



The Ultimate Messier Object Log R3.1

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*New in version 3.0: Help, Night Vision Mode, Sketch Pad. Transparency menu fixed.
New in version 3.1: Better printing margins, additional credits.*

The Ultimate Messier Object Log (TUMOL) contains everything you need to find and view Messier objects with a binoculars or telescope. You can track your viewing notes, sort on several different fields, and print field notes for star parties and Messier marathons.

This log is “giveware.” If you like it, please share it with someone else. Schools, students & NPO’s are encouraged to distribute it widely. If you have comments or questions, e-mail me by clicking the following link: david@davidpaulgreen.com

Enter Notes

The “Main Screen”
Enter viewing notes and view the info for each object.
Start here!

View Pictures

View pictures of **all** objects, with minimal information, sorted by Messier #.

Atlas, Sort by Messier

List star atlas info for **all** objects, sorted by Messier #.

Sketch Pad

Print these pages before you observe to sketch on them. Then scan your sketches and place them here.

Notes - Sort by Messier

List viewing notes for **all** objects, sorted by Messier #.

Notes - Seen, Sort by

List viewing notes for objects you’ve marked as seen only, sorted by Messier #.

Notes - Sort by Seen/Unseen

List viewing notes for **all** objects by constellation, with unseen objects first.

Notes - Unseen, Sort by

List viewing notes for objects marked as unseen, sorted by Messier #.

Notes - Unseen by Constell.

List viewing notes for objects not marked as seen, sorted by constellation.

Sort by Marathon

List all objects, in ideal order for a Messier marathon.

Sort by Season

List all objects, sorted by the season they’re best viewed.

Notes - Sort by Constellation

List all objects, sorted by the nearest constellation.

Web sites to Visit

Click on a link button to open your Internet browser to that site.

davidpaulgreen.com

This is probably the site from which you downloaded TUMOL. If you didn’t, or if you just want to find out what is new, click here.

[SEDS](http://SEDS.org)

Students and Educators for the Discussion of Space, or SEDS, is a NASA-sponsored organization. They maintain what may be the finest Messier object web site, from which I obtained much of the info herein.

amazon.com

If you are buying books about astronomy, please support further development of this database by clicking here to buy them.

[Credits & Copyrights](#)

[What is a Messier Object?](#)

[Help!](#)

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The Ultimate Messier Object Log *R3.1*

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Thanks to Hartmut Frommert and Guy McArthur at SEDS for permission to use the small Messier object images in this database.

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The Ultimate Messier Object Log

Messier # M001

NGC 1952

Seen?

Date seen

Type Supernova remnant

Magnitude

Name (if any) Crab Nebula

8.4

Constellation Taurus



Marathon Order # 16

RA 5h 34.5m

Dec 22 01

Size 6.0x4.0

Sky Atlas 2000 page 5

Other Chart Page(s)

(Enter page # from your favorite chart here.)

Binocular Difficulty C

E=easy, T=tough, C=challenging / 7x50.

E2=easy, T2=tough, C2=challenging / 11x80.

Personal Viewing Notes

Viewing Time Comments

Observing Site

Equipment

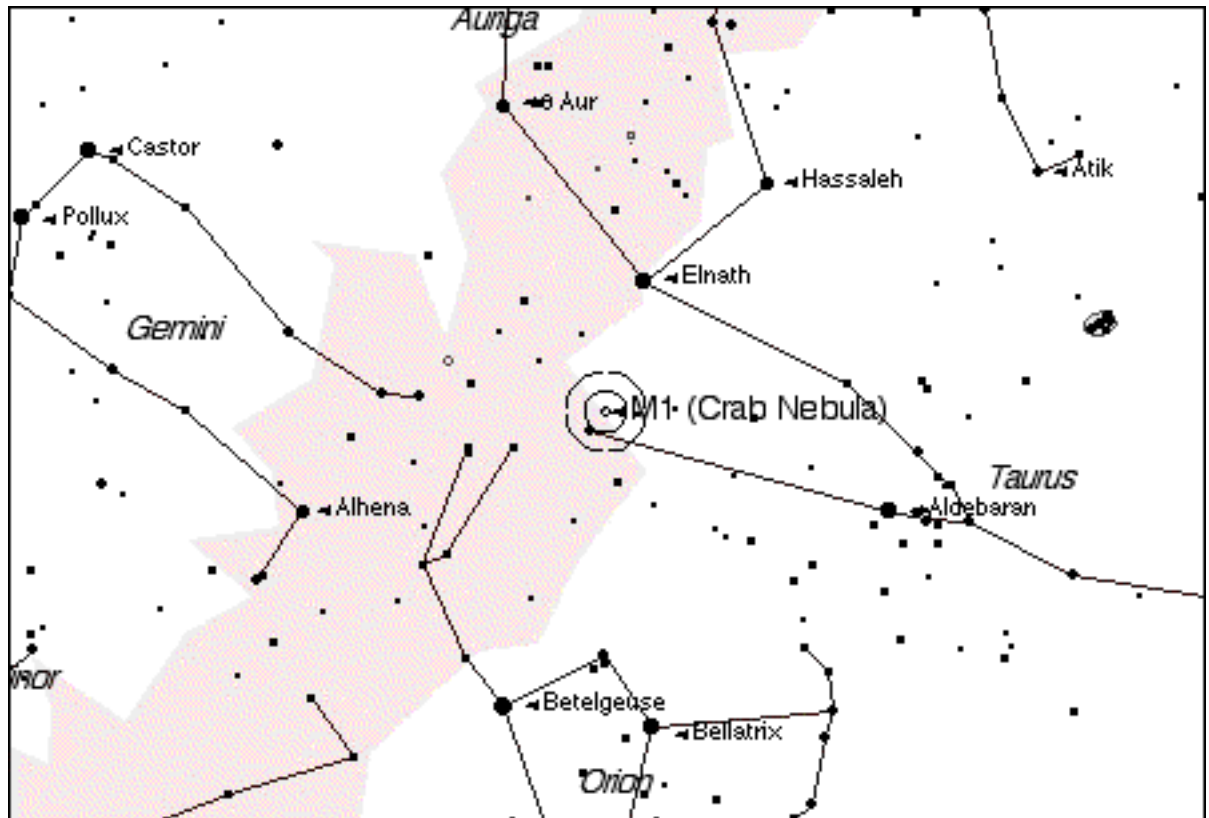
Sky Conditions Transparency

Seeing

Session Notes

Observing Notes

Star charts created by Starry Night Pro(TM) courtesy of Space.com Software



The Ultimate Messier Object Log

Messier # M002

NGC 7089

Seen?

Date seen

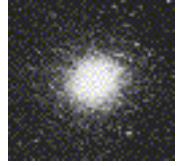
Type Globular Cluster

Magnitude

Name (if any) N/A

6.5

Constellation Aquarius



Marathon Order # 107

RA 21h 33.5m

Dec -0 49

Size 12.9

Sky Atlas 2000 page 16

Other Chart Page(s)

(Enter page # from your favorite chart here.)

Binocular Difficulty E

E=easy, T=tough, C=challenging / 7x50.

E2=easy, T2=tough, C2=challenging / 11x80.

Personal Viewing Notes

Viewing Time Comments

Observing Site

Equipment

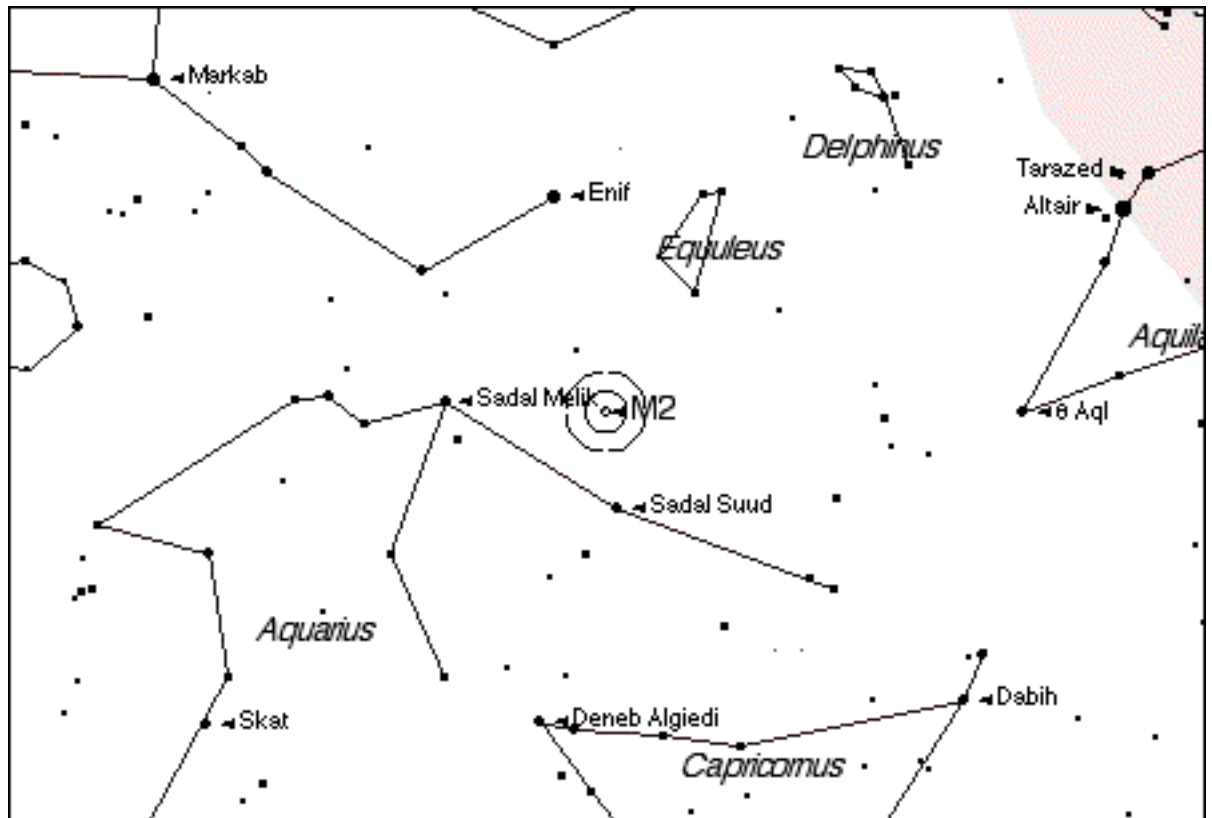
Sky Conditions Transparency

Seeing

Session Notes

Observing Notes

Star charts created by Starry Night Pro(TM) courtesy of Space.com Software



The Ultimate Messier Object Log

Messier # M003

NGC 5272

Seen?

Date seen

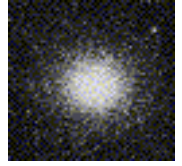
Type Globular Cluster

Magnitude

Name (if any) N/A

6.4

Constellation Canes Venatici



Marathon Order # 48

RA 13h 42.2m Dec 28 23

Size 16.2

Sky Atlas 2000 page 7

Other Chart Page(s)

(Enter page # from your favorite chart here.)

Binocular Difficulty E

E=easy, T=tough, C=challenging / 7x50.

E2=easy, T2=tough, C2=challenging / 11x80.

Personal Viewing Notes

Viewing Time Comments

Observing Site

Equipment

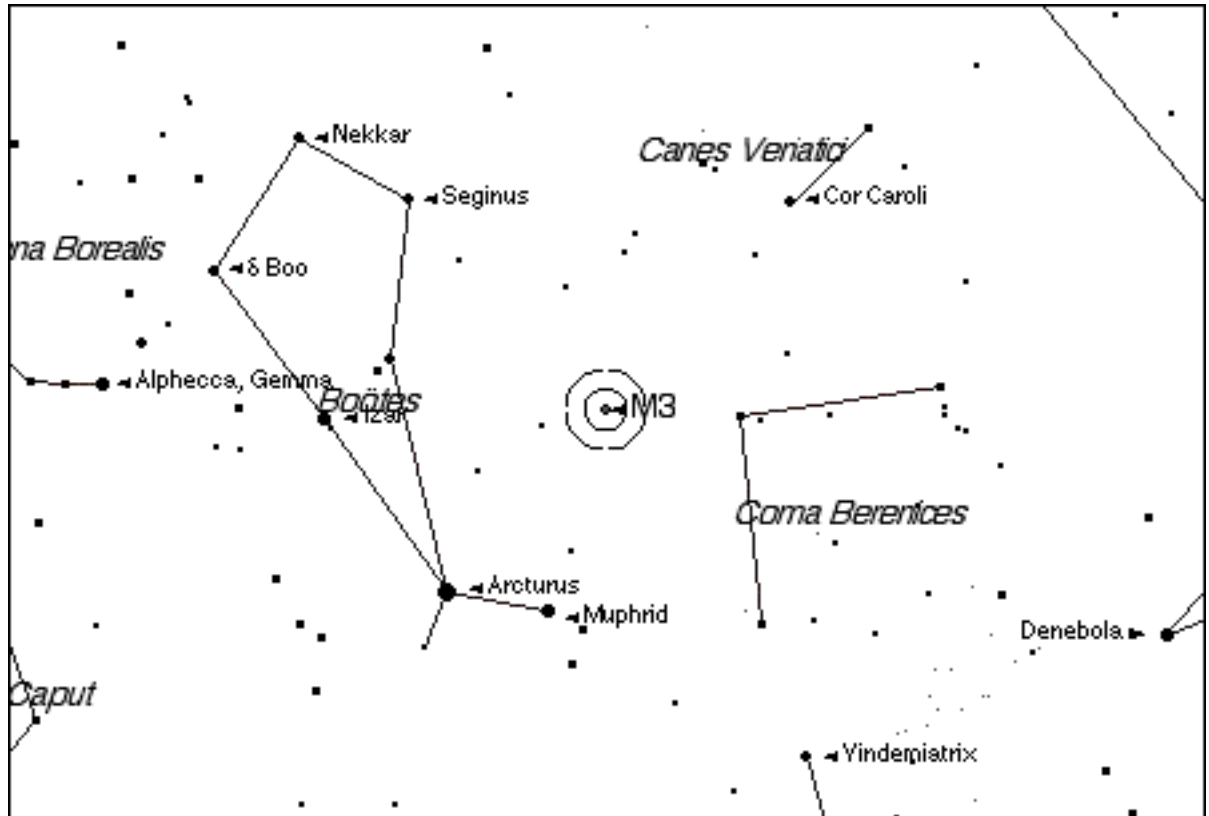
Sky Conditions Transparency

Seeing

Session Notes

Observing Notes

Star charts created by Starry Night Pro(TM) courtesy of Space.com Software



The Ultimate Messier Object Log

Messier # M004

NGC 6121

Seen?

Date seen

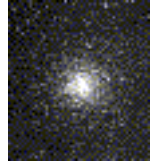
Type Globular Cluster

Magnitude

Name (if any) N/A

5.9

Constellation Scorpio



Marathon Order # 82

RA 16h 23.6m Dec -26 32

Size 26.3

Sky Atlas 2000 page 22

Other Chart Page(s)

(Enter page # from your favorite chart here.)

Binocular Difficulty E

E=easy, T=tough, C=challenging / 7x50.

E2=easy, T2=tough, C2=challenging / 11x80.

Personal Viewing Notes

Viewing Time Comments

Observing Site

Equipment

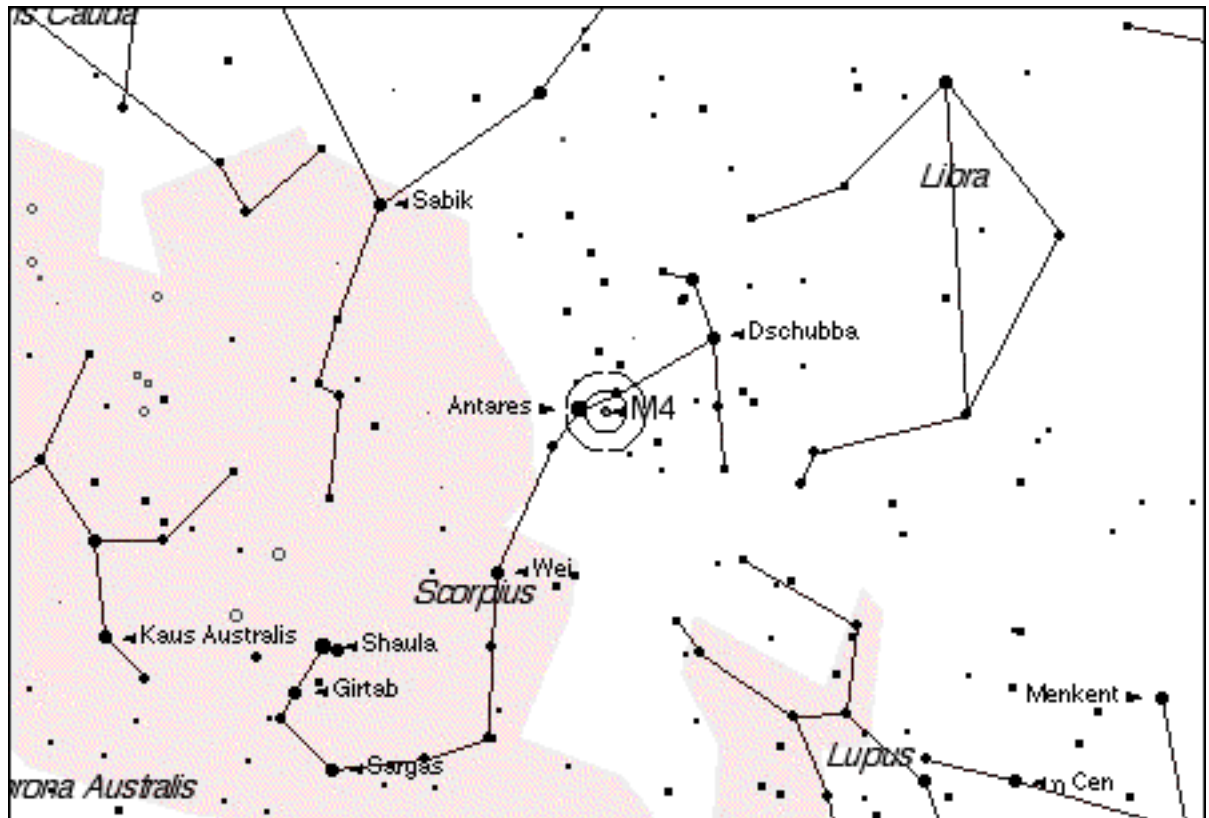
Sky Conditions Transparency

Seeing

Session Notes

Observing Notes

Star charts created by Starry Night Pro(TM) courtesy of Space.com Software



The Ultimate Messier Object Log

Messier # M005

NGC 5904

Seen?

Date seen

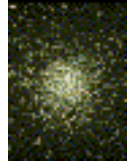
Type Globular Cluster

Magnitude

Name (if any) N/A

5.8

Constellation Serpens Caput



Marathon Order # 68

RA 15h 18.6m Dec 25

Size 17.4

Sky Atlas 2000 page 4

Other Chart Page(s)

(Enter page # from your favorite chart here.)

Binocular Difficulty E

E=easy, T=tough, C=challenging / 7x50.

E2=easy, T2=tough, C2=challenging / 11x80.

Personal Viewing Notes

Viewing Time Comments

Observing Site

Equipment

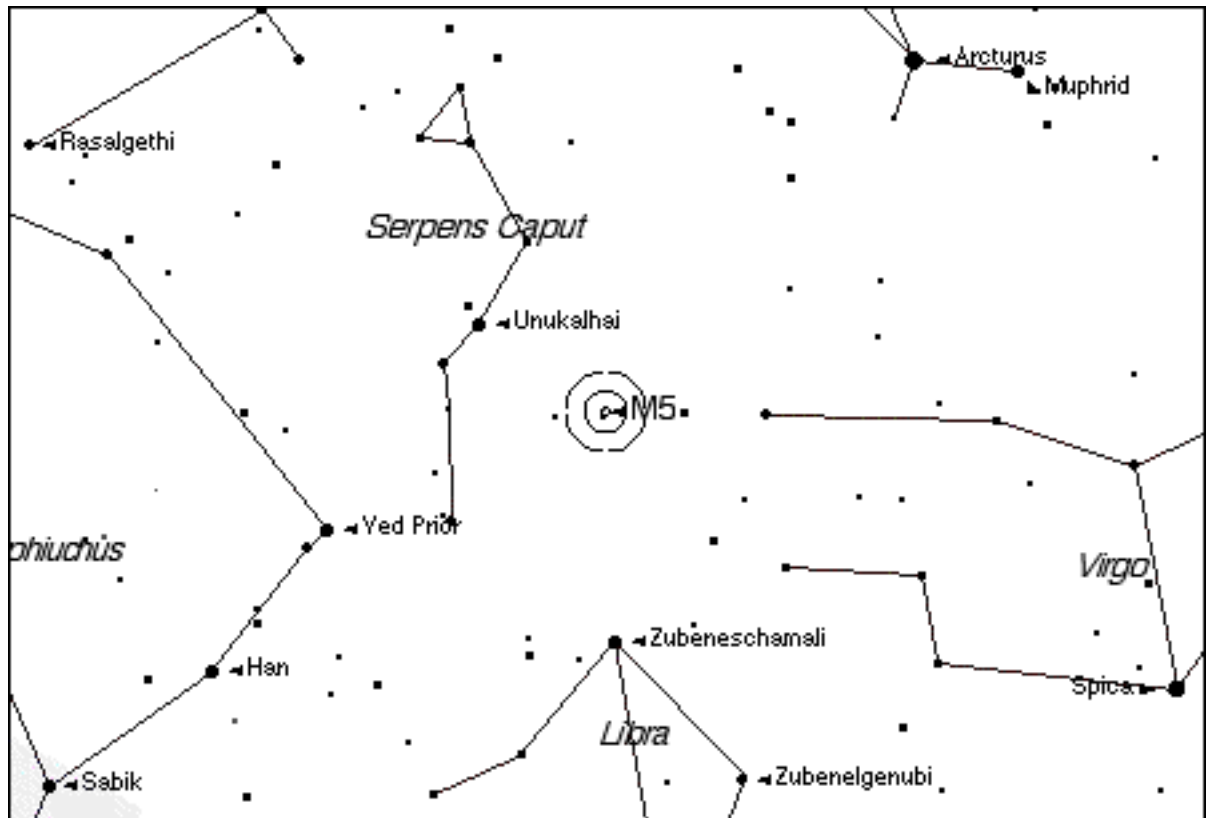
Sky Conditions Transparency

Seeing

Session Notes

Observing Notes

Star charts created by Starry Night Pro(TM) courtesy of Space.com Software



The Ultimate Messier Object Log

Messier # M006

NGC 6405

Seen?

Date seen

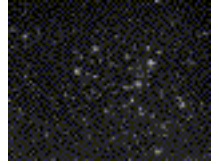
Type Open Cluster

Magnitude

Name (if any) Butterfly Cluster

4.2

Constellation Scorpius



Marathon Order # 86

RA 17h 40.1m Dec -32 13

Size 15.0

Sky Atlas 2000 page 22

Other Chart Page(s)

(Enter page # from your favorite chart here.)

Binocular Difficulty E

E=easy, T=tough, C=challenging / 7x50.

E2=easy, T2=tough, C2=challenging / 11x80.

Personal Viewing Notes

Viewing Time Comments

Observing Site

Equipment

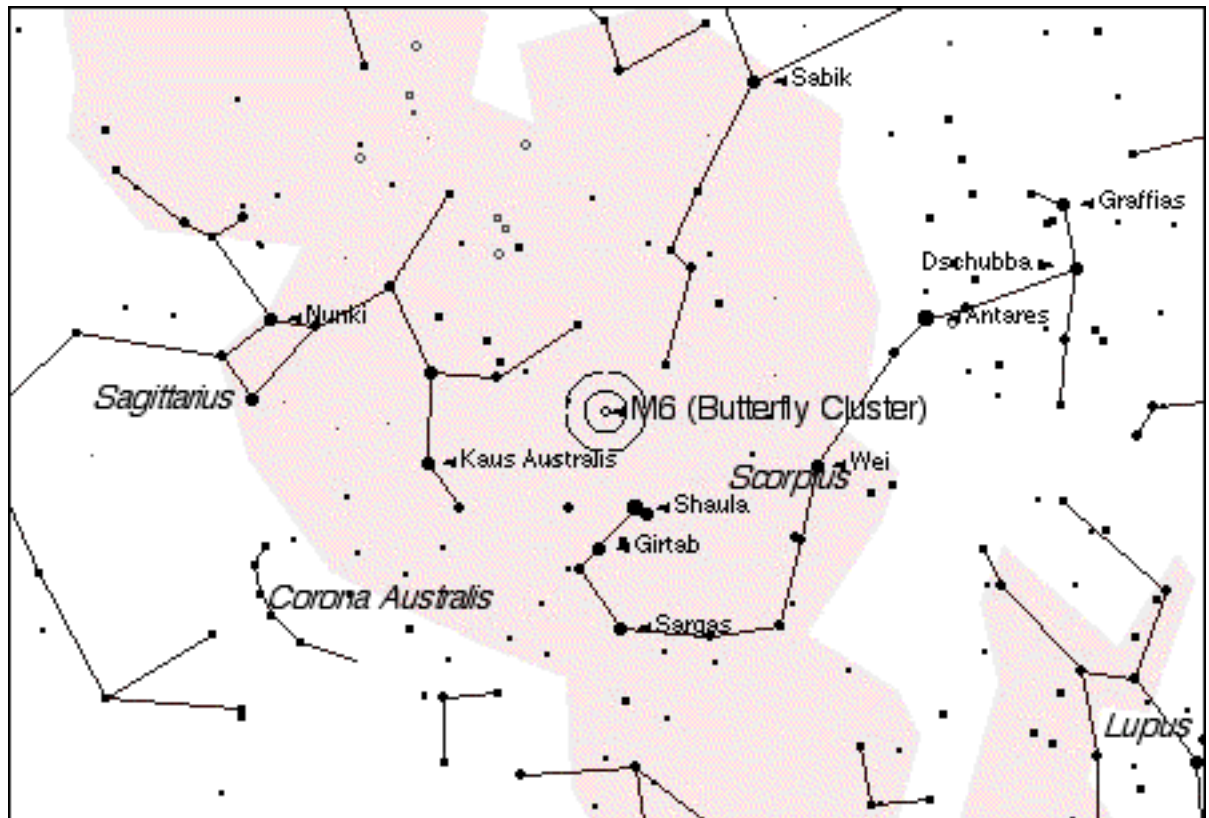
Sky Conditions Transparency

Seeing

Session Notes

Observing Notes

Star charts created by Starry Night Pro(TM) courtesy of Space.com Software



The Ultimate Messier Object Log

Messier # M007

NGC 6475

Seen?

Date seen

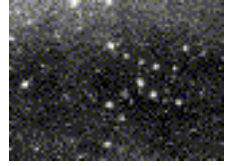
Type Open Cluster

Magnitude

Name (if any) Ptolemy's Cluster

3.3

Constellation Scorpius



Marathon Order # 87

RA 17h 53.9m Dec -34 49 Size 80.0

Sky Atlas 2000 page 22 Other Chart Page(s) (Enter page # from your favorite chart here.)

Binocular Difficulty E

E=easy, T=tough, C=challenging / 7x50.

E2=easy, T2=tough, C2=challenging / 11x80.

Personal Viewing Notes

Viewing Time Comments

Observing Site

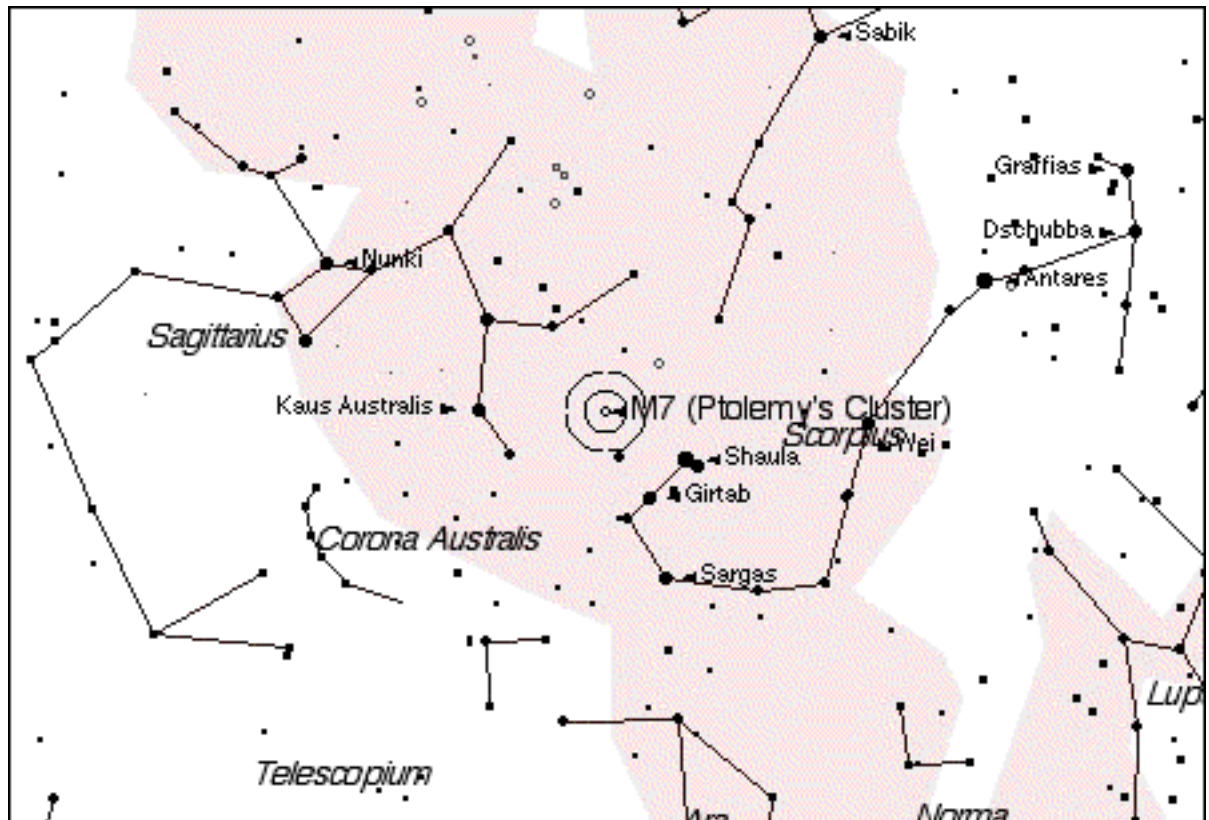
Equipment

Sky Conditions Transparency Seeing

Session Notes

Observing Notes

Star charts created by Starry Night Pro(TM) courtesy of Space.com Software



The Ultimate Messier Object Log

Messier # M008

NGC 6523

Seen?

Date seen

Type Diffuse Nebula
Name (if any) Lagoon Nebula
Constellation Sagittarius
Marathon Order # 98

Magnitude

5.0



RA 18h 3.1m

Dec -24 23

Size 35.0x50.0

Sky Atlas 2000 page 22

Other Chart Page(s)

(Enter page # from your favorite chart here.)

Binocular Difficulty E

E=easy, T=tough, C=challenging / 7x50.

E2=easy, T2=tough, C2=challenging / 11x80.

Personal Viewing Notes

Viewing Time Comments

Observing Site

Equipment

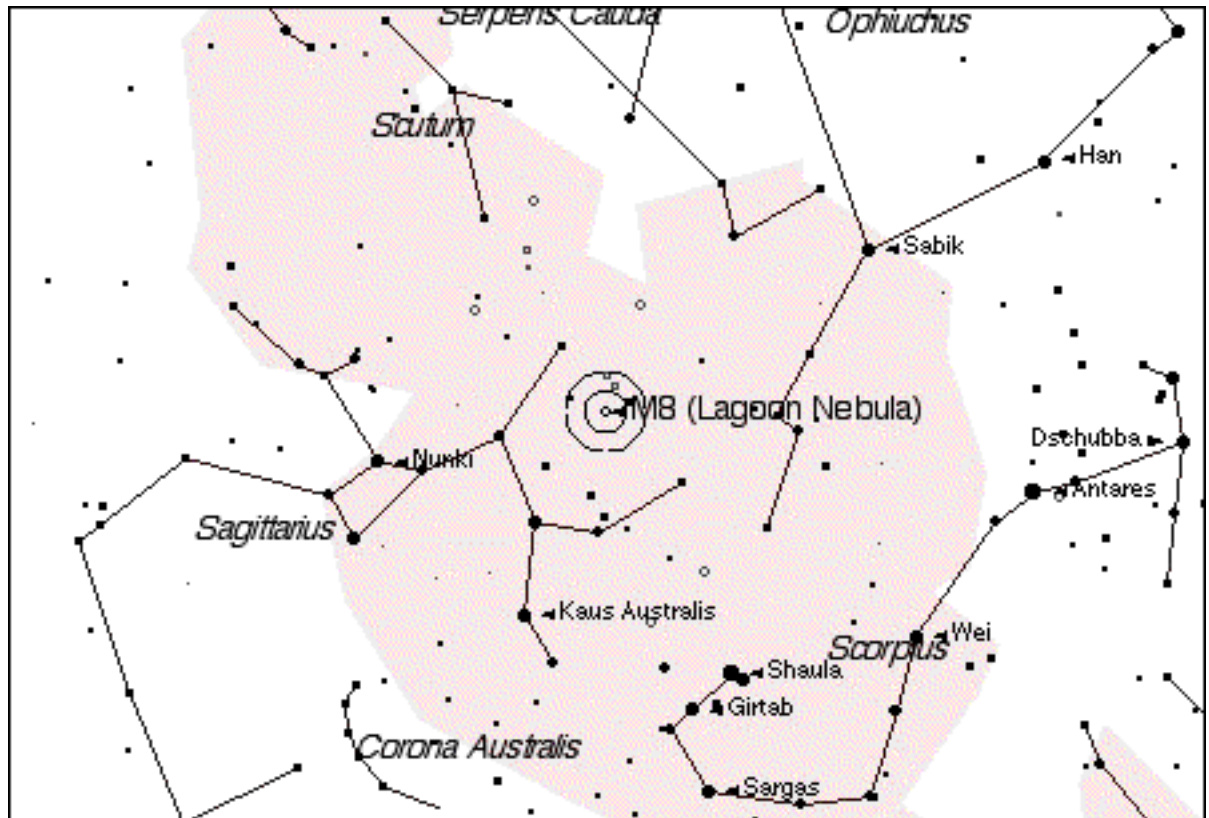
Sky Conditions Transparency

Seeing

Session Notes

Observing Notes

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The Ultimate Messier Object Log

Messier # M009

NGC 6333

Seen?

Date seen

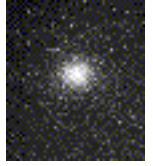
Type Globular Cluster

Magnitude

Name (if any) N/A

7.9

Constellation Ophiucus



Marathon Order # 81

RA 17h 19.2m Dec -18 31

Size 9.3

Sky Atlas 2000 page 15

Other Chart Page(s)

(Enter page # from your favorite chart here.)

Binocular Difficulty T2

E=easy, T=tough, C=challenging / 7x50.

E2=easy, T2=tough, C2=challenging / 11x80.

Personal Viewing Notes

Viewing Time Comments

Observing Site

Equipment

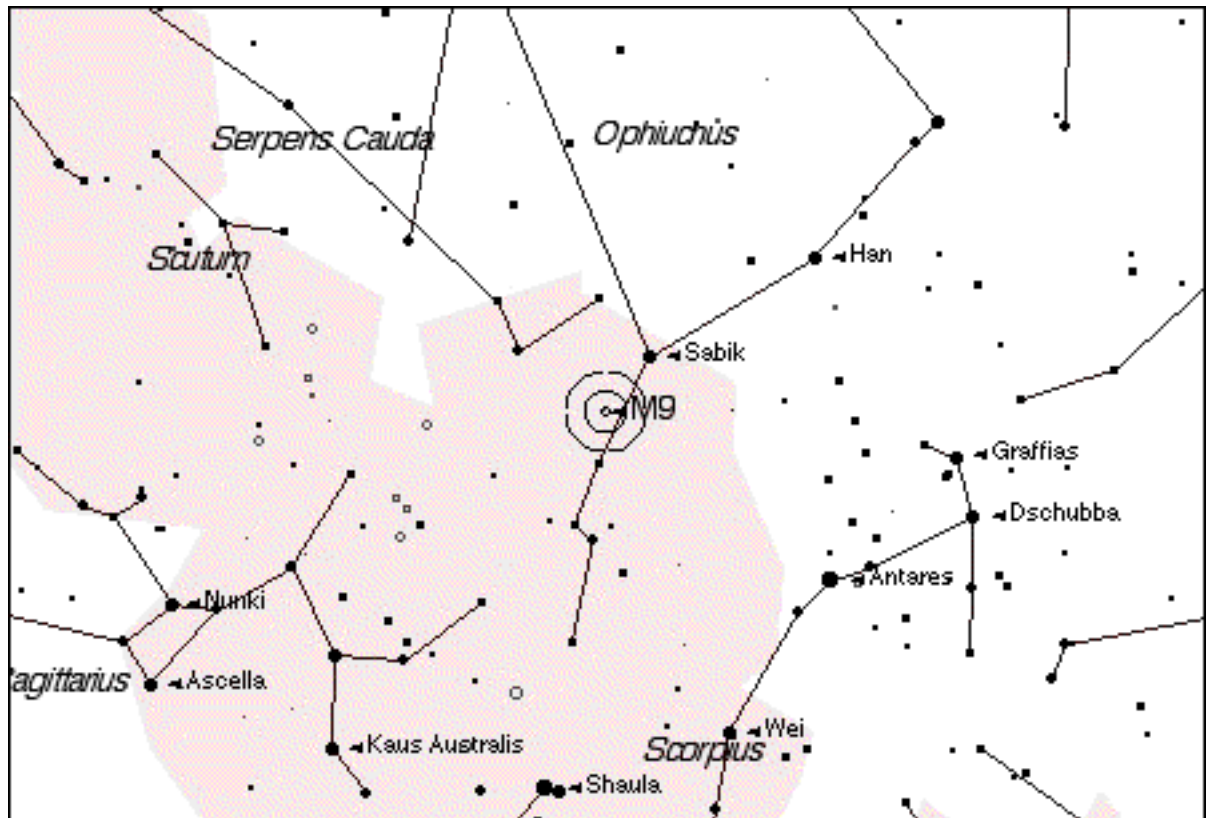
Sky Conditions Transparency

Seeing

Session Notes

Observing Notes

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The Ultimate Messier Object Log

Messier # M010

NGC 6254

Seen?

Date seen

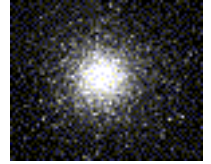
Type Globular Cluster

Magnitude

Name (if any) N/A

6.6

Constellation Ophiucus



Marathon Order # 79

RA 16h 57.1m Dec -4 6

Size 15.1

Sky Atlas 2000 page 15

Other Chart Page(s)

(Enter page # from your favorite chart here.)

Binocular Difficulty E

E=easy, T=tough, C=challenging / 7x50.

E2=easy, T2=tough, C2=challenging / 11x80.

Personal Viewing Notes

Viewing Time Comments

Observing Site

Equipment

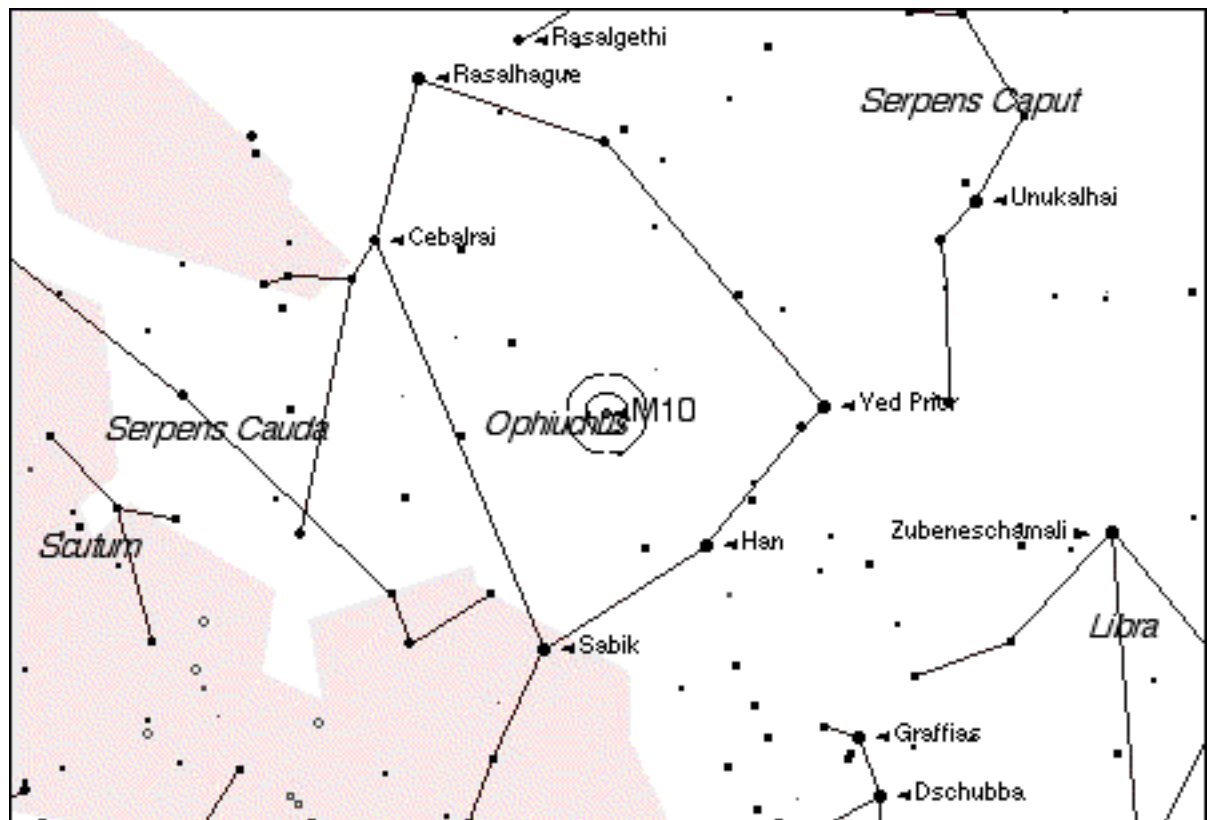
Sky Conditions Transparency

Seeing

Session Notes

Observing Notes

Star charts created by Starry Night Pro(TM) courtesy of Space.com Software



The Ultimate Messier Object Log

Messier # M011

NGC 6705

Seen?

Date seen

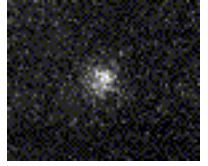
Type Open Cluster

Magnitude

Name (if any) Wild Duck Cluster

5.8

Constellation Scutum



Marathon Order # 88

RA 18h 51.1m Dec -6 16

Size 14.0

Sky Atlas 2000 page 15

Other Chart Page(s)

(Enter page # from your favorite chart here.)

Binocular Difficulty E

E=easy, T=tough, C=challenging / 7x50.

E2=easy, T2=tough, C2=challenging / 11x80.

Personal Viewing Notes

Viewing Time Comments

Observing Site

Equipment

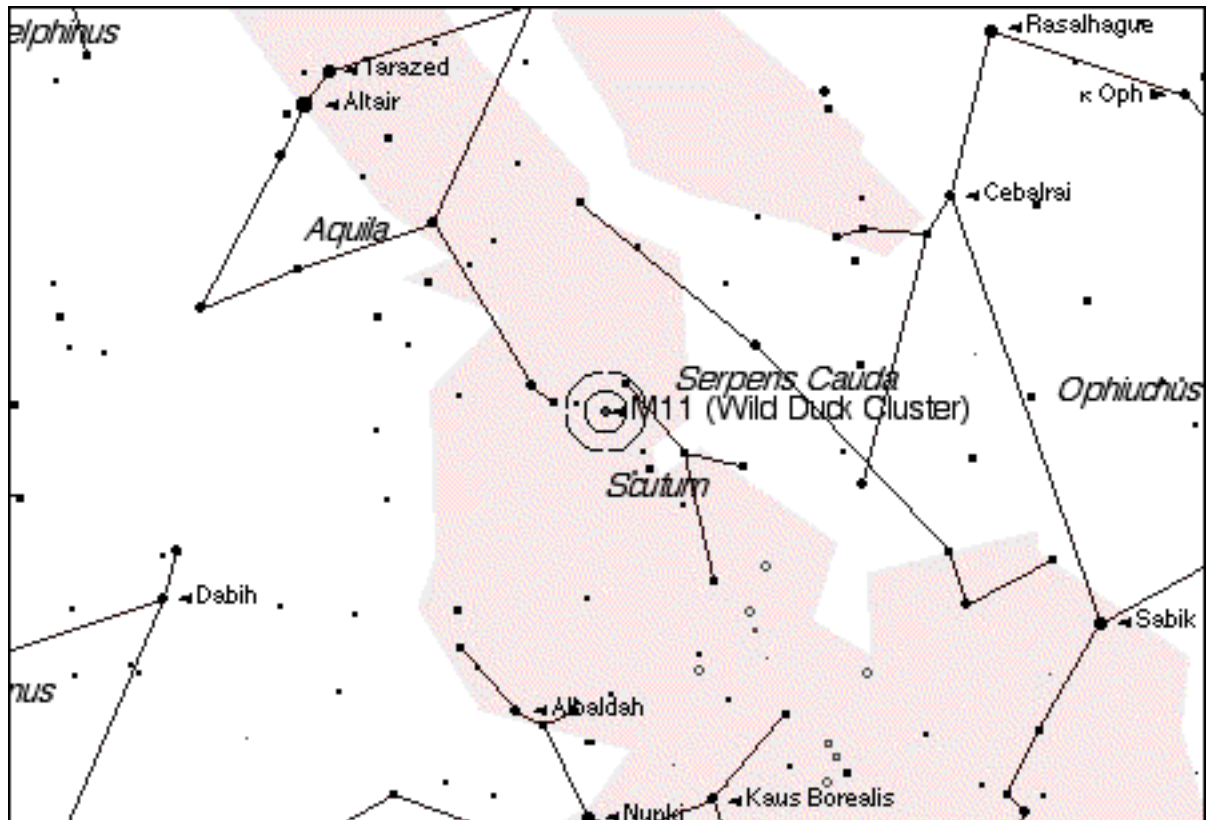
Sky Conditions Transparency

Seeing

Session Notes

Observing Notes

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The Ultimate Messier Object Log

Messier # M012

NGC 6218

Seen?

Date seen

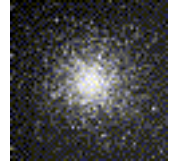
Type Globular Cluster

Magnitude

Name (if any) N/A

6.6

Constellation Ophiucus



Marathon Order # 78

RA 16h 47.2m Dec -1 57

Size 14.5

Sky Atlas 2000 page 15

Other Chart Page(s)

(Enter page # from your favorite chart here.)

Binocular Difficulty E

E=easy, T=tough, C=challenging / 7x50.

E2=easy, T2=tough, C2=challenging / 11x80.

Personal Viewing Notes

Viewing Time Comments

Observing Site

Equipment

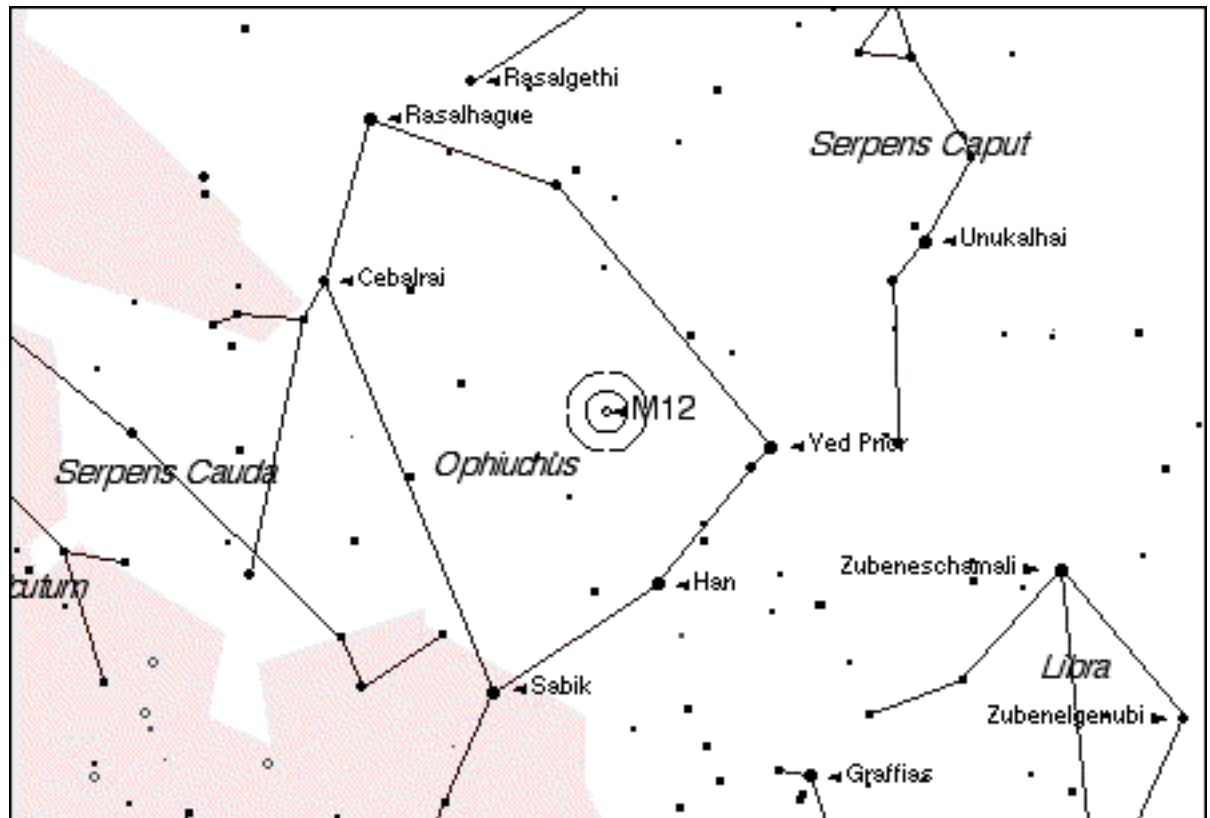
Sky Conditions Transparency

Seeing

Session Notes

Observing Notes

Star charts created by Starry Night Pro(TM) courtesy of Space.com Software



The Ultimate Messier Object Log

Messier # M013

NGC 6205

Seen?

Date seen

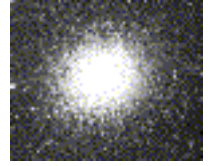
Type Globular Cluster

Magnitude

Name (if any) N/A

5.9

Constellation Hercules



Marathon Order # 69

RA 16h 41.7m Dec 36 28

Size 16.6

Sky Atlas 2000 page 8

Other Chart Page(s)

(Enter page # from your favorite chart here.)

Binocular Difficulty E

E=easy, T=tough, C=challenging / 7x50.

E2=easy, T2=tough, C2=challenging / 11x80.

Personal Viewing Notes

Viewing Time Comments

Observing Site

Equipment

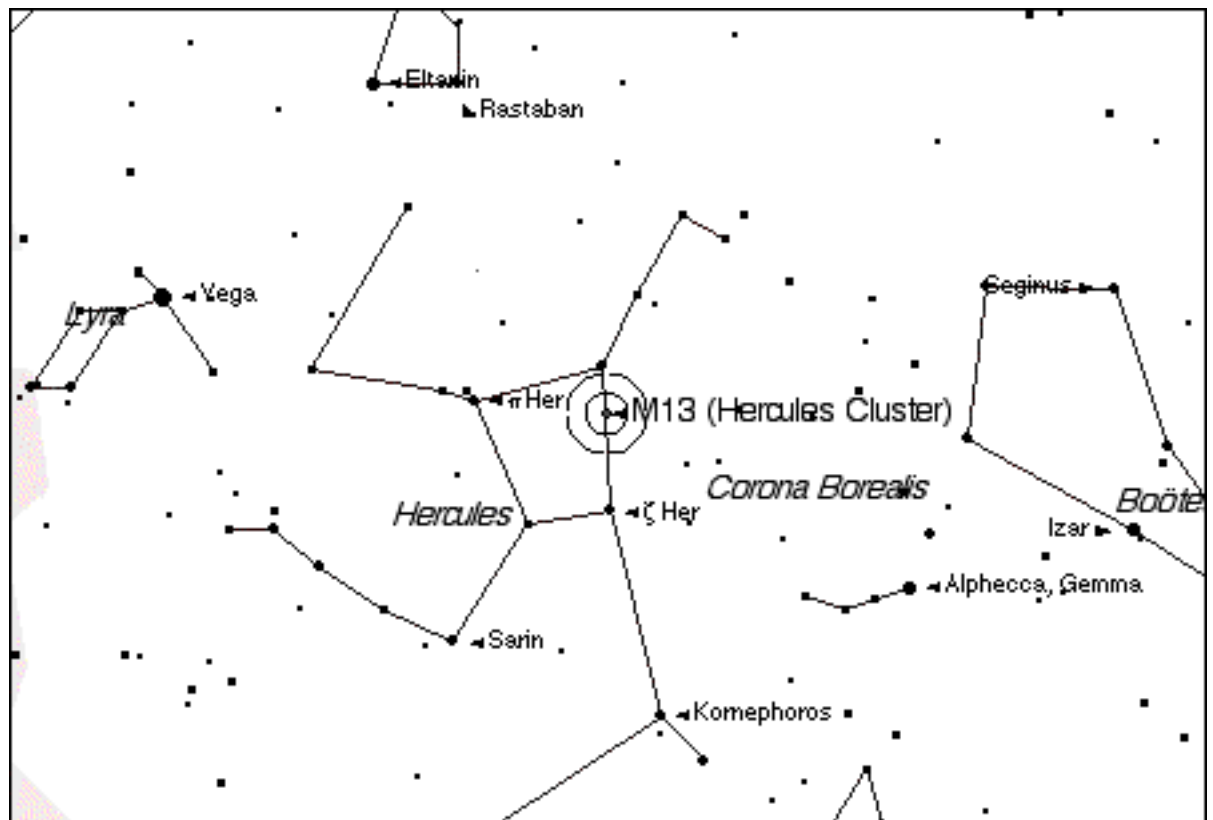
Sky Conditions Transparency

Seeing

Session Notes

Observing Notes

Star charts created by Starry Night Pro(TM) courtesy of Space.com Software



The Ultimate Messier Object Log

Messier # M014

NGC 6402

Seen?

Date seen

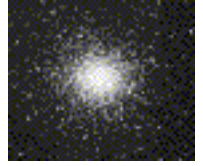
Type Globular Cluster

Magnitude

Name (if any) N/A

7.6

Constellation Ophiucus



Marathon Order # 80

RA 17h 37.6m Dec -3 15

Size 11.7

Sky Atlas 2000 page 15

Other Chart Page(s)

(Enter page # from your favorite chart here.)

Binocular Difficulty T

E=easy, T=tough, C=challenging / 7x50.

E2=easy, T2=tough, C2=challenging / 11x80.

Personal Viewing Notes

Viewing Time Comments

Observing Site

Equipment

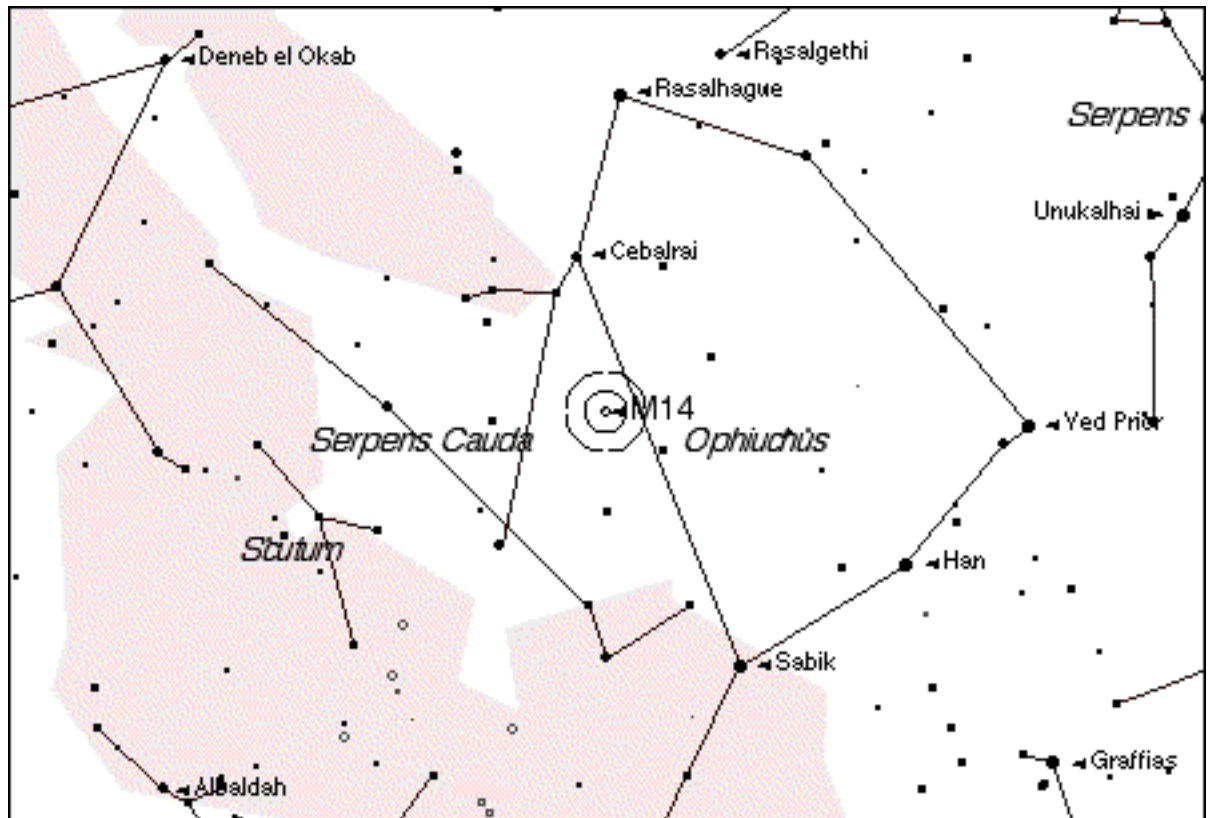
Sky Conditions Transparency

Seeing

Session Notes

Observing Notes

Star charts created by Starry Night Pro(TM) courtesy of Space.com Software



The Ultimate Messier Object Log

Messier # M015

NGC 7078

Seen?

Date seen

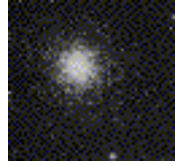
Type Globular Cluster

Magnitude

Name (if any) N/A

6.4

Constellation Pegasus



Marathon Order # 106

RA 21h 30m

Dec 12 10

Size 12.3

Sky Atlas 2000 page 16

Other Chart Page(s)

(Enter page # from your favorite chart here.)

Binocular Difficulty E

E=easy, T=tough, C=challenging / 7x50.

E2=easy, T2=tough, C2=challenging / 11x80.

Personal Viewing Notes

Viewing Time Comments

Observing Site

Equipment

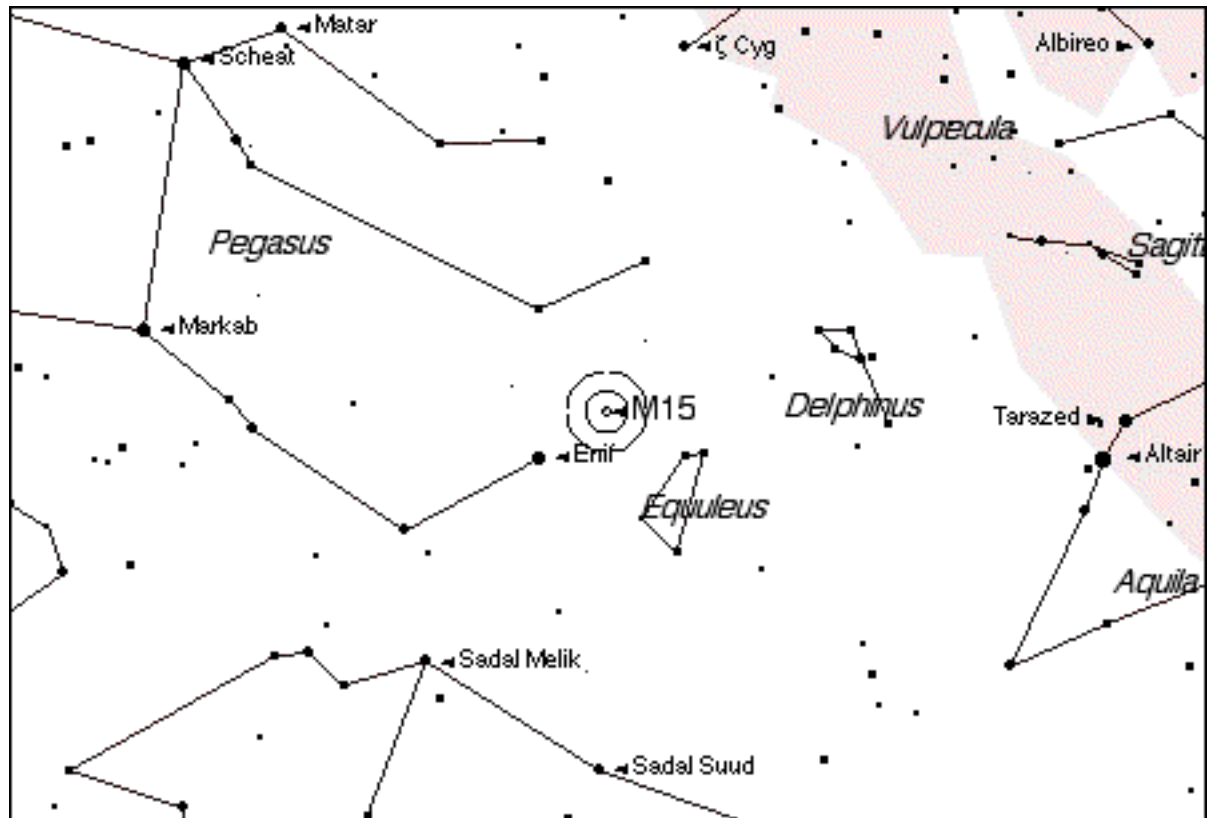
Sky Conditions Transparency

Seeing

Session Notes

Observing Notes

Star charts created by Starry Night Pro(TM) courtesy of Space.com Software



The Ultimate Messier Object Log

Messier # M016

NGC 6611

Seen?

Date seen

Type Open Cluster

Magnitude

Name (if any) Eagle Nebula Cluster

6.5

Constellation Serpens Claudia



Marathon Order # 90

RA 18h 18.8m Dec -13 47

Size 7.0

Sky Atlas 2000 page 15

Other Chart Page(s)

(Enter page # from your favorite chart here.)

Binocular Difficulty E

E=easy, T=tough, C=challenging / 7x50.

E2=easy, T2=tough, C2=challenging / 11x80.

Personal Viewing Notes

Viewing Time Comments

Observing Site

Equipment

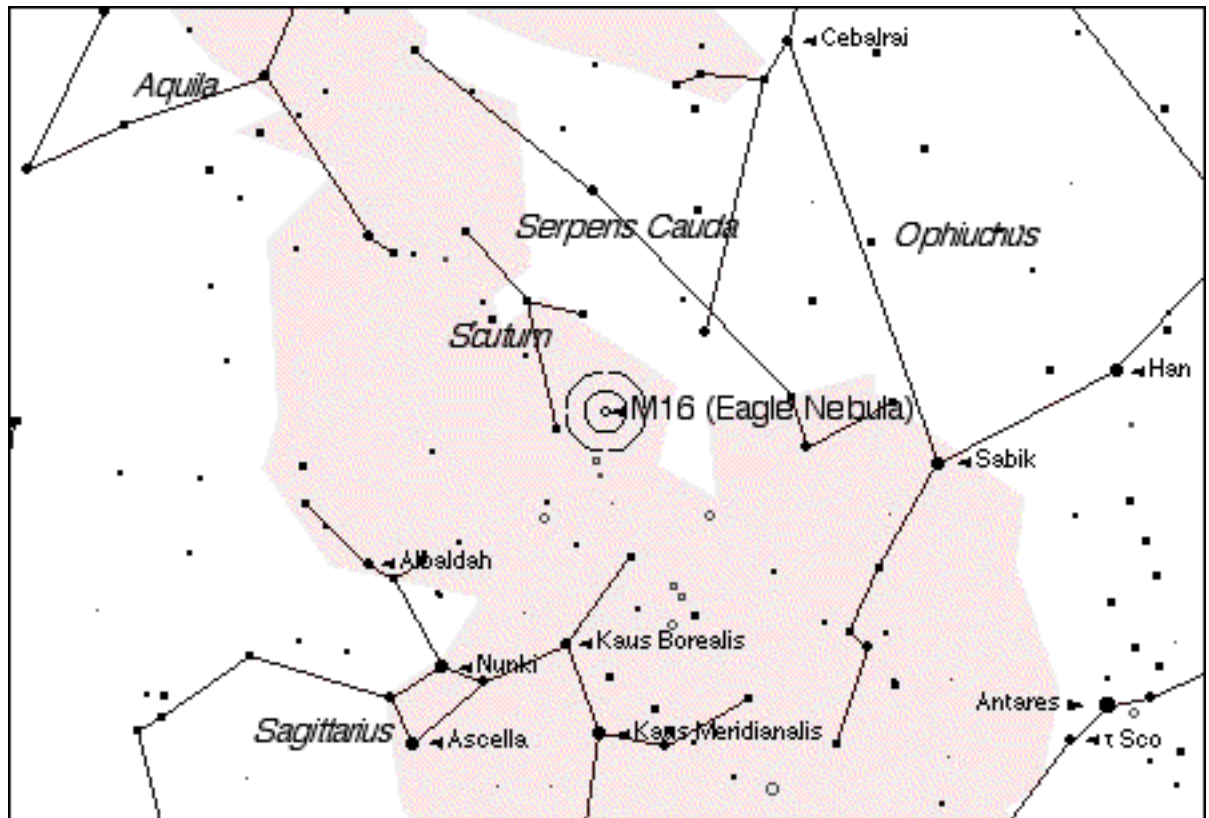
Sky Conditions Transparency

Seeing

Session Notes

Observing Notes

Star charts created by Starry Night Pro(TM) courtesy of Space.com Software



The Ultimate Messier Object Log

Messier # M017

NGC 6618

Seen?

Date seen

Type Diffuse Nebula
Name (if any) Omega, Swan, Horseshoe
Constellation Sagittarius
Marathon Order # 91

Magnitude
7.0



RA 18h 20.8m **Dec** -16 11 **Size** 11.0

Sky Atlas 2000 page 15 **Other Chart Page(s)** (Enter page # from your favorite chart here.)

Binocular Difficulty E

E=easy, T=tough, C=challenging / 7x50.
E2=easy, T2=tough, C2=challenging / 11x80.

Personal Viewing Notes

Viewing Time Comments

Observing Site

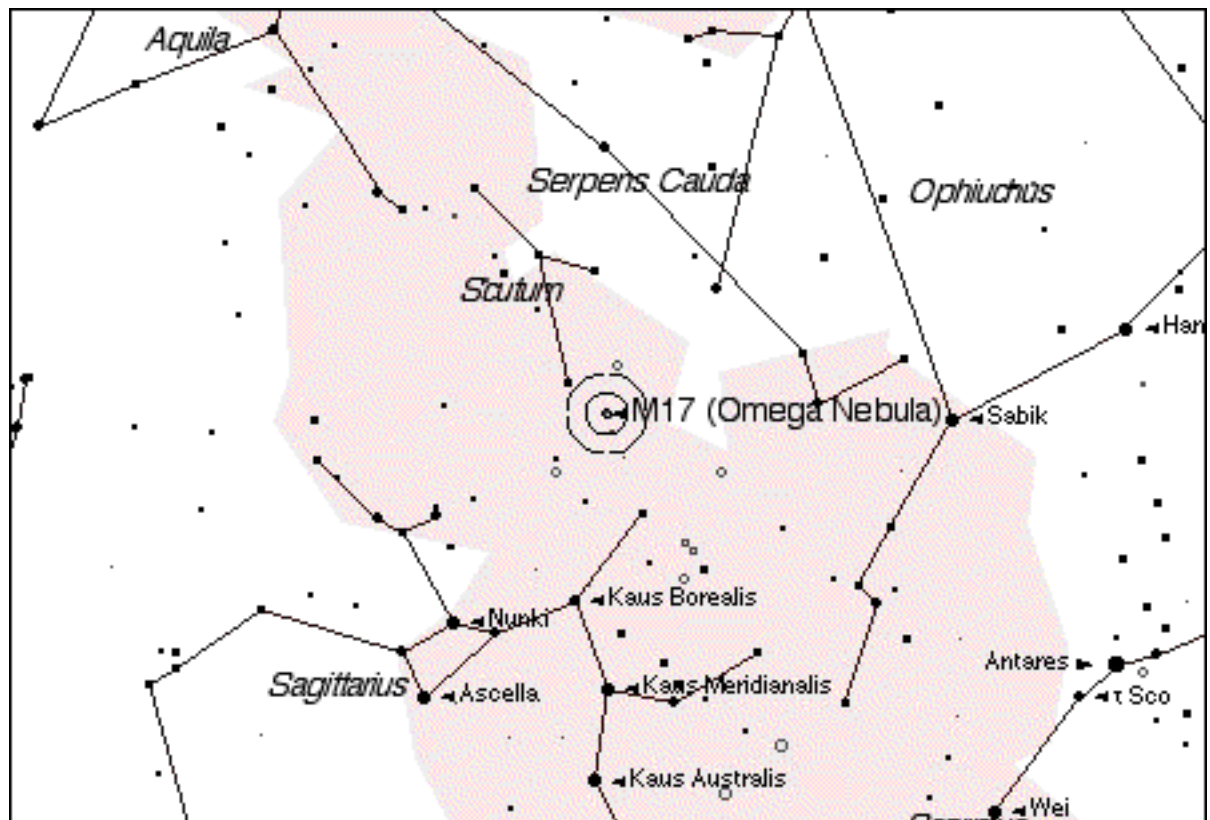
Equipment

Sky Conditions **Transparency** **Seeing**

Session Notes

Observing Notes

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The Ultimate Messier Object Log

Messier # M018

NGC 6613

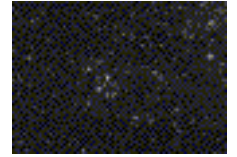
Seen?

Date seen

Type Open Cluster
Name (if any) N/A
Constellation Sagittarius
Marathon Order # 92

Magnitude

8.0



RA 18h 19.9m Dec -17 8 Size 9.0

Sky Atlas 2000 page 15 Other Chart Page(s) (Enter page # from your favorite chart here.)

Binocular Difficulty E

E=easy, T=tough, C=challenging / 7x50.
E2=easy, T2=tough, C2=challenging / 11x80.

Personal Viewing Notes

Viewing Time Comments

Observing Site

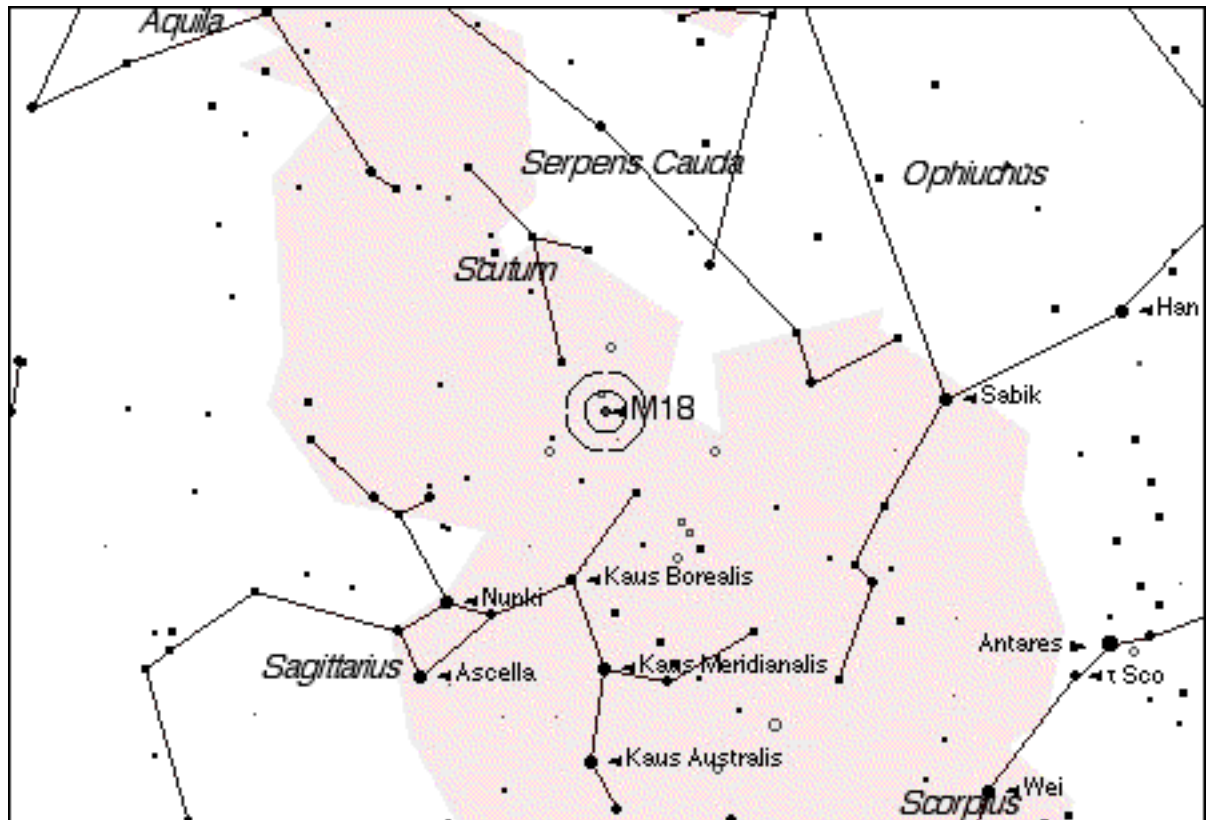
Equipment

Sky Conditions Transparency Seeing

Session Notes

Observing Notes

Star charts created by Starry Night Pro(TM) courtesy of Space.com Software



The Ultimate Messier Object Log

Messier # M019

NGC 6273

Seen?

Date seen

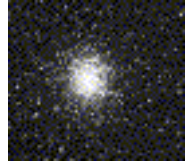
Type Globular Cluster

Magnitude

Name (if any) N/A

8.5

Constellation Ophiucus



Marathon Order # 84

RA 17h 2.6m

Dec -26 16

Size 13.5

Sky Atlas 2000 page 22

Other Chart Page(s)

(Enter page # from your favorite chart here.)

Binocular Difficulty T

E=easy, T=tough, C=challenging / 7x50.

E2=easy, T2=tough, C2=challenging / 11x80.

Personal Viewing Notes

Viewing Time Comments

Observing Site

Equipment

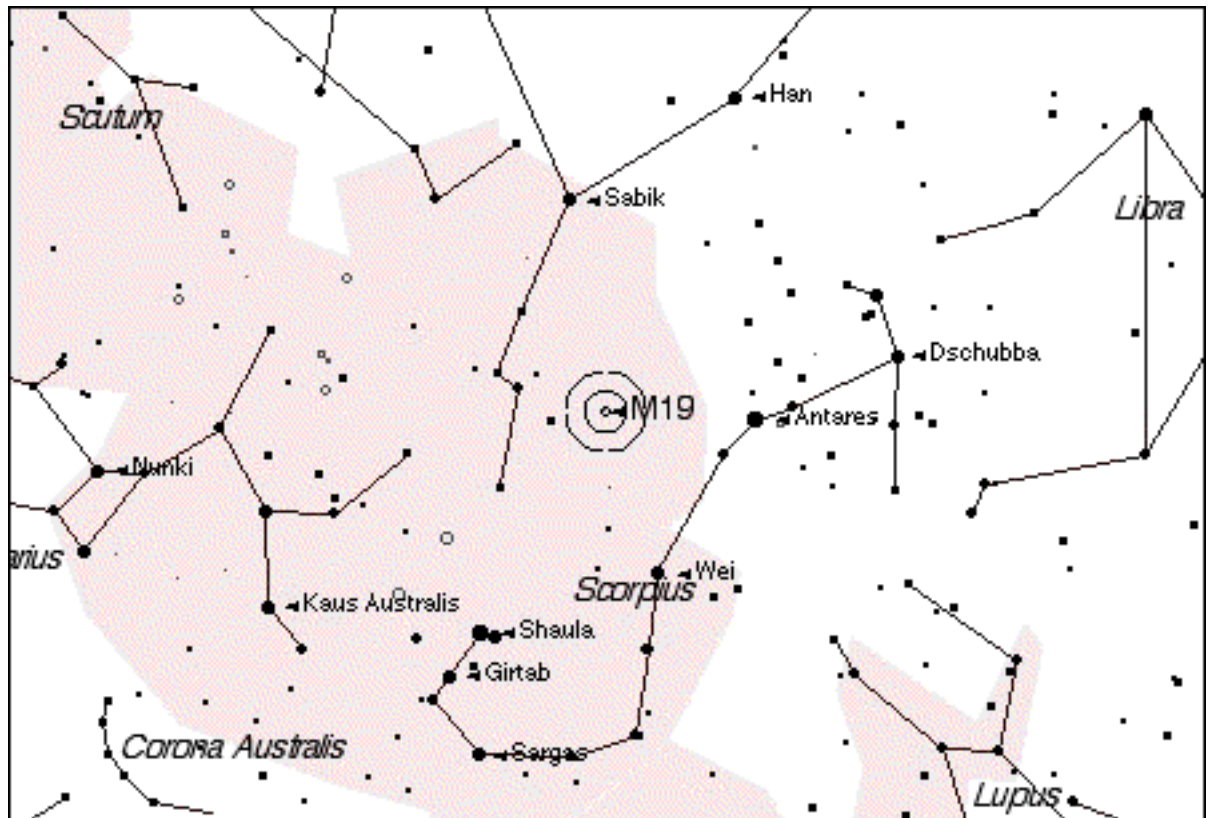
Sky Conditions Transparency

Seeing

Session Notes

Observing Notes

Star charts created by Starry Night Pro(TM) courtesy of Space.com Software



The Ultimate Messier Object Log

Messier # M020

NGC 6514

Seen?

Date seen

Type Diffuse Nebula

Magnitude

Name (if any) Trifid Nebula

5.0

Constellation Sagittarius



Marathon Order # 97

RA 18h 2.3m

Dec -23 2

Size 28.0

Sky Atlas 2000 page 22

Other Chart Page(s)

(Enter page # from your favorite chart here.)

Binocular Difficulty C2

E=easy, T=tough, C=challenging / 7x50.

E2=easy, T2=tough, C2=challenging / 11x80.

Personal Viewing Notes

Viewing Time Comments

Observing Site

Equipment

Sky Conditions Transparency

Seeing

Session Notes

Observing Notes

Star charts created by Starry Night Pro(TM) courtesy of Space.com Software



The Ultimate Messier Object Log

Messier # M021

NGC 6531

Seen?

Date seen

Type Open Cluster
Name (if any) N/A
Constellation Sagittarius
Marathon Order # 96

Magnitude
7.0



RA 18h 4.6m **Dec** -22 30 **Size** 13.0

Sky Atlas 2000 page 22 **Other Chart Page(s)** (Enter page # from your favorite chart here.)

Binocular Difficulty ?

E=easy, T=tough, C=challenging / 7x50.
E2=easy, T2=tough, C2=challenging / 11x80.

Personal Viewing Notes

Viewing Time Comments

Observing Site

Equipment

Sky Conditions **Transparency** **Seeing**

Session Notes

Observing Notes

Star charts created by Starry Night Pro(TM) courtesy of Space.com Software



The Ultimate Messier Object Log

Messier # M022

NGC 6656

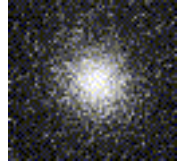
Seen?

Date seen

Type Globular Cluster
Name (if any) N/A
Constellation Sagittarius
Marathon Order # 100

Magnitude

6.5



RA 18h 36.4m **Dec** -29 54 **Size** 24.0

Sky Atlas 2000 page 22 **Other Chart Page(s)** (Enter page # from your favorite chart here.)

