Prospective Imaging Objects – June 06 2024

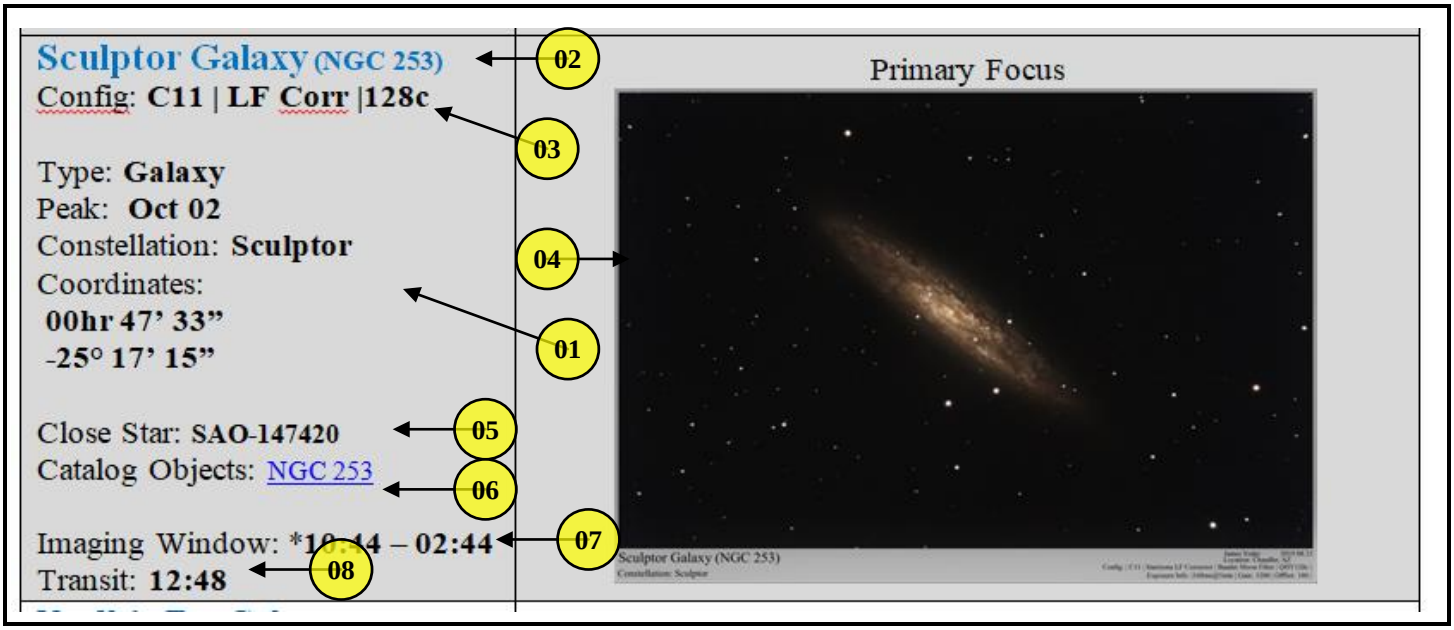
Astronomical Data

Sunrise	Sunset	Astronomical Dusk	Astronomical Dawn	Imaging	New Moon
05:17am	07:35 pm	09:17 pm	03:36 am	06:19	June 06

Hardware Info

Configuration	FL	FOV	FOV°	FR	Image Scale (1 – 1.5) ideal
C11HD | ZWO ASI-6200MC |	2800 mm	45'x 30'	0.75° x 0.5°	10	0.280"/pix (Oversampled)
C11HD | 0.7xReducer | ASI-6200MC |	1960 mm	60' x 45'	1.0° x 0.75°	7	0.393"/pix (Oversampled)
C11HD | HS-v4 | ZWO ASI-6200MC |	540 mm	228' x 150'	3.8° x 2.5°	1.9	1.4"/pix (Undersampled)
C6 | ZWO ASI-6200MC |	1500 mm	83' x 55'	1.38° x 0.92°	10	0.52"/pix (Oversampled)
C6 | 0.63 Corrector | ZWO ASI-6200MC |	1220 mm	131' x 88'	2.18° x 1.46°	6.3	0.82"/pix (Oversampled)
C6 | HS-v4 | ZWO6200MC	300mm	412' x 275'	6.87° x4.58°	2.0	2.59"/pix (Undersampled)

How to use this document



01: Background Fill Color - Items that I have previously images will have a fill color of grey, Images not yet imaged will have a white background color.

02: Object Name and catalog number – Common name long with one of the reference catalog numbers associated with this object.

03: Config – The optimal configuration to image this object, and the configuration the provided image is based on based on what hardware I own. Configuration will either be the Celestron C-11 Primary focus (with focal reducer) or C-11 with HyperStar.

04: Object Image – If this is an object I have already imaged, the thumbnail is my photo. It is hyperlinked to my website, so selecting the image should open a larger image in your browser. If the object has not yet been imaged by me the image displayed is for the identified configuration as obtained from http://www.telescopious.com.

05: Close Star – A fairly bright star close to the target that can be used to check focus and sync the telescope before the imaging session begins.

06: Catalog Objects – List of objects that should appear in the field of view. When possible they are hyperlinked to http://www.telescopious.com where more information can be obtained.

07: Imaging Window – Ideally the time the object is 45° above the horizon. Southern objects with negative DEC that do not peak above 45° are indicated with a *. Imaging window for these objects may be based on 30° or even 25° above horizon for the imaging window.

08: Transit – When the object is at the highest point in the sky for the night. For equatorial mounts this is when the meridian flip will occur.

Prospective Imaging Objects – June 06 2024

M-3 (NGC-5272)
Config: |C11HD|ZWO6200MC|

Type: **Globular Cluster**
Constellation: **Canes Venatici**
Coordinates:
13h 42’ 11”
28° 22’ 34”

Close Star: **SAO-100944** (Arcturus)
Catalog Objects: M-3/NGC-5272

Imaging Window: **09:17 – 12:36**
Transit: **09:03 | 85°**

C-11 HD: Primary Focus

Heron Galaxy (NGC-5395) et el.
Config: |C11HD|ZWO6200MC|

Type: **Galaxies**

Constellation: **Canes Venatici**
Coordinates:
13h 57’ 46”
37° 35’ 31”

Close Star: **SAO-100944** (Arcturus)
Catalog Objects: NGC-5395,
NGC-5394, NGC-5380, NGC-5378
Imaging Window: **09:17 – 01:05**
Transit: **09:19 | 86°**

C-11 HD: Primary Focus

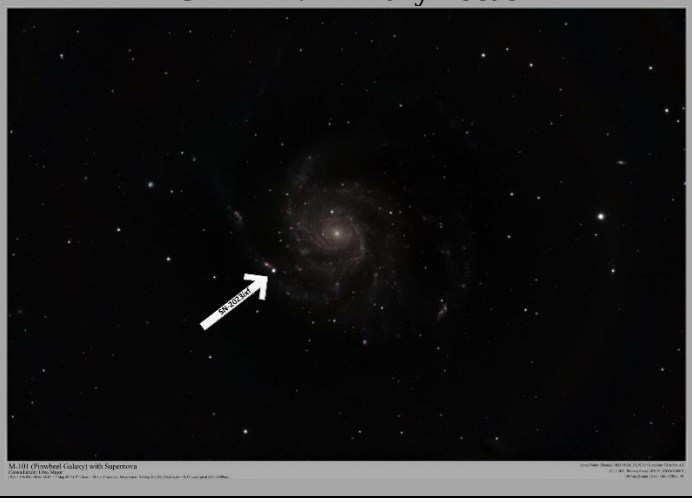
Pinwheel Galaxy (M-101)
Config: |C11HD|ZWO6200MC|

Type: **Face-on Spiral Galaxy**

Constellation: **Ursa Major**
Coordinates:
14h 03’ 54”
54° 22’ 44”

Close Star: **SAO-28553** (Alioth)
Catalog Objects: M-101/NGC-5457,
NGC-5477
Imaging Window: **09:17 – 01:17**
Transit: **09:24 | 69°**

C-11 HD: Primary Focus



Prospective Imaging Objects – June 06 2024

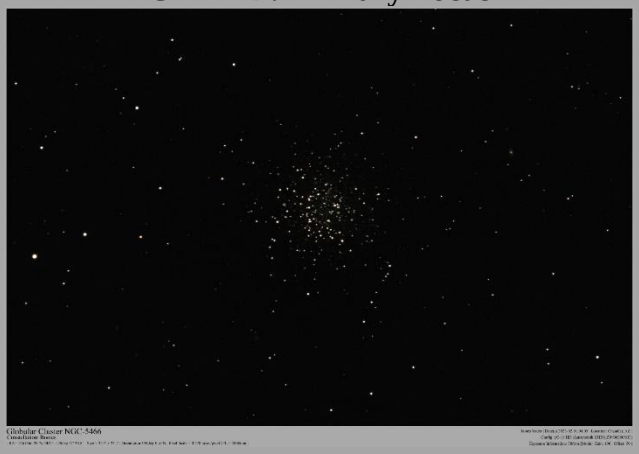
NGC-5466
Config: |C11HD|ZWO6200MC|

Type: **Globular Cluster**
Constellation: **Bootes**
Coordinates:
14h 05’ 27”
28° 32’ 06”

Close Star: **SAO-100944** (Arcturus)
Catalog Objects: NGC-5466

Imaging Window: **09:17 – 12:59**
Transit: **09:26 | 85°**

C-11 HD: Primary Focus



Spindle Galaxy (M-102)
Config: |C11HD|ZWO6200MC|

Type: **Galaxy**

Constellation: **Draco**
Coordinates:
15h 06’ 29”
55° 45’ 49”

Close Star: **SAO-28553** (Alioth)
Catalog Objects: M-102
Imaging Window: **09:17 – 02:19**
Transit: **10:27 | 69°**

C-11 HD: Primary Focus

NGC-5905, 5908
Config: |C11HD|ZWO6200MC|

Type: **Galaxies**

Constellation: **Drao**
Coordinates:
15h 16’ 07”
55° 28’ 10”

Close Star: **SAO-28737** (Mizar)
Catalog Objects: NGC-5905, 5908
Imaging Window: **09:17 – 02:28**
Transit: **10:36 | 68°**

C-11 HD: Primary Focus

Prospective Imaging Objects – June 06 2024

Splinter Galaxy (NGC-5907) Config: |C11HD|ZWO6200MC| Type: **Galaxy** Constellation: **Drao** Coordinates: **15h 15’ 54”** **56° 19’ 49”** Close Star: **SAO-100944** (Arcturus) Catalog Objects: NGC-5907 Imaging Window: **09:17 – 02:28** Transit: **10:36 | 68°**	**C-11 HD: Primary Focus** 
M-5 (NGC-5904) Config: |C11HD|ZWO6200MC| Type: **Globular Cluster** Constellation: **Serpens** Coordinates: **15h 18’ 34”** **02° 05’ 00”** Close Star: **SAO-100944** (Arcturus) Catalog Objects: M-5/NGC-5904 Imaging Window: **09:17 – 01:00** Transit: **10:39 | 59°**	**C-11 HD: Primary Focus** 
Draco Trio (NGC-5985,5982,5981) Config: |C11HD|ZWO6200MC| Type: **Galaxies** Constellation: **Drao** Coordinates: **15h 38’ 20”** **59° 22’ 56”** Close Star: **SAO-28737** (Mizar) Catalog Objects: NGC-5985, NGC-5982, NGC-5981 Imaging Window: **09:17 – 02:49** Transit: **11:00 | 64°**	**C-11 HD: Primary Focus** 

Prospective Imaging Objects – June 06 2024

Sharpless 2-1 (SH2-1)
Config: **C11-HD | HS | ZWO6200MC**

Type: **Diffuse Nebula**

Constellation: **Scorpius**
Coordinates:
15h 56’ 09”
-25° 40’ 29”

Close Star: **SAO-208078** (Wei)
Catalog Objects: SH2-1/LBN-1093

Imaging Window: ***09:30 – 01:13**
Transit: **11:19 | 31°**

C-11 HD: HyperStar v4

Seyfert’s Sextet (NGC-6027A-E)
Config: |C11HD|ZWO6200MC|

Type: **Galaxy Group & One**

Constellation: **Serpens**
Coordinates:
15h 59’ 46”
20° 47’ 27”

Close Star: **SAO-83893**
Catalog Objects: NGC-6027A-E, UGC-10127
Imaging Window: **09:17 – 02:38**
Transit: **11:20 | 77°**

C-11 HD: Primary Focus

Prospective Imaging Objects – June 06 2024

Hercules Galaxy Cluster
(Abell-2151)
Config: |C11HD|ZWO6200MC|

Type: **Galaxy Cluster**

Constellation: **Hercules**
Coordinates:
16h 05’ 13”
17° 45’ 39”

Close Star: **SAO-100944** (Arcturus)
Catalog Objects: Abell-2151

Imaging Window: **09:17 – 02:37**
Transit: **11:26 | 74°**

C-11 HD: Primary Focus

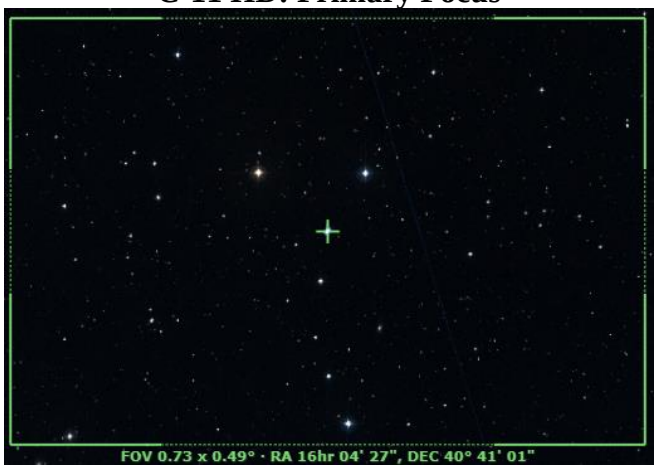
NGC-6058
Config: |C11HD|ZWO6200MC|

Type: **Planetary Nebula**

Constellation: **Hercules**
Coordinates:
16h 04’ 27”
40° 41’ 01”

Close Star: **SAO-100944** (Arcturus)
Catalog Objects: NGC-6058
Imaging Window: **09:17 – 03:14**
Transit: **11:25 | 83°**

C-11 HD: Primary Focus



Tadpole Galaxy (Arp-188)
Config: |C11HD|ZWO6200MC|

Type: **Galaxy**

Constellation: **Draco**
Coordinates:
16h 06’ 04”
55° 26’ 07”

Close Star: **SAO-28737** (Mizar)
Catalog Objects: Arp-188,
PGC-57087, 57114, 57108

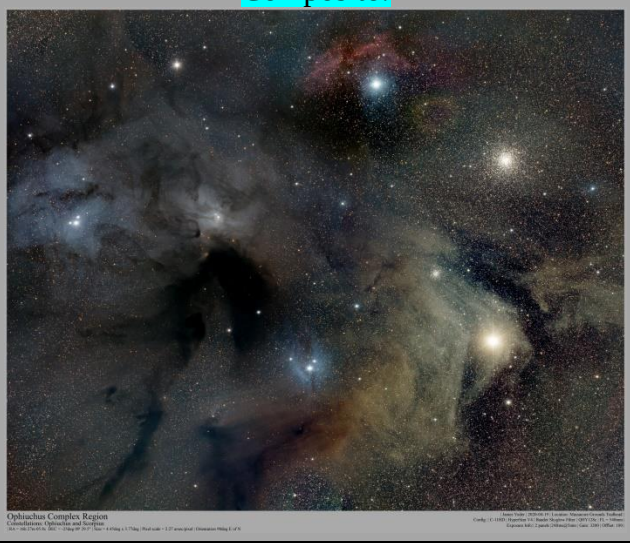
Imaging Window: **09:17 – 03:19**
Transit: **11:26 | 68°**

