVATION LOG*

Observer:

Date:

Time:

**OBJECT**

Name: **TV Geminorum**

R.A.: **06h 10m 53s**

Dec: **+26° 00' 53"**

Const: **Gei**

Type: **Carbon Star**

Magnitude: **7.4 - 8.4**

Size: **230**

**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 section with a large circular field for drawing or notes.

Indicate NORTH with arrow

**NOTES**

SAO 78066

Class C6 (N3)





CARBON STAR 0034  
**V Aurigae**  
*OBSERVATION LOG*

Observer:

Date:

Time:

**OBJECT**

Name: **V Aurigae**  
R.A.: **06h 24m 02s**  
Type: **Carbon Star**

Dec: **+47° 42' 23"**  
Magnitude: **8.5 - 13.0**

Const: **Aur**  
Size: **353**

**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**

Horizontal lines for observation notes, partially obscured by a large circular graphic on the right side.

Indicate NORTH with arrow

**NOTES**

GSC 3380:1119  
Class C6 (N3)



# CARBON STAR 0035

## BL Orionis

### *OBSERVATION LOG*

Observer:

Date:

Time:

#### OBJECT

<b>Name: BL Orionis</b>	Dec: <b>+14° 43' 19"</b>	Const: <b>Ori</b>
R.A.: <b>06h 25m 28s</b>	Magnitude: <b>6.0 - 7.0</b>	Size: <b>154</b>
Type: <b>Carbon Star</b>		

#### 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

SAO 95659  
Class C6 (Nb, Tc)







CARBON STAR 0038  
**GY Monocerotis**  
*OBSERVATION LOG*

Observer:

Date:

Time:

**OBJECT**

Name: **GY Monocerotis**

R.A.: **06h 53m 11s**

Dec: **-04° 34' 34"**

Const: **Mon**

Type: **Carbon Star**

Magnitude: **8.1 - 9.0**

Size: **Irregular**

**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 circular field of view (FOV) diagram on the right side.

Indicate NORTH with arrow

**NOTES**

SAO 133825

Class C6 (N3/R8)



**CARBON STAR 0039**  
**RV Monocerotis**

*OBSERVATION LOG*

Observer:

Date:

Time:

**OBJECT**

Name: **RV Monocerotis**

R.A.: **06h 58m 21s**

Type: **Carbon Star**

Dec: **+06° 10' 01"**

Magnitude: **7.0 - 8.9**

Const: **Mon**

Size: **132**

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

Indicate NORTH with arrow

**NOTES**

SAO 114704

Class C4 - C6



# CARBON STAR 0040

## V614 Monocerotis

### OBSERVATION LOG

Observer:

Date:

Time:

#### OBJECT

Name: **V614 Monocerotis**

R.A.: **07h 01m 01s**

Dec: **-03° 15' 09"**

Const: **Mon**

Type: **Carbon Star**

Magnitude: **7.0 -7.4**

Size: **60**

#### 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:

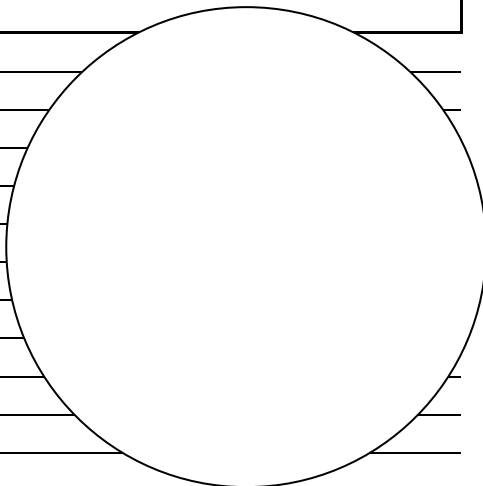
Exp count:

Dark frame:

Bias frame:

Software:

#### OBSERVATIONS

Indicate NORTH with arrow

#### NOTES

SAO 134049

Class C4 (R5)



# CARBON STAR 0041 RY Monocerotis

## OBSERVATION LOG

Observer:

Date:

Time:

### OBJECT

Name: **RY Monocerotis**

R.A.: **07h 06m 56s**

Dec: **-07° 33' 26"**

Const: **Mon**

Type: **Carbon Star**

Magnitude: **7.5 - 9.2**

Size: **456**

### 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:

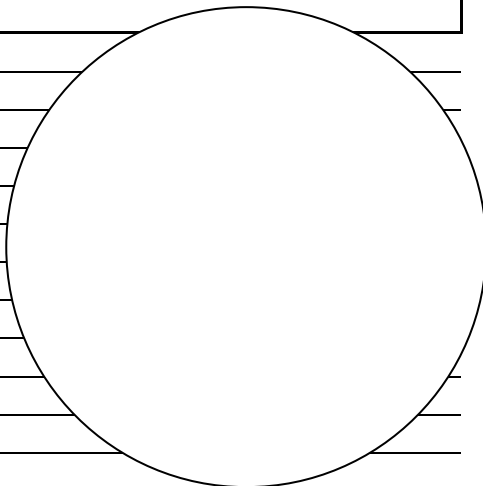
Exp count:

Dark frame:

Bias frame:

Software:

### OBSERVATIONS

Indicate NORTH with arrow

### NOTES

GSC 5381:403

Class C5 - C7 (N5/R)



# CARBON STAR 0042 W Canis Majoris

## OBSERVATION LOG

Observer:

Date:

Time:

### OBJECT

Name: **W Canis Majoris**

R.A.: **07h 08m 03s**

Type: **Carbon Star**

Dec: **-11° 55' 23"**

Magnitude: **6.4 -7.9**

Const: **Cma**

Size: **Irregular**

### 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


Indicate NORTH with arrow

### NOTES

SAO 152427

Class C6 (N)



# CARBON STAR 0043

# R Canis Minoris

## OBSERVATION LOG

Observer:

Date:

Time:

### OBJECT

**Name:** R Canis Minoris  
**R.A.:** 07h 08m 42s                      **Dec:** +10° 01' 26"                      **Const:** Cmi  
**Type:** Carbon Star                      **Magnitude:** 7.3 -11.6                      **Size:** 338