Binocular Difficulty E

E=easy, T=tough, C=challenging / 7x50.

E2=easy, T2=tough, C2=challenging / 11x80.

Personal Viewing Notes

Viewing Time Comments

Observing Site

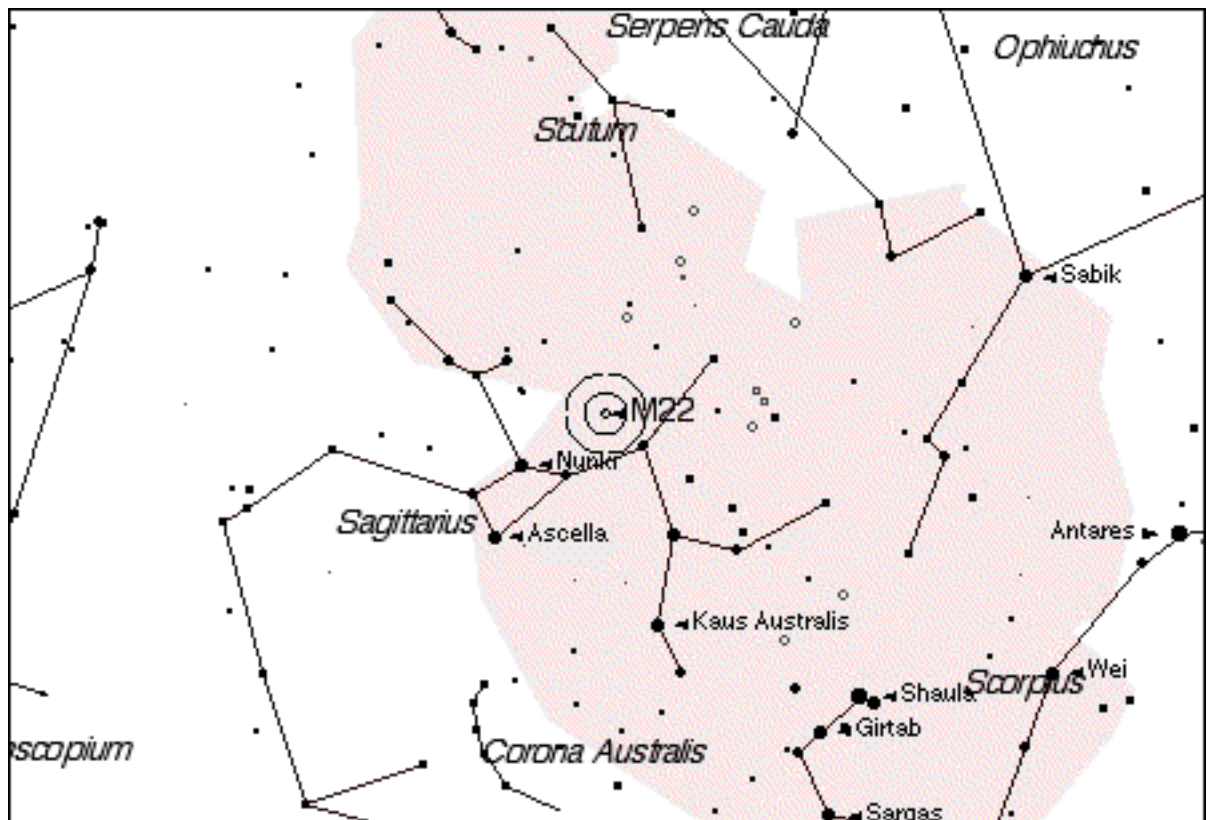
Equipment

Sky Conditions Transparency **Seeing**

Session Notes

Observing Notes

Star charts created by Starry Night Pro(TM) courtesy of Space.com Software



The Ultimate Messier Object Log

Messier # M023

NGC 6494

Seen?

Date seen

Type Open Cluster
Name (if any) N/A
Constellation Sagittarius
Marathon Order # 95

Magnitude

6.0



RA 17h 56.8m Dec -19 1 Size 27.0

Sky Atlas 2000 page 15 Other Chart Page(s) (Enter page # from your favorite chart here.)

Binocular Difficulty E

E=easy, T=tough, C=challenging / 7x50.

E2=easy, T2=tough, C2=challenging / 11x80.

Personal Viewing Notes

Viewing Time Comments

Observing Site

Equipment

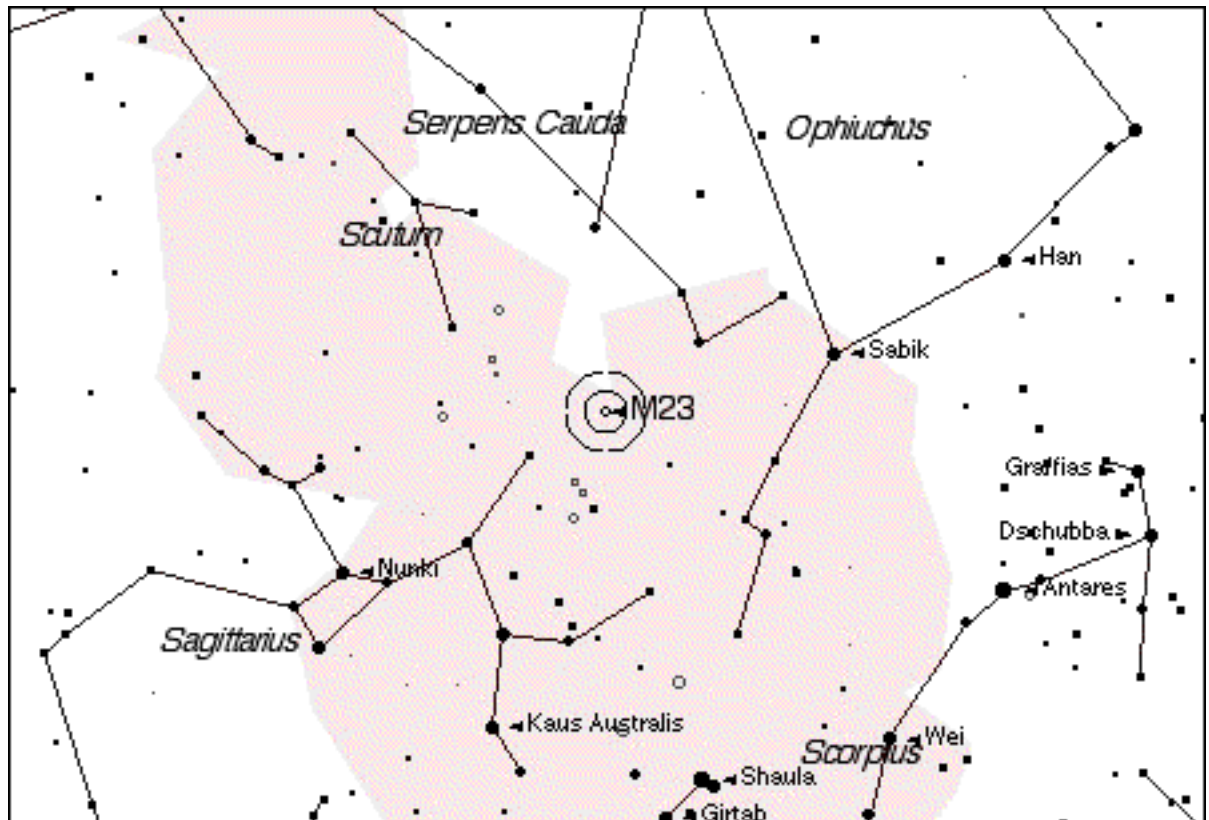
Sky Conditions Transparency

Seeing

Session Notes

Observing Notes

Star charts created by Starry Night Pro(TM) courtesy of Space.com Software



The Ultimate Messier Object Log

Messier # M024

NGC 6603

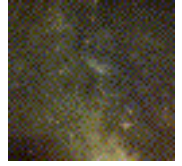
Seen?

Date seen

Type Star Cloud
Name (if any) Milky Way Patch
Constellation Sagittarius
Marathon Order # 93

Magnitude

11.5



RA 18h 18.4m **Dec** -18 25 **Size** 5.0

Sky Atlas 2000 page 15 **Other Chart Page(s)** (Enter page # from your favorite chart here.)

Binocular Difficulty E

E=easy, T=tough, C=challenging / 7x50.

E2=easy, T2=tough, C2=challenging / 11x80.

Personal Viewing Notes

Viewing Time Comments

Observing Site

Equipment

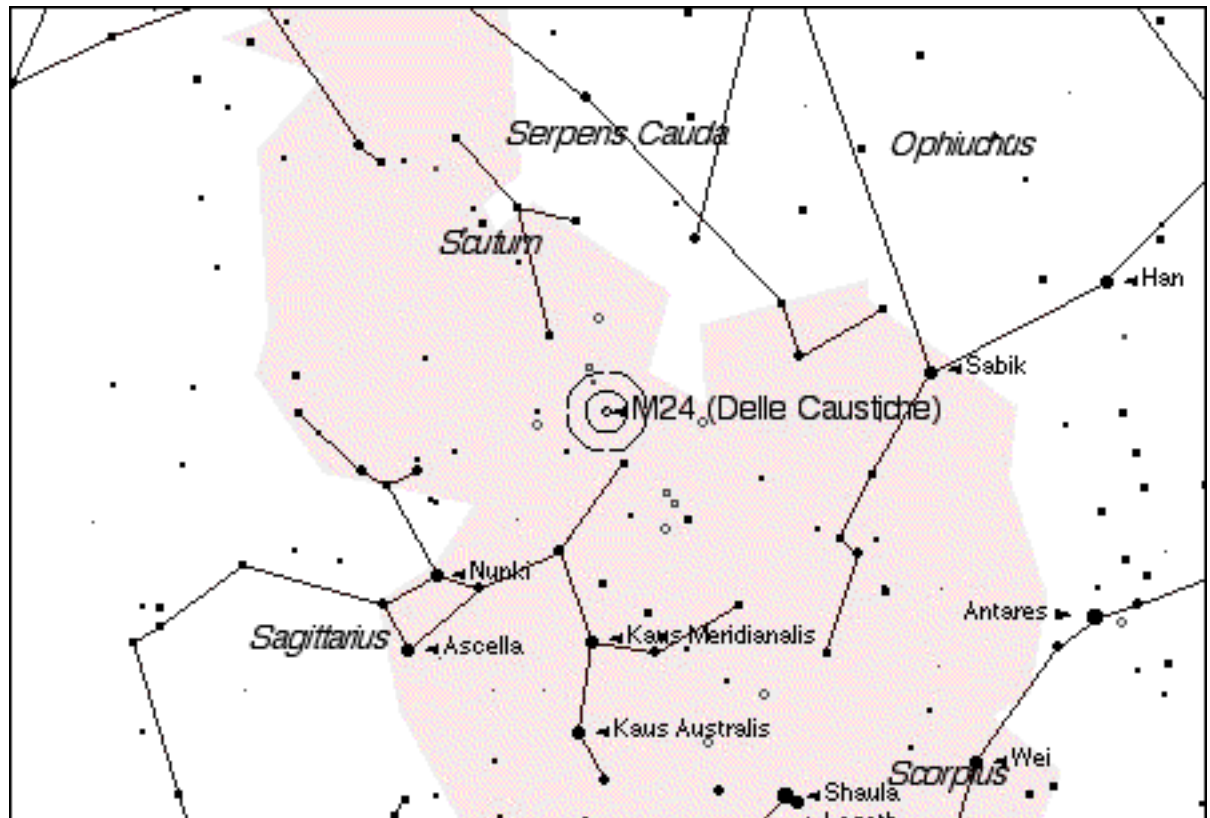
Sky Conditions Transparency

Seeing

Session Notes

Observing Notes

Star charts created by Starry Night Pro(TM) courtesy of Space.com Software



The Ultimate Messier Object Log

Messier # M025

NGC IC4725

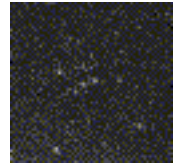
Seen?

Date seen

Type Open Cluster
Name (if any) N/A
Constellation Sagittarius
Marathon Order # 94

Magnitude

4.9



RA 18h 28.8m Dec -19 17 Size 40.0

Sky Atlas 2000 page 15 Other Chart Page(s) (Enter page # from your favorite chart here.)

Binocular Difficulty E

E=easy, T=tough, C=challenging / 7x50.
E2=easy, T2=tough, C2=challenging / 11x80.

Personal Viewing Notes

Viewing Time Comments

Observing Site

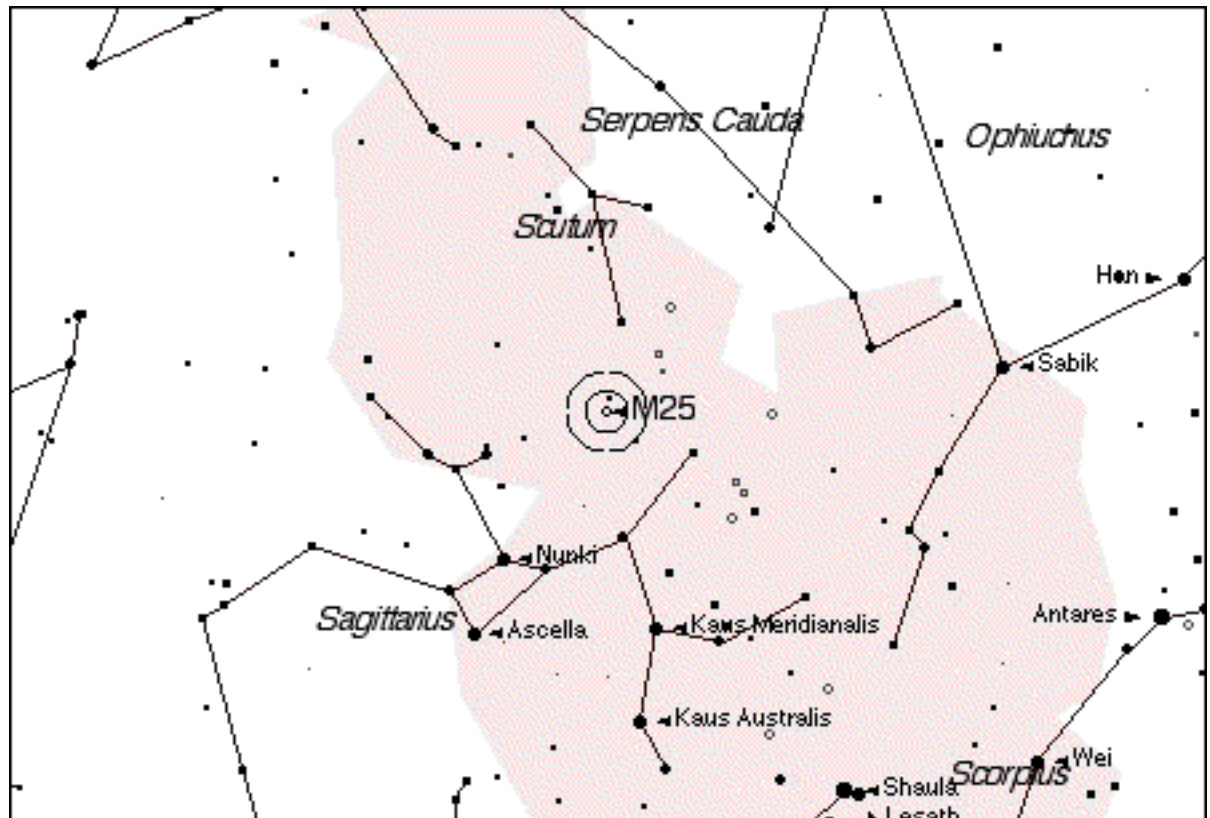
Equipment

Sky Conditions Transparency Seeing

Session Notes

Observing Notes

Star charts created by Starry Night Pro(TM) courtesy of Space.com Software



The Ultimate Messier Object Log

Messier # M026

NGC 6694

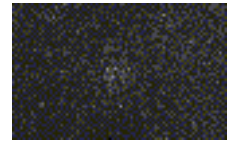
Seen?

Date seen

Type Open Cluster
Name (if any) N/A
Constellation Scutum
Marathon Order # 89

Magnitude

9.5



RA 18h 45.2m Dec -9 24 Size 15.0

Sky Atlas 2000 page 15 Other Chart Page(s) (Enter page # from your favorite chart here.)

Binocular Difficulty C

E=easy, T=tough, C=challenging / 7x50.

E2=easy, T2=tough, C2=challenging / 11x80.

Personal Viewing Notes

Viewing Time Comments

Observing Site

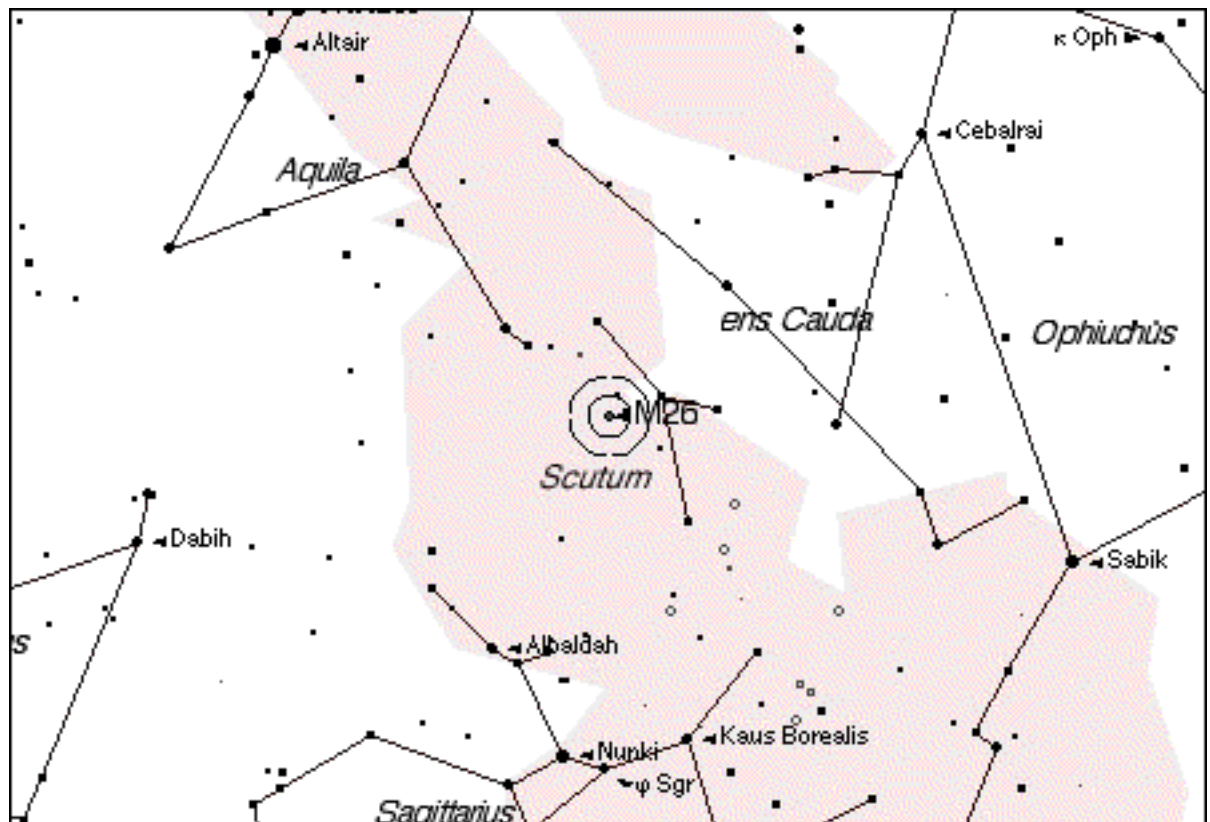
Equipment

Sky Conditions Transparency Seeing

Session Notes

Observing Notes

Star charts created by Starry Night Pro(TM) courtesy of Space.com Software



The Ultimate Messier Object Log

Messier # M027

NGC 6853

Seen?

Date seen

Type Planetary Nebula
Name (if any) Dumbbell Nebula
Constellation Vulpecula
Marathon Order # 75

Magnitude

7.5



RA 19h 59.6m **Dec** 22 43

Size 8.0x5.6

Sky Atlas 2000 page 8

Other Chart Page(s)

(Enter page # from your favorite chart here.)

Binocular Difficulty E

E=easy, T=tough, C=challenging / 7x50.

E2=easy, T2=tough, C2=challenging / 11x80.

Personal Viewing Notes

Viewing Time Comments

Observing Site

Equipment

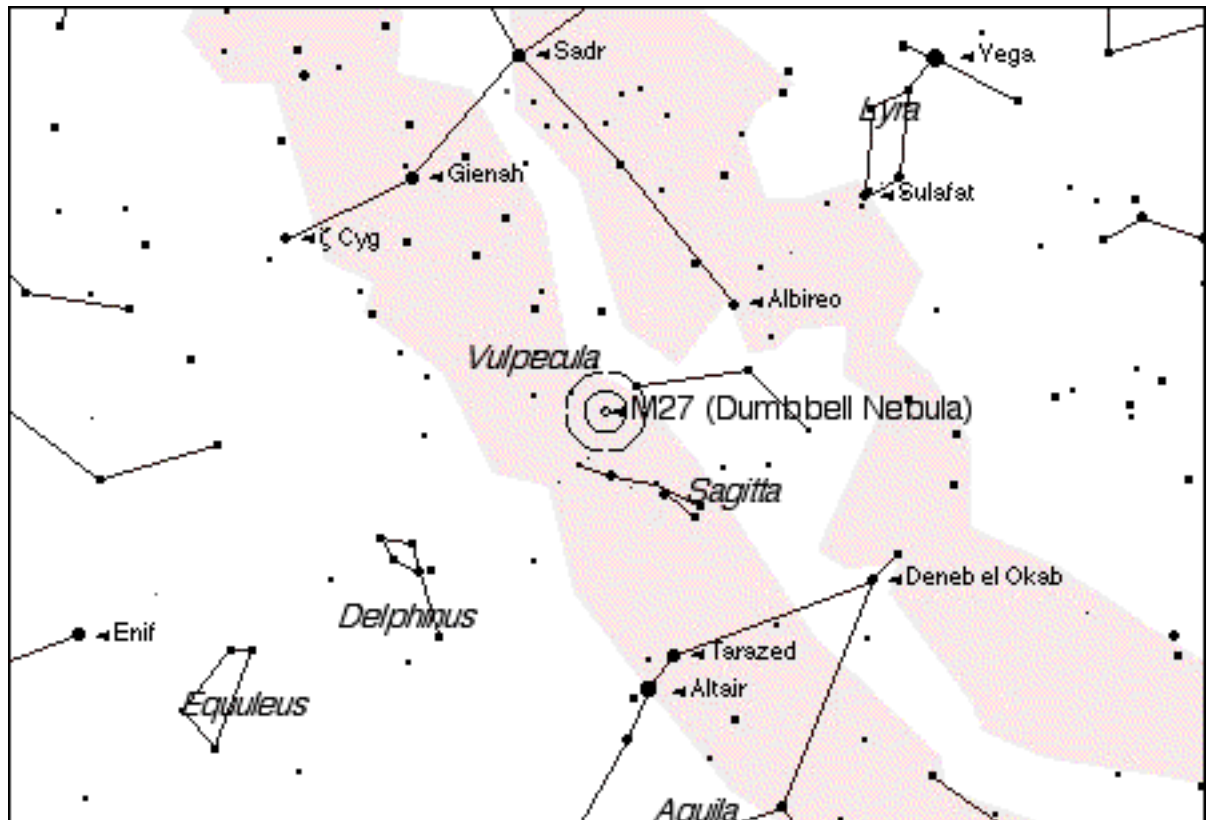
Sky Conditions Transparency

Seeing

Session Notes

Observing Notes

Star charts created by Starry Night Pro(TM) courtesy of Space.com Software



The Ultimate Messier Object Log

Messier # M028

NGC 6626

Seen?

Date seen

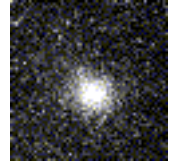
Type Globular Cluster

Magnitude

Name (if any) N/A

8.5

Constellation Sagittarius



Marathon Order # 99

RA 18h 24.5m Dec -24 52

Size 11.2

Sky Atlas 2000 page 22

Other Chart Page(s)

(Enter page # from your favorite chart here.)

Binocular Difficulty T

E=easy, T=tough, C=challenging / 7x50.

E2=easy, T2=tough, C2=challenging / 11x80.

Personal Viewing Notes

Viewing Time Comments

Observing Site

Equipment

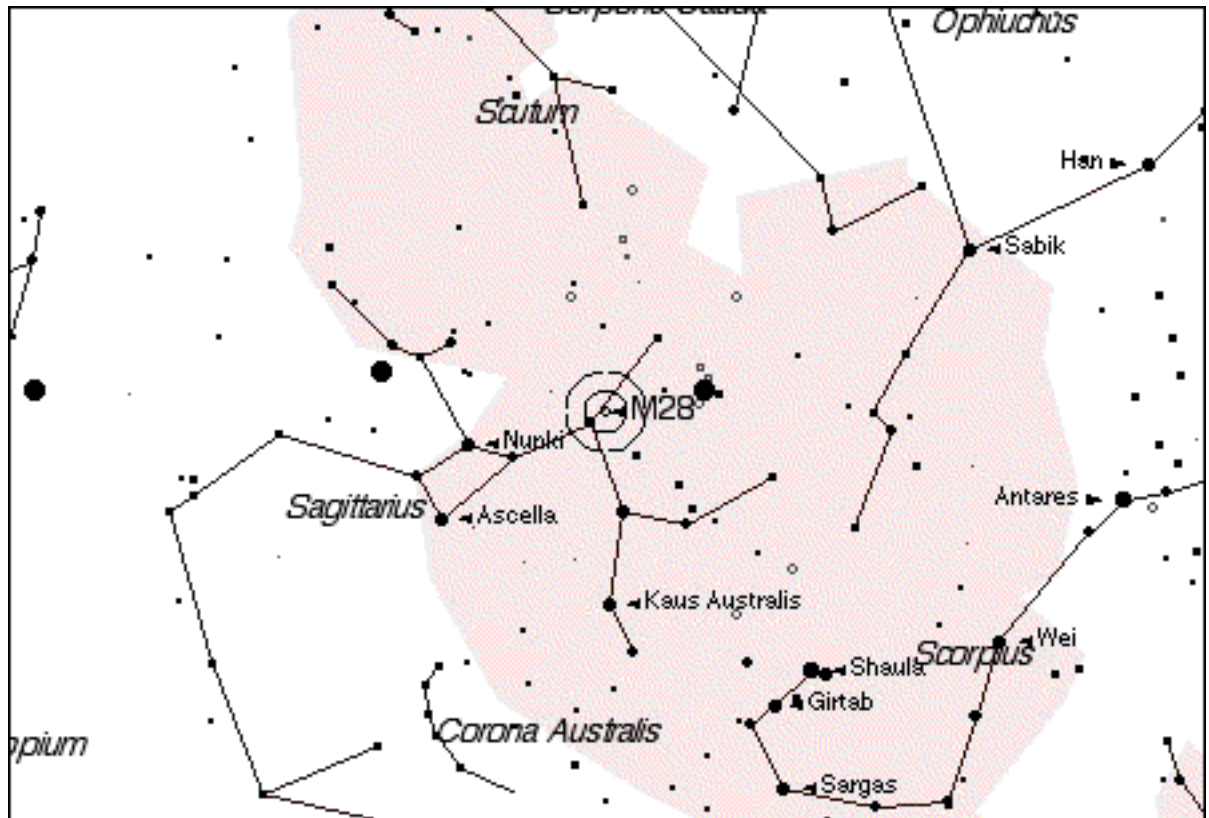
Sky Conditions Transparency

Seeing

Session Notes

Observing Notes

Star charts created by Starry Night Pro(TM) courtesy of Space.com Software



The Ultimate Messier Object Log

Messier # M029

NGC 6913

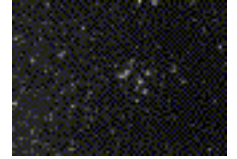
Seen?

Date seen

Type Open Cluster
Name (if any) N/A
Constellation Cygnus
Marathon Order # 73

Magnitude

9.0



RA 20h 23.9m **Dec** 38 32 **Size** 7.0

Sky Atlas 2000 page 8 **Other Chart Page(s)** (Enter page # from your favorite chart here.)

Binocular Difficulty E

E=easy, T=tough, C=challenging / 7x50.
E2=easy, T2=tough, C2=challenging / 11x80.

Personal Viewing Notes

Viewing Time Comments

Observing Site

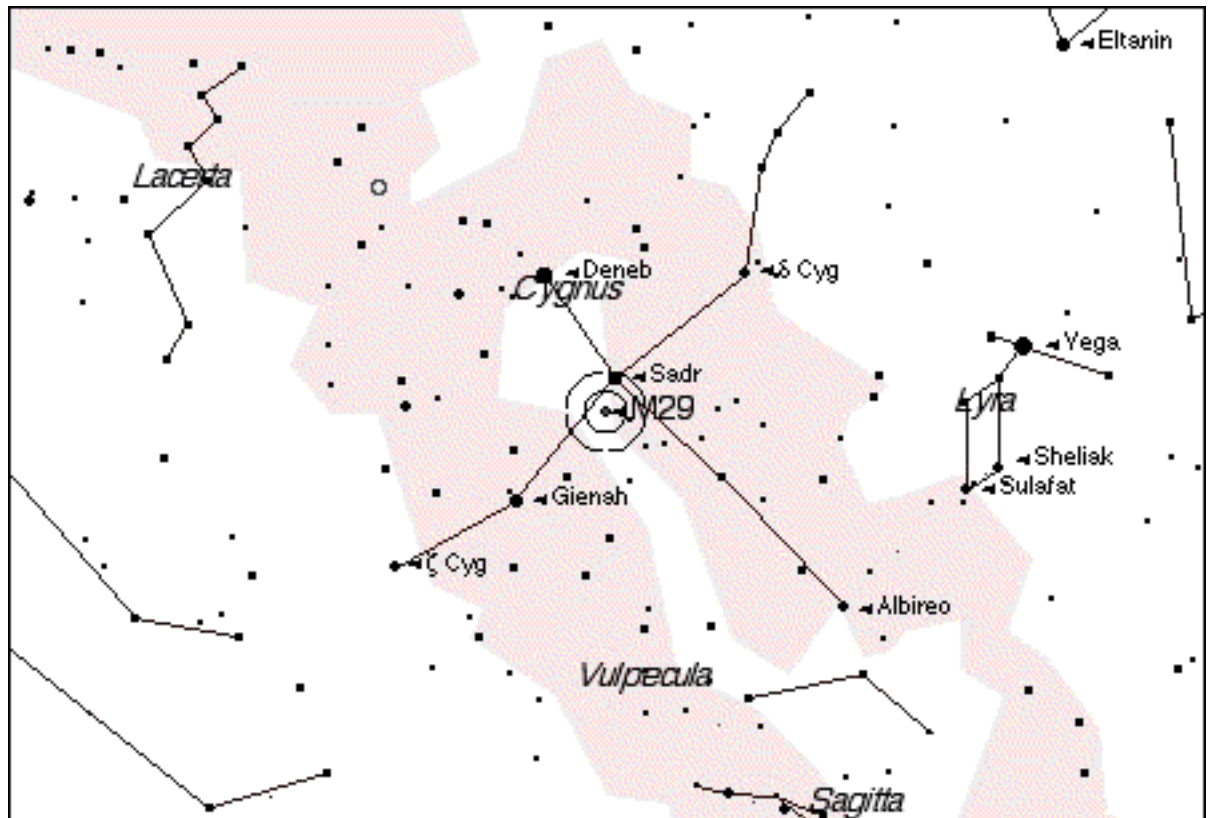
Equipment

Sky Conditions **Transparency** **Seeing**

Session Notes

Observing Notes

Star charts created by Starry Night Pro(TM) courtesy of Space.com Software



The Ultimate Messier Object Log

Messier # M030

NGC 7099

Seen?

Date seen

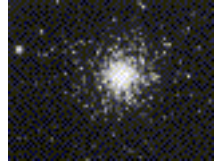
Type Globular Cluster

Magnitude

Name (if any) N/A

8.5

Constellation Capricornus



Marathon Order # 110

RA 21h 40.4m Dec -23 11

Size 11.0

Sky Atlas 2000 page 23

Other Chart Page(s)

(Enter page # from your favorite chart here.)

Binocular Difficulty T

E=easy, T=tough, C=challenging / 7x50.

E2=easy, T2=tough, C2=challenging / 11x80.

Personal Viewing Notes

Viewing Time Comments

Observing Site

Equipment

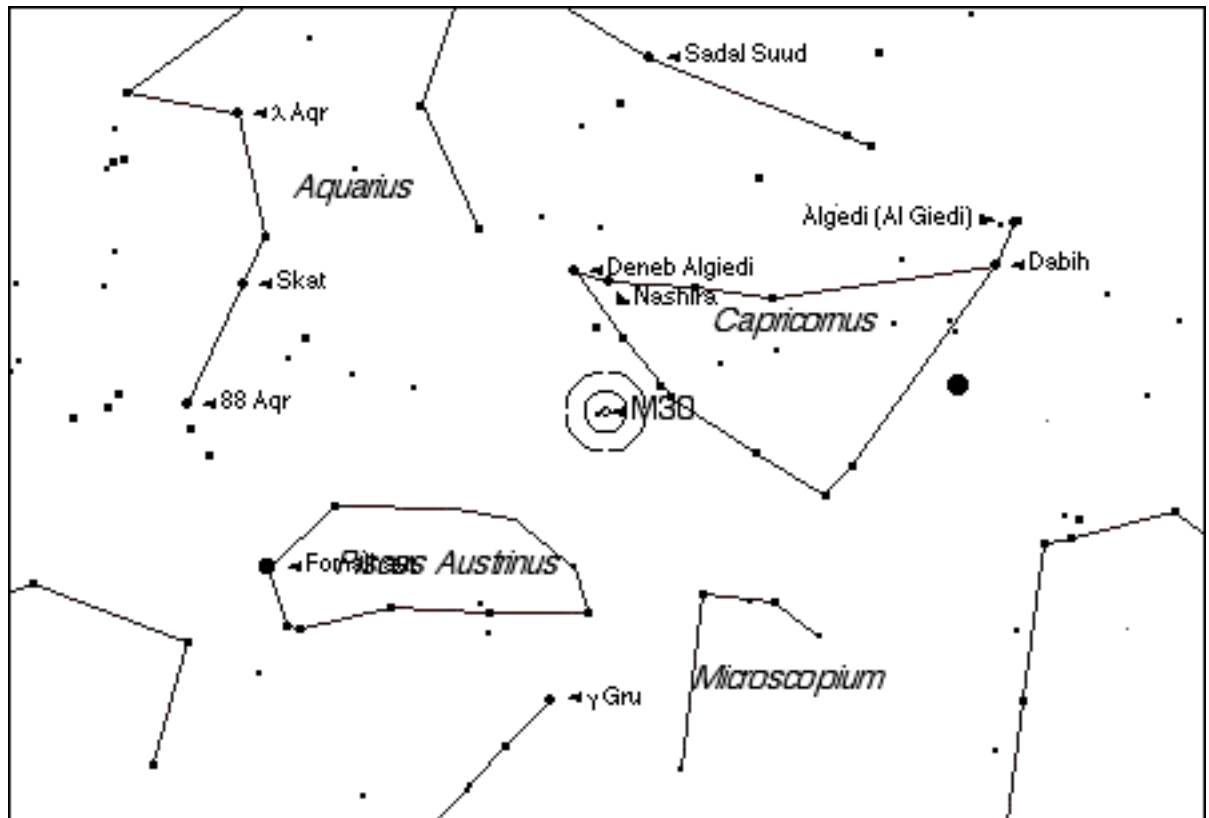
Sky Conditions Transparency

Seeing

Session Notes

Observing Notes

Star charts created by Starry Night Pro(TM) courtesy of Space.com Software



The Ultimate Messier Object Log

Messier # M031

NGC 0224

Seen?

Date seen

Type Spiral Galaxy
Name (if any) Andromeda Galaxy
Constellation Andromeda
Marathon Order # 4

Magnitude

4.5



RA 0h 42.8m

Dec 41 16

Size 178.0

Sky Atlas 2000 page 4

Other Chart Page(s)

(Enter page # from your favorite chart here.)

Binocular Difficulty E

E=easy, T=tough, C=challenging / 7x50.

E2=easy, T2=tough, C2=challenging / 11x80.

Personal Viewing Notes

Viewing Time Comments

Observing Site

Equipment

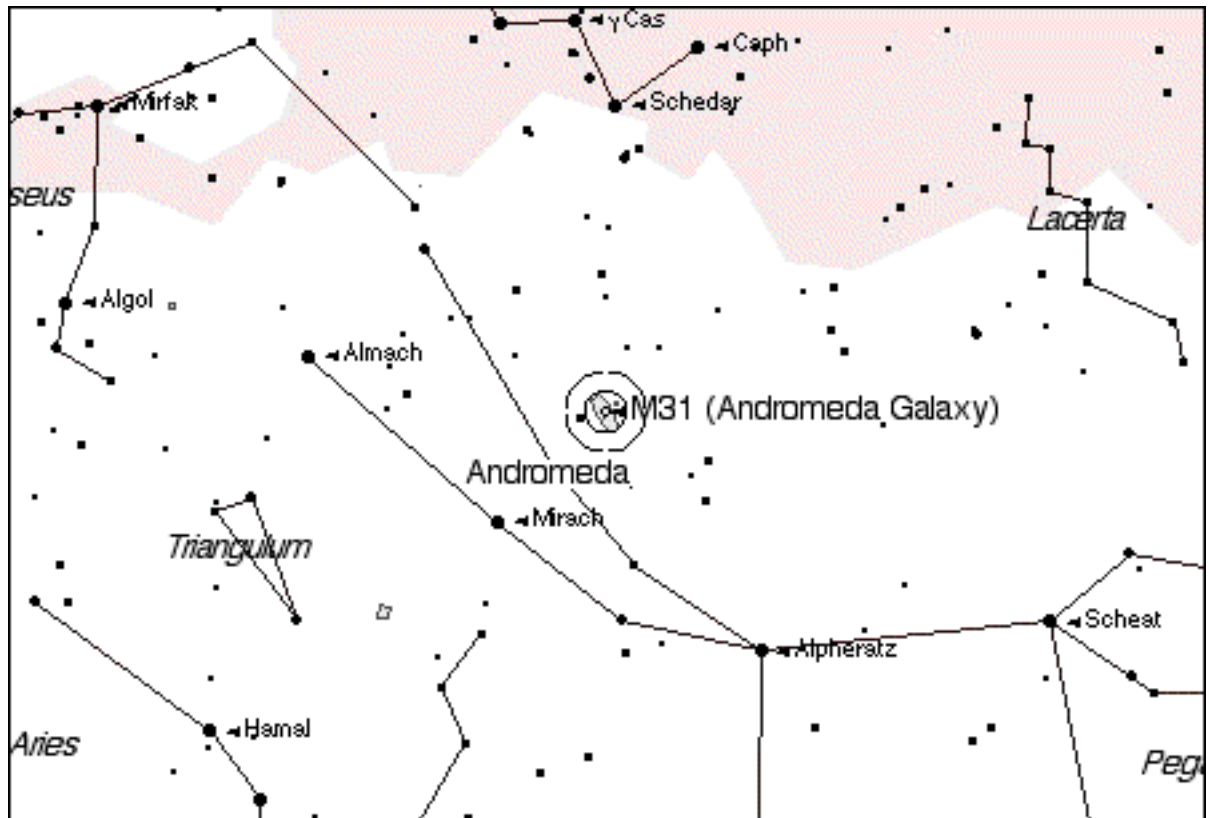
Sky Conditions Transparency

Seeing

Session Notes

Observing Notes

Star charts created by Starry Night Pro(TM) courtesy of Space.com Software



The Ultimate Messier Object Log

Messier # M032

NGC 0221

Seen?

Date seen

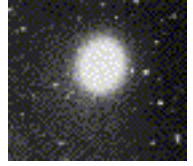
Type Elliptical Galaxy

Magnitude

Name (if any) Satellite of M31

10.0

Constellation Andromeda



Marathon Order # 5

RA 0h 42.8m

Dec 40 52

Size 8.0x6.0

Sky Atlas 2000 page 4

Other Chart Page(s)

(Enter page # from your favorite chart here.)

Binocular Difficulty E2

E=easy, T=tough, C=challenging / 7x50.

E2=easy, T2=tough, C2=challenging / 11x80.

Personal Viewing Notes

Viewing Time Comments

Observing Site

Equipment

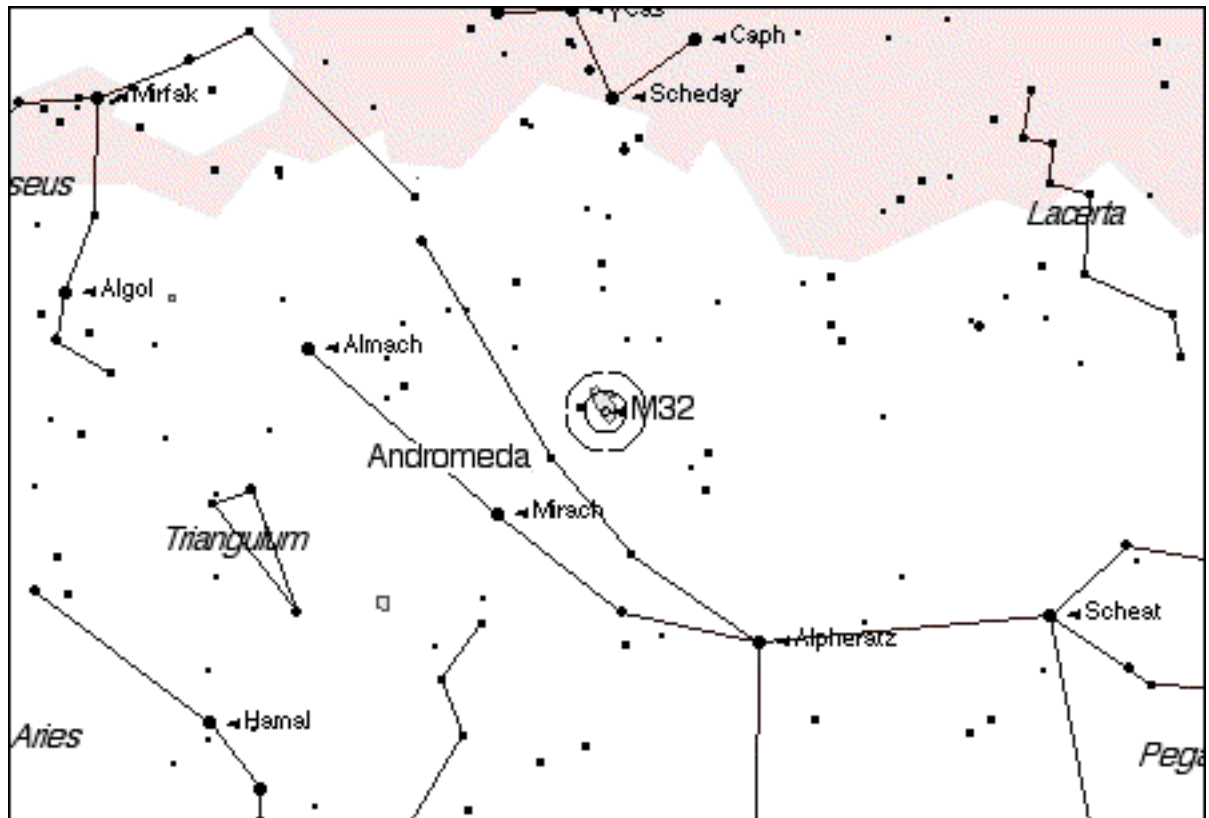
Sky Conditions Transparency

Seeing

Session Notes

Observing Notes

Star charts created by Starry Night Pro(TM) courtesy of Space.com Software



The Ultimate Messier Object Log

Messier # M033

NGC 0598

Seen?

Date seen

Type **Spiral Galaxy**

Magnitude

Name (if any) **Triangulum (also Pinwheel)**

7.0

Constellation **Triangulum**



Marathon Order # **3**

RA 1h 33.9m

Dec 30 40

Size 73.0x45.0

Sky Atlas 2000 page 4

Other Chart Page(s)

(Enter page # from your favorite chart here.)

Binocular Difficulty T2

E=easy, T=tough, C=challenging / 7x50.

E2=easy, T2=tough, C2=challenging / 11x80.

Personal Viewing Notes

Viewing Time Comments

Observing Site

Equipment

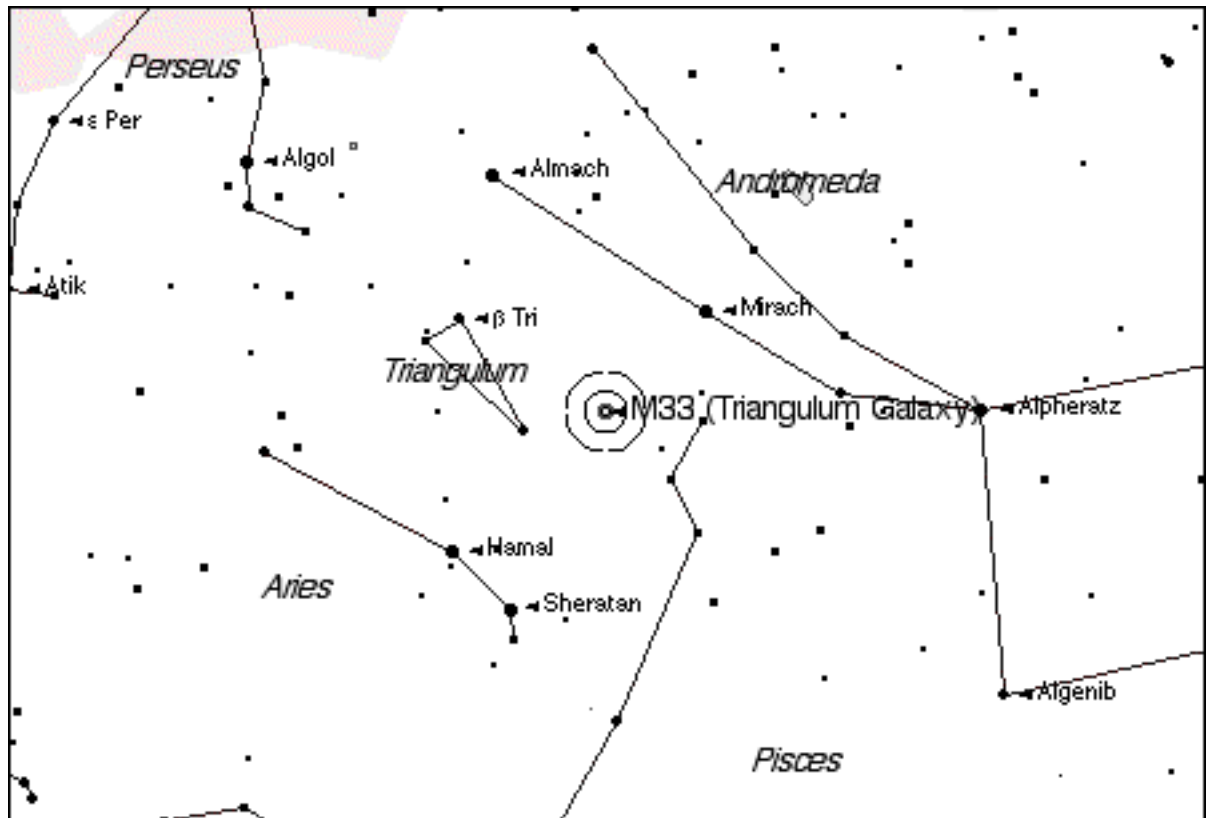
Sky Conditions Transparency

Seeing

Session Notes

Observing Notes

Star charts created by Starry Night Pro(TM) courtesy of Space.com Software



The Ultimate Messier Object Log

Messier # M034

NGC 1039

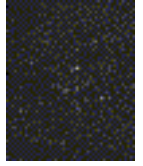
Seen?

Date seen

Type Open Cluster
Name (if any) N/A
Constellation Perseus
Marathon Order # 10

Magnitude

6.0



RA 2h 42.0m

Dec 42 47

Size 35.0

Sky Atlas 2000 page 1

Other Chart Page(s)

(Enter page # from your favorite chart here.)

Binocular Difficulty E

E=easy, T=tough, C=challenging / 7x50.

E2=easy, T2=tough, C2=challenging / 11x80.

Personal Viewing Notes

Viewing Time Comments

Observing Site

Equipment

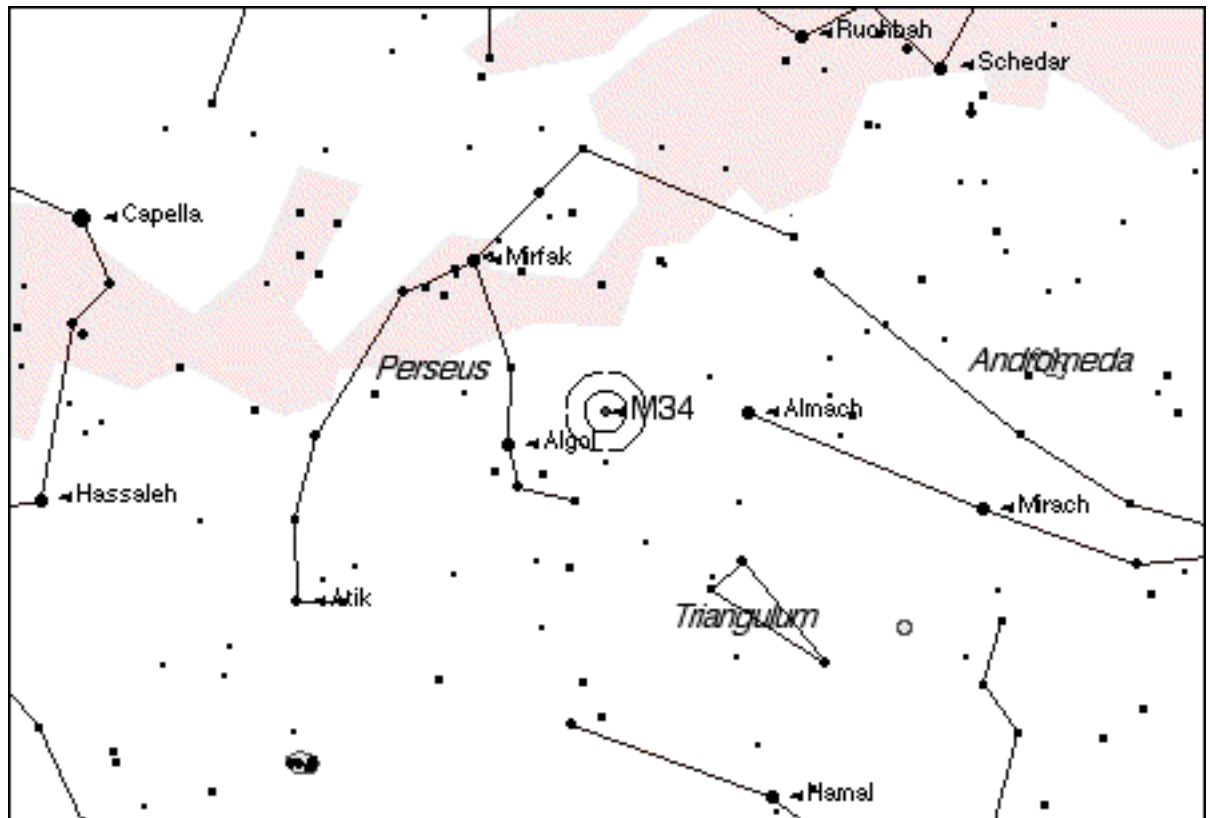
Sky Conditions Transparency

Seeing

Session Notes

Observing Notes

Star charts created by Starry Night Pro(TM) courtesy of Space.com Software



The Ultimate Messier Object Log

Messier # M035

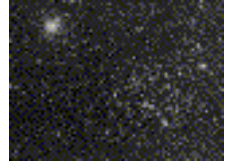
NGC 2168

Seen?

Date seen

Type Open Cluster
Name (if any) N/A
Constellation Gemini
Marathon Order # 17

Magnitude
 5.5



RA 6h 8.9m

Dec 24 20

Size 28.0

Sky Atlas 2000 page 5

Other Chart Page(s)

(Enter page # from your favorite chart here.)

Binocular Difficulty E

E=easy, T=tough, C=challenging / 7x50.

E2=easy, T2=tough, C2=challenging / 11x80.

Personal Viewing Notes

Viewing Time Comments

Observing Site

Equipment

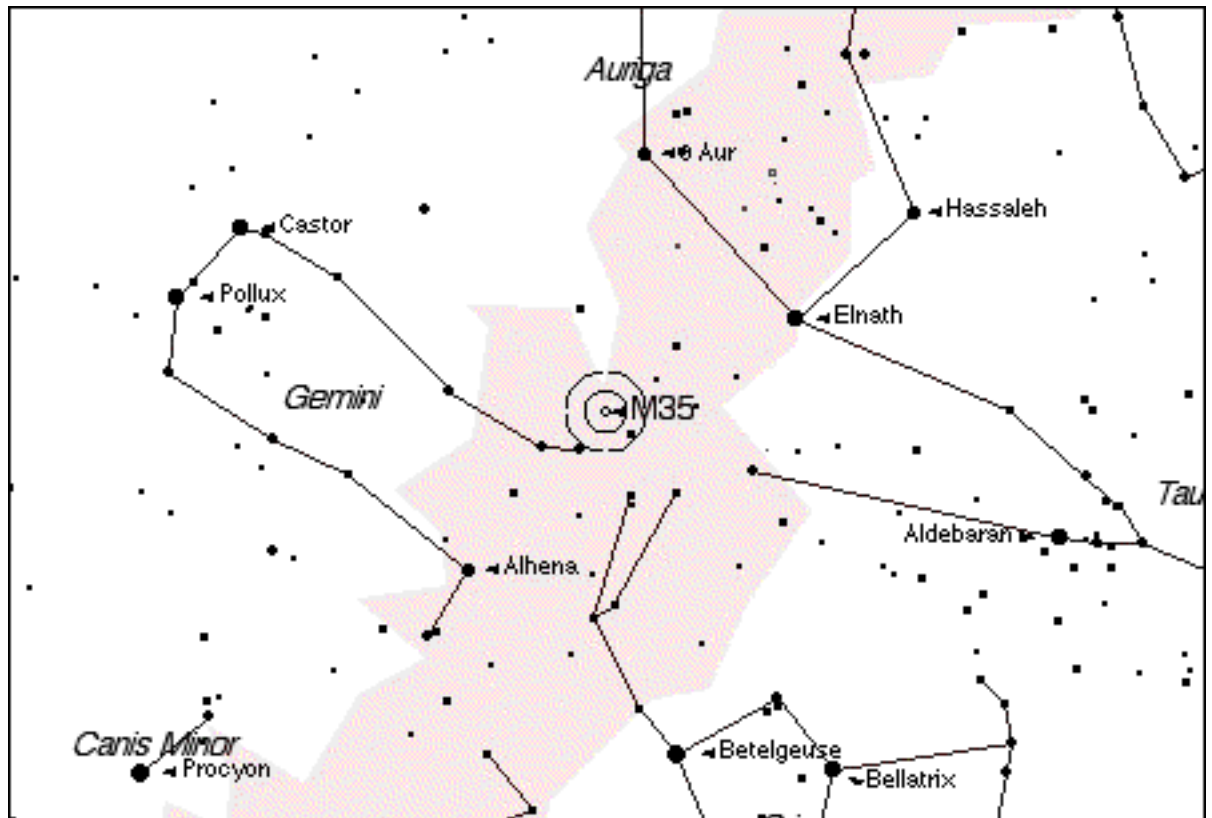
Sky Conditions Transparency

Seeing

Session Notes

Observing Notes

Star charts created by Starry Night Pro(TM) courtesy of Space.com Software



The Ultimate Messier Object Log

Messier # M036

NGC 1960

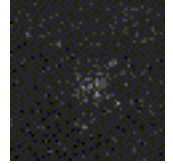
Seen?

Date seen

Type Open Cluster
Name (if any) N/A
Constellation Auriga
Marathon Order # 19

Magnitude

6.5



RA 5h 36.1

Dec 34 08

Size 12.0

Sky Atlas 2000 page 5

Other Chart Page(s)

(Enter page # from your favorite chart here.)

Binocular Difficulty E

E=easy, T=tough, C=challenging / 7x50.

E2=easy, T2=tough, C2=challenging / 11x80.

Personal Viewing Notes

Viewing Time Comments

Observing Site

Equipment

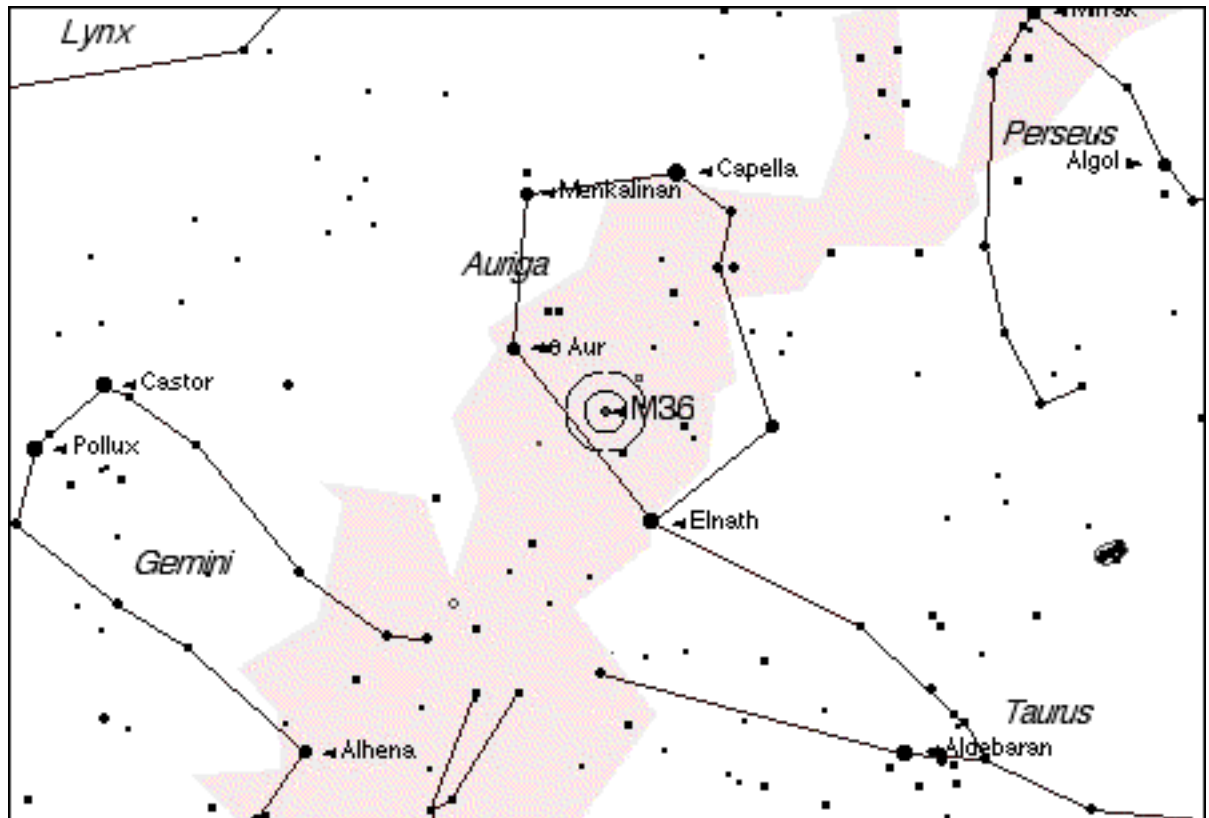
Sky Conditions Transparency

Seeing

Session Notes

Observing Notes

Star charts created by Starry Night Pro(TM) courtesy of Space.com Software



The Ultimate Messier Object Log

Messier # M037

NGC 2099

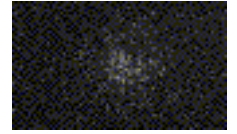
Seen?

Date seen

Type Open Cluster
Name (if any) N/A
Constellation Auriga
Marathon Order # 18

Magnitude

6.0



RA 5h 52.4m

Dec 32 33

Size 24.0

Sky Atlas 2000 page 5

Other Chart Page(s)

(Enter page # from your favorite chart here.)

Binocular Difficulty E

E=easy, T=tough, C=challenging / 7x50.

E2=easy, T2=tough, C2=challenging / 11x80.

Personal Viewing Notes

Viewing Time Comments

Observing Site

Equipment

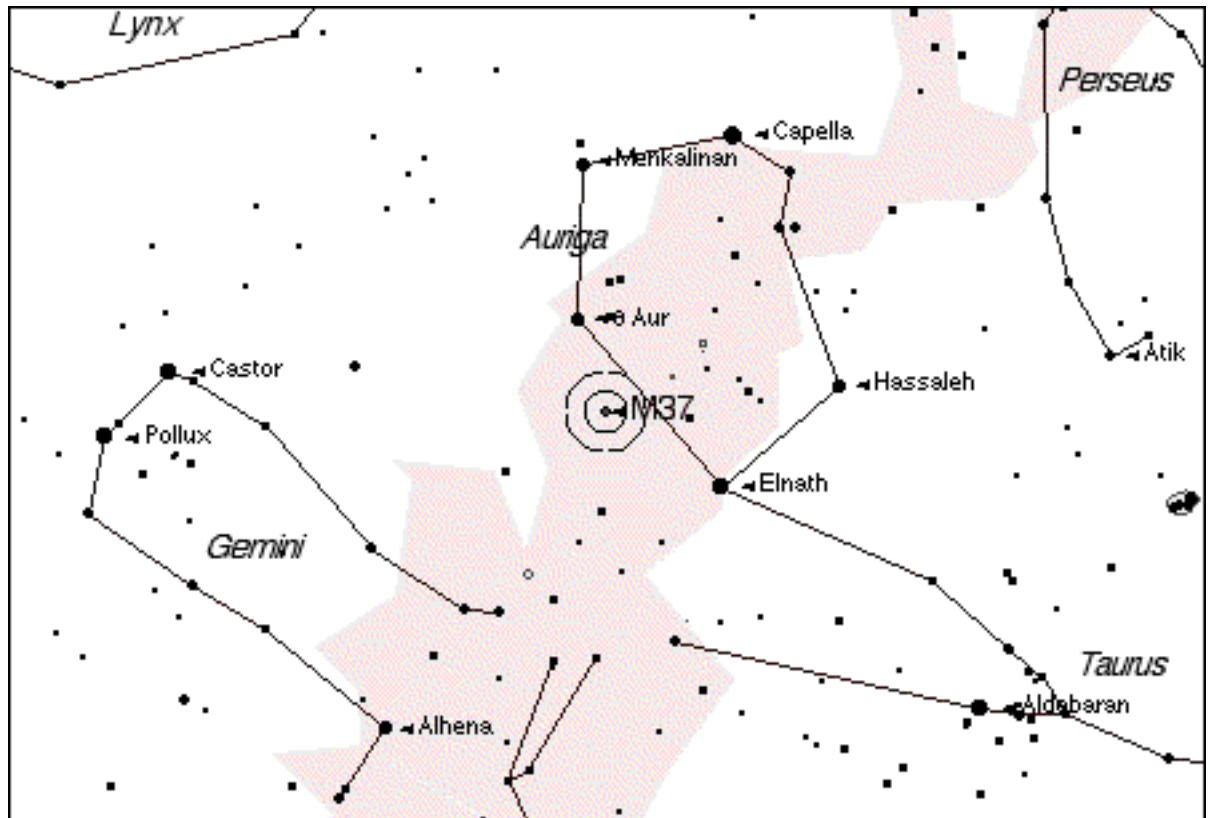
Sky Conditions Transparency

Seeing

Session Notes

Observing Notes

Star charts created by Starry Night Pro(TM) courtesy of Space.com Software



The Ultimate Messier Object Log

Messier # M038

NGC 1922

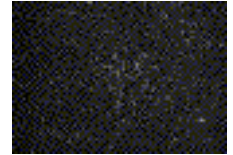
Seen?

Date seen

Type Open Cluster
Name (if any) N/A
Constellation Auriga
Marathon Order # 20

Magnitude

7.0



RA 5h 28.7m

Dec 35 50

Size 21.0

Sky Atlas 2000 page 5

Other Chart Page(s)

(Enter page # from your favorite chart here.)

Binocular Difficulty E

E=easy, T=tough, C=challenging / 7x50.

E2=easy, T2=tough, C2=challenging / 11x80.

Personal Viewing Notes

Viewing Time Comments

Observing Site

Equipment

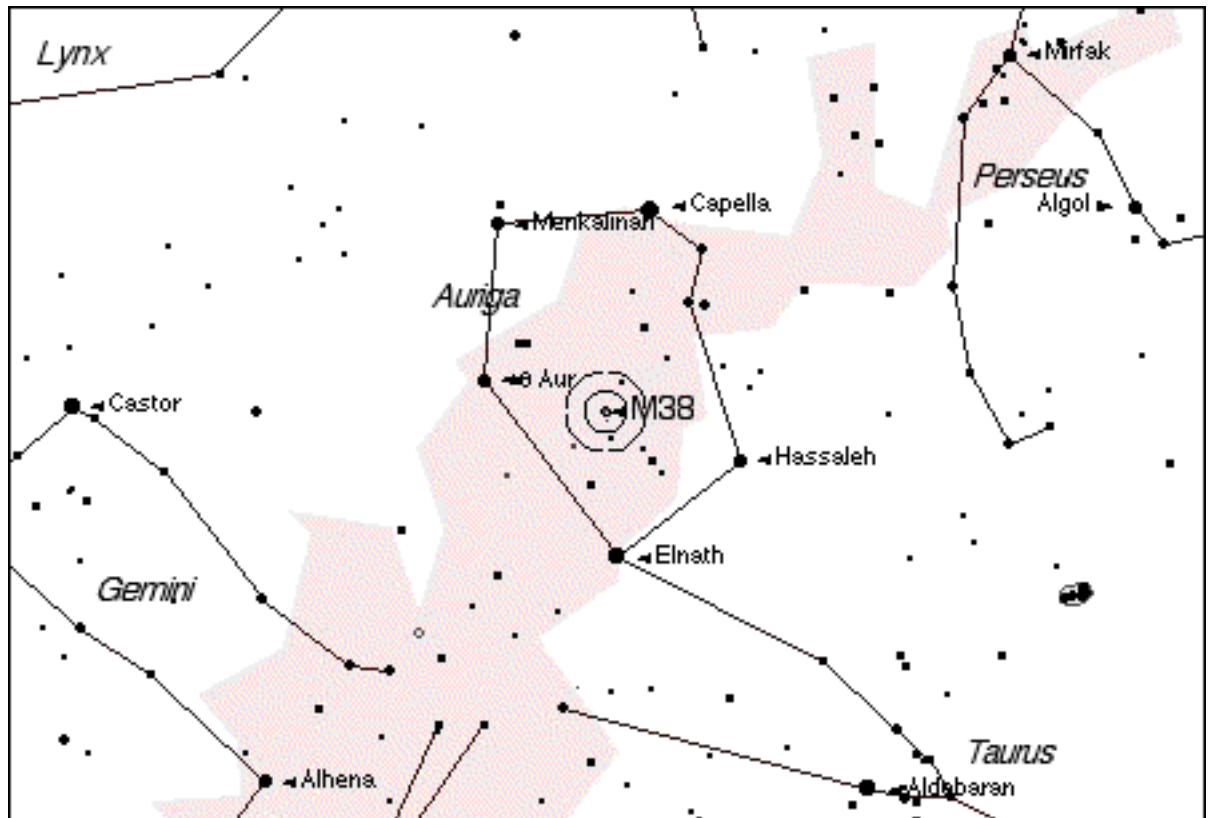
Sky Conditions Transparency

Seeing

Session Notes

Observing Notes

Star charts created by Starry Night Pro(TM) courtesy of Space.com Software



The Ultimate Messier Object Log

Messier # M039

NGC 7092

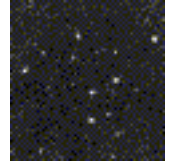
Seen?

Date seen

Type Open Cluster
Name (if any) N/A
Constellation Cygnus
Marathon Order # 74

Magnitude

5.5



RA 21h 32.2m **Dec** 48 26 **Size** 32.0

Sky Atlas 2000 page 9 **Other Chart Page(s)** (Enter page # from your favorite chart here.)

Binocular Difficulty E

E=easy, T=tough, C=challenging / 7x50.
E2=easy, T2=tough, C2=challenging / 11x80.

Personal Viewing Notes

Viewing Time Comments

Observing Site

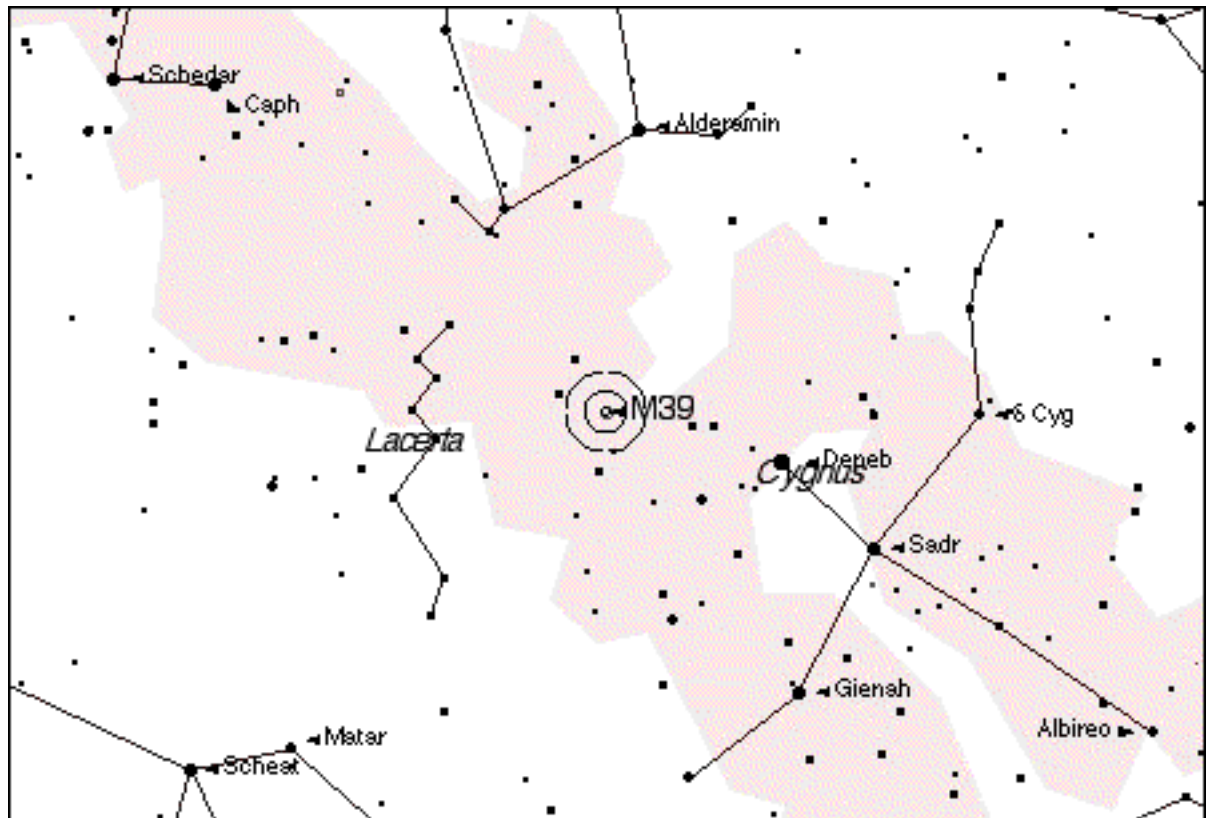
Equipment

Sky Conditions **Transparency** **Seeing**

Session Notes

Observing Notes

Star charts created by Starry Night Pro(TM) courtesy of Space.com Software



The Ultimate Messier Object Log

Messier # M040

NGC 7092

Seen?

Date seen

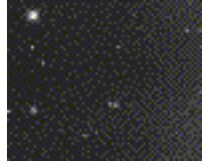
Type Double Star

Magnitude

Name (if any) Winecke 4

9.0

Constellation Ursa Major



Marathon Order # 39

RA 12h 20.0m

Dec 58 22

Size 0.8

Sky Atlas 2000 page 2

Other Chart Page(s)

(Enter page # from your favorite chart here.)

Binocular Difficulty T

E=easy, T=tough, C=challenging / 7x50.

E2=easy, T2=tough, C2=challenging / 11x80.

Personal Viewing Notes

Viewing Time Comments

Observing Site

Equipment

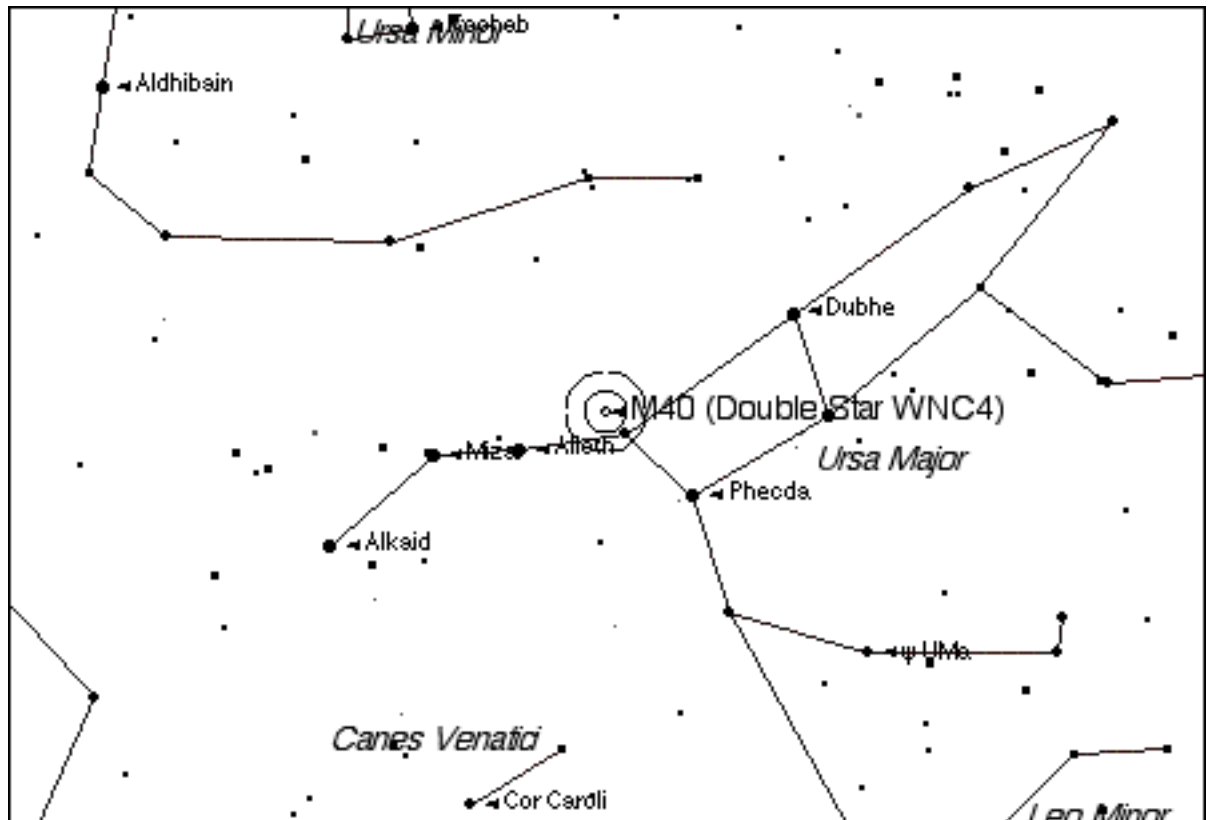
Sky Conditions Transparency

Seeing

Session Notes

Observing Notes

Star charts created by Starry Night Pro(TM) courtesy of Space.com Software



The Ultimate Messier Object Log

Messier # M041

NGC 2287

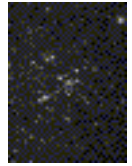
Seen?

Date seen

Type **Open Cluster**
Name (if any) **N/A**
Constellation **Canis Major**
Marathon Order # **21**

Magnitude

5.0



RA 6h 47.0m

Dec -20 44

Size 38.0

Sky Atlas 2000 page 19

Other Chart Page(s)

(Enter page # from your favorite chart here.)

Binocular Difficulty E

E=easy, T=tough, C=challenging / 7x50.

E2=easy, T2=tough, C2=challenging / 11x80.

Personal Viewing Notes

Viewing Time Comments

Observing Site

Equipment

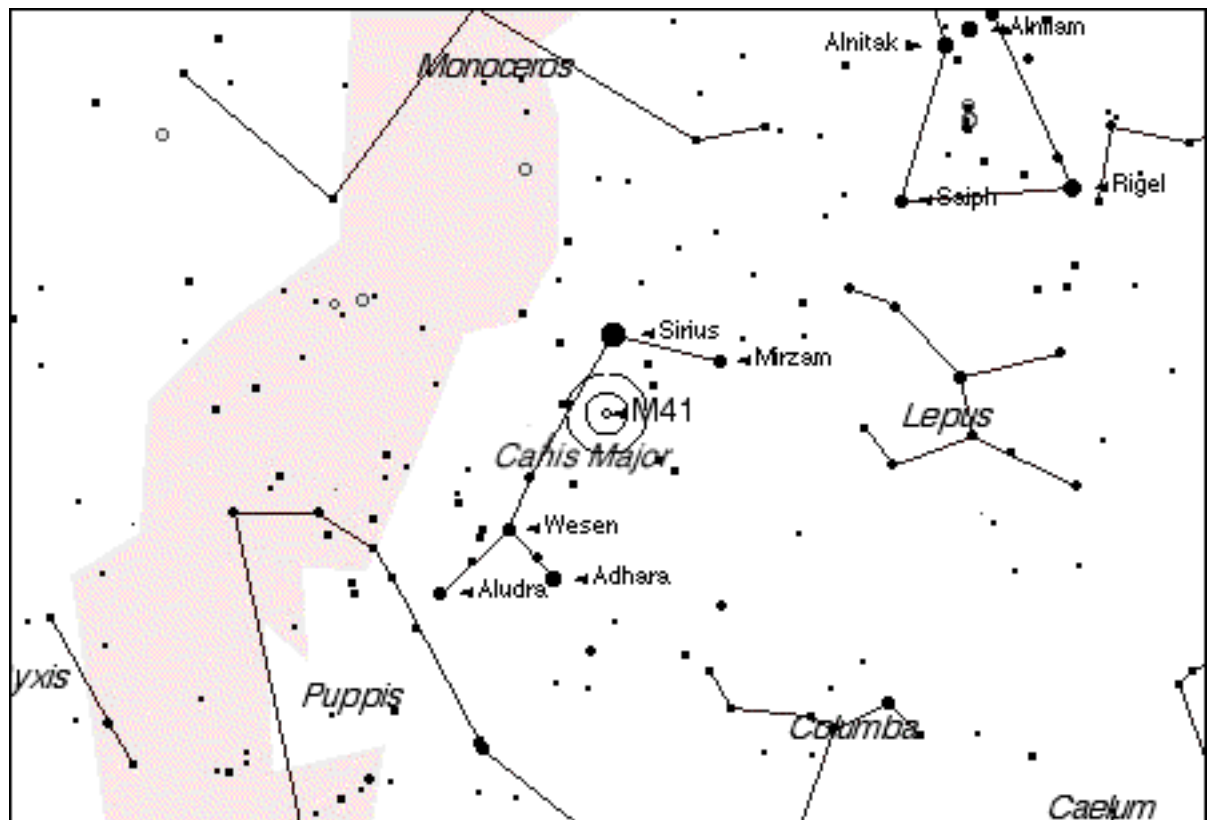
Sky Conditions Transparency

Seeing

Session Notes

Observing Notes

Star charts created by Starry Night Pro(TM) courtesy of Space.com Software



The Ultimate Messier Object Log

Messier # M042

NGC 1976

Seen?

Date seen

Type Diffuse Nebula
Name (if any) Great Orion Nebula
Constellation Orion
Marathon Order # 13

Magnitude

5.0



RA 5h 35.3m

Dec -5 23

Size 85.0x60.0

Sky Atlas 2000 page 11

Other Chart Page(s)

(Enter page # from your favorite chart here.)