C-11 HD: Primary Focus

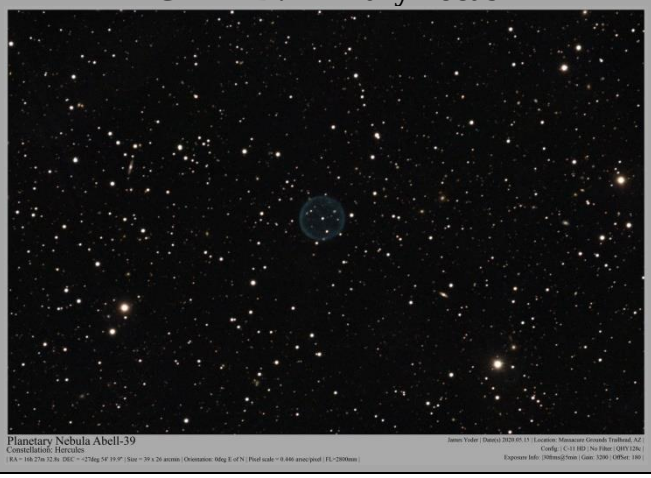
Prospective Imaging Objects – June 06 2024

White Eyed Pea (IC-4593) Config: |C11HD|ZWO6200MC| Type: **Planetary Nebula** Constellation: **Hercules** Coordinates: **15h 11’ 45”** **12° 03’ 45”** Close Star: **SAO-100944** (Arcturus) Catalog Objects: IC-4593 Imaging Window: **09:17 – 02:29** Transit: **11:32 | 69°**	**C-11 HD: Primary Focus** 
Blue Horshead (IC-4592) Config: **C11-HD | HS | ZWO6200MC** Type: **Bright Nebula** Constellation: **Scorpius** Coordinates: **16h 14’ 15”** **-19° 17’ 16”** Close Star: **SAO-184415** (Antares) Catalog Objects: IC-4592 Imaging Window: ***09:37 – 01:25** Transit: **11:33 | 37°**	**C-11 HD: HyperStar v4** 
M-80 (NGC-6093) Config: |C11HD|ZWO6200MC| Type: **Globular Cluster** Constellation: **Scorpius** Coordinates: **16h 17’ 02”** **-22° 58’ 28”** Close Star: **SAO-184415** (Antares) Catalog Objects: M-80/NGC-6093 Imaging Window: ***09:26 – 02:00** Transit: **11:37 | 34°**	**C-11 HD: Primary Focus** 

Prospective Imaging Objects – June 06 2024

SH2-9 Config: |C11-HD|FR|ZWO6200MC| Type: **Diffuse Nebula** Constellation: **Scorpius** Coordinates: **16h 20’ 16”** **-25° 25’ 53”** Close Star: **SAO-184415** (Antares) Catalog Objects: SH2-9 Imaging Window: **09:48 – 01:38** Transit: **11:42 | 31°**	**C-11 HD: Focal Reducer** 
M-4 (NGC-6121) Config: |C11HD|ZWO6200MC| Type: **Globular Cluster** Constellation: **Scorpius** Coordinates: **16h 23’ 35”** **-26° 31’ 29”** Close Star: **SAO-184415** (Antares) Catalog Objects: M-4/NGC-6121 Imaging Window: ***09:55 – 01:34** Transit: **11:44 | 30°**	**C-11 HD: Primary Focus** 
Ophiuchus Complex (IC-4604) Config: **C11-HD | HS | ZWO6200MC** Composite with M-4 Type: **Bright Nebula** Constellation: **Scorpius** Coordinates: Frame 01 RA: **16hr 26’ 46”** DEC: **-24° 08’ 13”** Frame 02 RA: **16hr 26’ 46”** DEC: **-26° 14’ 42”** Close Star: **SAO-184415** (Antares) Catalog Objects: IC-4604 Imaging Window: ***09:34 – 02:04** Transit: **11:46 | 33°**	**C-11 HD: HyperStar v4** Composite! 

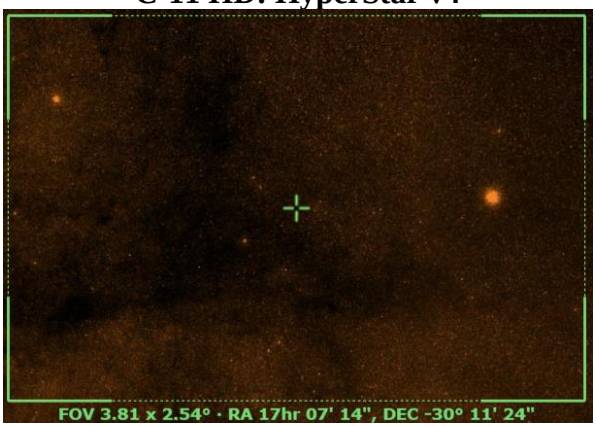
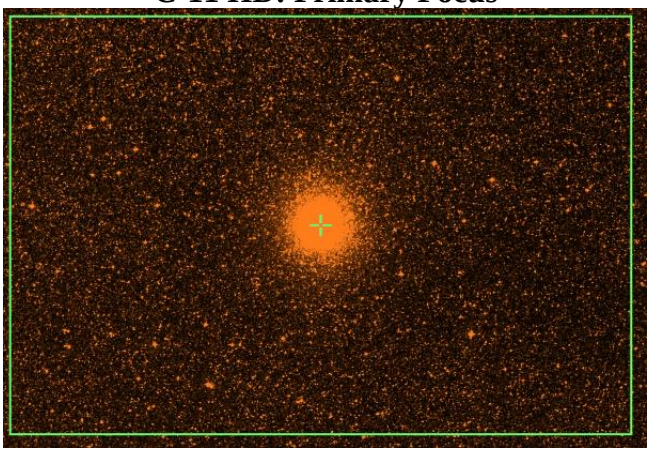
Prospective Imaging Objects – June 06 2024

Abell-39 (PK 47+42.1) Config: |C11HD|ZWO6200MC| Type: **Planetary Nebula** Constellation: **Hercules** Coordinates: **16h 27' 34"** **27° 54' 29"** Close Star: **SAO-84951** (Sarin) Catalog Objects: Abell-39/PN A66 39 Imaging Window: **09:17 – 3:20** Transit: **11:48 | 84°**	**C-11 HD: Primary Focus** 
M-107 (NGC-6171) Config: |C11HD|ZWO6200MC| Type: **Globular Cluster** Constellation: **Ophiuchus** Coordinates: **16h 32' 32"** **-13° 03' 11"** Close Star: **SAO-160006** (zeta Ophi) Catalog Objects: M-107/NGC-6171 Imaging Window: ***09:48 – 01:57** Transit: **11:53 | 44°**	**C-11 HD: Primary Focus** 
Hercules Cluster(M-13) Config: |C11HD|ZWO6200MC| Type: **Globular Cluster** Constellation: **Hercules** Coordinates: **16h 41' 41"** **36° 27' 39"** Close Star: **SAO-067174** (Vega) Catalog Objects: M-13/NGC-6205 Imaging Window: **09:17 – 03:30** Transit: **12:05 | 87°**	**C-11 HD: Primary Focus** 

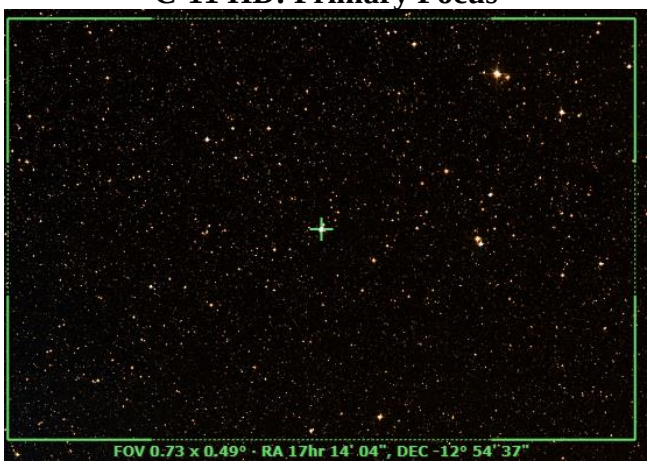
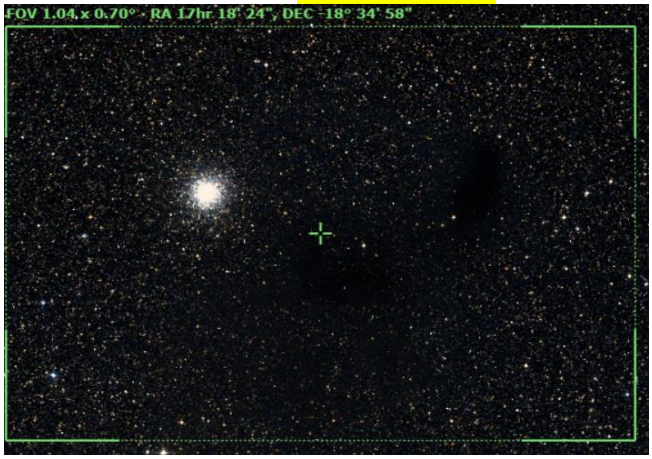
Prospective Imaging Objects – June 06 2024

Turtle Nebula (NGC-6210) Config: |C11HD|ZWO6200MC| Type: **Planetary Nebula** Constellation: **Hercules** Coordinates: **16h 44' 29"** **23° 48' 02"** Close Star: **SAO-84411 (Kornephoros)** Catalog Objects: NGC-6210 Imaging Window: **09:17 – 03:30** Transit: **12:05 | 80°**	**C-11 HD: Primary Focus** 
M-12(NGC-6218) Config: |C11HD|ZWO6200MC| Type: **Globular Cluster** Constellation: **Ophiuchus** Coordinates: **16h 47' 15"** **-01° 56' 50"** Close Star: **SAO-160006** (zeta Ophi) Catalog Objects: M-12/NGC-6218 Imaging Window: **10:12 – 02:09** Transit: **12:07 | 55°**	**C-11 HD: Primary Focus** 
M-10(NGC-6254) Config: |C11HD|ZWO6200MC| Type: **Globular Cluster** Constellation: **Ophiuchus** Coordinates: **16h 57' 09"** **-04° 05' 56"** Close Star: **SAO-160006** (zeta Ophi) Catalog Objects: M-10/NGC-6254 Imaging Window: **10:35 – 02:06** Transit: **12:17 | 53°**	**C-11 HD: Primary Focus** 

Prospective Imaging Objects – June 06 2024

M-62 Region (NGC-6266) Config: **C11-HD | HS | ZWO6200MC** Type: **Globular Cluster** Constellation: **Ophiuchus** Coordinates: **16h 25' 36"** **-23° 27' 00"** Close Star: **SAO-160006** (zeta Ophi) Catalog Objects: M-62/NGC-6266 Imaging Window: ***11:16 – 01:23** Transit: **12:21 | 33°**	**C-11 HD: HyperStar v4** 
M-62(NGC-6266) Config: |C11HD|ZWO6200MC| Type: **Globular Cluster** Constellation: **Ophiuchus** Coordinates: **17h 01' 13"** **-30° 06' 42"** Close Star: **SAO-160006** (zeta Ophi) Catalog Objects: M-62/NGC-6266 Imaging Window: ***11:16 – 01:23** Transit: **12:21 | 33°**	**C-11 HD: Primary Focus** 
M-19(NGC-6273) Config: |C11HD|ZWO6200MC| Type: **Globular Cluster** Constellation: **Ophiuchus** Coordinates: **17h 02' 38"** **-26° 16' 03"** Close Star: **SAO-160006** (zeta Ophi) Catalog Objects: M-19/NGC-6273 Imaging Window: ***10:37 – 02:15** Transit: **12:23 | 30°**	**C-11 HD: Primary Focus** 

Prospective Imaging Objects – June 06 2024

Box Nebula (NGC-6309) Config: |C11HD|ZWO6200MC| Type: **Planetary Nebula** Constellation: **Hercules** Coordinates: **17h 14' 04"** **-12° 54' 37"** Close Star: **SAO-160332** (Sabik) Catalog Objects: NGC-6309 Imaging Window: ***10:34 – 02:38** Transit: **12:34 | 44°**	**C-11 HD: Primary Focus** 
M-92(NGC-6341) Config: |C11HD|ZWO6200MC| Type: **Globular Cluster** Constellation: **Hercules** Coordinates: **17h 17' 07"** **43° 08' 13"** Close Star: **SAO-067174** (Vega) Catalog Objects: M-92/NGC-6341 Imaging Window: **09:17 – 03:36** Transit: **12:37 | 80°**	**C-11 HD: Primary Focus** 
M-9(NGC-6333) Config: |C11-HD|FR|ZWO6200MC| Type: **Glob Cluster & DNeb** Constellation: **Ophiuchus** Coordinates: **17h 18' 24"** **-18° 34' 58"** Close Star: **SAO-160006** (zeta Ophi) Catalog Objects: M-9/NGC-6333 Imaging Window: ***10:37 – 02:49** Transit: **12:39 | 38°**	**C-11 HD: Focal Reducer** 

Prospective Imaging Objects – June 06 2024

M-9 (NGC-6333)

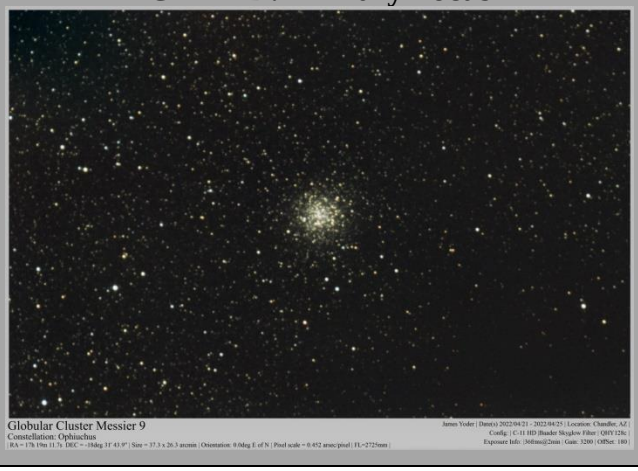
Config: |C11HD|ZWO6200MC|

Type: **Glob Cluster & DNeb**

Constellation: **Ophiuchus**
Coordinates:
17h 19' 12"
-18° 30' 57"

Close Star: **SAO-160006** (zeta Ophi)
Catalog Objects: M-9/NGC-6333
Imaging Window: ***10:37 – 02:49**
Transit: **12:39 | 38°**

C-11 HD: Primary Focus



Dark Horse Nebula (LDN 42)

Config: **C11-HD | HS | ZWO6200MC**

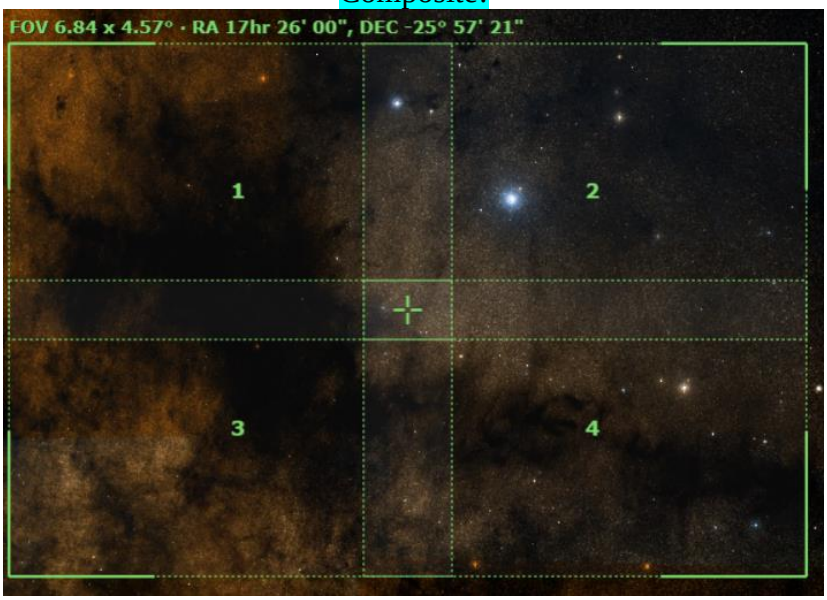
Type: **Dark Nebula**

Constellation: **Ophiuchus**
Frame 01
RA: **17hr 32' 42"** DEC: **-24° 55' 48"**
Frame 02
RA: **17hr 19' 18"** DEC: **-24° 55' 48"**
Frame 03
RA: **17hr 32' 49"** DEC: **-26° 57' 43"**
Frame 04
RA: **17hr 19' 11"** DEC: **-26° 57' 43"**