### 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

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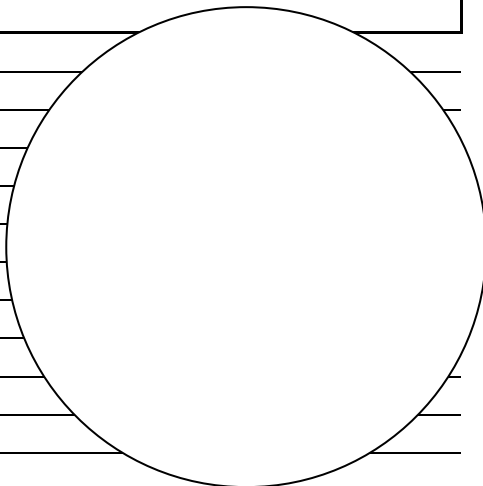
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Indicate NORTH with arrow

### NOTES

SAO 96548  
 Class C7 (CSep)





# CARBON STAR 0045

# RU Camelopardalis

## OBSERVATION LOG

Observer:

Date:

Time:

**OBJECT**

**Name: RU Camelopardalis**  
**R.A.: 07h 21m 44s**                      **Dec: +69° 40' 14"**                      **Const: Cam**  
**Type: Carbon Star**                      **Magnitude: 8.1-9.8**                      **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**

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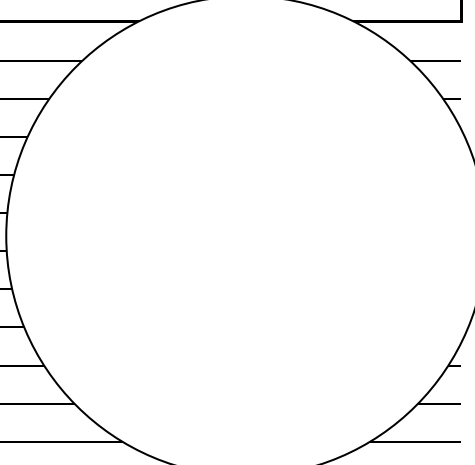
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Indicate NORTH with arrow

**NOTES**

SAO 14157  
 Class CO - C3 (KO - RO)



# CARBON STAR 0046

## NQ Geminorum

### OBSERVATION LOG

Observer:

Date:

Time:

#### OBJECT

Name: **NQ Geminorum**

R.A.: **07h 31m 54s**

Type: **Carbon Star**

Dec: **+24° 30' 12"**

Magnitude: **7.4 - 8.0**

Const: **Gem**

Size: **70**

#### 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

Indicate NORTH with arrow

#### NOTES

SAO 79474

Class C6 (R9)



# CARBON STAR 0047

## RU Puppis

### OBSERVATION LOG

Observer:

Date:

Time:

**OBJECT**

Name: **RU Puppis**  
 R.A.: **08h 07m 29s**      Dec: **-22° 54' 45"**      Const: **Pup**  
 Type: **Carbon Star**      Magnitude: **8.1-11.1**      Size: **425**

**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**

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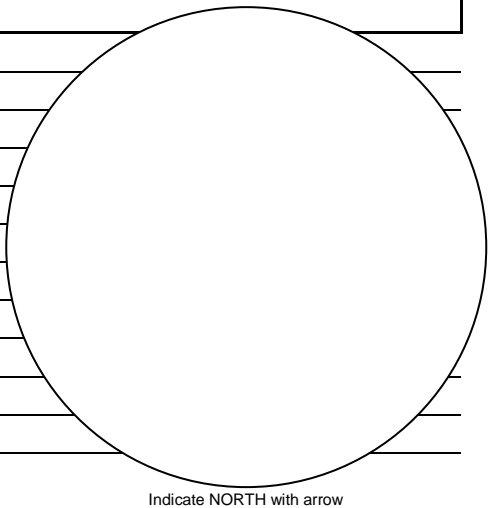
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Indicate NORTH with arrow

**NOTES**

SAO 175215  
 Class C5 (N3)



# CARBON STAR 0048

## X Cancri

### OBSERVATION LOG

Observer:

Date:

Time:

#### OBJECT

Name: **X Cancri**

R.A.: **08h 55m 22s**

Type: **Carbon Star**

Dec: **+17° 13' 52"**

Magnitude: **5.6 - 7.5**

Const: **Cnc**

Size: **195**

#### 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:

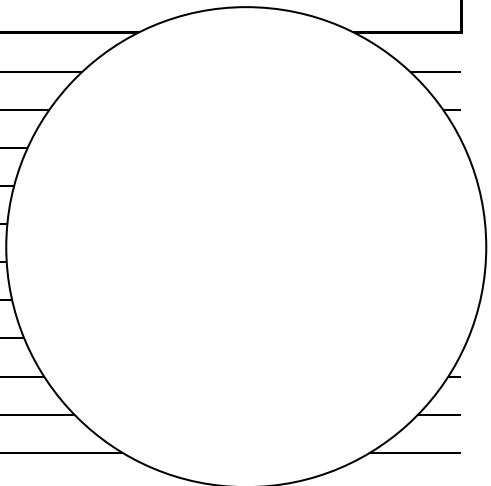
Barlow:

Guider:

Software:

Net Mag:

#### OBSERVATIONS

Indicate NORTH with arrow

#### NOTES

SAO 98230

Class C5 (N3)





CARBON STAR 0050  
**Y Hydrae**

*OBSERVATION LOG*

Observer:

Date:

Time:

**OBJECT**

Name: **Y Hydrae**  
R.A.: **09h 51m 03s**  
Type: **Carbon Star**

Dec: **-23° 01' 02"**  
Magnitude: **6.5 - 9.0**

Const: **Hya**  
Size: **303**

**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:

FOV:

Type:

Barlow:

Net Mag:

Camera:

Type:

ASA:

Guider:

Exp time:

Exp count:

Dark frame:

Bias frame:

Software:

**OBSERVATIONS**

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

Indicate NORTH with arrow

**NOTES**

SAO 178088  
Class C5 (N3)



CARBON STAR 0051  
**U Hydrae**  
*OBSERVATION LOG*

Observer:

Date:

Time:

**OBJECT**

Name: **U Hydrae**  
R.A.: **10h 37m 33s**  
Type: **Carbon Star**

Dec: **-13° 23' 04"**  
Magnitude: **4.5 - 6.2**

Const: **Hya**  
Size: **450**

**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:

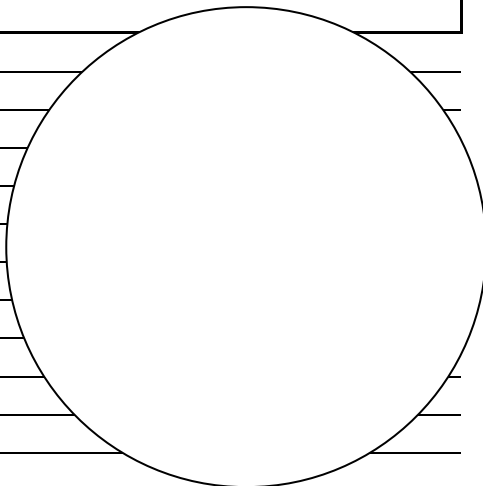
Barlow:

Guider:

Software:

Net Mag:

**OBSERVATIONS**

Indicate NORTH with arrow

**NOTES**

SAO 156110  
Class C6.5 (N2)



# CARBON STAR 0052 VY Ursae Majoris

## OBSERVATION LOG

Observer: \_\_\_\_\_

Date: \_\_\_\_\_

Time: \_\_\_\_\_

### OBJECT

Name: **VY Ursae Majoris**

R.A.: **10h 45m 04s**

Dec: **+67° 24' 40"**

Const: **UMa**

Type: **Carbon Star**

Magnitude: **5.9 - 7.0**

Size: **Irregular**

### OBSERVING SITE

Location: \_\_\_\_\_

Latitude: \_\_\_\_\_

Longitude: \_\_\_\_\_

Elevation: \_\_\_\_\_

### SKY

Darkness/SQM: \_\_\_\_\_

Wind Speed: \_\_\_\_\_

Temperature: \_\_\_\_\_

Seeing: \_\_\_\_\_

Wind Dir: \_\_\_\_\_

Humidity: \_\_\_\_\_

### TELESCOPE

OTA: \_\_\_\_\_

FL: \_\_\_\_\_

*f*/  
Navigation Aid: \_\_\_\_\_

Type: \_\_\_\_\_

Mount: \_\_\_\_\_

Slew Control: \_\_\_\_\_

### IMAGER

Eyepiece: \_\_\_\_\_

FOV: \_\_\_\_\_

Type: \_\_\_\_\_

Barlow: \_\_\_\_\_

Net Mag: \_\_\_\_\_

Camera: \_\_\_\_\_

Type: \_\_\_\_\_

ASA: \_\_\_\_\_

Guider: \_\_\_\_\_

Exp time: \_\_\_\_\_

Exp count: \_\_\_\_\_

Dark frame: \_\_\_\_\_

Bias frame: \_\_\_\_\_

Software: \_\_\_\_\_

### OBSERVATIONS


Indicate NORTH with arrow

### NOTES

SAO 15274  
Class C6 (NO)



# CARBON STAR 0053

# V Hydrae

## OBSERVATION LOG

Observer:

Date:

Time:

### OBJECT

Name: **V Hydrae**

R.A.: **10h 51m 37s**

Type: **Carbon Star**

Dec: **-21° 15' 00"**

Magnitude: **6.5 - 12.0**

Const: **Hya**

Size: **531**

### 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:

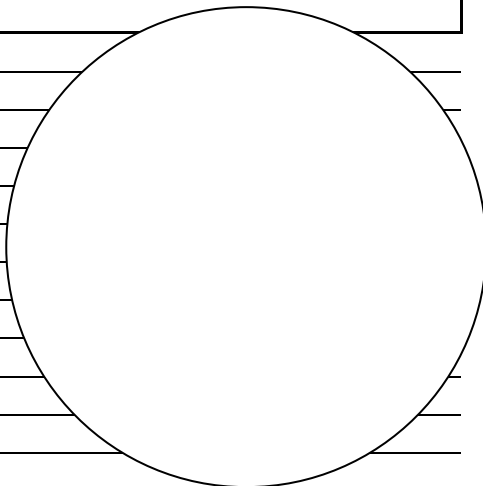
Barlow:

Guider:

Software:

Net Mag:

### OBSERVATIONS

Indicate NORTH with arrow

### NOTES

SAO 179278

Class C6- C7 (N6e)





CARBON STAR 0055  
**Y Canum Venaticorum**

*OBSERVATION LOG*

Observer:

Date:

Time:

**OBJECT**

Name: **Y Canum Venaticorum**

R.A.: **12h 45m 07s**

Dec: **+45° 26' 24"**

Const: **CVn**

Type: **Carbon Star**

Magnitude: **4.8 - 6.4**

Size: **157**

**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**

SAO 44317

Class C5 (N3)



# CARBON STAR 0056

# RY Draconis

## OBSERVATION LOG

Observer:

Date:

Time:

### OBJECT

Name: **RY Draconis**

R.A.: **12h 56m 25s**

Type: **Carbon Star**

Dec: **+65° 59' 39"**

Magnitude: **6.0 - 8.0**

Const: **Dra**

Size: **200**

### 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:

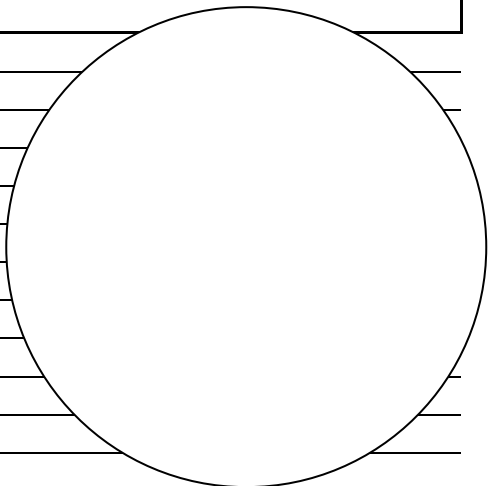
Barlow:

Guider:

Software:

Net Mag:

### OBSERVATIONS

Indicate NORTH with arrow

### NOTES

SAO 15945

Class C4 (N4p)



# CARBON STAR 0057

# SAO 157721 (Virgo)

## OBSERVATION LOG

Observer:

Date:

Time:

### OBJECT

Name: **SAO 157721 (Virgo)**

R.A.: **13h 06m 24s**

Dec: **-20° 03' 31"**

Const: **Vir**

Type: **Carbon Star**

Magnitude: **8.5 - 8.5**

Size: **?**

### 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:

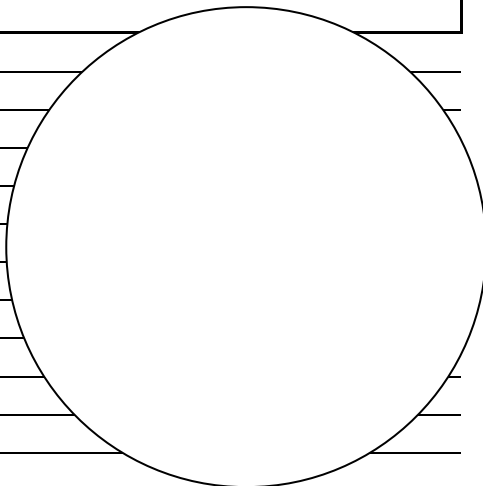
Exp count:

Dark frame:

Bias frame:

Software:

### OBSERVATIONS

Indicate NORTH with arrow

### NOTES

GSC 6118:1194

Class C2 (K5p)



CARBON STAR 0058  
**V Coronae Borealis**  
*OBSERVATION LOG*

Observer:

Date:

Time:

**OBJECT**

Name: **V Coronae Borealis**

R.A.: **15h 49m 31s**

Dec: **+39° 34' 17"**

Const: **CrB**

Type: **Carbon Star**

Magnitude: **6.9 - 12.6**

Size: **358**

**OBSERVING SITE**

Location:

Latitude:

Longitude:

Elevation:

**SKY**

Darkness/SQM:

Wind Speed:

Temperature:

Seeing:

Wind Dir:

Humidity:

**TELESCOPE**

OTA:

FL:

*f*/  
Navigation Aid:

Type:

Mount:

Slew Control:

**IMAGER**

Eyepiece:

FOV:

Type:

Barlow:

Net Mag:

Camera:

Type:

ASA:

Guider:

Exp time:

Exp count:

Dark frame:

Bias frame:

Software:

**OBSERVATIONS**

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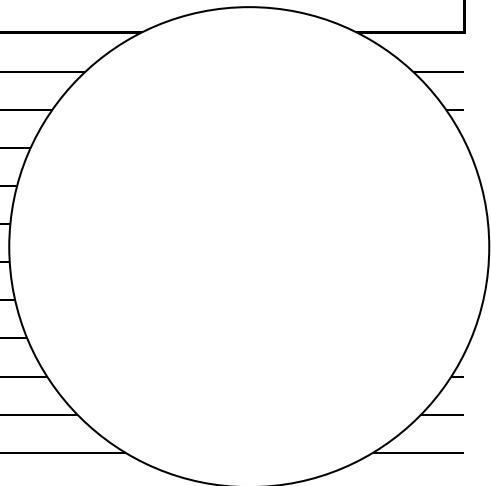
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Indicate NORTH with arrow

**NOTES**

SAO 64929

Class C6 (N2e)



# CARBON STAR 0059

# RR Herculis

## OBSERVATION LOG

Observer:

Date:

Time:

### OBJECT

Name: **RR Herculis**

R.A.: **16h 04m 13s**

Type: **Carbon Star**

Dec: **+50° 29' 56"**

Magnitude: **7.8 - 12.5**

Const: **Her**

Size: **240**

### 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


Indicate NORTH with arrow

### NOTES

SAO 29781

Class C5 - C8 (NOe)



# CARBON STAR 0060

## V Ophiuchi

### OBSERVATION LOG

Observer:

Date:

Time:

#### OBJECT

Name: **V Ophiuchi**  
R.A.: **16h 26m 43s**  
Type: **Carbon Star**

Dec: **-12° 25' 35"**  
Magnitude: **7.3 -11.6**

Const: **Oph**  
Size: **297**

#### 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:

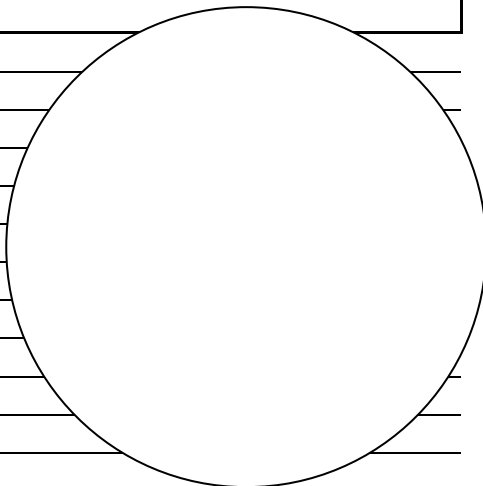
Barlow:

Guider:

Software:

Net Mag:

#### OBSERVATIONS

Indicate NORTH with arrow

#### NOTES

SAO 159916  
Class C5 - C7 (N3e)



# CARBON STAR 0061

## SAO 46574 (Hercules)

### OBSERVATION LOG

Observer:

Date:

Time:

**OBJECT**

Name: SAO 46574 (Hercules)

R.A.: 17h 13m 31s

Dec: +42° 06' 22"

Const: Her

Type: Carbon Star

Magnitude: 7.3 - 7.7

Size: ?

**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:

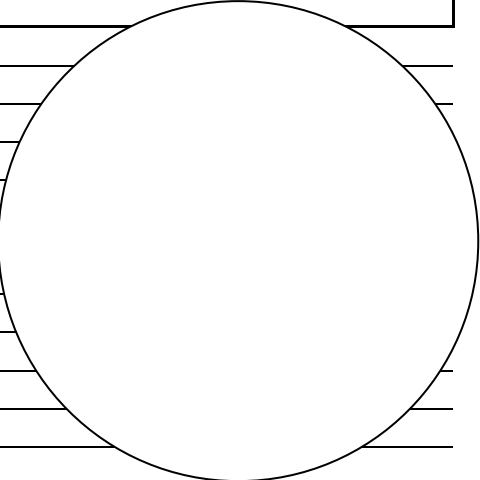
Exp count:

Dark frame:

Bias frame:

Software:

**OBSERVATIONS**

	 <p style="text-align: center; margin-top: 5px;">Indicate NORTH with arrow</p>

**NOTES**

GSC 3081:810  
Class C3 (RO)





# CARBON STAR 0063

## SZ Sagittarii

### OBSERVATION LOG

Observer:

Date:

Time:

#### OBJECT

Name: **SZ Sagittarii**

R.A.: **17h 44m 56s**

Type: **Carbon Star**

Dec: **-18° 39' 26"**

Magnitude: **8.2 - 9.2**

Const: **Sgr**

Size: **73**

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

Indicate NORTH with arrow

#### NOTES

SAO 160795

Class C7 (Nb)



# CARBON STAR 0064

## T Draconis

### *OBSERVATION LOG*

Observer:

Date:

Time:

#### OBJECT

Name: **T Draconis**

R.A.: **17h 56m 23s**

Type: **Carbon Star**

Dec: **+58° 13' 06"**

Magnitude: **7.2 - 13.5**

Const: **Dra**

Size: **422**

#### 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


Indicate NORTH with arrow

#### NOTES

GSC 3914:546

Class C6 - C8 (NOe)



**CARBON STAR 0065**  
**FO Serpentis**  
*OBSERVATION LOG*

Observer:

Date:

Time:

**OBJECT**

Name: **FO Serpentis**  
 R.A.: **18h 19m 21s**                      Dec: **-15° 36' 46"**                      Const: **Ser**  
 Type: **Carbon Star**                      Magnitude: **8.5 - 8.7**                      Size: **Irregular**

**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**

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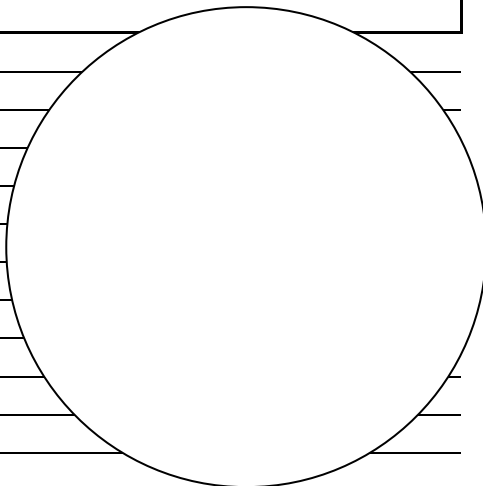
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Indicate NORTH with arrow

**NOTES**

SAO 161327  
 Class C4 (R6)



# CARBON STAR 0066

# AC Herculis

## OBSERVATION LOG

Observer:

Date:

Time:

### OBJECT

Name: **AC Herculis**  
 R.A.: **18h 30m 16s**  
 Type: **Carbon Star**

Dec: **+21° 52' 00"**  
 Magnitude: **6.9 - 9.0**

Const: **Her**  
 Size: **75**

### 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

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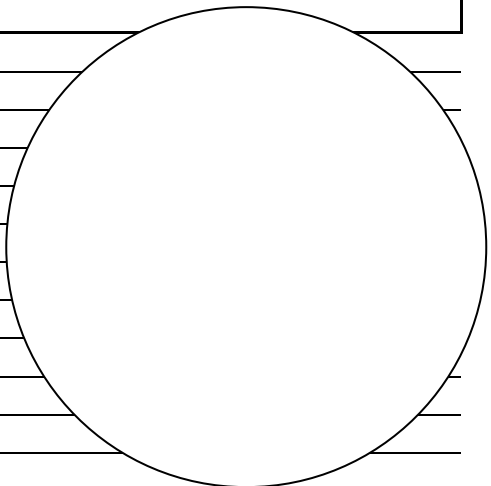
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Indicate NORTH with arrow

### NOTES

SAO 86134  
 Class CO (F2plb -K4e)





# CARBON STAR 0068

## HK Lyrae

### OBSERVATION LOG

Observer:

Date:

Time:

#### OBJECT

Name: **HK Lyrae**

R.A.: **18h 42m 50s**

Type: **Carbon Star**

Dec: **+36° 57' 30"**

Magnitude: **7.8 - 9.6**

Const: **Lyr**

Size: **Irregular**

#### 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:

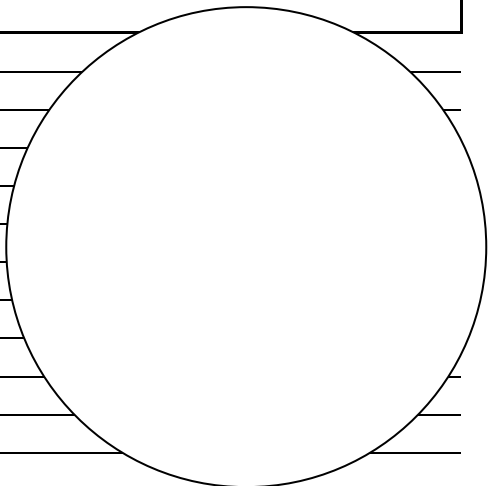
Barlow:

Guider:

Software:

Net Mag:

#### OBSERVATIONS

Indicate NORTH with arrow

#### NOTES

GSC 2649:507

Class C6 (N4)



# CARBON STAR 0069

## S Scuti

### OBSERVATION LOG

Observer:

Date:

Time:

#### OBJECT

Name: **S Scuti**

R.A.: **18h 50m 20s**

Type: **Carbon Star**

Dec: **-07° 54' 27"**

Magnitude: **6.3 - 9.0**

Const: **Sct**

Size: **148**

#### 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:

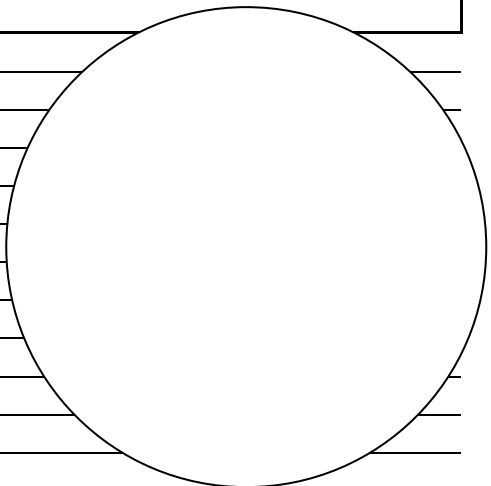
Barlow:

Guider:

Software:

Net Mag:

#### OBSERVATIONS

Indicate NORTH with arrow

#### NOTES

SAO 142674

Class C6 (N3)



# CARBON STAR 0070

# UV Aquilae

## *OBSERVATION LOG*

Observer:

Date:

Time:

**OBJECT**

Name: **UV Aquilae**  
 R.A.: **18h 58m 32s**      Dec: **+14° 21' 49"**      Const: **Aql**  
 Type: **Carbon Star**      Magnitude: **8.0 - 9.6**      Size: **386**

**OBSERVING SITE**

Location:  
 Latitude:    Longitude:    Elevation:

**SKY**

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

**TELESCOPE**

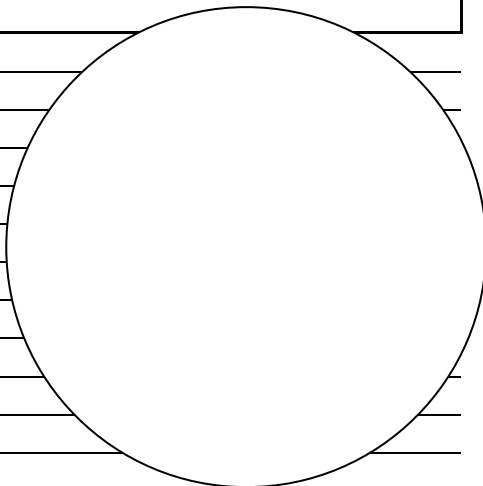
OTA:    FL:    f/    Type:    Mount:  
 Slew Control:    Navigation Aid:

**IMAGER**

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

**OBSERVATIONS**

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**NOTES**

GSC 1051:51  
 Class C5 (N4)



# CARBON STAR 0071

# V Aquilae

## OBSERVATION LOG

Observer:

Date:

Time:

### OBJECT

Name: **V Aquilae**

R.A.: **19h 04m 24s**

Type: **Carbon Star**

Dec: **-05° 41' 05"**

Magnitude: **6.6 - 8.4**

Const: **Aql**

Size: **353**

### 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:

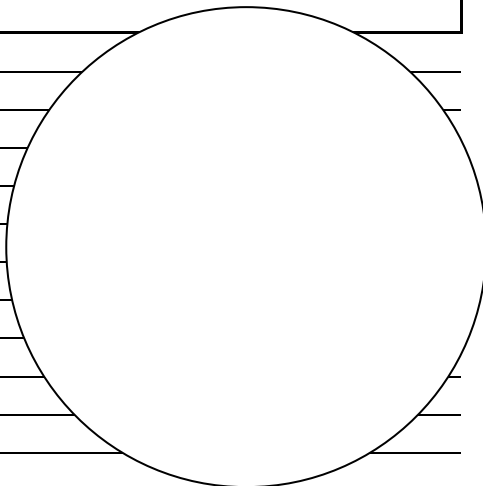
Barlow:

Guider:

Software:

Net Mag:

### OBSERVATIONS

Indicate NORTH with arrow

### NOTES

SAO 142985

Class C5 - C6 (N6)



CARBON STAR 0072  
**V1942 Sagittarii**  
*OBSERVATION LOG*

Observer:

Date:

Time:

**OBJECT**

**Name: V1942 Sagittarii**  
R.A.: 19h 19m 09s                      Dec: -15° 54' 30"                      Const: Sgr  
Type: Carbon Star                      Magnitude: 6.7 - 7.0                      Size: Irregular

**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**

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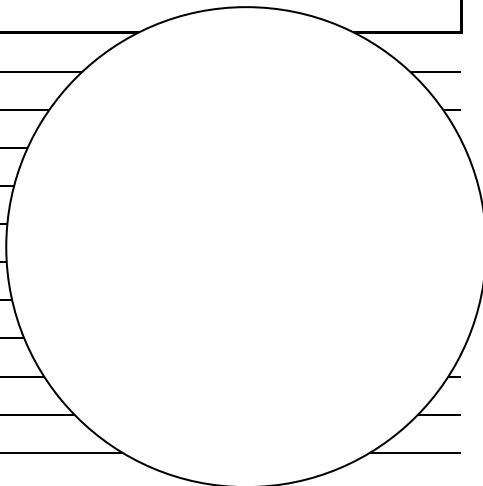
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Indicate NORTH with arrow

**NOTES**

SAO 162465  
Class C6 (N2/R8)



# CARBON STAR 0073

## U Lyrae

### OBSERVATION LOG

Observer:

Date:

Time:

#### OBJECT

Name: **U Lyrae**

R.A.: **19h 20m 09s**

Type: **Carbon Star**

Dec: **+37° 52' 36"**

Magnitude: **8.3 - 13.5**

Const: **Lyr**

Size: **452**

#### 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:

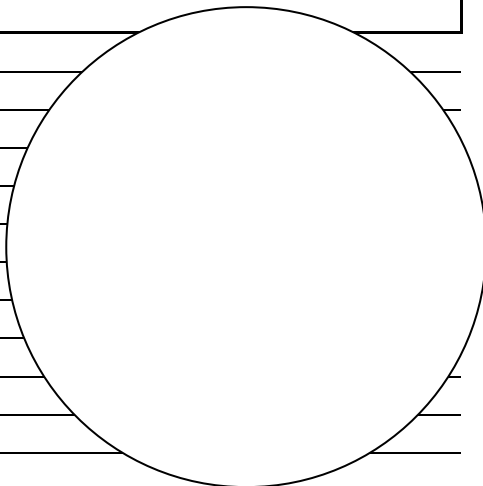
Barlow:

Guider:

Software:

Net Mag:

#### OBSERVATIONS

Indicate NORTH with arrow

#### NOTES

GSC 3134:1708

Class C4 (NOe)



# CARBON STAR 0074 UX Draconis

## OBSERVATION LOG

Observer:

Date:

Time:

### OBJECT

Name: **UX Draconis**

R.A.: **19h 21m 35s**

Type: **Carbon Star**

Dec: **+76° 33' 34"**

Magnitude: **5.9-7.1**

Const: **Dra**

Size: **168**

### 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:

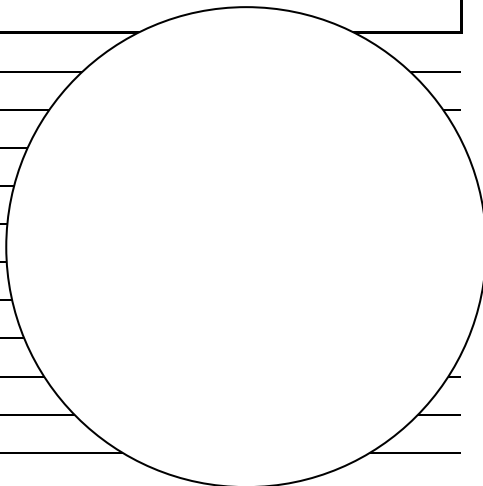
Barlow:

Guider:

Software:

Net Mag:

### OBSERVATIONS

Indicate NORTH with arrow

### NOTES

SAO 9404

Class C7 (NO)



# CARBON STAR 0075 NSV 11960 (Aquila)

## OBSERVATION LOG

Observer:

Date:

Time:

### OBJECT

Name: **NSV 11960 (Aquila)**

R.A.: **19h 23m 10s**

Dec: **-10° 42' 11"**

Const: **Aql**

Type: **Carbon Star**

Magnitude: **7.0 -7.1**

Size: **?**

### 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 circular field of view diagram.

Indicate NORTH with arrow

### NOTES

SAO 162551

Class C2 (RO)



CARBON STAR 0076  
**AW Cygni**  
*OBSERVATION LOG*

Observer:

Date:

Time:

**OBJECT**

Name: **AW Cygni**

R.A.: **19h 28m 47s**

Type: **Carbon Star**

Dec: **+46° 02' 38"**

Magnitude: **7.1 - 8.5**

Const: **Cyg**

Size: **340**

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

Indicate NORTH with arrow

**NOTES**

GSC 3543:2275

Class C4 (N3)