Binocular Difficulty E

E=easy, T=tough, C=challenging / 7x50.

E2=easy, T2=tough, C2=challenging / 11x80.

Personal Viewing Notes

Viewing Time Comments

Observing Site

Equipment

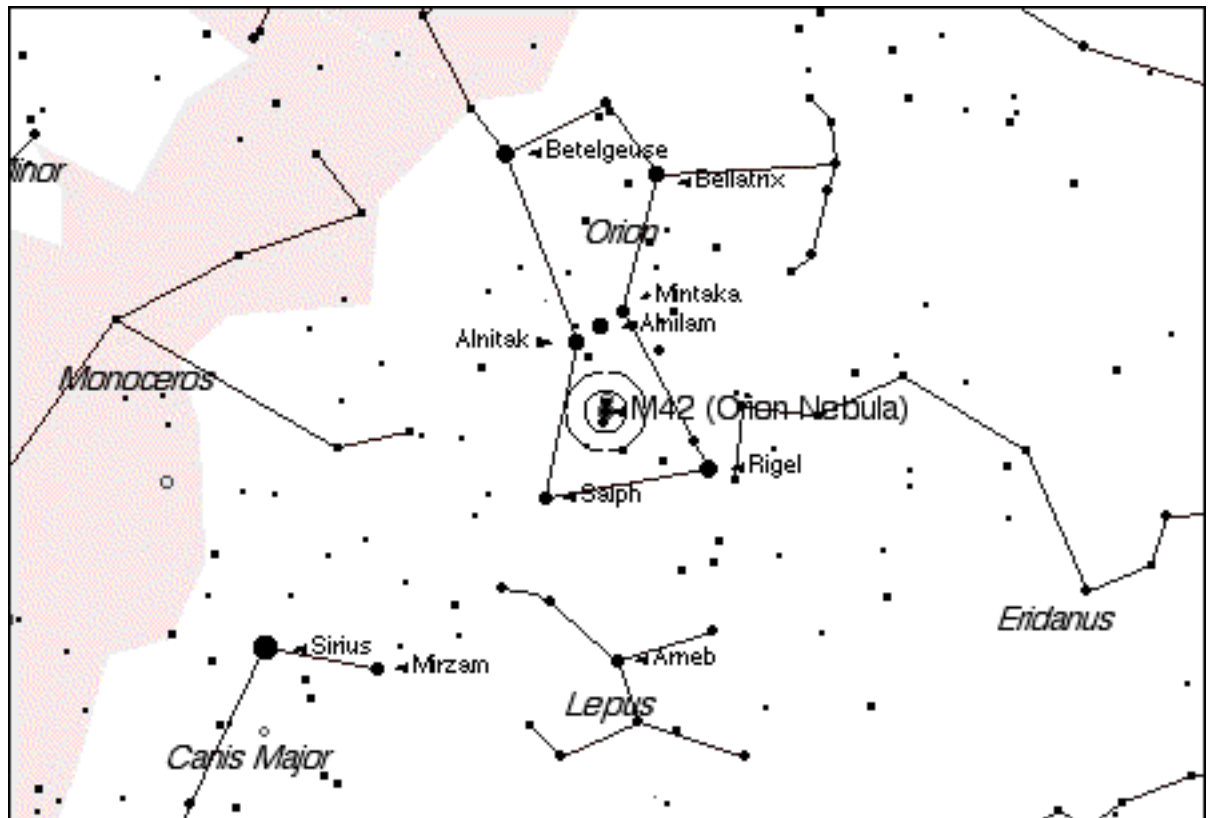
Sky Conditions Transparency

Seeing

Session Notes

Observing Notes

Star charts created by Starry Night Pro(TM) courtesy of Space.com Software



The Ultimate Messier Object Log

Messier # M043

NGC 1982

Seen?

Date seen

Type Diffuse Nebula

Magnitude

Name (if any) de Mairan's Nebula

7.0

Constellation Orion



Marathon Order # 14

RA 5h 35.5m

Dec -5 16

Size 20.0x15.0

Sky Atlas 2000 page 11

Other Chart Page(s)

(Enter page # from your favorite chart here.)

Binocular Difficulty ?

E=easy, T=tough, C=challenging / 7x50.

E2=easy, T2=tough, C2=challenging / 11x80.

Personal Viewing Notes

Viewing Time Comments

Observing Site

Equipment

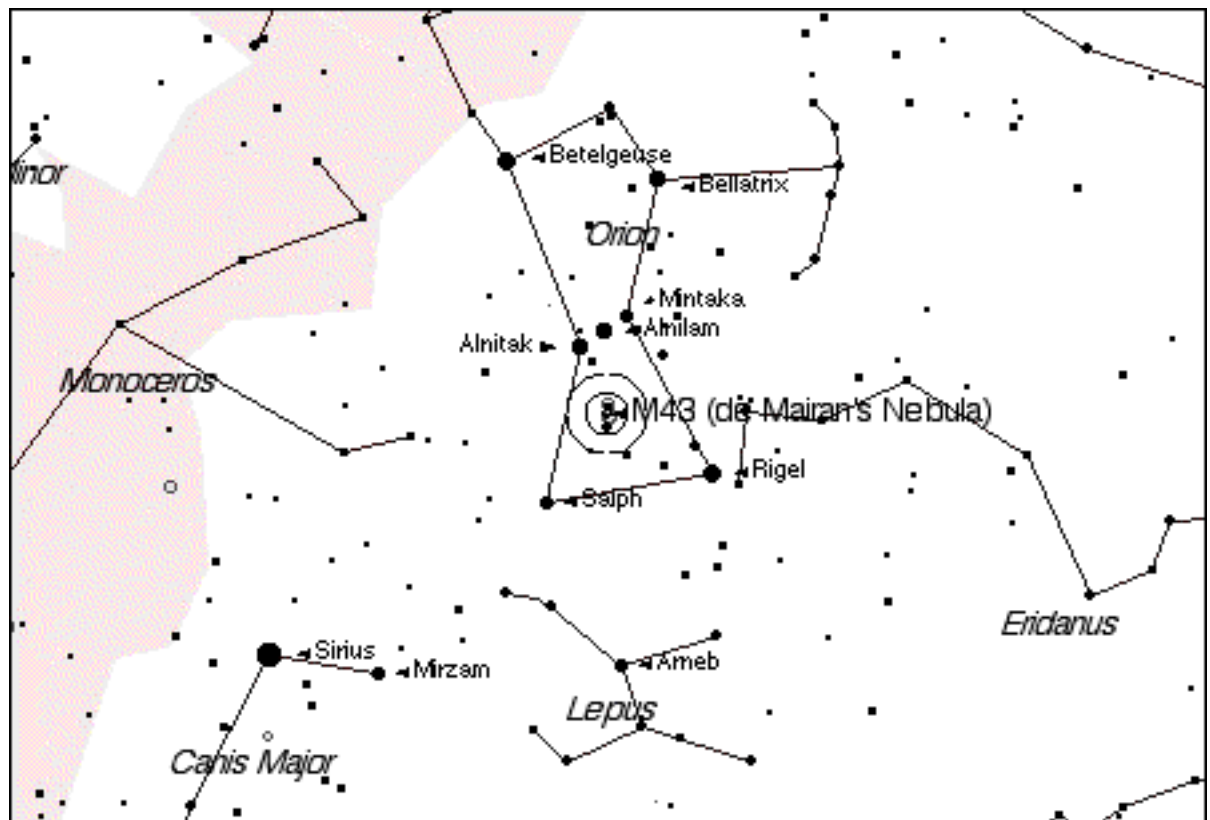
Sky Conditions Transparency

Seeing

Session Notes

Observing Notes

Star charts created by Starry Night Pro(TM) courtesy of Space.com Software



The Ultimate Messier Object Log

Messier # M044

NGC 2632

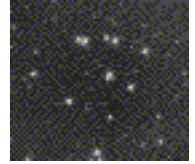
Seen?

Date seen

Type Open Cluster
Name (if any) Beehive Cluster (Praesepe)
Constellation Cancer
Marathon Order # 27

Magnitude

4.0



RA 8h 40.1m

Dec 19 59

Size 95.0

Sky Atlas 2000 page 6

Other Chart Page(s)

(Enter page # from your favorite chart here.)

Binocular Difficulty E

E=easy, T=tough, C=challenging / 7x50.

E2=easy, T2=tough, C2=challenging / 11x80.

Personal Viewing Notes

Viewing Time Comments

Observing Site

Equipment

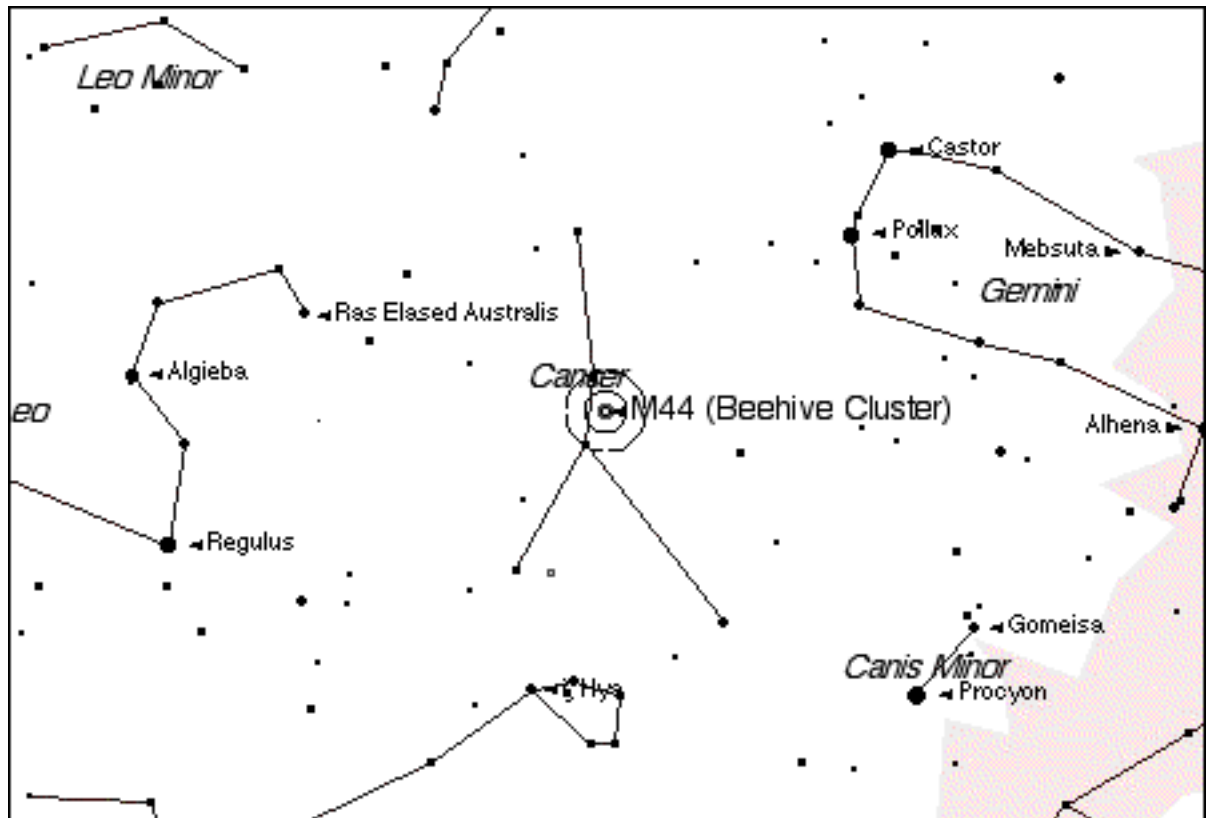
Sky Conditions Transparency

Seeing

Session Notes

Observing Notes

Star charts created by Starry Night Pro(TM) courtesy of Space.com Software



The Ultimate Messier Object Log

Messier # M045

NGC 1432

Seen?

Date seen

Type Open Cluster

Magnitude

Name (if any) Pleiades, Subaru, Seven

1.4

Constellation Taurus



Marathon Order # 11

RA 3h 47.0m

Dec 24 07

Size 110.0

Sky Atlas 2000 page 4

Other Chart Page(s)

(Enter page # from your favorite chart here.)

Binocular Difficulty E

E=easy, T=tough, C=challenging / 7x50.

E2=easy, T2=tough, C2=challenging / 11x80.

Personal Viewing Notes

Viewing Time Comments

Observing Site

Equipment

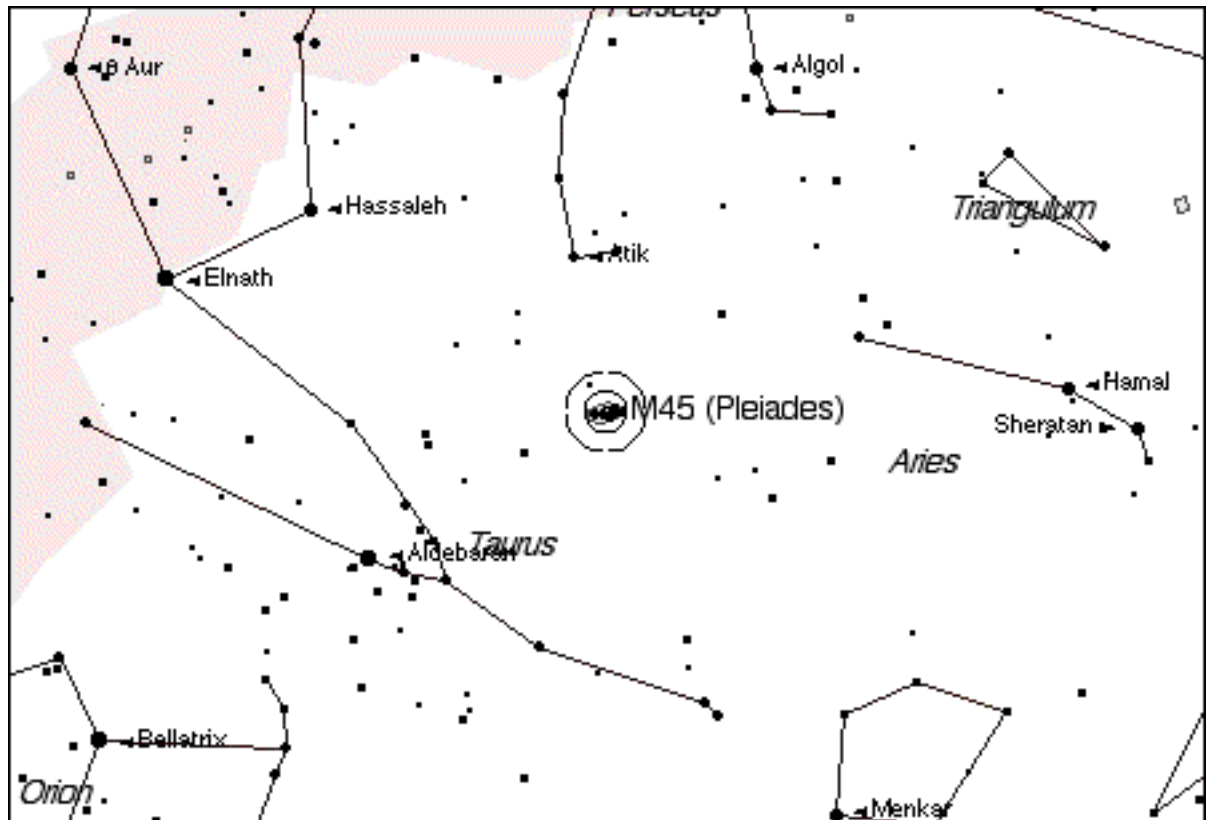
Sky Conditions Transparency

Seeing

Session Notes

Observing Notes

Star charts created by Starry Night Pro(TM) courtesy of Space.com Software



The Ultimate Messier Object Log

Messier # M046

NGC 2437

Seen?

Date seen

Type Open Cluster
Name (if any) N/A
Constellation Puppis
Marathon Order # 24

Magnitude

6.5



RA 7h 41.8m

Dec -14 49

Size 27.0

Sky Atlas 2000 page 12

Other Chart Page(s)

(Enter page # from your favorite chart here.)

Binocular Difficulty E

E=easy, T=tough, C=challenging / 7x50.

E2=easy, T2=tough, C2=challenging / 11x80.

Personal Viewing Notes

Viewing Time Comments

Observing Site

Equipment

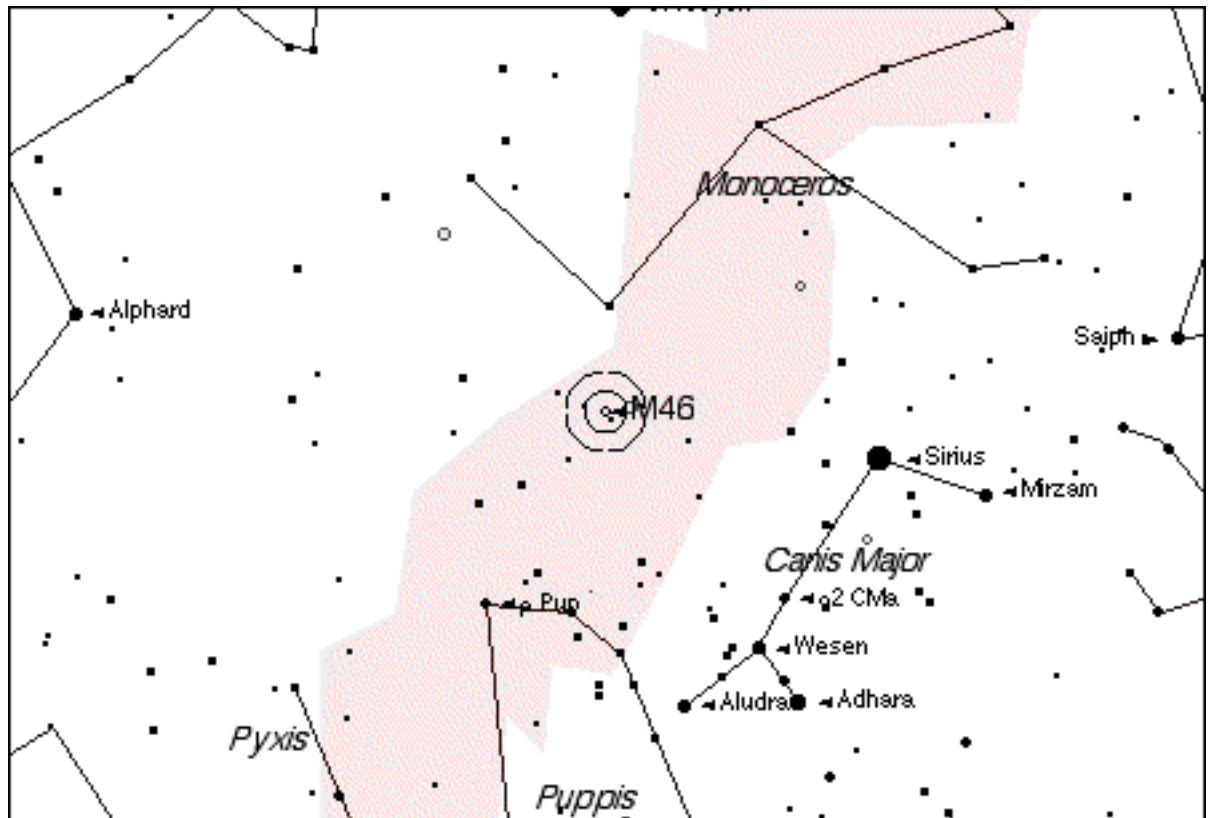
Sky Conditions Transparency

Seeing

Session Notes

Observing Notes

Star charts created by Starry Night Pro(TM) courtesy of Space.com Software



The Ultimate Messier Object Log

Messier # M047

NGC 2422

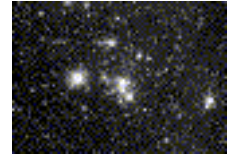
Seen?

Date seen

Type Open Cluster
Name (if any) N/A
Constellation Puppis
Marathon Order # 23

Magnitude

4.5



RA 7h 36.6m

Dec -14 30

Size 30.0

Sky Atlas 2000 page 12

Other Chart Page(s)

(Enter page # from your favorite chart here.)

Binocular Difficulty E

E=easy, T=tough, C=challenging / 7x50.

E2=easy, T2=tough, C2=challenging / 11x80.

Personal Viewing Notes

Viewing Time Comments

Observing Site

Equipment

Sky Conditions Transparency

Seeing

Session Notes

Observing Notes

Star charts created by Starry Night Pro(TM) courtesy of Space.com Software



The Ultimate Messier Object Log

Messier # M048

NGC 2548

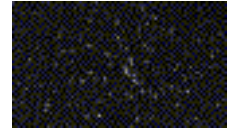
Seen?

Date seen

Type Open Cluster
Name (if any) N/A
Constellation Hydra
Marathon Order # 26

Magnitude

5.5



RA 8h 13.8m

Dec -5 48

Size 54.0

Sky Atlas 2000 page 12

Other Chart Page(s)

(Enter page # from your favorite chart here.)

Binocular Difficulty E

E=easy, T=tough, C=challenging / 7x50.

E2=easy, T2=tough, C2=challenging / 11x80.

Personal Viewing Notes

Viewing Time Comments

Observing Site

Equipment

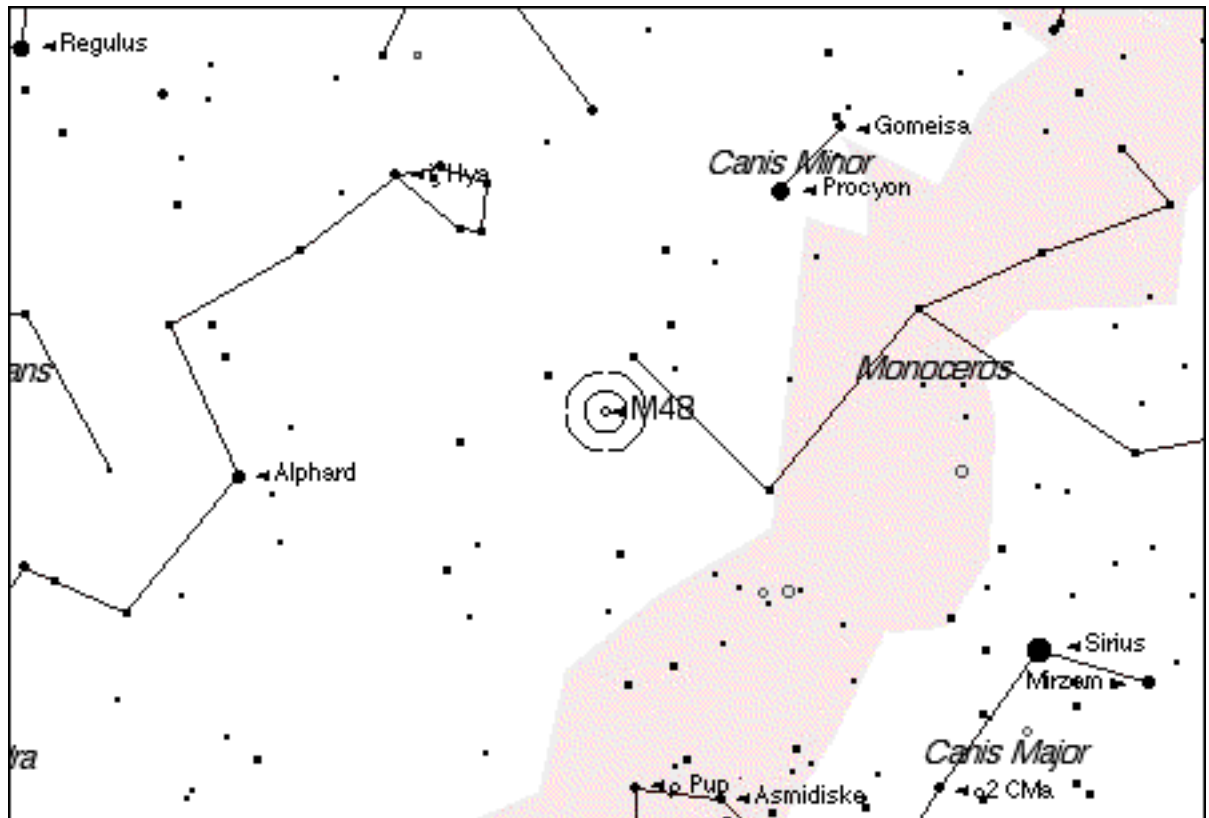
Sky Conditions Transparency

Seeing

Session Notes

Observing Notes

Star charts created by Starry Night Pro(TM) courtesy of Space.com Software



The Ultimate Messier Object Log

Messier # M049

NGC 4472

Seen?

Date seen

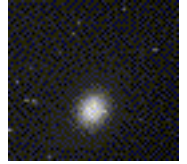
Type Elliptical Galaxy

Magnitude

Name (if any) N/A

10.0

Constellation Virgo



Marathon Order # 63

RA 12h 29.8m Dec 8 1

Size 9.0x7.5

Sky Atlas 2000 page 13

Other Chart Page(s)

(Enter page # from your favorite chart here.)

Binocular Difficulty T

E=easy, T=tough, C=challenging / 7x50.

E2=easy, T2=tough, C2=challenging / 11x80.

Personal Viewing Notes

Viewing Time Comments

Observing Site

Equipment

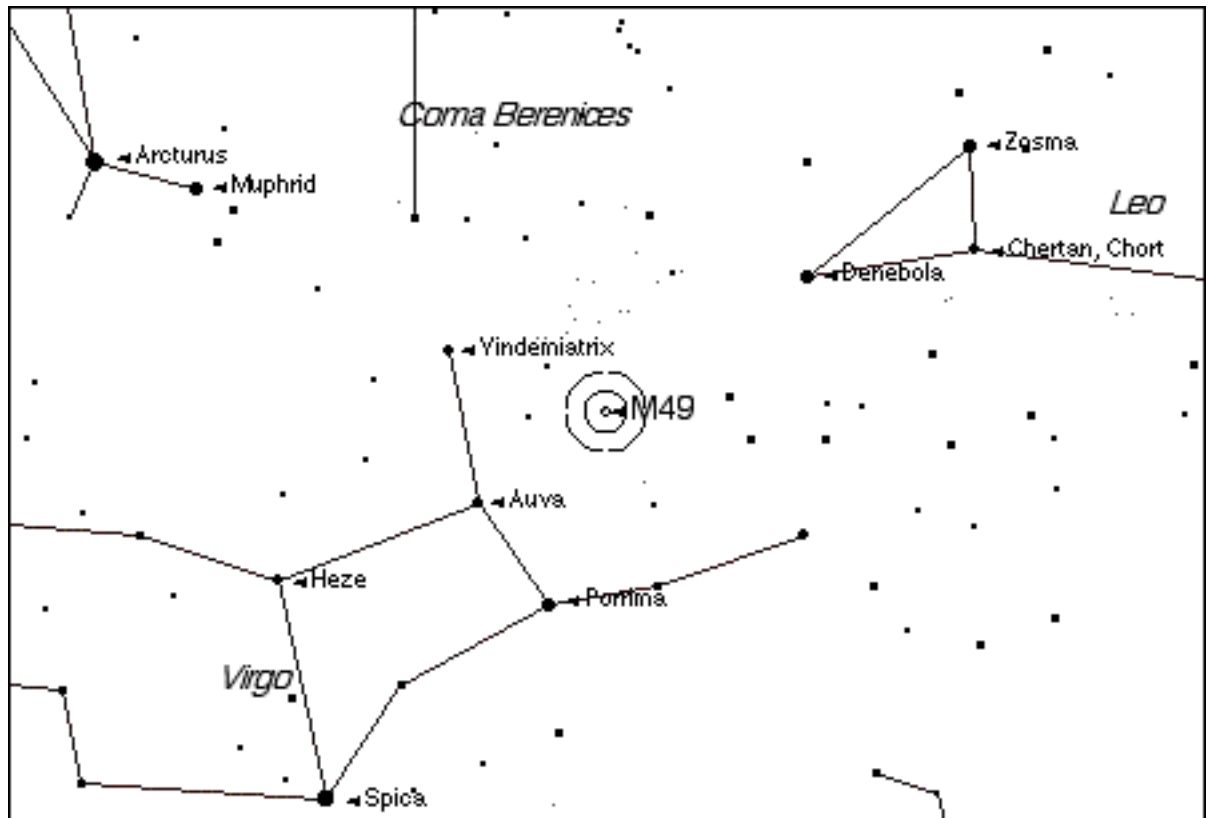
Sky Conditions Transparency

Seeing

Session Notes

Observing Notes

Star charts created by Starry Night Pro(TM) courtesy of Space.com Software



The Ultimate Messier Object Log

Messier # M050

NGC 2323

Seen?

Date seen

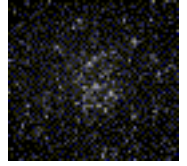
Type Open Cluster

Magnitude

Name (if any) N/A

7.0

Constellation Monoceros



Marathon Order # 25

RA 7h 3.2m

Dec -8 20

Size 16.0

Sky Atlas 2000 page 12

Other Chart Page(s)

(Enter page # from your favorite chart here.)

Binocular Difficulty E

E=easy, T=tough, C=challenging / 7x50.

E2=easy, T2=tough, C2=challenging / 11x80.

Personal Viewing Notes

Viewing Time Comments

Observing Site

Equipment

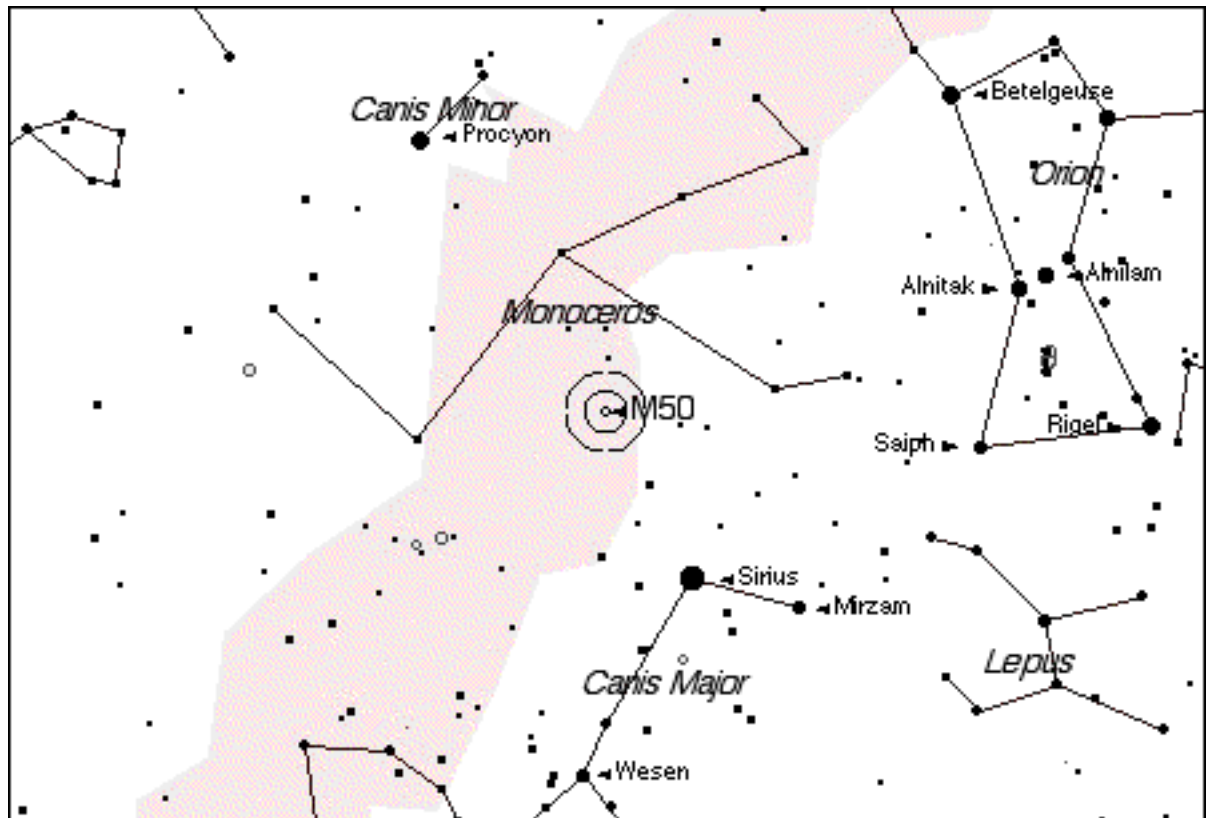
Sky Conditions Transparency

Seeing

Session Notes

Observing Notes

Star charts created by Starry Night Pro(TM) courtesy of Space.com Software



The Ultimate Messier Object Log

Messier # M051

NGC 5194

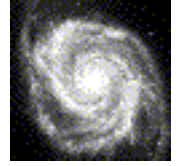
Seen?

Date seen

Type Spiral Galaxy
Name (if any) Whirlpool Galaxy
Constellation Ursa Major
Marathon Order # 43

Magnitude

8.0



RA 13h 30.0m **Dec** 47 11

Size 11.0x7.0

Sky Atlas 2000 page 7

Other Chart Page(s)

(Enter page # from your favorite chart here.)

Binocular Difficulty C

E=easy, T=tough, C=challenging / 7x50.

E2=easy, T2=tough, C2=challenging / 11x80.

Personal Viewing Notes

Viewing Time Comments

Observing Site

Equipment

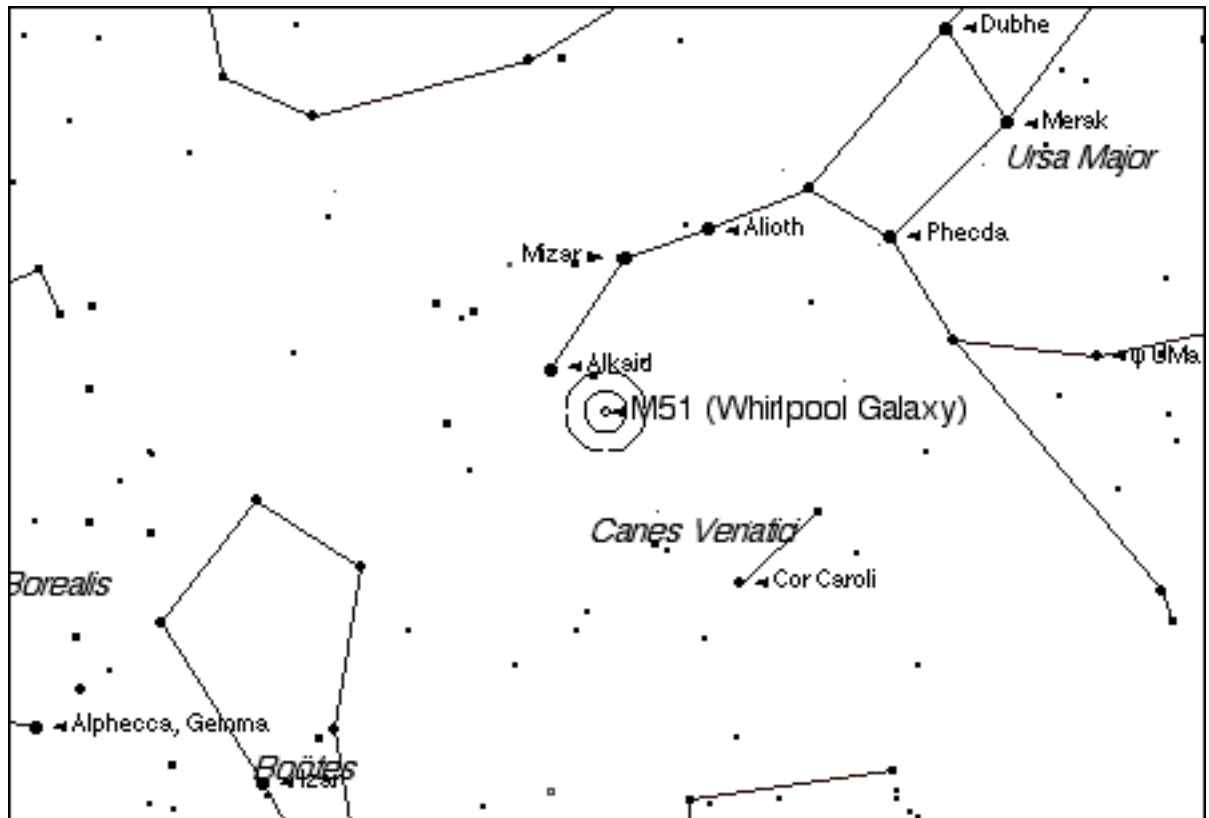
Sky Conditions Transparency

Seeing

Session Notes

Observing Notes

Star charts created by Starry Night Pro(TM) courtesy of Space.com Software



The Ultimate Messier Object Log

Messier # M052

NGC 7654

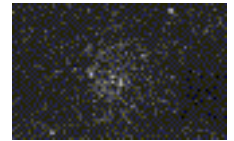
Seen?

Date seen

Type Open Cluster
Name (if any) N/A
Constellation Cassiopea
Marathon Order # 7

Magnitude

8.0



RA 23h 24.2m **Dec** 61 35

Size 13.0

Sky Atlas 2000 page 3

Other Chart Page(s)

(Enter page # from your favorite chart here.)

Binocular Difficulty E

E=easy, T=tough, C=challenging / 7x50.

E2=easy, T2=tough, C2=challenging / 11x80.

Personal Viewing Notes

Viewing Time Comments

Observing Site

Equipment

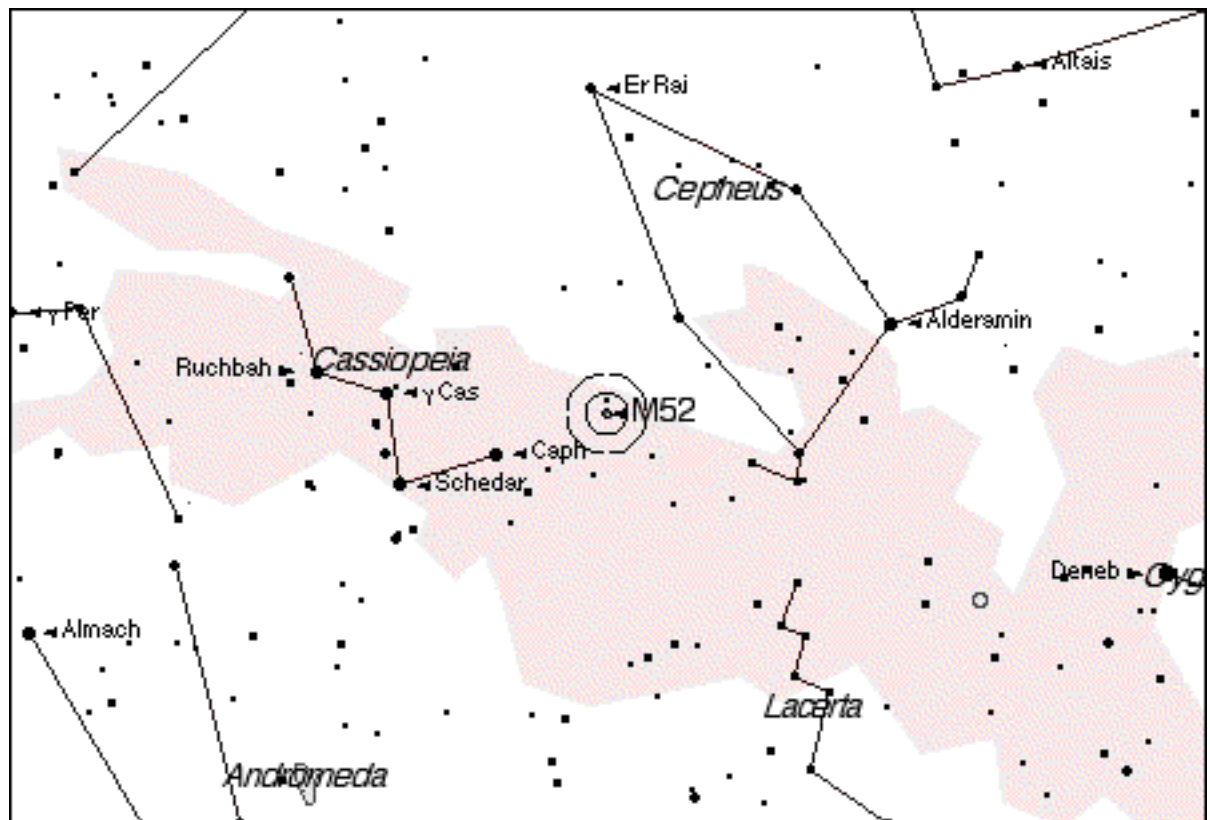
Sky Conditions Transparency

Seeing

Session Notes

Observing Notes

Star charts created by Starry Night Pro(TM) courtesy of Space.com Software



The Ultimate Messier Object Log

Messier # M053

NGC 5024

Seen?

Date seen

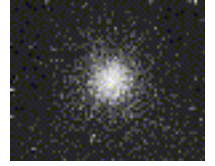
Type Globular Cluster

Magnitude

Name (if any) N/A

8.5

Constellation Coma Berenices



Marathon Order # 46

RA 13h 12.9m Dec 18 10

Size 12.6

Sky Atlas 2000 page 7

Other Chart Page(s)

(Enter page # from your favorite chart here.)

Binocular Difficulty T

E=easy, T=tough, C=challenging / 7x50.

E2=easy, T2=tough, C2=challenging / 11x80.

Personal Viewing Notes

Viewing Time Comments

Observing Site

Equipment

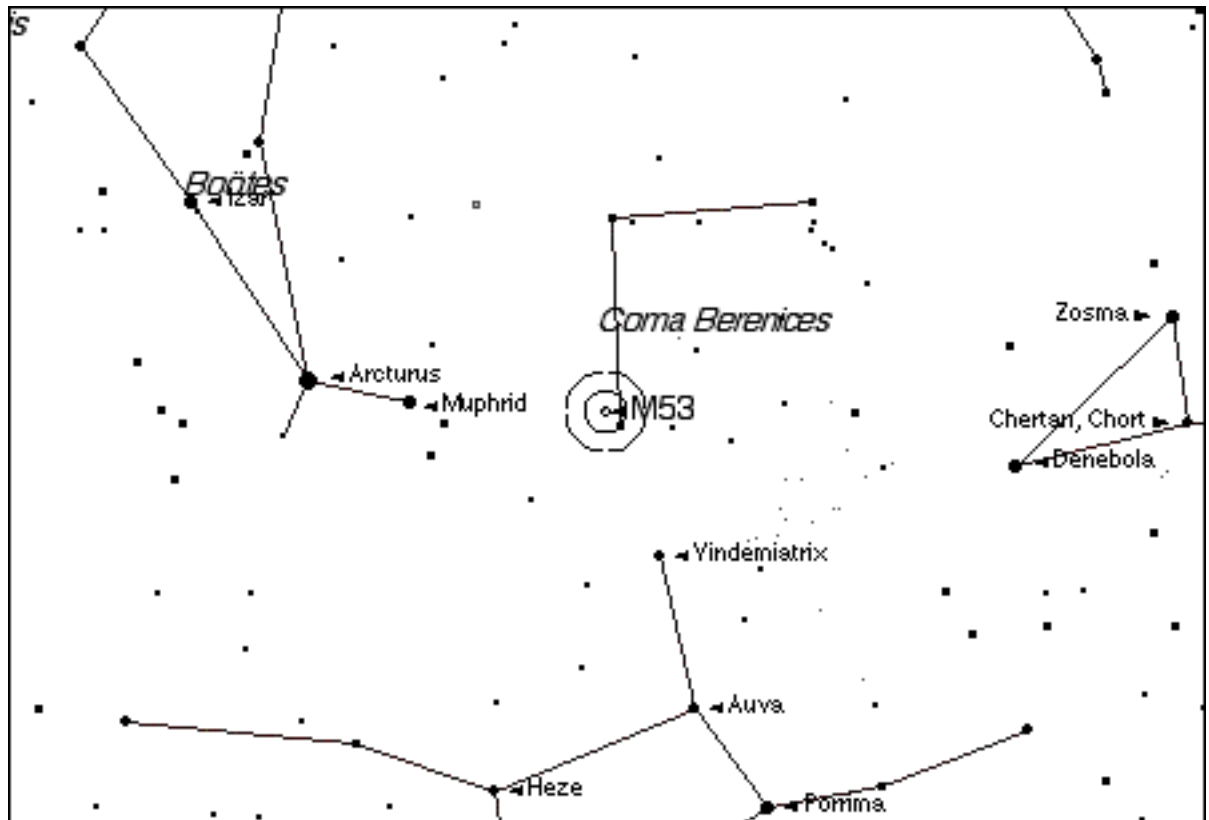
Sky Conditions Transparency

Seeing

Session Notes

Observing Notes

Star charts created by Starry Night Pro(TM) courtesy of Space.com Software



The Ultimate Messier Object Log

Messier # M054

NGC 6715

Seen?

Date seen

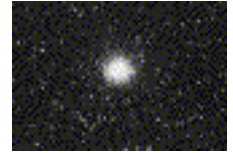
Type Globular Cluster

Magnitude

Name (if any) N/A

8.5

Constellation Sagittarius



Marathon Order # 103

RA 18h 55.1m Dec -30 29 Size 9.1

Sky Atlas 2000 page 22 Other Chart Page(s) (Enter page # from your favorite chart here.)

Binocular Difficulty C

E=easy, T=tough, C=challenging / 7x50.

E2=easy, T2=tough, C2=challenging / 11x80.

Personal Viewing Notes

Viewing Time Comments

Observing Site

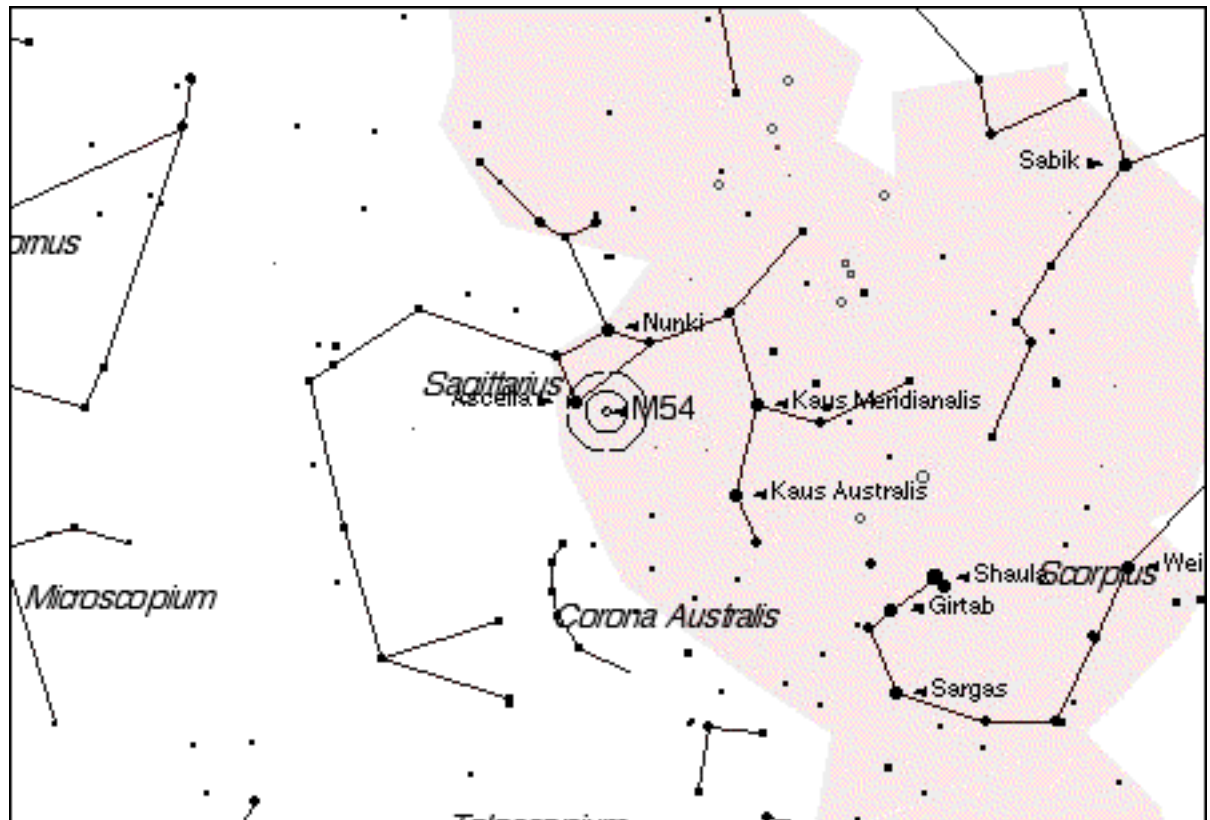
Equipment

Sky Conditions Transparency Seeing

Session Notes

Observing Notes

Star charts created by Starry Night Pro(TM) courtesy of Space.com Software



The Ultimate Messier Object Log

Messier # M055

NGC 6809

Seen?

Date seen

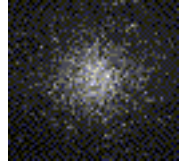
Type Globular Cluster

Magnitude

Name (if any) N/A

7.0

Constellation Sagittarius



Marathon Order # 104

RA 19h 40.0m Dec -30 58

Size 19.0

Sky Atlas 2000 page 22

Other Chart Page(s)

(Enter page # from your favorite chart here.)

Binocular Difficulty E

E=easy, T=tough, C=challenging / 7x50.

E2=easy, T2=tough, C2=challenging / 11x80.

Personal Viewing Notes

Viewing Time Comments

Observing Site

Equipment

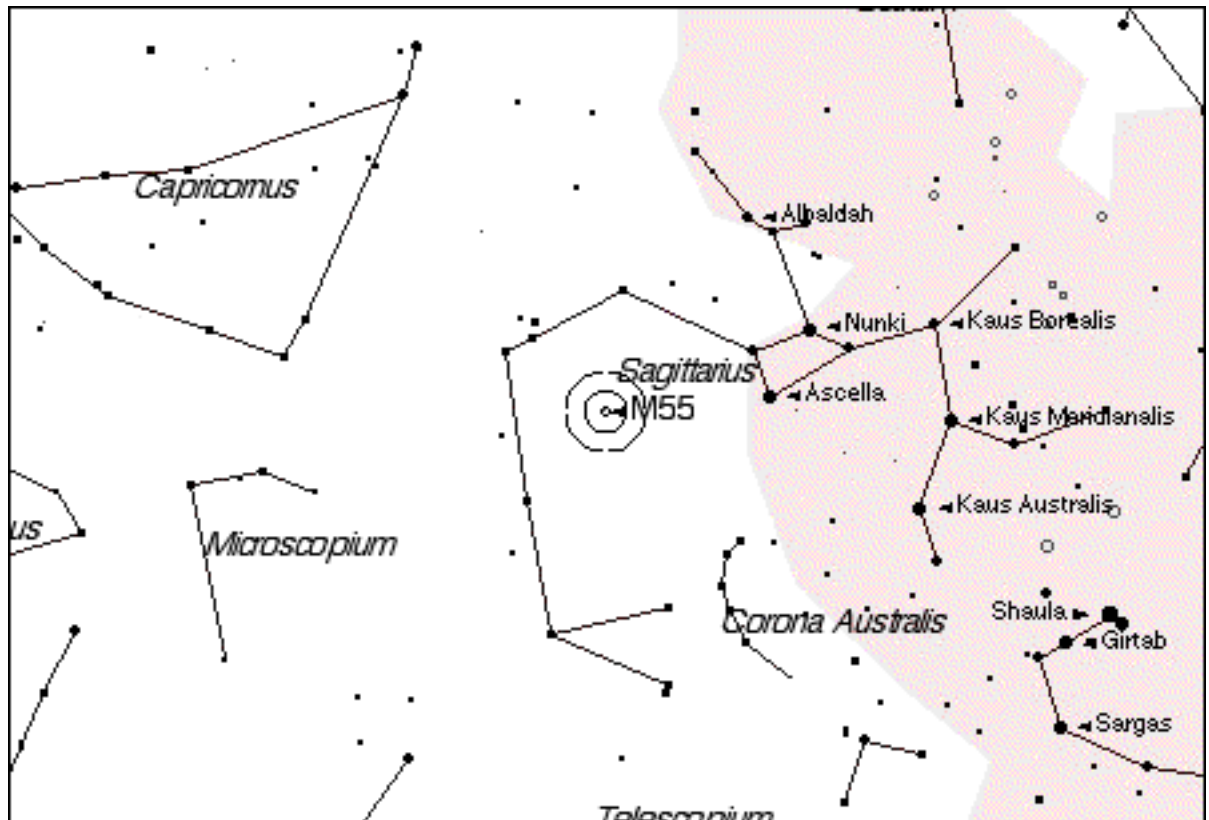
Sky Conditions Transparency

Seeing

Session Notes

Observing Notes

Star charts created by Starry Night Pro(TM) courtesy of Space.com Software



The Ultimate Messier Object Log

Messier # M056

NGC 6779

Seen?

Date seen

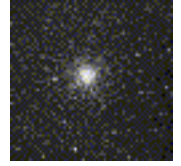
Type Globular Cluster

Magnitude

Name (if any) N/A

9.5

Constellation Lyra



Marathon Order # 72

RA 19h 16.6m

Dec 30 11

Size 7.1

Sky Atlas 2000 page 8

Other Chart Page(s)

(Enter page # from your favorite chart here.)

Binocular Difficulty C

E=easy, T=tough, C=challenging / 7x50.

E2=easy, T2=tough, C2=challenging / 11x80.

Personal Viewing Notes

Viewing Time Comments

Observing Site

Equipment

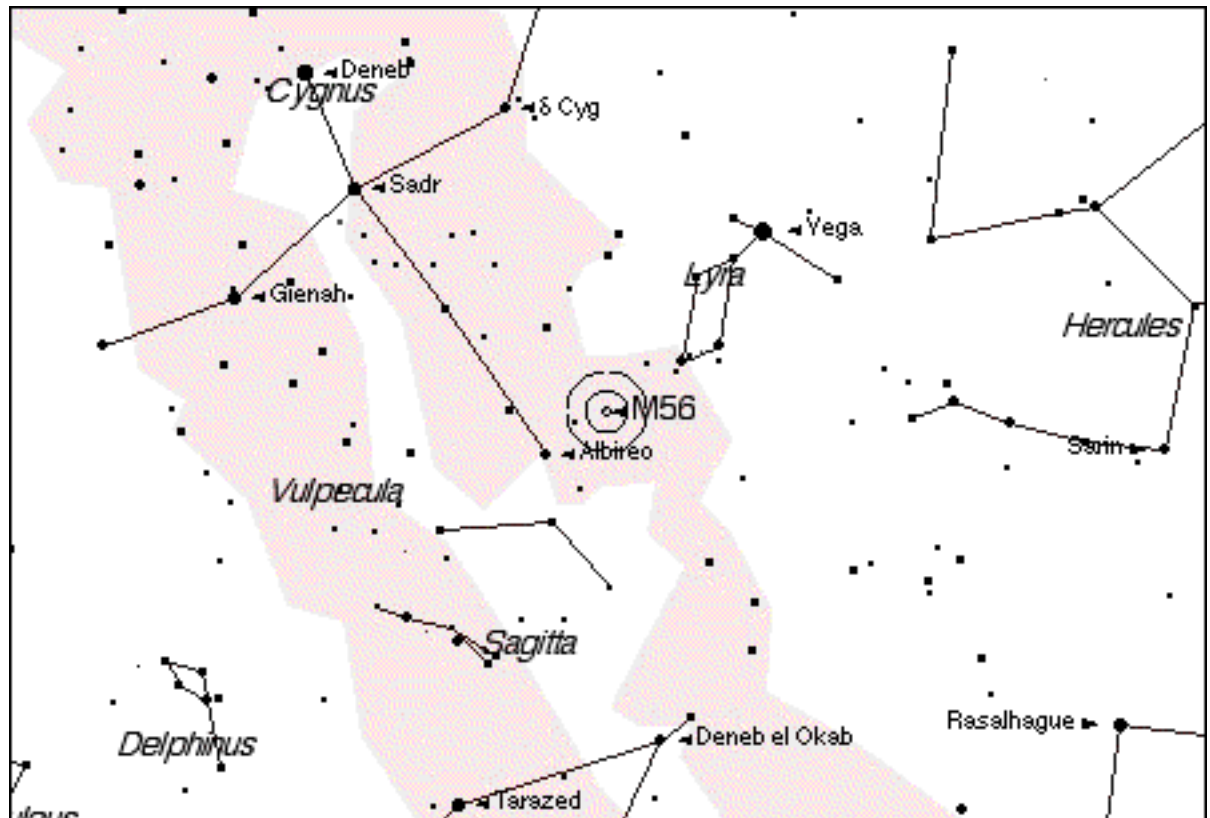
Sky Conditions Transparency

Seeing

Session Notes

Observing Notes

Star charts created by Starry Night Pro(TM) courtesy of Space.com Software



The Ultimate Messier Object Log

Messier # M057

NGC 6720

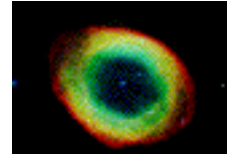
Seen?

Date seen

Type Planetary Nebula
Name (if any) Ring Nebula
Constellation Lyra
Marathon Order # 71

Magnitude

9.5



RA 18h 53.6m **Dec** 33 2

Size 1.4x1.0

Sky Atlas 2000 page 8

Other Chart Page(s)

(Enter page # from your favorite chart here.)

Binocular Difficulty ?

E=easy, T=tough, C=challenging / 7x50.

E2=easy, T2=tough, C2=challenging / 11x80.

Personal Viewing Notes

Viewing Time Comments

Observing Site

Equipment

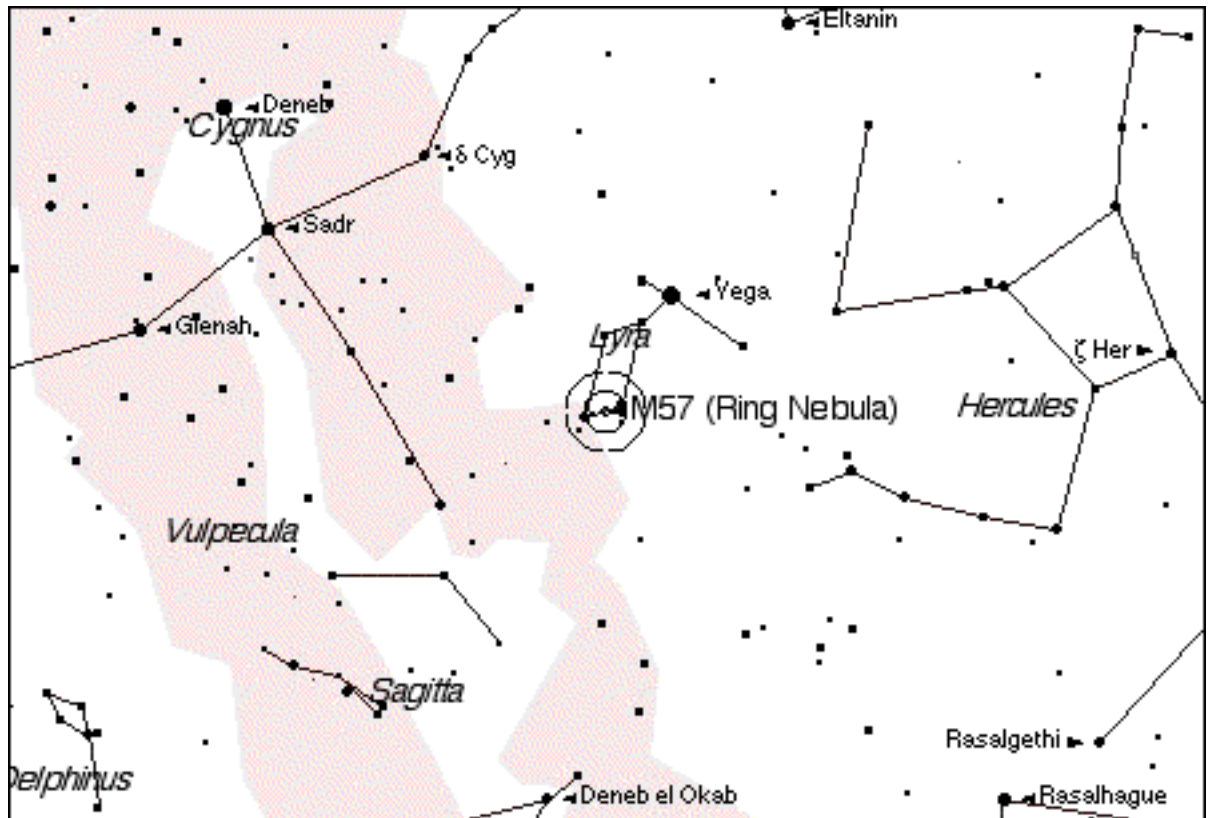
Sky Conditions Transparency

Seeing

Session Notes

Observing Notes

Star charts created by Starry Night Pro(TM) courtesy of Space.com Software



The Ultimate Messier Object Log

Messier # M058

NGC 4579

Seen?

Date seen

Type Spiral Galaxy

Magnitude

Name (if any) N/A

11.0

Constellation Virgo



Marathon Order # 60

RA 12h 37.8m Dec 11 50

Size 5.5x4.5

Sky Atlas 2000 page 13

Other Chart Page(s)

(Enter page # from your favorite chart here.)

Binocular Difficulty T2

E=easy, T=tough, C=challenging / 7x50.

E2=easy, T2=tough, C2=challenging / 11x80.

Personal Viewing Notes

Viewing Time Comments

Observing Site

Equipment

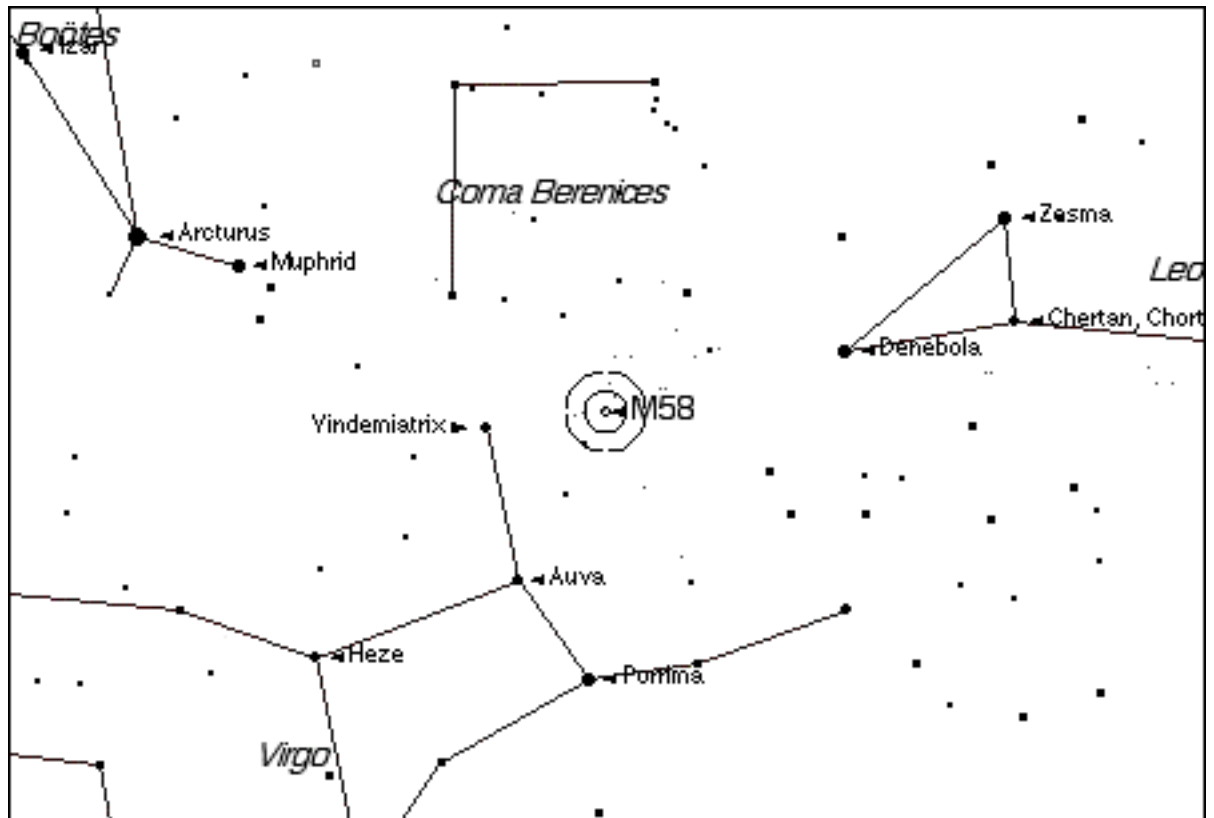
Sky Conditions Transparency

Seeing

Session Notes

Observing Notes

Star charts created by Starry Night Pro(TM) courtesy of Space.com Software



The Ultimate Messier Object Log

Messier # M059

NGC 4621

Seen?

Date seen

Type Elliptical Galaxy

Magnitude

Name (if any) N/A

11.5

Constellation Virgo



Marathon Order # 61

RA 12h 42.1m Dec 11 39

Size 5.0x3.5

Sky Atlas 2000 page 13

Other Chart Page(s)

(Enter page # from your favorite chart here.)

Binocular Difficulty T2

E=easy, T=tough, C=challenging / 7x50.

E2=easy, T2=tough, C2=challenging / 11x80.

Personal Viewing Notes

Viewing Time Comments

Observing Site

Equipment

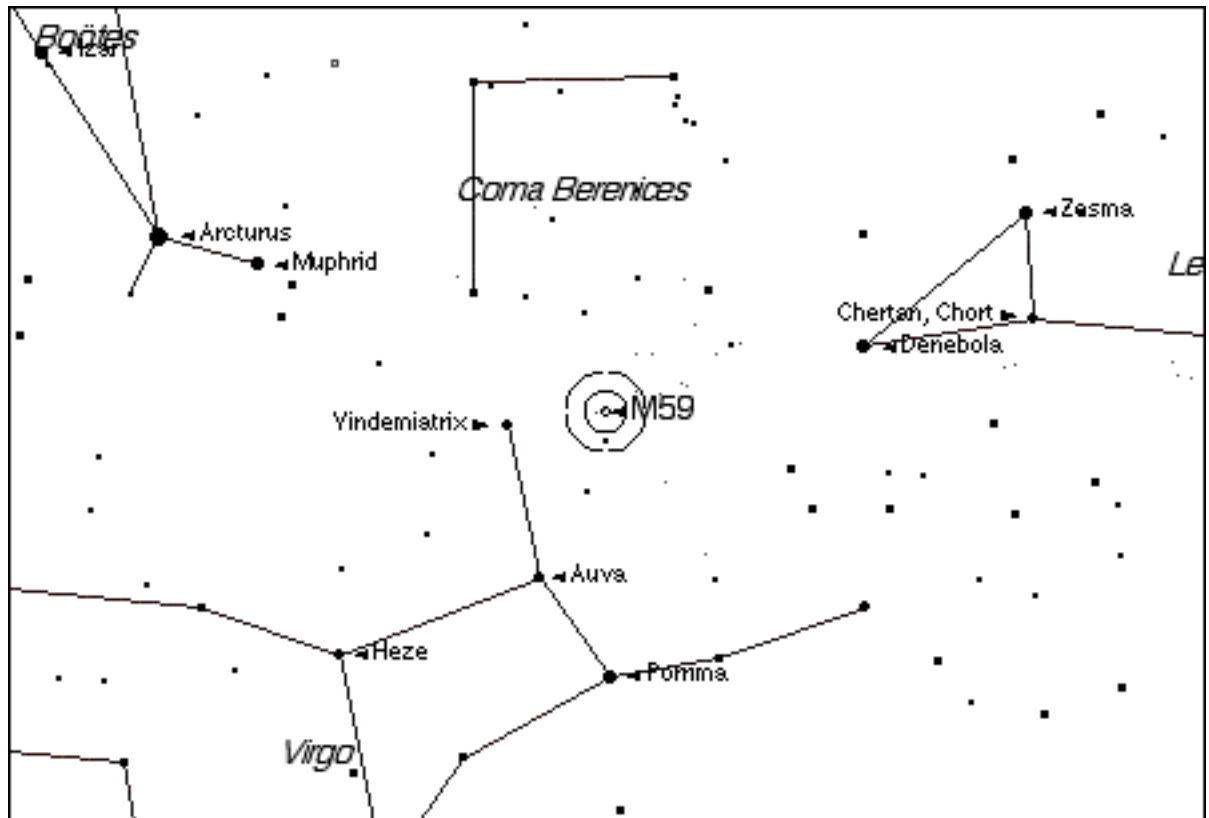
Sky Conditions Transparency

Seeing

Session Notes

Observing Notes

Star charts created by Starry Night Pro(TM) courtesy of Space.com Software



The Ultimate Messier Object Log

Messier # M060

NGC 4649

Seen?

Date seen

Type Elliptical Galaxy

Magnitude

Name (if any) N/A

10.5

Constellation Virgo



Marathon Order # 62

RA 12h 43.7m Dec 11 34

Size 7.0x6.0

Sky Atlas 2000 page 13

Other Chart Page(s)

(Enter page # from your favorite chart here.)

Binocular Difficulty E2

E=easy, T=tough, C=challenging / 7x50.

E2=easy, T2=tough, C2=challenging / 11x80.

Personal Viewing Notes

Viewing Time Comments

Observing Site

Equipment

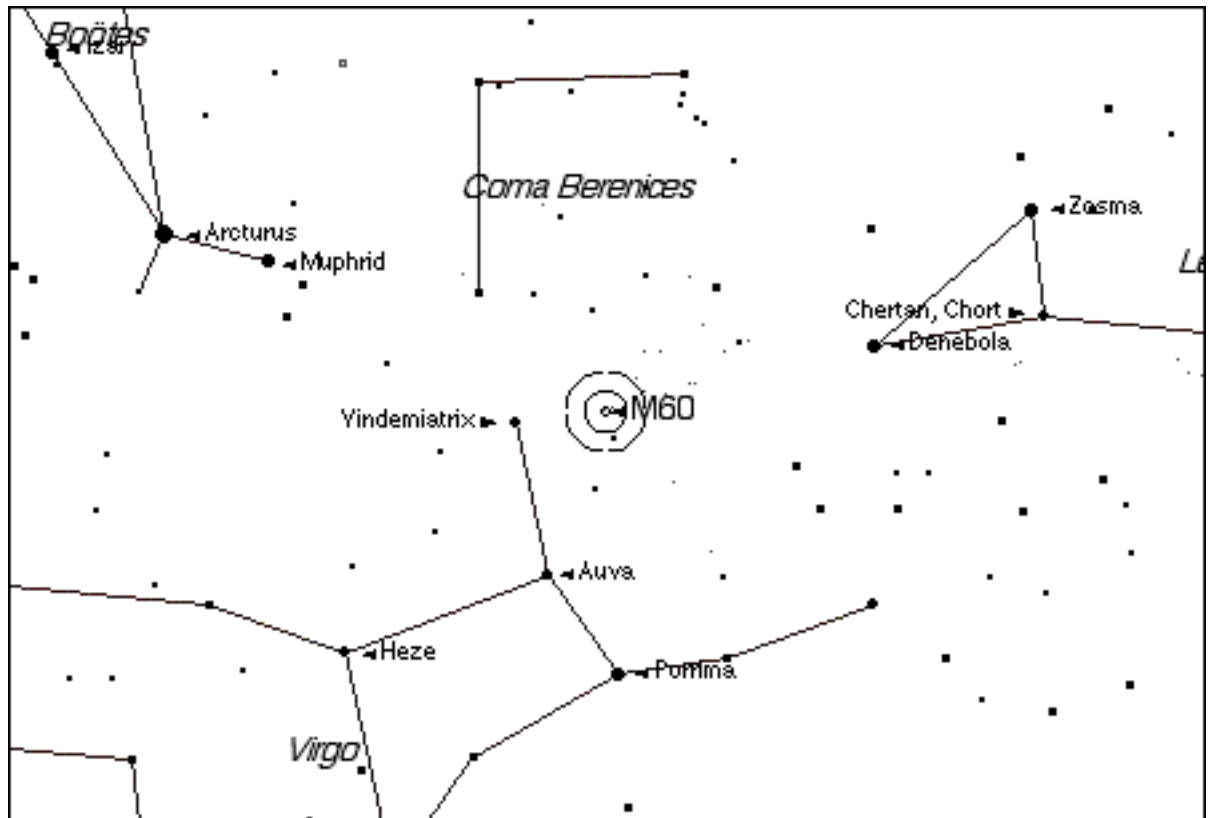
Sky Conditions Transparency

Seeing

Session Notes

Observing Notes

Star charts created by Starry Night Pro(TM) courtesy of Space.com Software



The Ultimate Messier Object Log

Messier # M061

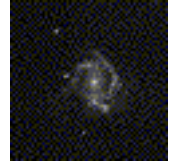
NGC 4303

Seen?

Date seen

Type Spiral Galaxy
Name (if any) N/A
Constellation Virgo
Marathon Order # 64

Magnitude
10.5



RA 12h 22.0m **Dec** 4 29 **Size** 6.0x5.5

Sky Atlas 2000 page 13 **Other Chart Page(s)** (Enter page # from your favorite chart here.)

Binocular Difficulty E2

E=easy, T=tough, C=challenging / 7x50.
E2=easy, T2=tough, C2=challenging / 11x80.

Personal Viewing Notes

Viewing Time Comments

Observing Site

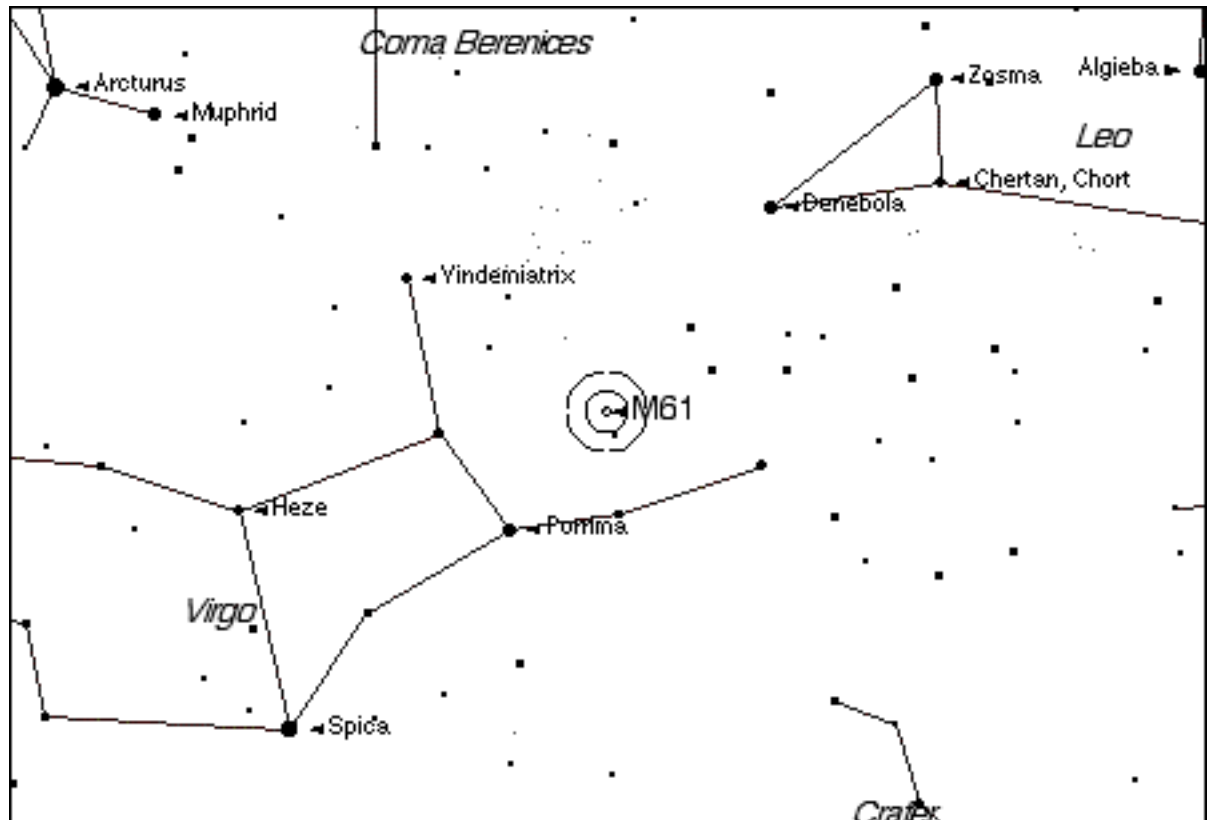
Equipment

Sky Conditions Transparency **Seeing**

Session Notes

Observing Notes

Star charts created by Starry Night Pro(TM) courtesy of Space.com Software



The Ultimate Messier Object Log

Messier # M062

NGC 6266

Seen?

Date seen

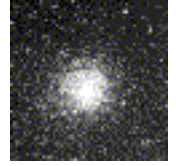
Type Globular Cluster

Magnitude

Name (if any) N/A

8.0

Constellation Ophiucus



Marathon Order # 85

RA 17h 1.2m

Dec -30 7

Size 14.1

Sky Atlas 2000 page 22

Other Chart Page(s)

(Enter page # from your favorite chart here.)

Binocular Difficulty T

E=easy, T=tough, C=challenging / 7x50.

E2=easy, T2=tough, C2=challenging / 11x80.

Personal Viewing Notes

Viewing Time Comments

Observing Site

Equipment

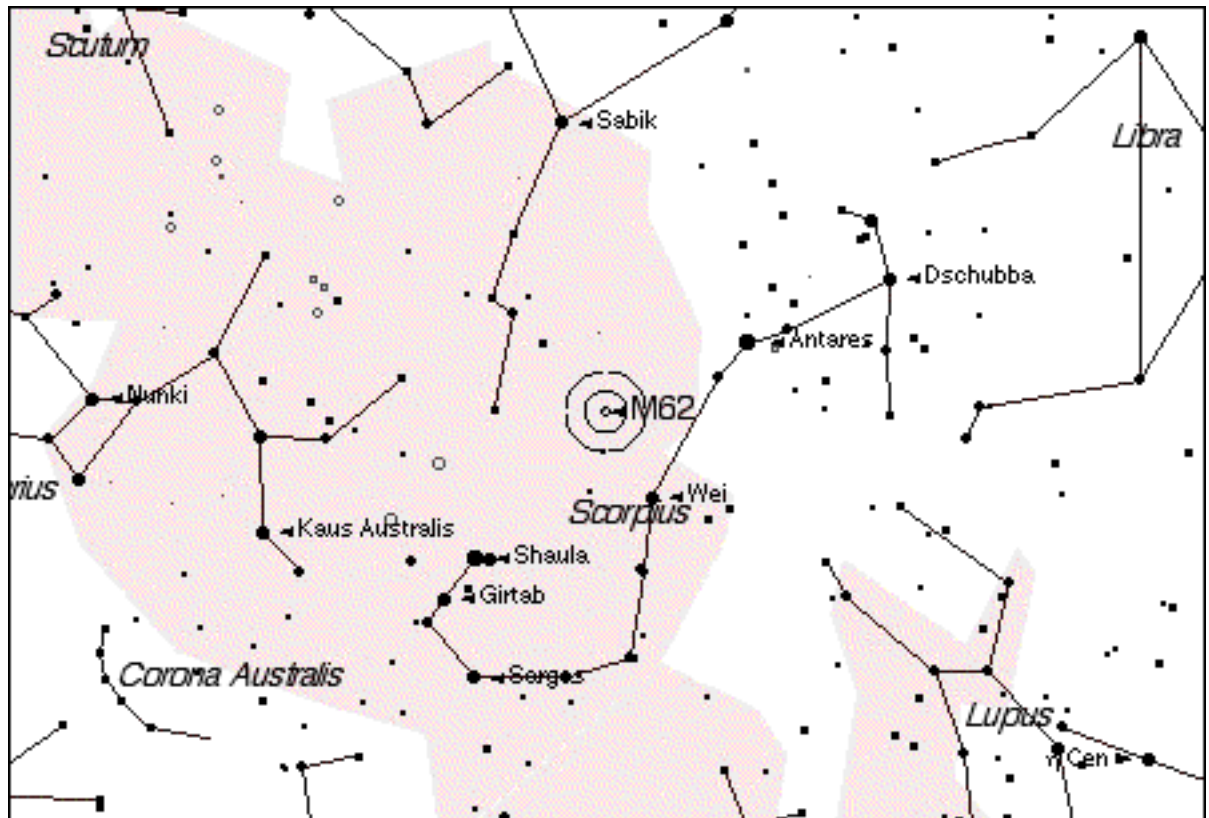
Sky Conditions Transparency

Seeing

Session Notes

Observing Notes

Star charts created by Starry Night Pro(TM) courtesy of Space.com Software



The Ultimate Messier Object Log

Messier # M063

NGC 5055

Seen?