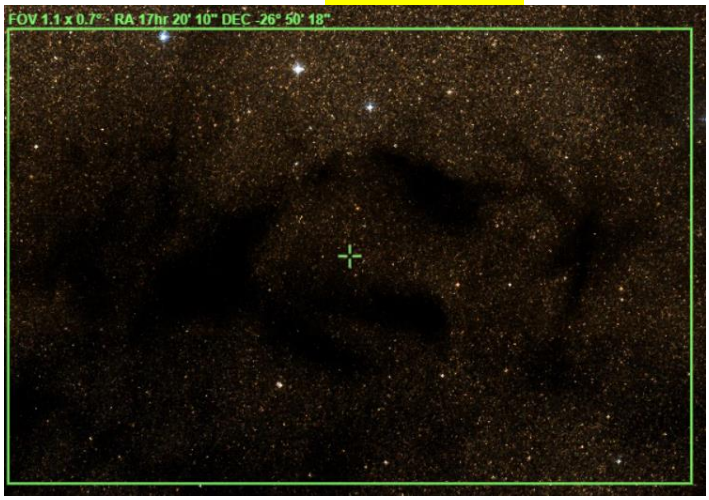
Close Star: **SAO-184415** (Antares)

Catalog Objects: LDN-42
Imaging Window: ***11:03 – 02:49**
Transit: **12:52 | 31°**

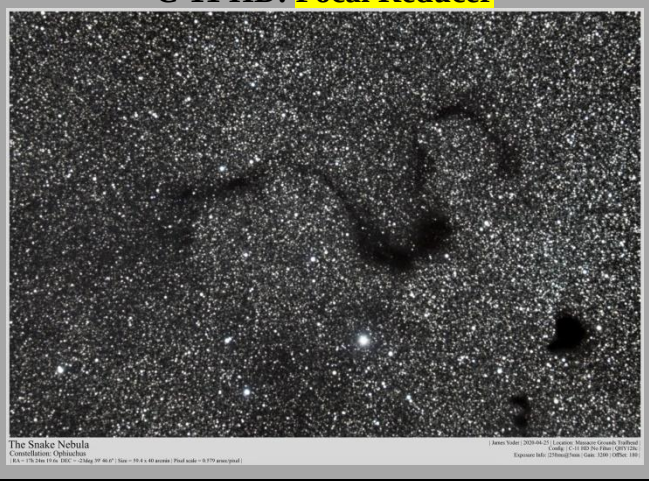
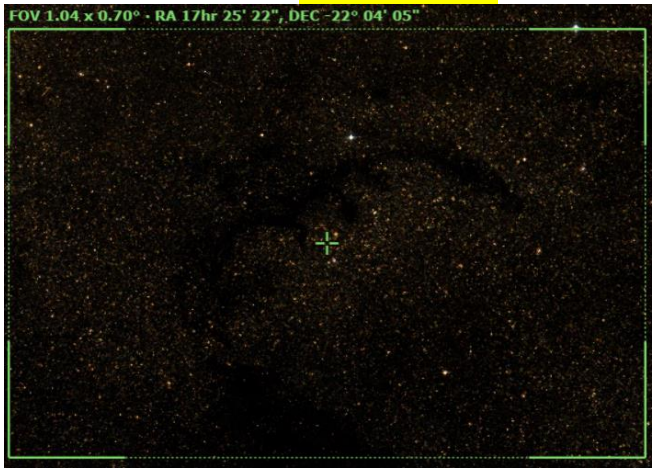
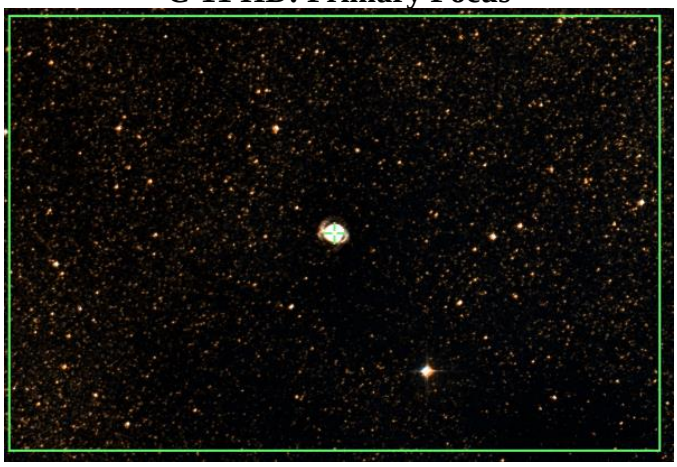
C-11 HD: HyperStar v4
Composite!



Prospective Imaging Objects – June 06 2024

Pipe Nebula (LDN 1773) Config: **C11-HD | HS | ZWO6200MC** Type: **Dark Nebula** Constellation: **Ophiuchus** Coordinates: **17h 19' 54"** **-26° 52' 60"** Close Star: **SAO-184415** (Antares) Catalog Objects: LDN-1773 Imaging Window: ***11:03 – 02:22** Transit: **12:40 | 30°**	**C-11 HD: HyperStar v4** 
Pipe Nebula (LDN 1773) Config: |C11-HD|FR|ZWO6200MC| Type: **Dark Nebula** Constellation: **Ophiuchus** Coordinates: **17h 20' 10"** **-26° 50' 18"** Close Star: **SAO-184415** (Antares) Catalog Objects: LDN-1773 Imaging Window: ***11:03 – 02:22** Transit: **12:40 | 30°**	**C-11 HD: Focal Reducer** 
The Snake Nebula (B-72) Config: **C11-HD | HS | ZWO6200MC** Type: **Dark Nebula** Constellation: **Ophiuchus** Coordinates: **17h 25' 49"** **-23° 58' 05"** Close Star: **SAO-160006** (zeta Ophi) Catalog Objects: B-72/LDN-66 Imaging Window: ***10:34 – 02:53** Transit: **12:44 | 33°**	**C-11 HD: HyperStar v4** 

Prospective Imaging Objects – June 06 2024

The Snake Nebula (B-72) Config: |C11-HD|FR|ZWO6200MC| Type: **Dark Nebula** Constellation: **Ophiuchus** Coordinates: **17h 24' 19"** **-23° 39' 06"** Close Star: **SAO-160006** (zeta Ophi) Catalog Objects: B-72/LDN-66 Imaging Window: ***10:34 – 02:53** Transit: **12:44 | 33°**	**C-11 HD: Focal Reducer** 
Barnard 75 (B-75) Config: |C11-HD|FR|ZWO6200MC| Type: **Dark Nebula** Constellation: **Ophiuchus** Coordinates: **17h 25' 22"** **-22° 04' 05"** Close Star: **SAO-184415** (Antares) Catalog Objects: B-75/LDN-112 Imaging Window: ***10:26 – 03:10** Transit: **12:45 | 35°**	**C-11 HD: Focal Reducer** 
Little Ghost (NGC-6369) Config: |C11HD| ZWO6200MC| Type: **Planetary Nebula** Constellation: **Ophiuchus** Coordinates: **17h 29' 20"** **-23° 45' 33"** Close Star: **SAO-160006** (zeta Ophi) Catalog Objects: NGC-6369 Imaging Window: ***10:40 – 03:01** Transit: **12:49 | 33°**	**C-11 HD: Primary Focus** 

Prospective Imaging Objects – June 06 2024

M-14(NGC-6402) Config: |C11HD|ZWO6200MC| Type: **Globular Cluster** Constellation: **Ophiuchus** Coordinates: **17h 37' 36"** **-03° 14' 43"** Close Star: **SAO-160006** (zeta Ophi) Catalog Objects: M-14/NGC-6402 Imaging Window: **04:03 – 05:01** Transit: **05:55 | 53°**	**C-11 HD: Primary Focus** 
Butterfly Cluster(M-6) Config: |C11HD|ZWO6200MC| Type: **Open Cluster** Constellation: **Scorpius** Coordinates: **17h 40' 20"** **-32° 15' 30"** Close Star: **SAO-210091** (Kaus Aus..) Catalog Objects: M-6/NGC-6405 Imaging Window: ***11:16 – 02:46** Transit: **01:00 | 24°**	**C-11 HD: Primary Focus** 
Praying Matis Nebula (B-84) Config: |C11HD|ZWO6200MC| Type: **Dark Nebula** Constellation: **Sagittarius** Coordinates: **17h 46' 24"** **-20° 08' 31"** Close Star: **SAO-210091** (Kaus Aus..) Catalog Objects: B-84/LDN-235 Imaging Window: ***11:19 – 03:04** Transit: **01:07 | 36°**	**C-11 HD: Primary Focus** 

Prospective Imaging Objects – June 06 2024

Box Nebula (NGC-6445) Config: |C11HD|ZWO6200MC| Type: **Planetary Nebula** Constellation: **Sagittarius** Coordinates: **17h 49' 15"** **-20° 00' 32"** Close Star: **SAO-210091** (Kaus Aus..) Catalog Objects: NGC-6445 Imaging Window: ***11:16 – 03:10** Transit: **01:09 | 37°**	**C-11 HD: Primary Focus** 
Ptolemy Cluster(M-7) Config: |C11HD|ZWO6200MC| Type: **Open Cluster** Constellation: **Scorpius** Coordinates: **17h 53' 39"** **-34° 48' 53"** Close Star: **SAO-210091** (Kaus Aus..) Catalog Objects: M-7/NGC-6475 Imaging Window: ***12:03 – 02:15** Transit: **01:14 | 22°**	**C-11 HD: Primary Focus** 
M-23(NGC-6494) Config: |C11HD|ZWO6200MC| Type: **Open Cluster** Constellation: **Sagittarius** Coordinates: **17h 56' 56"** **-19° 00' 42"** Close Star: **SAO-184415** (Antares) Catalog Objects: M-23/NGC-6494 Imaging Window: ***11:19 – 03:25** Transit: **01:17 | 38°**	**C-11 HD: Primary Focus** 

Prospective Imaging Objects – June 06 2024

Cat's Eye Nebula(NGC-6543)

Config: |C11HD|ZWO6200MC|

Type: **Planetary Nebula**

Constellation: **Draco**
Coordinates:
17h 59' 00"
66° 37' 39"

Close Star: **SAO-18222** (Altais)
Catalog Objects: NGC-6543
Imaging Window: **09:54 – 03:36**
Transit: **01:19 | 57°**

C-11 HD: Primary Focus

Lagoon Region

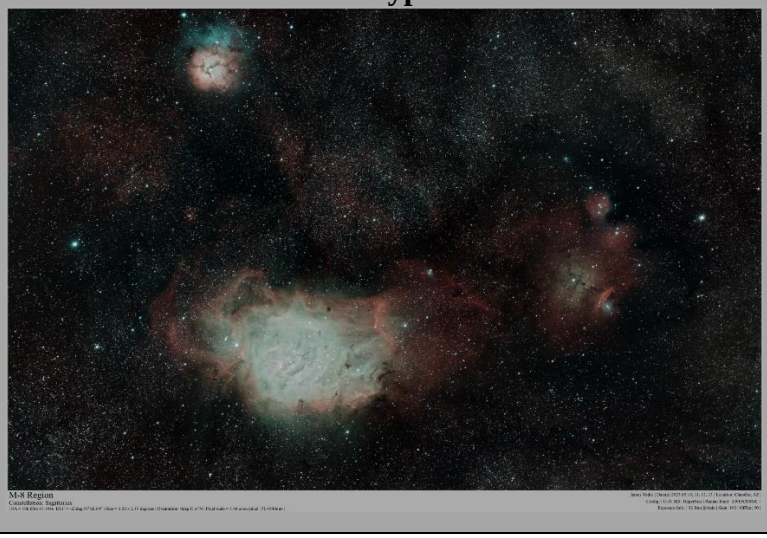
Config: **C11-HD | HS | ZWO6200MC**

Type: **Diffuse Nebula**

Constellation: **Sagittarius**
Coordinates:
18h 05' 54"
-23° 56' 32"

Close Star: **SAO-186841** (Kaus Borealis)
Catalog Objects: M-8/NGC-6523, M-20, NGC-6544
Imaging Window: ***11:23 – 03:28**
Transit: **01:24 | 32°**

C-11 HD: HyperStar v4



Trifid Nebula(M-20)

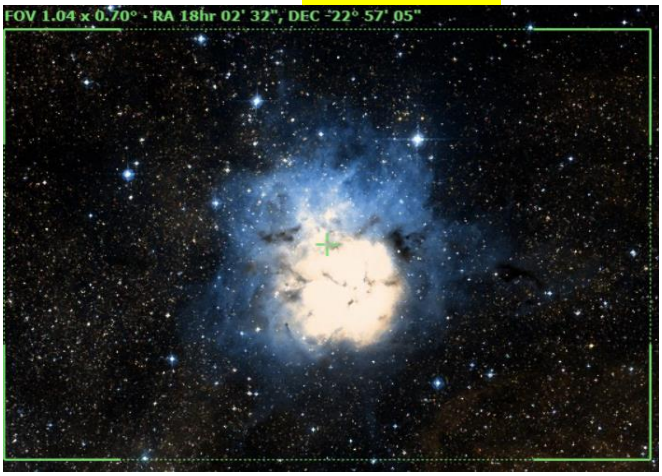
Config: |C11-HD|FR|ZWO6200MC|

Type: **Diffuse Nebula**

Constellation: **Sagittarius**
Coordinates:
18h 02' 32"
-22° 57' 05"

Close Star: **SAO-186841** (Kaus Borealis)
Catalog Objects: M-8/NGC-6523
Imaging Window: ***11:06 – 03:39**
Transit: **01:23 | 34°**

C-11 HD: Focal Reducer



Prospective Imaging Objects – June 06 2024

Trifid Nebula (M-20)

Config: |C11HD|ZWO6200MC|

Type: **Diffuse Nebula**

Constellation: **Sagittarius**
Coordinates:
18h 02’ 42”
-22° 57’ 60”

Close Star: **SAO-186841** (Kaus Borealis)
Catalog Objects: M-20/NGC-6514
Imaging Window: ***11:06 – 03:39**
Transit: **01:23 | 34°**

C-11 HD: Primary Focus

Lagoon Nebula (M-8)

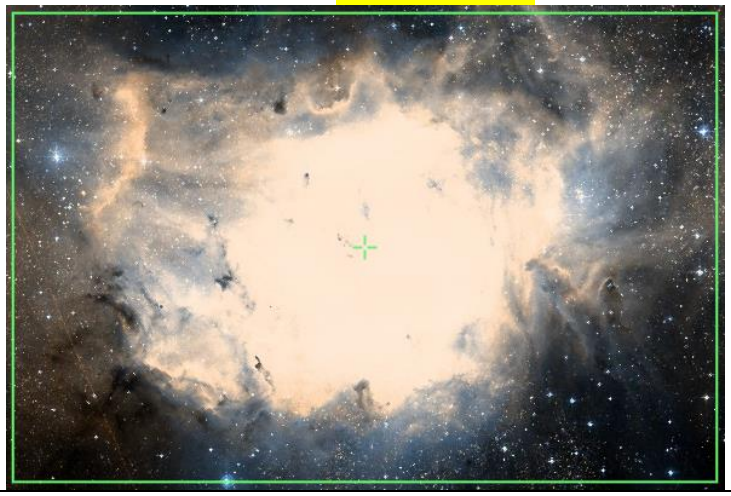
Config: |C11-HD|FR|ZWO6200MC|

Type: **Diffuse Nebula**

Constellation: **Sagittarius**
Coordinates:
18h 04’ 04”
-24° 19’ 52”

Close Star: **SAO-186841** (Kaus Borealis)
Catalog Objects: M-8/NGC-6523
Imaging Window: ***11:23 – 03:28**
Transit: **01:24 | 32°**

C-11 HD: Focal Reducer



Lagoon Nebula (M-8)