CARBON STAR 0077  
**AQ Sagittarii**  
*OBSERVATION LOG*

Observer:

Date:

Time:

**OBJECT**

Name: **AQ Sagittarii**

R.A.: **19h 34m 18s**

Type: **Carbon Star**

Dec: **-16° 22' 27"**

Magnitude: **6.6 - 8.5**

Const: **Sgr**

Size: **200**

**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:

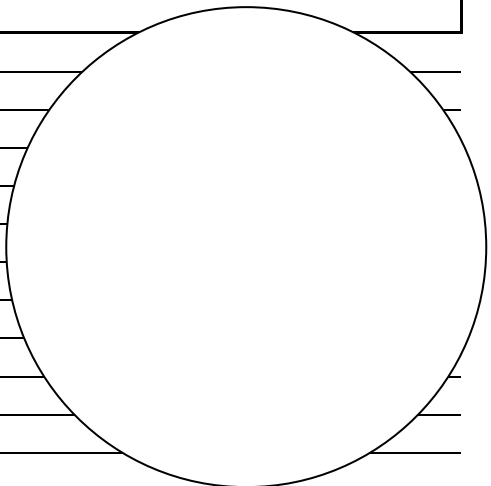
Barlow:

Guider:

Software:

Net Mag:

**OBSERVATIONS**

Indicate NORTH with arrow

**NOTES**

SAO 162777

Class C7 (N3)



# CARBON STAR 0078

## TT Cygni

### OBSERVATION LOG

Observer:

Date:

Time:

#### OBJECT

Name: **TT Cygni**

R.A.: **19h 40m 57s**

Type: **Carbon Star**

Dec: **+32° 37' 05"**

Magnitude: **7.0 - 9.1**

Const: **Cyg**

Size: **118**

#### 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:

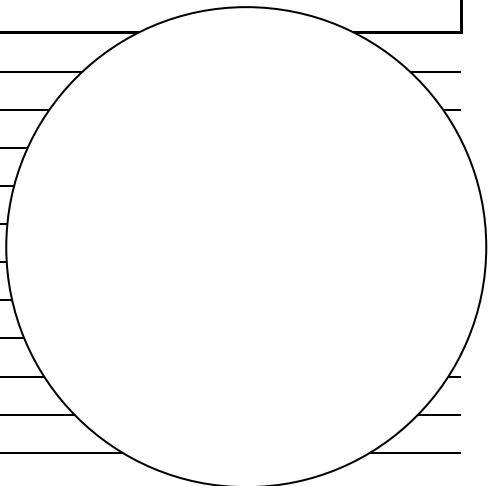
Barlow:

Guider:

Software:

Net Mag:

#### OBSERVATIONS

Indicate NORTH with arrow

#### NOTES

SAO 68688

Class C5 (N3e)



# CARBON STAR 0079

## AX Cygni

### OBSERVATION LOG

Observer:

Date:

Time:

#### OBJECT

Name: **AX Cygni**

R.A.: **19h 57m 12s**

Type: **Carbon Star**

Dec: **+44° 15' 40"**

Magnitude: **7.9 - 8.8**

Const: **Cyg**

Size: **Irregular**

#### 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:

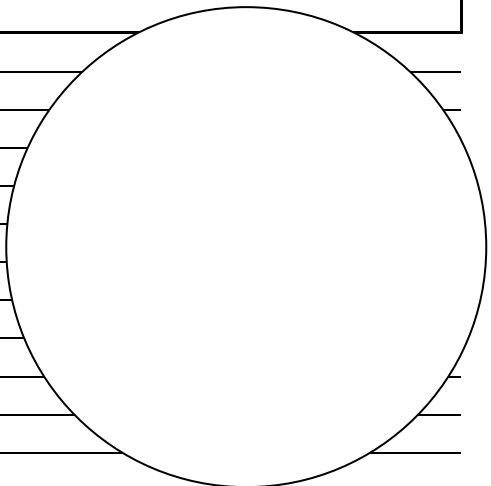
Barlow:

Guider:

Software:

Net Mag:

#### OBSERVATIONS

Indicate NORTH with arrow

#### NOTES

GSC 3149:942

Class C4 (N6)



# CARBON STAR 0080

# V1469 Aquilae

## OBSERVATION LOG

Observer:

Date:

Time:

### OBJECT

Name: **V1469 Aquilae**

R.A.: **20h 01m 03s**

Type: **Carbon Star**

Dec: **+09° 30' 51"**

Magnitude: **8.4 - 8.7**

Const: **Aql**

Size: **98**

### 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:

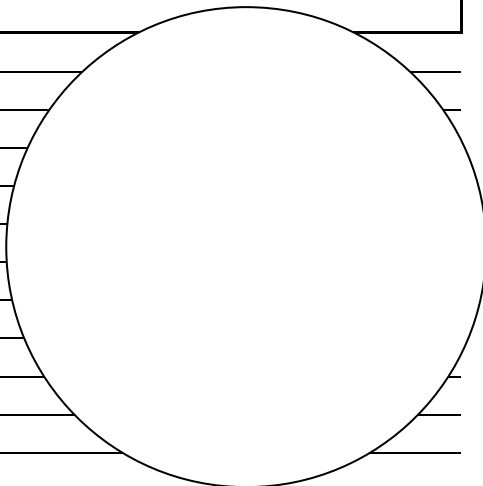
Barlow:

Guider:

Software:

Net Mag:

### OBSERVATIONS

Indicate NORTH with arrow

### NOTES

SAO 125356

Class C4 (NOv)



# CARBON STAR 0081

## BF Sagittae

### OBSERVATION LOG

Observer:

Date:

Time:

#### OBJECT

Name: **BF Sagittae**

R.A.: **20h 02m 23s**

Type: **Carbon Star**

Dec: **+21° 05' 24"**

Magnitude: **8.5 - 10.0**

Const: **Sgr**

Size: **177**

#### 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:

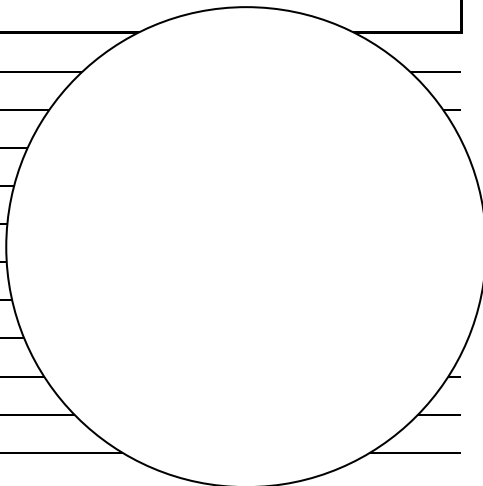
Barlow:

Guider:

Software:

Net Mag:

#### OBSERVATIONS

Indicate NORTH with arrow

#### NOTES

GSC 1629:945

Class C4 (N3)



# CARBON STAR 0082

## X Sagittae

### OBSERVATION LOG

Observer:

Date:

Time:

#### OBJECT

Name: **X Sagittae**  
R.A.: **20h 05m 05s**  
Type: **Carbon Star**

Dec: **+20° 38' 51"**  
Magnitude: **7.0 - 9.7**

Const: **Sgr**  
Size: **196**

#### 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:

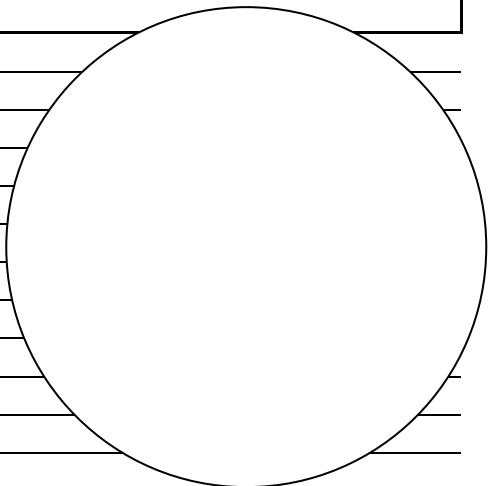
Barlow:

Guider:

Software:

Net Mag:

#### OBSERVATIONS

Indicate NORTH with arrow

#### NOTES

HD 190606  
Class C6 (N3)



















# CARBON STAR 0091

# NSV 13571 (Vulpecula)

## OBSERVATION LOG

Observer:

Date:

Time:

### OBJECT

Name: **NSV 13571 (Vulpecula)**

R.A.: **21h 09m 59s**

Dec: **+26° 36' 54"**

Const: **Vul**

Type: **Carbon Star**

Magnitude: **8.1 - 8.2**

Size: **?**

### 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:

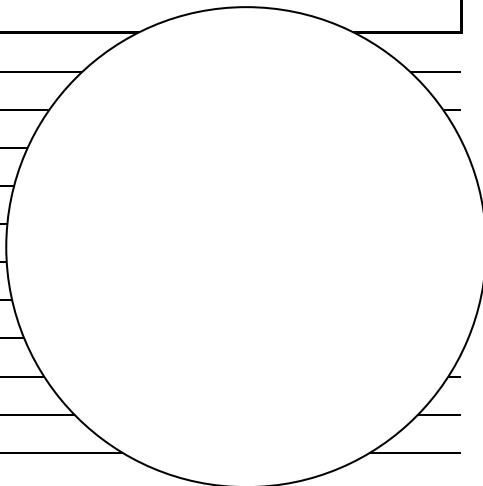
Exp count:

Dark frame:

Bias frame:

Software:

### OBSERVATIONS

Indicate NORTH with arrow

### NOTES

SAO 89499

Class C1 (Kp)









CARBON STAR 0095  
**RX Pegasi**  
*OBSERVATION LOG*

Observer:

Date:

Time:

**OBJECT**

Name: **RX Pegasi**  
R.A.: **21h 56m 22s**  
Type: **Carbon Star**

Dec: **+22° 51' 39"**  
Magnitude: **7.7 - 9.5**

Const: **Peg**  
Size: **629**

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

Indicate NORTH with arrow

**NOTES**

HD 208526  
Class C4 (N3)









# CARBON STAR 0099

# TX Piscium

## OBSERVATION LOG

Observer:

Date:

Time:

### OBJECT

Name: <b>TX Piscium</b>	Dec: <b>+03° 29' 12"</b>	Const: <b>Psc</b>
R.A.: <b>23h 46m 23s</b>	Magnitude: <b>4.8 - 5.2</b>	Size: <b>Irregular</b>
Type: <b>Carbon Star</b>		

### OBSERVING SITE

Location:  
 Latitude: \_\_\_\_\_ Longitude: \_\_\_\_\_ Elevation: \_\_\_\_\_

### SKY

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

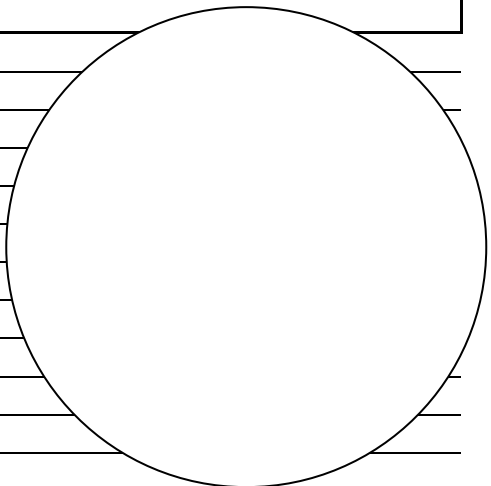
### TELESCOPE

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

SAO 128374  
 Class C7 (NO)



# CARBON STAR 0100

## SAO 128396 (Pisces)

### OBSERVATION LOG

Observer:

Date:

Time:

#### OBJECT

Name: **SAO 128396 (Pisces)**

R.A.: **23h 49m 05s**

Dec: **+06° 22' 56"**

Const: **Psc**

Type: **Carbon Star**

Magnitude: **8.5 - 8.8**

Size: **?**

#### 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:

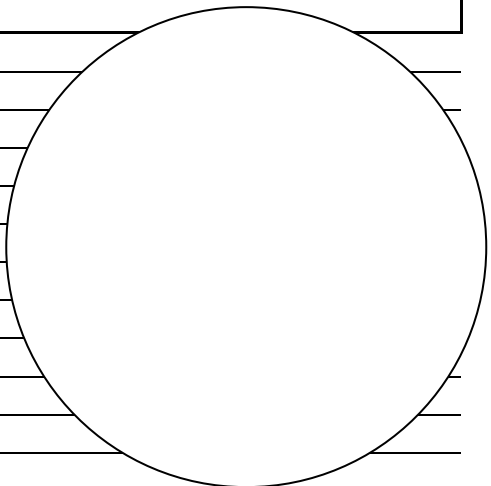
Exp count:

Dark frame:

Bias frame:

Software:

#### OBSERVATIONS

Indicate NORTH with arrow

#### NOTES

GSC 592:649

Class C3 (R3)