Date seen

Type Spiral Galaxy

Magnitude

Name (if any) Sunflower Galaxy

8.5

Constellation Canes Venatici

Marathon Order # 42



RA 13h 15.8m Dec 42 2

Size 10.0x6.0

Sky Atlas 2000 page 7

Other Chart Page(s)

(Enter page # from your favorite chart here.)

Binocular Difficulty T

E=easy, T=tough, C=challenging / 7x50.

E2=easy, T2=tough, C2=challenging / 11x80.

Personal Viewing Notes

Viewing Time Comments

Observing Site

Equipment

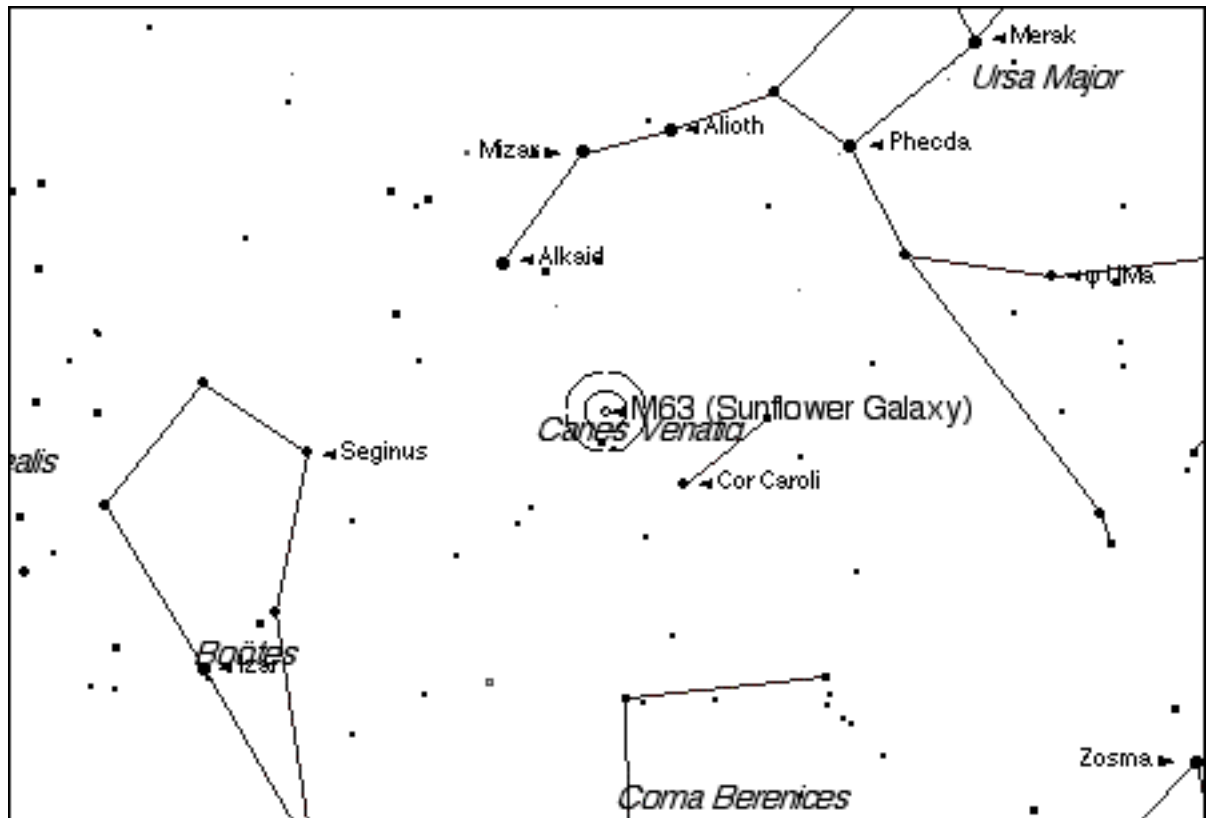
Sky Conditions Transparency

Seeing

Session Notes

Observing Notes

Star charts created by Starry Night Pro(TM) courtesy of Space.com Software



The Ultimate Messier Object Log

Messier # M064

NGC 4826

Seen?

Date seen

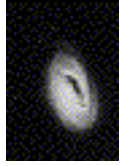
Type Spiral Galaxy

Magnitude

Name (if any) Blackeye Galaxy

9.0

Constellation Coma Berenices



Marathon Order # 47

RA 12h 56.7m Dec 21 41

Size 9.3x5.4

Sky Atlas 2000 page 7

Other Chart Page(s)

(Enter page # from your favorite chart here.)

Binocular Difficulty T

E=easy, T=tough, C=challenging / 7x50.

E2=easy, T2=tough, C2=challenging / 11x80.

Personal Viewing Notes

Viewing Time Comments

Observing Site

Equipment

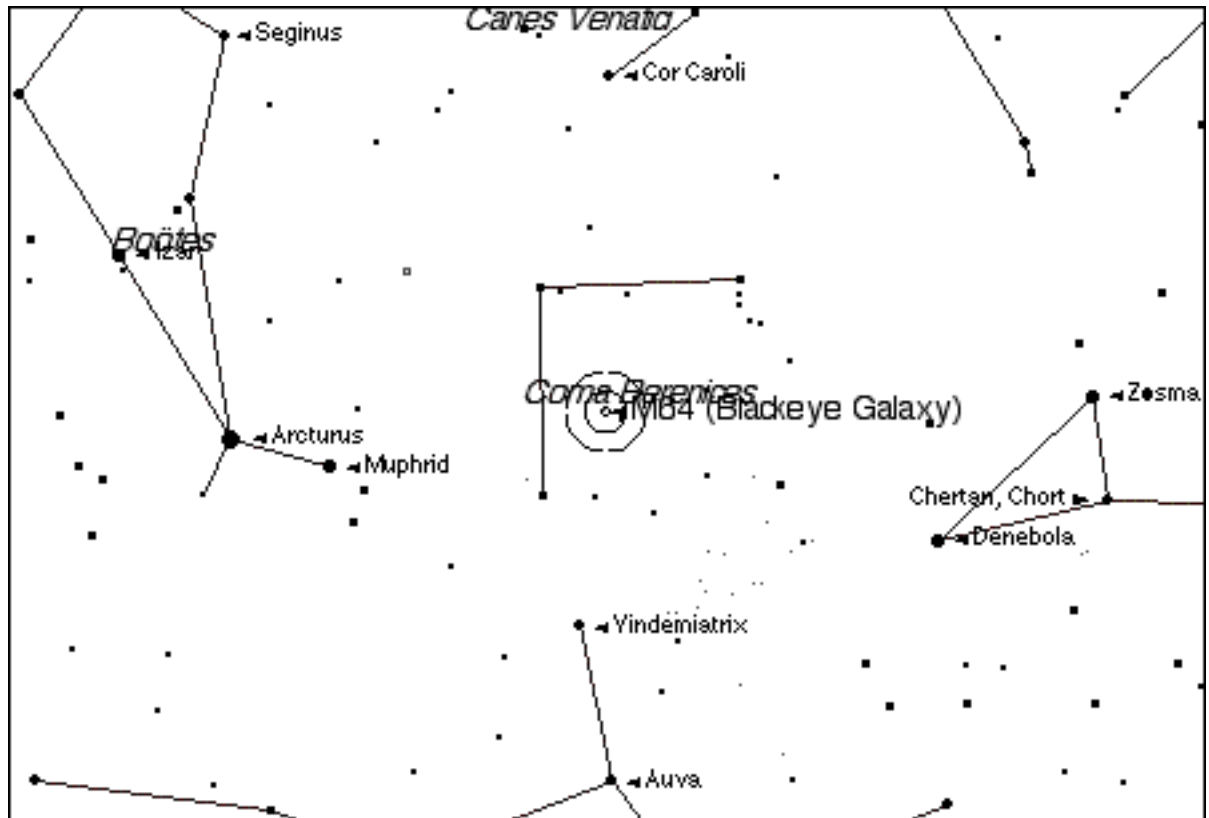
Sky Conditions Transparency

Seeing

Session Notes

Observing Notes

Star charts created by Starry Night Pro(TM) courtesy of Space.com Software



The Ultimate Messier Object Log

Messier # M065

NGC 3623

Seen?

Date seen

Type Spiral Galaxy

Magnitude

Name (if any) N/A

10.5

Constellation Leo



Marathon Order # 32

RA 11h 18.9m Dec 13 6

Size 8.0x1.5

Sky Atlas 2000 page 13

Other Chart Page(s)

(Enter page # from your favorite chart here.)

Binocular Difficulty C

E=easy, T=tough, C=challenging / 7x50.

E2=easy, T2=tough, C2=challenging / 11x80.

Personal Viewing Notes

Viewing Time Comments

Observing Site

Equipment

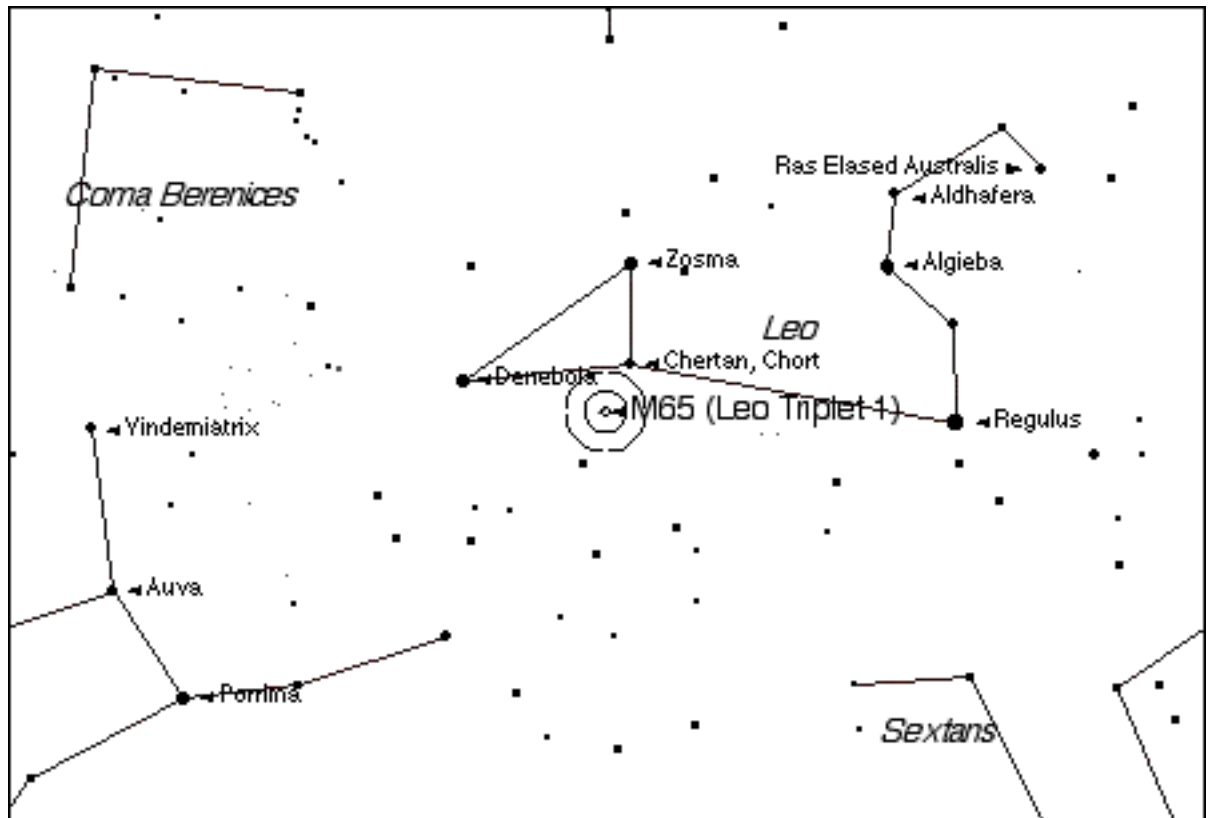
Sky Conditions Transparency

Seeing

Session Notes

Observing Notes

Star charts created by Starry Night Pro(TM) courtesy of Space.com Software



The Ultimate Messier Object Log

Messier # M066

NGC 3627

Seen?

Date seen

Type Spiral Galaxy

Magnitude

Name (if any) N/A

10.0

Constellation Leo



Marathon Order # 33

RA 11h 20.2m Dec 13 0

Size 8.0x2.5

Sky Atlas 2000 page 13

Other Chart Page(s)

(Enter page # from your favorite chart here.)

Binocular Difficulty C

E=easy, T=tough, C=challenging / 7x50.

E2=easy, T2=tough, C2=challenging / 11x80.

Personal Viewing Notes

Viewing Time Comments

Observing Site

Equipment

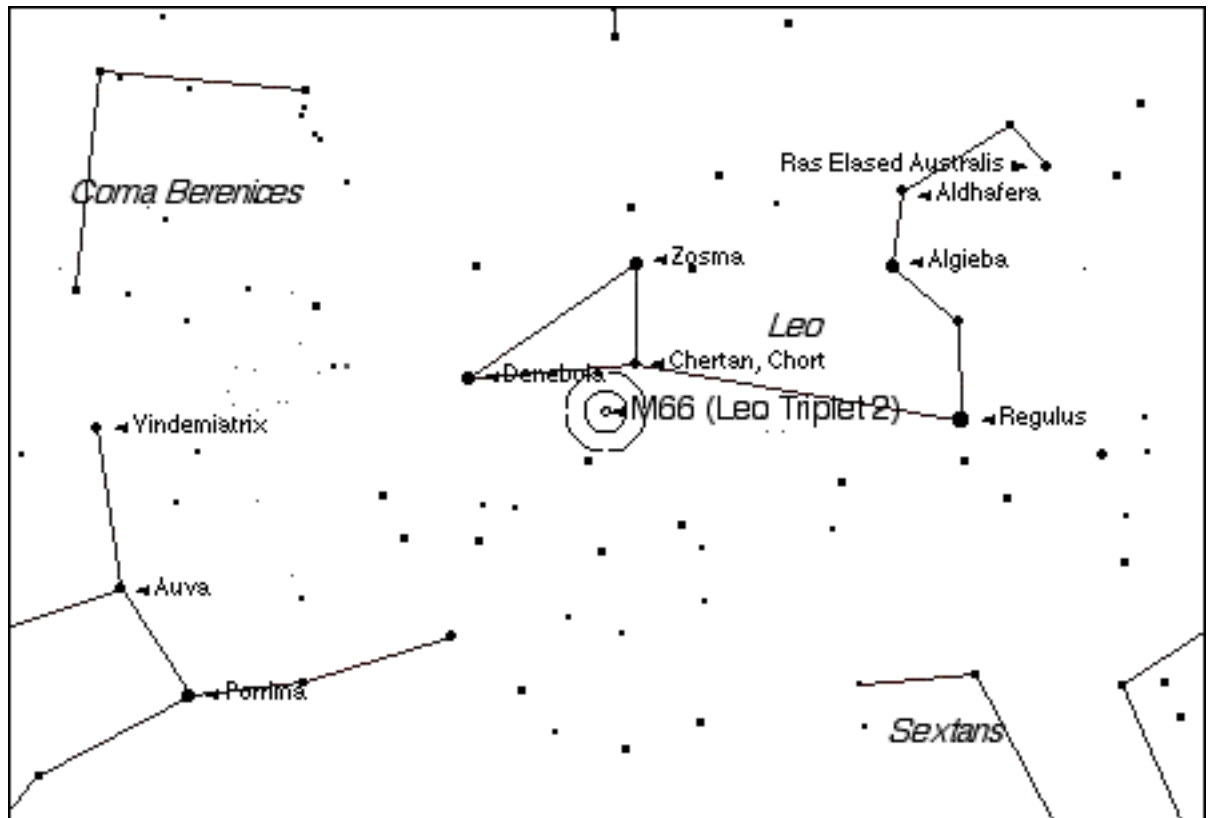
Sky Conditions Transparency

Seeing

Session Notes

Observing Notes

Star charts created by Starry Night Pro(TM) courtesy of Space.com Software



The Ultimate Messier Object Log

Messier # M067

NGC 2628

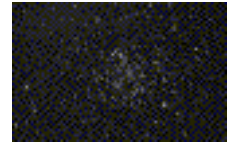
Seen?

Date seen

Type Open Cluster
Name (if any) N/A
Constellation Cancer
Marathon Order # 28

Magnitude

7.5



RA 8h 50.4m

Dec 11 49

Size 30.0

Sky Atlas 2000 page 12

Other Chart Page(s)

(Enter page # from your favorite chart here.)

Binocular Difficulty E

E=easy, T=tough, C=challenging / 7x50.

E2=easy, T2=tough, C2=challenging / 11x80.

Personal Viewing Notes

Viewing Time Comments

Observing Site

Equipment

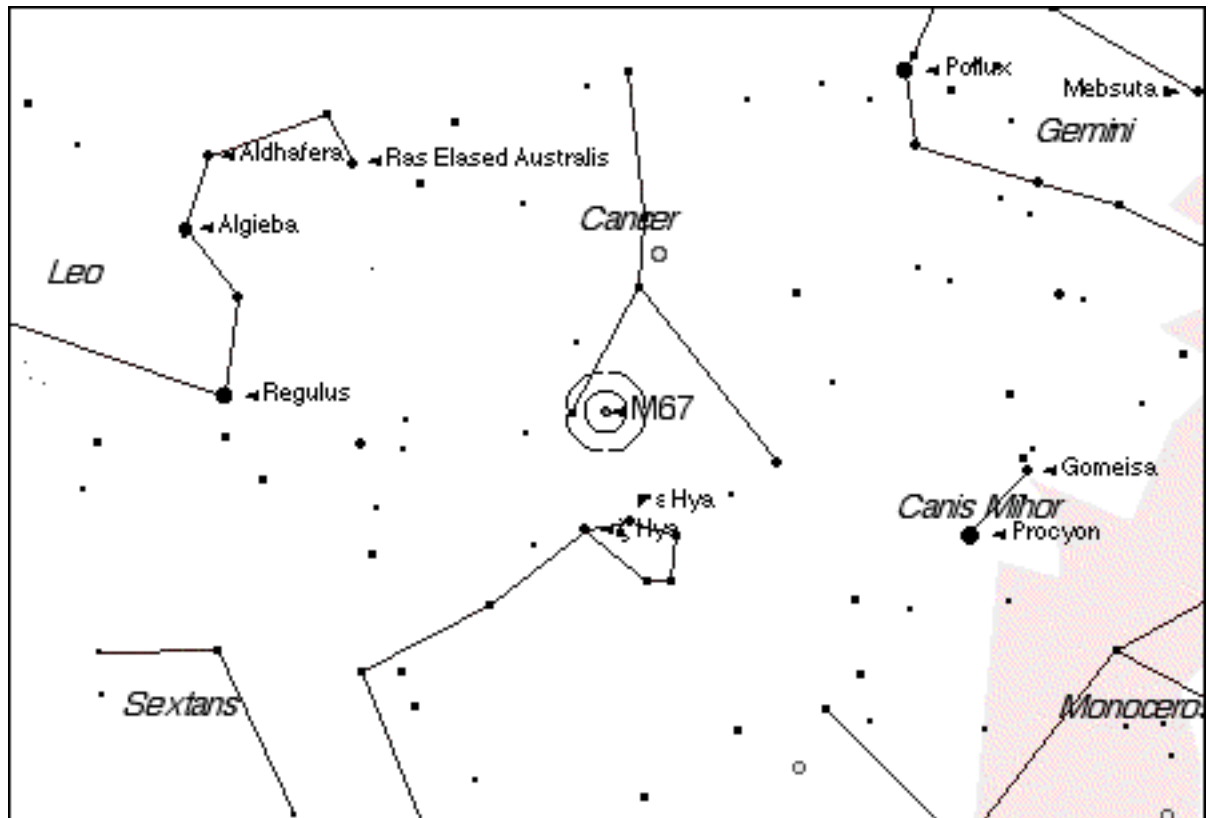
Sky Conditions Transparency

Seeing

Session Notes

Observing Notes

Star charts created by Starry Night Pro(TM) courtesy of Space.com Software



The Ultimate Messier Object Log

Messier # M068

NGC 4590

Seen?

Date seen

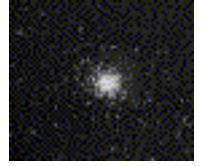
Type Globular Cluster

Magnitude

Name (if any) N/A

9.0

Constellation Hydra



Marathon Order # 66

RA 12h 39.5m Dec -26 45

Size 12.0

Sky Atlas 2000 page 21

Other Chart Page(s)

(Enter page # from your favorite chart here.)

Binocular Difficulty C

E=easy, T=tough, C=challenging / 7x50.

E2=easy, T2=tough, C2=challenging / 11x80.

Personal Viewing Notes

Viewing Time Comments

Observing Site

Equipment

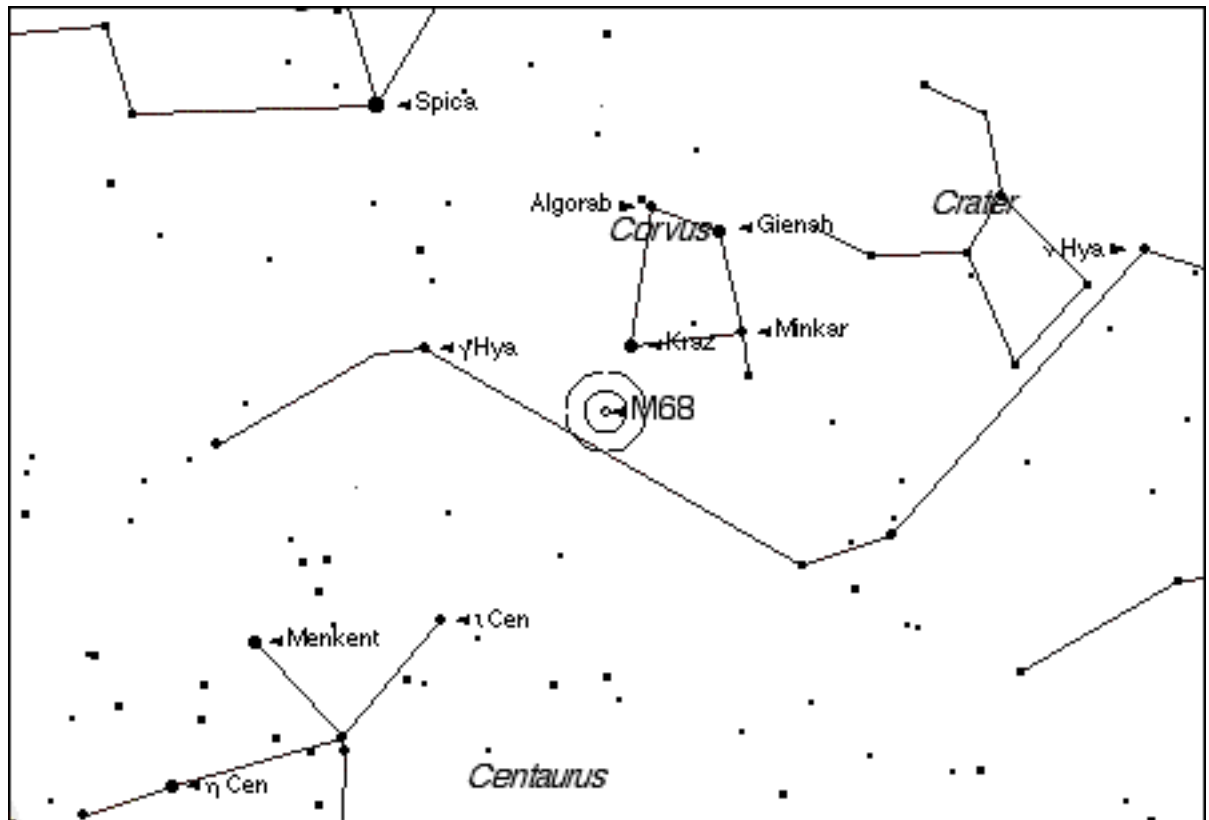
Sky Conditions Transparency

Seeing

Session Notes

Observing Notes

Star charts created by Starry Night Pro(TM) courtesy of Space.com Software



The Ultimate Messier Object Log

Messier # M069

NGC 6637

Seen?

Date seen

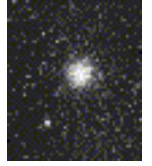
Type Globular Cluster

Magnitude

Name (if any) N/A

9.0

Constellation Sagittarius



Marathon Order # 101

RA 18h 34.4m Dec -32 21

Size 7.1

Sky Atlas 2000 page 22

Other Chart Page(s)

(Enter page # from your favorite chart here.)

Binocular Difficulty T2

E=easy, T=tough, C=challenging / 7x50.

E2=easy, T2=tough, C2=challenging / 11x80.

Personal Viewing Notes

Viewing Time Comments

Observing Site

Equipment

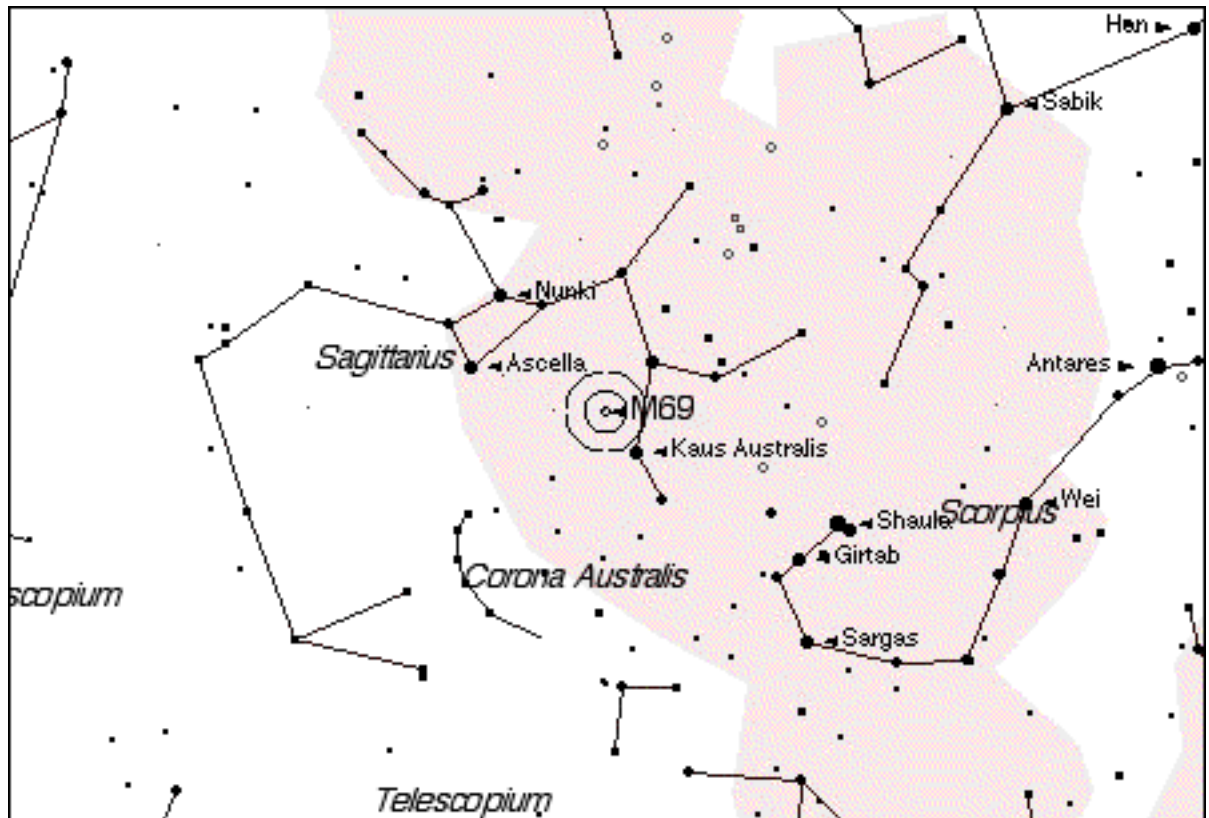
Sky Conditions Transparency

Seeing

Session Notes

Observing Notes

Star charts created by Starry Night Pro(TM) courtesy of Space.com Software



The Ultimate Messier Object Log

Messier # M070

NGC 6681

Seen?

Date seen

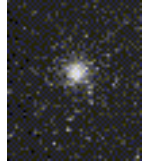
Type Globular Cluster

Magnitude

Name (if any) N/A

9.0

Constellation Sagittarius



Marathon Order # 102

RA 18h 43.2m Dec -32 18 Size 7.8

Sky Atlas 2000 page 22 Other Chart Page(s) (Enter page # from your favorite chart here.)

Binocular Difficulty T2

E=easy, T=tough, C=challenging / 7x50.

E2=easy, T2=tough, C2=challenging / 11x80.

Personal Viewing Notes

Viewing Time Comments

Observing Site

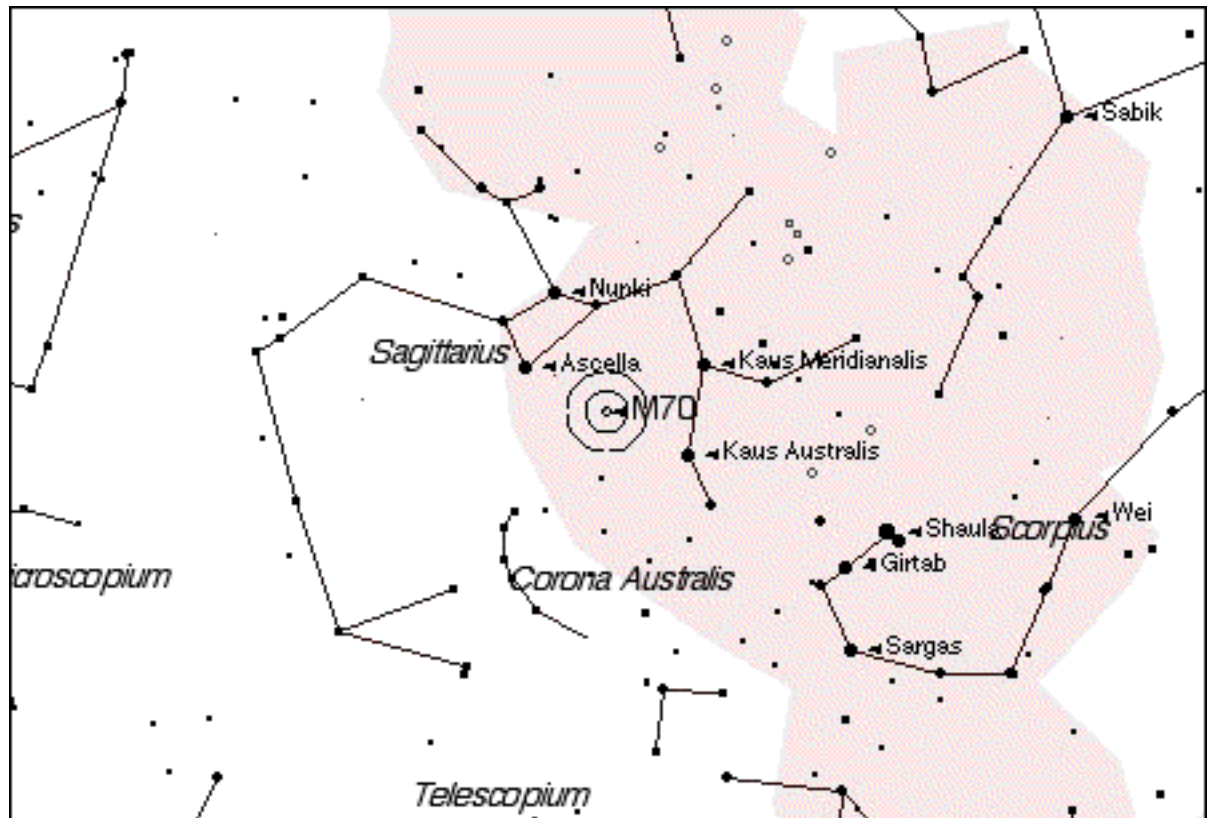
Equipment

Sky Conditions Transparency Seeing

Session Notes

Observing Notes

Star charts created by Starry Night Pro(TM) courtesy of Space.com Software



The Ultimate Messier Object Log

Messier # M071

NGC 6838

Seen?

Date seen

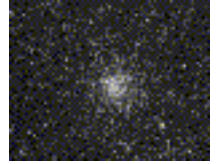
Type Globular Cluster

Magnitude

Name (if any) N/A

8.5

Constellation Sagitta



Marathon Order # 76

RA 19h 53.8m

Dec 18 47

Size 7.2

Sky Atlas 2000 page 8

Other Chart Page(s)

(Enter page # from your favorite chart here.)

Binocular Difficulty C

E=easy, T=tough, C=challenging / 7x50.

E2=easy, T2=tough, C2=challenging / 11x80.

Personal Viewing Notes

Viewing Time Comments

Observing Site

Equipment

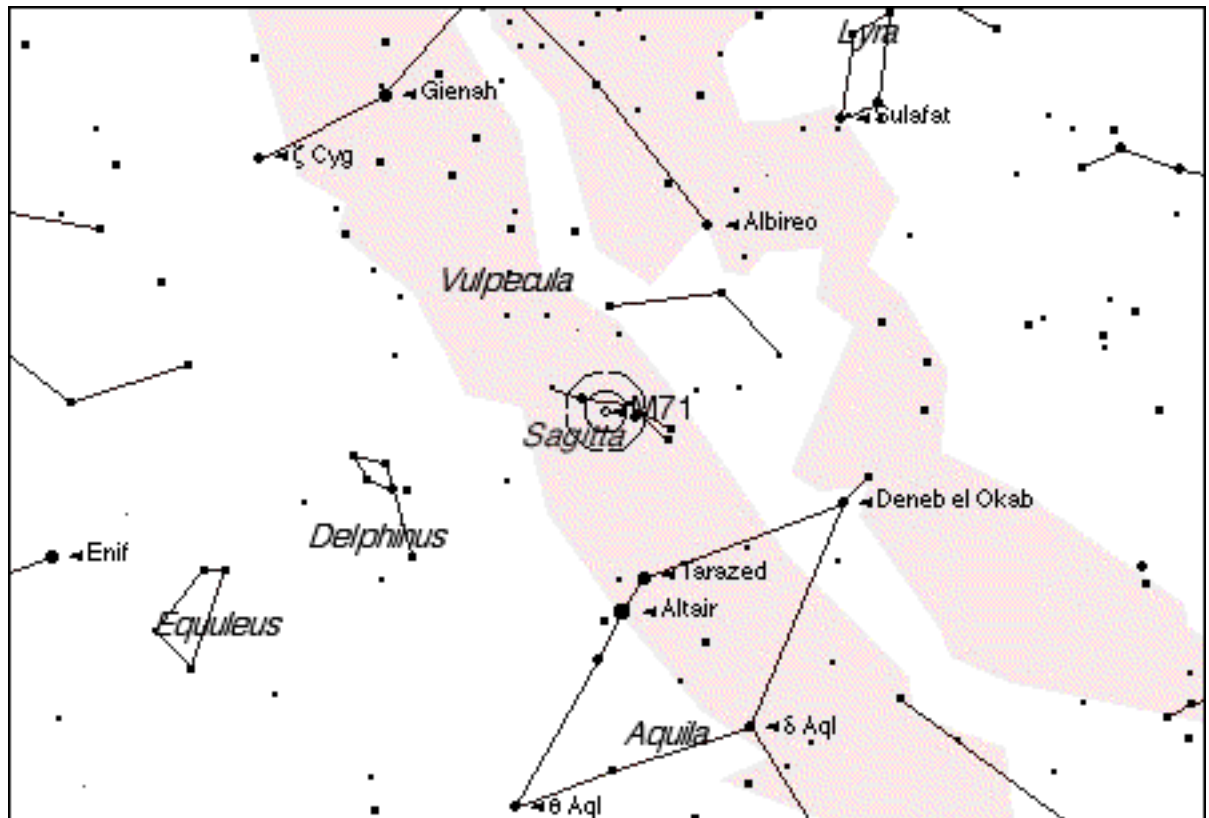
Sky Conditions Transparency

Seeing

Session Notes

Observing Notes

Star charts created by Starry Night Pro(TM) courtesy of Space.com Software



The Ultimate Messier Object Log

Messier # M072

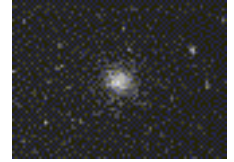
NGC 6981

Seen?

Date seen

Type Globular Cluster
Name (if any) N/A
Constellation Aquarius
Marathon Order # 108

Magnitude
 10.0



RA 20h 53.5m **Dec** -12 32 **Size** 5.9

Sky Atlas 2000 page 16 **Other Chart Page(s)** (Enter page # from your favorite chart here.)

Binocular Difficulty T2

E=easy, T=tough, C=challenging / 7x50.
 E2=easy, T2=tough, C2=challenging / 11x80.

Personal Viewing Notes

Viewing Time Comments

Observing Site

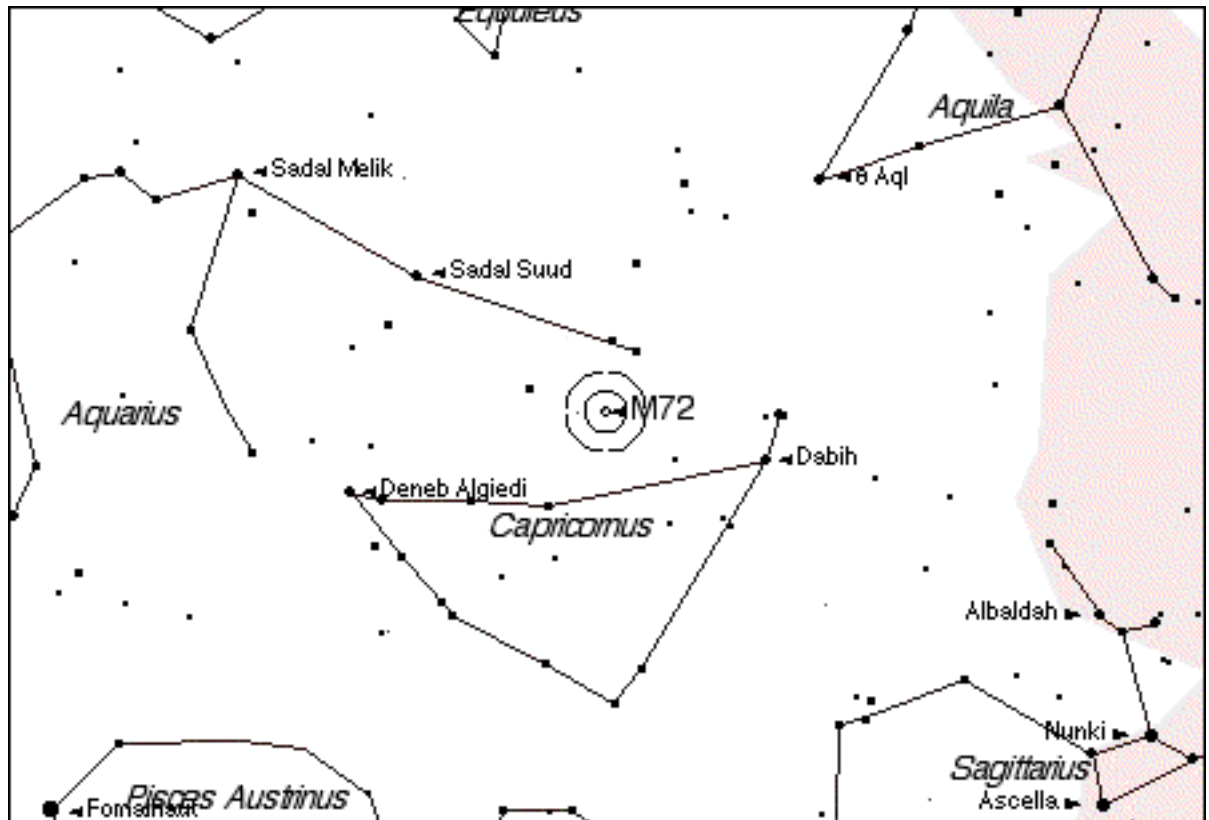
Equipment

Sky Conditions **Transparency** **Seeing**

Session Notes

Observing Notes

Star charts created by Starry Night Pro(TM) courtesy of Space.com Software



The Ultimate Messier Object Log

Messier # M073

NGC 6994

Seen?

Date seen

Type Group/Asterism
Name (if any) N/A
Constellation Aquarius
Marathon Order # 109

Magnitude

9.0



RA 20h 59.0m **Dec** -12 3 **Size** 2.8

Sky Atlas 2000 page 16 **Other Chart Page(s)** (Enter page # from your favorite chart here.)

Binocular Difficulty C2

E=easy, T=tough, C=challenging / 7x50.

E2=easy, T2=tough, C2=challenging / 11x80.

Personal Viewing Notes

Viewing Time Comments

Observing Site

Equipment

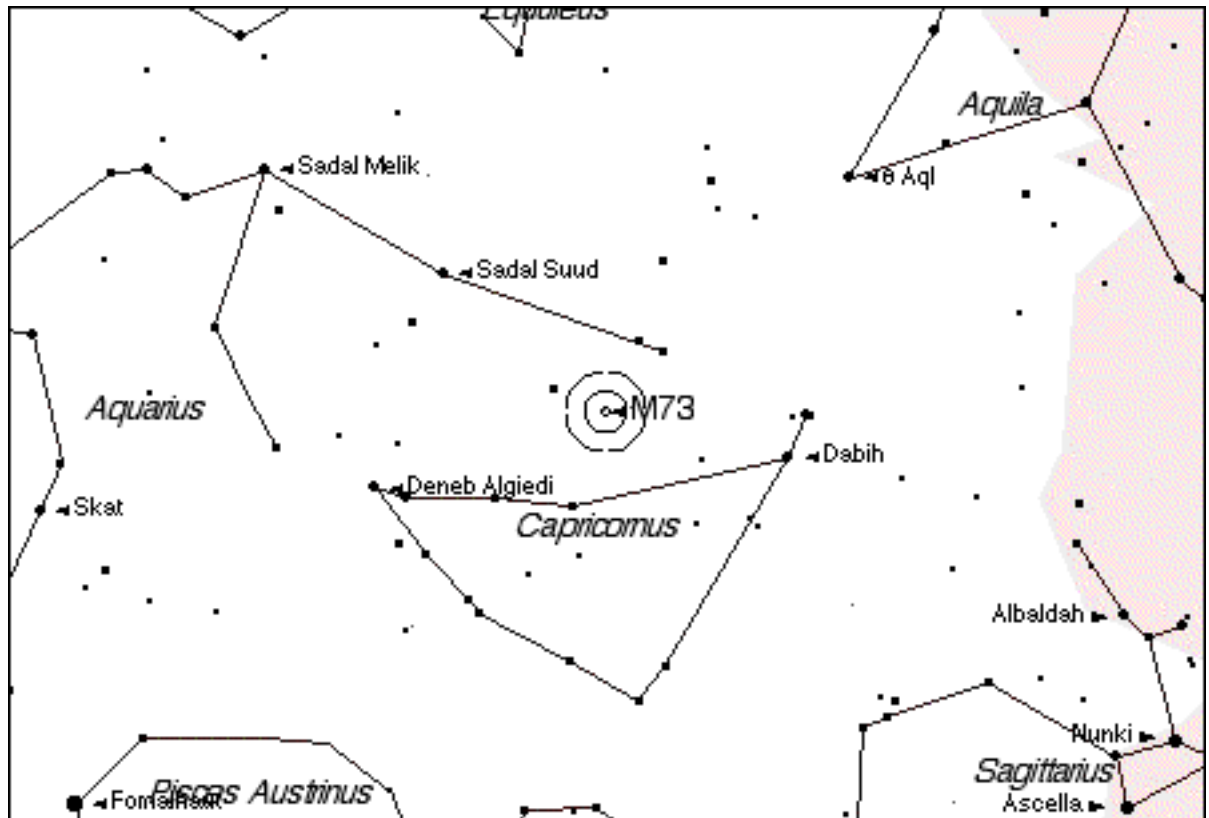
Sky Conditions Transparency

Seeing

Session Notes

Observing Notes

Star charts created by Starry Night Pro(TM) courtesy of Space.com Software



The Ultimate Messier Object Log

Messier # M074

NGC 0628

Seen?

Date seen

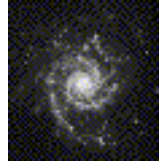
Type **Spiral Galaxy**

Magnitude

Name (if any) **N/A**

10.5

Constellation **Pisces**



Marathon Order # **2**

RA 1h 36.6m

Dec 15 48

Size 10.2x9.5

Sky Atlas 2000 page 10

Other Chart Page(s)

(Enter page # from your favorite chart here.)

Binocular Difficulty C2

E=easy, T=tough, C=challenging / 7x50.

E2=easy, T2=tough, C2=challenging / 11x80.

Personal Viewing Notes

Viewing Time Comments

Observing Site

Equipment

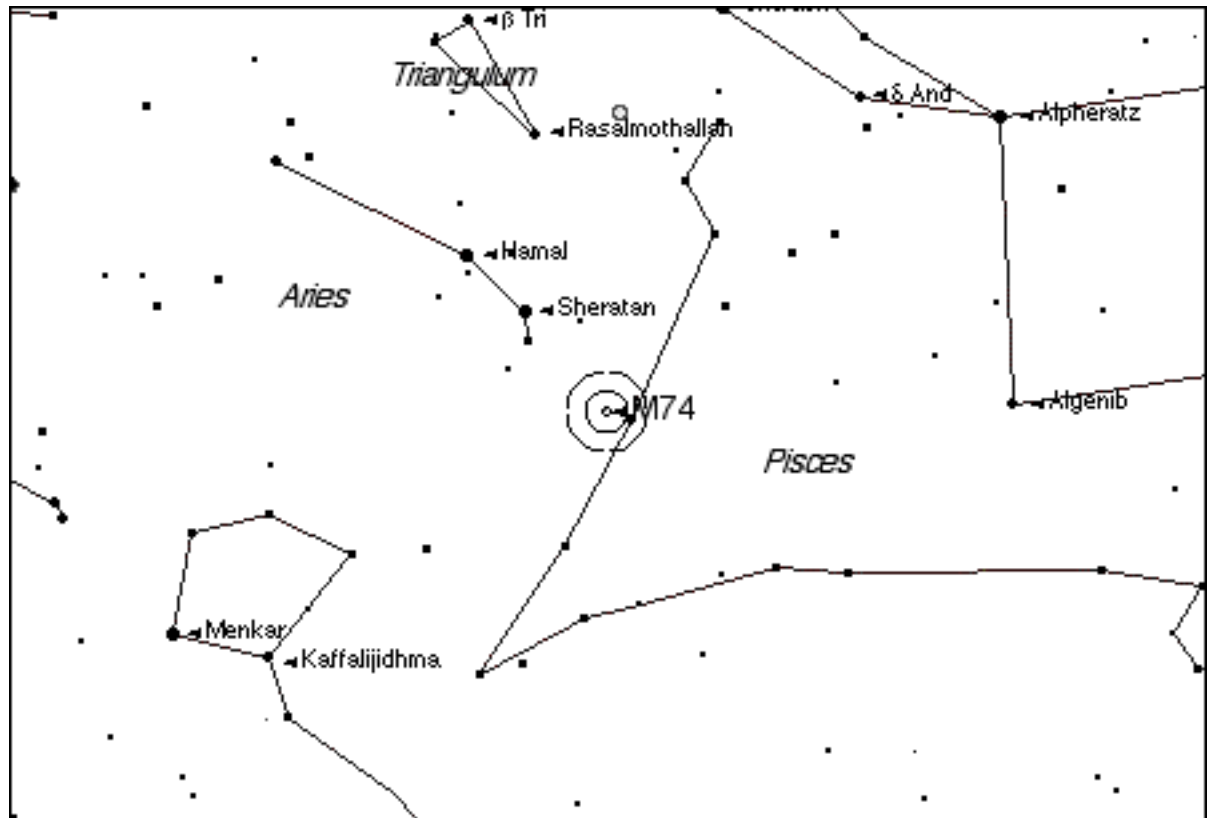
Sky Conditions Transparency

Seeing

Session Notes

Observing Notes

Star charts created by Starry Night Pro(TM) courtesy of Space.com Software



The Ultimate Messier Object Log

Messier # M075

NGC 6864

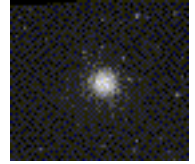
Seen?

Date seen

Type Globular Cluster
Name (if any) N/A
Constellation Sagittarius
Marathon Order # 105

Magnitude

9.5



RA 20h 6.1m

Dec -21 55

Size 6.0

Sky Atlas 2000 page 22

Other Chart Page(s)

(Enter page # from your favorite chart here.)

Binocular Difficulty C

E=easy, T=tough, C=challenging / 7x50.

E2=easy, T2=tough, C2=challenging / 11x80.

Personal Viewing Notes

Viewing Time Comments

Observing Site

Equipment

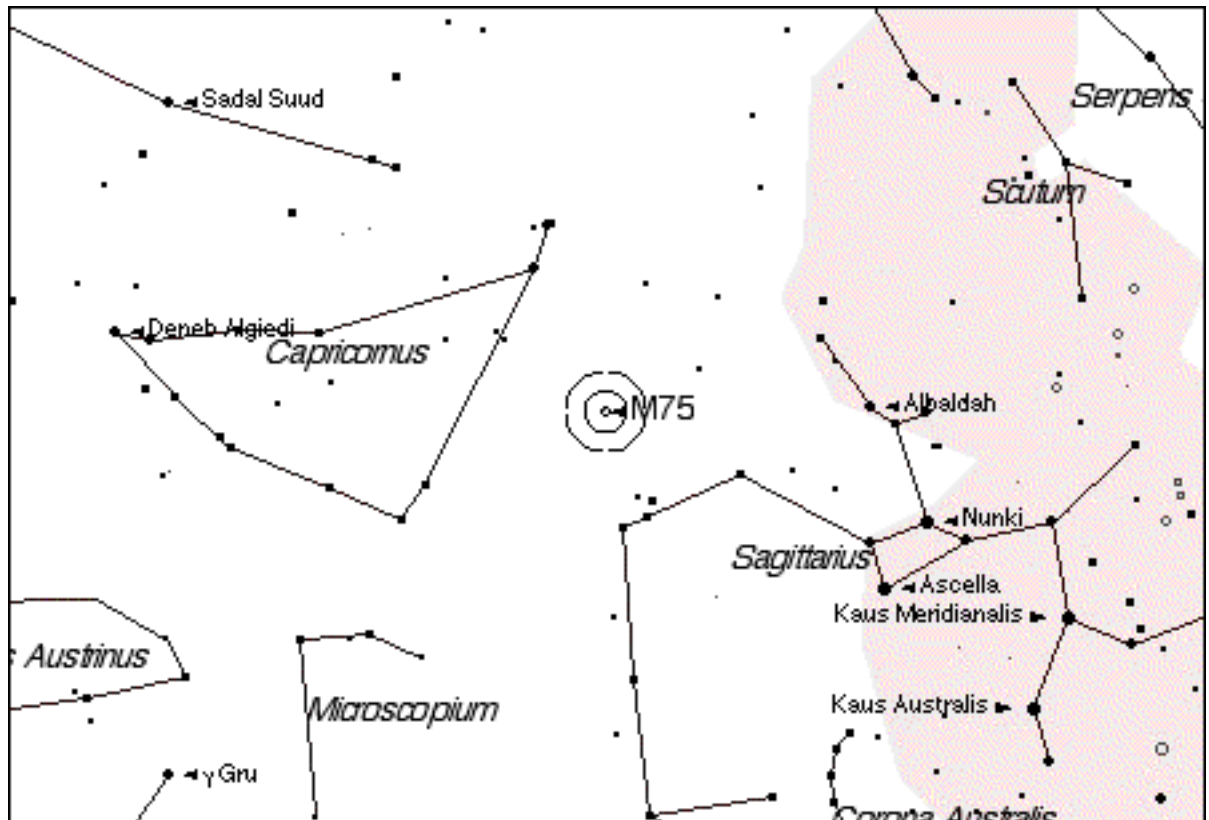
Sky Conditions Transparency

Seeing

Session Notes

Observing Notes

Star charts created by Starry Night Pro(TM) courtesy of Space.com Software



The Ultimate Messier Object Log

Messier # M076

NGC 0650

Seen?

Date seen

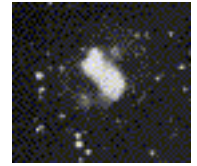
Type Planetary Nebula

Magnitude

Name (if any) Little Dumbbell, Cork, Butterfly

12.0

Constellation Perseus



Marathon Order # 9

RA 1h 42.4m

Dec 51 34

Size 2.7x1.8

Sky Atlas 2000 page 1

Other Chart Page(s)

(Enter page # from your favorite chart here.)

Binocular Difficulty C2

E=easy, T=tough, C=challenging / 7x50.

E2=easy, T2=tough, C2=challenging / 11x80.

Personal Viewing Notes

Viewing Time Comments

Observing Site

Equipment

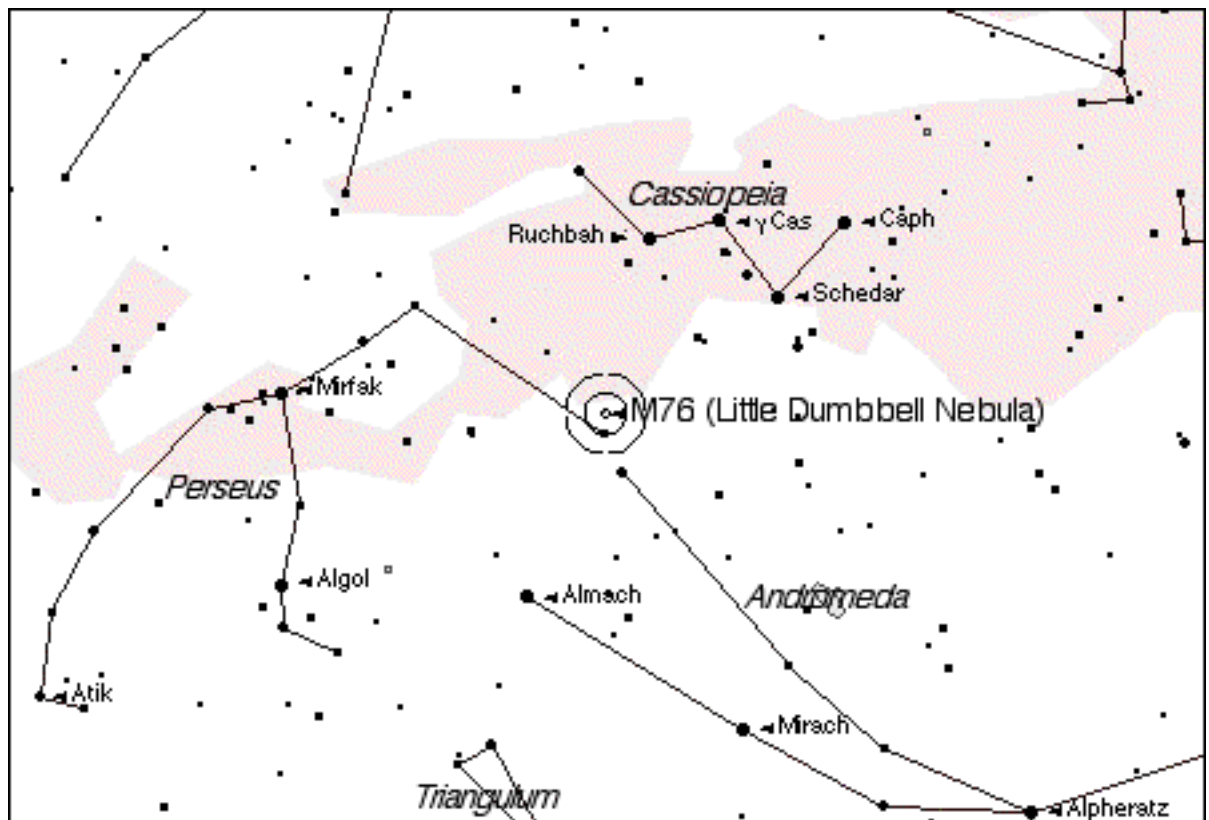
Sky Conditions Transparency

Seeing

Session Notes

Observing Notes

Star charts created by Starry Night Pro(TM) courtesy of Space.com Software



The Ultimate Messier Object Log

Messier # M077

NGC 1068

Seen?

Date seen

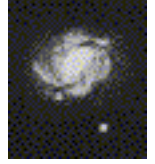
Type **Spiral Galaxy**

Magnitude

Name (if any) **N/A**

10.5

Constellation **Cetus**



Marathon Order # **1**

RA **2h 42.7m**

Dec **-9 2**

Size **7.0x6.0**

Sky Atlas 2000 page **10**

Other Chart Page(s)

(Enter page # from your favorite chart here.)

Binocular Difficulty **C2**

E=easy, T=tough, C=challenging / 7x50.

E2=easy, T2=tough, C2=challenging / 11x80.

Personal Viewing Notes

Viewing Time Comments

Observing Site

Equipment

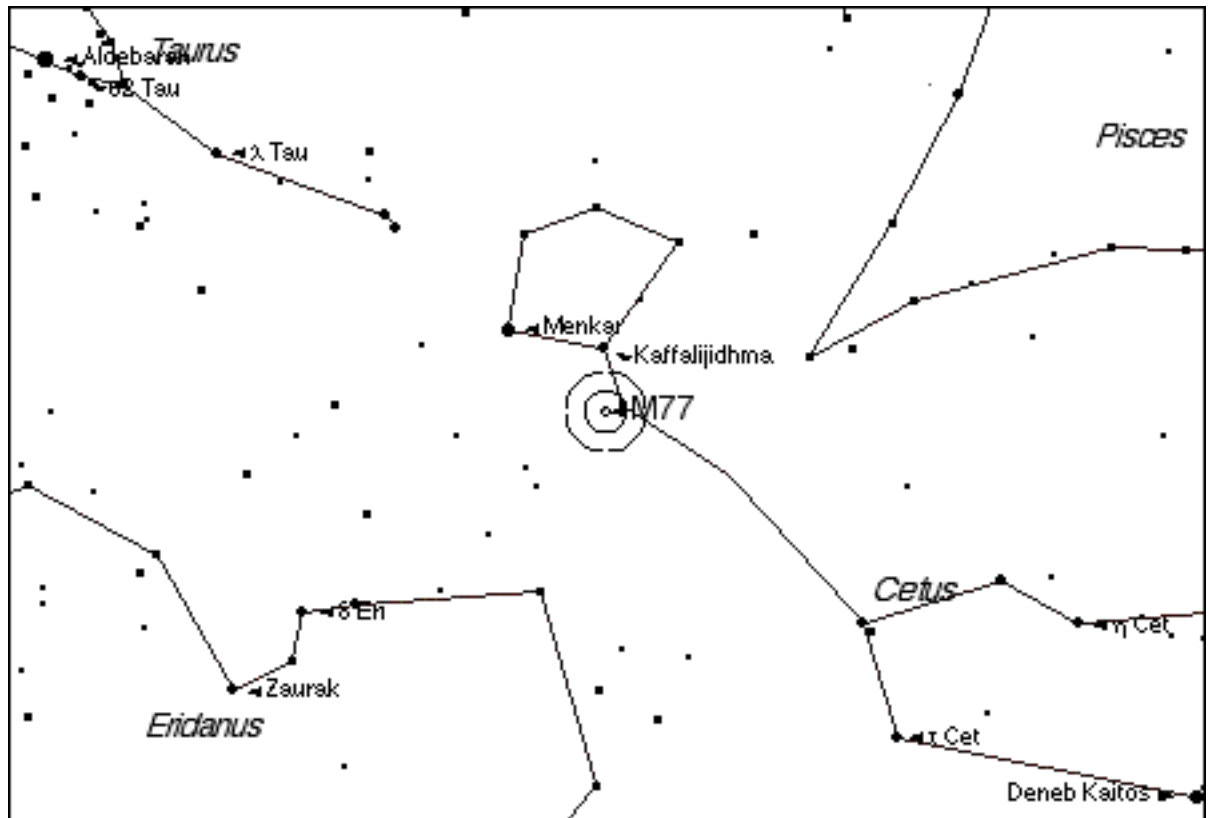
Sky Conditions Transparency

Seeing

Session Notes

Observing Notes

Star charts created by Starry Night Pro(TM) courtesy of Space.com Software



The Ultimate Messier Object Log

Messier # M078

NGC 2068

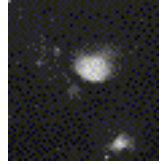
Seen?

Date seen

Type Diffuse Nebula
Name (if any) N/A
Constellation Orion
Marathon Order # 15

Magnitude

8.0



RA 5h 46.8m

Dec 0 4

Size 8.0x6.0

Sky Atlas 2000 page 11

Other Chart Page(s)

(Enter page # from your favorite chart here.)

Binocular Difficulty T

E=easy, T=tough, C=challenging / 7x50.

E2=easy, T2=tough, C2=challenging / 11x80.

Personal Viewing Notes

Viewing Time Comments

Observing Site

Equipment

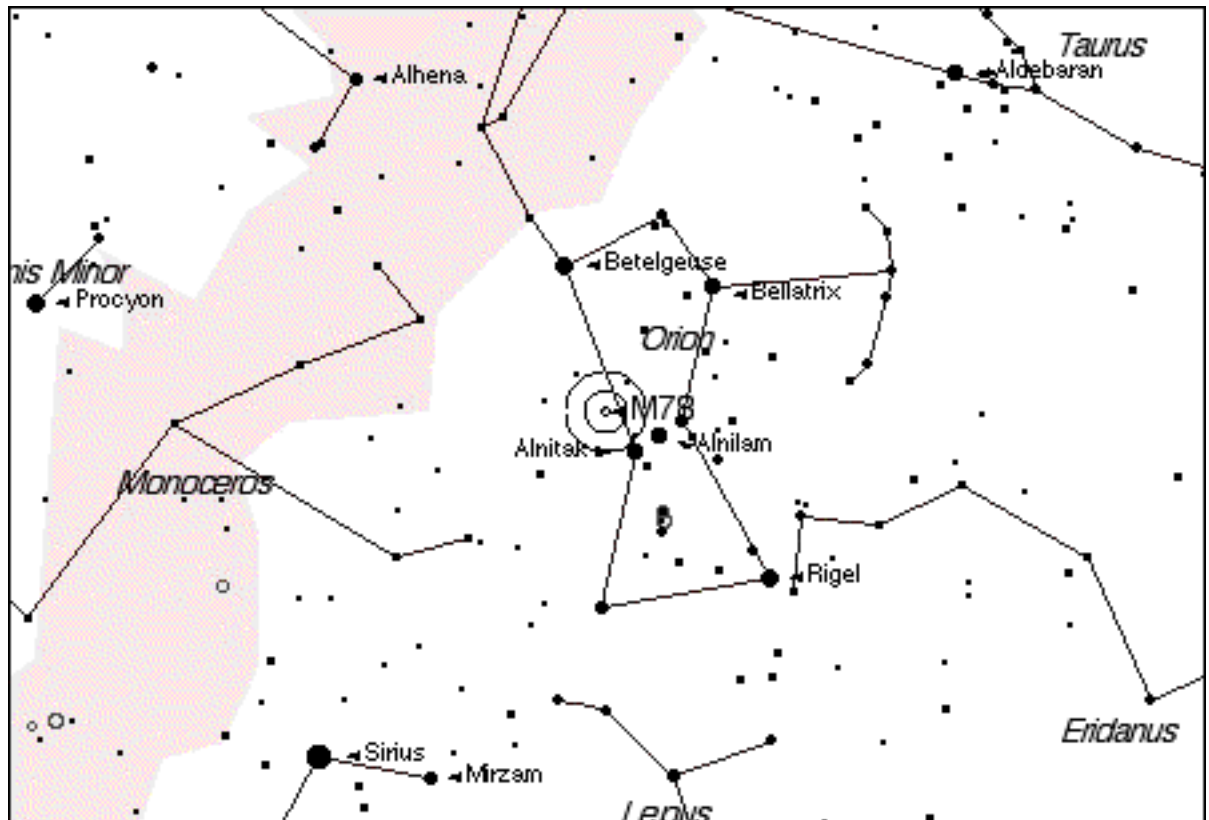
Sky Conditions Transparency

Seeing

Session Notes

Observing Notes

Star charts created by Starry Night Pro(TM) courtesy of Space.com Software



The Ultimate Messier Object Log

Messier # M079

NGC 1904

Seen?

Date seen

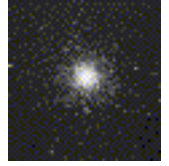
Type Globular Cluster

Magnitude

Name (if any) N/A

8.5

Constellation Lepus



Marathon Order # 12

RA 5h 24.5m

Dec -24 33

Size 8.7

Sky Atlas 2000 page 19

Other Chart Page(s)

(Enter page # from your favorite chart here.)

Binocular Difficulty T2

E=easy, T=tough, C=challenging / 7x50.

E2=easy, T2=tough, C2=challenging / 11x80.

Personal Viewing Notes

Viewing Time Comments

Observing Site

Equipment

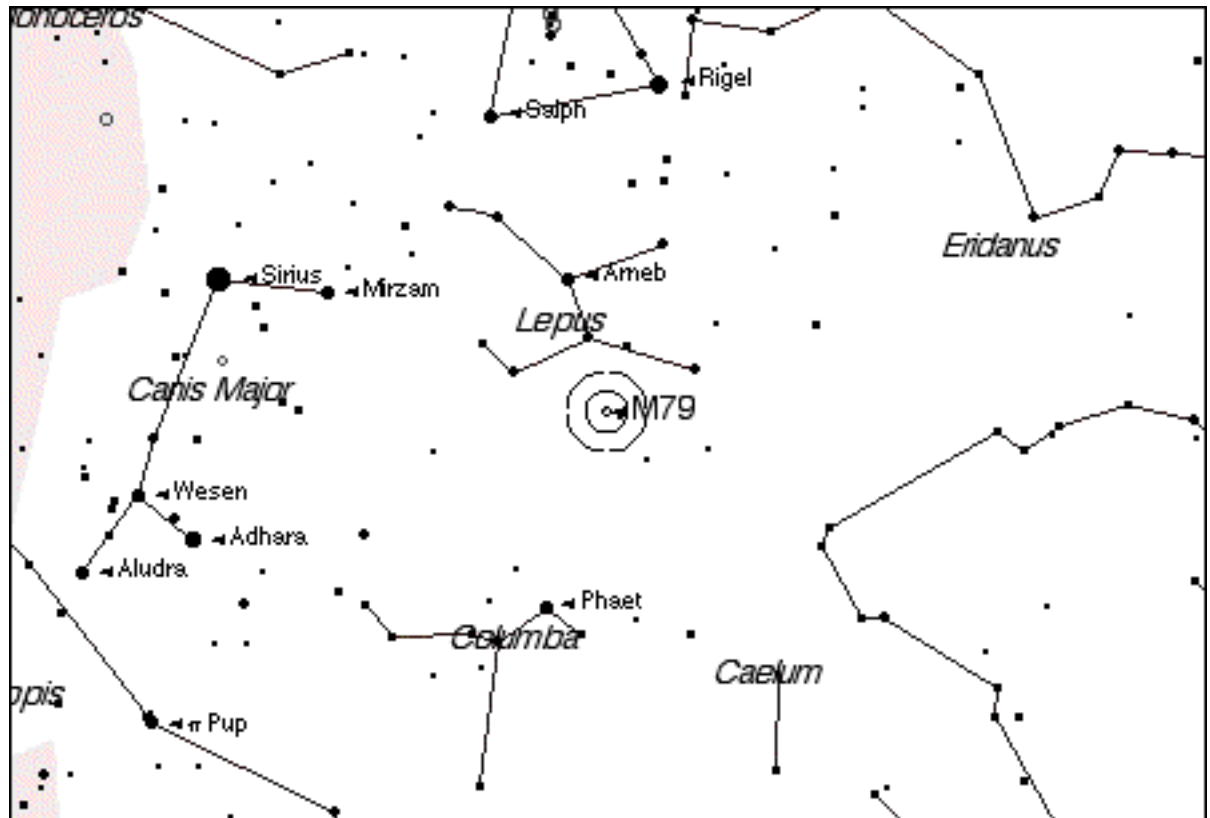
Sky Conditions Transparency

Seeing

Session Notes

Observing Notes

Star charts created by Starry Night Pro(TM) courtesy of Space.com Software



The Ultimate Messier Object Log

Messier # M080

NGC 6093

Seen?

Date seen

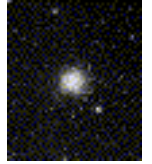
Type Globular Cluster

Magnitude

Name (if any) N/A

8.5

Constellation Scorpius



Marathon Order # 83

RA 16h 17.0m Dec -22 59

Size 8.9

Sky Atlas 2000 page 22

Other Chart Page(s)

(Enter page # from your favorite chart here.)

Binocular Difficulty T

E=easy, T=tough, C=challenging / 7x50.

E2=easy, T2=tough, C2=challenging / 11x80.

Personal Viewing Notes

Viewing Time Comments

Observing Site

Equipment

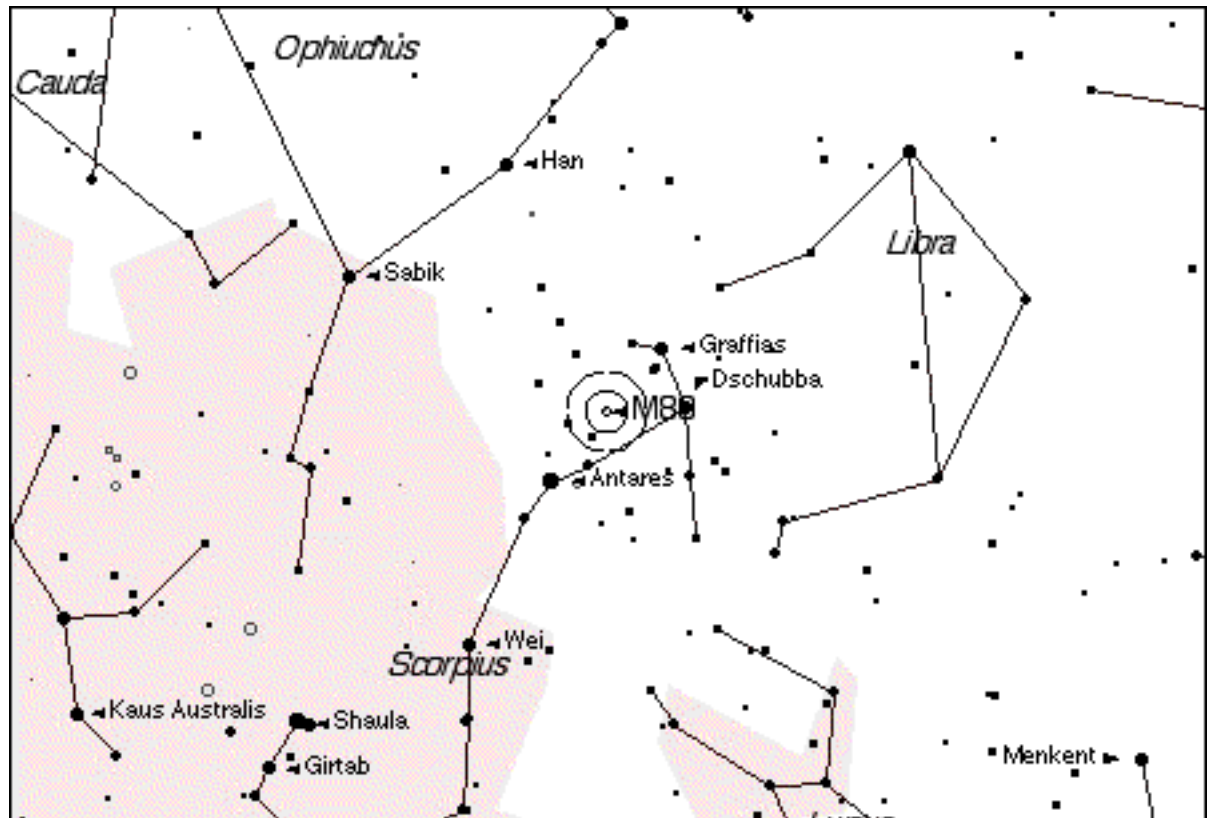
Sky Conditions Transparency

Seeing

Session Notes

Observing Notes

Star charts created by Starry Night Pro(TM) courtesy of Space.com Software



The Ultimate Messier Object Log

Messier # M081

NGC 3031

Seen?

Date seen

Type **Spiral Galaxy**

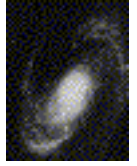
Magnitude

Name (if any) **Bode's Galaxy - 1/2 of Double**

8.5

Constellation **Ursa Major**

Marathon Order # **34**



RA **9h 55.6m**

Dec **69 4**

Size **21.0x10.0**

Sky Atlas 2000 page **1**

Other Chart Page(s)

(Enter page # from your favorite chart here.)

Binocular Difficulty **T**

E=easy, T=tough, C=challenging / 7x50.

E2=easy, T2=tough, C2=challenging / 11x80.

Personal Viewing Notes

Viewing Time Comments

Observing Site

Equipment

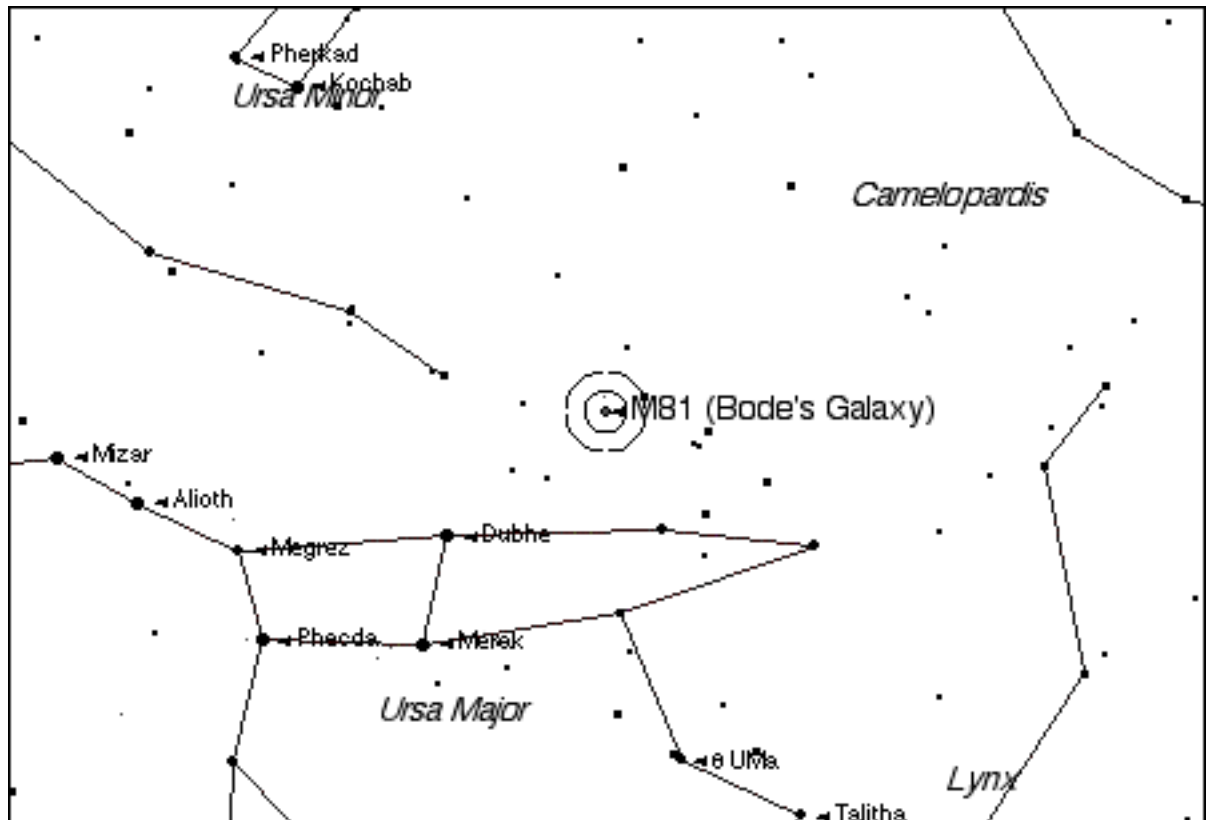
Sky Conditions Transparency

Seeing

Session Notes

Observing Notes

Star charts created by Starry Night Pro(TM) courtesy of Space.com Software



The Ultimate Messier Object Log

Messier # M082

NGC 3034

Seen?

Date seen

Type Irregular Galaxy

Magnitude

Name (if any) Cigar Galaxy - 1/2 of Double

9.5

Constellation Ursa Major



Marathon Order # 35

RA 9h 55.9m

Dec 69 41

Size 9.x4.0

Sky Atlas 2000 page 1

Other Chart Page(s)

(Enter page # from your favorite chart here.)

Binocular Difficulty T

E=easy, T=tough, C=challenging / 7x50.

E2=easy, T2=tough, C2=challenging / 11x80.

Personal Viewing Notes

Viewing Time Comments

Observing Site

Equipment

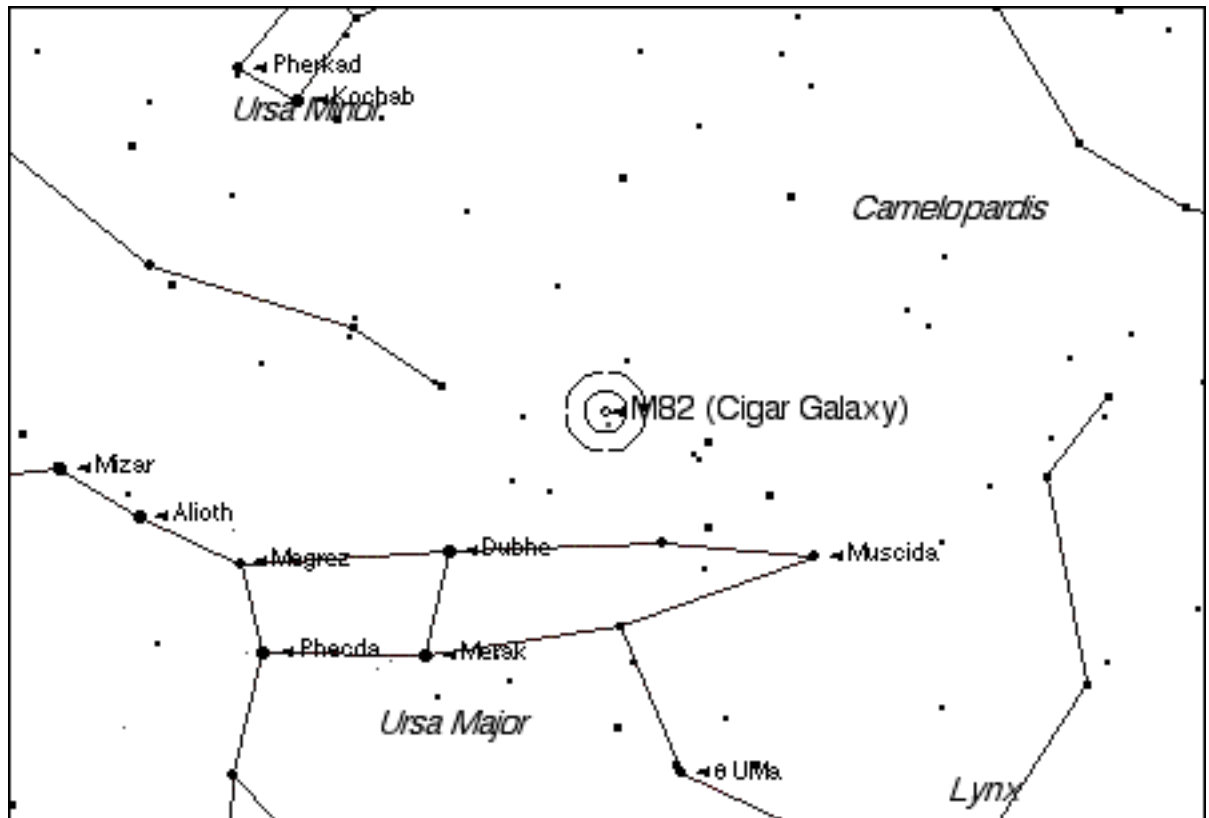
Sky Conditions Transparency

Seeing

Session Notes

Observing Notes

Star charts created by Starry Night Pro(TM) courtesy of Space.com Software



The Ultimate Messier Object Log

Messier # M083

NGC 5236

Seen?