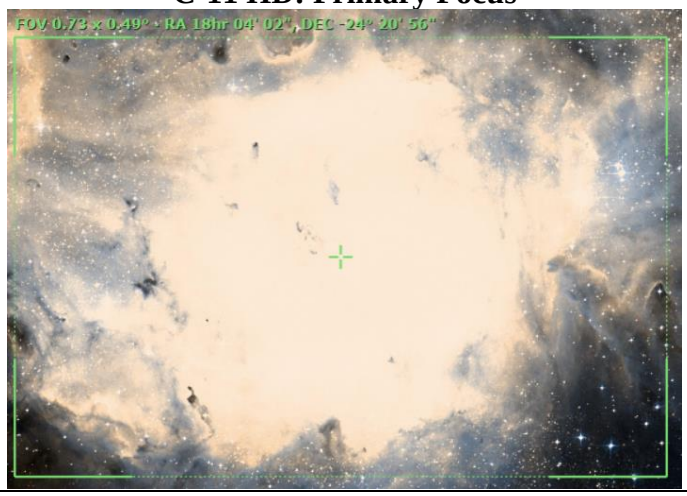
Config: |C11HD|ZWO6200MC|

Type: **Diffuse Nebula**

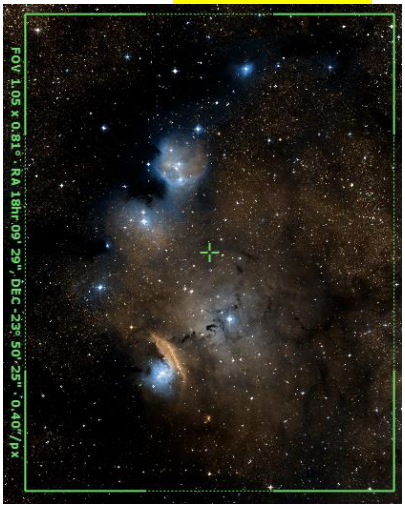
Constellation: **Sagittarius**
Coordinates:
18h 04’ 02”
-24° 20’ 56”

Close Star: **SAO-186841** (Kaus Borealis)
Catalog Objects: M-8/NGC-6523
Imaging Window: ***11:23 – 03:28**
Transit: **01:24 | 32°**

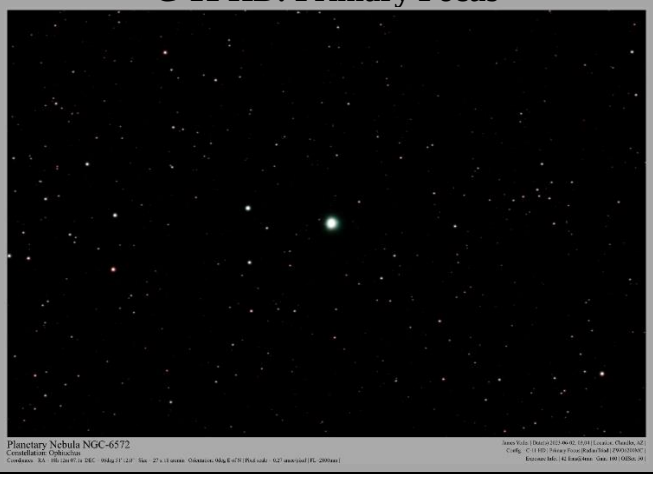
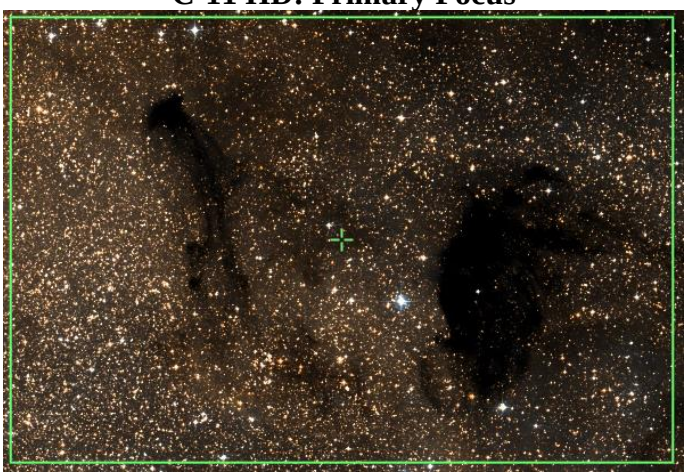
C-11 HD: Primary Focus



Prospective Imaging Objects – June 06 2024

M-21(NGC-6531) Config: |C11HD|ZWO6200MC| Type: **Open Cluster** Constellation: **Sagittarius** Coordinates: **18h 04' 13"** **-22° 30' 00"** Close Star: **SAO-186841** (Kaus Borealis) Catalog Objects: M-21/NGC-6531 Imaging Window: ***12:00 – 03:04** Transit: **01:24 | 34°**	**C-11 HD: Primary Focus** 
IC-4685 (IC-4685) Config: |C11-HD|FR|ZWO6200MC| Type: **Bright Nebula** Constellation: **Sagittarius** Coordinates: **18h 09' 29"** **-23° 50' 25"** Close Star: **SAO-209696** (Alnasl) Rotation 90° Catalog Objects: IC-1274 Imaging Window: ***11:28 – 03:36** Transit: **01:31 | 33°**	**C-11 HD: Focal Reducer** 
IC-1274 (IC-1275) Config: |C11-HD|FR|ZWO6200MC| Type: **Bright Nebula** Constellation: **Sagittarius** Coordinates: **18h 09' 41"** **-23° 52' 50"** Close Star: **SAO-184415** (Antares) Catalog Objects: IC-1274 Imaging Window: ***11:28 – 03:36** Transit: **01:31 | 33°**	**C-11 HD: Focal Reducer** 

Prospective Imaging Objects – June 06 2024

Emerald Nebula (NGC-6572) Config: |C11HD|ZWO6200MC| Type: **Planetary Nebula** Constellation: **Ophiuchus** Coordinates: **18h 12' 06"** **06° 51' 15"** Close Star: **SAO-102932** (Rasalhague) Catalog Objects: NGC-6572 Imaging Window: **10:59 – 03:36** Transit: **01:32 | 64°**	**C-11 HD: Primary Focus** 
B-93(LDN-327) Config: |C11HD|ZWO6200MC| Type: **Dark Nebula** Constellation: **Sagittarius** Coordinates: **18h 16' 12"** **-18° 10' 19"** Close Star: **SAO-186841** (Kaus Borealis) Catalog Objects: B-93/LDN-327, B-92 Imaging Window: ***11:31 – 03:36** Transit: **01:37 | 30°**	**C-11 HD: Primary Focus** 

Prospective Imaging Objects – June 06 2024

IC-1283 Region (NGC-6589)
Config: **C11-HD | HS | ZWO6200MC**

Type: **Dark Nebula**

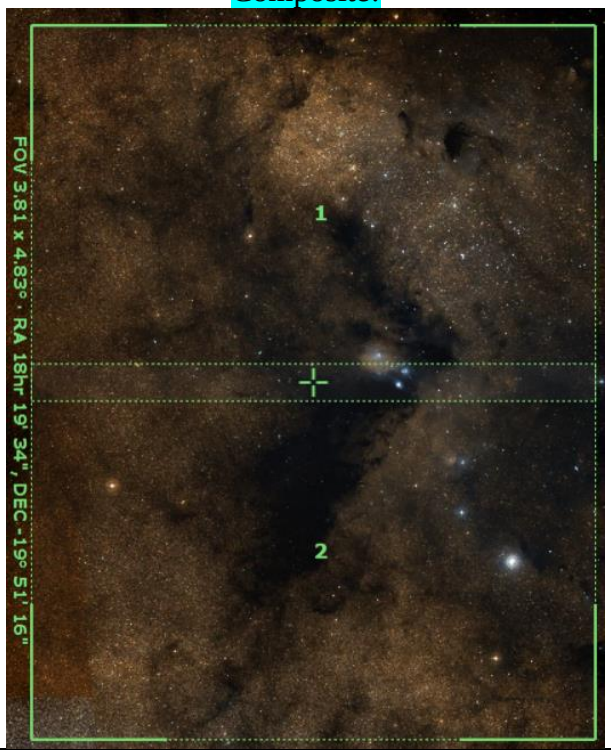
Constellation: **Sagittarius**
Coordinates:

- **Frame 1**
  - **RA: 18h 19’ 34”**
  - **DEC: -18° 42’ 41”**
- **Frame 2**
  - **RA: 18h 19’ 34”**
  - **DEC: -20° 59’ 51”**

Close Star: **SAO-186841** (Kaus Borealis)
Catalog Objects: IC-1283/NGC-6589

Imaging Window: ***11:41 – 03:36**
Transit: **01:37 | 37°**

C-11 HD: HyperStar v4
Composite!



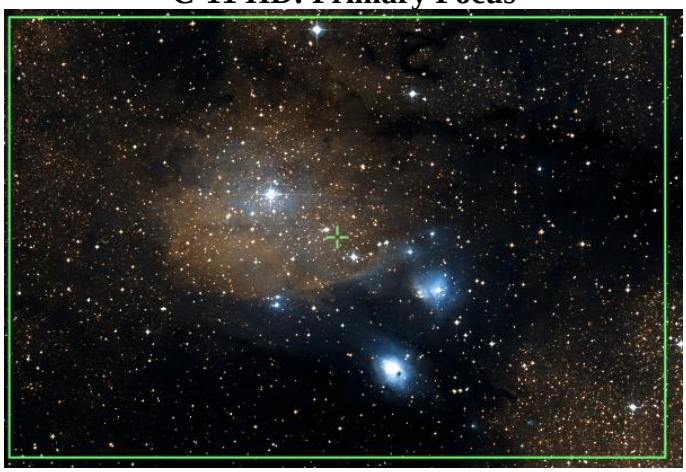
IC-1283(NGC-6589)
Config: |C11HD|ZWO6200MC|

Type: **Diffuse Nebula**

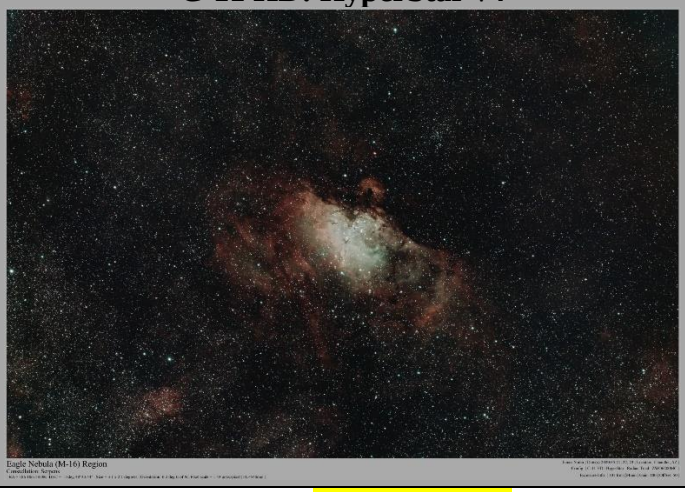
Constellation: **Sagittarius**
Coordinates:
18h 17’ 21”
-19° 43’ 10”

Close Star: **SAO-186841** (Kaus Borealis)
Catalog Objects: IC-1283/NGC-6589
Imaging Window: ***11:41 – 03:36**
Transit: **01:37 | 37°**

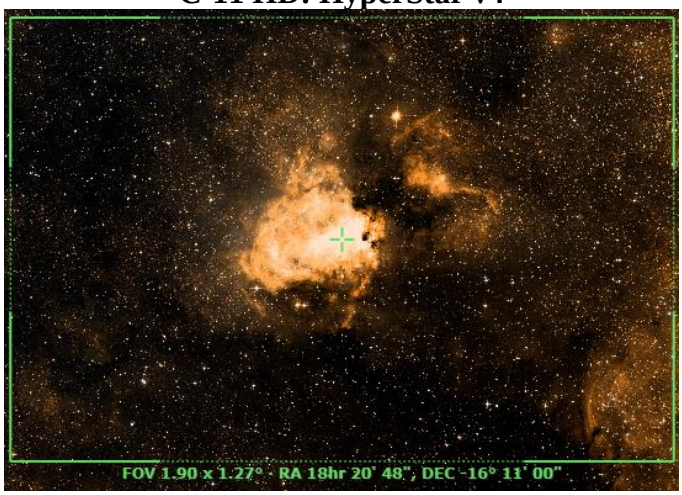
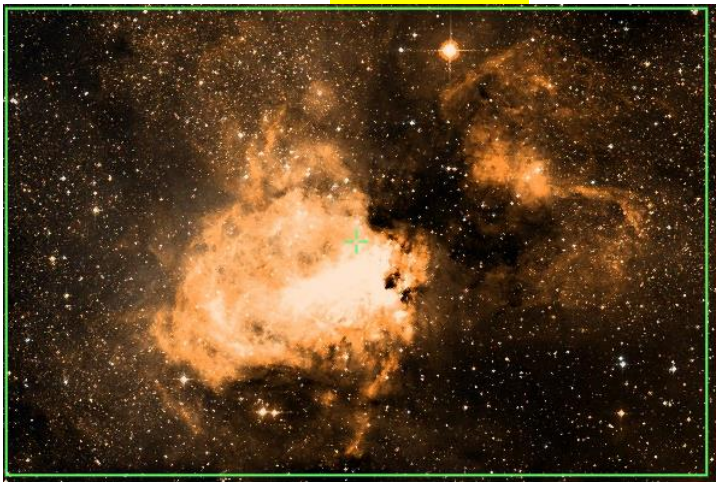
C-11 HD: Primary Focus



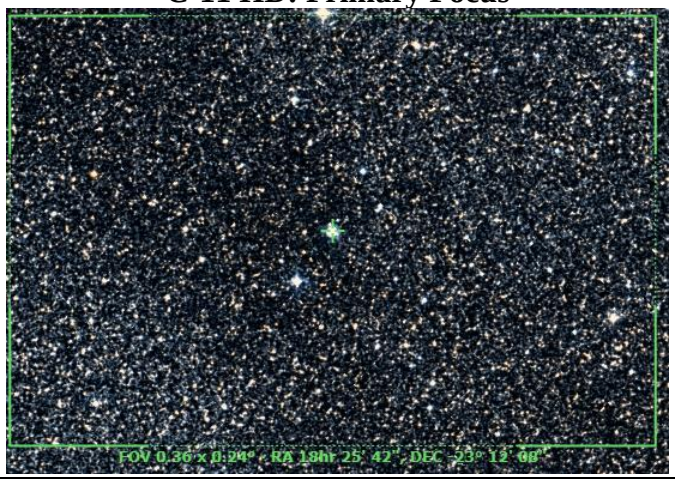
Prospective Imaging Objects – June 06 2024

Sagittarius Star Cloud(M-24) Config: |C11-HD|FR|ZWO6200MC| Type: **Open Cluster** Constellation: **Sagittarius** Coordinates: **18h 18' 42"** **-18° 30' 43"** Close Star: **SAO-184415** (Antares) Catalog Objects: M-24/IC-4715, NGC-6603 Imaging Window: ***11:31 – 03:36** Transit: **01:37 | 38°**	**C-11 HD: Focal Reducer** 
Eagle Nebula(M-16) Config: |C11-HD|HS|ZWO6200MC| Type: **Diffuse Nebula** Constellation: **Serpens** Coordinates: **18h 18' 52"** **-13° 51' 27"** Close Star: **SAO-186841** (Kaus Borealis) Catalog Objects: M-16/NGC-6611 Imaging Window: ***11:06 – 03:36** Transit: **01:39 | 43°**	**C-11 HD: HyperStar v4** 
Eagle Nebula(M-16) Config: |C11-HD|FR|ZWO6200MC| Type: **Diffuse Nebula** Constellation: **Serpens** Coordinates: **18h 18' 52"** **-13° 51' 27"** Close Star: **SAO-186841** (Kaus Borealis) Catalog Objects: M-16/NGC-6611 Imaging Window: ***11:06 – 03:36** Transit: **01:39 | 43°**	**C-11 HD: Focal Reducer** 

Prospective Imaging Objects – June 06 2024

M-18(NGC-6613) Config: |C11HD|ZWO6200MC| Type: **Open Cluster** Constellation: **Sagittarius** Coordinates: **18h 19' 58"** **-17° 06' 06"** Close Star: **SAO-186841** (Kaus Borealis) Catalog Objects: M-18/NGC-6613 Imaging Window: ***11:23 – 03:36** Transit: **01:40 | 40°**	**C-11 HD: Primary Focus** 
Omega Nebula(M-17) Config: |C11-HD|HS|ZWO6200MC| Type: **Diffuse Nebula** Constellation: **Sagittarius** Coordinates: **18h 20' 44"** **-16° 07' 04"** Close Star: **SAO-186841** (Kaus Borealis) Catalog Objects: M-17/NGC-6618, NGC-6618 Imaging Window: ***11:23 – 03:36** Transit: **01:41 | 40°**	**C-11 HD: HyperStar v4** 
Omega Nebula(M-17) Config: |C11-HD|FR|ZWO6200MC| Type: **Diffuse Nebula** Constellation: **Sagittarius** Coordinates: **18h 20' 44"** **-16° 07' 04"** Close Star: **SAO-186841** (Kaus Borealis) Catalog Objects: M-17/NGC-6618, NGC-6618 Imaging Window: ***11:23 – 03:36** Transit: **01:41 | 40°**	**C-11 HD: Focal Reducer** 

Prospective Imaging Objects – June 06 2024

Omega Nebula(M-17) Config: |C11HD|ZWO6200MC| Type: **Diffuse Nebula** Constellation: **Sagittarius** Coordinates: **18h 20' 44"** **-16° 07' 04"** Close Star: **SAO-186841** (Kaus Borealis) Catalog Objects: M-17/NGC-6618, NGC-6618 Imaging Window: ***11:23 – 03:36** Transit: **01:41 | 40°**	**C-11 HD: Primary Focus** 
M-28(NGC-6626) Config: |C11HD|ZWO6200MC| Type: **Globular Cluster** Constellation: **Sagittarius** Coordinates: **18h 24' 33"** **-24° 52' 10"** Close Star: **SAO-186841** (Kaus Borealis) Catalog Objects: M-28/NGC-6626 Imaging Window: ***12:42 – 02:49** Transit: **01:45 | 32°**	**C-11 HD: Primary Focus** 
NGC-6629 Config: |C11HD|ZWO6200MC| Type: **Planetary Nebula** Constellation: **Sagittarius** Coordinates: **18h 25' 42"** **-23° 12' 08"** Close Star: **SAO-186841** (Kaus Borealis) Catalog Objects: NGC-6629 Imaging Window: ***02:24 – 03:10** Transit: **01:46 | 33°**	**C-11 HD: Primary Focus** 

Prospective Imaging Objects – June 06 2024

NGC-6633
Config: |C11HD|ZWO6200MC|

Type: **Open Cluster**

Constellation: **Ophiuchus**
Coordinates:
18h 27’ 15”
06° 30’ 30”

Close Star: **SAO-125122** (Altair)
Catalog Objects: NGC-6633
Imaging Window: **11:15 – 03:36**
Transit: **01:47 | 63°**

C-11 HD: Primary Focus

M-69 (NGC-6637)
Config: |C11HD|ZWO6200MC|

Type: **Globular Cluster**

Constellation: **Sagittarius**
Coordinates:
18h 31’ 23”
-32° 20’ 51”

Close Star: **SAO-186841** (Kaus Borealis)
Catalog Objects: M-69/NGC-6637
Imaging Window: ***02:13 – 03:36**
Transit: **01:51 | 24°**

C-11 HD: Primary Focus

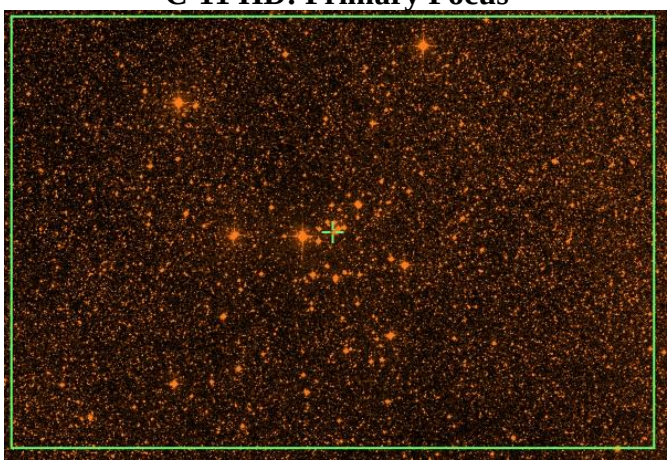
M-25 (IC-4725)
Config: |C11HD|ZWO6200MC|

Type: **Open Cluster**

Constellation: **Sagittarius**
Coordinates:
18h 31’ 45”
-19° 07’ 12”

Close Star: **SAO-186841** (Kaus Borealis)
Catalog Objects: M-25
Imaging Window: ***11:49 – 03:36**
Transit: **01:52 | 37°**

C-11 HD: Primary Focus



Prospective Imaging Objects – June 06 2024

M-22(NGC-6656)
Config: |C11HD|ZWO6200MC|

Type: **Globular Cluster**

Constellation: **Sagittarius**
Coordinates:
18h 36’ 24”
-23° 54’ 10”

Close Star: **SAO-186841** (Kaus Borealis)
Catalog Objects: M-22/NGC-6656
Imaging Window: ***12:49 – 03:17**
Transit: **01:56 | 33°**

C-11 HD: Primary Focus

M-70(NGC-6681)
Config: |C11HD|ZWO6200MC|

Type: **Globular Cluster**

Constellation: **Sagittarius**
Coordinates:
18h 43’ 13”
-32° 17’ 29”

Close Star: **SAO-186841** (Kaus Borealis)
Catalog Objects: M-70/NGC-6681
Imaging Window: ***12:16 – 03:36**
Transit: **02:03 | 24°**

C-11 HD: Primary Focus

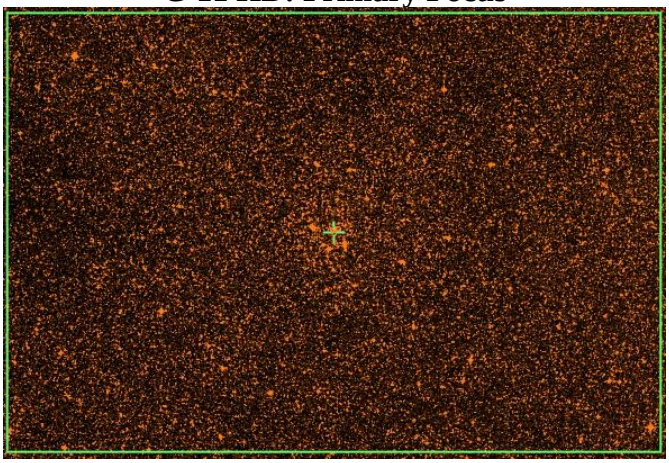
M-26(NGC-6694)
Config: |C11HD|ZWO6200MC|

Type: **Open Cluster**

Constellation: **Sagittarius**
Coordinates:
18h 45’ 15”
-09° 23’ 06”

Close Star: **SAO-125122** (Altair)
Catalog Objects: M-26/NGC-6694
Imaging Window: ***12:16 – 03:36**
Transit: **02:05 | 47°**

C-11 HD: Primary Focus



Prospective Imaging Objects – June 06 2024

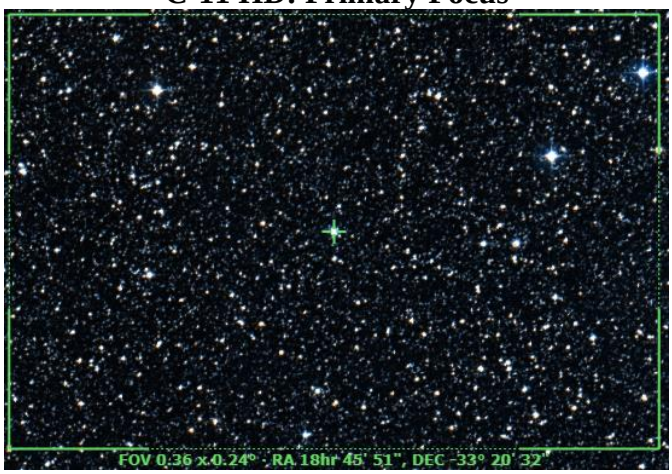
IC-4776
Config: |C11HD|ZWO6200MC|

Type: **Planetary Nebula**

Constellation: **Sagittarius**
Coordinates:
18h 45’ 51”
-33° 20’ 32”

Close Star: **SAO-186841** (Kaus Borealis)
Catalog Objects: IC-4776
Imaging Window: *1**2:34 – 03:36**
Transit: **02:06 | 23°**

C-11 HD: Primary Focus



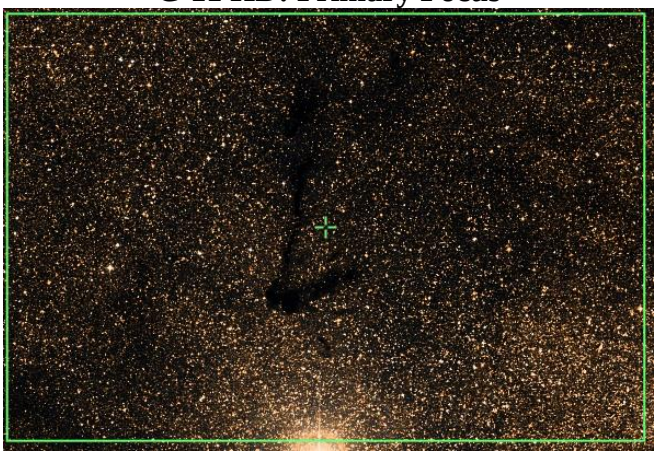
B-104(LDN-532)
Config: |C11HD|ZWO6200MC|

Type: **Dark Nebula**

Constellation: **Scutum**
Coordinates:
18h 47’ 09”
-04° 28’ 45”

Close Star: **SAO-125122** (Altair)
Catalog Objects: B-104/LDN-532
Imaging Window: ***12:27 – 03:36**
Transit: **02:07 | 52°**

C-11 HD: Primary Focus



Wild Duck Cluster(M-11/NGC-6705)
Config: |C11HD|ZWO6200MC|

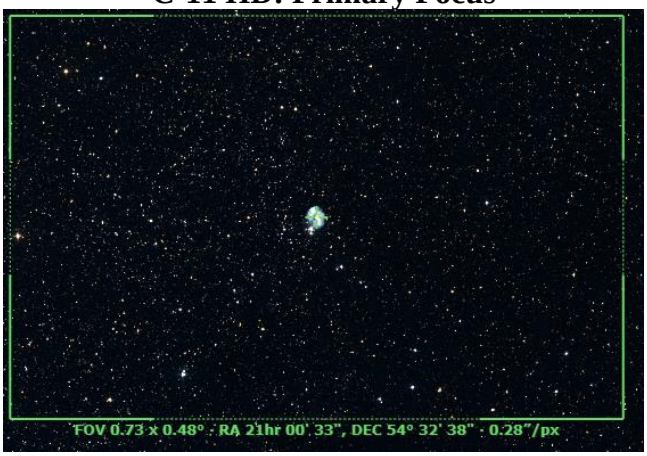
Type: **Open Cluster**

Constellation: **Scutum**
Coordinates:
18h 51’ 05”
-06° 16’ 12”

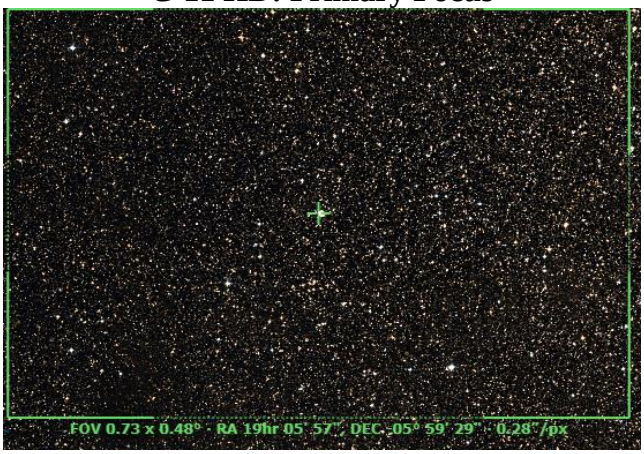
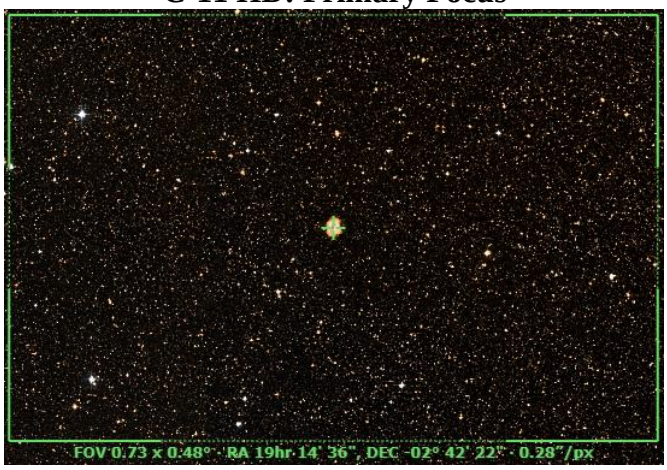
Close Star: **SAO-125122** (Altair)
Catalog Objects: M-11/NGC-6705
Imaging Window: ***12:07 – 03:36**
Transit: **02:11 | 50°**

C-11 HD: Primary Focus

Prospective Imaging Objects – June 06 2024

Ring Nebula(M-57/NGC-6720) Config: |C11HD|ZWO6200MC| Type: **Planetary Nebula** Constellation: **Lyra** Coordinates: **18h 53' 35"** **33° 01' 46"** Close Star: **SAO-67174** (Vega) Catalog Objects: M-57/NGC-6720 Imaging Window: **10:40 – 03:36** Transit: **02:13 | 90°**	**C-11 HD: Primary Focus** 
M-54 (NGC-6715) Config: |C11HD|ZWO6200MC| Type: **Globular Cluster** Constellation: **Sagittarius** Coordinates: **18h 55' 03"** **-30° 28' 39"** Close Star: **SAO-187448** (Nunki) Catalog Objects: M-54/NGC-6715 Imaging Window: ***12:13 – 03:36** Transit: **02:15 | 26°**	**C-11 HD: Primary Focus** 
Abell 50 (NGC-6742) Config: |C11HD|ZWO6200MC| Type: **Planetary Nebula** Constellation: **Draco** Coordinates: **21h 00' 33"** **54° 32' 38"** Close Star: **SAO-046872** (Iota Her) Catalog Objects: NGC-6742 Imaging Window: **10:33 – 03:36** Transit: **02:19 | 87°**	**C-11 HD: Primary Focus** 

Prospective Imaging Objects – June 06 2024

NGC-6751 (PK 29-5.1) Config: |C11HD|ZWO6200MC| Type: **Planetary Nebula** Constellation: **Aquila** Coordinates: **19h 05' 57"** **-05° 59' 29"** Close Star: **SAO-142931** (i Aquilae) Catalog Objects: NGC-6751 Imaging Window: ***12:16 – 03:36** Transit: **02:26 | 51°**	**C-11 HD: Primary Focus** 
NGC-6772 (PK 33-6.1) Config: |C11HD|ZWO6200MC| Type: **Planetary Nebula** Constellation: **Aquila** Coordinates: **19h 14' 36"** **-02° 42' 22"** Close Star: **SAO-142931** (i Aquilae) Catalog Objects: NGC-6772 Imaging Window: ***12:10 – 03:36** Transit: **02:34 | 54°**	**C-11 HD: Primary Focus** 
Barnard's Black Lizard (B-138) Config: **C11-HD | HS | ZWO6200MC** Type: **Dark Nebula** Constellation: **Aquila** Coordinates: **19h 15' 59"** **00° 13' 00"** Close Star: **SAO-125122** (Altair) Catalog Objects: B-138 Imaging Window: **12:25 – 03:36** Transit: **02:34 | 58°**	**C-11 HD: HyperStar v4** 

Prospective Imaging Objects – June 06 2024

M-56 (NGC-6779)
Config: |C11HD|ZWO6200MC|

Type: **Globular Cluster**

Constellation: **Lyra**
Coordinates:
19h 16’ 35”
30° 11’ 07”

Close Star: **SAO-67663** (Sulafat)
Catalog Objects: M-56/NGC-6779
Imaging Window: **11:07 – 03:36**
Transit: **02:36 | 87°**