Date seen

Type **Spiral Galaxy**

Magnitude

Name (if any) **Small Pinwheel Galaxy**

8.5

Constellation **Hydra**



Marathon Order # **67**

RA 13h 37.1m Dec -29 52 Size 11.0x10.0

Sky Atlas 2000 page 21 Other Chart Page(s) (Enter page # from your favorite chart here.)

Binocular Difficulty T

E=easy, T=tough, C=challenging / 7x50.
E2=easy, T2=tough, C2=challenging / 11x80.

Personal Viewing Notes

Viewing Time Comments

Observing Site

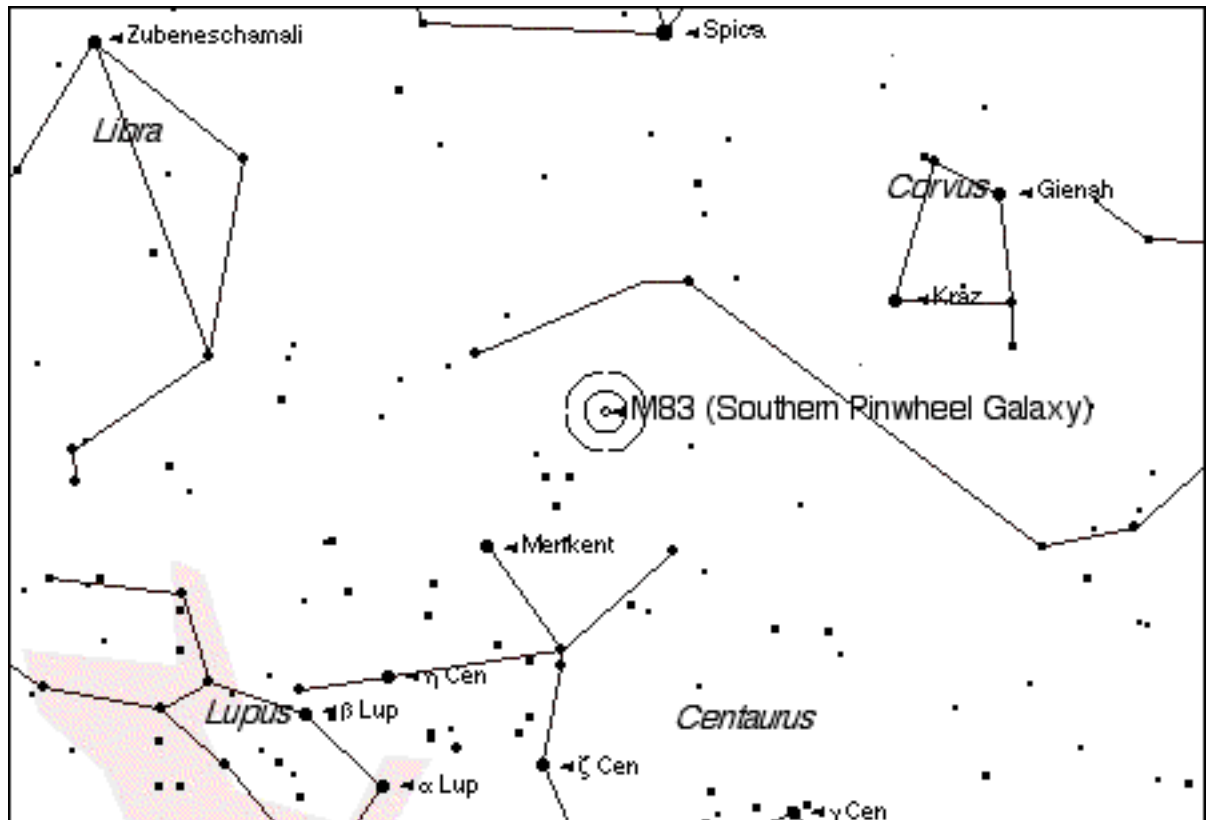
Equipment

Sky Conditions Transparency Seeing

Session Notes

Observing Notes

Star charts created by Starry Night Pro(TM) courtesy of Space.com Software



The Ultimate Messier Object Log

Messier # M084

NGC 4374

Seen?

Date seen

Type Lenticular (S0) Galaxy
Name (if any) N/A
Constellation Virgo
Marathon Order # 53

Magnitude
11.0



RA 12h 25.1m **Dec** 12 54 **Size** 5.0

Sky Atlas 2000 page 13 **Other Chart Page(s)** (Enter page # from your favorite chart here.)

Binocular Difficulty T2

E=easy, T=tough, C=challenging / 7x50.
E2=easy, T2=tough, C2=challenging / 11x80.

Personal Viewing Notes

Viewing Time Comments

Observing Site

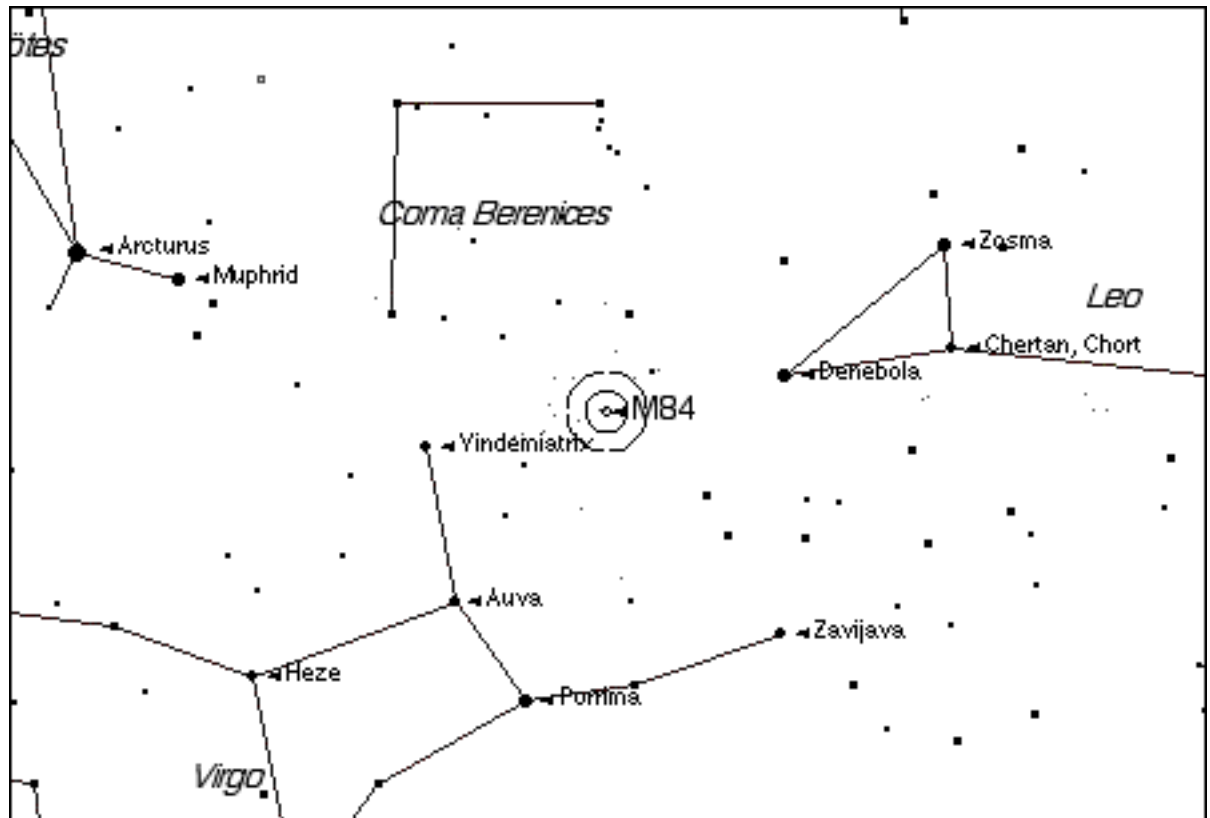
Equipment

Sky Conditions Transparency **Seeing**

Session Notes

Observing Notes

Star charts created by Starry Night Pro(TM) courtesy of Space.com Software



The Ultimate Messier Object Log

Messier # M085

NGC 4382

Seen?

Date seen

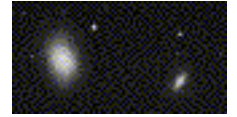
Type Lenticular (S0) Galaxy

Magnitude

Name (if any) N/A

10.5

Constellation Coma Berenices



Marathon Order # 52

RA 12h 25.5m Dec 18 12

Size 7.1x5.2

Sky Atlas 2000 page 7

Other Chart Page(s)

(Enter page # from your favorite chart here.)

Binocular Difficulty T2

E=easy, T=tough, C=challenging / 7x50.

E2=easy, T2=tough, C2=challenging / 11x80.

Personal Viewing Notes

Viewing Time Comments

Observing Site

Equipment

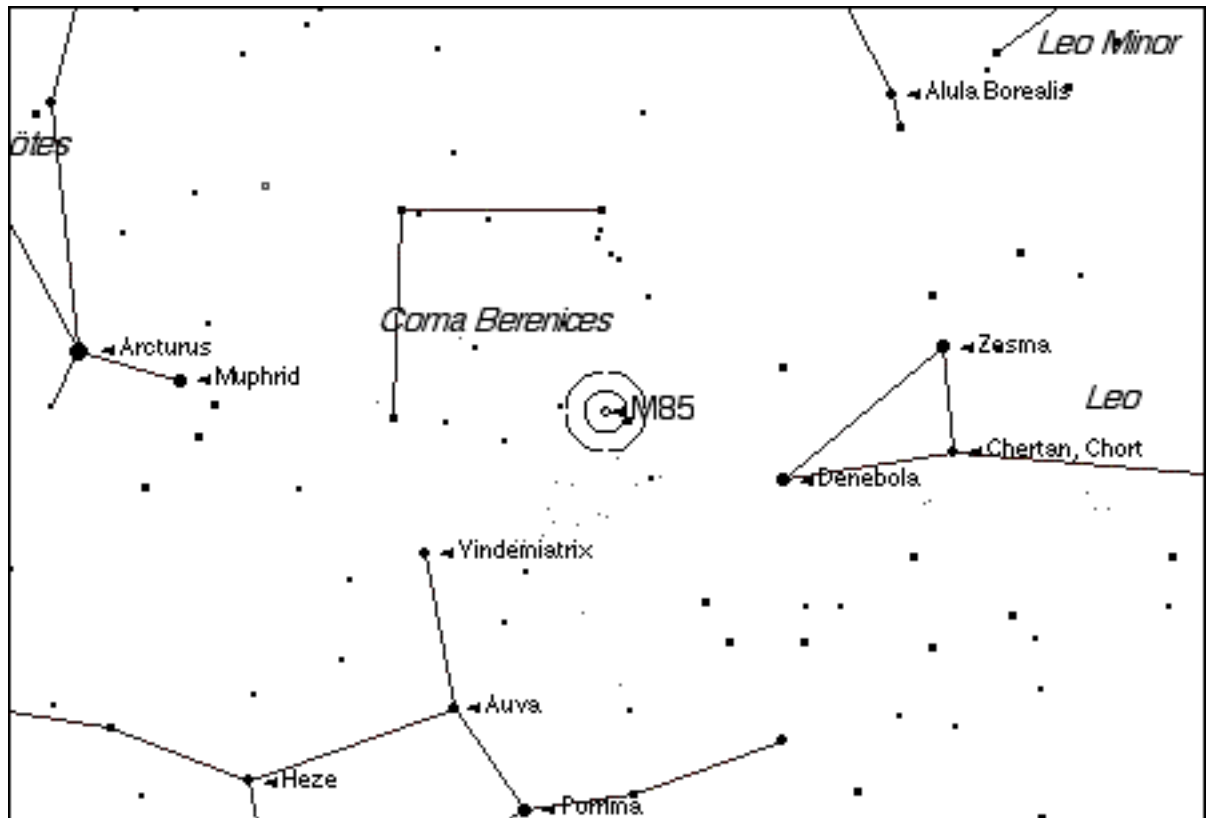
Sky Conditions Transparency

Seeing

Session Notes

Observing Notes

Star charts created by Starry Night Pro(TM) courtesy of Space.com Software



The Ultimate Messier Object Log

Messier # M086

NGC 4406

Seen?

Date seen

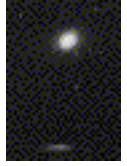
Type Lenticular (S0) Galaxy

Magnitude

Name (if any) N/A

11.0

Constellation Virgo



Marathon Order # 54

RA 12h 26.3m

Dec 12 57

Size 7.5x5.5

Sky Atlas 2000 page 13

Other Chart Page(s)

(Enter page # from your favorite chart here.)

Binocular Difficulty T2

E=easy, T=tough, C=challenging / 7x50.

E2=easy, T2=tough, C2=challenging / 11x80.

Personal Viewing Notes

Viewing Time Comments

Observing Site

Equipment

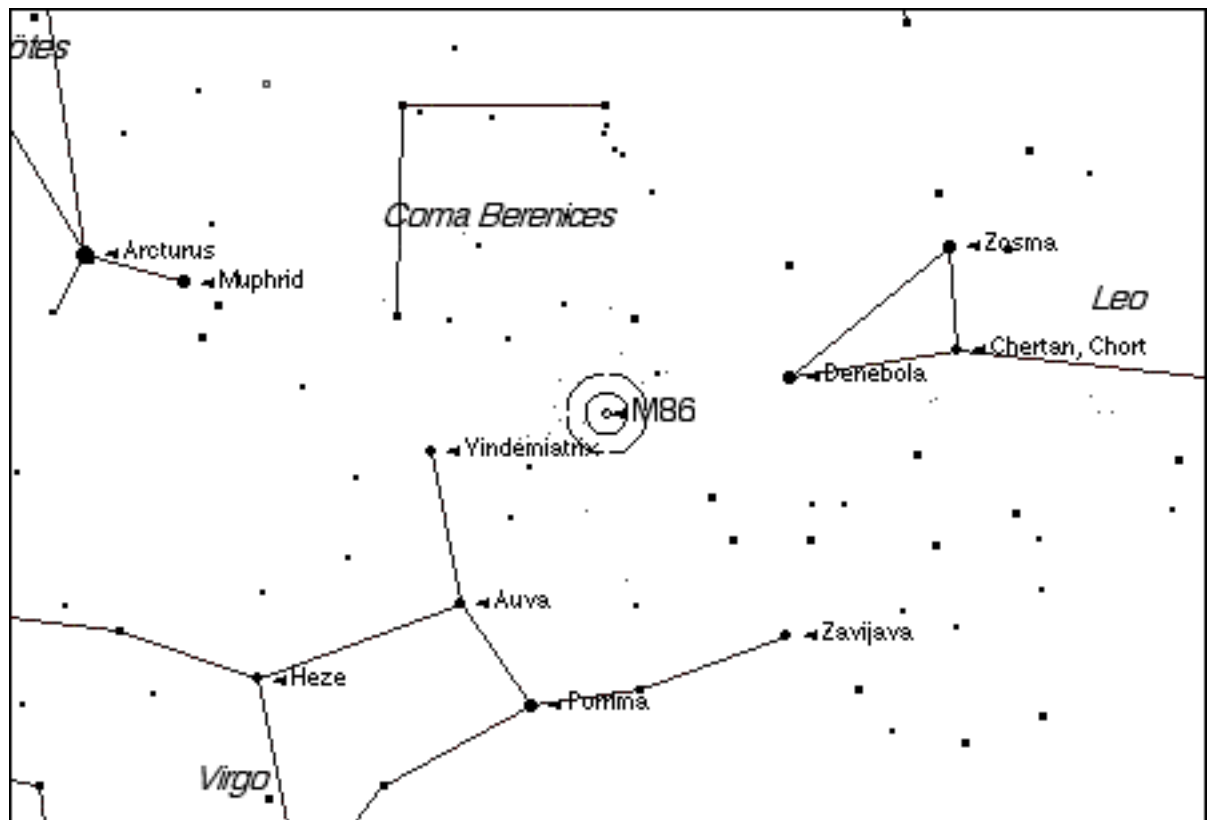
Sky Conditions Transparency

Seeing

Session Notes

Observing Notes

Star charts created by Starry Night Pro(TM) courtesy of Space.com Software



The Ultimate Messier Object Log

Messier # M087

NGC 4486

Seen?

Date seen

Type Elliptical Galaxy

Magnitude

Name (if any) Virgo A

11.0

Constellation Virgo



Marathon Order # 55

RA 12h 30.9m

Dec 12 24

Size 7.0

Sky Atlas 2000 page 13

Other Chart Page(s)

(Enter page # from your favorite chart here.)

Binocular Difficulty C2

E=easy, T=tough, C=challenging / 7x50.

E2=easy, T2=tough, C2=challenging / 11x80.

Personal Viewing Notes

Viewing Time Comments

Observing Site

Equipment

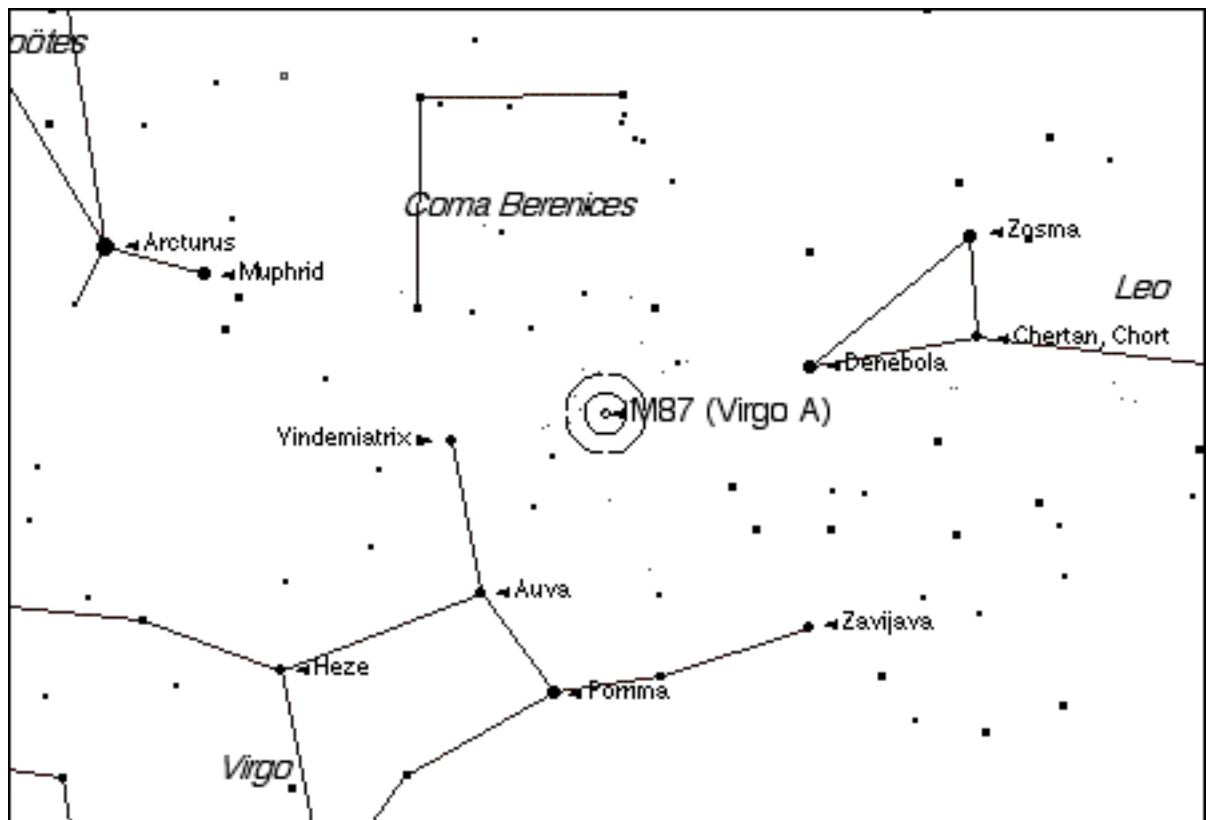
Sky Conditions Transparency

Seeing

Session Notes

Observing Notes

Star charts created by Starry Night Pro(TM) courtesy of Space.com Software



The Ultimate Messier Object Log

Messier # M088

NGC 4501

Seen?

Date seen

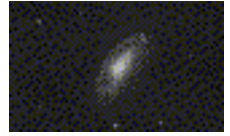
Type Spiral Galaxy

Magnitude

Name (if any) N/A

11.0

Constellation Coma Berenices



Marathon Order # 58

RA 12h 32.1m Dec 14 26

Size 7.0x4.0

Sky Atlas 2000 page 13

Other Chart Page(s)

(Enter page # from your favorite chart here.)

Binocular Difficulty T2

E=easy, T=tough, C=challenging / 7x50.

E2=easy, T2=tough, C2=challenging / 11x80.

Personal Viewing Notes

Viewing Time Comments

Observing Site

Equipment

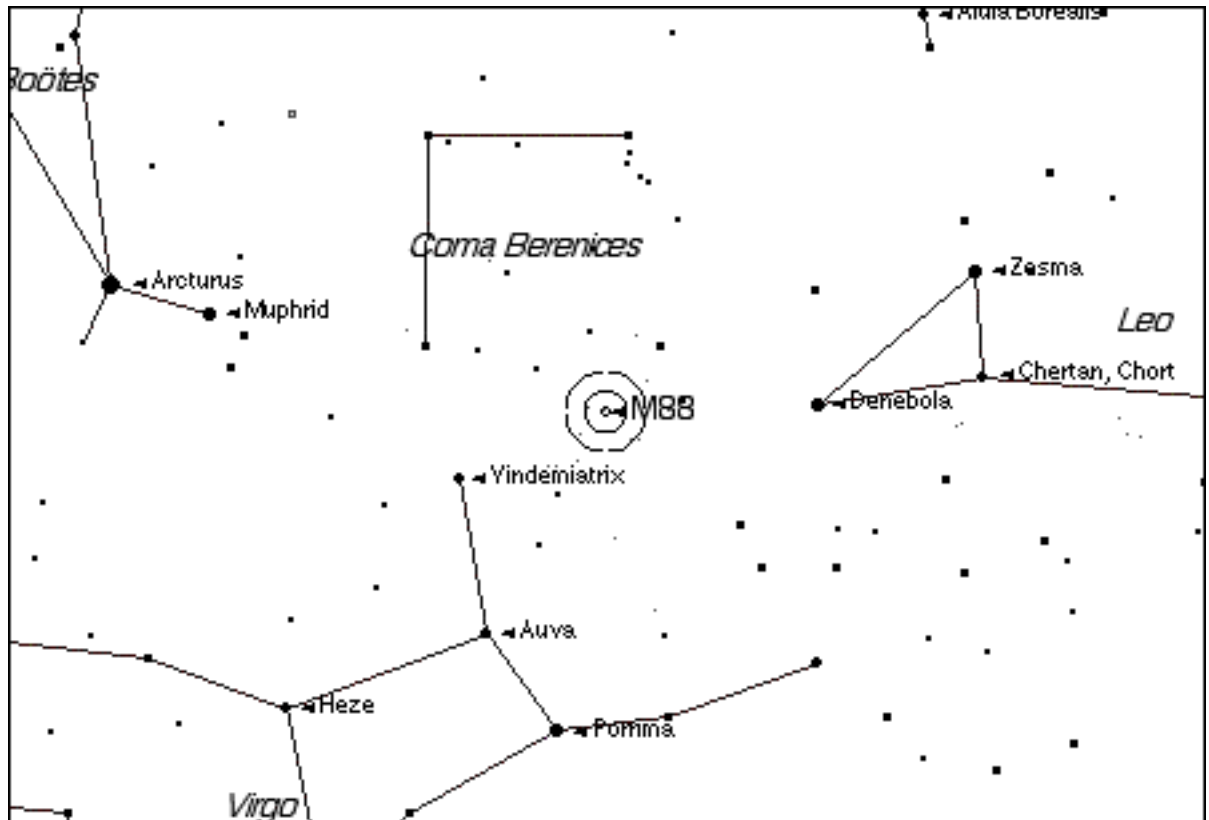
Sky Conditions Transparency

Seeing

Session Notes

Observing Notes

Star charts created by Starry Night Pro(TM) courtesy of Space.com Software



The Ultimate Messier Object Log

Messier # M089

NGC 4552

Seen?

Date seen

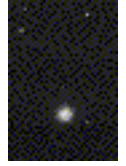
Type Elliptical Galaxy

Magnitude

Name (if any) N/A

11.5

Constellation Virgo



Marathon Order # 56

RA 12h 35.7m

Dec 12 34

Size 4.0

Sky Atlas 2000 page 13

Other Chart Page(s)

(Enter page # from your favorite chart here.)

Binocular Difficulty T2

E=easy, T=tough, C=challenging / 7x50.

E2=easy, T2=tough, C2=challenging / 11x80.

Personal Viewing Notes

Viewing Time Comments

Observing Site

Equipment

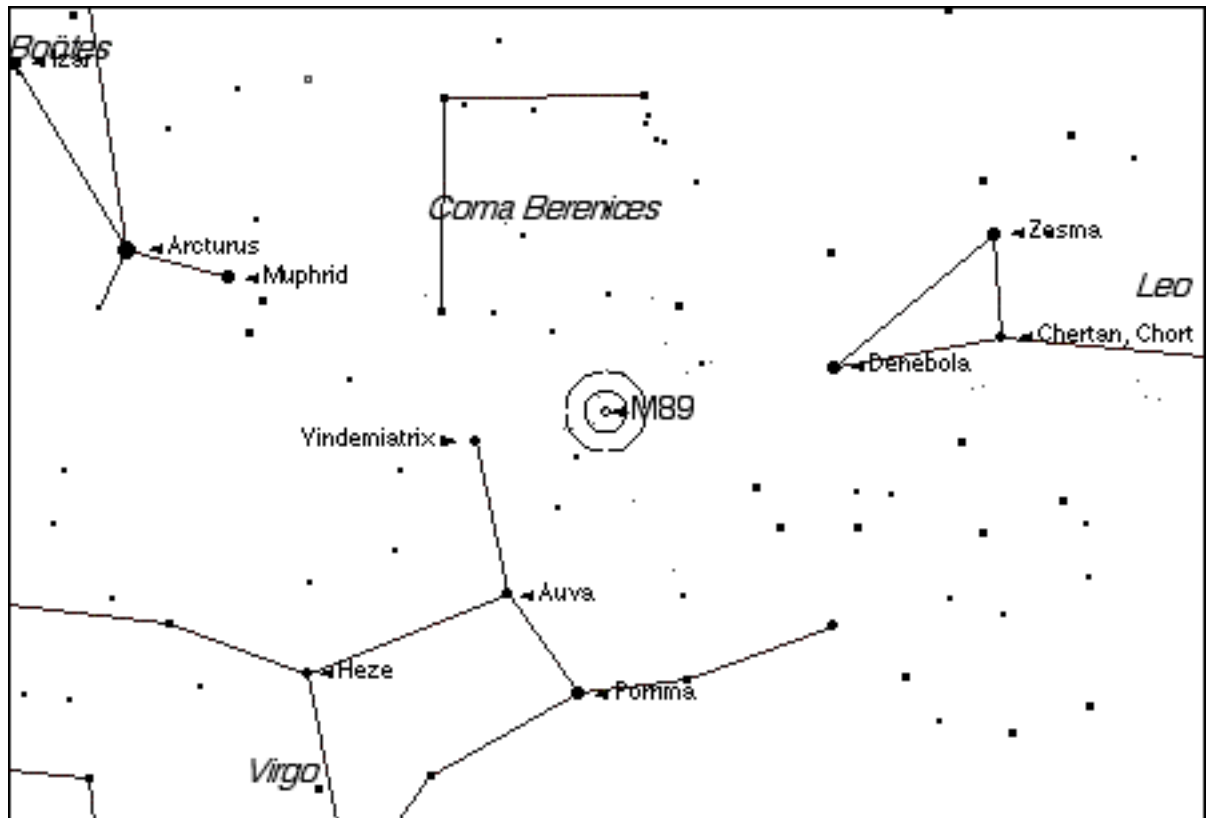
Sky Conditions Transparency

Seeing

Session Notes

Observing Notes

Star charts created by Starry Night Pro(TM) courtesy of Space.com Software



The Ultimate Messier Object Log

Messier # M090

NGC 4569

Seen?

Date seen

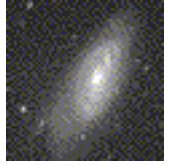
Type Spiral Galaxy

Magnitude

Name (if any) N/A

11.0

Constellation Virgo



Marathon Order # 57

RA 12h 36.9m Dec 13 10

Size 9.5x4.5

Sky Atlas 2000 page 13

Other Chart Page(s)

(Enter page # from your favorite chart here.)

Binocular Difficulty T2

E=easy, T=tough, C=challenging / 7x50.

E2=easy, T2=tough, C2=challenging / 11x80.

Personal Viewing Notes

Viewing Time Comments

Observing Site

Equipment

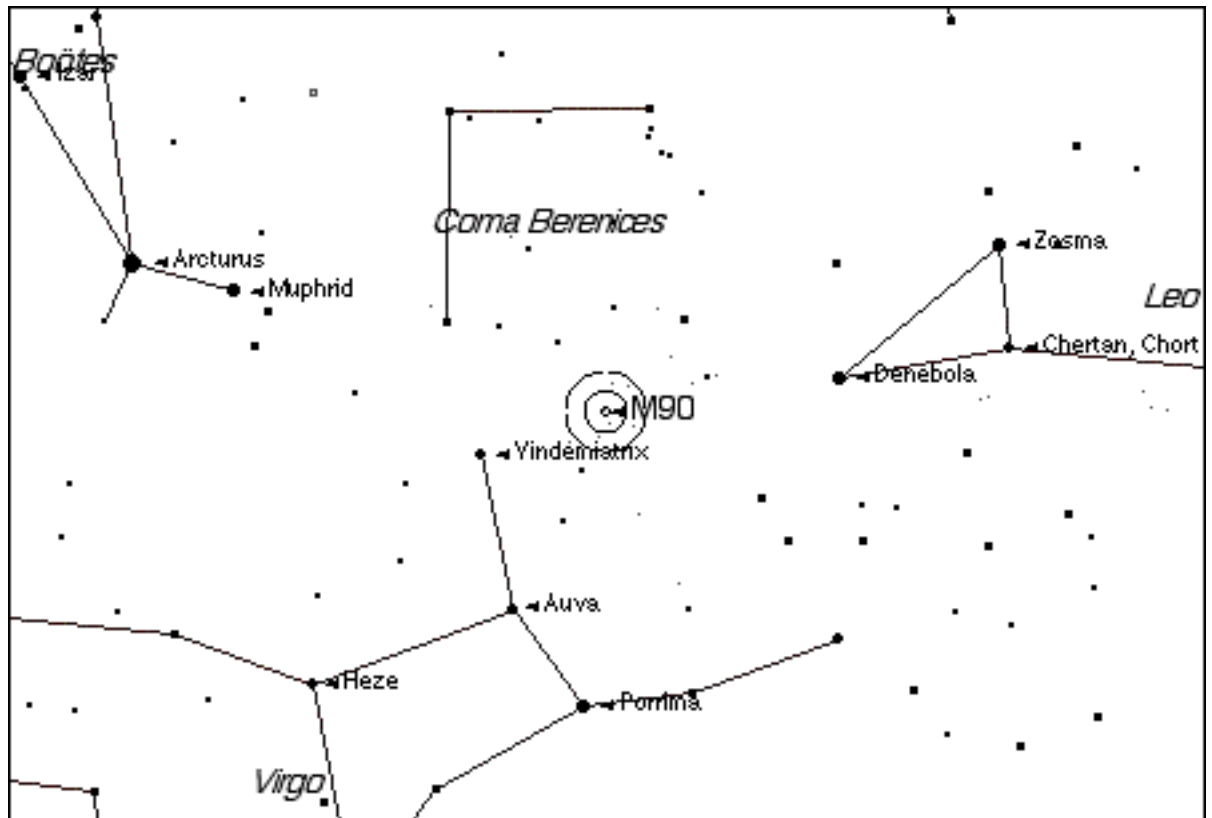
Sky Conditions Transparency

Seeing

Session Notes

Observing Notes

Star charts created by Starry Night Pro(TM) courtesy of Space.com Software



The Ultimate Messier Object Log

Messier # M091

NGC 4548

Seen?

Date seen

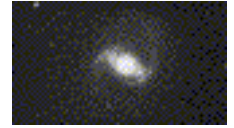
Type **Spiral Galaxy**

Magnitude

Name (if any) **N/A**

11.5

Constellation **Coma Berenices**



Marathon Order # **59**

RA **12h 35.5m** Dec **14 30**

Size **5.4x4.4**

Sky Atlas 2000 page **13**

Other Chart Page(s)

(Enter page # from your favorite chart here.)

Binocular Difficulty **C2**

E=easy, T=tough, C=challenging / 7x50.

E2=easy, T2=tough, C2=challenging / 11x80.

Personal Viewing Notes

Viewing Time Comments

Observing Site

Equipment

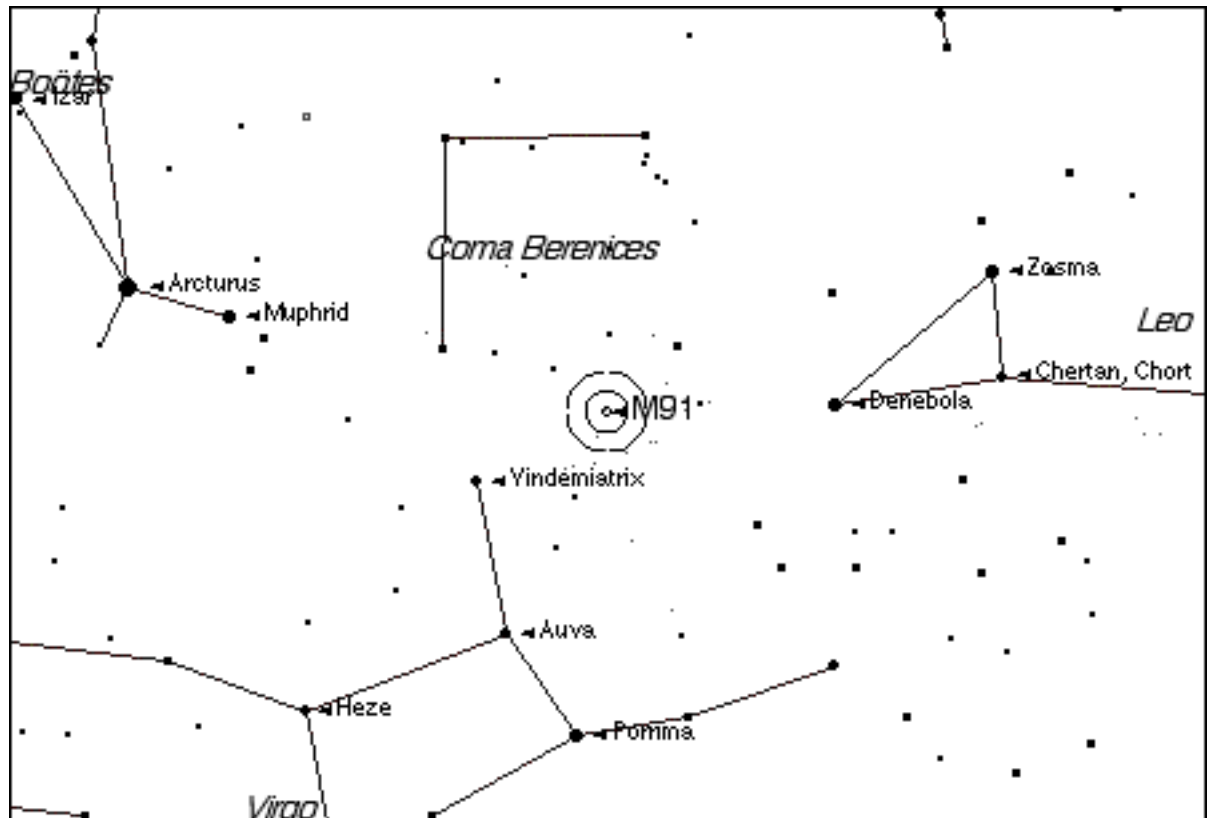
Sky Conditions Transparency

Seeing

Session Notes

Observing Notes

Star charts created by Starry Night Pro(TM) courtesy of Space.com Software



The Ultimate Messier Object Log

Messier # M092

NGC 6341

Seen?

Date seen

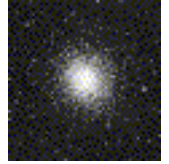
Type Globular Cluster

Magnitude

Name (if any) N/A

7.5

Constellation Hercules



Marathon Order # 70

RA 17h 17.1m Dec 43 8

Size 11.2

Sky Atlas 2000 page 8

Other Chart Page(s)

(Enter page # from your favorite chart here.)

Binocular Difficulty E

E=easy, T=tough, C=challenging / 7x50.

E2=easy, T2=tough, C2=challenging / 11x80.

Personal Viewing Notes

Viewing Time Comments

Observing Site

Equipment

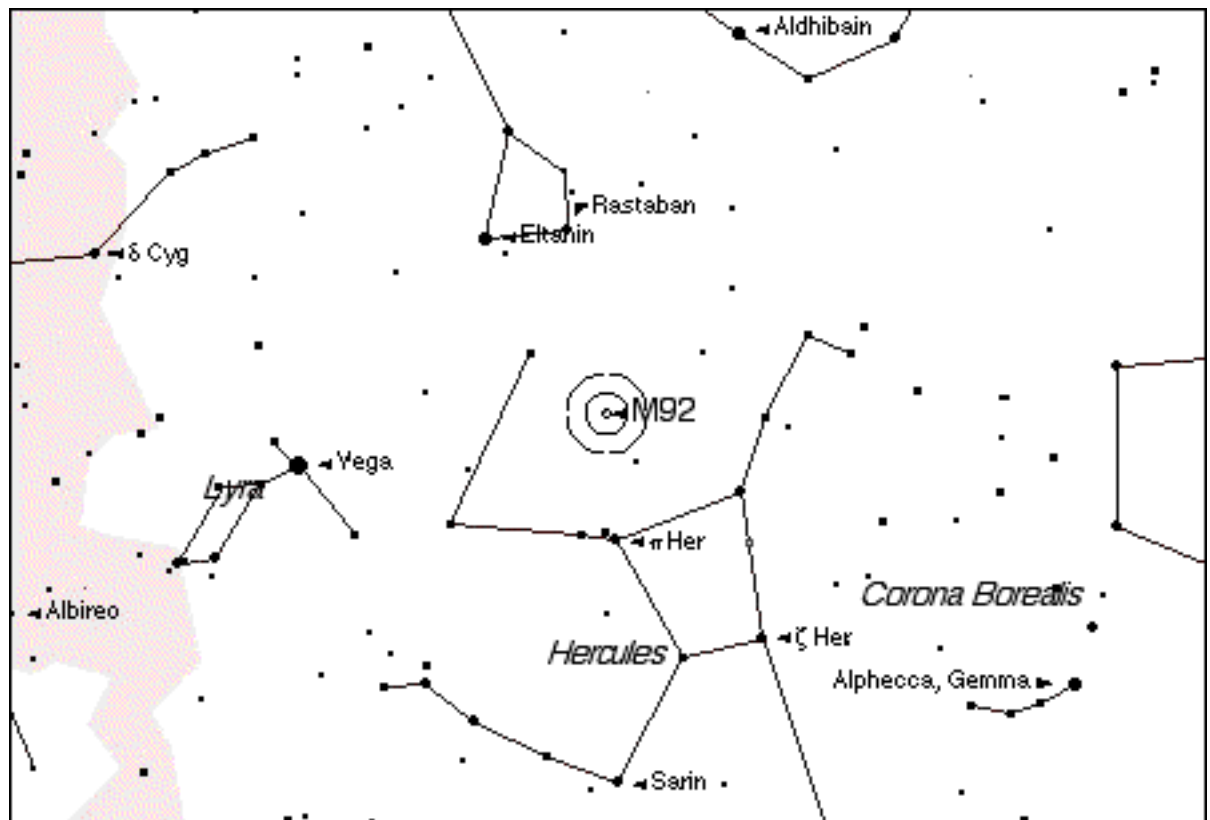
Sky Conditions Transparency

Seeing

Session Notes

Observing Notes

Star charts created by Starry Night Pro(TM) courtesy of Space.com Software



The Ultimate Messier Object Log

Messier # M093

NGC 2447

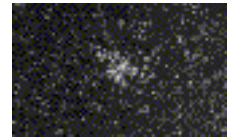
Seen?

Date seen

Type Open Cluster
Name (if any) N/A
Constellation Puppis
Marathon Order # 22

Magnitude

6.5



RA 7h 44.6m

Dec -23 52

Size 22.0

Sky Atlas 2000 page 19

Other Chart Page(s)

(Enter page # from your favorite chart here.)

Binocular Difficulty E

E=easy, T=tough, C=challenging / 7x50.

E2=easy, T2=tough, C2=challenging / 11x80.

Personal Viewing Notes

Viewing Time Comments

Observing Site

Equipment

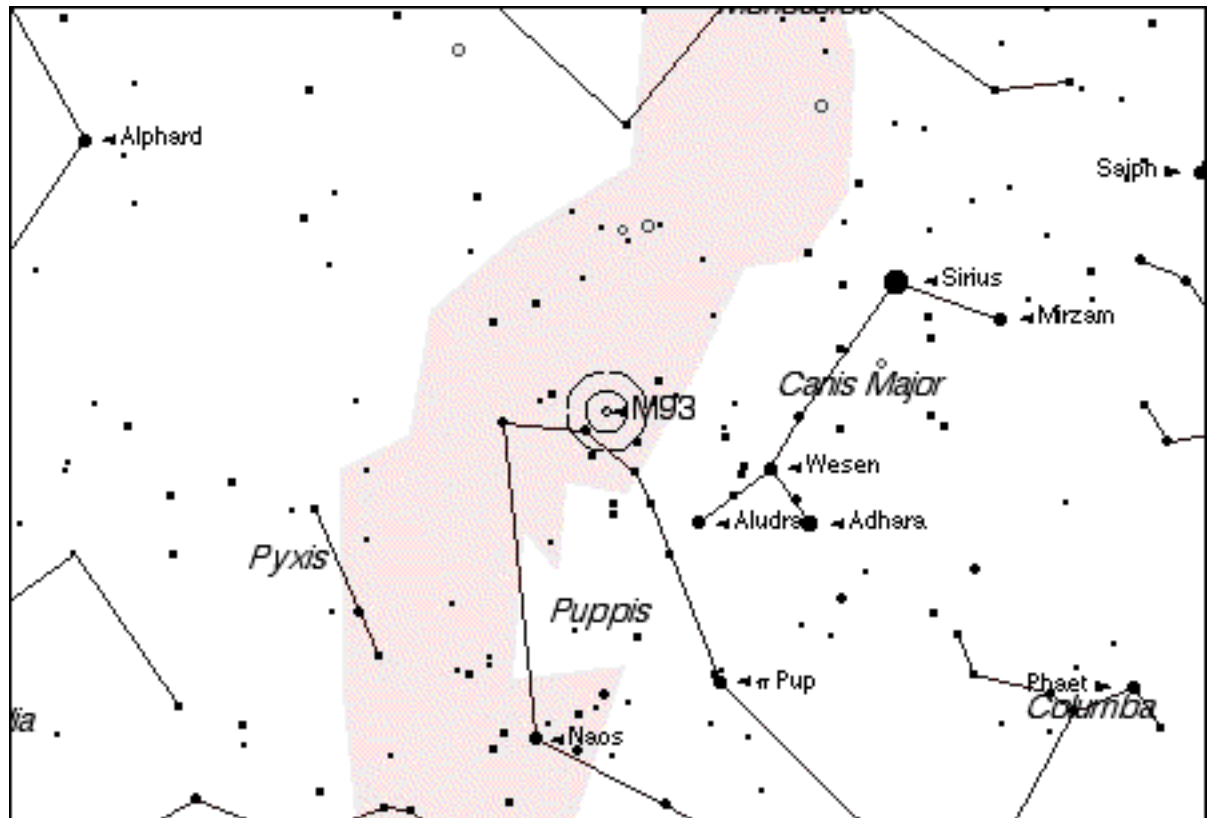
Sky Conditions Transparency

Seeing

Session Notes

Observing Notes

Star charts created by Starry Night Pro(TM) courtesy of Space.com Software



The Ultimate Messier Object Log

Messier # M094

NGC 4736

Seen?

Date seen

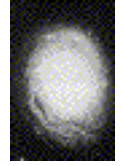
Type **Spiral Galaxy**

Magnitude

Name (if any) **N/A**

9.5

Constellation **Canes Venatici**



Marathon Order # **41**

RA 12h 50.9m Dec 41 8

Size 7.0x3.0

Sky Atlas 2000 page 7

Other Chart Page(s)

(Enter page # from your favorite chart here.)

Binocular Difficulty **T**

E=easy, T=tough, C=challenging / 7x50.

E2=easy, T2=tough, C2=challenging / 11x80.

Personal Viewing Notes

Viewing Time Comments

Observing Site

Equipment

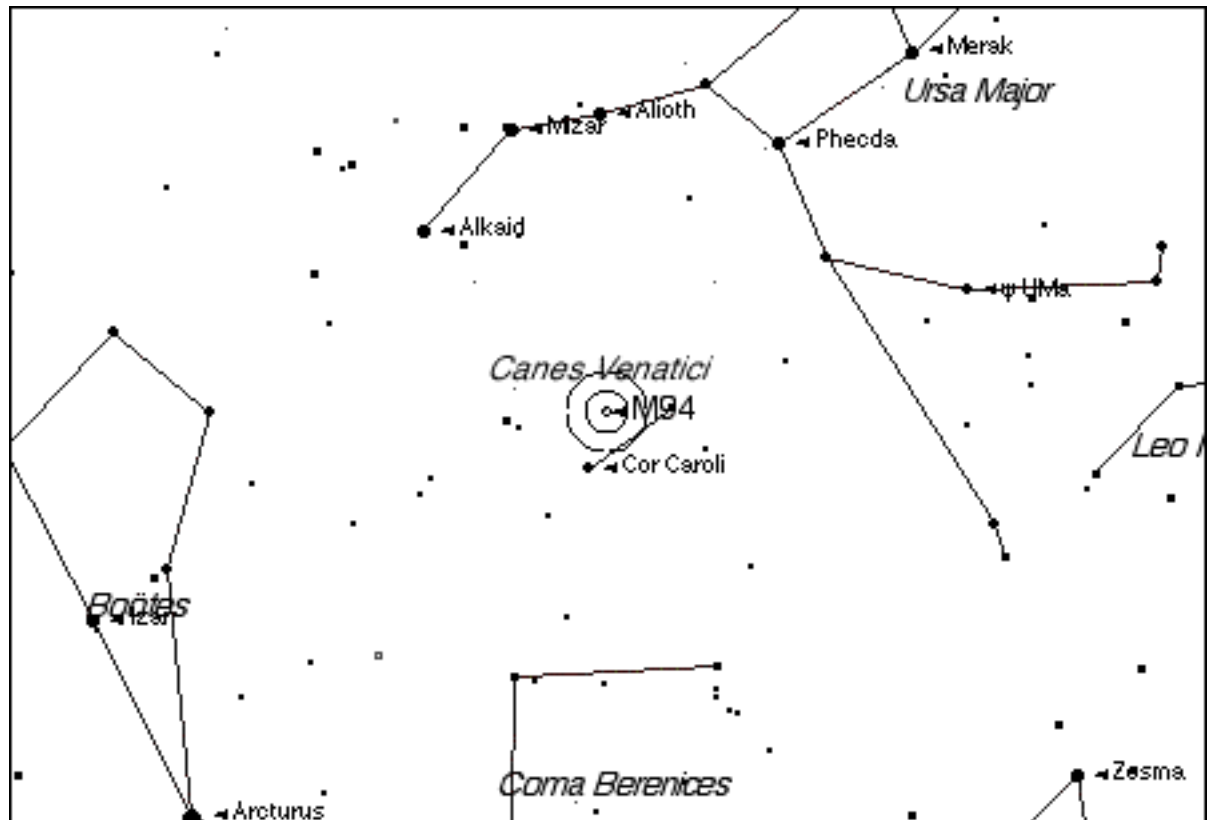
Sky Conditions Transparency

Seeing

Session Notes

Observing Notes

Star charts created by Starry Night Pro(TM) courtesy of Space.com Software



The Ultimate Messier Object Log

Messier # M095

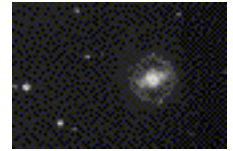
NGC 3351

Seen?

Date seen

Type Spiral Galaxy
Name (if any) N/A
Constellation Leo
Marathon Order # 28

Magnitude
11.0



RA 10h 43.9m **Dec** 11 42 **Size** 4.4x3.3

Sky Atlas 2000 page 13 **Other Chart Page(s)** (Enter page # from your favorite chart here.)

Binocular Difficulty T2

E=easy, T=tough, C=challenging / 7x50.
E2=easy, T2=tough, C2=challenging / 11x80.

Personal Viewing Notes

Viewing Time Comments

Observing Site

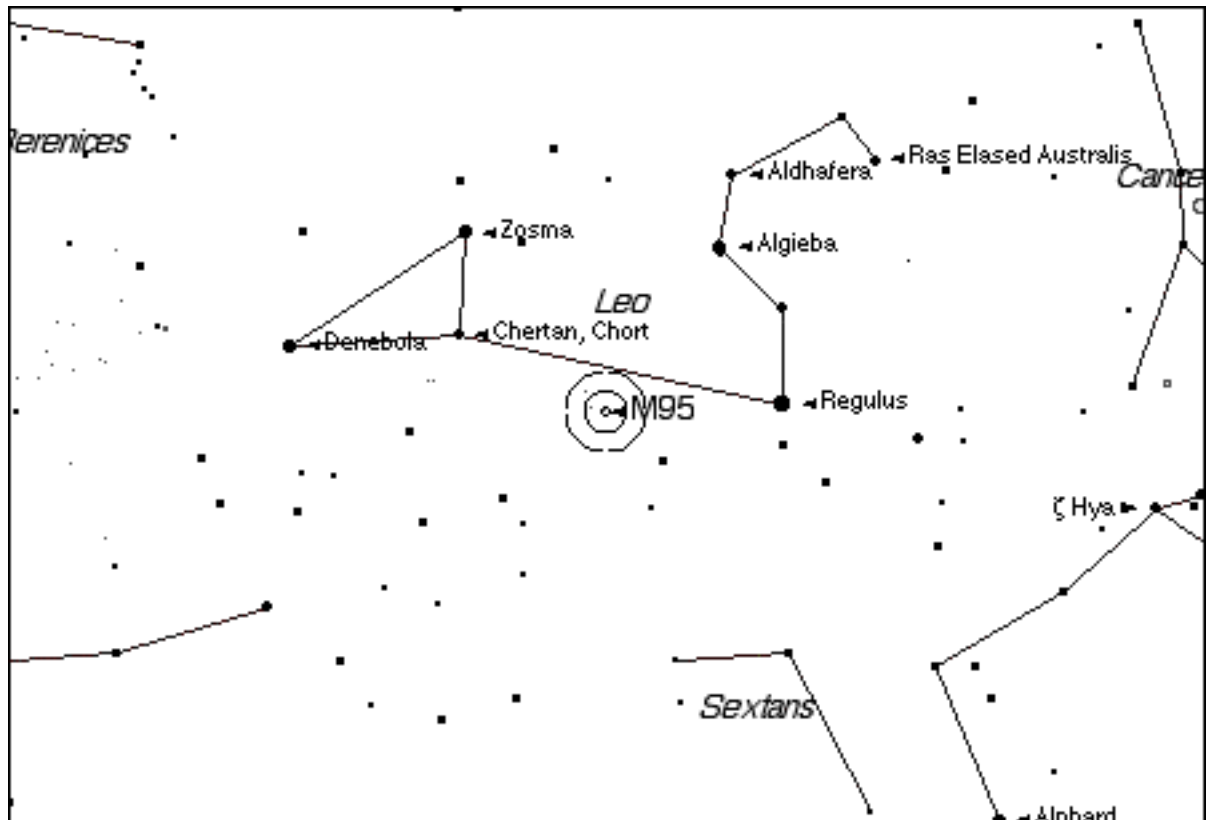
Equipment

Sky Conditions Transparency Seeing

Session Notes

Observing Notes

Star charts created by Starry Night Pro(TM) courtesy of Space.com Software



The Ultimate Messier Object Log

Messier # M096

NGC 3368

Seen?

Date seen

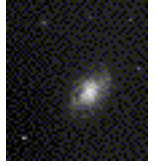
Type Spiral Galaxy

Magnitude

Name (if any) N/A

10.5

Constellation Leo



Marathon Order # 29

RA 10h 46.7m Dec 11 49

Size 6.0x4.0

Sky Atlas 2000 page 13

Other Chart Page(s)

(Enter page # from your favorite chart here.)

Binocular Difficulty T2

E=easy, T=tough, C=challenging / 7x50.

E2=easy, T2=tough, C2=challenging / 11x80.

Personal Viewing Notes

Viewing Time Comments

Observing Site

Equipment

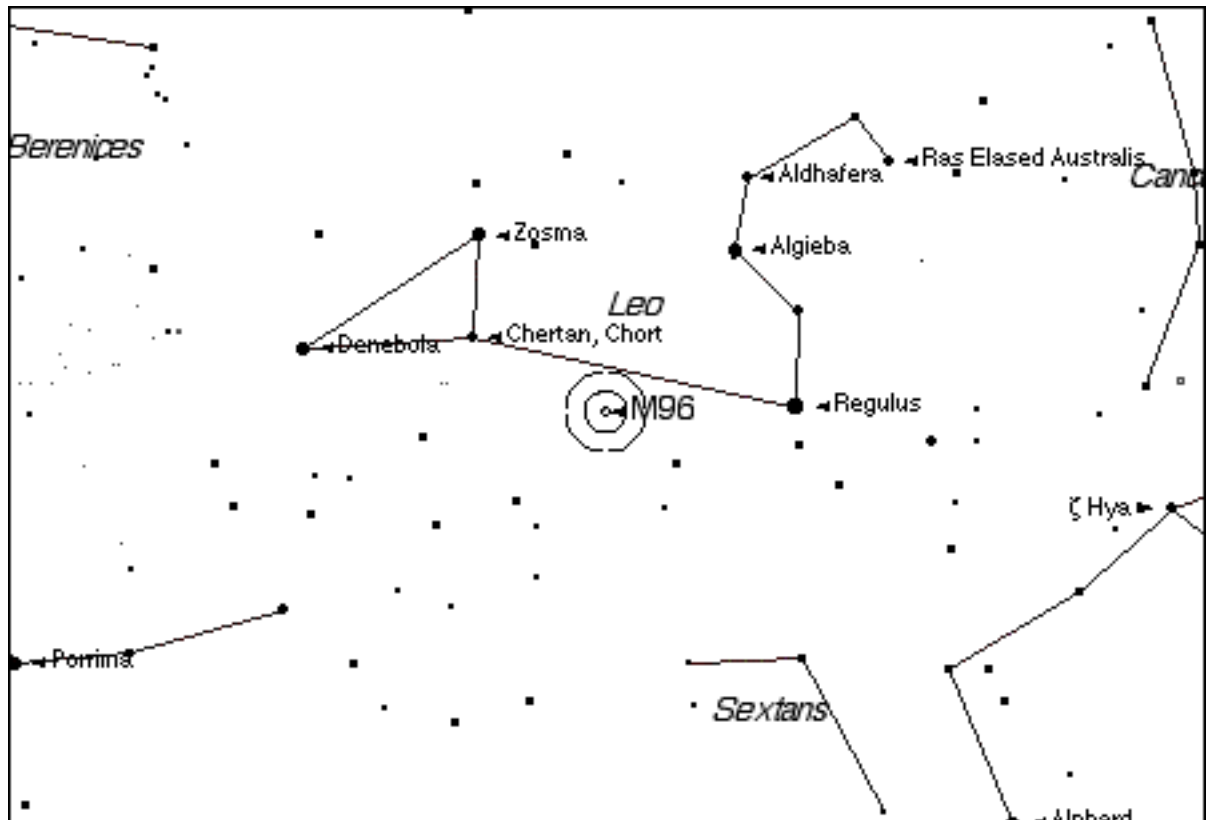
Sky Conditions Transparency

Seeing

Session Notes

Observing Notes

Star charts created by Starry Night Pro(TM) courtesy of Space.com Software



The Ultimate Messier Object Log

Messier # M097

NGC 3587

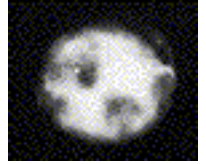
Seen?

Date seen

Type Planetary Nebula
Name (if any) Owl Nebula
Constellation Ursa Major
Marathon Order # 36

Magnitude

12.0



RA 11h 14.8m **Dec** 55 1

Size 3.4x3.3

Sky Atlas 2000 page 2

Other Chart Page(s)

(Enter page # from your favorite chart here.)

Binocular Difficulty C

E=easy, T=tough, C=challenging / 7x50.

E2=easy, T2=tough, C2=challenging / 11x80.

Personal Viewing Notes

Viewing Time Comments

Observing Site

Equipment

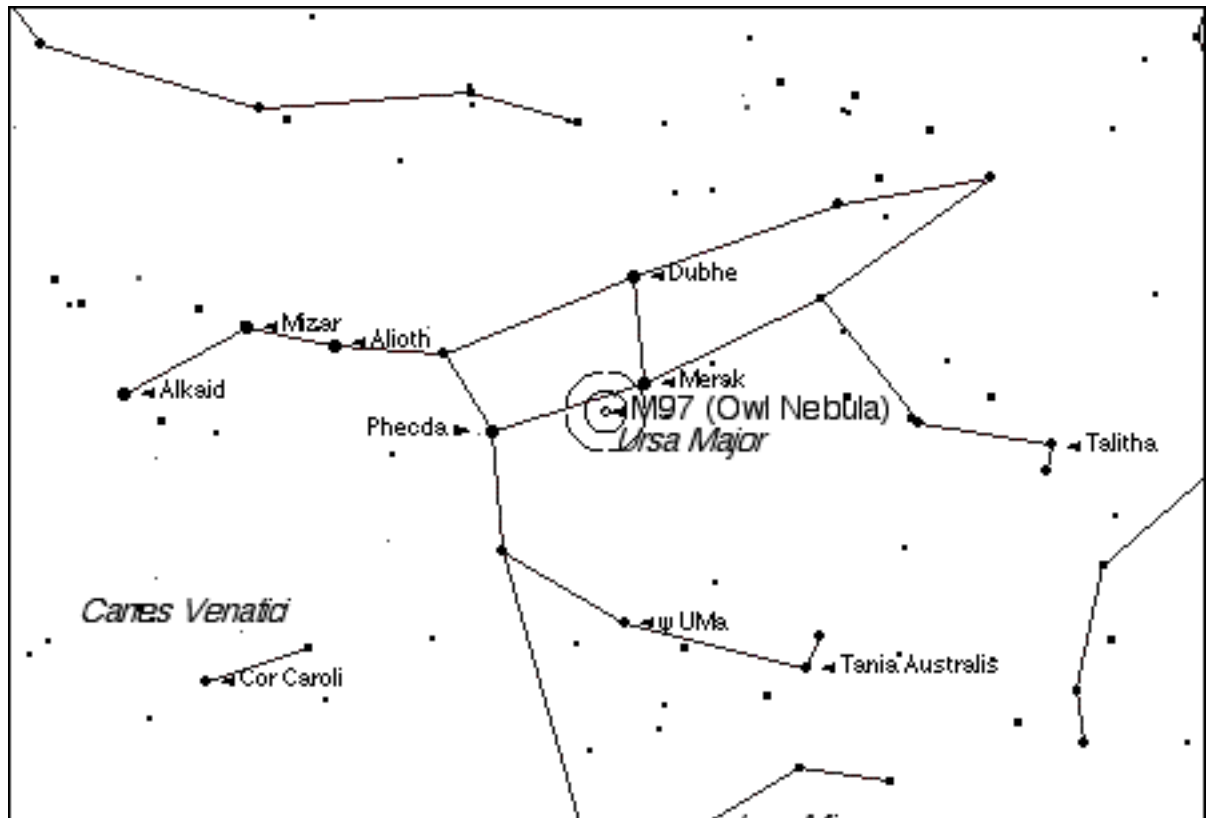
Sky Conditions Transparency

Seeing

Session Notes

Observing Notes

Star charts created by Starry Night Pro(TM) courtesy of Space.com Software



The Ultimate Messier Object Log

Messier # M098

NGC 4192

Seen?

Date seen

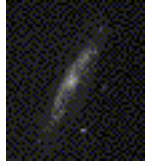
Type Spiral Galaxy

Magnitude

Name (if any) N/A

11.0

Constellation Coma Berenices



Marathon Order # 49

RA 12h 13.9m Dec 14 55

Size 9.5x3.2

Sky Atlas 2000 page 7

Other Chart Page(s)

(Enter page # from your favorite chart here.)

Binocular Difficulty C2

E=easy, T=tough, C=challenging / 7x50.

E2=easy, T2=tough, C2=challenging / 11x80.

Personal Viewing Notes

Viewing Time Comments

Observing Site

Equipment

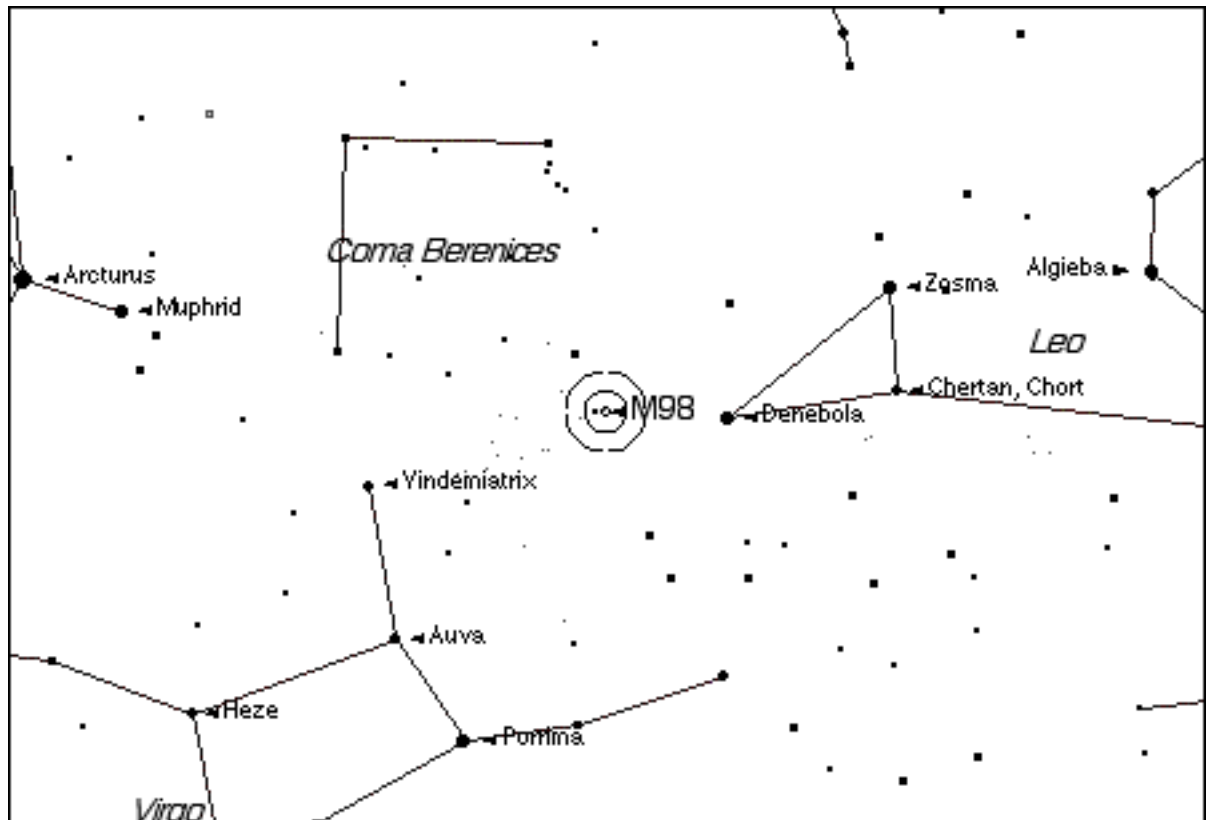
Sky Conditions Transparency

Seeing

Session Notes

Observing Notes

Star charts created by Starry Night Pro(TM) courtesy of Space.com Software



The Ultimate Messier Object Log

Messier # M099

NGC 4254

Seen?

Date seen

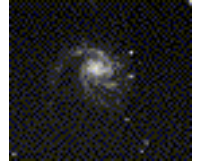
Type Spiral Galaxy

Magnitude

Name (if any) N/A

10.5

Constellation Coma Berenices



Marathon Order # 50

RA 12h 18.9m Dec 14 26

Size 5.4x4.8

Sky Atlas 2000 page 7

Other Chart Page(s)

(Enter page # from your favorite chart here.)

Binocular Difficulty T2

E=easy, T=tough, C=challenging / 7x50.

E2=easy, T2=tough, C2=challenging / 11x80.

Personal Viewing Notes

Viewing Time Comments

Observing Site

Equipment

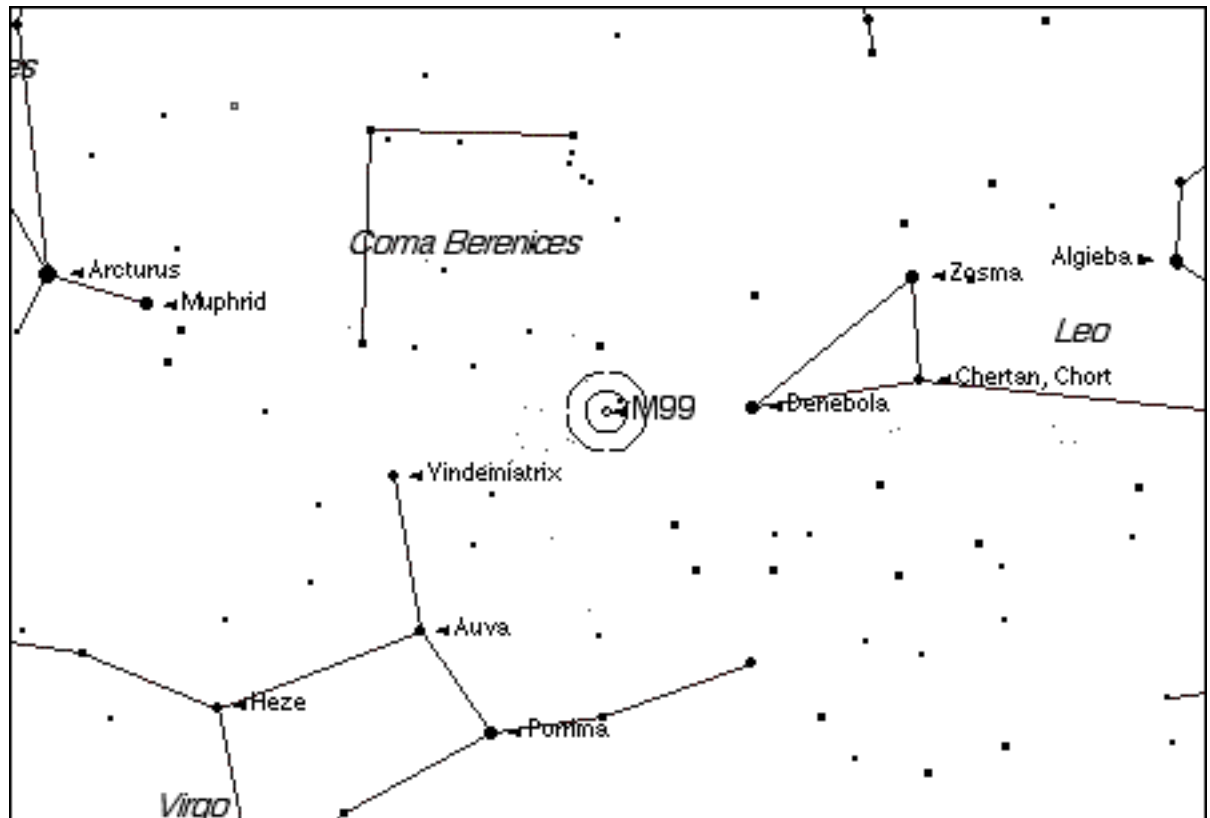
Sky Conditions Transparency

Seeing

Session Notes

Observing Notes

Star charts created by Starry Night Pro(TM) courtesy of Space.com Software



The Ultimate Messier Object Log

Messier # M100

NGC 4321

Seen?

Date seen

Type Spiral Galaxy

Magnitude

Name (if any) N/A

10.5

Constellation Coma Berenices



Marathon Order # 51

RA 12h 23.0m Dec 15 50

Size 7.0x6.0

Sky Atlas 2000 page 7

Other Chart Page(s)

(Enter page # from your favorite chart here.)

Binocular Difficulty C

E=easy, T=tough, C=challenging / 7x50.

E2=easy, T2=tough, C2=challenging / 11x80.

Personal Viewing Notes

Viewing Time Comments

Observing Site

Equipment

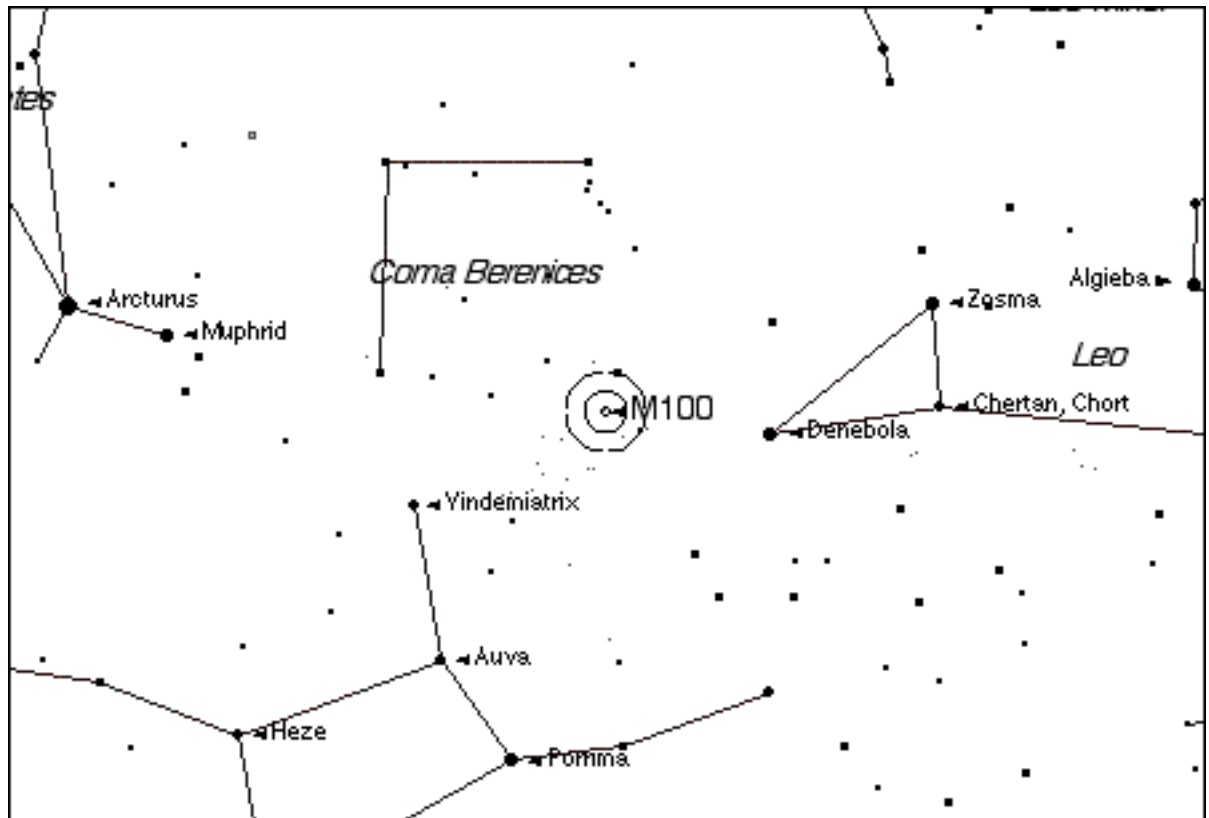
Sky Conditions Transparency

Seeing

Session Notes

Observing Notes

Star charts created by Starry Night Pro(TM) courtesy of Space.com Software



The Ultimate Messier Object Log

Messier # M101

NGC 5457

Seen?

Date seen

Type Spiral Galaxy
Name (if any) Pinwheel Galaxy
Constellation Ursa Major
Marathon Order # 44

Magnitude
8.5



RA 14h 3.3m **Dec** 54 22 **Size** 22.0

Sky Atlas 2000 page 2 **Other Chart Page(s)** (Enter page # from your favorite chart here.)

Binocular Difficulty C

E=easy, T=tough, C=challenging / 7x50.
E2=easy, T2=tough, C2=challenging / 11x80.

Personal Viewing Notes

Viewing Time Comments

Observing Site

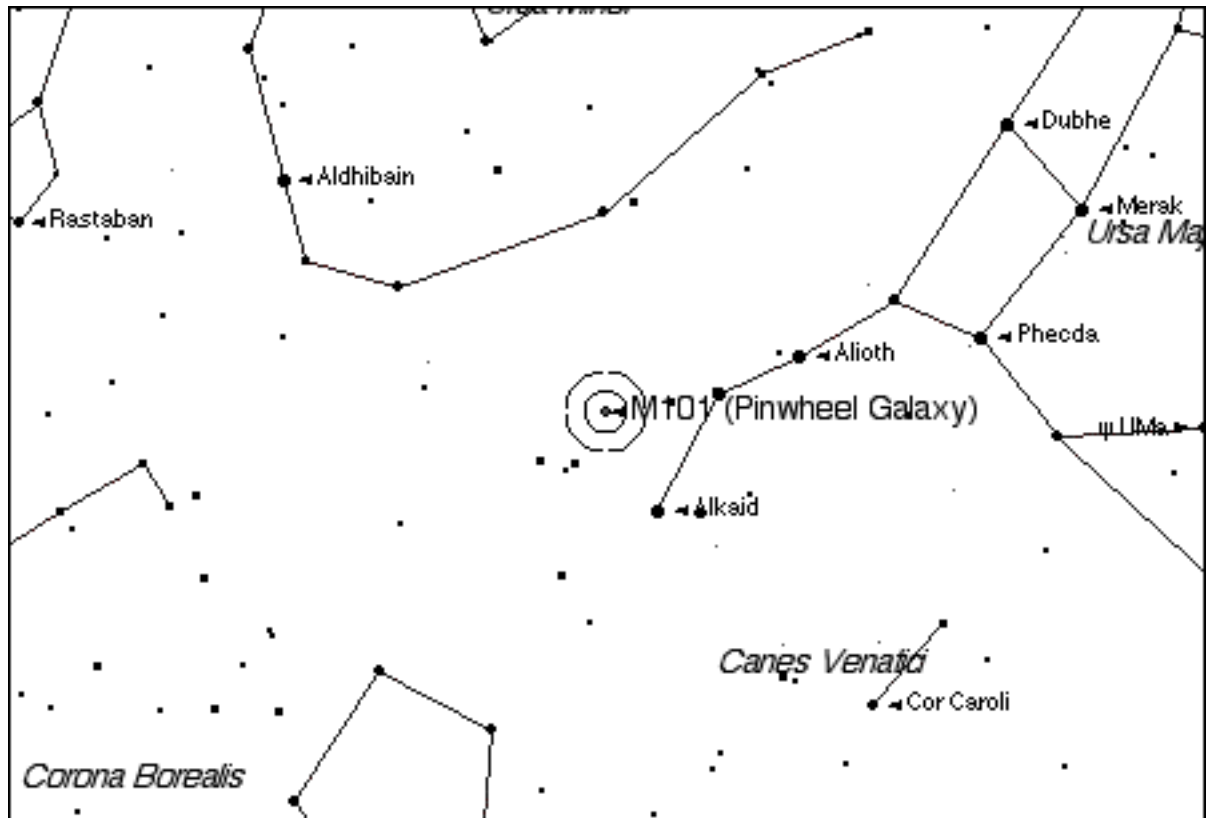
Equipment

Sky Conditions **Transparency** **Seeing**

Session Notes

Observing Notes

Star charts created by Starry Night Pro(TM) courtesy of Space.com Software



The Ultimate Messier Object Log

Messier # M102

NGC 5866

Seen?

Date seen

Type Lenticular (S0) Galaxy

Magnitude

Name (if any) Spindle Galaxy

10.5

Constellation Draco



Marathon Order # 45

RA 15h 6.5m

Dec 55 45

Size 5.2x2.3

Sky Atlas 2000 page

Other Chart Page(s)

(Enter page # from your favorite chart here.)

Binocular Difficulty C2

E=easy, T=tough, C=challenging / 7x50.

E2=easy, T2=tough, C2=challenging / 11x80.

Personal Viewing Notes

Viewing Time Comments

Observing Site

Equipment

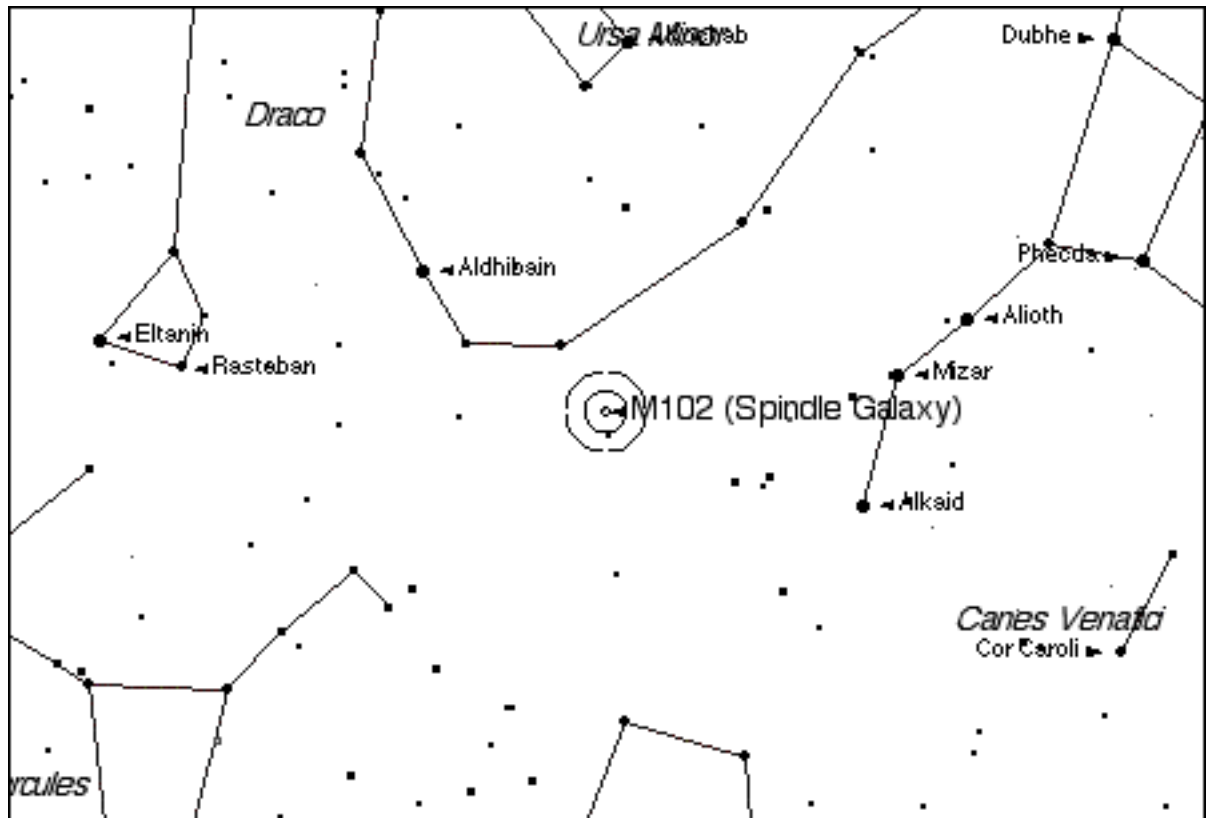
Sky Conditions Transparency

Seeing

Session Notes

Observing Notes

Star charts created by Starry Night Pro(TM) courtesy of Space.com Software



The Ultimate Messier Object Log

Messier # M103

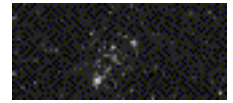
NGC 0581

Seen?

Date seen

Type Open Cluster
Name (if any) N/A
Constellation Cassiopeia
Marathon Order # 8

Magnitude
7.0



RA 1h 33.2m **Dec** 60 42 **Size** 6.0

Sky Atlas 2000 page 1 **Other Chart Page(s)** (Enter page # from your favorite chart here.)

Binocular Difficulty E

E=easy, T=tough, C=challenging / 7x50.
E2=easy, T2=tough, C2=challenging / 11x80.

Personal Viewing Notes

Viewing Time Comments

Observing Site

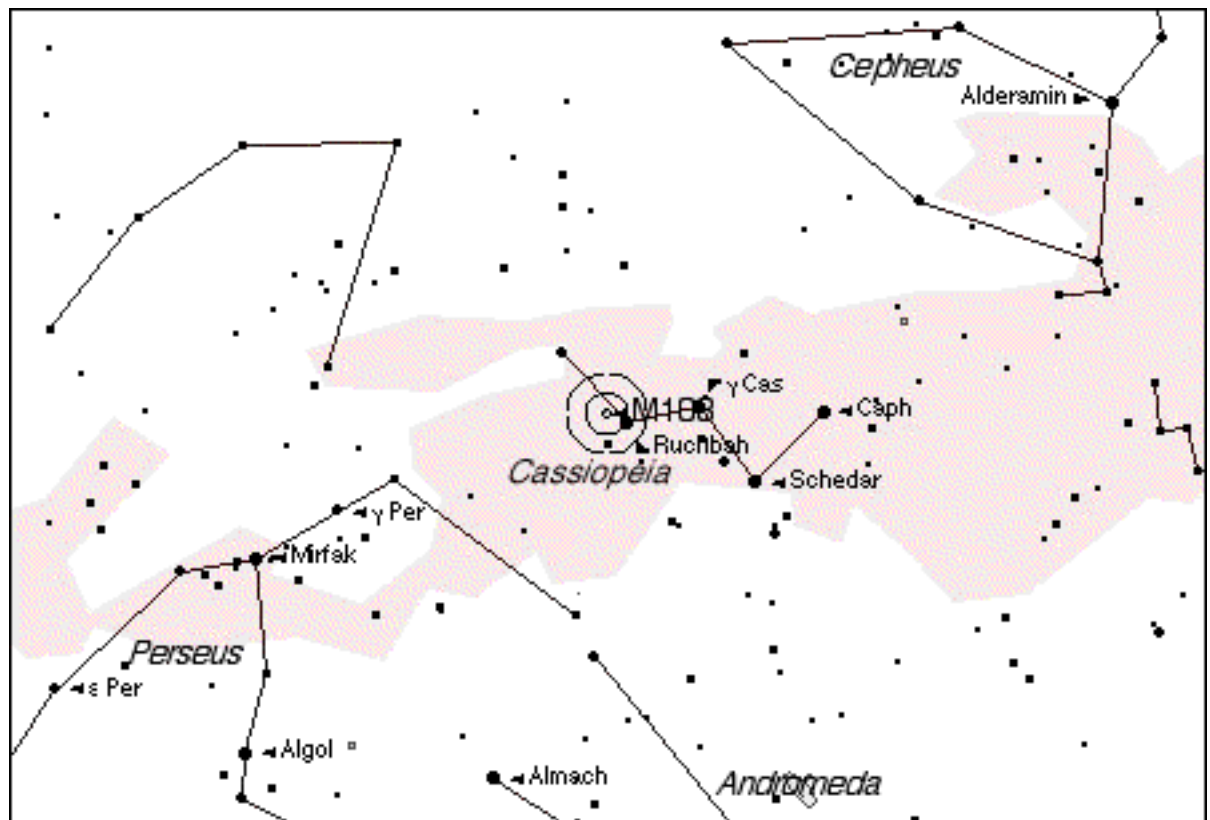
Equipment

Sky Conditions **Transparency** **Seeing**

Session Notes

Observing Notes

Star charts created by Starry Night Pro(TM) courtesy of Space.com Software



The Ultimate Messier Object Log

Messier # M104

NGC 4594

Seen?

Date seen

Type Spiral Galaxy
Name (if any) Sombrero Galaxy
Constellation Virgo
Marathon Order # 65

Magnitude
9.5



RA 12h 39.9m **Dec** -11 37 **Size** 9.0x4.0

Sky Atlas 2000 page 13 **Other Chart Page(s)** (Enter page # from your favorite chart here.)

Binocular Difficulty C

E=easy, T=tough, C=challenging / 7x50.
E2=easy, T2=tough, C2=challenging / 11x80.

Personal Viewing Notes

Viewing Time Comments

Observing Site

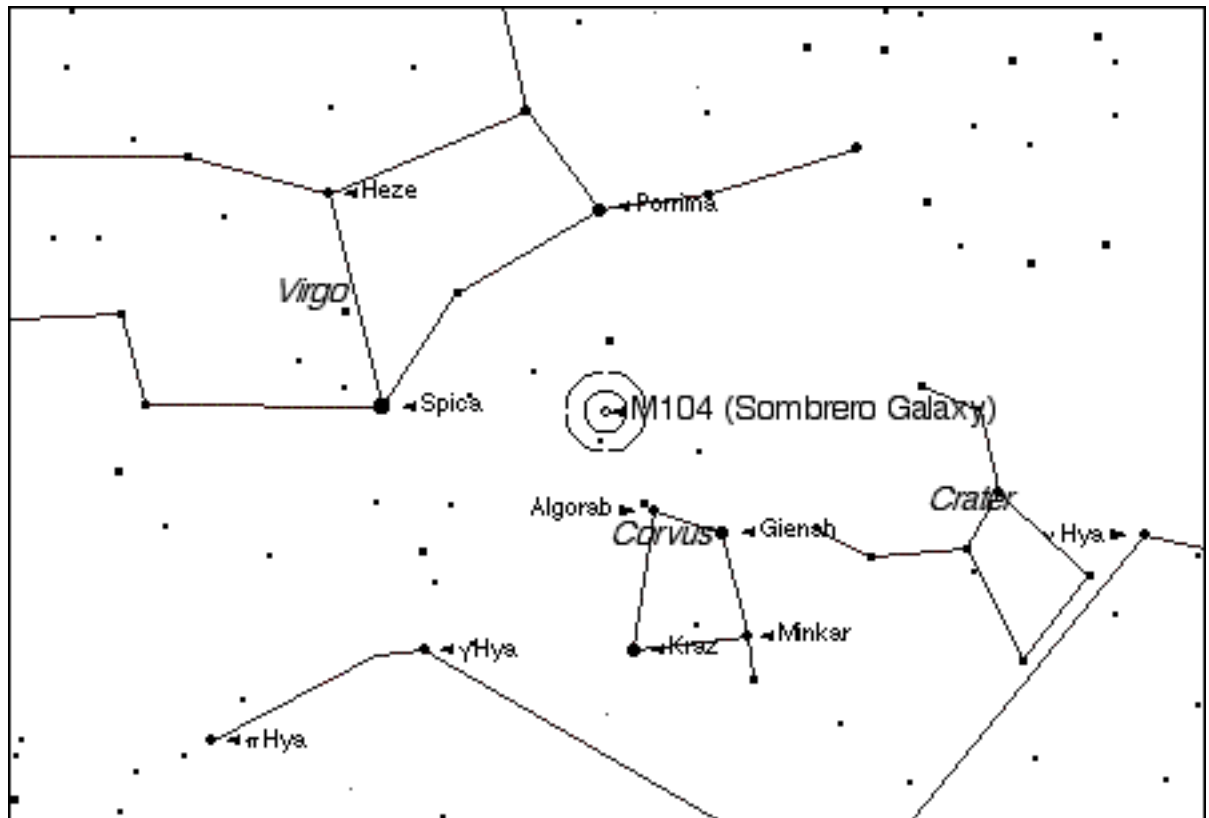
Equipment

Sky Conditions Transparency Seeing

Session Notes

Observing Notes

Star charts created by Starry Night Pro(TM) courtesy of Space.com Software



The Ultimate Messier Object Log

Messier # M105

NGC 3379

Seen?

Date seen

Type Elliptical Galaxy

Magnitude

Name (if any) N/A

11.0

Constellation Leo



Marathon Order # 31

RA 10h 47.8m

Dec 12 35

Size 2.0

Sky Atlas 2000 page 13

Other Chart Page(s)

(Enter page # from your favorite chart here.)

Binocular Difficulty T2

E=easy, T=tough, C=challenging / 7x50.

E2=easy, T2=tough, C2=challenging / 11x80.

Personal Viewing Notes

Viewing Time Comments

Observing Site

Equipment

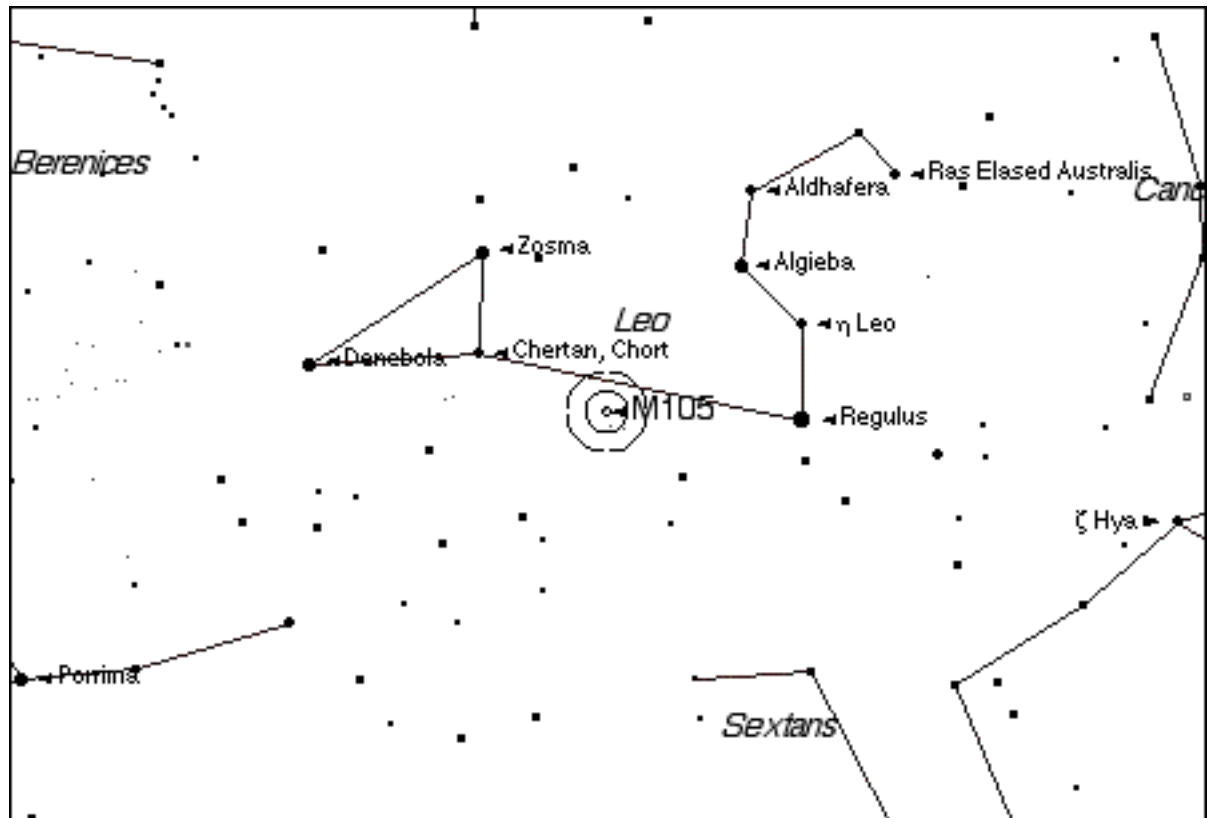
Sky Conditions Transparency

Seeing

Session Notes

Observing Notes

Star charts created by Starry Night Pro(TM) courtesy of Space.com Software



The Ultimate Messier Object Log

Messier # M106

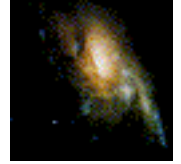
NGC 4258

Seen?

Date seen

Type Spiral Galaxy
Name (if any) N/A
Constellation Ursa Major
Marathon Order # 40

Magnitude
9.5



RA 12h 18.9m **Dec** 47 19 **Size** 19.0x8.0

Sky Atlas 2000 page 2 **Other Chart Page(s)** (Enter page # from your favorite chart here.)

Binocular Difficulty C

E=easy, T=tough, C=challenging / 7x50.
E2=easy, T2=tough, C2=challenging / 11x80.

Personal Viewing Notes

Viewing Time Comments

Observing Site

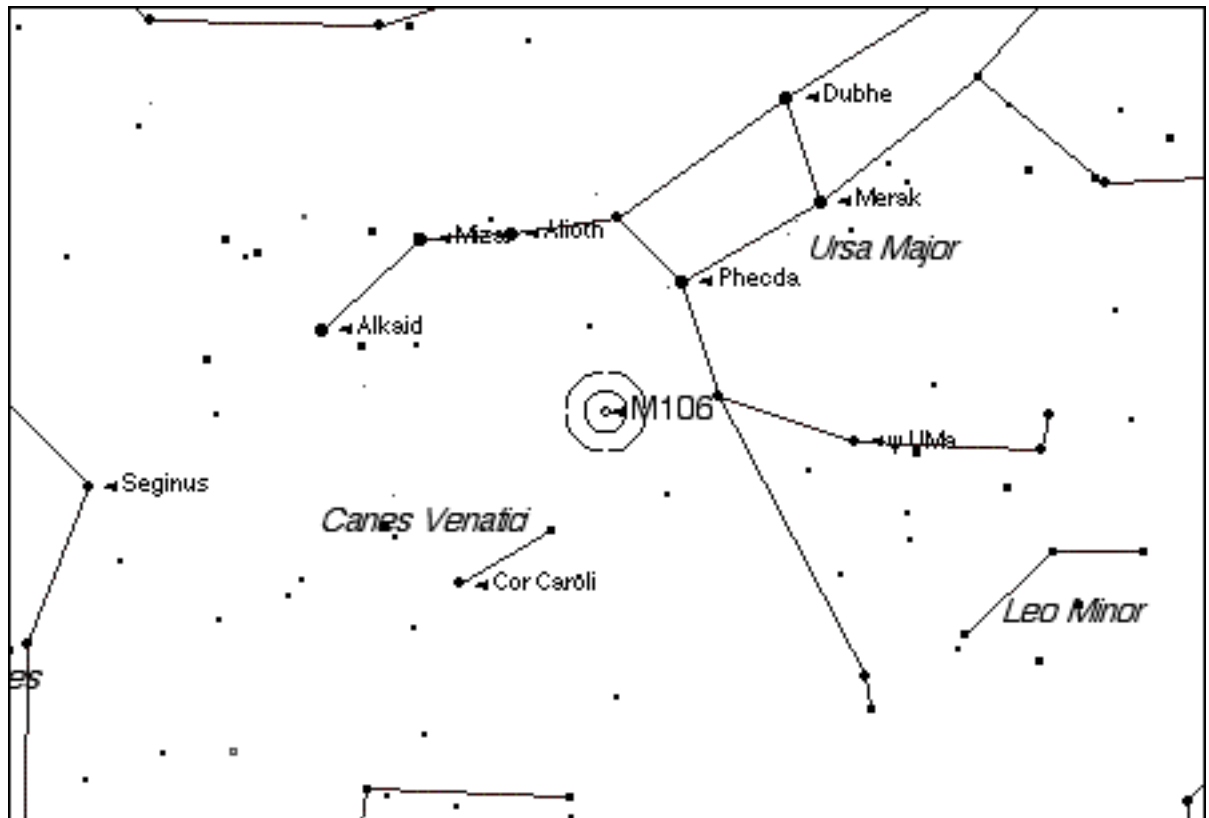
Equipment

Sky Conditions **Transparency** **Seeing**

Session Notes

Observing Notes

Star charts created by Starry Night Pro(TM) courtesy of Space.com Software



The Ultimate Messier Object Log

Messier # M107

NGC 6171

Seen?

Date seen

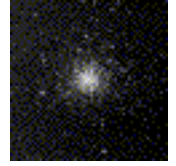
Type Globular Cluster

Magnitude

Name (if any) N/A

10.0

Constellation Ophiucus



Marathon Order # 77

RA 16h 32.5m Dec -13 3

Size 10.0

Sky Atlas 2000 page 15

Other Chart Page(s)

(Enter page # from your favorite chart here.)

Binocular Difficulty T2

E=easy, T=tough, C=challenging / 7x50.

E2=easy, T2=tough, C2=challenging / 11x80.

Personal Viewing Notes

Viewing Time Comments

Observing Site

Equipment

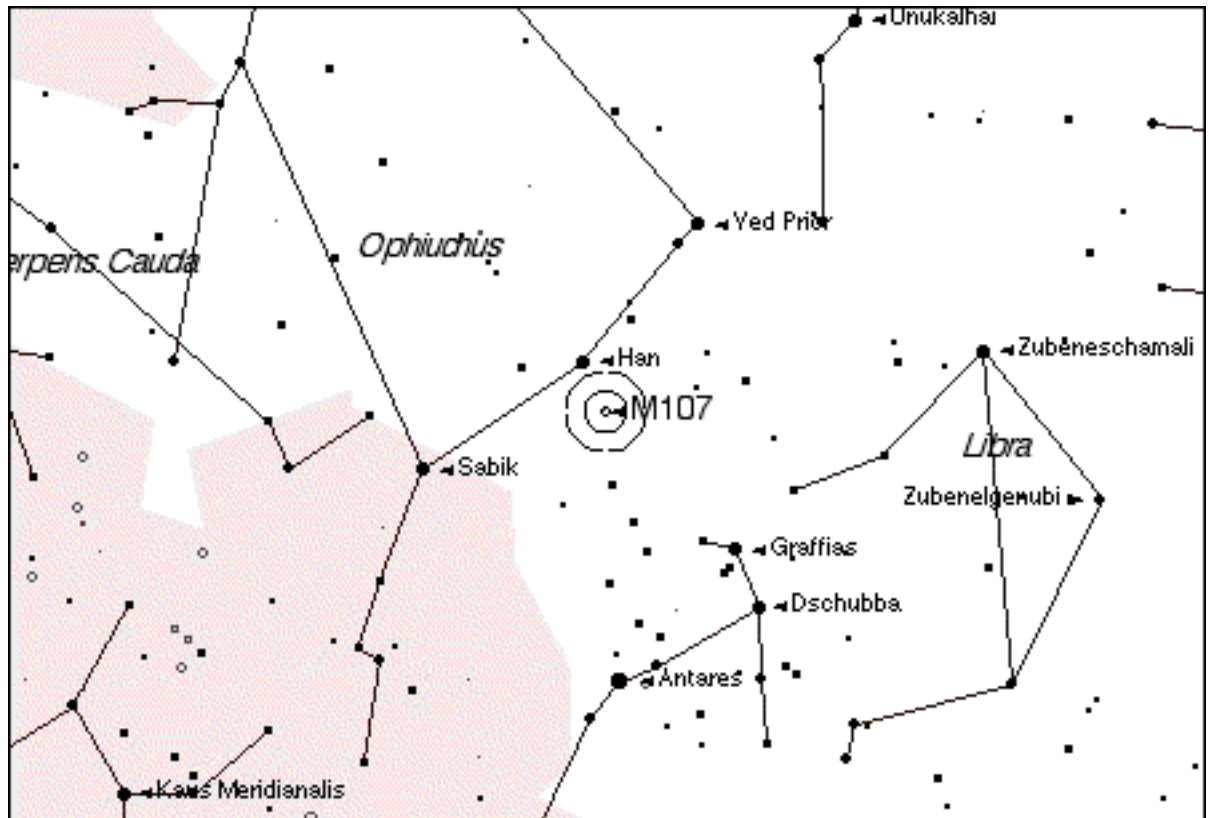
Sky Conditions Transparency

Seeing

Session Notes

Observing Notes

Star charts created by Starry Night Pro(TM) courtesy of Space.com Software



The Ultimate Messier Object Log

Messier # M108

NGC 3556

Seen?

Date seen

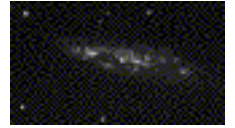
Type Spiral Galaxy

Magnitude

Name (if any) N/A

11.0

Constellation Ursa Major



Marathon Order # 37

RA 11h 11.6m Dec 55 41

Size 8.0x1.0

Sky Atlas 2000 page 2

Other Chart Page(s)

(Enter page # from your favorite chart here.)

Binocular Difficulty T2

E=easy, T=tough, C=challenging / 7x50.

E2=easy, T2=tough, C2=challenging / 11x80.

Personal Viewing Notes

Viewing Time Comments

Observing Site

Equipment

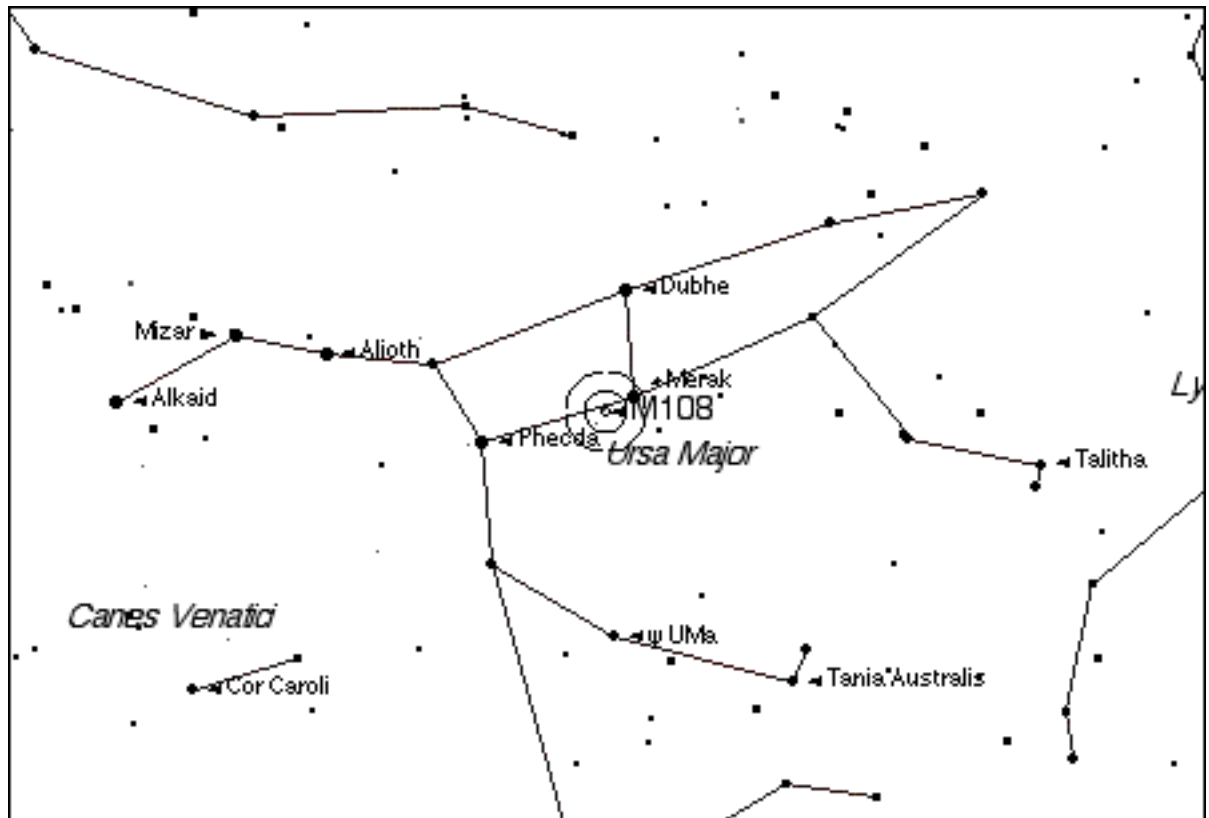
Sky Conditions Transparency

Seeing

Session Notes

Observing Notes

Star charts created by Starry Night Pro(TM) courtesy of Space.com Software



The Ultimate Messier Object Log

Messier # M109

NGC 3992

Seen?

Date seen

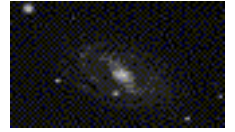
Type Spiral Galaxy

Magnitude

Name (if any) N/A

11.0

Constellation Ursa Major



Marathon Order # 38

RA 11h 57.6m Dec 53 23

Size 7.0x4.0

Sky Atlas 2000 page 2

Other Chart Page(s)

(Enter page # from your favorite chart here.)

Binocular Difficulty T2

E=easy, T=tough, C=challenging / 7x50.

E2=easy, T2=tough, C2=challenging / 11x80.

Personal Viewing Notes

Viewing Time Comments

Observing Site

Equipment

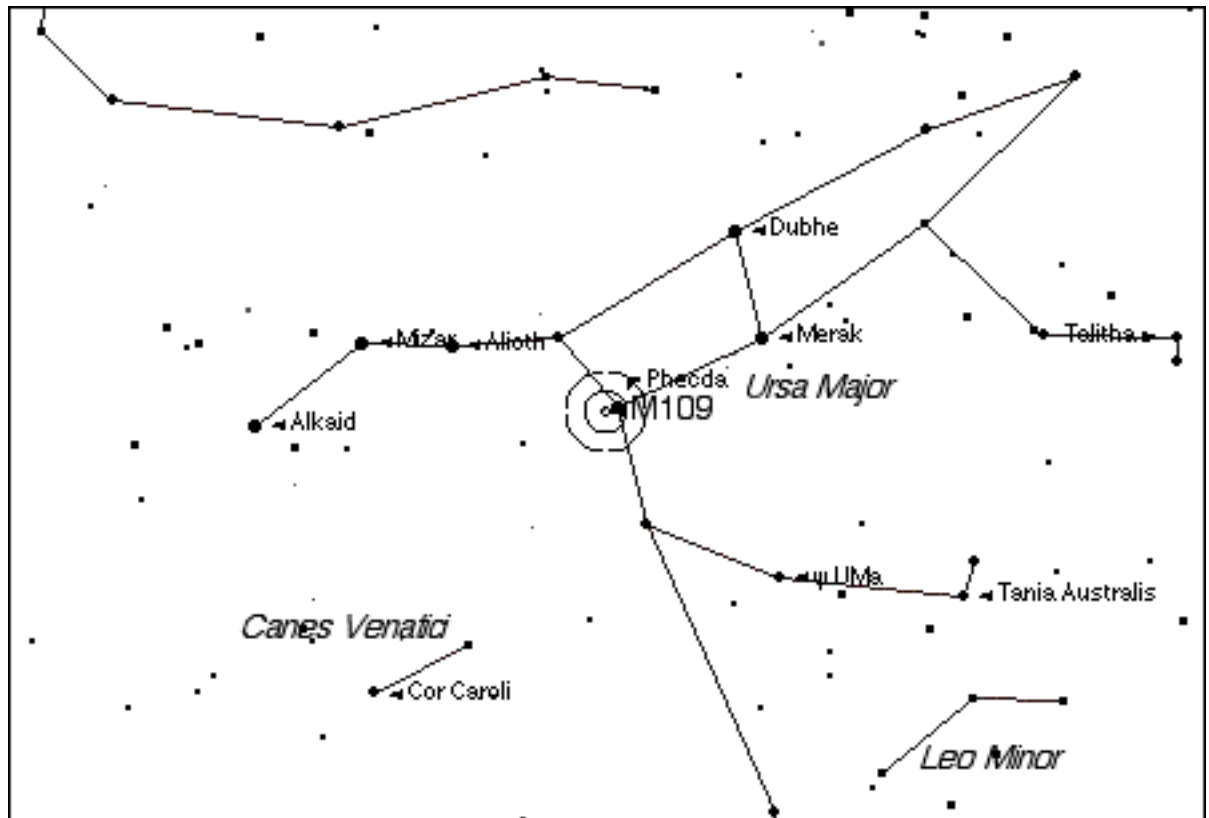
Sky Conditions Transparency

Seeing

Session Notes

Observing Notes

Star charts created by Starry Night Pro(TM) courtesy of Space.com Software



The Ultimate Messier Object Log

Messier # M110

NGC 0205

Seen?

Date seen

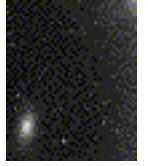
Type Elliptical Galaxy

Magnitude

Name (if any) Satellite of M31

10.0

Constellation Andromeda



Marathon Order # 6

RA 0h 40.4m

Dec 41 41

Size 17.0x10.0

Sky Atlas 2000 page 4

Other Chart Page(s)

(Enter page # from your favorite chart here.)

Binocular Difficulty C2

E=easy, T=tough, C=challenging / 7x50.

E2=easy, T2=tough, C2=challenging / 11x80.

Personal Viewing Notes

Viewing Time Comments

Observing Site

Equipment

Sky Conditions

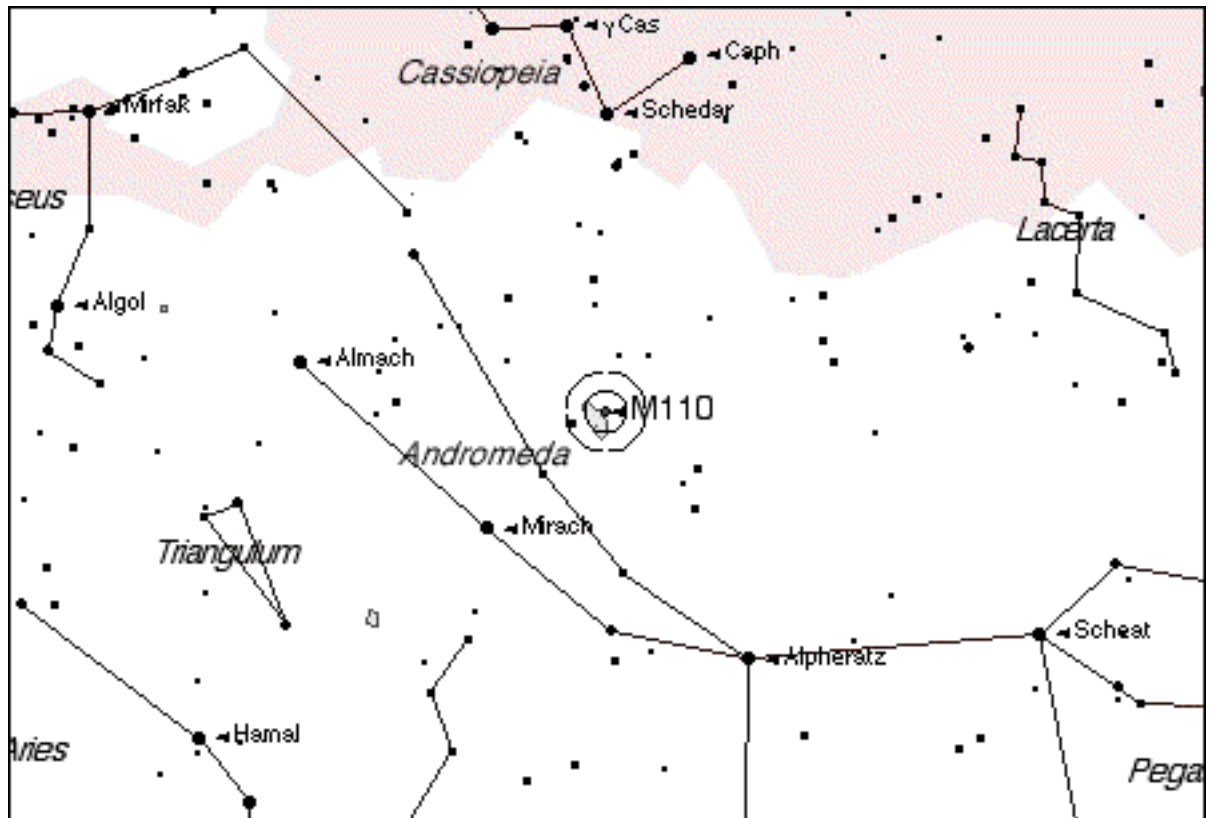
Transparency

Seeing


Session Notes

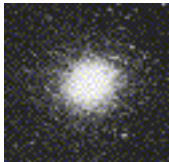
Observing Notes

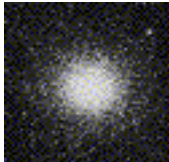
Star charts created by Starry Night Pro(TM) courtesy of Space.com Software

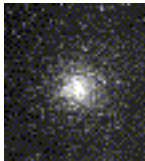


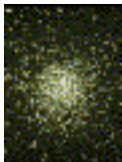
The Ultimate Messier Object Log

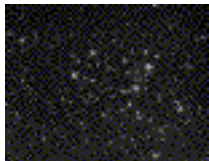
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	Constellation Taurus		8.4

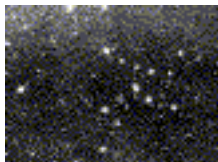
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	Type Globular Cluster		
	Name (if any) N/A		Magnitude
	Constellation Aquarius		6.5

	Messier # M003	NGC 5272	Seen? <input type="checkbox"/>
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	Type Globular Cluster		
	Name (if any) N/A		Magnitude
	Constellation Canes Venatici		6.4


	Messier # M004	NGC 6121	Seen? <input type="checkbox"/>
			Date seen
	Type Globular Cluster		
	Name (if any) N/A		Magnitude
	Constellation Scorpio		5.9


	Messier # M005	NGC 5904	Seen? <input type="checkbox"/>
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	Type Globular Cluster		
	Name (if any) N/A		Magnitude
	Constellation Serpens Caput		5.8

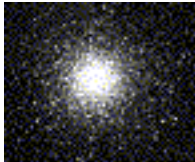
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	Name (if any) Butterfly Cluster		Magnitude
	Constellation Scorpius		4.2

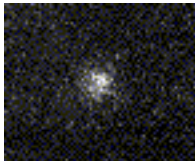
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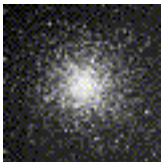
The Ultimate Messier Object Log

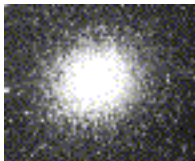
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	Name (if any) Lagoon Nebula		Magnitude
	Constellation Sagittarius		5.0

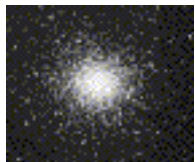
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	Name (if any) N/A		Magnitude
	Constellation Ophiucus		7.9

	Messier # M010	NGC 6254	Seen? <input type="checkbox"/>
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	Name (if any) N/A		Magnitude
	Constellation Ophiucus		6.6

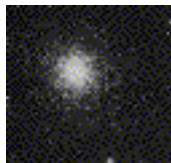


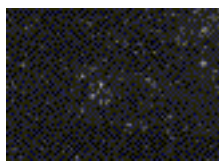
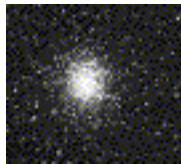
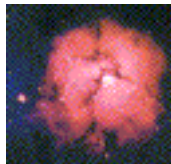
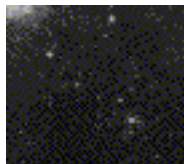
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	Type Open Cluster		
	Name (if any) Wild Duck Cluster		Magnitude
	Constellation Scutum		5.8

	Messier # M012	NGC 6218	Seen? <input type="checkbox"/>
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	Type Globular Cluster		
	Name (if any) N/A		Magnitude
	Constellation Ophiucus		6.6

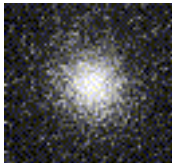
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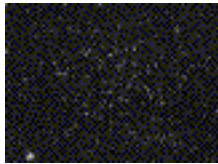
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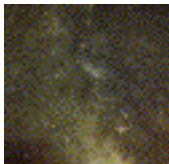
The Ultimate Messier Object Log

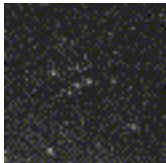
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	Constellation Pegasus		6.4
	Messier # M016	NGC 6611	Seen? <input type="checkbox"/>
	Type Open Cluster		Date seen
	Name (if any) Eagle Nebula Cluster		Magnitude
	Constellation Serpens Claudia		6.5
	Messier # M017	NGC 6618	Seen? <input type="checkbox"/>
	Type Diffuse Nebula		Date seen
	Name (if any) Omega, Swan, Horseshoe Nebula		Magnitude
	Constellation Sagittarius		7.0
	Messier # M018	NGC 6613	Seen? <input type="checkbox"/>
	Type Open Cluster		Date seen
	Name (if any) N/A		Magnitude
	Constellation Sagittarius		8.0
	Messier # M019	NGC 6273	Seen? <input type="checkbox"/>
	Type Globular Cluster		Date seen
	Name (if any) N/A		Magnitude
	Constellation Ophiucus		8.5
	Messier # M020	NGC 6514	Seen? <input type="checkbox"/>
	Type Diffuse Nebula		Date seen
	Name (if any) Trifid Nebula		Magnitude
	Constellation Sagittarius		5.0
	Messier # M021	NGC 6531	Seen? <input type="checkbox"/>
	Type Open Cluster		Date seen
	Name (if any) N/A		Magnitude
	Constellation Sagittarius		7.0

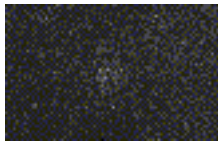
The Ultimate Messier Object Log


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	Constellation Sagittarius		6.5

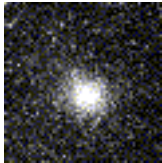
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	Name (if any) N/A		Magnitude
	Constellation Sagittarius		6.0

	Messier # M024	NGC 6603	Seen? <input type="checkbox"/>
			Date seen
	Type Star Cloud		
	Name (if any) Milky Way Patch		Magnitude
	Constellation Sagittarius		11.5

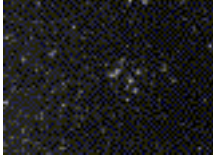
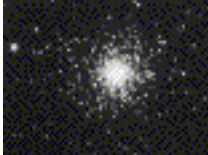



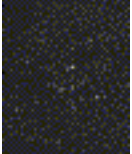
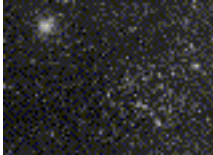
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	Type Open Cluster		
	Name (if any) N/A		Magnitude
	Constellation Sagittarius		4.9

	Messier # M026	NGC 6694	Seen? <input type="checkbox"/>
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	Type Open Cluster		
	Name (if any) N/A		Magnitude
	Constellation Scutum		9.5

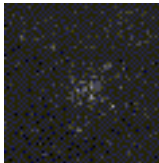
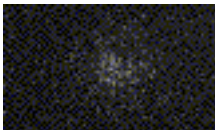
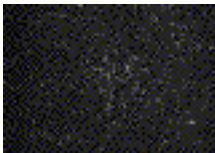
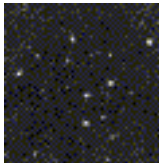
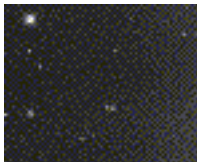
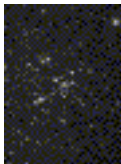

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	Type Planetary Nebula		
	Name (if any) Dumbbell Nebula		Magnitude
	Constellation Vulpecula		7.5

	Messier # M028	NGC 6626	Seen? <input type="checkbox"/>
			Date seen
	Type Globular Cluster		
	Name (if any) N/A		Magnitude
	Constellation Sagittarius		8.5

The Ultimate Messier Object Log

	Messier # M029	NGC 6913	Seen? <input type="checkbox"/>
			Date seen
	Type Open Cluster		
	Name (if any) N/A		Magnitude
	Constellation Cygnus		9.0
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			Date seen
	Type Globular Cluster		
	Name (if any) N/A		Magnitude
	Constellation Capricornus		8.5
	Messier # M031	NGC 0224	Seen? <input type="checkbox"/>
			Date seen
	Type Spiral Galaxy		
	Name (if any) Andromeda Galaxy		Magnitude
	Constellation Andromeda		4.5
	Messier # M032	NGC 0221	Seen? <input type="checkbox"/>
			Date seen
	Type Elliptical Galaxy		
	Name (if any) Satellite of M31		Magnitude
	Constellation Andromeda		10.0
	Messier # M033	NGC 0598	Seen? <input type="checkbox"/>
			Date seen
	Type Spiral Galaxy		
	Name (if any) Triangulum (also Pinwheel) Galaxy		Magnitude
	Constellation Triangulum		7.0
	Messier # M034	NGC 1039	Seen? <input type="checkbox"/>
			Date seen
	Type Open Cluster		
	Name (if any) N/A		Magnitude
	Constellation Perseus		6.0
	Messier # M035	NGC 2168	Seen? <input type="checkbox"/>
			Date seen
	Type Open Cluster		
	Name (if any) N/A		Magnitude
	Constellation Gemini		5.5


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	<p>Messier # M036</p> <p><i>Type</i> Open Cluster</p> <p><i>Name (if any)</i> N/A</p> <p><i>Constellation</i> Auriga</p>	<p>NGC 1960</p> <p><i>Date seen</i></p>	<p><i>Seen?</i> <input type="checkbox"/></p> <p><i>Magnitude</i> 6.5</p>
	<p>Messier # M037</p> <p><i>Type</i> Open Cluster</p> <p><i>Name (if any)</i> N/A</p> <p><i>Constellation</i> Auriga</p>	<p>NGC 2099</p> <p><i>Date seen</i></p>	<p><i>Seen?</i> <input type="checkbox"/></p> <p><i>Magnitude</i> 6.0</p>
	<p>Messier # M038</p> <p><i>Type</i> Open Cluster</p> <p><i>Name (if any)</i> N/A</p> <p><i>Constellation</i> Auriga</p>	<p>NGC 1922</p> <p><i>Date seen</i></p>	<p><i>Seen?</i> <input type="checkbox"/></p> <p><i>Magnitude</i> 7.0</p>
	<p>Messier # M039</p> <p><i>Type</i> Open Cluster</p> <p><i>Name (if any)</i> N/A</p> <p><i>Constellation</i> Cygnus</p>	<p>NGC 7092</p> <p><i>Date seen</i></p>	<p><i>Seen?</i> <input type="checkbox"/></p> <p><i>Magnitude</i> 5.5</p>
	<p>Messier # M040</p> <p><i>Type</i> Double Star</p> <p><i>Name (if any)</i> Winecke 4</p> <p><i>Constellation</i> Ursa Major</p>	<p>NGC 7092</p> <p><i>Date seen</i></p>	<p><i>Seen?</i> <input type="checkbox"/></p> <p><i>Magnitude</i> 9.0</p>
	<p>Messier # M041</p> <p><i>Type</i> Open Cluster</p> <p><i>Name (if any)</i> N/A</p> <p><i>Constellation</i> Canis Major</p>	<p>NGC 2287</p> <p><i>Date seen</i></p>	<p><i>Seen?</i> <input type="checkbox"/></p> <p><i>Magnitude</i> 5.0</p>
	<p>Messier # M042</p> <p><i>Type</i> Diffuse Nebula</p> <p><i>Name (if any)</i> Great Orion Nebula</p> <p><i>Constellation</i> Orion</p>	<p>NGC 1976</p> <p><i>Date seen</i></p>	<p><i>Seen?</i> <input type="checkbox"/></p> <p><i>Magnitude</i> 5.0</p>

The Ultimate Messier Object Log

	Messier # M043	NGC 1982	Seen? <input type="checkbox"/>
			Date seen
	Type Diffuse Nebula		
	Name (if any) de Mairan's Nebula		Magnitude
	Constellation Orion		7.0

	Messier # M044	NGC 2632	Seen? <input type="checkbox"/>
			Date seen
	Type Open Cluster		
	Name (if any) Beehive Cluster (Praesepe)		Magnitude
	Constellation Cancer		4.0

	Messier # M045	NGC 1432	Seen? <input type="checkbox"/>
			Date seen
	Type Open Cluster		
	Name (if any) Pleiades, Subaru, Seven Sisters		Magnitude
	Constellation Taurus		1.4

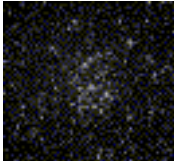
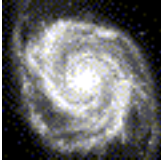
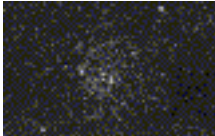
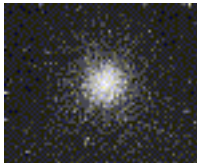

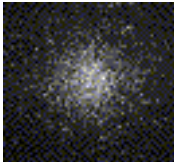
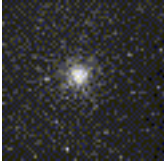
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	Type Open Cluster		
	Name (if any) N/A		Magnitude
	Constellation Puppis		6.5

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			Date seen
	Type Open Cluster		
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	Constellation Puppis		4.5

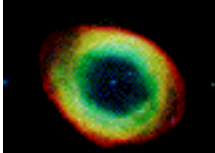


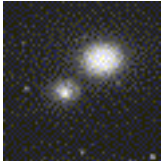
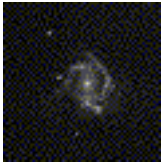
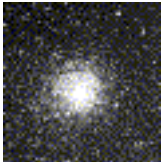
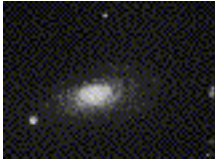
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			Date seen
	Type Open Cluster		
	Name (if any) N/A		Magnitude
	Constellation Hydra		5.5

	Messier # M049	NGC 4472	Seen? <input type="checkbox"/>
			Date seen
	Type Elliptical Galaxy		
	Name (if any) N/A		Magnitude
	Constellation Virgo		10.0

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	Messier # M050	NGC 2323	Seen? <input type="checkbox"/>
	Type Open Cluster		Date seen
	Name (if any) N/A		Magnitude
	Constellation Monocerus		7.0
	Messier # M051	NGC 5194	Seen? <input type="checkbox"/>
	Type Spiral Galaxy		Date seen
	Name (if any) Whirlpool Galaxy		Magnitude
	Constellation Ursa Major		8.0
	Messier # M052	NGC 7654	Seen? <input type="checkbox"/>
	Type Open Cluster		Date seen
	Name (if any) N/A		Magnitude
	Constellation Cassiopea		8.0
	Messier # M053	NGC 5024	Seen? <input type="checkbox"/>
	Type Globular Cluster		Date seen
	Name (if any) N/A		Magnitude
	Constellation Coma Berenices		8.5
	Messier # M054	NGC 6715	Seen? <input type="checkbox"/>
	Type Globular Cluster		Date seen
	Name (if any) N/A		Magnitude
	Constellation Sagittarius		8.5
	Messier # M055	NGC 6809	Seen? <input type="checkbox"/>
	Type Globular Cluster		Date seen
	Name (if any) N/A		Magnitude
	Constellation Sagittarius		7.0
	Messier # M056	NGC 6779	Seen? <input type="checkbox"/>
	Type Globular Cluster		Date seen
	Name (if any) N/A		Magnitude
	Constellation Lyra		9.5

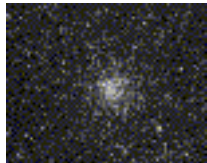
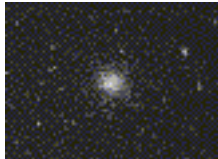
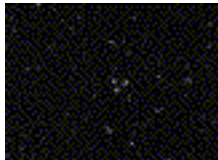
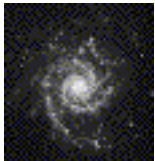
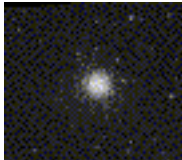
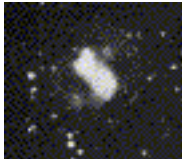
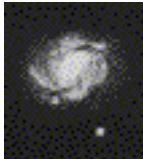
The Ultimate Messier Object Log

	Messier # M057 <i>Type</i> Planetary Nebula <i>Name (if any)</i> Ring Nebula <i>Constellation</i> Lyra	NGC 6720 <i>Date seen</i>	<i>Seen?</i> <input type="checkbox"/> <i>Magnitude</i> 9.5
	Messier # M058 <i>Type</i> Spiral Galaxy <i>Name (if any)</i> N/A <i>Constellation</i> Virgo	NGC 4579 <i>Date seen</i>	<i>Seen?</i> <input type="checkbox"/> <i>Magnitude</i> 11.0
	Messier # M059 <i>Type</i> Elliptical Galaxy <i>Name (if any)</i> N/A <i>Constellation</i> Virgo	NGC 4621 <i>Date seen</i>	<i>Seen?</i> <input type="checkbox"/> <i>Magnitude</i> 11.5
	Messier # M060 <i>Type</i> Elliptical Galaxy <i>Name (if any)</i> N/A <i>Constellation</i> Virgo	NGC 4649 <i>Date seen</i>	<i>Seen?</i> <input type="checkbox"/> <i>Magnitude</i> 10.5
	Messier # M061 <i>Type</i> Spiral Galaxy <i>Name (if any)</i> N/A <i>Constellation</i> Virgo	NGC 4303 <i>Date seen</i>	<i>Seen?</i> <input type="checkbox"/> <i>Magnitude</i> 10.5
	Messier # M062 <i>Type</i> Globular Cluster <i>Name (if any)</i> N/A <i>Constellation</i> Ophiucus	NGC 6266 <i>Date seen</i>	<i>Seen?</i> <input type="checkbox"/> <i>Magnitude</i> 8.0
	Messier # M063 <i>Type</i> Spiral Galaxy <i>Name (if any)</i> Sunflower Galaxy <i>Constellation</i> Canes Venatici	NGC 5055 <i>Date seen</i>	<i>Seen?</i> <input type="checkbox"/> <i>Magnitude</i> 8.5

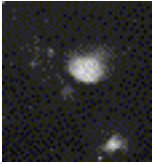
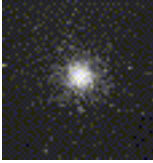

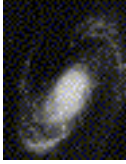



The Ultimate Messier Object Log

	Messier # M064	NGC 4826	Seen? <input type="checkbox"/>
			Date seen
	Type Spiral Galaxy		
	Name (if any) Blackeye Galaxy		Magnitude
	Constellation Coma Berenices		9.0
	Messier # M065	NGC 3623	Seen? <input type="checkbox"/>
			Date seen
	Type Spiral Galaxy		
	Name (if any) N/A		Magnitude
	Constellation Leo		10.5
	Messier # M066	NGC 3627	Seen? <input type="checkbox"/>
			Date seen
	Type Spiral Galaxy		
	Name (if any) N/A		Magnitude
	Constellation Leo		10.0
	Messier # M067	NGC 2628	Seen? <input type="checkbox"/>
			Date seen
	Type Open Cluster		
	Name (if any) N/A		Magnitude
	Constellation Cancer		7.5
	Messier # M068	NGC 4590	Seen? <input type="checkbox"/>
			Date seen
	Type Globular Cluster		
	Name (if any) N/A		Magnitude
	Constellation Hydra		9.0
	Messier # M069	NGC 6637	Seen? <input type="checkbox"/>
			Date seen
	Type Globular Cluster		
	Name (if any) N/A		Magnitude
	Constellation Sagittarius		9.0
	Messier # M070	NGC 6681	Seen? <input type="checkbox"/>
			Date seen
	Type Globular Cluster		
	Name (if any) N/A		Magnitude
	Constellation Sagittarius		9.0

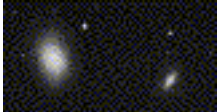
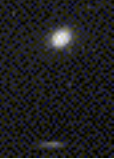

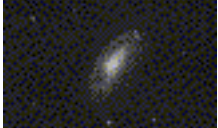
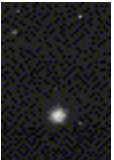
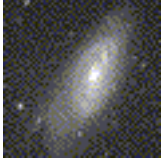
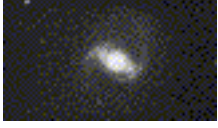
The Ultimate Messier Object Log

	<p>Messier # M071</p> <p><i>Type</i> Globular Cluster</p> <p><i>Name (if any)</i> N/A</p> <p><i>Constellation</i> Sagitta</p>	<p>NGC 6838</p> <p><i>Date seen</i></p>	<p><i>Seen?</i> <input type="checkbox"/></p> <p><i>Magnitude</i></p> <p>8.5</p>
	<p>Messier # M072</p> <p><i>Type</i> Globular Cluster</p> <p><i>Name (if any)</i> N/A</p> <p><i>Constellation</i> Aquarius</p>	<p>NGC 6981</p> <p><i>Date seen</i></p>	<p><i>Seen?</i> <input type="checkbox"/></p> <p><i>Magnitude</i></p> <p>10.0</p>
	<p>Messier # M073</p> <p><i>Type</i> Group/Asterism</p> <p><i>Name (if any)</i> N/A</p> <p><i>Constellation</i> Aquarius</p>	<p>NGC 6994</p> <p><i>Date seen</i></p>	<p><i>Seen?</i> <input type="checkbox"/></p> <p><i>Magnitude</i></p> <p>9.0</p>
	<p>Messier # M074</p> <p><i>Type</i> Spiral Galaxy</p> <p><i>Name (if any)</i> N/A</p> <p><i>Constellation</i> Pisces</p>	<p>NGC 0628</p> <p><i>Date seen</i></p>	<p><i>Seen?</i> <input type="checkbox"/></p> <p><i>Magnitude</i></p> <p>10.5</p>
	<p>Messier # M075</p> <p><i>Type</i> Globular Cluster</p> <p><i>Name (if any)</i> N/A</p> <p><i>Constellation</i> Sagittarius</p>	<p>NGC 6864</p> <p><i>Date seen</i></p>	<p><i>Seen?</i> <input type="checkbox"/></p> <p><i>Magnitude</i></p> <p>9.5</p>
	<p>Messier # M076</p> <p><i>Type</i> Planetary Nebula</p> <p><i>Name (if any)</i> Little Dumbell, Cork, Butterfly Nebula</p> <p><i>Constellation</i> Perseus</p>	<p>NGC 0650</p> <p><i>Date seen</i></p>	<p><i>Seen?</i> <input type="checkbox"/></p> <p><i>Magnitude</i></p> <p>12.0</p>
	<p>Messier # M077</p> <p><i>Type</i> Spiral Galaxy</p> <p><i>Name (if any)</i> N/A</p> <p><i>Constellation</i> Cetus</p>	<p>NGC 1068</p> <p><i>Date seen</i></p>	<p><i>Seen?</i> <input type="checkbox"/></p> <p><i>Magnitude</i></p> <p>10.5</p>

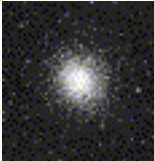
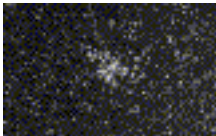
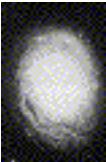
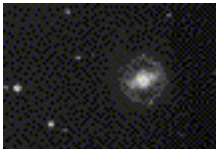
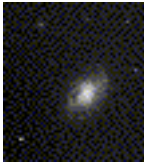
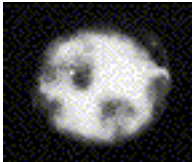
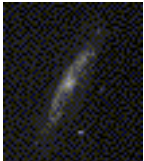
The Ultimate Messier Object Log

	Messier # M078	NGC 2068	Seen? <input type="checkbox"/>
			Date seen
	Type Diffuse Nebula		
	Name (if any) N/A		Magnitude
	Constellation Orion		8.0
	Messier # M079	NGC 1904	Seen? <input type="checkbox"/>
			Date seen
	Type Globular Cluster		
	Name (if any) N/A		Magnitude
	Constellation Lepus		8.5
	Messier # M080	NGC 6093	Seen? <input type="checkbox"/>
			Date seen
	Type Globular Cluster		
	Name (if any) N/A		Magnitude
	Constellation Scorpius		8.5
	Messier # M081	NGC 3031	Seen? <input type="checkbox"/>
			Date seen
	Type Spiral Galaxy		
	Name (if any) Bode's Galaxy - 1/2 of Double Galaxy		Magnitude
	Constellation Ursa Major		8.5
	Messier # M082	NGC 3034	Seen? <input type="checkbox"/>
			Date seen
	Type Irregular Galaxy		
	Name (if any) Cigar Galaxy - 1/2 of Double Galaxy		Magnitude
	Constellation Ursa Major		9.5
	Messier # M083	NGC 5236	Seen? <input type="checkbox"/>
			Date seen
	Type Spiral Galaxy		
	Name (if any) Small Pinwheel Galaxy		Magnitude
	Constellation Hydra		8.5
	Messier # M084	NGC 4374	Seen? <input type="checkbox"/>
			Date seen
	Type Lenticular (S0) Galaxy		
	Name (if any) N/A		Magnitude
	Constellation Virgo		11.0


The Ultimate Messier Object Log

	Messier # M085	NGC 4382	Seen? <input type="checkbox"/>
			Date seen
	Type Lenticular (S0) Galaxy		
	Name (if any) N/A		Magnitude
	Constellation Coma Berenices		10.5
	Messier # M086	NGC 4406	Seen? <input type="checkbox"/>
			Date seen
	Type Lenticular (S0) Galaxy		
	Name (if any) N/A		Magnitude
	Constellation Virgo		11.0
	Messier # M087	NGC 4486	Seen? <input type="checkbox"/>
			Date seen
	Type Elliptical Galaxy		
	Name (if any) Virgo A		Magnitude
	Constellation Virgo		11.0
	Messier # M088	NGC 4501	Seen? <input type="checkbox"/>
			Date seen
	Type Spiral Galaxy		
	Name (if any) N/A		Magnitude
	Constellation Coma Berenices		11.0
	Messier # M089	NGC 4552	Seen? <input type="checkbox"/>
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	Type Elliptical Galaxy		
	Name (if any) N/A		Magnitude
	Constellation Virgo		11.5
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			Date seen
	Type Spiral Galaxy		
	Name (if any) N/A		Magnitude
	Constellation Virgo		11.0
	Messier # M091	NGC 4548	Seen? <input type="checkbox"/>
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	Type Spiral Galaxy		
	Name (if any) N/A		Magnitude
	Constellation Coma Berenices		11.5


The Ultimate Messier Object Log

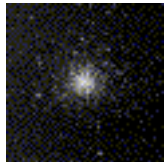
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	Name (if any) N/A		Magnitude
	Constellation Hercules		7.5
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	Type Open Cluster		Date seen
	Name (if any) N/A		Magnitude
	Constellation Puppis		6.5
	Messier # M094	NGC 4736	Seen? <input type="checkbox"/>
	Type Spiral Galaxy		Date seen
	Name (if any) N/A		Magnitude
	Constellation Canes Venatici		9.5
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	Type Spiral Galaxy		Date seen
	Name (if any) N/A		Magnitude
	Constellation Leo		11.0
	Messier # M096	NGC 3368	Seen? <input type="checkbox"/>
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	Name (if any) N/A		Magnitude
	Constellation Leo		10.5
	Messier # M097	NGC 3587	Seen? <input type="checkbox"/>
	Type Planetary Nebula		Date seen
	Name (if any) Owl Nebula		Magnitude
	Constellation Ursa Major		12.0
	Messier # M098	NGC 4192	Seen? <input type="checkbox"/>
	Type Spiral Galaxy		Date seen
	Name (if any) N/A		Magnitude
	Constellation Coma Berenices		11.0

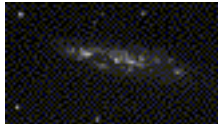
The Ultimate Messier Object Log

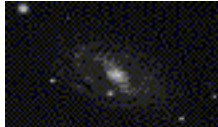
	Messier # M099	NGC 4254	Seen? <input type="checkbox"/>
	Type Spiral Galaxy		Date seen
	Name (if any) N/A		Magnitude
	Constellation Coma Berenices		10.5
	Messier # M100	NGC 4321	Seen? <input type="checkbox"/>
	Type Spiral Galaxy		Date seen
	Name (if any) N/A		Magnitude
	Constellation Coma Berenices		10.5
	Messier # M101	NGC 5457	Seen? <input type="checkbox"/>
	Type Spiral Galaxy		Date seen
	Name (if any) Pinwheel Galaxy		Magnitude
	Constellation Ursa Major		8.5
	Messier # M102	NGC 5866	Seen? <input type="checkbox"/>
	Type Lenticular (S0) Galaxy		Date seen
	Name (if any) Spindle Galaxy		Magnitude
	Constellation Draco		10.5
	Messier # M103	NGC 0581	Seen? <input type="checkbox"/>
	Type Open Cluster		Date seen
	Name (if any) N/A		Magnitude
	Constellation Cassiopeia		7.0
	Messier # M104	NGC 4594	Seen? <input type="checkbox"/>
	Type Spiral Galaxy		Date seen
	Name (if any) Sombrero Galaxy		Magnitude
	Constellation Virgo		9.5
	Messier # M105	NGC 3379	Seen? <input type="checkbox"/>
	Type Elliptical Galaxy		Date seen
	Name (if any) N/A		Magnitude
	Constellation Leo		11.0

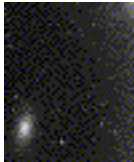
The Ultimate Messier Object Log

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	Type Spiral Galaxy		Date seen
	Name (if any) N/A		Magnitude
	Constellation Ursa Major		9.5

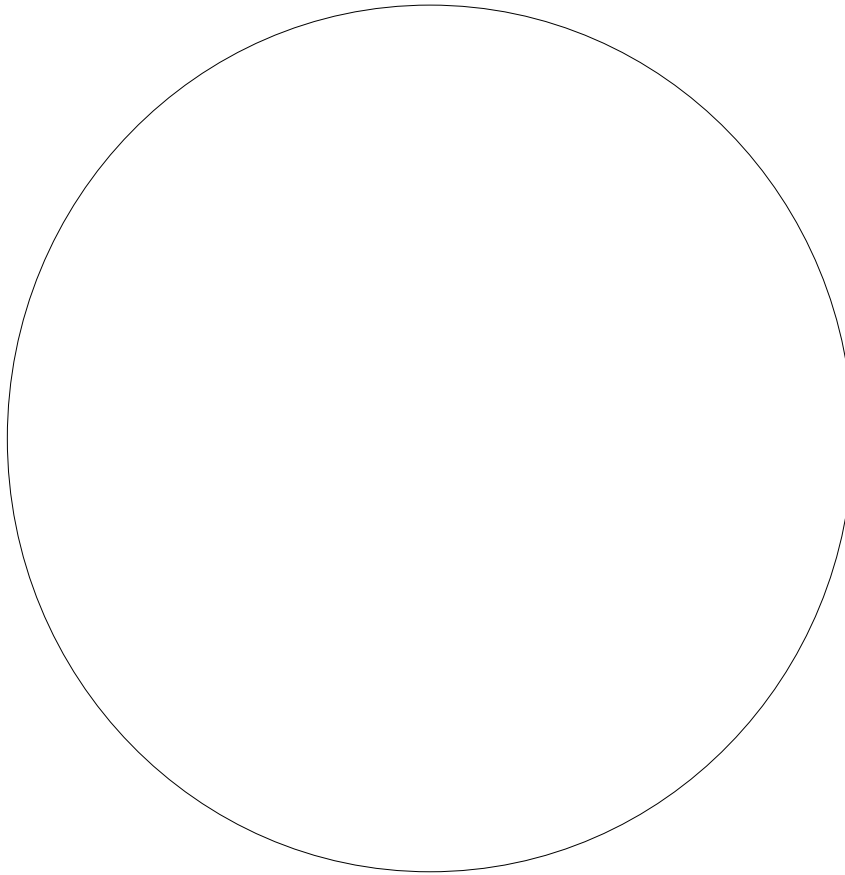
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	Name (if any) N/A		Magnitude
	Constellation Ophiucus		10.0

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	Type Spiral Galaxy		Date seen
	Name (if any) N/A		Magnitude
	Constellation Ursa Major		11.0

	Messier # M109	NGC 3992	Seen? <input type="checkbox"/>
	Type Spiral Galaxy		Date seen
	Name (if any) N/A		Magnitude
	Constellation Ursa Major		11.0

	Messier # M110	NGC 0205	Seen? <input type="checkbox"/>
	Type Elliptical Galaxy		Date seen
	Name (if any) Satellite of M31		Magnitude
	Constellation Andromeda		10.0

The Ultimate Messier Object Log - Sketch View



Messier # M001

NGC 1952

Magnitude 8.4

Type Supernova remnant

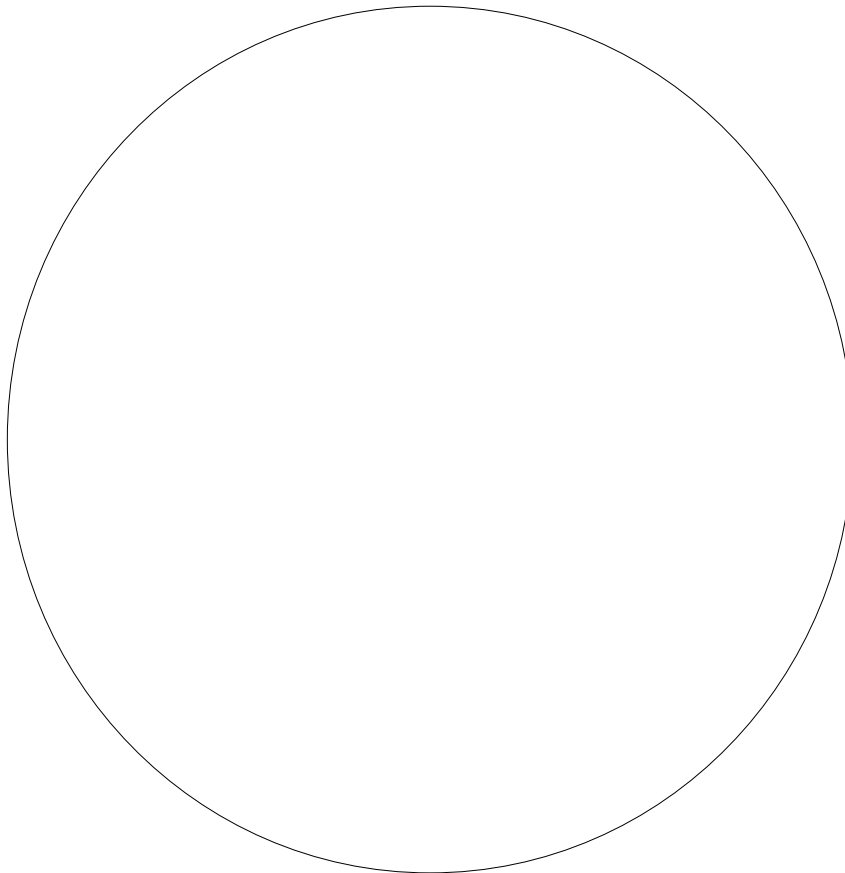
Name (if any) Crab Nebula

Constellation Taurus

Date seen

Seen?

Session Notes



Messier # M002

NGC 7089

Magnitude 6.5

Type Globular Cluster

Name (if any) N/A

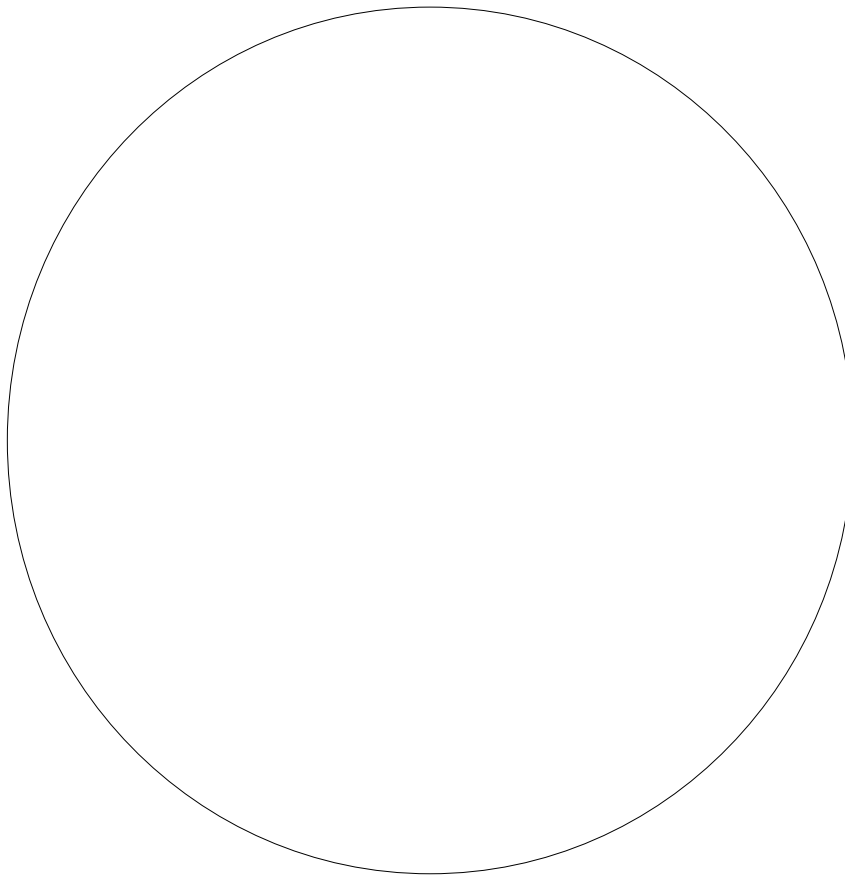
Constellation Aquarius

Date seen

Seen?

Session Notes

The Ultimate Messier Object Log - Sketch View



Messier # M003

NGC 5272

Magnitude 6.4

Type Globular Cluster

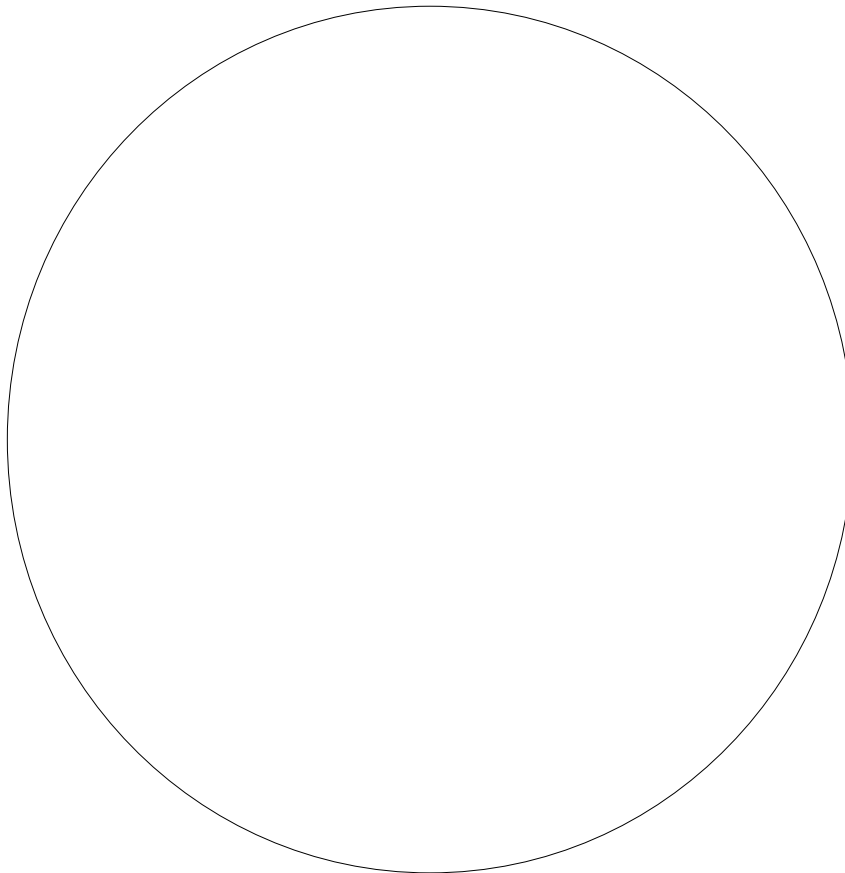
Name (if any) N/A

Constellation Canes Venatici

Date seen

Seen?

Session Notes



Messier # M004

NGC 6121

Magnitude 5.9

Type Globular Cluster

Name (if any) N/A

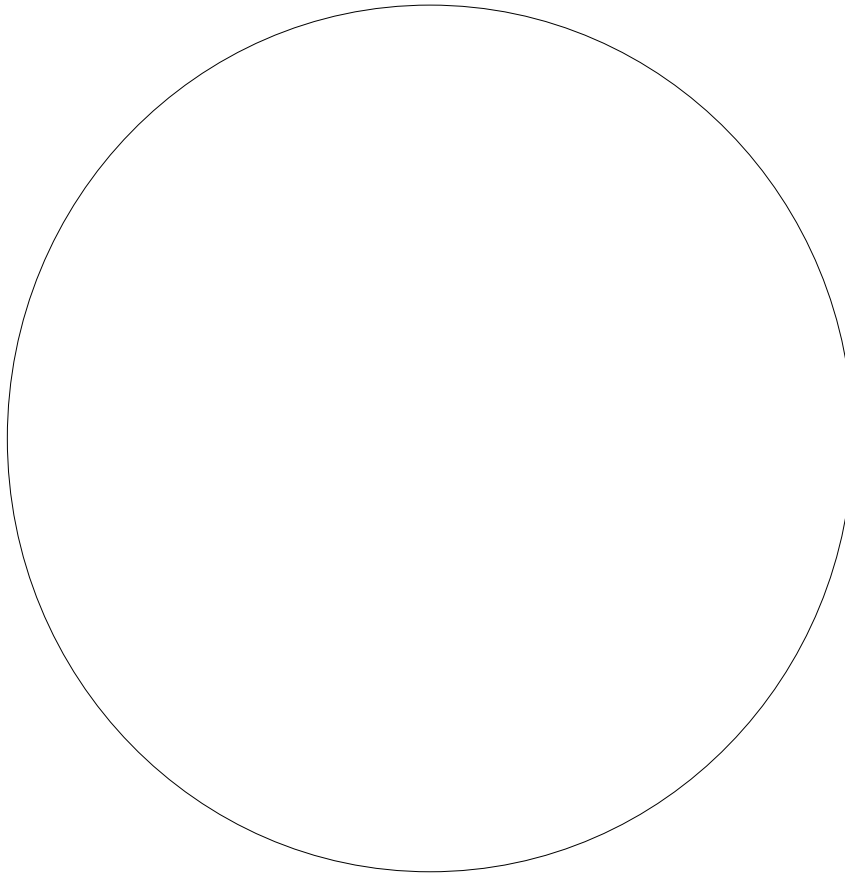
Constellation Scorpio

Date seen

Seen?

Session Notes

The Ultimate Messier Object Log - Sketch View



Messier # M005

NGC 5904

Magnitude 5.8

Type Globular Cluster

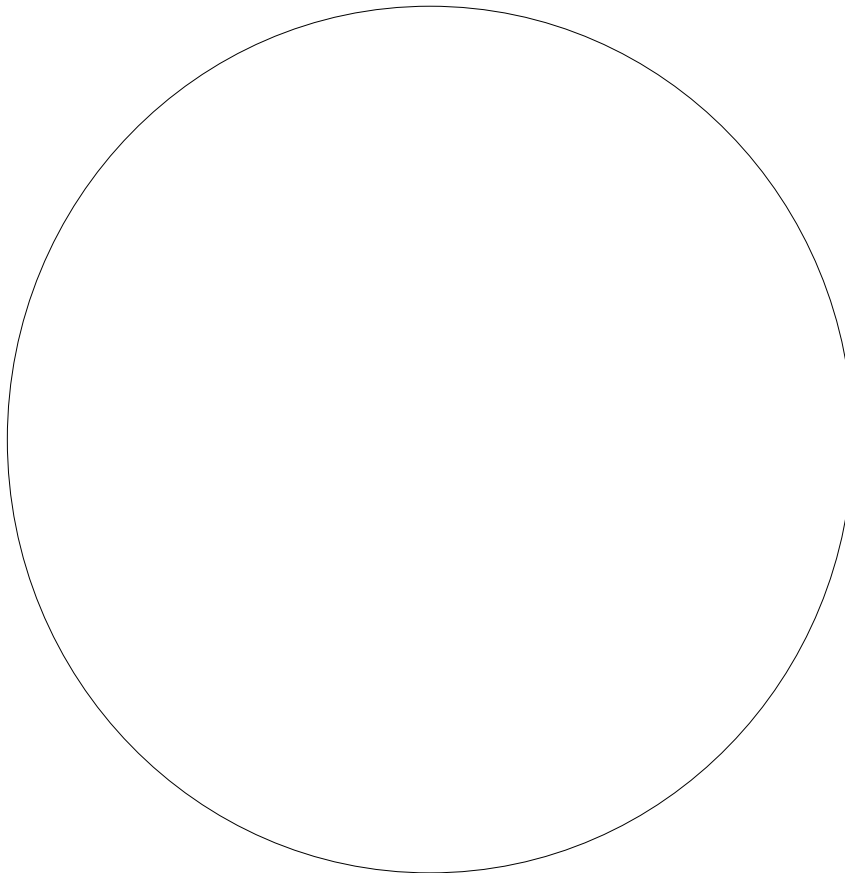
Name (if any) N/A

Constellation Serpens Caput

Date seen

Seen?

Session Notes



Messier # M006

NGC 6405

Magnitude 4.2

Type Open Cluster

Name (if any) Butterfly Cluster

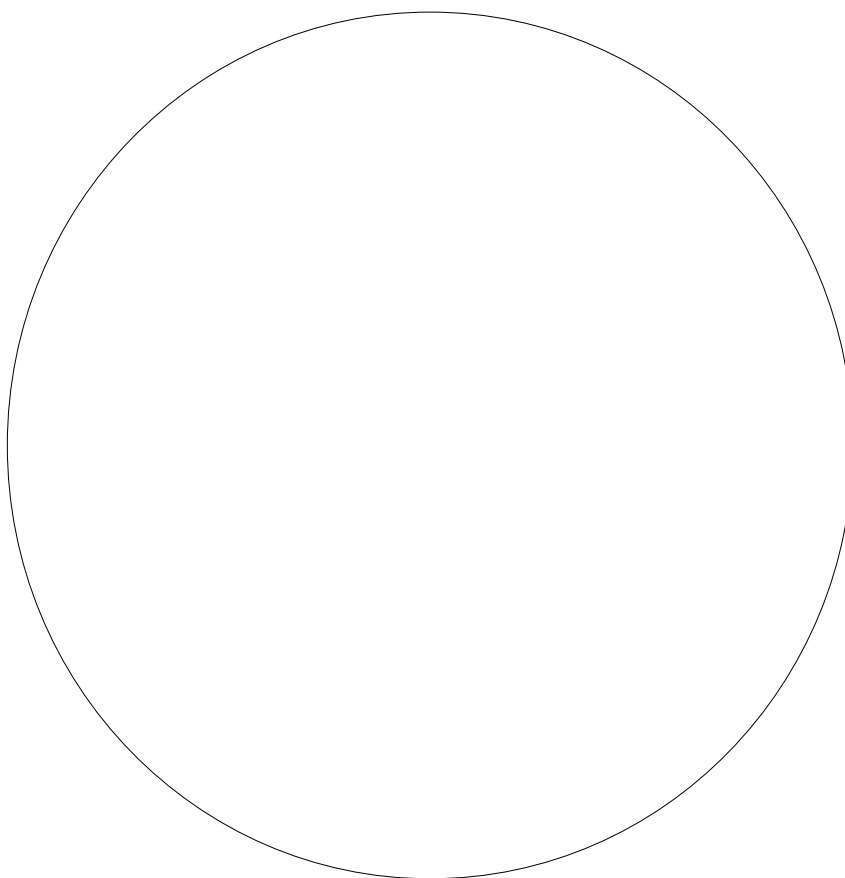
Constellation Scorpius

Date seen

Seen?