C-11 HD: Primary Focus

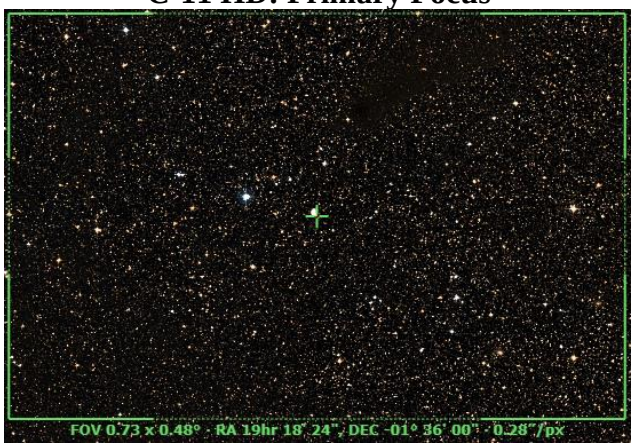
NGC-6778 (PK 34-6.1)
Config: |C11HD|ZWO6200MC|

Type: **Planetary Nebula**

Constellation: **Aquila**
Coordinates:
19h 18’ 24”
-01° 36’ 00”

Close Star: **SAO-124068** (Alya)
Catalog Objects: NGC-6778/PK 34-6.1
Imaging Window: **12:42 – 03:36**
Transit: **02:38 | 55°**

C-11 HD: Primary Focus



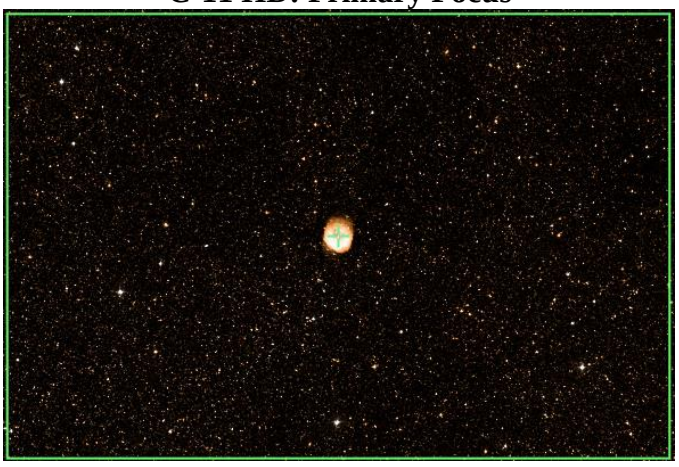
NGC-6781
Config: |C11HD|ZWO6200MC|

Type: **Planetary Nebula**

Constellation: **Aquila**
Coordinates:
19h 18’ 28”
06° 32’ 25”

Close Star: **SAO-125122** (Altar)
Catalog Objects: NGC-6781/PK 41-2.1
Imaging Window: **12:06 – 03:36**
Transit: **02:38 | 63°**

C-11 HD: Primary Focus



Prospective Imaging Objects – June 06 2024

LDN-673
Config: **C11-HD | HS | ZWO6200MC**

Type: **Dark Nebula**

Constellation: **Aquila**
Coordinates:
19h 18’ 14”
11° 15’ 40”

Close Star: **SAO-125122** (Altair)
Catalog Objects: LDN-673
Imaging Window: **11:53 – 03:36**
Transit: **02:41 | 68°**

C-11 HD: HyperStar v4

Lot Ness Monster (LDN-772)
Config: **C11-HD | HS | ZWO6200MC**

Type: **Dark Nebula**

Constellation: **Vulpecula**
Coordinates:
19h 26’ 46”
23° 08’ 59”

Close Star: **SAO-125122** (Altair)
Catalog Objects: LDN-772
Imaging Window: **11:28 – 03:36**
Transit: **02:45 | 80°**

C-11 HD: HyperStar v4

NGC6804
Config: |C11HD|ZWO6200MC|

Type: **Planetary Nebula**

Constellation: **Aquila**
Coordinates:
19h 31’ 35”
09° 13’ 33”

Close Star: **SAO-104728** (Omega Aq)
Catalog Objects: NGC-6826/
Imaging Window: **11:18 – 03:36**
Transit: **03:05 | 66°**

C-11 HD: Primary Focus

Prospective Imaging Objects – June 06 2024

M-55

Config: |C11HD|ZWO6200MC|

Type: **Globular Cluster**

Constellation: **Sagittarius**
Coordinates:
19h 39’ 59”
-30° 57’ 42”

Close Star: **SAO-191524** (Formalhaut)
Catalog Objects: M-55/NGC-6809
Imaging Window: ***01:07 – 03:36**
Transit: **03:00 | 26°**

C-11 HD: Primary Focus

Barnard’s E (B-143)

Config: |C11-HD|FR|ZWO6200MC|

Type: **Dark Nebula**

Constellation: **Aquila**
Coordinates:
19h 40’ 47”
11° 01’ 12”

Close Star: **SAO-125122** (Altair)
Catalog Objects: B-143/LDN-694
Imaging Window: **12:14 – 03:36**
Transit: **03:01 | 67°**

C-11 HD: Focal Reducer

NGC-6820 (LDN-772)

Config: **C11-HD | HS | ZWO6200MC**

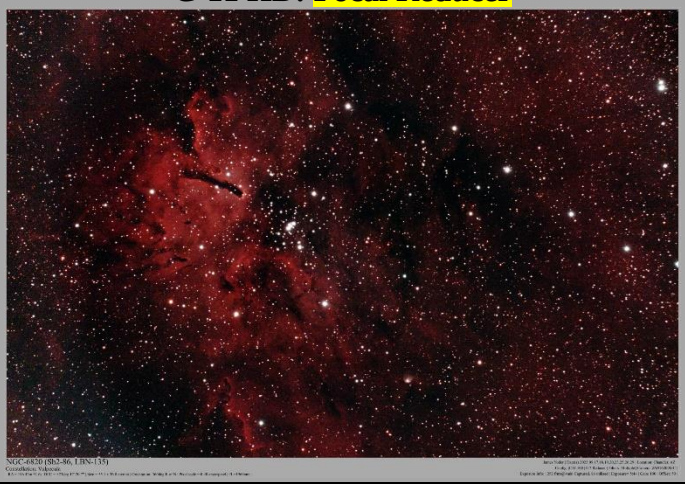
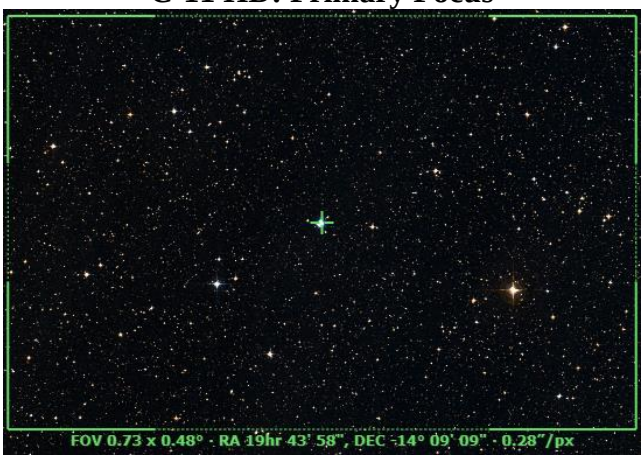
Type: **Open Cluster & Nebula**

Constellation: **Vulpecula**
Coordinates:
19h 43’ 37”
23° 19’ 29”

Close Star: **SAO-125122** (Altair)
Catalog Objects: NGC-6820
Imaging Window: **11:46 – 03:36**
Transit: **03:02 | 80°**

C-11 HD: HyperStar v4

Prospective Imaging Objects – June 06 2024

The Finger (NGC-6820) Config: |C11-HD|FR|ZWO6200MC| Type: **Open Cluster & Nebula** Constellation: **Vulpecula** Coordinates: **19h 42' 56"** **23° 18' 43"** Close Star: **SAO-125122** (Altair) Catalog Objects: NGC-6820 Imaging Window: **11:46 – 03:36** Transit: **03:02 | 80°**	**C-11 HD: Focal Reducer** 
The Finger (NGC-6820) Config: |C11HD|ZWO6200MC| Type: **Open Cluster & Nebula** Constellation: **Vulpecula** Coordinates: **19h 43' 01"** **23° 17' 12"** Close Star: **SAO-125122** (Altair) Catalog Objects: NGC-6820 Imaging Window: **11:46 – 03:36** Transit: **03:02 | 80°**	**C-11 HD: Primary Focus** 
Little Gem (NGC-6818) Config: |C11HD|ZWO6200MC| Type: **Planetary Nebula** Constellation: **Sagittarius** Coordinates: **19h 43' 58"** **-14° 09' 09"** Close Star: **SAO-143021** (16 Aql) Catalog Objects: NGC-6818/PK 25-17.1 Imaging Window: **01:10 – 03:36** Transit: **03:04 | 43°**	**C-11 HD: Primary Focus** 

Prospective Imaging Objects – June 06 2024

Blinking Planetary (NGC-6826) Config: |C11HD|ZWO6200MC| Type: **Planetary Nebula** Constellation: **Cygnus** Coordinates: **19h 44' 48"** **50° 31' 32"** Close Star: **SAO-31815** (13 Cyg) Catalog Objects: NGC-6826/NGC-6826 Imaging Window: **11:18 – 03:36** Transit: **03:05 | 73°**	**C-11 HD: Primary Focus** 
Barnard's Galaxy (NGC 6822) Config: |C11HD|ZWO6200MC| Type: **Galaxy** Constellation: **Sagittarius** Coordinates: **19h 44' 57"** **-14° 48' 23"** Close Star: **SAO-191524** (Formalhaut) Catalog Objects: NGC-6822 Imaging Window: **01:13 – 03:36** Transit: **03:05 | 42°**	**C-11 HD: Primary Focus** 
M-71 (NGC-6838) Config: |C11HD|ZWO6200MC| Type: **Globular Cluster** Constellation: **Sagitta** Coordinates: **19h 53' 46"** **18° 46' 43"** Close Star: **SAO-125122** (Altair) Catalog Objects: M-71/NGC-6838 Imaging Window: **12:06 – 03:36** Transit: **03:14 | 75°**	**C-11 HD: Primary Focus** 

Prospective Imaging Objects – June 06 2024

NGC 6842 (PK 65+0.1)

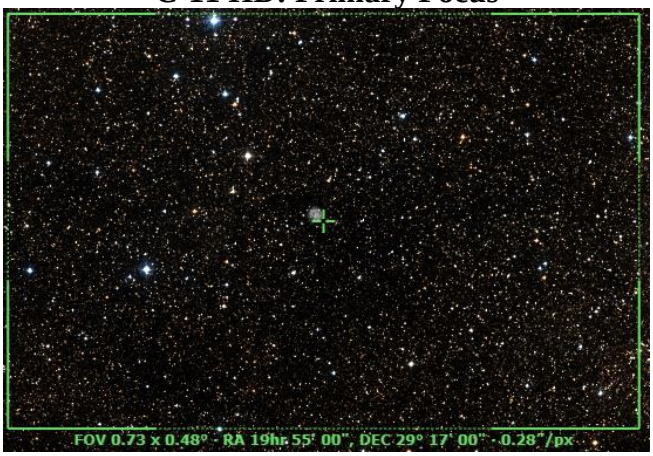
Config: |C11HD|ZWO6200MC|

Type: **Planetary Nebula**

Constellation: **Vulpecula**
Coordinates:
19h 55’ 00”
29° 17’ 00”

Close Star: **SAO-68637** (12 Cyg)
Catalog Objects: NGC-6842/PK 65+0.1
Imaging Window: **11:47 – 03:36**
Transit: **03:15 | 86°**

C-11 HD: Primary Focus



Dumbbell Nebula (M-27, NGC-6853)

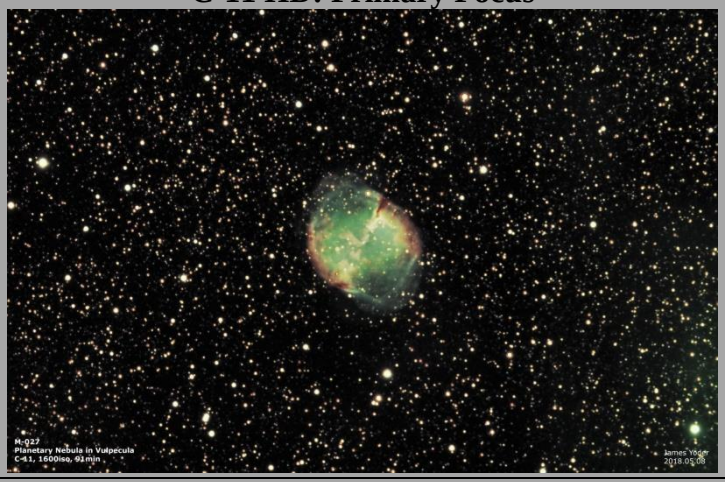
Config: |C11HD|ZWO6200MC|

Type: **Planetary Nebula**

Constellation: **Vulpecula**
Coordinates:
19h 59’ 36”
22° 43’ 17”

Close Star: **SAO-125122** (Altair)
Catalog Objects: M-27/NGC-6853
Imaging Window: **12:03 – 03:36**
Transit: **03:19 | 79°**

C-11 HD: Primary Focus



Fish on the Platter (B-144)

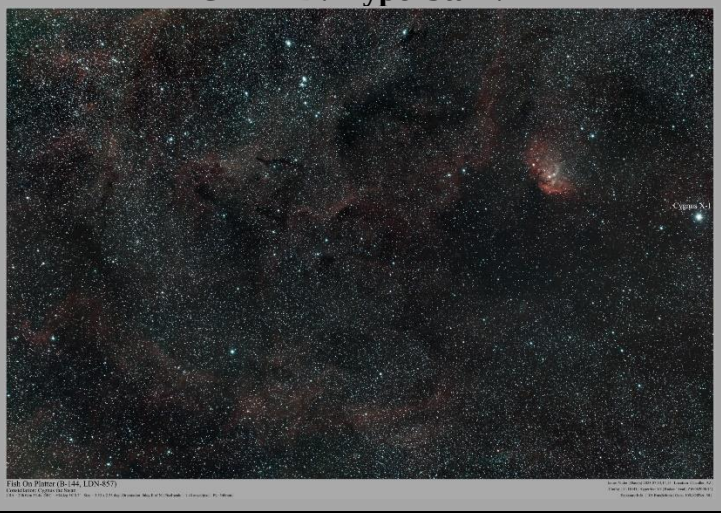
Config: **C11-HD | HS | ZWO6200MC**

Type: **Dark Nebula**

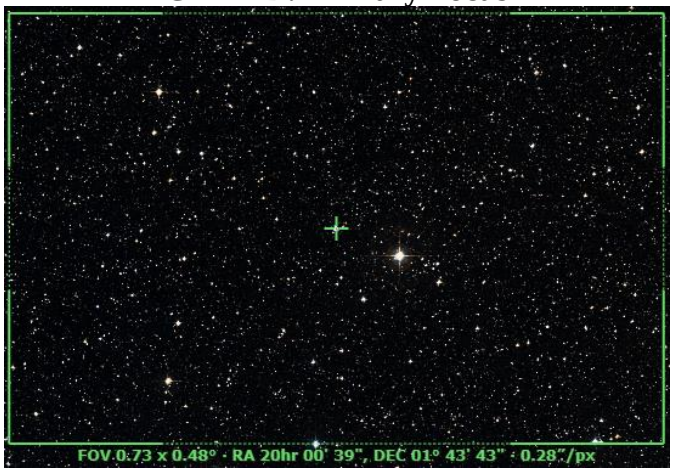
Constellation: **Cygnus**
Coordinates:
20h 02’ 28”
34° 57’ 42”

Close Star: **SAO-125122** (Altair)
Catalog Objects: B-144, SH2-101
Imaging Window: **11:41 – 03:36**
Transit: **03:18 | 89°**