Session Notes

The Ultimate Messier Object Log - Sketch View



Messier # M007

NGC 6475

Magnitude 3.3

Type Open Cluster

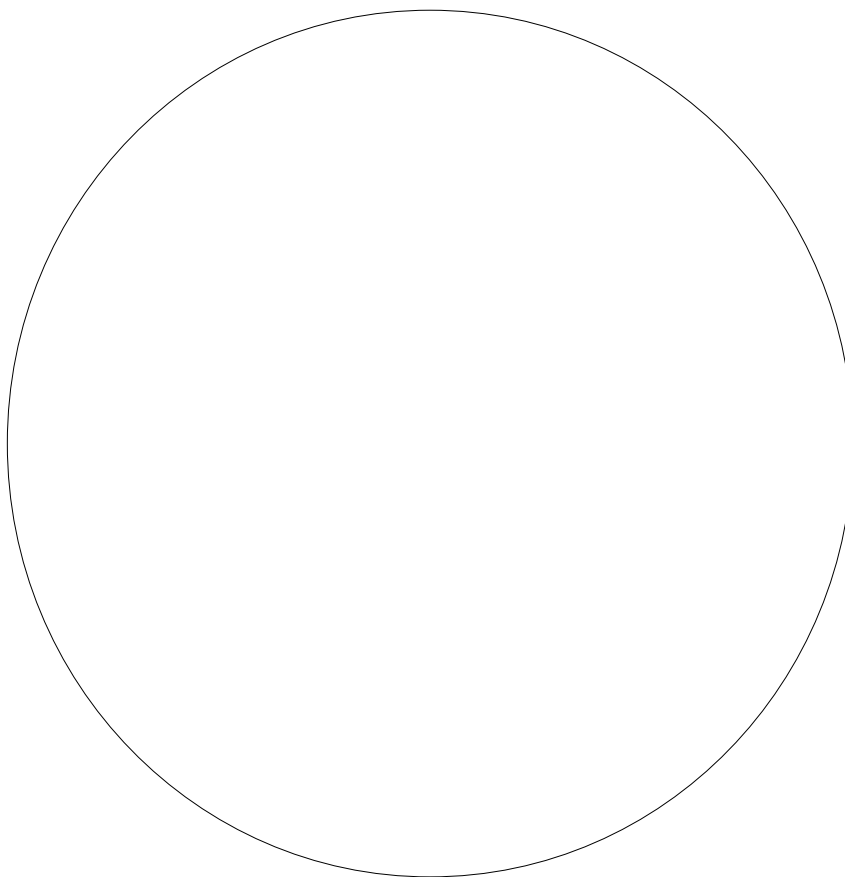
Name (if any) Ptolemy's Cluster

Constellation Scorpius

Date seen

Seen?

Session Notes



Messier # M008

NGC 6523

Magnitude 5.0

Type Diffuse Nebula

Name (if any) Lagoon Nebula

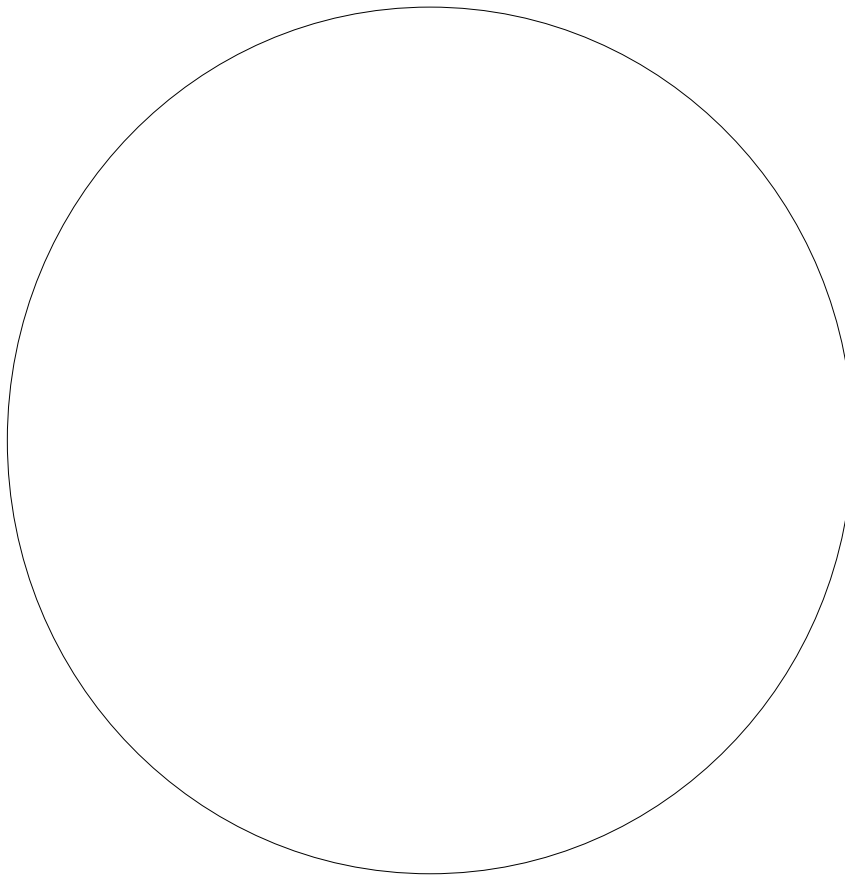
Constellation Sagittarius

Date seen

Seen?

Session Notes

The Ultimate Messier Object Log - Sketch View



Messier # M009

NGC 6333

Magnitude 7.9

Type Globular Cluster

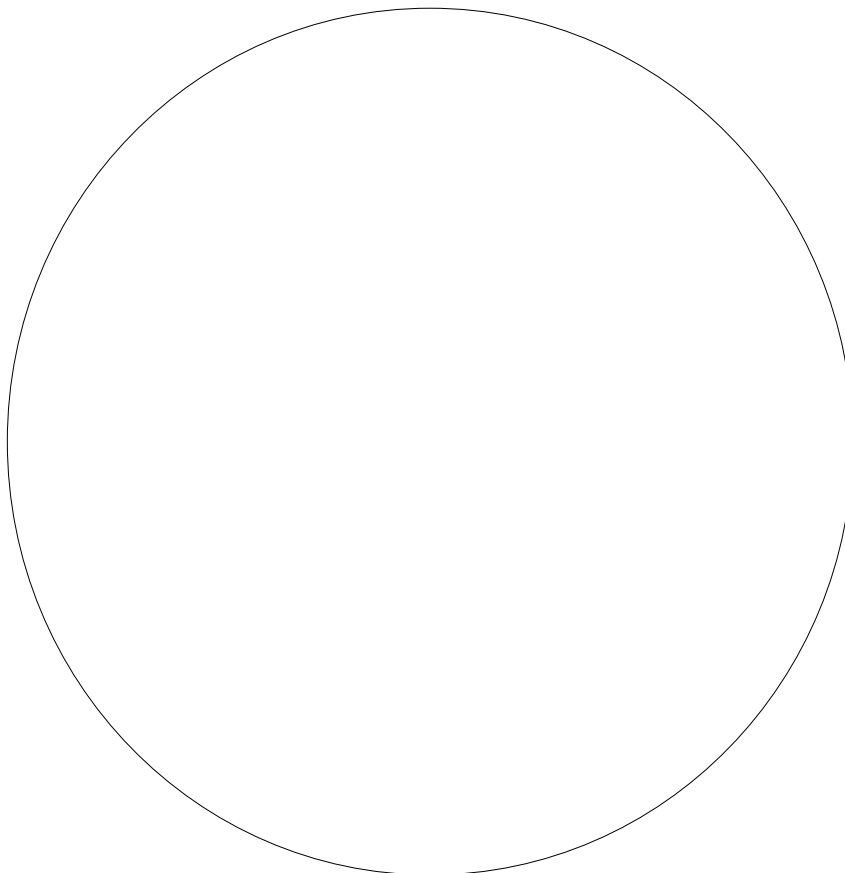
Name (if any) N/A

Constellation Ophiucus

Date seen

Seen?

Session Notes



Messier # M010

NGC 6254

Magnitude 6.6

Type Globular Cluster

Name (if any) N/A

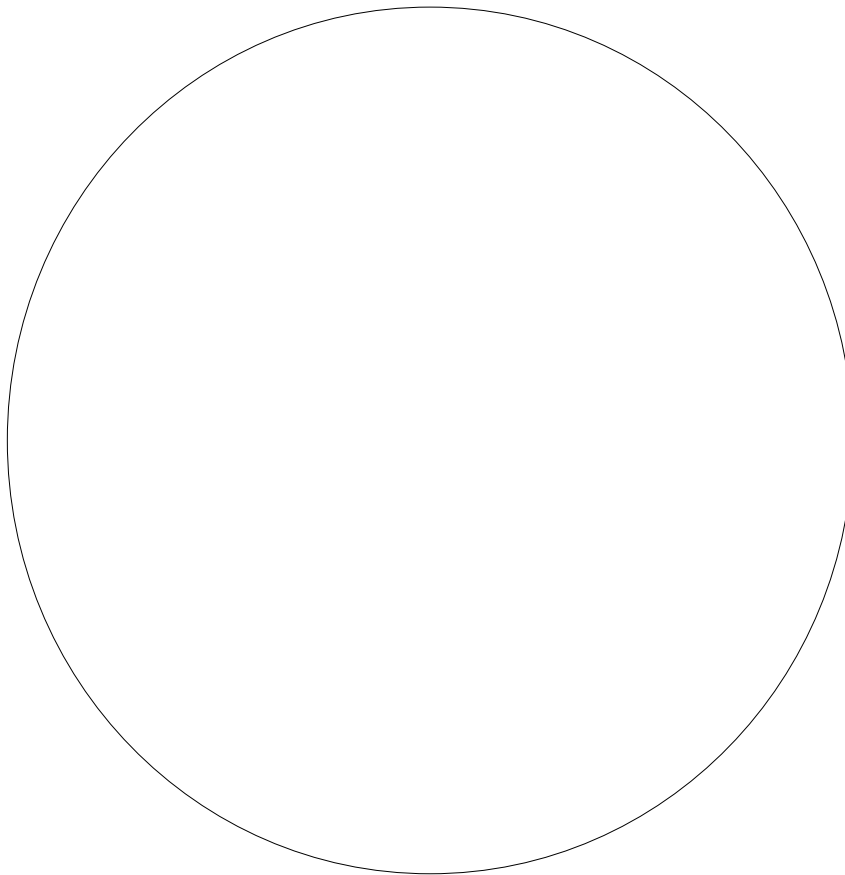
Constellation Ophiucus

Date seen

Seen?

Session Notes

The Ultimate Messier Object Log - Sketch View



Messier # M011

NGC 6705

Magnitude 5.8

Type Open Cluster

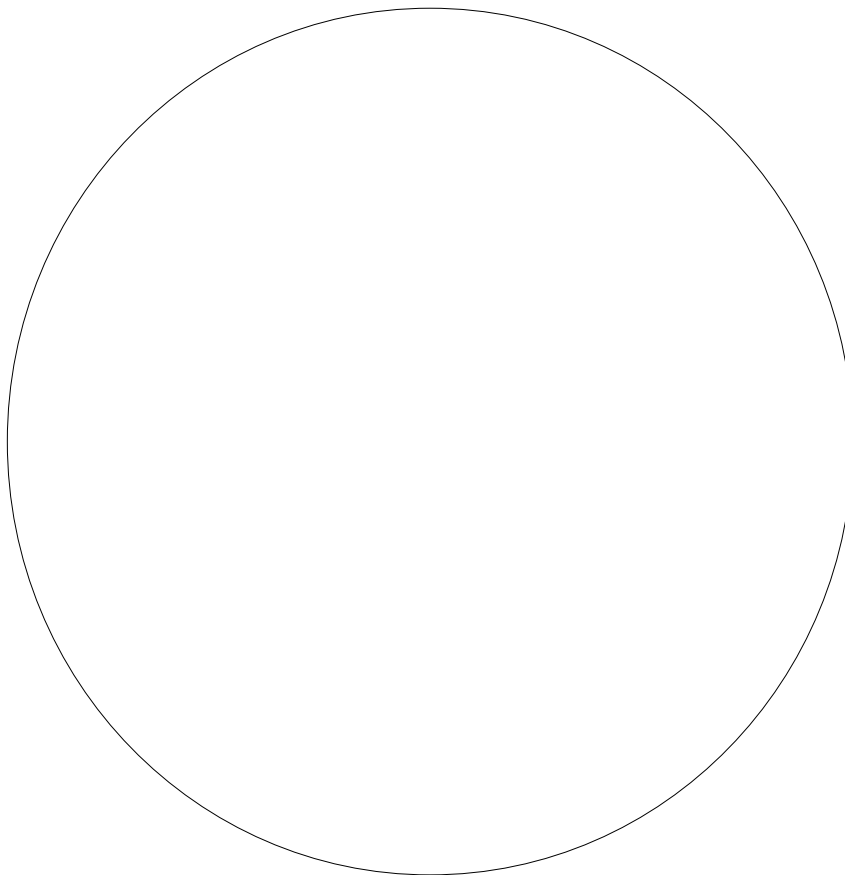
Name (if any) Wild Duck Cluster

Constellation Scutum

Date seen

Seen?

Session Notes



Messier # M012

NGC 6218

Magnitude 6.6

Type Globular Cluster

Name (if any) N/A

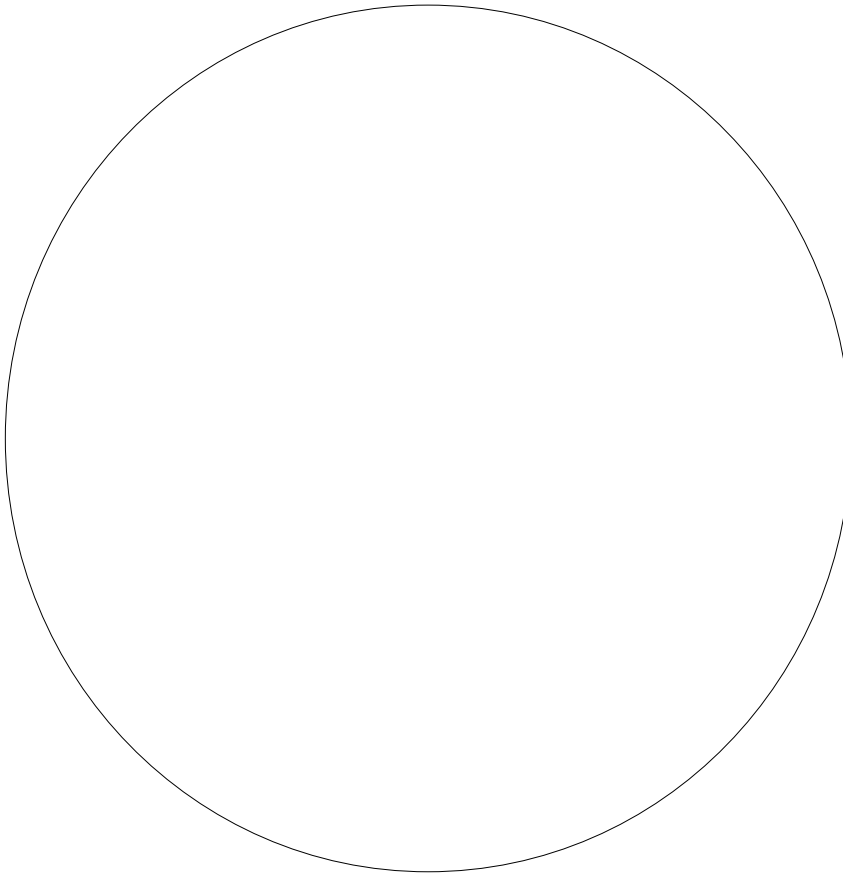
Constellation Ophiucus

Date seen

Seen?

Session Notes

The Ultimate Messier Object Log - Sketch View



Messier # M013

NGC 6205

Magnitude 5.9

Type Globular Cluster

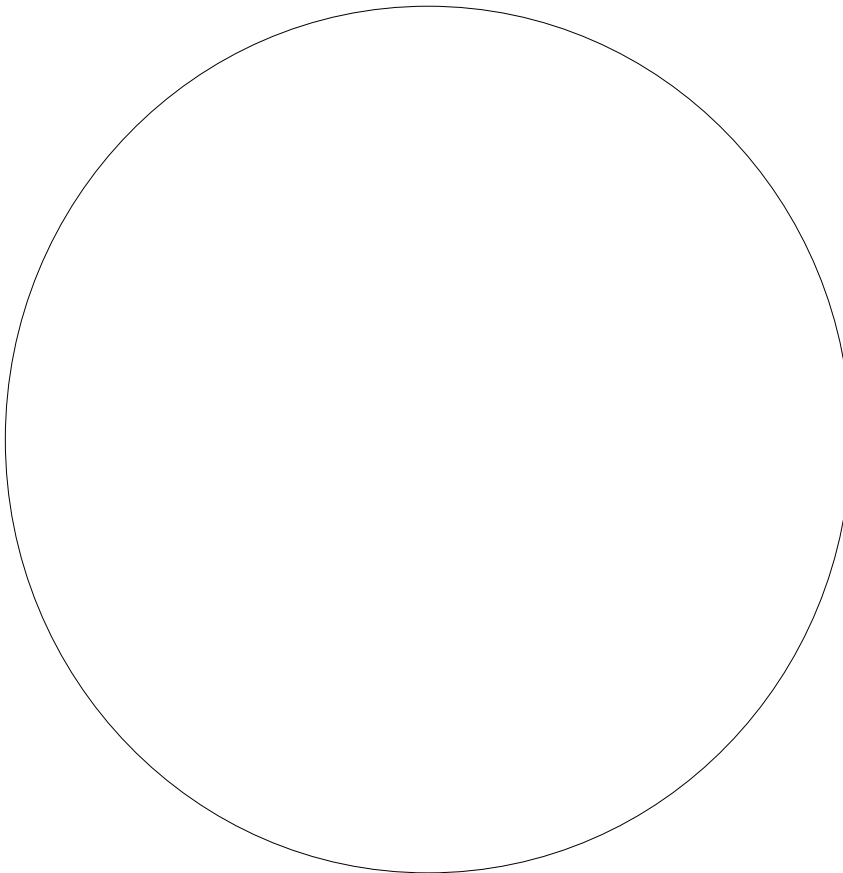
Name (if any) N/A

Constellation Hercules

Date seen

Seen?

Session Notes



Messier # M014

NGC 6402

Magnitude 7.6

Type Globular Cluster

Name (if any) N/A

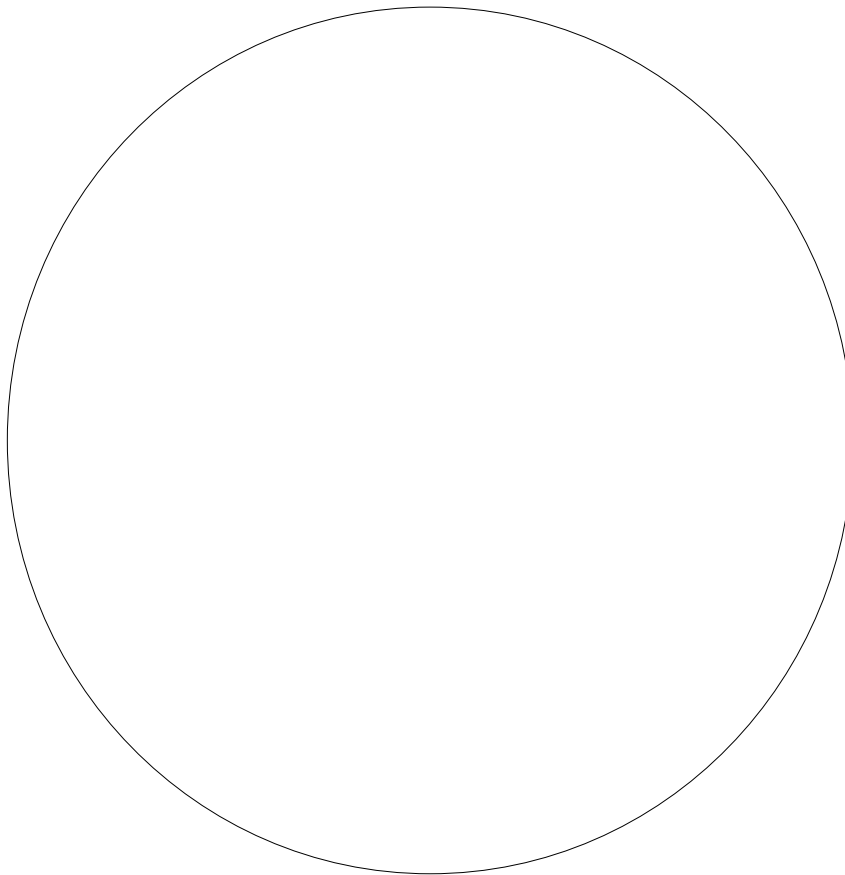
Constellation Ophiucus

Date seen

Seen?

Session Notes

The Ultimate Messier Object Log - Sketch View



Messier # M015

NGC 7078

Magnitude 6.4

Type Globular Cluster

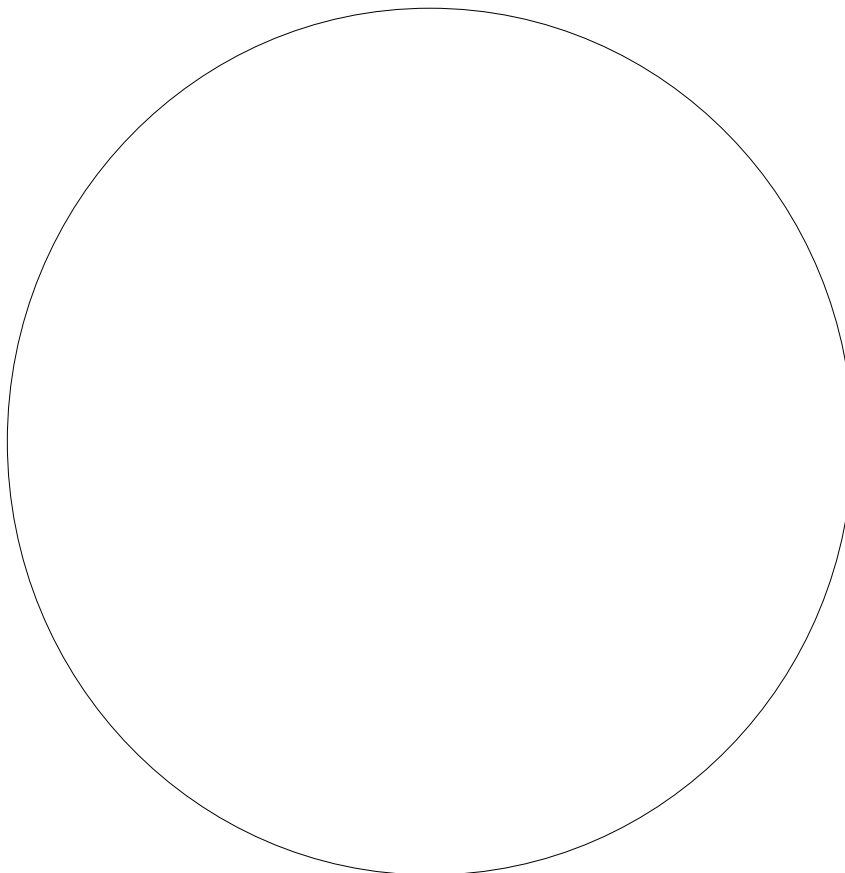
Name (if any) N/A

Constellation Pegasus

Date seen

Seen?

Session Notes



Messier # M016

NGC 6611

Magnitude 6.5

Type Open Cluster

Name (if any) Eagle Nebula
Cluster

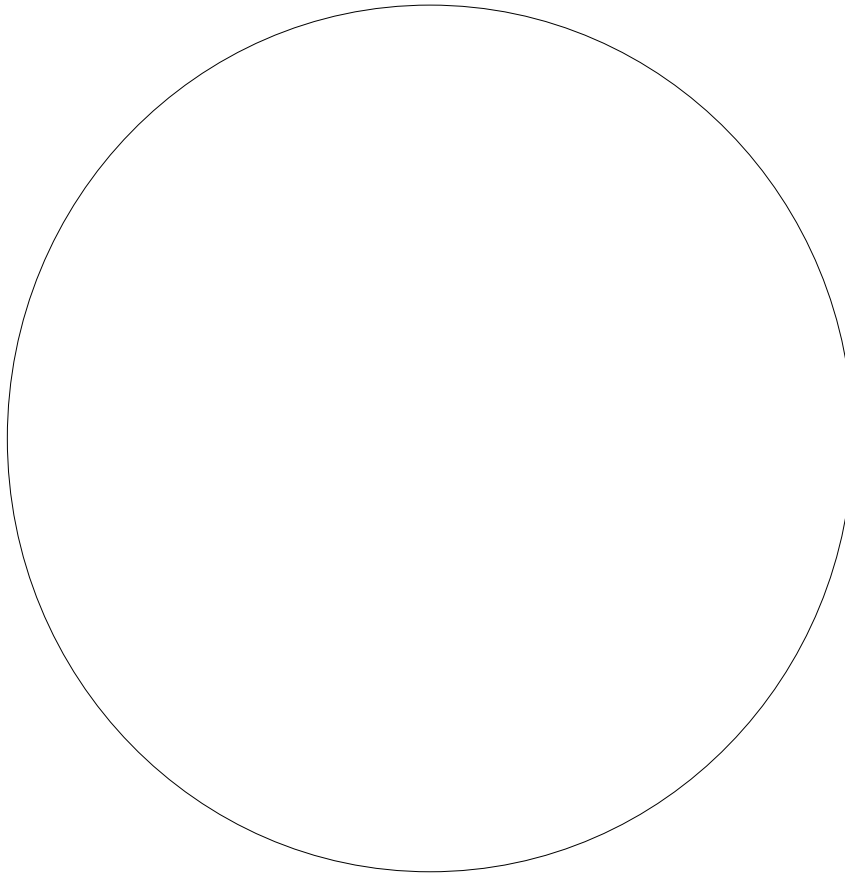
Constellation Serpens Claudia

Date seen

Seen?

Session Notes

The Ultimate Messier Object Log - Sketch View



Messier # M017

NGC 6618

Magnitude 7.0

Type Diffuse Nebula

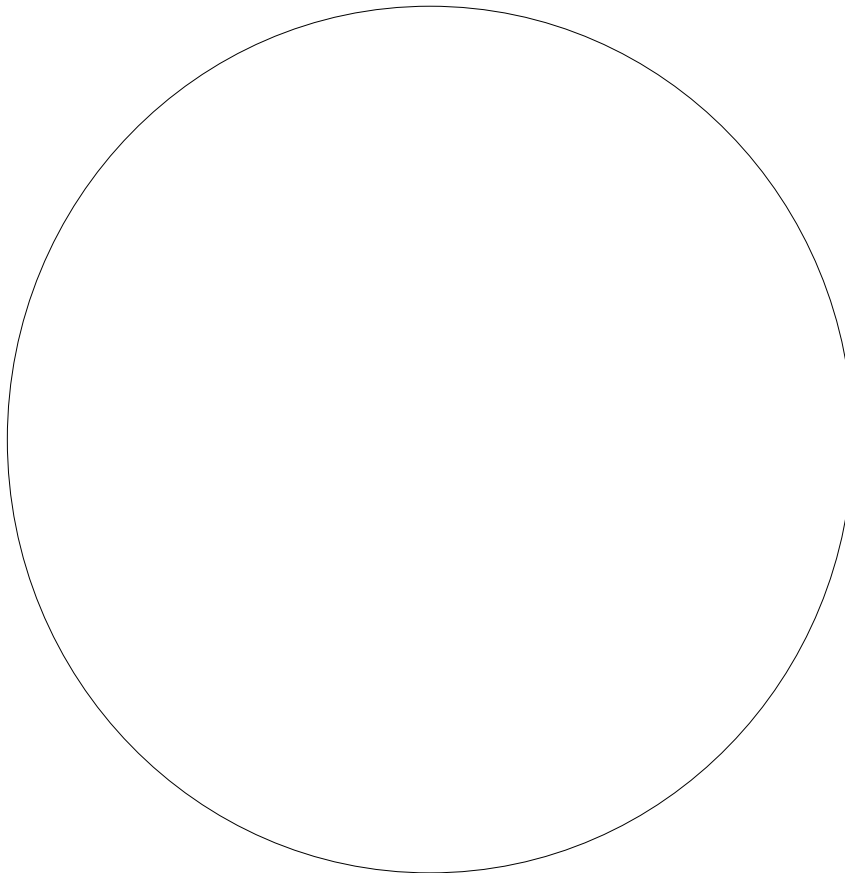
Name (if any) Omega, Swan,
Horseshoe Nebula

Constellation Sagittarius

Date seen

Seen?

Session Notes



Messier # M018

NGC 6613

Magnitude 8.0

Type Open Cluster

Name (if any) N/A

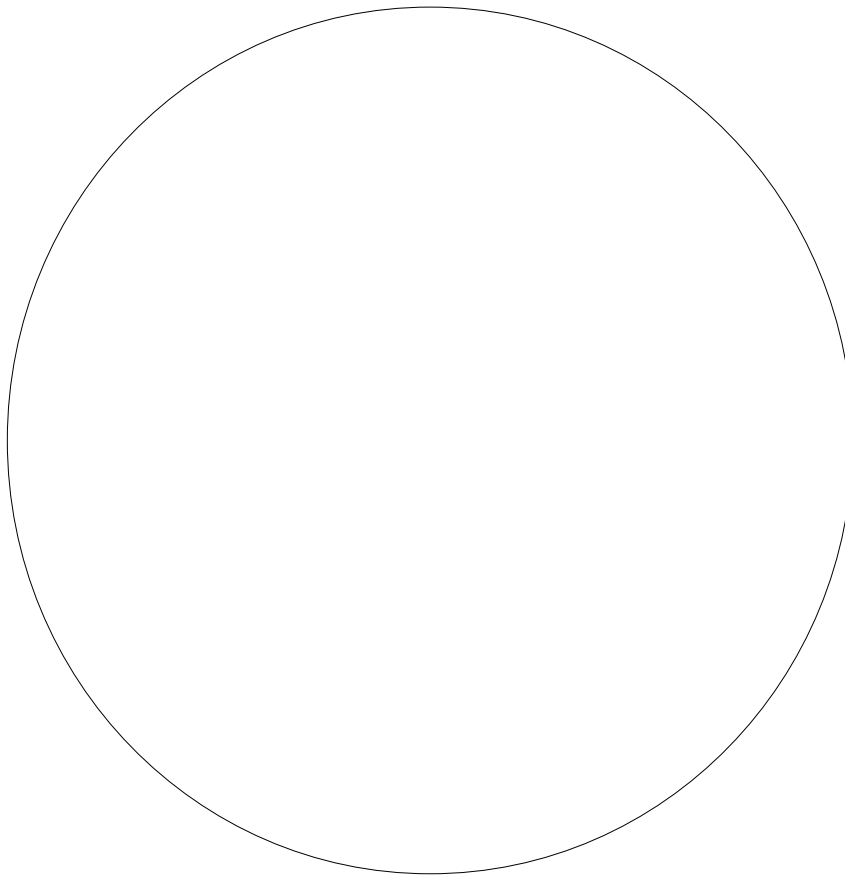
Constellation Sagittarius

Date seen

Seen?

Session Notes

The Ultimate Messier Object Log - Sketch View



Messier # M019

NGC 6273

Magnitude 8.5

Type Globular Cluster

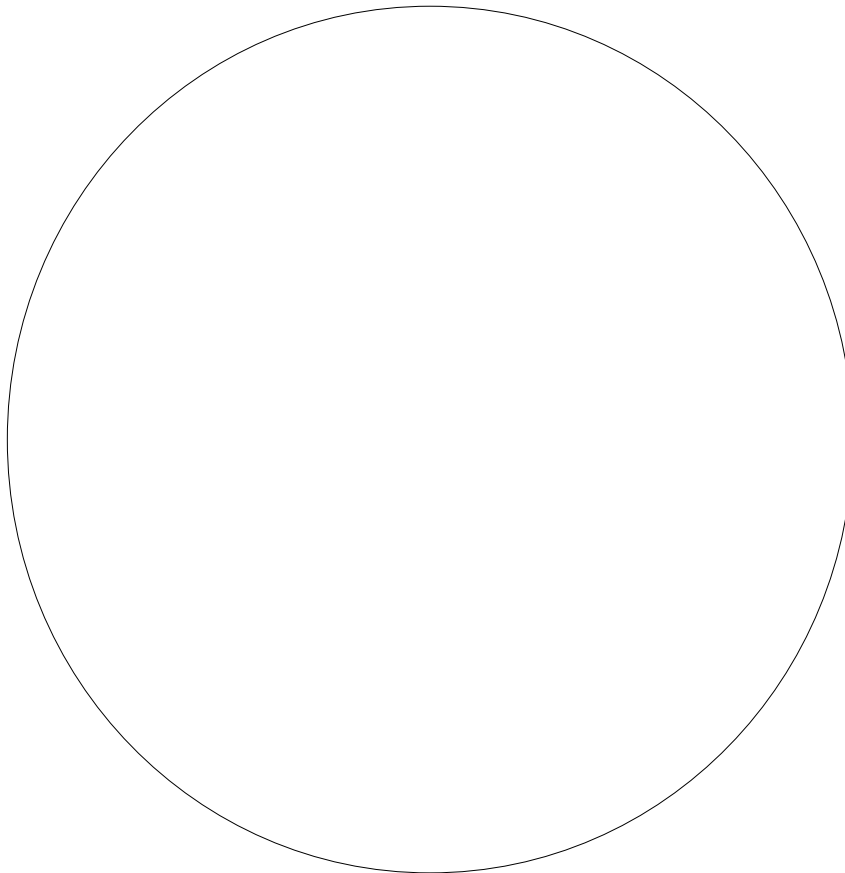
Name (if any) N/A

Constellation Ophiucus

Date seen

Seen?

Session Notes



Messier # M020

NGC 6514

Magnitude 5.0

Type Diffuse Nebula

Name (if any) Trifid Nebula

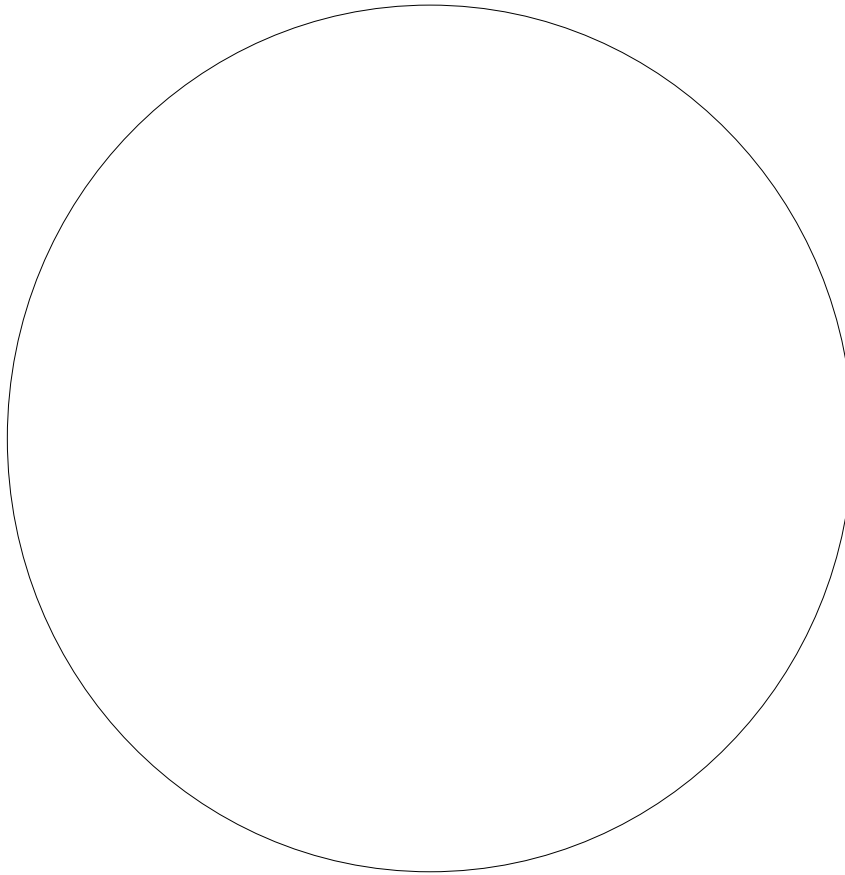
Constellation Sagittarius

Date seen

Seen?

Session Notes

The Ultimate Messier Object Log - Sketch View



Messier # M021

NGC 6531

Magnitude 7.0

Type Open Cluster

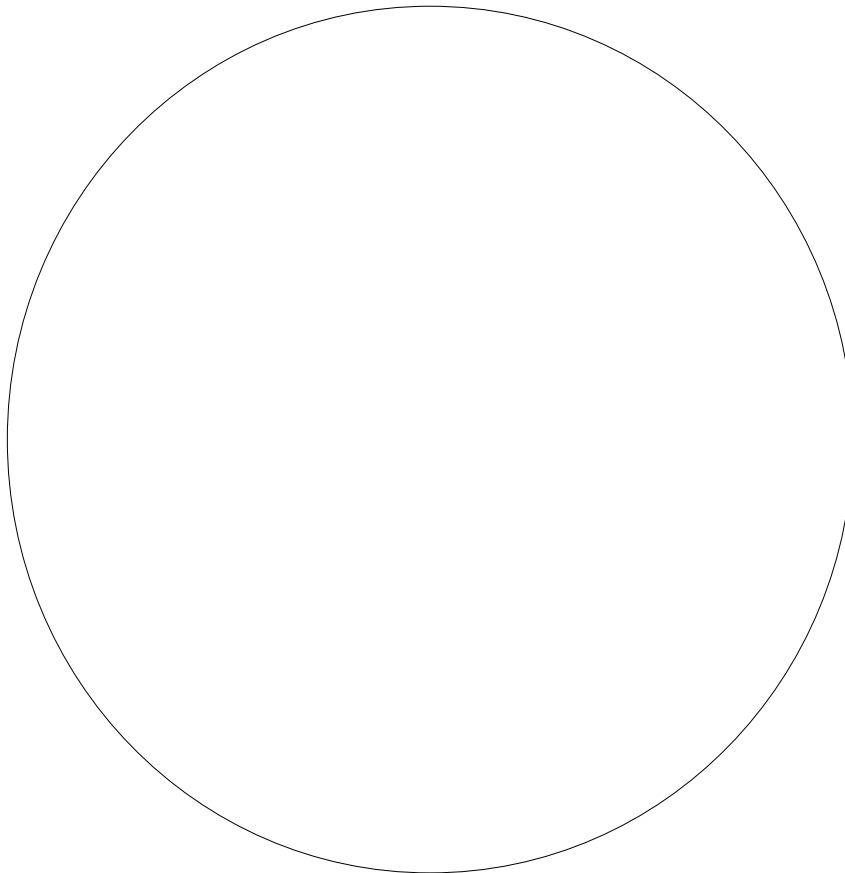
Name (if any) N/A

Constellation Sagittarius

Date seen

Seen?

Session Notes



Messier # M022

NGC 6656

Magnitude 6.5

Type Globular Cluster

Name (if any) N/A

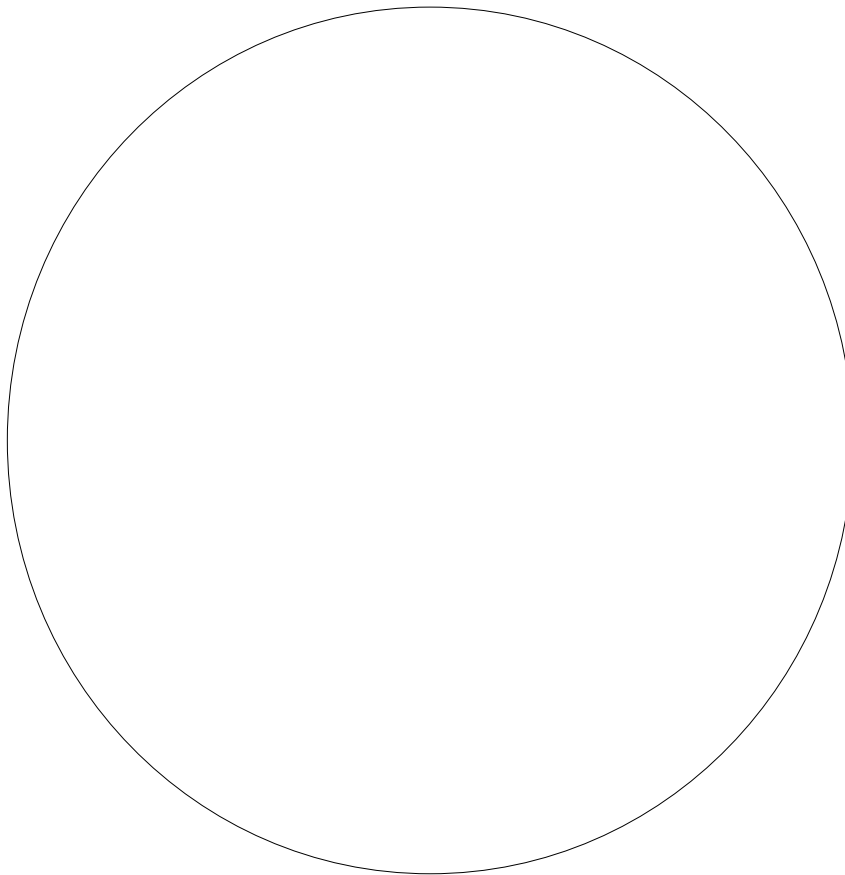
Constellation Sagittarius

Date seen

Seen?

Session Notes

The Ultimate Messier Object Log - Sketch View



Messier # M023

NGC 6494

Magnitude 6.0

Type Open Cluster

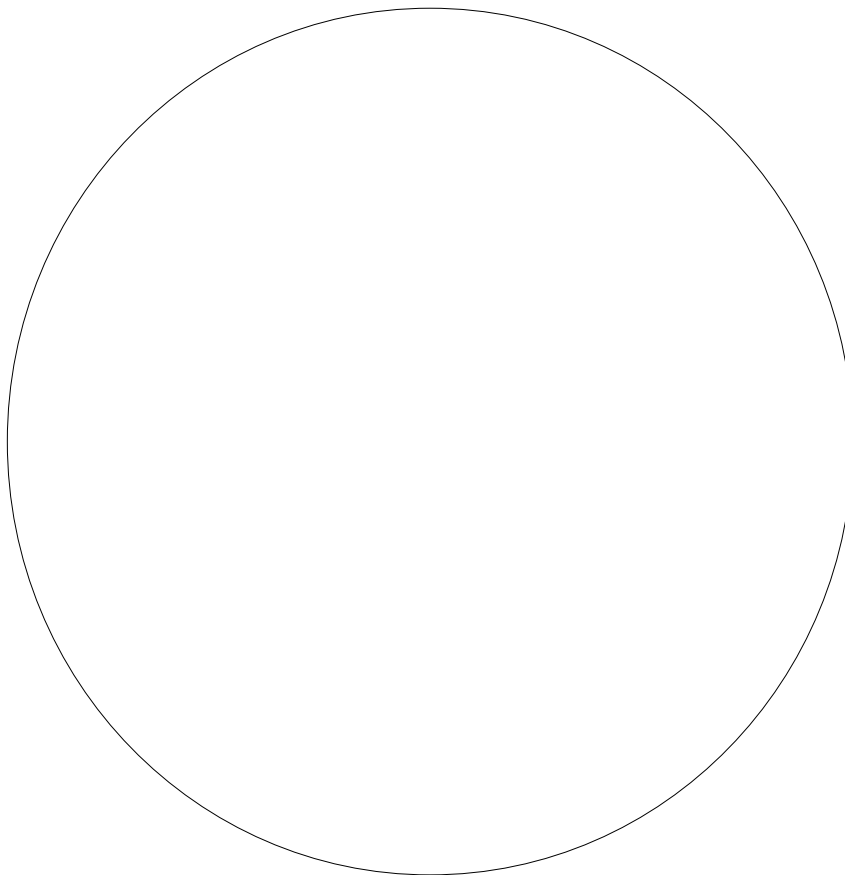
Name (if any) N/A

Constellation Sagittarius

Date seen

Seen?

Session Notes



Messier # M024

NGC 6603

Magnitude 11.5

Type Star Cloud

Name (if any) Milky Way Patch

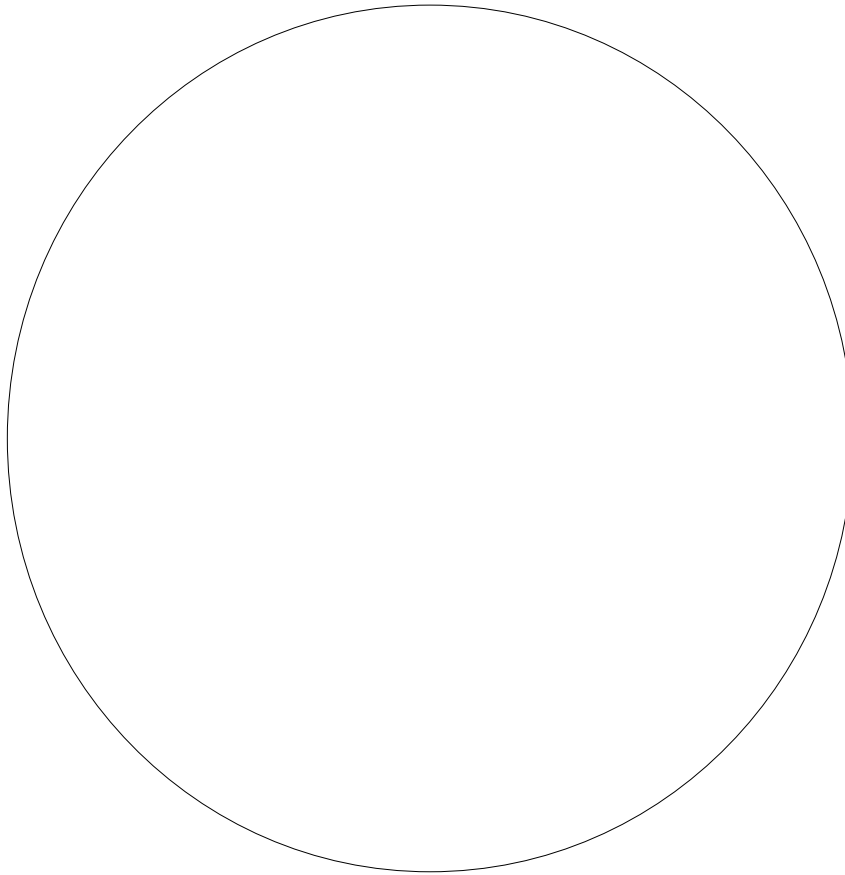
Constellation Sagittarius

Date seen

Seen?

Session Notes

The Ultimate Messier Object Log - Sketch View



Messier # M025

NGC IC4725

Magnitude 4.9

Type Open Cluster

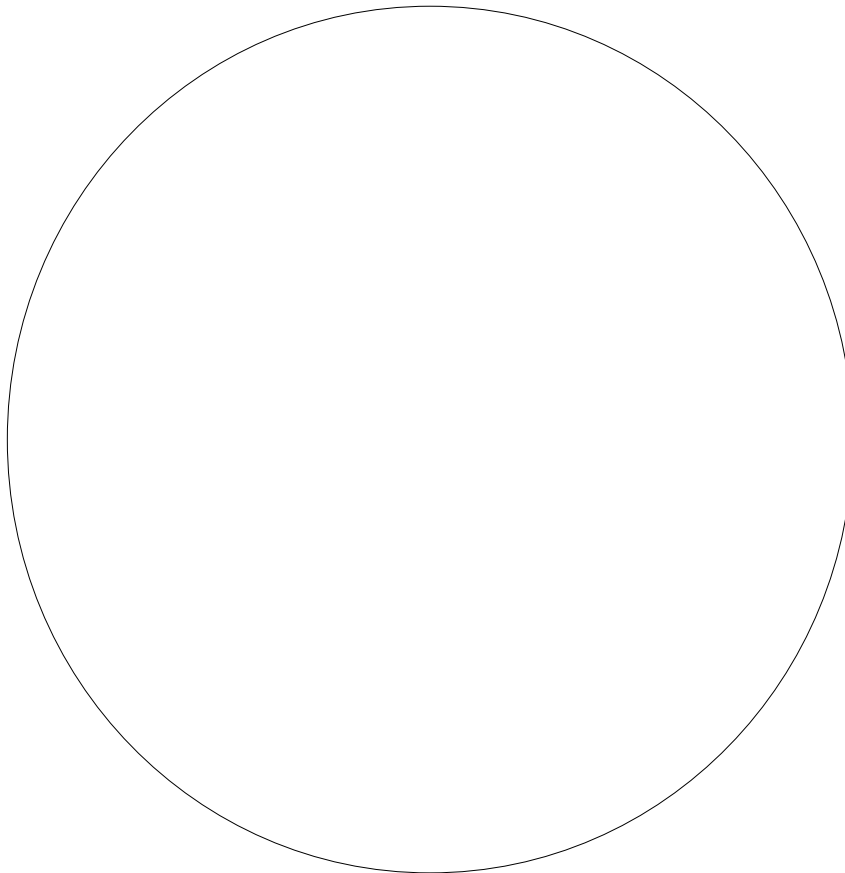
Name (if any) N/A

Constellation Sagittarius

Date seen

Seen?

Session Notes



Messier # M026

NGC 6694

Magnitude 9.5

Type Open Cluster

Name (if any) N/A

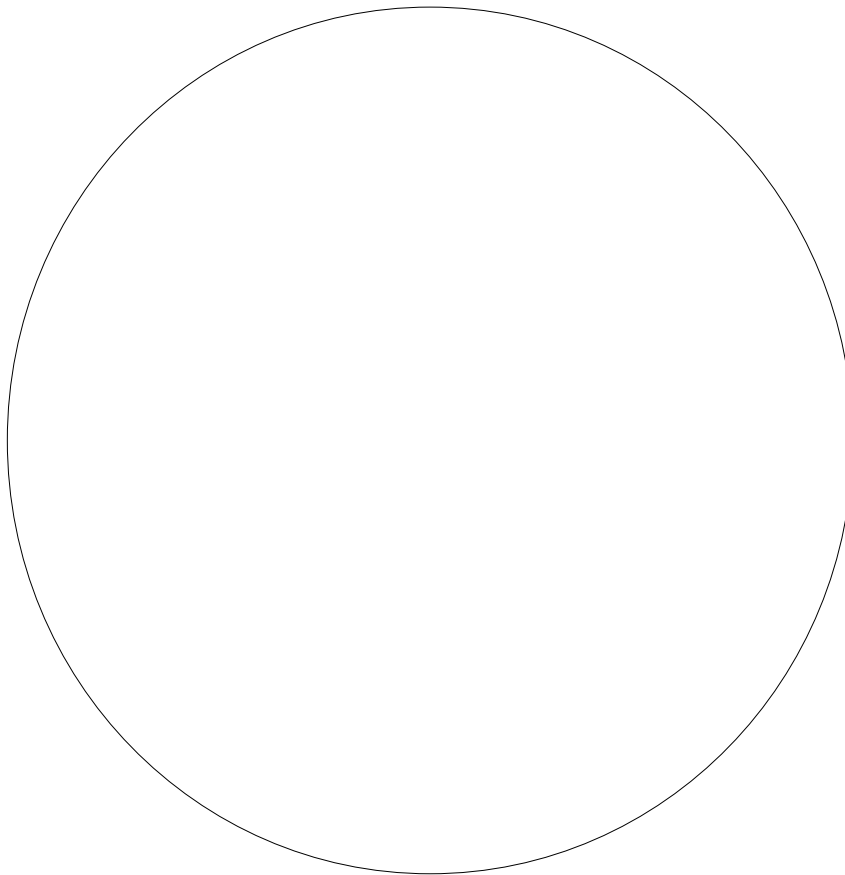
Constellation Scutum

Date seen

Seen?

Session Notes

The Ultimate Messier Object Log - Sketch View



Messier # M027

NGC 6853

Magnitude 7.5

Type Planetary Nebula

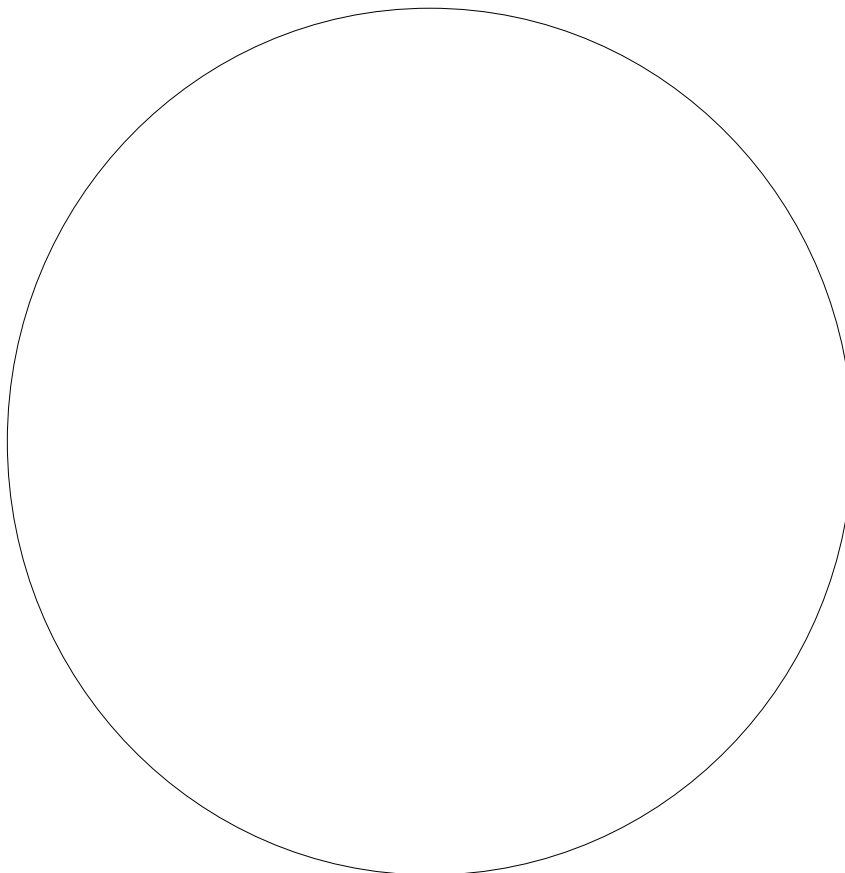
Name (if any) Dumbbell Nebula

Constellation Vulpecula

Date seen

Seen?

Session Notes



Messier # M028

NGC 6626

Magnitude 8.5

Type Globular Cluster

Name (if any) N/A

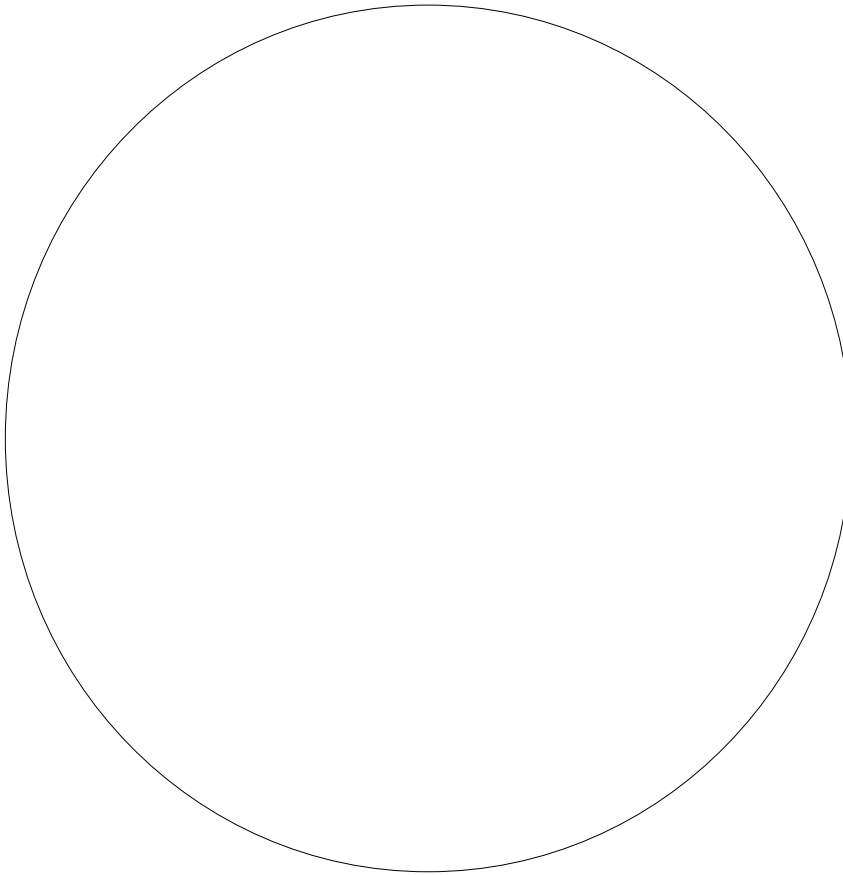
Constellation Sagittarius

Date seen

Seen?

Session Notes

The Ultimate Messier Object Log - Sketch View



Messier # M029

NGC 6913

Magnitude 9.0

Type Open Cluster

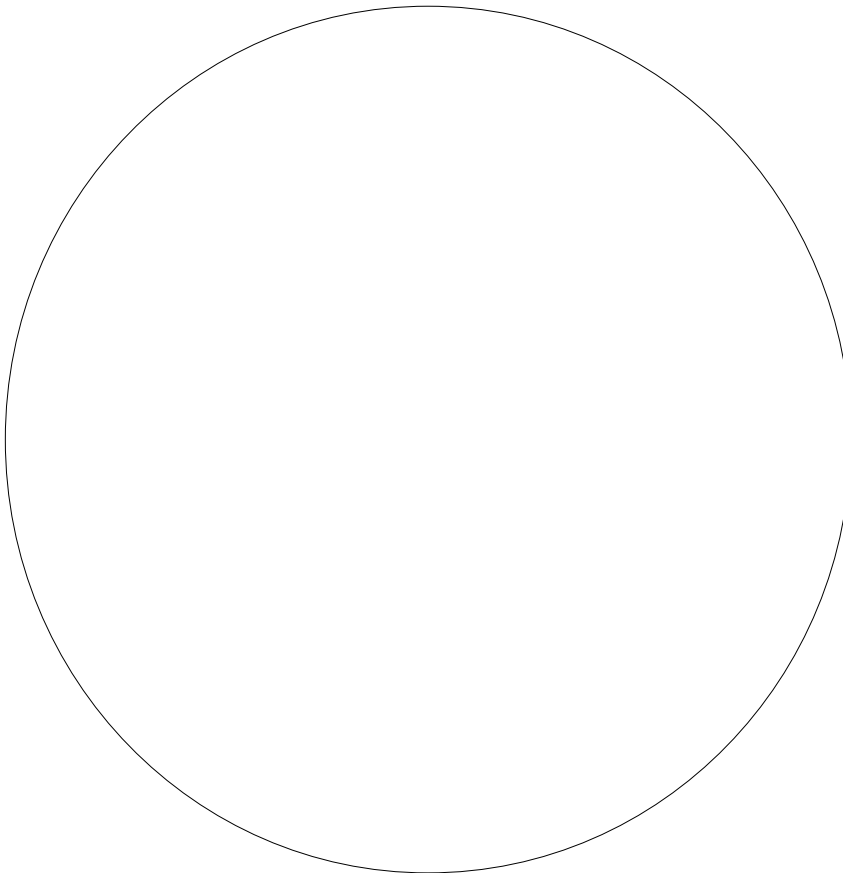
Name (if any) N/A

Constellation Cygnus

Date seen

Seen?

Session Notes



Messier # M030

NGC 7099

Magnitude 8.5

Type Globular Cluster

Name (if any) N/A

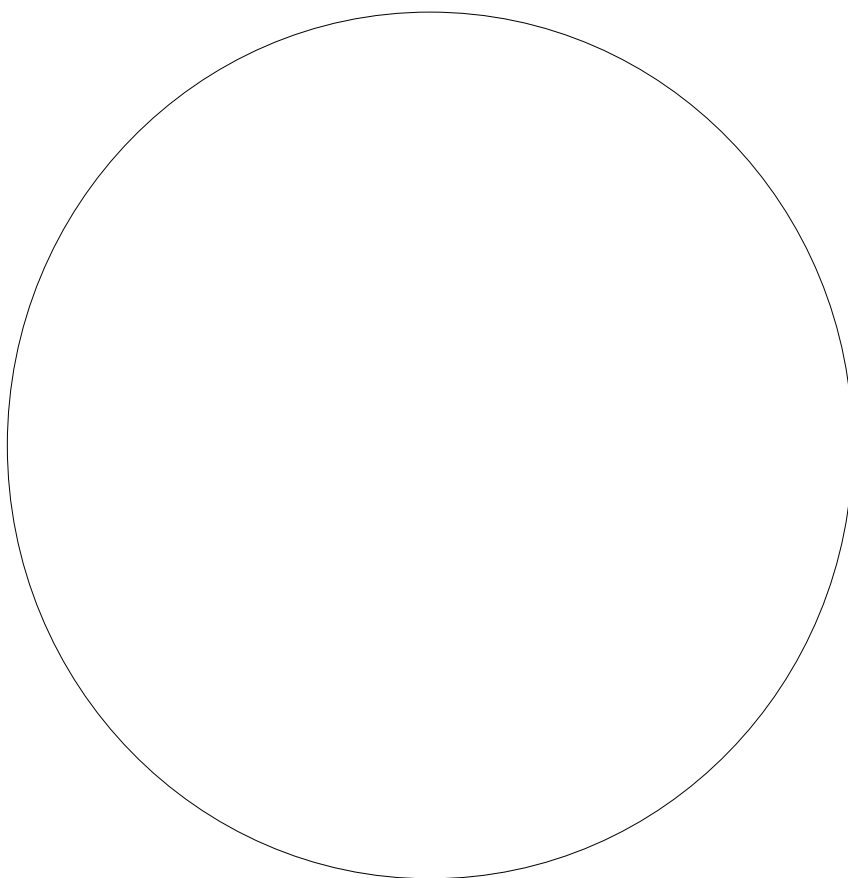
Constellation Capricornus

Date seen

Seen?

Session Notes

The Ultimate Messier Object Log - Sketch View



Messier # M031

NGC 0224

Magnitude 4.5

Type Spiral Galaxy

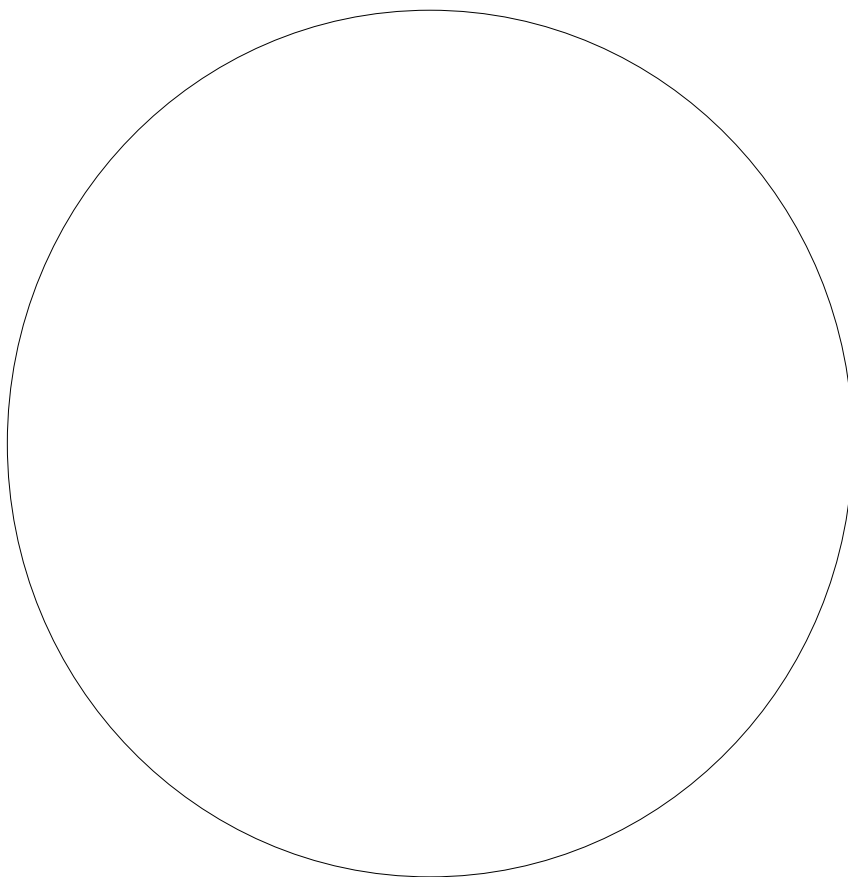
Name (if any) Andromeda Galaxy

Constellation Andromeda

Date seen

Seen?

Session Notes



Messier # M032

NGC 0221

Magnitude 10.0

Type Elliptical Galaxy

Name (if any) Satellite of M31

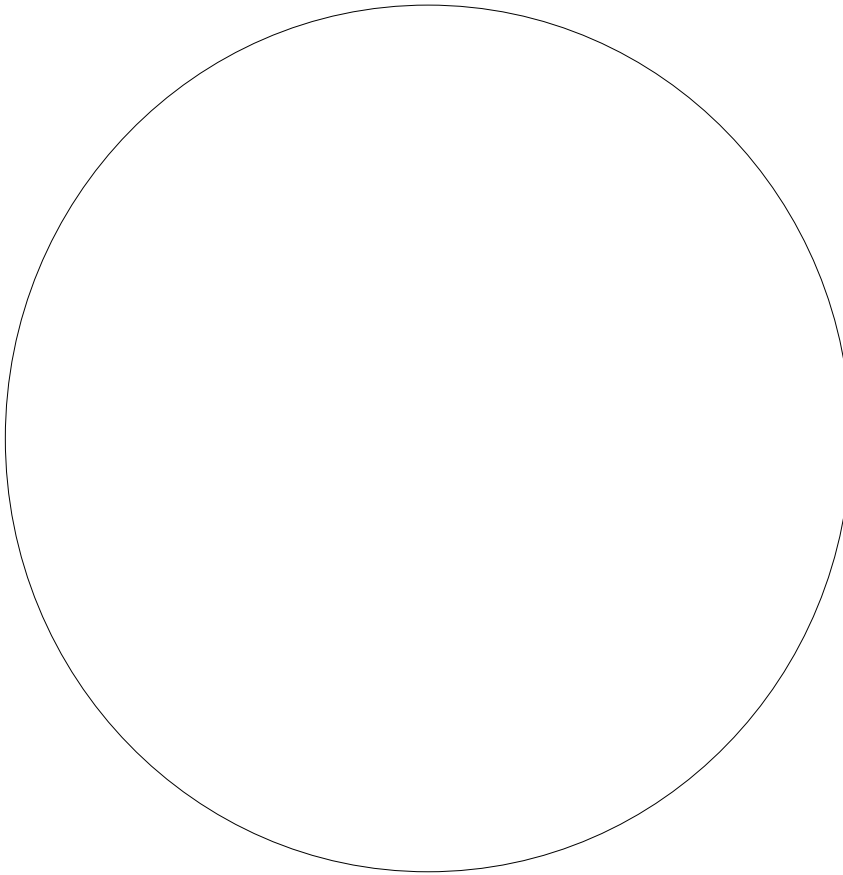
Constellation Andromeda

Date seen

Seen?

Session Notes

The Ultimate Messier Object Log - Sketch View



Messier # M033

NGC 0598

Magnitude 7.0

Type Spiral Galaxy

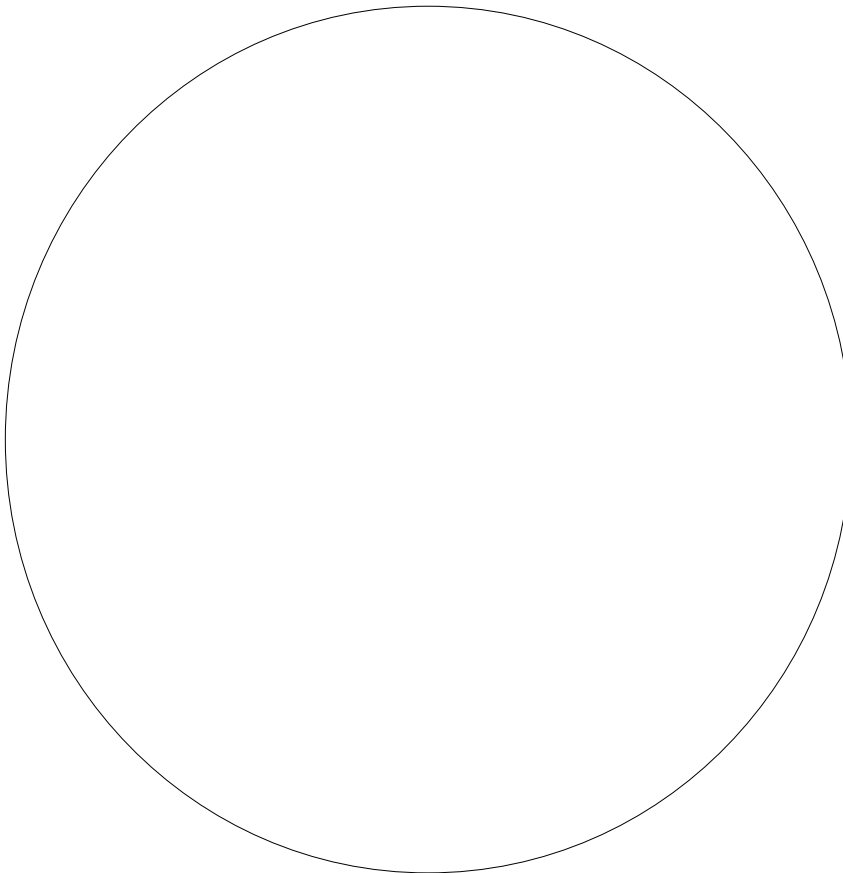
Name (if any) Triangulum (also
Pinwheel) Galaxy

Constellation Triangulum

Date seen

Seen?

Session Notes



Messier # M034

NGC 1039

Magnitude 6.0

Type Open Cluster

Name (if any) N/A

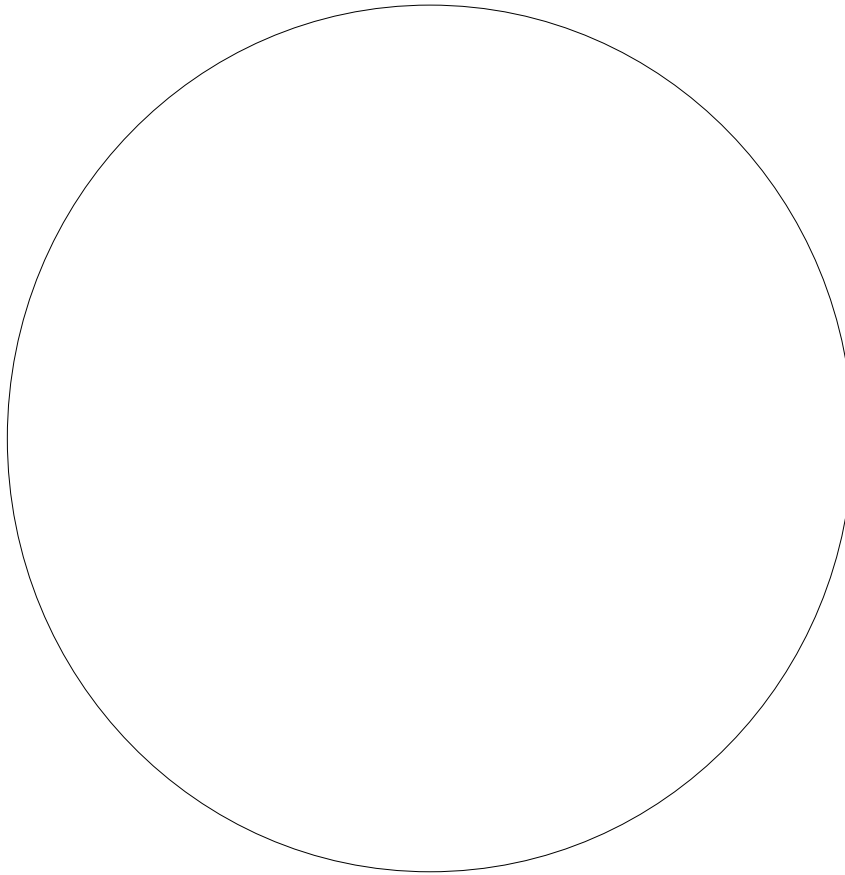
Constellation Perseus

Date seen

Seen?

Session Notes

The Ultimate Messier Object Log - Sketch View



Messier # M035

NGC 2168

Magnitude 5.5

Type Open Cluster

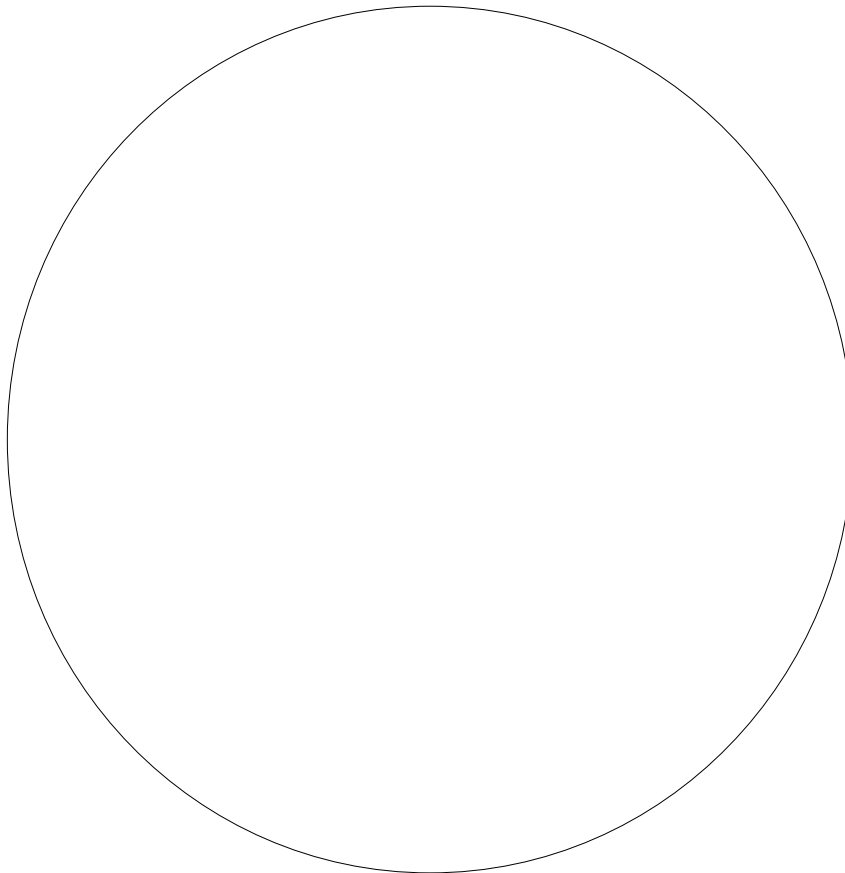
Name (if any) N/A

Constellation Gemini

Date seen

Seen?

Session Notes



Messier # M036

NGC 1960

Magnitude 6.5

Type Open Cluster

Name (if any) N/A

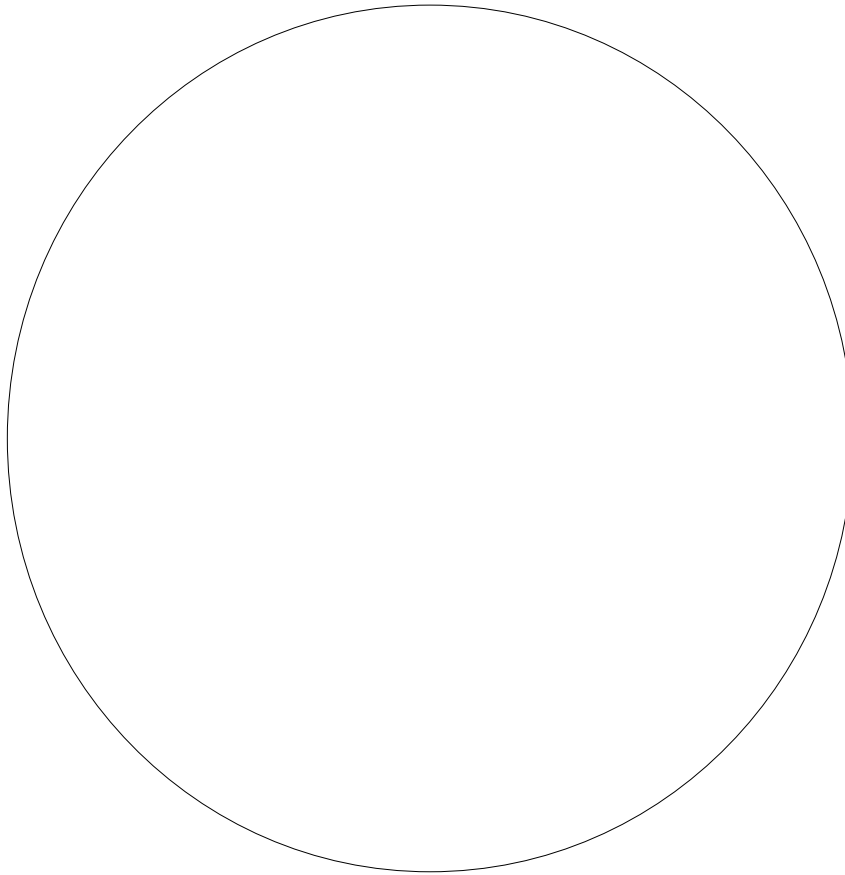
Constellation Auriga

Date seen

Seen?

Session Notes

The Ultimate Messier Object Log - Sketch View



Messier # M037

NGC 2099

Magnitude 6.0

Type Open Cluster

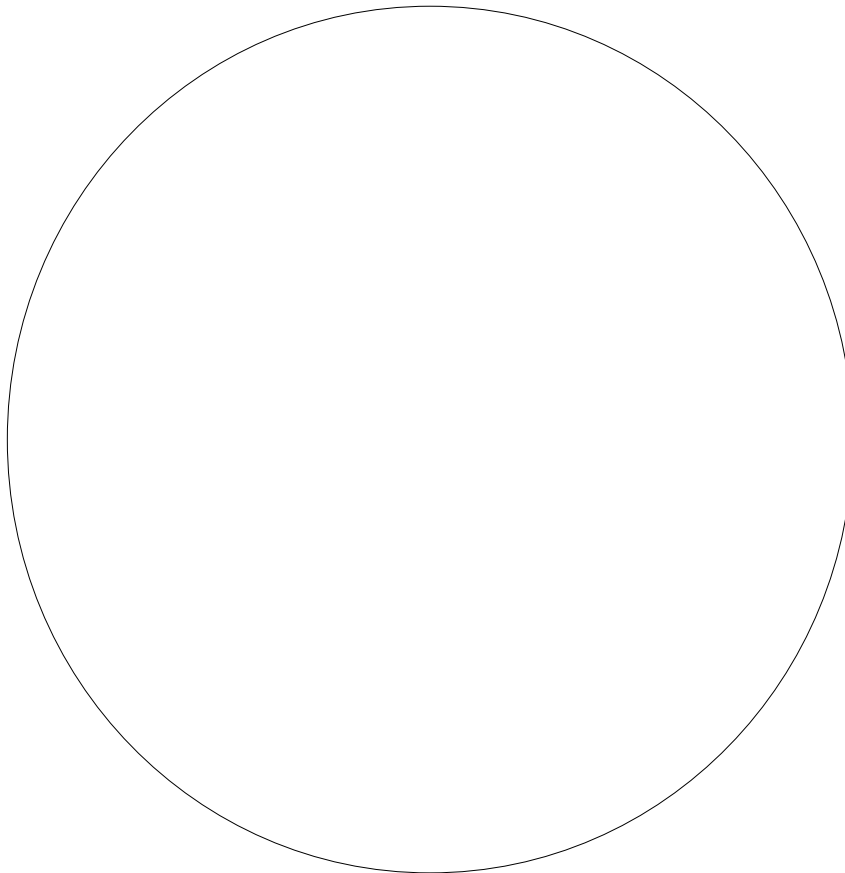
Name (if any) N/A

Constellation Auriga

Date seen

Seen?