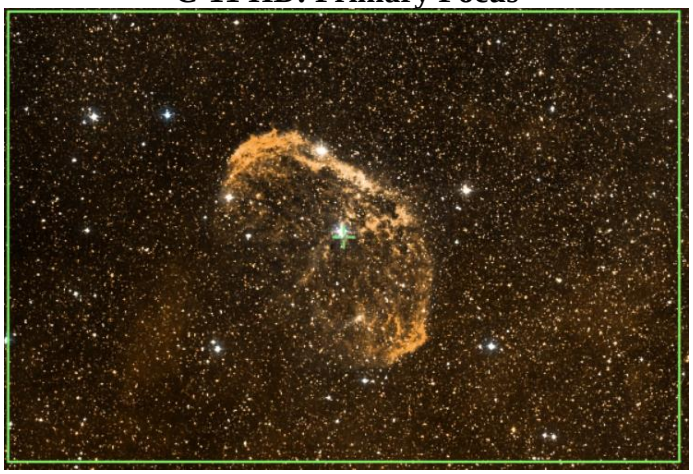
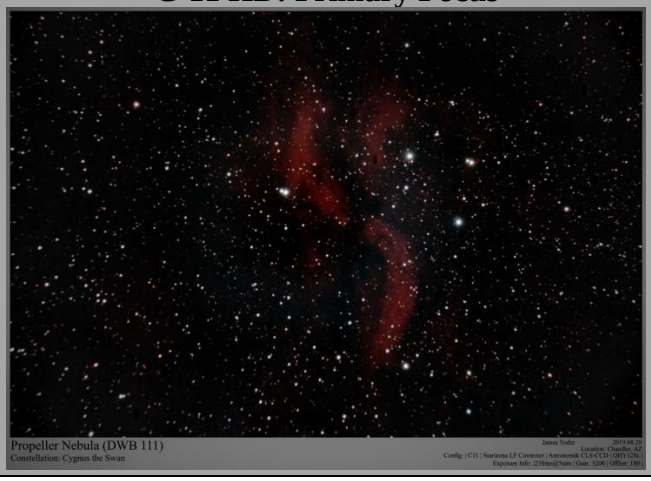
C-11 HD: HyperStar v4



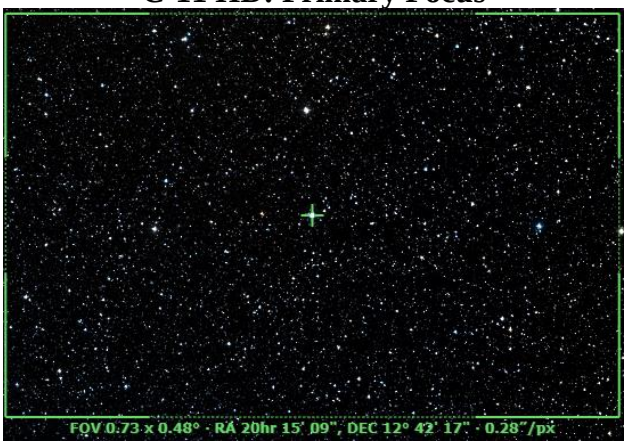
Prospective Imaging Objects – June 06 2024

Tulip Nebula (SH2-101) Config: |C11-HD|FR|ZWO6200MC| Type: **Diffuse Nebula** Constellation: **Cygnus** Coordinates: **20h 00' 58"** **35° 16' 30"** Close Star: **SAO-125122** (Altair) Catalog Objects: SH2-101 Imaging Window: **11:41 – 03:36** Transit: **03:18 | 89°**	**C-11 HD: Focal Reducer** 
Tulip Nebula (SH2-101) Config: |C11HD|ZWO6200MC| Type: **Diffuse Nebula** Constellation: **Cygnus** Coordinates: **20h 00' 57"** **35° 20' 11"** Close Star: **SAO-125122** (Altair) Catalog Objects: B-144 Imaging Window: **11:41 – 03:36** Transit: **03:18 | 89°**	**C-11 HD: Primary Focus** 
NGC-6852 (PK 42-14.1) Config: |C11HD|ZWO6200MC| Type: **Planetary Nebula** Constellation: **Aquila** Coordinates: **20h 00' 39"** **01° 43' 43"** Close Star: **SAO-144150** (65 Aql) Catalog Objects: NGC-6852/PK 42-14.1 Imaging Window: **01:08 – 03:36** Transit: **03:20 | 58°**	**C-11 HD: Primary Focus** 

Prospective Imaging Objects – June 06 2024

M-75 (NGC-6864) Config: |C11HD|ZWO6200MC| Type: **Globular Cluster** Constellation: **Sagittarius** Coordinates: **20h 06’ 05”** **-21° 55’ 15”** Close Star: **SAO-191524** (Formalhaut) Catalog Objects: M-75/NGC-6864 Imaging Window: ***01:46 – 03:36** Transit: **03:26 | 35°**	**C-11 HD: Primary Focus** 
Crescent Nebula (NGC-6888) Config: |C11HD|ZWO6200MC| Type: **Diffuse Nebula** Constellation: **Cygnus** Coordinates: **20h 12’ 06”** **38° 21’ 00”** Close Star: **SAO-125122** (Altair) Catalog Objects: NGC-6888/Sh2-105 Imaging Window: **11:52 – 03:36** Transit: **03:32 | 85°**	**C-11 HD: Primary Focus** 
Propeller Nebula (DWB-111) Config: |C11HD|ZWO6200MC| Type: **Diffuse Nebula** Constellation: **Cygnus** Coordinates: **20h 16’ 09”** **43° 41’ 47”** Close Ref Object: LDN 891 Close Star: **SAO-048796** (Al Fawaris) Catalog Objects: Simeis-57/DWB-111 Imaging Window: **11:48 – 03:36** Transit: **03:31 | 79°**	**C-11 HD: Primary Focus** 

Prospective Imaging Objects – June 06 2024

NGC 6891 (PK 54-12.1) Config: |C11HD|ZWO6200MC| Type: **Planetary Nebula** Constellation: **Delphinus** Coordinates: **20h 15’ 09”** **12° 42’ 17”** Close Star: **SAO-106230** (2 Del) Catalog Objects: NGC-6991 Imaging Window: **12:43 – 03:36** Transit: **03:35 | 77°**	**C-11 HD: Primary Focus** 
NGC-6894 (PK 69-2.1) Config: |C11HD|ZWO6200MC| Type: **Planetary Nebula** Constellation: **Cygnus** Coordinates: **20h 16’ 24”** **30° 33’ 57”** Close Star: **SAO-71070** (64 Cyg) Catalog Objects: NGC-6994 Imaging Window: **12:06 – 03:36** Transit: **03:36 | 87°**	**C-11 HD: Primary Focus** 

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Page

Prospective Imaging Objects – June 06 2024

Imaging Summary June 06, 2024

Astronomical Dusk = 09:17 Astronomical Dawn = 03:36

HyperStar: Nebula

Configuration	Class	Type	Object	Imaging Window	Transit	Page Ref	Comments
HyperStar	Nebula	Nebula	SH2-1	*09:30-01:13	11:19	05	Scorpius: Diffuse Nebula
HyperStar	Nebula	Nebula	IC-4592	*09:37-01:25	11:33	07	Scorpius: Blue Horsehead Nebula
HyperStar	Nebula	Nebula	IC-4604	*09:34-02:04	11:46	08	Scorpius: Ophiuchus Complex
HyperStar	Nebula	Nebula	M-8	*11:23-03:28	01:24	18	
HyperStar	Nebula	Nebula	M-16	*11:06-03:36	01:39	22	Serpens: Eagle Nebula
HyperStar	Nebula	Nebula	M-17	*11:23-03:36	01:41	23	Sagittarius: Omega Nebula
HyperStar	Nebula	Nebula	NGC-6820	11:46 – 03:36	03:02	33	Vulpecula: Open Cluster & Nebula
HyperStar	Nebula	Nebula	B-144	11:41 – 03:36	03:18	36	Cygnus: Fish on the Platter Region

HyperStar: Broad Spectrum

Configuration	Class	Type	Object	Imaging Window	Transit	Page Ref	Comments
HyperStar	Broad Spectrum	DN, GC	M-62 Region	*11:16-01:23	12:21	10	Ophiuchus: Globular Cluster and Dark Nebula
HyperStar	Broad Spectrum	DN	LDN-42	*11:03-02:49	12:52	13	Comp4! Ophiuchus: Dark Horse Nebula
HyperStar	Broad Spectrum	DN	LDN-1773	*11:03-02:22	12:40	13	Ophiuchus: Pipe Nebula
HyperStar	Broad Spectrum	DN	B-72	*10:34-02:53	12:44	14	Ophiuchus: Snake Nebula
HyperStar	Broad Spectrum	DN	IC-1283	*11:41-03:36	01:37	21	Comp2! Sagittarius: IC-1283 Region
HyperStar	Broad Spectrum	DN	B-138	12:25 – 03:36	02:34	30	Aquila: Barnard's Black Lizard
HyperStar	Broad Spectrum	DN	LDN-673	11:53 – 03:36	02:41	31	Aquila: Dark Nebula Area
HyperStar	Broad Spectrum	DN	LDN-772	11:28 – 03:36	02:45	31	Vulpecula: Lot Ness Monster

Prospective Imaging Objects – June 06 2024

Imaging Summary June 06, 2024

Astronomical Dusk = 09:17 Astronomical Dawn = 03:36

Focal Reducer: Nebula

Configuration	Class	Type	Object	Imaging Window	Transit	Page Ref	Comments
Focal Reducer	Nebula	Nebula	SH2-9	09:48 – 01:38	11:42	07	Scorpius: Nebula next to Antares
Focal Reducer	Nebula	Nebula	M-20	*11:06-03:39	01:23	18	Sagittarius: Trifid Nebula
Focal Reducer	Nebula	Nebula	M-8	*11:23-01:24	01:24	19	Sagittarius: Lagoon Nebula
Focal Reducer	Nebula	Nebula	IC-4685	*11:28-03:36	01:31	20	Rotation 90: Sagittarius: DN and Emission Nebula
Focal Reducer	Nebula	Nebula	IC-1274	*11:28-03:36	01:31	20	Sagittarius: Bright and Dark Nebula
Focal Reducer	Nebula	Nebula	M-16	*11:06-03:36	01:39	23	Serpens: Eagle Nebula
Focal Reducer	Nebula	Nebula	M-17	*11:23-03:36	01:41	24	Sagittarius: Omega Nebula
Focal Reducer	Nebula	Nebula	NGC-6820	11:46 – 03:36	03:02	33	Vulpecula: The Finger
Focal Reducer	Nebula	Nebula	SH2-101	11:41 – 03:36	03:18	36	Cygnus: Tulip Nebula

Focal Reducer: Broad Spectrum

Configuration	Class	Type	Object	Imaging Window	Transit	Page Ref	Comments
Focal Reducer	Broad Spectrum	DN, GC	M-9	*10:37-02:49	12:39	12	Ophiuchus: Globular Cluster and Dark Nebula
Focal Reducer	Broad Spectrum	DN	LDN-1773	*11:03-02:22	12:40	14	Ophiuchus: Pipe Nebula
Focal Reducer	Broad Spectrum	DN	B-72	*10:34-02:53	12:44	14	Ophiuchus: Snake Nebula
Focal Reducer	Broad Spectrum	DN	B-75	*10:26-03:10	12:45	15	Ophiuchus: Barnard 75
Focal Reducer	Broad Spectrum	OC, DN	M-24	*11:31-03:36	01:37	22	Sagittarius: Sagittarius Star Cloud
Focal Reducer	Broad Spectrum	DN	B-143	12:14 – 03:36	03:01	32	Aquila: Barnard's E

Prospective Imaging Objects – June 06 2024

Imaging Summary June 06, 2024

Astronomical Dusk = 09:17 Astronomical Dawn = 03:36

Primary Focus: Nebula

Configuration	Class	Type	Object	Imaging Window	Transit	Page Ref	Comments
Primary Focus	Nebula	PN	NGC-6058	09:17 – 03:14	11:25	06	Hercules: Small PN
Primary Focus	Nebula	PN	IC-4593	09:17 – 02:29	11:32	06	Hercules: White Eyed Pea
Primary Focus	Nebula	PN	Abell-39	09:17 – 03:20	11:48	08	Hercules: Perfect Planetary PK 47+42.1
Primary Focus	Nebula	PN	NGC-6210	09:17 – 03:30	12:05	09	Hercules: Small PN Turtle Nebula
Primary Focus	Nebula	PN	NGC-6309	*10:34-02:38	12:34	11	Hercules: Box Nebula
Primary Focus	Nebula	PN	NGC-6359	*10:40-03:01	12:49	15	Ophiuchus: Little Ghost
Primary Focus	Nebula	PN	NGC-6445	*11:16-03:10	01:09	16	Sagittarius: Box Nebula
Primary Focus	Nebula	PN	NGC-6543	09:54 – 03:36	01:19	17	Draco: Cat's Eye Nebula
Primary Focus	Nebula	Nebula	M-20	*11:06-03:39	01:23	18	Sagittarius: Trifid Nebula
Primary Focus	Nebula	Nebula	M-8	*11:23-03:28	01:24	19	Sagittarius: Lagoon Nebula
Primary Focus	Nebula	PN	NGC-6572	10:59 – 03:36	01:32	20	Ophiuchus: Emerald Nebula
Primary Focus	Nebula	Nebula	IC-1283	*11:41-03:36	01:37	22	Sagittarius: Nebula region NGC-6589
Primary Focus	Nebula	Nebula	M-17	*11:23-03:36	01:41	24	Sagittarius: Omega Nebula
Primary Focus	Nebula	PN	NGC-6629	*02:24-03:10	01:46	25	Sagittarius: Sm Planetary Nebula
Primary Focus	Nebula	PN	IC-4776	*12:34-03:36	02:06	27	Sagittarius: Sm Planetary Nebula
Primary Focus	Nebula	PN	M-57	10:40 – 03:36	02:18	28	Lyra: Ring Nebula
Primary Focus	Nebula	PN	Abell-50	10:33 – 03:36	02:19	29	Draco: Med Planetary Nebula
Primary Focus	Nebula	PN	NGC-6751	*12:16-03:36	02:26	29	Aquila: Small Planetary Nebula
Primary Focus	Nebula	PN	NGC-6772	*12:10-03:36	02:34	29	Aquila: Med Planetary Nebula
Primary Focus	Nebula	PN	NGC-6778	12:42 – 03:36	02:38	30	Aquila: Small Planetary Nebula
Primary Focus	Nebula	PN	NGC-6781	12:06 – 03:36	02:38	31	Aquila: Med Planetary Nebula
Primary Focus	Nebula	PN	NGC-6804	11:18 – 03:36	03:05	32	Aquila: Small Planetary Nebula
Primary Focus	Nebula	Nebula	NGCC-6820	11:46 – 03:36	03:02	33	Vulpecula: The Finger
Primary Focus	Nebula	PN	NGC-6818	01:10 – 03:36	03:04	34	Sagittarius: Little Gem

Prospective Imaging Objects – June 06 2024

Configuration	Class	Type	Object	Imaging Window	Transit	Page Ref	Comments
Primary Focus	Nebula	PN	NGC-6826	11:18 – 03:36	03:05	34	Cygnus: Blinking Planetary
Primary Focus	Nebula	PN	NGC-6842	11:47 – 03:36	03:15	35	Vulpecula: Sm-Med Planetary Nebula
Primary Focus	Nebula	PN	M-27	12:03 – 03:36	03:19	35	Vulpecula: Dumbbell Nebula
Primary Focus	Nebula	Nebula	SH2-101	11:41 – 03:36	03:18	36	Cygnus: Tulip Nebula
Primary Focus	Nebula	PN	NGC-6852	01:08 – 03:36	03:20	37	Aquila: Small Planetary Nebula
Primary Focus	Nebula	Nebula	NGC-6888	11:52 – 03:36	03:32	37	Cygnus: Crescent Nebula
Primary Focus	Nebula	Nebula	DWB-111	11:48 – 03:36	03:31	38	Cygnus: Propeller Nebula
Primary Focus	Nebula	PN	NGC-6891	12:43 – 03:36	03:35	38	Delphinus: Small Planetary Nebula
Primary Focus	Nebula	PN	NGC-5894	12:06 – 0-3:36	03:36	38	Cygnus: Sm-Med Planetary Nebula

Prospective Imaging Objects – June 06 2024

Imaging Summary June 06, 2024

Astronomical Dusk = 09:17 Astronomical Dawn = 03:36

Primary Focus: Broad Spectrum

Configuration	Class	Type	Object	Imaging Window	Transit	Page Ref	Comments
Primary Focus	Broad Spectrum	Galaxy	M-3	09:17 – 12:36	09:03	02	Canes Venatici: Large Globular
Primary Focus	Broad Spectrum	Galaxy	NGC-5395	09:17 – 01:05	09:19	02	Canes Venatici: Heron Galaxy
Primary Focus	Broad Spectrum	Galaxy	M-101	09:17 – 01:17	09:24	02	Ursa Major: Pinwheel Galaxy
Primary Focus	Broad Spectrum	Globular	NGC-5466	09:17 – 12:59	09:26	03	Bootes: Large open globular
Primary Focus	Broad Spectrum	Galaxy	M-102	09:17 – 02:19	10:27	03	Draco: Spindle Galaxy
Primary Focus	Broad Spectrum	Galaxies	NGC-5905, 5908	09:17 – 02:28	10:36	03	Draco: Face on and Edge on galaxy pair
Primary Focus	Broad Spectrum	Galaxy	NGC-5907	09:17 – 02:28	10:36	04	Draco: Splinter Galaxy
Primary Focus	Broad Spectrum	Globular	M-5	09:17 – 01:00	10:39	04	Serpens: Med Globular
Primary Focus	Broad Spectrum	Galaxies	NGC-5985, 81, 82	09:17 – 02:49	11:00	04	Draco: Draco Trio of galaxies
Primary Focus	Broad Spectrum	Galaxies	NGC-6027A-E	09:17 – 02:38	11:20	05	Serpens: Seyfert's Sextet
Primary Focus	Broad Spectrum	Galaxies	Abell-2151	09:17 – 02:37	11:26	05	Hercules: Hercules Galaxy Cluster
Primary Focus	Broad Spectrum	Galaxy	Arp-188	09:17 – 03:19	11:26	06	Draco: Tadpole Galaxy
Primary Focus	Broad Spectrum	Globular	M-80	*09:26-02:00	11:37	07	Scorpius: Med Globular NGC-6093
Primary Focus	Broad Spectrum	Globular	M-4	*09:55-01:34	11:44	08	Scorpius: Large Globular Cluster NGC-6121
Primary Focus	Broad Spectrum	Globular	M-107	*09:48-01:57	11:53	09	Ophiuchus: Med Globular NGC-6171
Primary Focus	Broad Spectrum	Globular	M-13	09:17 – 03:30	12:05	09	Hercules: The Great Hercules Globular NGC-5205
Primary Focus	Broad Spectrum	Globular	M-12	10:12 – 02:09	12:07	10	Ophiuchus: Large Globular NGC-6218
Primary Focus	Broad Spectrum	Globular	M-10	10:35 – 02:06	12:17	10	Ophiuchus: Large Globular NGC-6254
Primary Focus	Broad Spectrum	Globular	M-62	*11:16-01:23	12:21	11	Ophiuchus: Large Globular NGC-6266
Primary Focus	Broad Spectrum	Globular	M-19	*10:37-02:15	12:23	11	Ophiuchus: Med Globular NGC-6273
Primary Focus	Broad Spectrum	Globular	M-92	09:17 – 03:36	12:37	12	Hercules: Med Globular NGC-6341
Primary Focus	Broad Spectrum	Globular	M-9	*10:37-02:49	12:39	12	Ophiuchus: Med Globular NGC-6333
Primary Focus	Broad Spectrum	Globular	M-14	11:10 – 02:52	12:58	15	Ophiuchus: Med Globular NGC-6402

Prospective Imaging Objects – June 06 2024

Configuration	Class	Type	Object	Imaging Window	Transit	Page Ref	Comments
Primary Focus	Broad Spectrum	OC	M-6	*11:16-02:46	01:00	16	Scorpius: Butterfly Cluster
Primary Focus	Broad Spectrum	DN	B-84	*11:19-03:04	01:07	16	Sagittarius: Praying Matis Nebula
Primary Focus	Broad Spectrum	OC	M-7	*12:03-02:15	01:14	17	Scorpius: Ptolemy Cluster
Primary Focus	Broad Spectrum	OC	M-23	*11:19-03:25	01:17	17	Sagittarius: Open Cluster NGC-6494
Primary Focus	Broad Spectrum	OC	M-21	*12:00-03:04	01:24	19	Sagittarius: Open Cluster NGC-6531
Primary Focus	Broad Spectrum	DN	B-93	*11:31-03:36	01:37	21	Sagittarius: Dark Nebula LDN-327
Primary Focus	Broad Spectrum	OC	M-18	*11:23-03:36	01:40	23	Sagittarius: Open Cluster NGC-66133
Primary Focus	Broad Spectrum	GC	M-28	*12:42-02:49	01:45	24	Sagittarius: Med Globular NGC-6626
Primary Focus	Broad Spectrum	OC	NGC-6633	11:15 – 03:36	01:47	25	Ophiuchus: Open Cluster NGC-6633
Primary Focus	Broad Spectrum	GC	M-69	*02:13-03:36	01:51	25	Sagittarius: Med Globular NGC-6637
Primary Focus	Broad Spectrum	OC	M-25	*11:49-03:36	01:52	26	Sagittarius: Open Cluster IC-4725
Primary Focus	Broad Spectrum	GC	M-22	*12:49-03:17	01:56	26	Sagittarius: Med Globular NGC-6656
Primary Focus	Broad Spectrum	GC	M-70	*12:16-03:36	02:03	26	Sagittarius: Sm Globular NGC-6681
Primary Focus	Broad Spectrum	OC	M-26	*12:16-03:36	02:05	27	Sagittarius: Open Cluster NGC-6694
Primary Focus	Broad Spectrum	DN	B-104	*12:27-03:36	02:07	27	Scutum: Check mark
Primary Focus	Broad Spectrum	OC	M-11	*12:07-03:36	02:11	28	Scutum: Wild Duck Cluster
Primary Focus	Broad Spectrum	GC	M-54	*12:13-03:36	02:15	28	Sagittarius: Med Globular
Primary Focus	Broad Spectrum	GC	M-56	01:07 – 03:36	02:36	30	Lyra: Med Globular
Primary Focus	Broad Spectrum	GC	M-55	*01:07-03:36	03:00	32	Sagittarius: Large Globular
Primary Focus	Broad Spectrum	Galaxy	NGC-6822	01:13 – 03:36	03:05	34	Sagittarius: Large Galaxy
Primary Focus	Broad Spectrum	GC	M-71	12:06 – 03:36	03:14	35	Sagitta: Med Globular
Primary Focus	Broad Spectrum	GC	M-75	*01:46-03:36	03:26	37	Sagittarius: Med Globular

Prospective Imaging Objects – June 06 2024

Imaging Summary June 06, 2024

Astronomical Dusk = 09:17 Astronomical Dawn = 03:36

Primary Prospects

Plan	Configuration	Class	Type	Object	Imaging Window	Transit	Page Ref	Comments
	HyperStar	Nebula	Nebula	SH2-1	*09:30-01:13	11:19	05	Scorpius: Blue Nebula
	HyperStar	Broadband	DN, GC	M-62 Region	*11:16-01:23	12:21	10	Ophiuchus: M-62 Region
	HyperStar	Broadband	DN	LDN-42	*11:03-02:49	12:52	13	Comp4! Ophiuchus: Dark Horse Nebula
	HyperStar	Broadband	DN	B-72	*10:34-02:53	12:44	14	Ophiuchus: Snake Nebula
	HyperStar	Broadband	DN	IC-1283	*11:41-03:36	01:37	21	Comp2! Sagittarius: DNebula NGC-6589
	HyperStar	Nebula	Nebula	M-17	*11:23-03:36	01:41	23	Sagittarius: Omega Nebula
	HyperStar	Broadband	DN	B-138	12:25 – 03:36	02:34	30	Aquila: Barnard's Black Lizard
	HyperStar	Broadband	DN	LDN-673	11:53 – 03:36	02:41	31	Aquila: Dark Nebula
	HyperStar	Nebula	Nebula	NGC-6820	11:46 – 03:36	03:02	33	Vulpecula: Nebula Region
	Focal Reducer	Nebula	Nebula	SH2-9	09:48 – 01:38	11:42	07	Scorpius: Diffuse Nebula near star
	Focal Reducer	Broadband	DN & GC	M-9	*10:37-02:49	12:39	12	Ophiuchus: Dark Nebula and Globular
	Focal Reducer	Broadband	DN	LDN-1773	*11:03-02:22	12:40	14	Ophiuchus: Pipe Nebula
	Focal Reducer	Broadband	DN	B-75	*10:26-03:10	12:45	15	Ophiuchus: Barnard 75
	Focal Reducer	Nebula	Nebula	M-20	*11:06-03:39	01:23	18	Sagittarius: Trifid Nebula
	Focal Reducer	Nebula	Nebula	M-8	*11:23-03:28	01:24	19	Sagittarius: Lagoon Nebula
	Focal Reducer	Nebula	Neb, DN	IC-4685	*11:28-03:36	01:31	20	Rot90 Sagittarius: Bright and Dark nebula
	Focal Reducer	Broadband	Broadband	M-24	*11:31-03:36	01:37	22	Sagittarius: Sagittarius Star Cloud
	Focal Reducer	Nebula	Nebula	M-16	*11:06-03:36	01:39	23	Serpens: Eagle Nebula
	Focal Reducer	Nebula	Nebula	M-17	*11:23-03:36	01:41	24	Sagittarius: Omega Nebula
	Focal Reducer	Broadband	DN	B-143	12:14 – 03:36	03:01	32	Aquila: Barnard's E
	Focal Reducer	Nebula	Nebula	SH2-101	11:41 – 03:36	03:18	36	Cygnus: Tulip Nebula

Prospective Imaging Objects – June 06 2024

Plan	Configuration	Class	Type	Object	Imaging Window	Transit	Page Ref	Comments
	Primary Focus	Broadband	Galaxies	NGC-5395 Et. El.	09:17 – 01:05	09:19	02	Canes Venatici: Heron Galaxy Et. El.
	Primary Focus	Nebula	PN	NGC-6058	09:17 – 03:14	11:25	06	Hercules: Small Planetary nebula
	Primary Focus	Broadband	GC	M-107	*09:48-01:57	11:53	09	Ophiuchus: Med Globular
	Primary Focus	Broadband	GC	M-10	10:35 – 02:06	12:17	10	Ophiuchus: Large Globular
	Primary Focus	Broadband	GC	M-62	*11:16-01:23	12:21	11	Ophiuchus: Large Globular
	Primary Focus	Broadband	GC	M-19	*10:37-02:15	12:23	11	Ophiuchus: Large Globular
	Primary Focus	Nebula	PN	NGC-6309	*10:34-02:38	12:34	11	Hercules: Box Nebula
	Primary Focus	Nebula	PN	NGC-6359	*10:40-03:01	12:49	15	Ophiuchus: Little Ghost
	Primary Focus	Broadband	GC	M-14	11:10 – 02:52	12:58	15	Ophiuchus: Med Globular NGC-6402
	Primary Focus	Broadband	OC	M-6	*11:16-02:46	01:00	16	Scorpius: Butterfly Cluster
	Primary Focus	Broadband	OC	M-7	*12:03-02:15	01:14	17	Scorpius: Ptolemy Cluster
	Primary Focus	Nebula	Nebula	M-8	*11:23-03:28	01:24	19	Sagittarius: Lagoon Nebula
	Primary Focus	Broadband	DN	B-93	*11:31-03:36	01:37	21	Sagittarius: Dark Nebula LDN-327
	Primary Focus	Nebula	Nebula	IC-1283	*11:41-03:36	01:37	22	Sagittarius: Diffuse Nebula NGC-6589
	Primary Focus	Broadband	GC	M-28	*12:42-02:49	01:45	24	Sagittarius: Med GC NGC-6626
	Primary Focus	Nebula	PN	NGC-6629	*02:24-03:10	01:46	25	Sagittarius: Small PN
	Primary Focus	Broadband	GC	M-69	*02:13-03:36	01:51	25	Sagittarius: Sm-Med Globular NGC-6637
	Primary Focus	Broadband	GC	M-70	*12:16-03:36	02:03	26	Sagittarius: Sm/Med Globular NGC-6681
	Primary Focus	Nebula	PN	IC-4776	*12:24-03:36	02:06	27	Sagittarius: Small PN
	Primary Focus	Broadband	DN	B-104	*12:37-03:36	02:07	27	Scutum: Checkmark DN
	Primary Focus	Broadband	OC	M-11	*12:07-03:36	02:11	28	Scutum: Wild Duck Cluster
	Primary Focus	Nebula	PN	Abell-50	10:33-03:36	02:19	29	Draco: Med Planetary Nebula
	Primary Focus	Nebula	PN	NGC-6751	*12:16-03:36	02:26	29	Aquila: Small Planetary Nebula
	Primary Focus	Nebula	PN	NGC-6772	*12:10-03:36	02:34	29	Aquila: Med Planetary Nebula
	Primary Focus	Broadband	GC	M-56	11:07 – 03:36	02:36	30	Lyra: Med Globular
	Primary Focus	Nebula	PN	NGC-6781	12:06 – 03:36	02:38	31	Aquila: Med Planetary Nebula
	Primary Focus	Broadband	GC	M-55	*01:07-03:36	03:00	32	Sagittarius: Large Globular
	Primary Focus	Nebula	Nebula	NGC-6820	11:46 – 03:36	03:02	33	Vulpecula: The Finger

Prospective Imaging Objects – June 06 2024

Plan	Configuration	Class	Type	Object	Imaging Window	Transit	Page Ref	Comments
	Primary Focus	Nebula	PN	NGC-6826	11:18 – 03:36	03:05	34	Cygnus: Blinking Planetary
	Primary Focus	Broadband	Galaxy	NGC-6822	01:13 – 03:36	03:05	34	Sagittarius: Barnard's Galaxy
	Primary Focus	Broadband	GC	M-71	12:06 – 03:36	03:14	35	Sagitta: Med Globular
	Primary Focus	Nebula	PN	NGC-68442	11:47 – 03:36	03:15	35	Vulpecula: Sm/Med Planetary Nebula
	Primary Focus	Nebula	Nebula	Sh2-101	11:41 – 03:36	03:18	36	Cygnus: Tulip Nebula
	Primary Focus	Broadband	GC	M-75	*01:46-03:26	03:26	37	Sagittarius: Med Globular
	Primary Focus	Nebula	Nebula	NGC-6888	11:52 – 03:36	03:32	37	Cygnus: Crescent Nebula
	Primary Focus	Nebula	Nebula	NGC-6894	12:06 -= 03:36	03:36	38	Cygnus: Sm/Med Planetary Nebula

Prospective Imaging Objects – June 06 2024

Imaging Summary June 06, 2024

Astronomical Dusk = 09:17 Astronomical Dawn = 03:36

Imaging Plans

Plan	Configuration	Class	Type	Object	Imaging Window	Transit	Page Ref	Imaging Schedule
	HyperStar	Nebula	Nebula	**SH2-240**				
	HyperStar	Nebula	Nebula	IC-2162				
	HyperStar	Nebula	Nebula	NGC-1499				
	HyperStar	Broadband	Galaxies	M-106 et. El.				
	Focal Reducer	Nebula	Nebula	IC-443				
	Focal Reducer	Broadband	Galaxies	M-84 et. El.				
	Focal Reducer	Nebula	Nebula	IC-1805				
	Focal Reducer	Nebula	Nebula	NGC-2174				
	Focal Reducer	Broadband	Galaxies					
	Primary Focus	Nebula	PN	NGC-1360				
	Primary Focus	Nebula	PN	NGC-2440				
	Primary Focus	Nebula	PN	NGC-2610				
	Primary Focus	Broad Spectrum	Globular	M-68				
	Primary Focus	Nebula	Nebula					
	Primary Focus	Nebula	Nebula					
	Primary Focus	Broad Spectrum	Galaxy					
	Primary Focus	Broad Spectrum	Galaxy					
	Primary Focus	Broad Spectrum	Galaxy					