Session Notes



Messier # M038

NGC 1922

Magnitude 7.0

Type Open Cluster

Name (if any) N/A

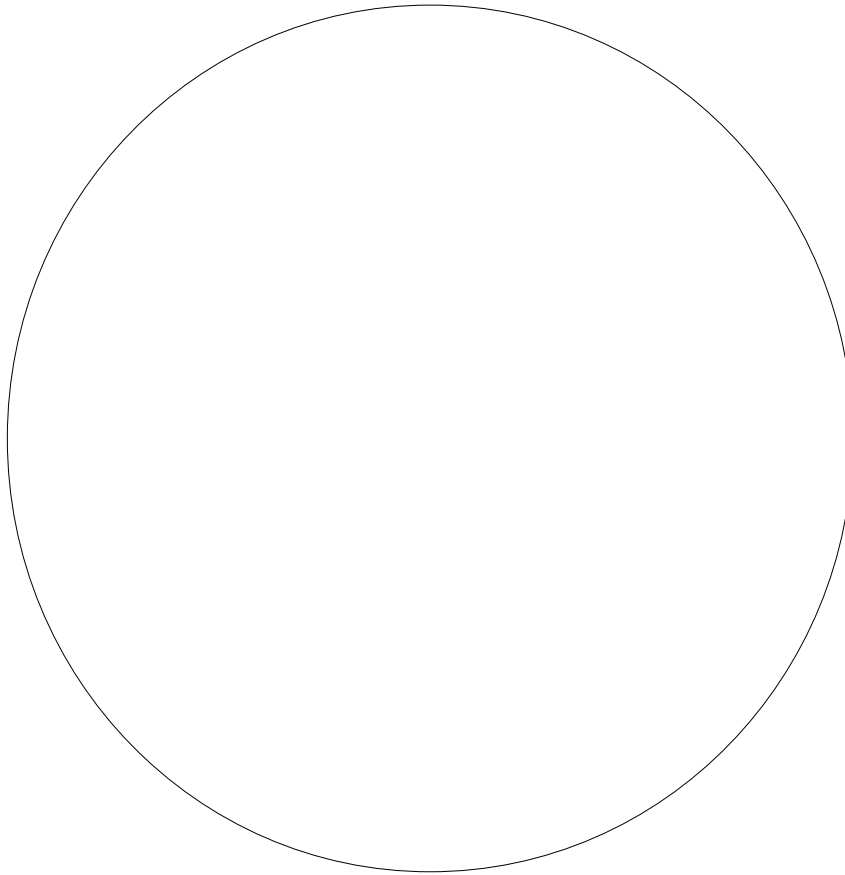
Constellation Auriga

Date seen

Seen?

Session Notes

The Ultimate Messier Object Log - Sketch View



Messier # M039

NGC 7092

Magnitude 5.5

Type Open Cluster

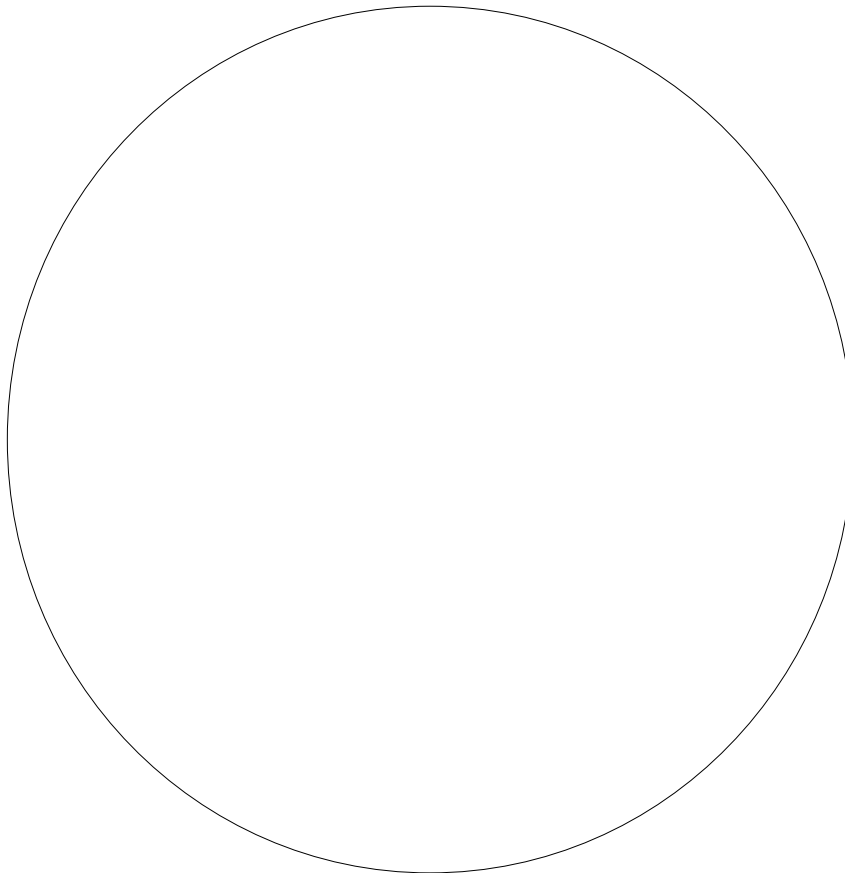
Name (if any) N/A

Constellation Cygnus

Date seen

Seen?

Session Notes



Messier # M040

NGC 7092

Magnitude 9.0

Type Double Star

Name (if any) Winecke 4

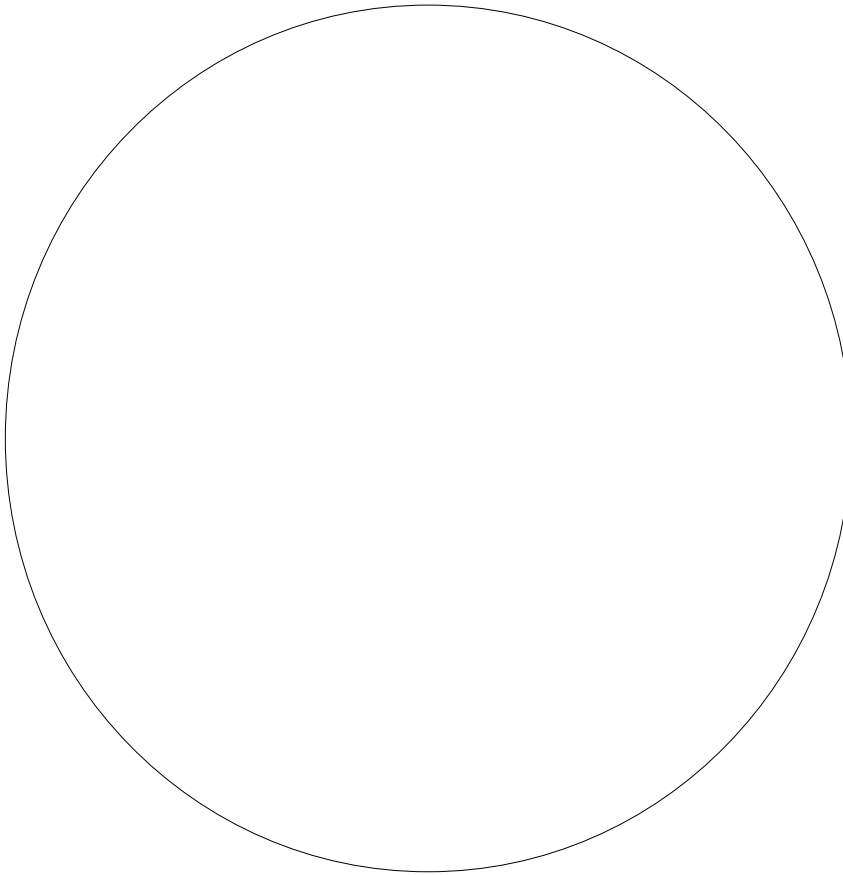
Constellation Ursa Major

Date seen

Seen?

Session Notes

The Ultimate Messier Object Log - Sketch View



Messier # M041

NGC 2287

Magnitude 5.0

Type Open Cluster

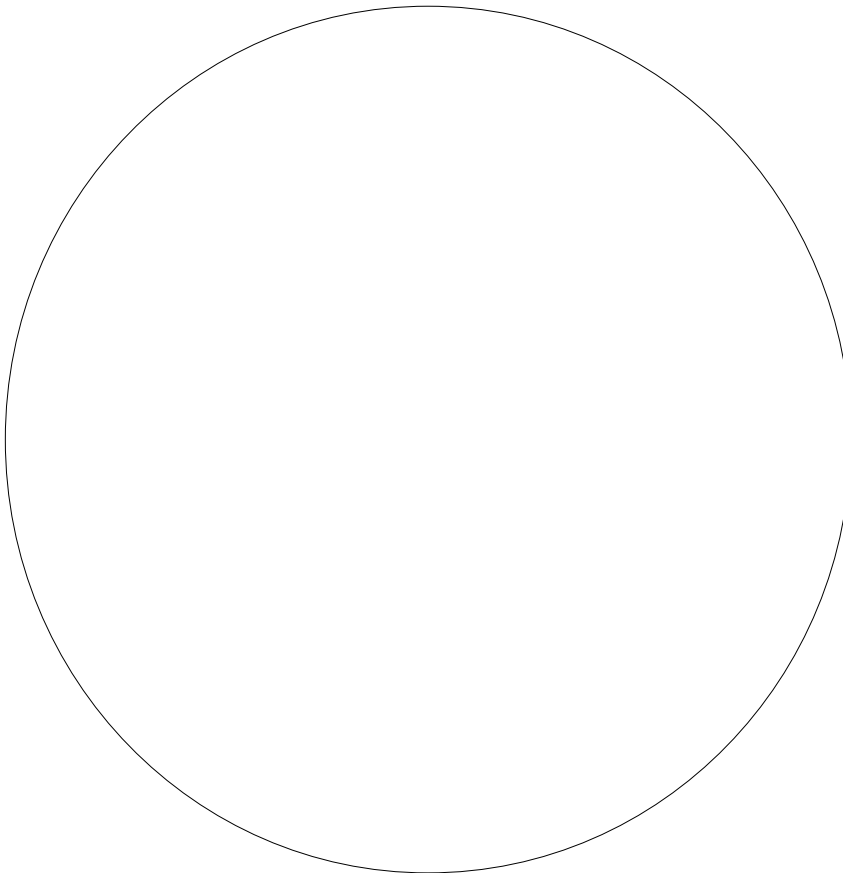
Name (if any) N/A

Constellation Canis Major

Date seen

Seen?

Session Notes



Messier # M042

NGC 1976

Magnitude 5.0

Type Diffuse Nebula

Name (if any) Great Orion Nebula

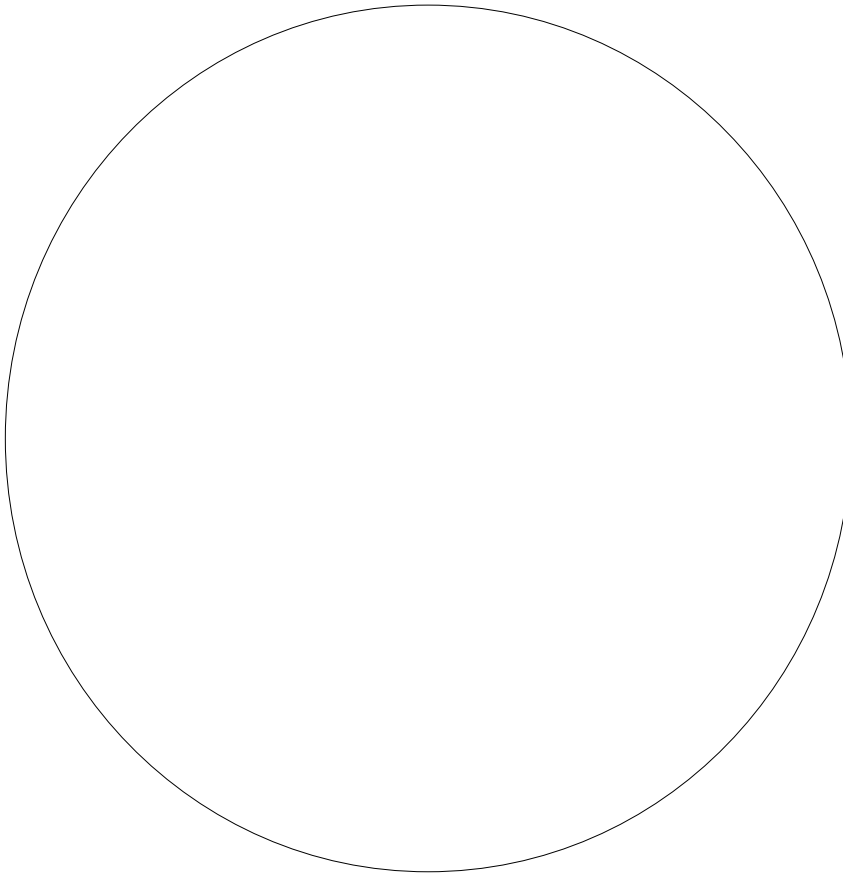
Constellation Orion

Date seen

Seen?

Session Notes

The Ultimate Messier Object Log - Sketch View



Messier # M043

NGC 1982

Magnitude 7.0

Type Diffuse Nebula

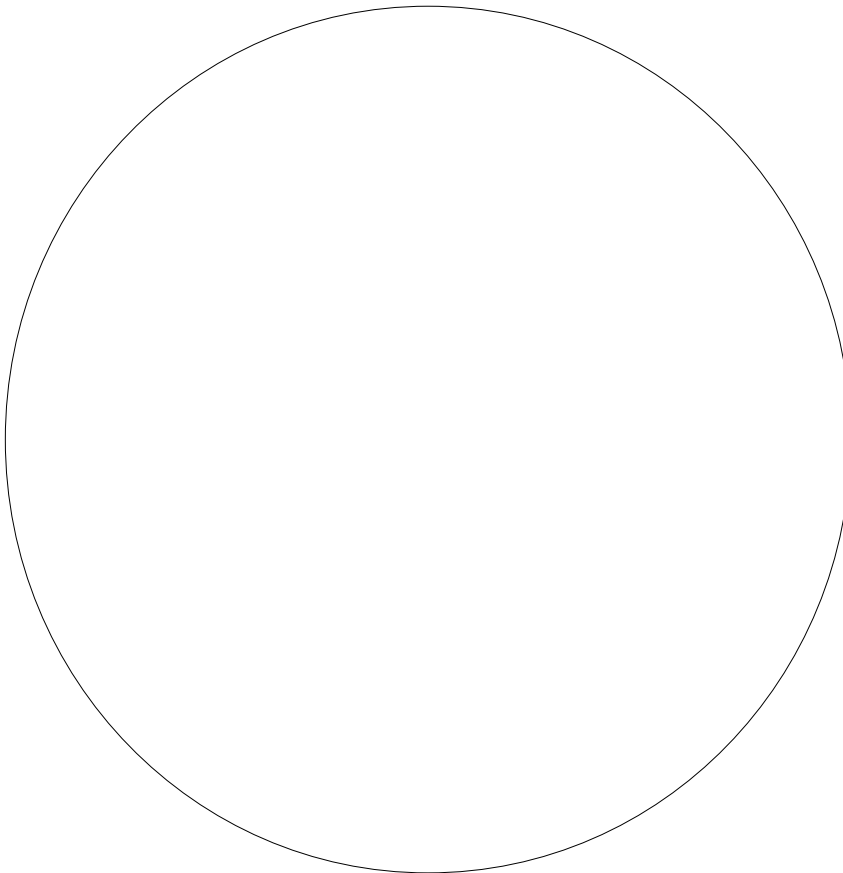
Name (if any) de Mairan's Nebula

Constellation Orion

Date seen

Seen?

Session Notes



Messier # M044

NGC 2632

Magnitude 4.0

Type Open Cluster

Name (if any) Beehive Cluster
(Praesepe)

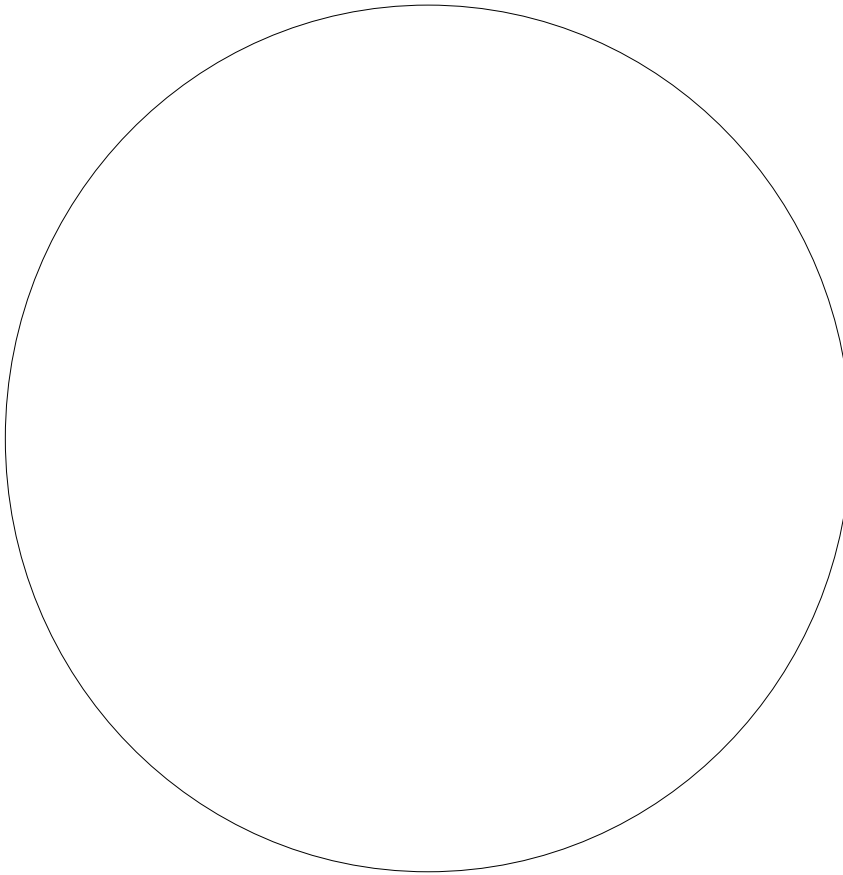
Constellation Cancer

Date seen

Seen?

Session Notes

The Ultimate Messier Object Log - Sketch View



Messier # M045

NGC 1432

Magnitude 1.4

Type Open Cluster

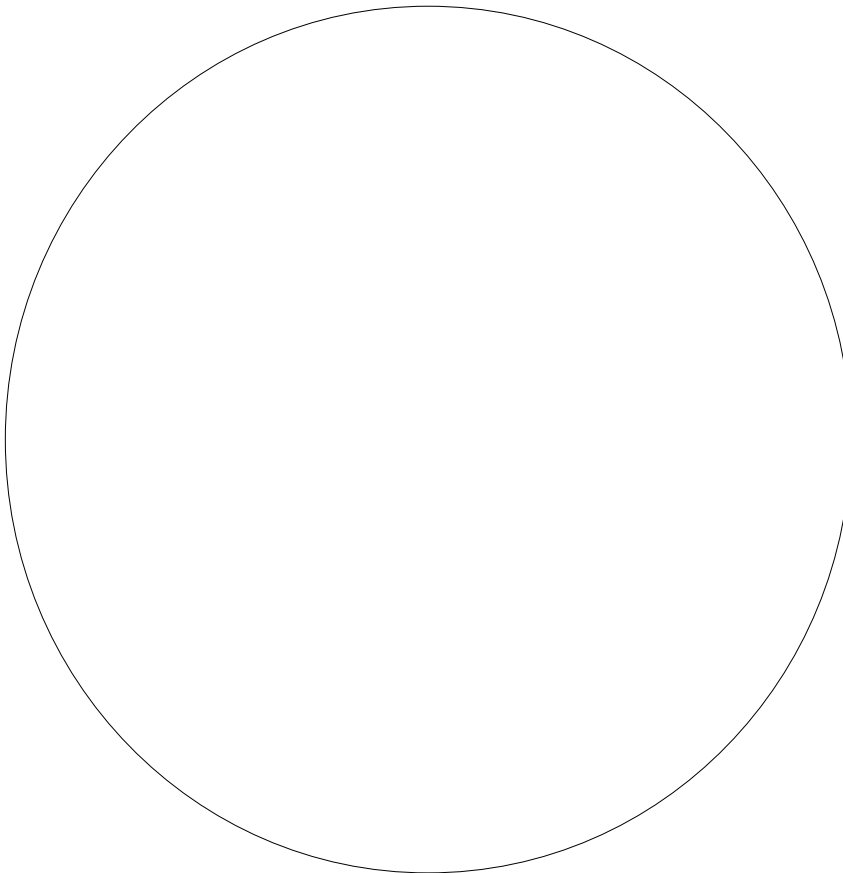
Name (if any) Pleiades, Subaru,
Seven Sisters

Constellation Taurus

Date seen

Seen?

Session Notes



Messier # M046

NGC 2437

Magnitude 6.5

Type Open Cluster

Name (if any) N/A

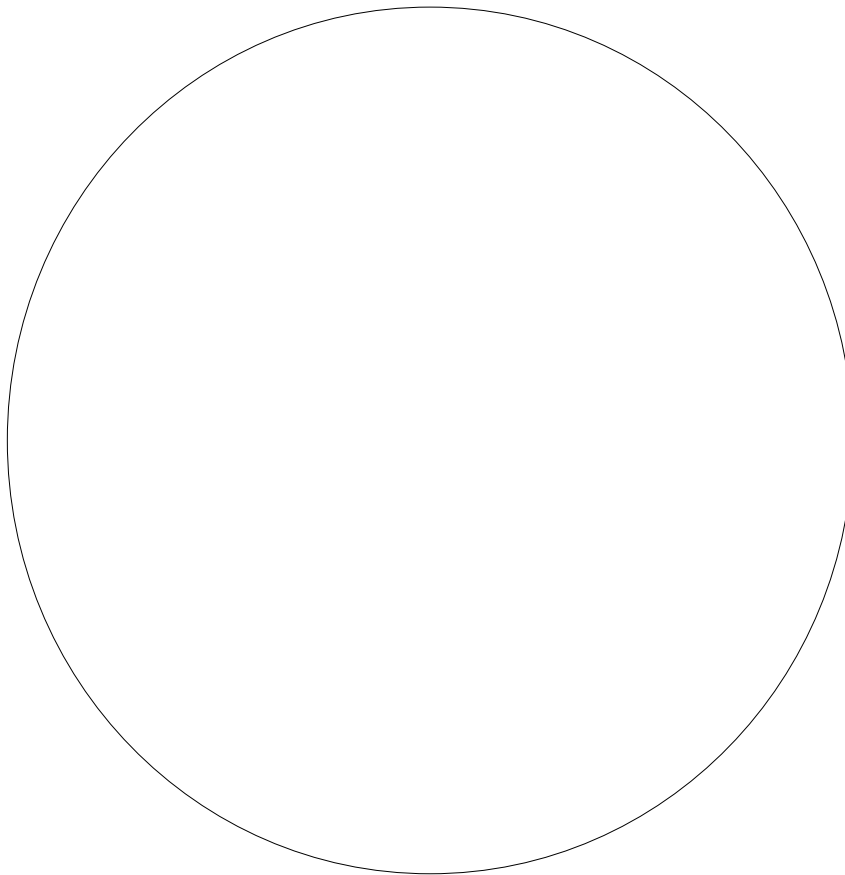
Constellation Puppis

Date seen

Seen?

Session Notes

The Ultimate Messier Object Log - Sketch View



Messier # M047

NGC 2422

Magnitude 4.5

Type Open Cluster

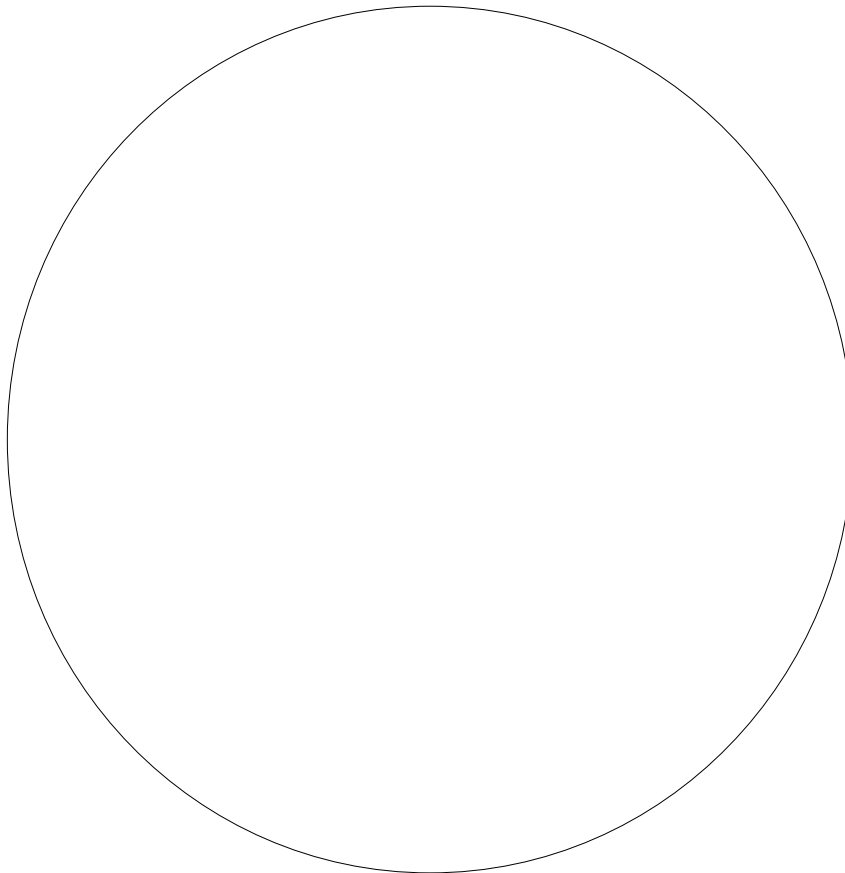
Name (if any) N/A

Constellation Puppis

Date seen

Seen?

Session Notes



Messier # M048

NGC 2548

Magnitude 5.5

Type Open Cluster

Name (if any) N/A

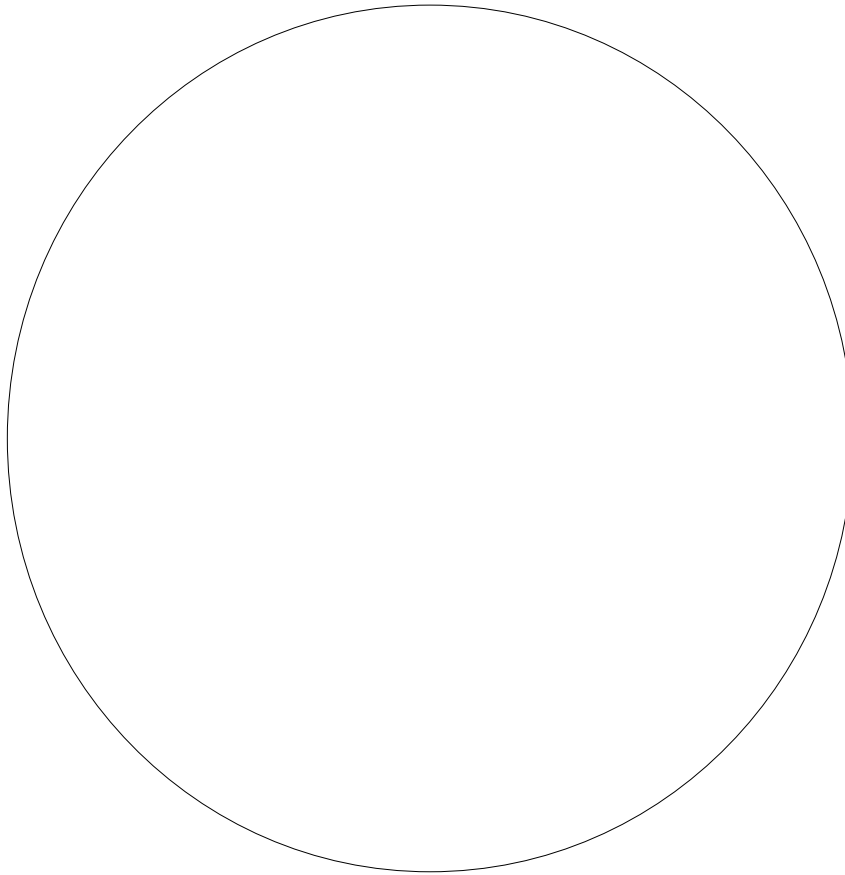
Constellation Hydra

Date seen

Seen?

Session Notes

The Ultimate Messier Object Log - Sketch View



Messier # M049

NGC 4472

Magnitude 10.0

Type Elliptical Galaxy

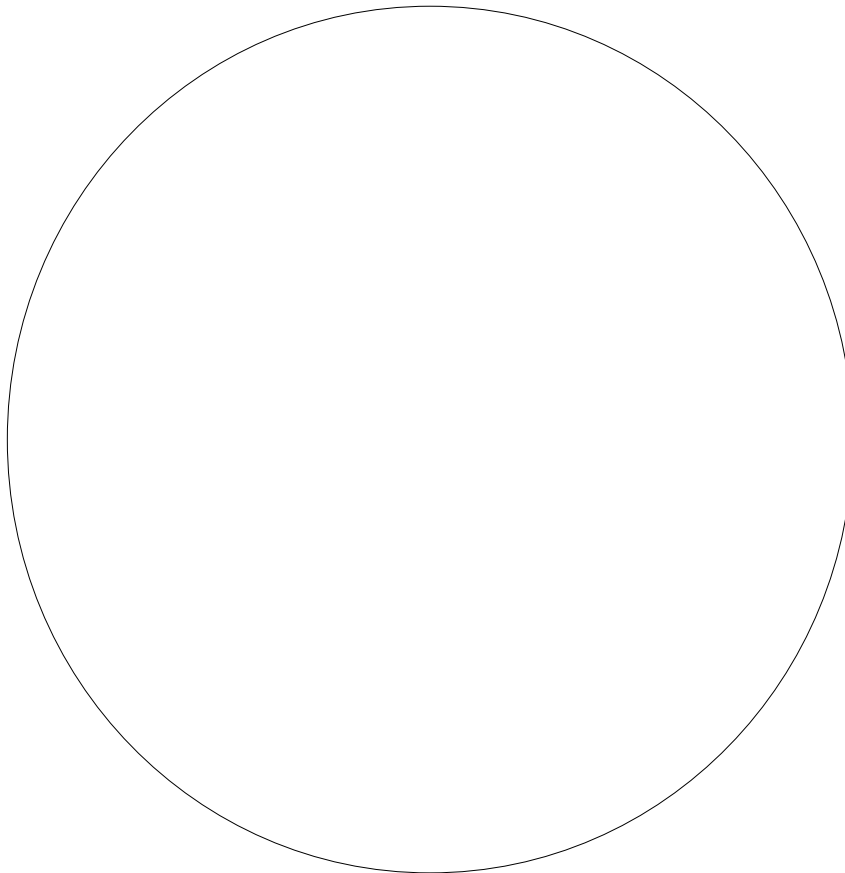
Name (if any) N/A

Constellation Virgo

Date seen

Seen?

Session Notes



Messier # M050

NGC 2323

Magnitude 7.0

Type Open Cluster

Name (if any) N/A

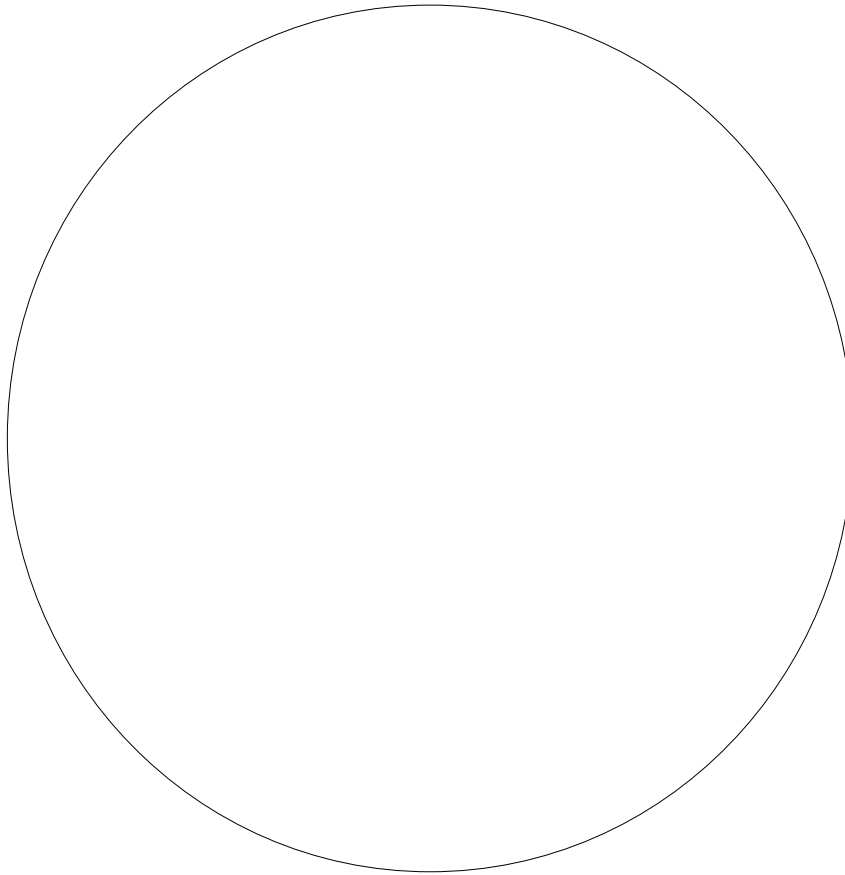
Constellation Monoceros

Date seen

Seen?

Session Notes

The Ultimate Messier Object Log - Sketch View



Messier # M051

NGC 5194

Magnitude 8.0

Type Spiral Galaxy

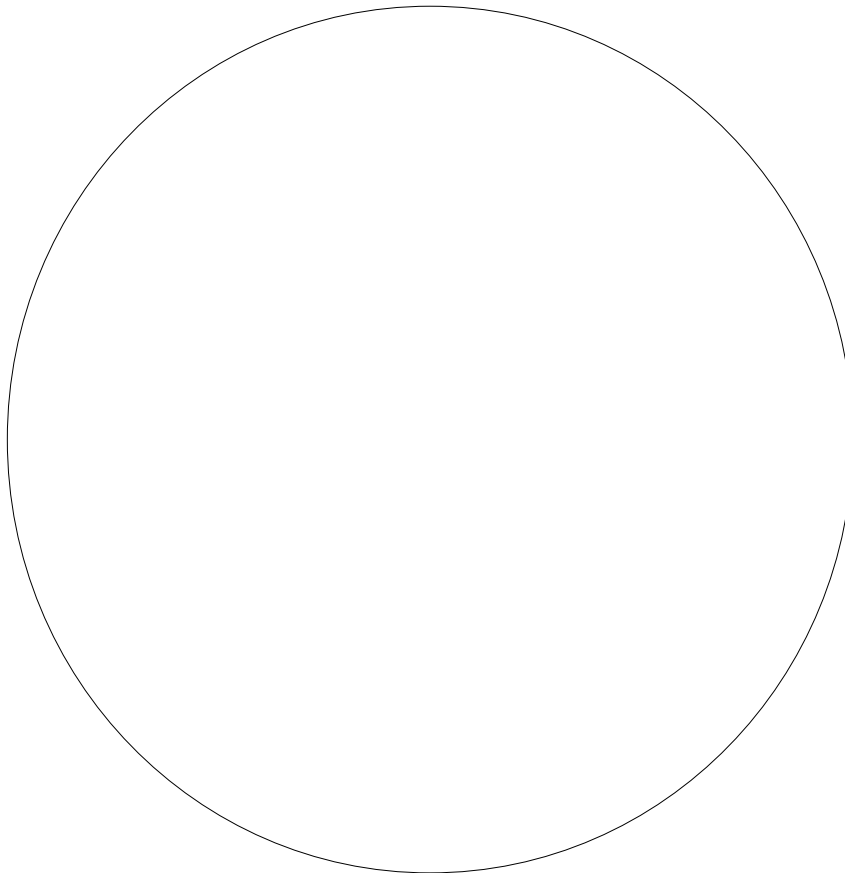
Name (if any) Whirlpool Galaxy

Constellation Ursa Major

Date seen

Seen?

Session Notes



Messier # M052

NGC 7654

Magnitude 8.0

Type Open Cluster

Name (if any) N/A

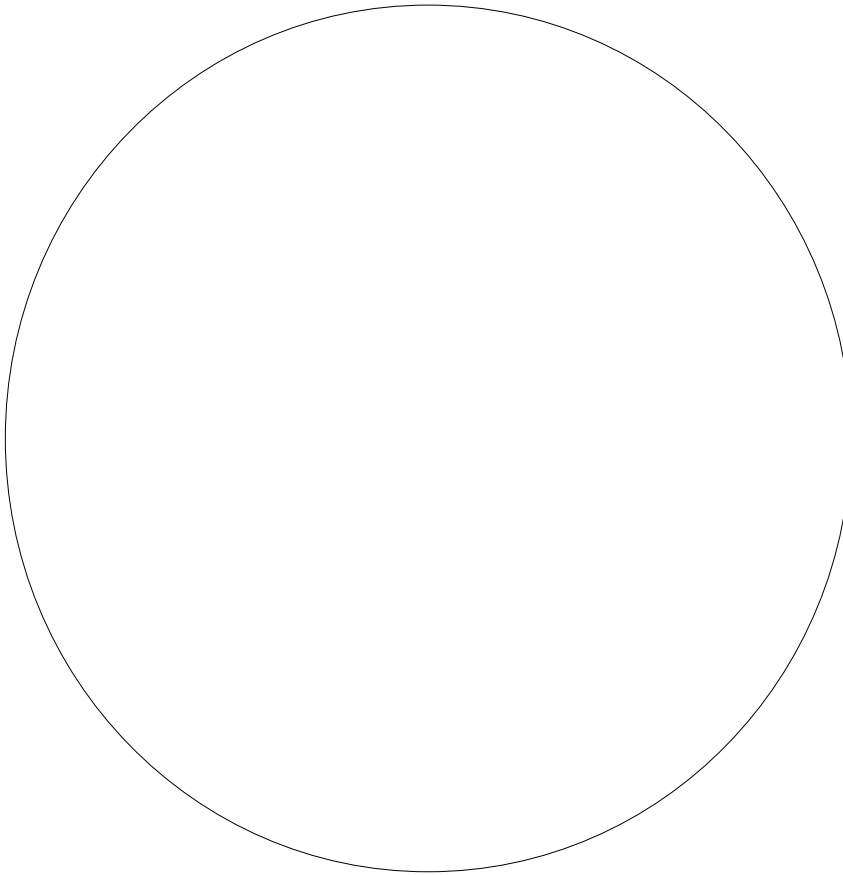
Constellation Cassiopea

Date seen

Seen?

Session Notes

The Ultimate Messier Object Log - Sketch View



Messier # M053

NGC 5024

Magnitude 8.5

Type Globular Cluster

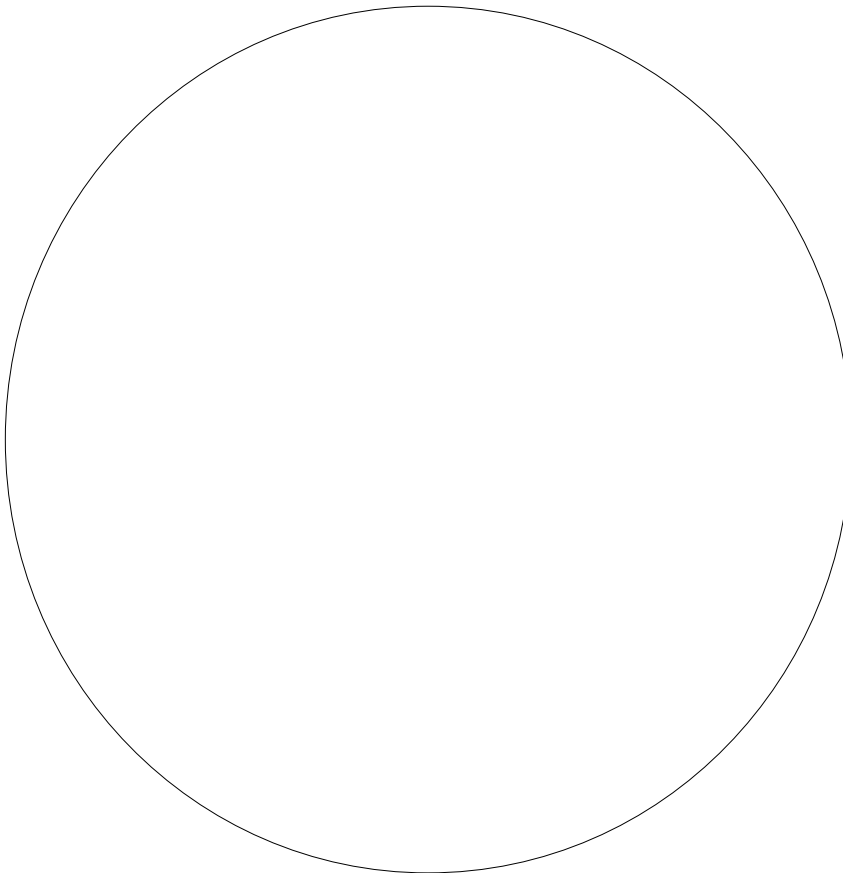
Name (if any) N/A

Constellation Coma Berenices

Date seen

Seen?

Session Notes



Messier # M054

NGC 6715

Magnitude 8.5

Type Globular Cluster

Name (if any) N/A

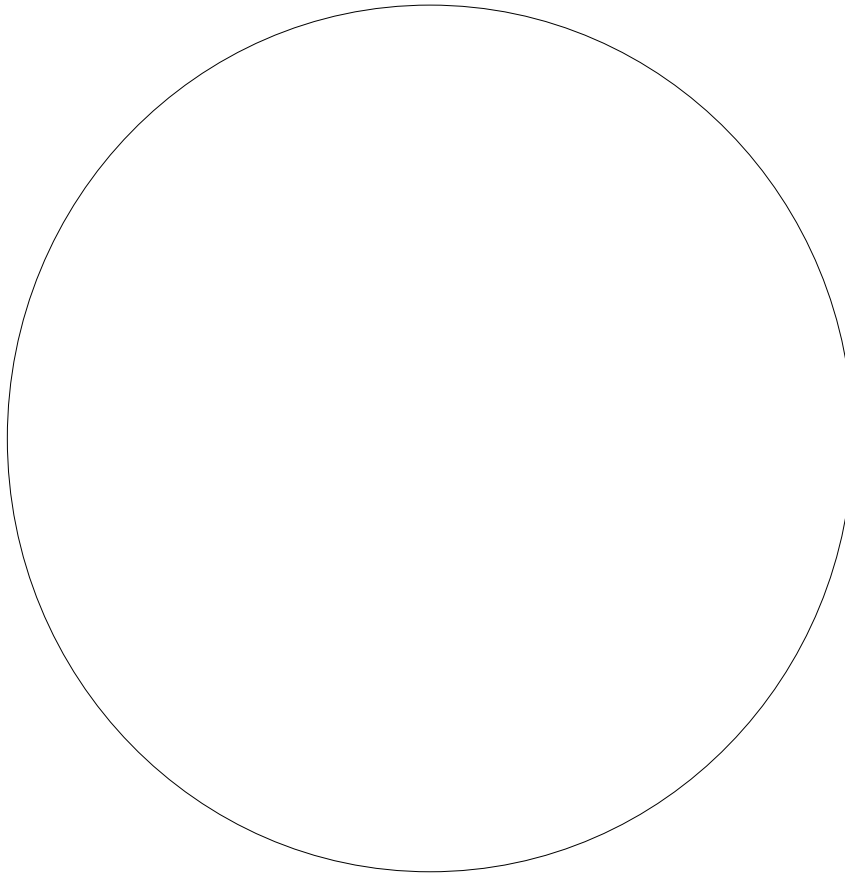
Constellation Sagittarius

Date seen

Seen?

Session Notes

The Ultimate Messier Object Log - Sketch View



Messier # M055

NGC 6809

Magnitude 7.0

Type Globular Cluster

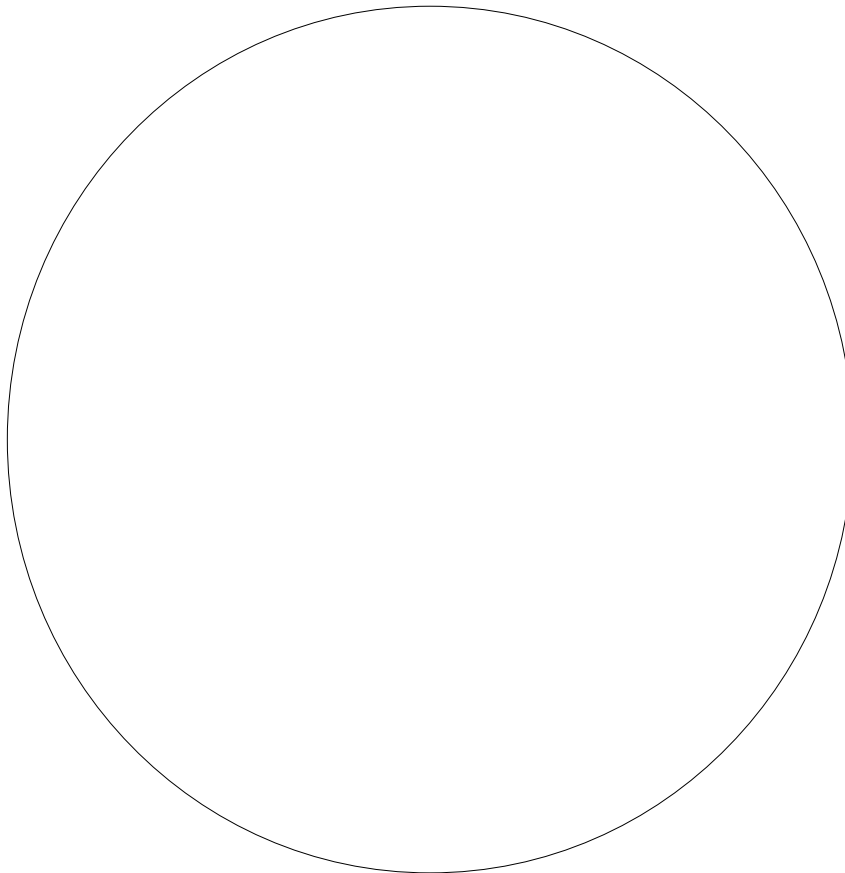
Name (if any) N/A

Constellation Sagittarius

Date seen

Seen?

Session Notes



Messier # M056

NGC 6779

Magnitude 9.5

Type Globular Cluster

Name (if any) N/A

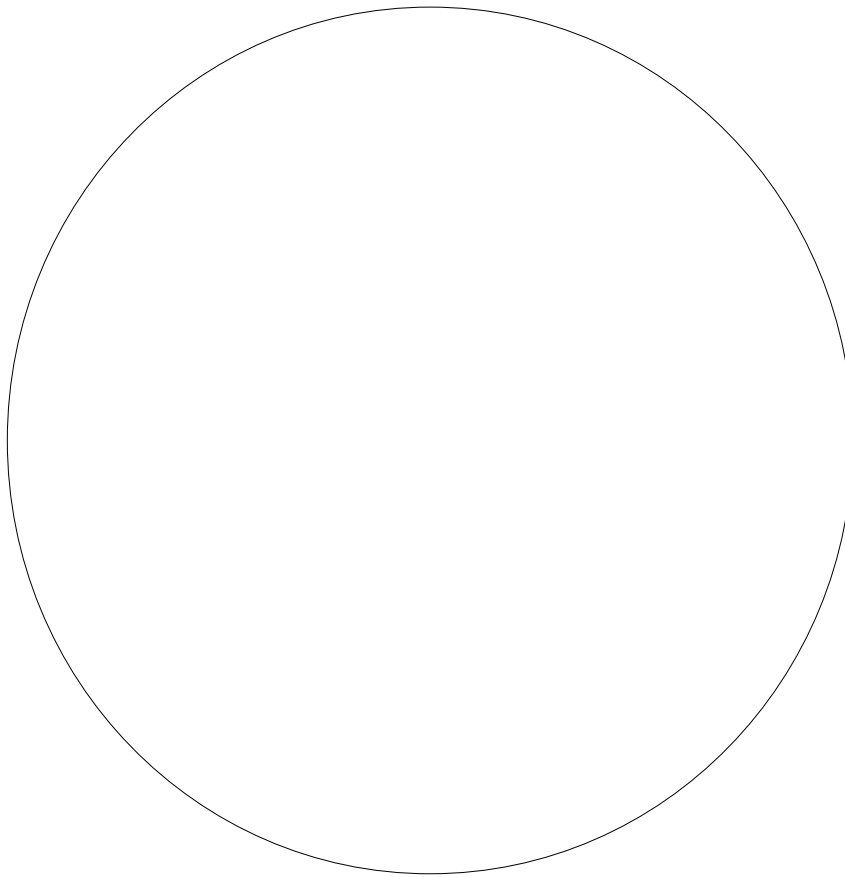
Constellation Lyra

Date seen

Seen?

Session Notes

The Ultimate Messier Object Log - Sketch View



Messier # M057

NGC 6720

Magnitude 9.5

Type Planetary Nebula

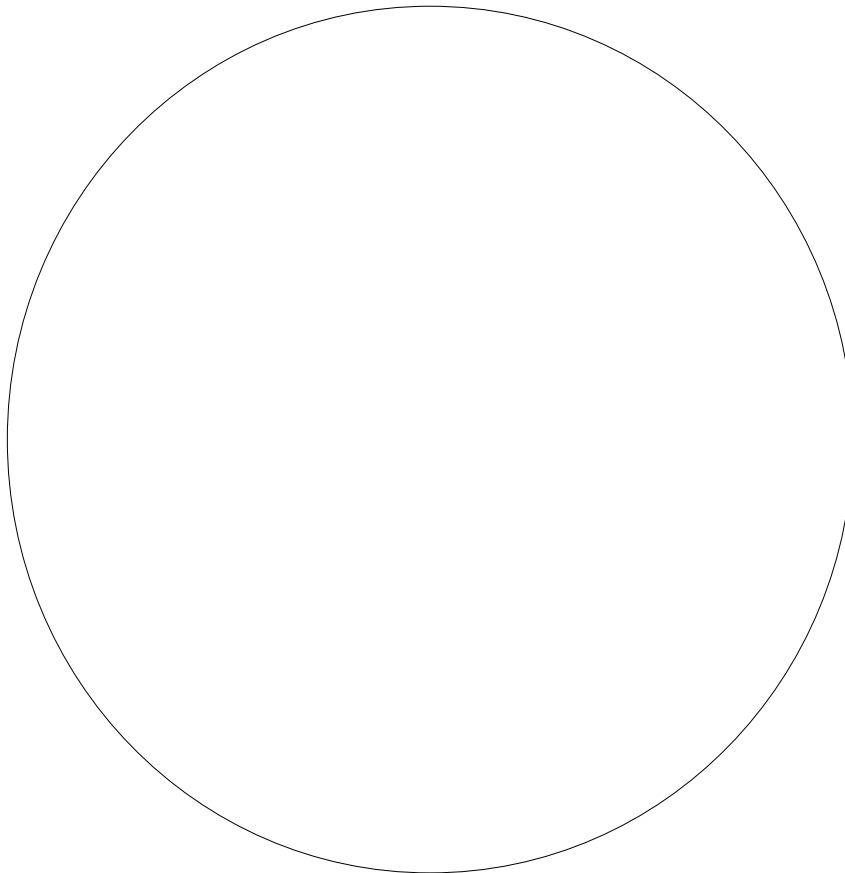
Name (if any) Ring Nebula

Constellation Lyra

Date seen

Seen?

Session Notes



Messier # M058

NGC 4579

Magnitude 11.0

Type Spiral Galaxy

Name (if any) N/A

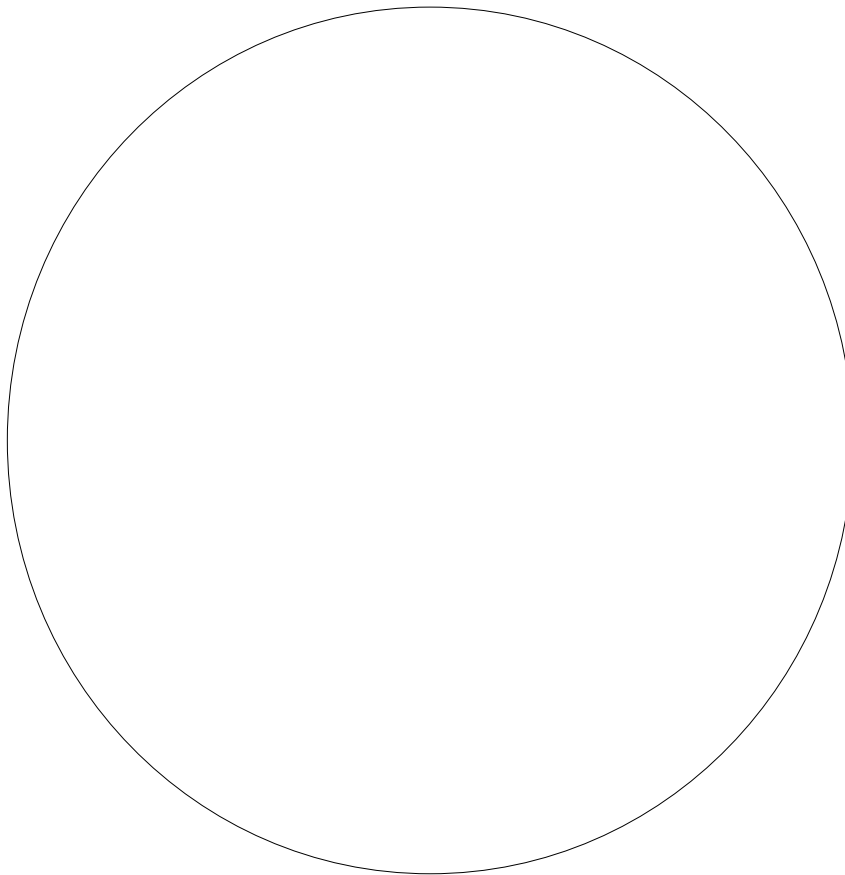
Constellation Virgo

Date seen

Seen?

Session Notes

The Ultimate Messier Object Log - Sketch View



Messier # M059

NGC 4621

Magnitude 11.5

Type Elliptical Galaxy

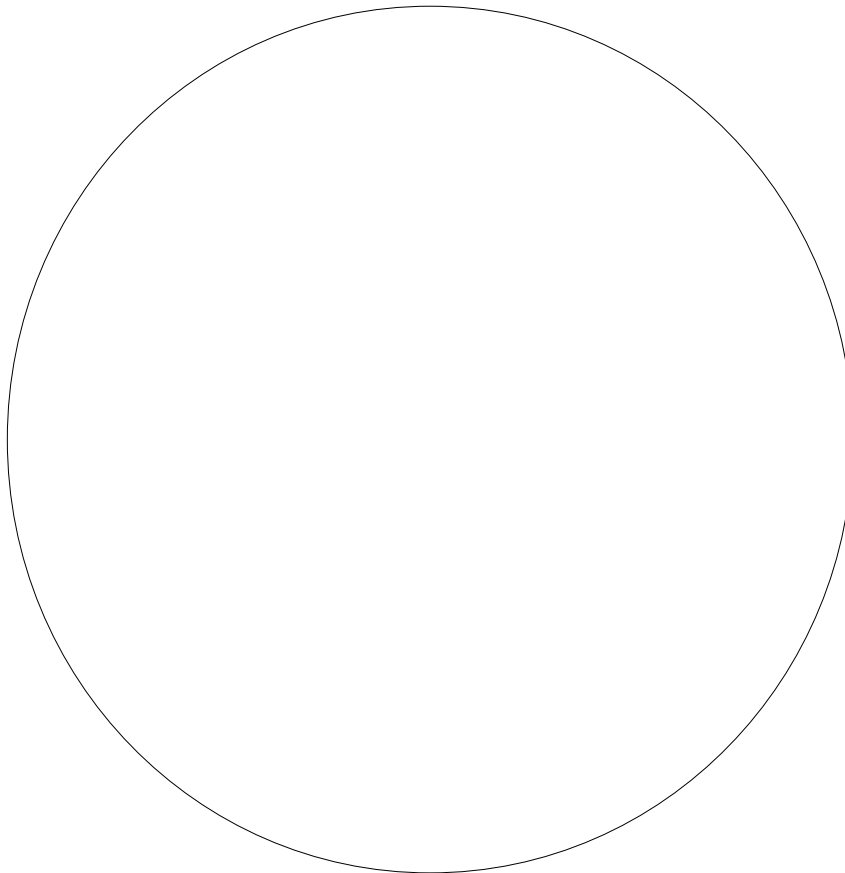
Name (if any) N/A

Constellation Virgo

Date seen

Seen?

Session Notes



Messier # M060

NGC 4649

Magnitude 10.5

Type Elliptical Galaxy

Name (if any) N/A

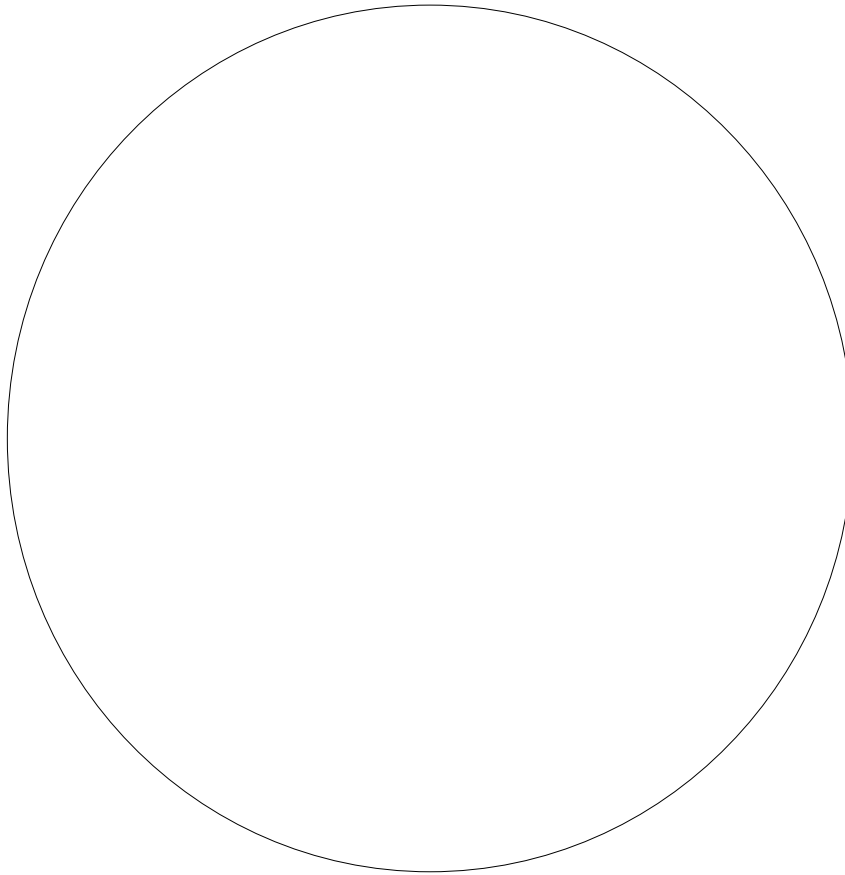
Constellation Virgo

Date seen

Seen?

Session Notes

The Ultimate Messier Object Log - Sketch View



Messier # M061

NGC 4303

Magnitude 10.5

Type Spiral Galaxy

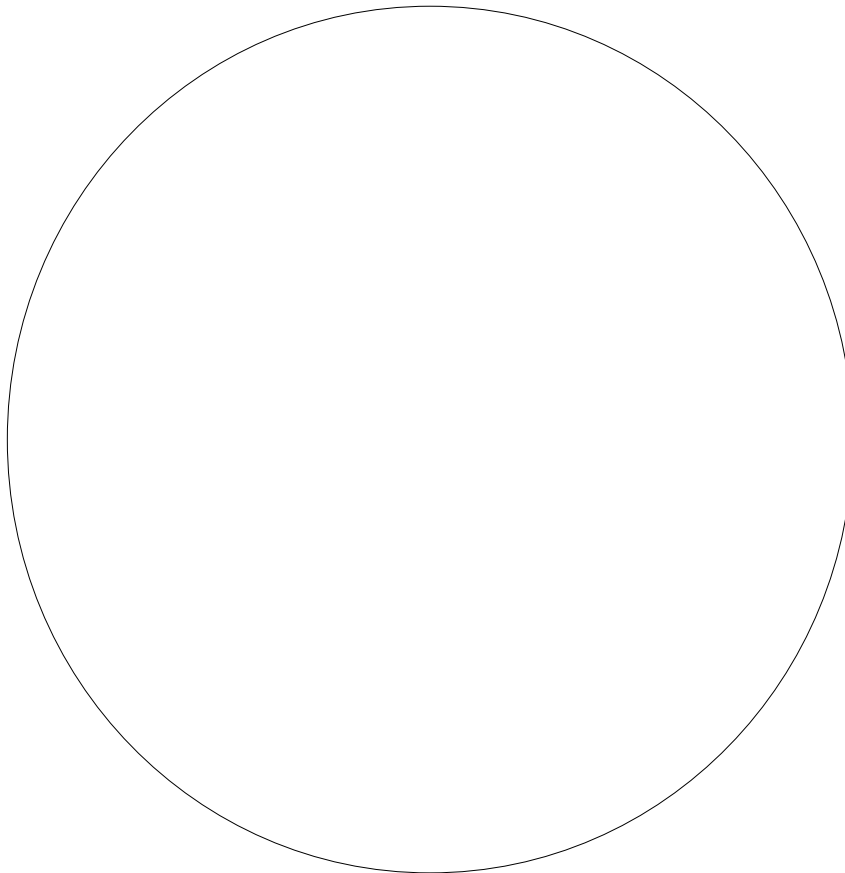
Name (if any) N/A

Constellation Virgo

Date seen

Seen?

Session Notes



Messier # M062

NGC 6266

Magnitude 8.0

Type Globular Cluster

Name (if any) N/A

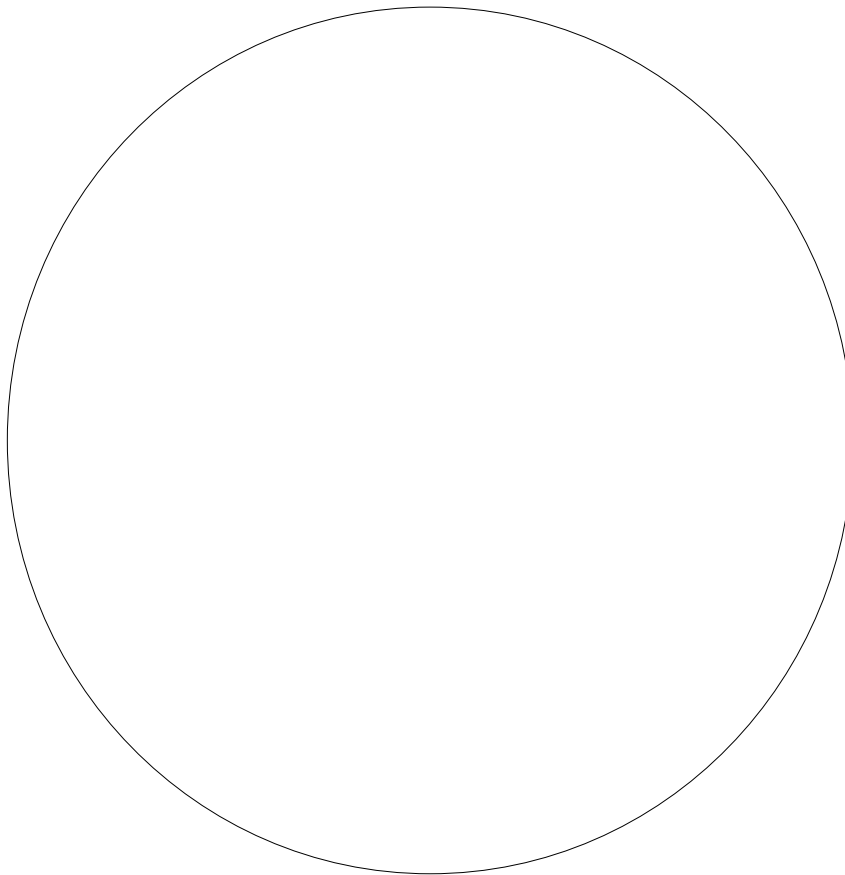
Constellation Ophiucus

Date seen

Seen?

Session Notes

The Ultimate Messier Object Log - Sketch View



Messier # M063

NGC 5055

Magnitude 8.5

Type Spiral Galaxy

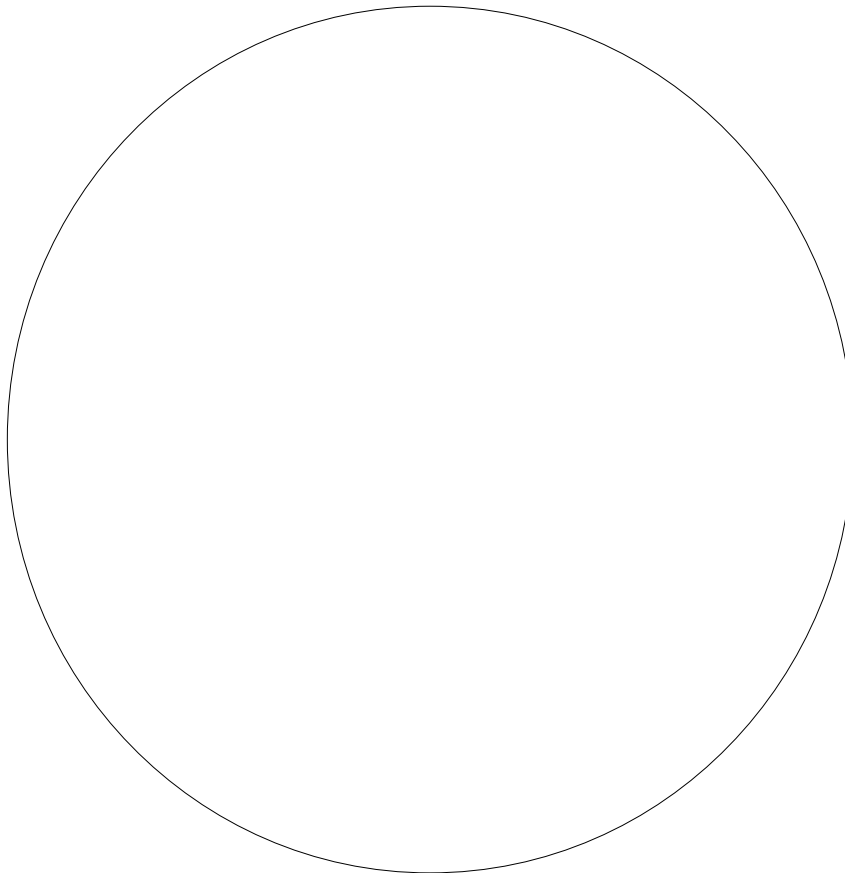
Name (if any) Sunflower Galaxy

Constellation Canes Venatici

Date seen

Seen?

Session Notes



Messier # M064

NGC 4826

Magnitude 9.0

Type Spiral Galaxy

Name (if any) Blackeye Galaxy

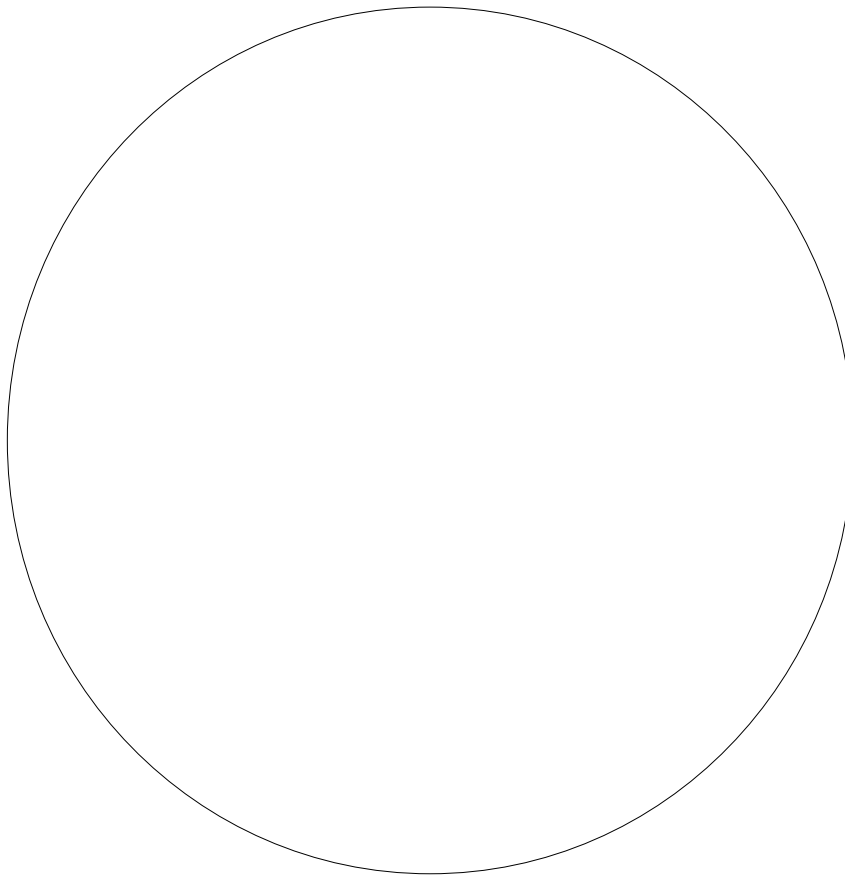
Constellation Coma Berenices

Date seen

Seen?

Session Notes

The Ultimate Messier Object Log - Sketch View



Messier # M065

NGC 3623

Magnitude 10.5

Type Spiral Galaxy

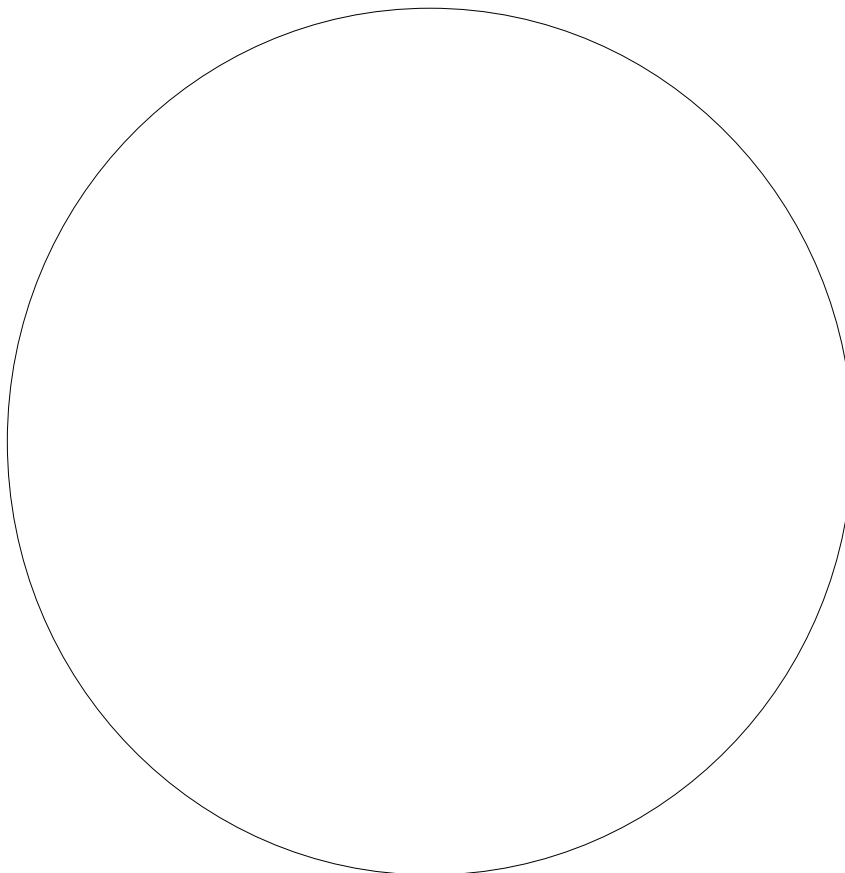
Name (if any) N/A

Constellation Leo

Date seen

Seen?

Session Notes



Messier # M066

NGC 3627

Magnitude 10.0

Type Spiral Galaxy

Name (if any) N/A

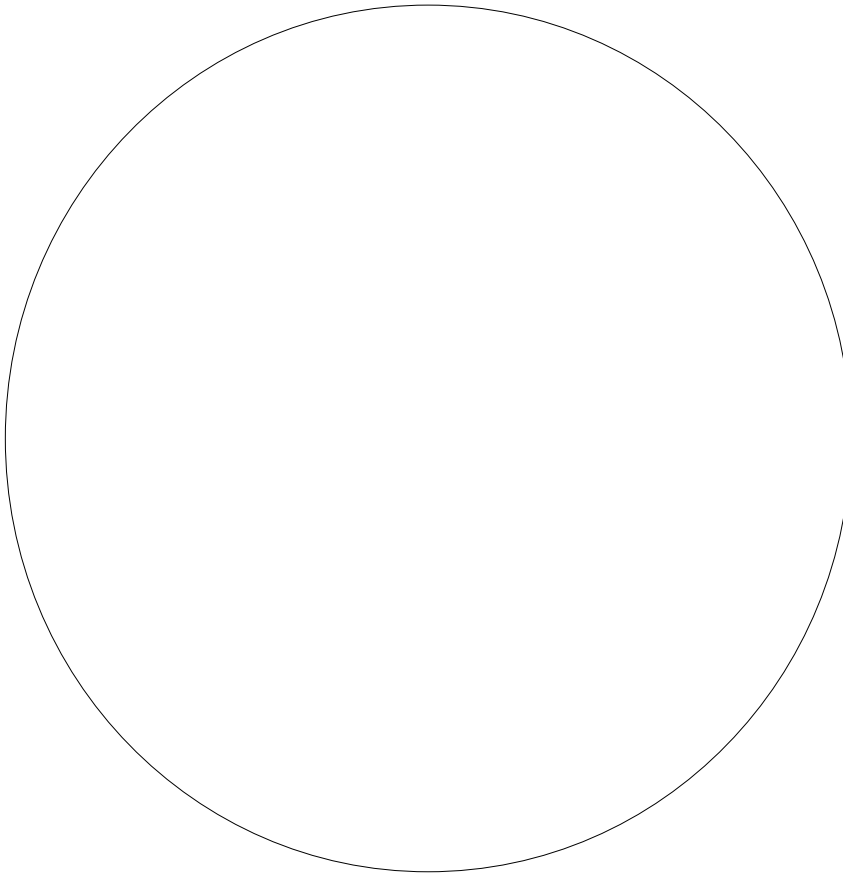
Constellation Leo

Date seen

Seen?

Session Notes

The Ultimate Messier Object Log - Sketch View



Messier # M067

NGC 2628

Magnitude 7.5

Type Open Cluster

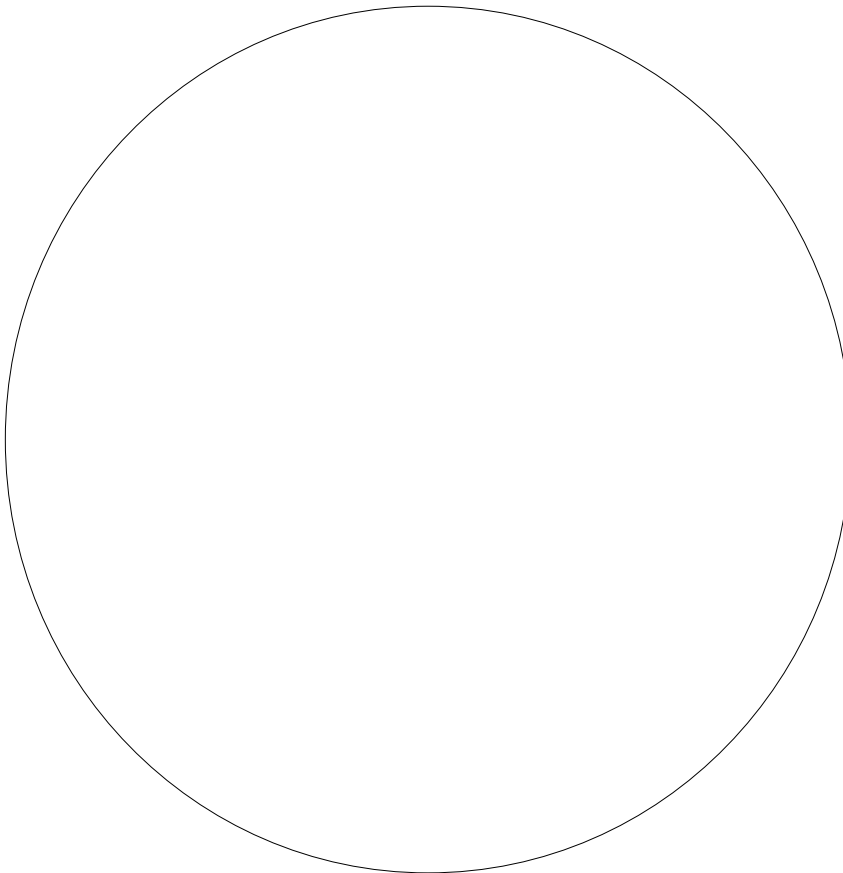
Name (if any) N/A

Constellation Cancer

Date seen

Seen?

Session Notes



Messier # M068

NGC 4590

Magnitude 9.0

Type Globular Cluster

Name (if any) N/A

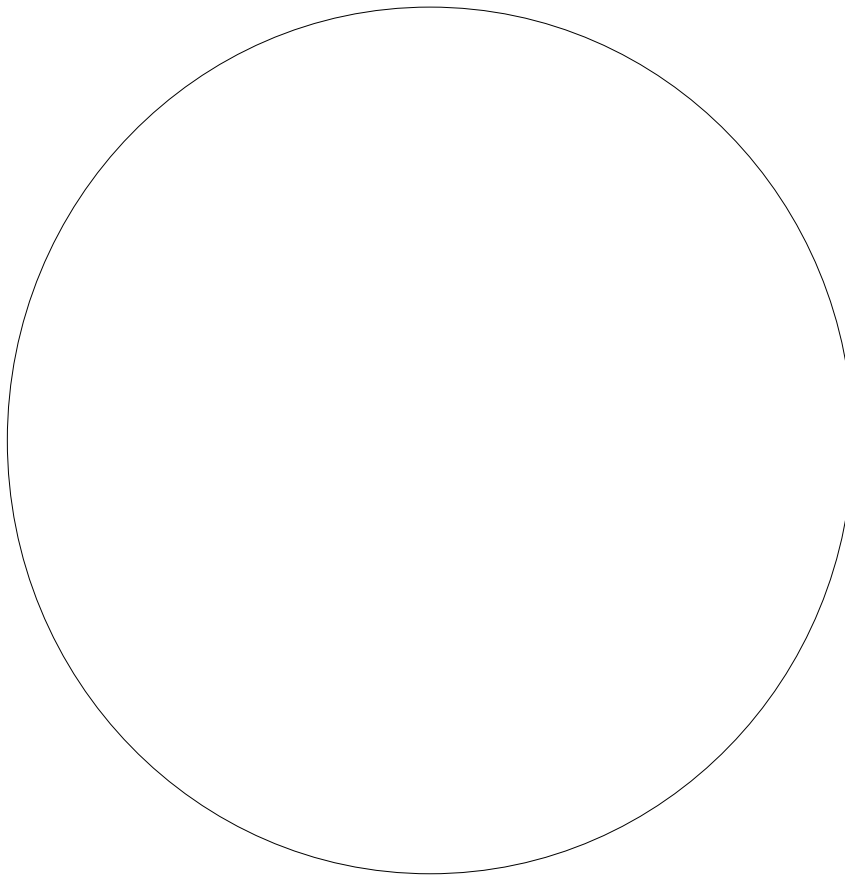
Constellation Hydra

Date seen

Seen?

Session Notes

The Ultimate Messier Object Log - Sketch View



Messier # M069

NGC 6637

Magnitude 9.0

Type Globular Cluster

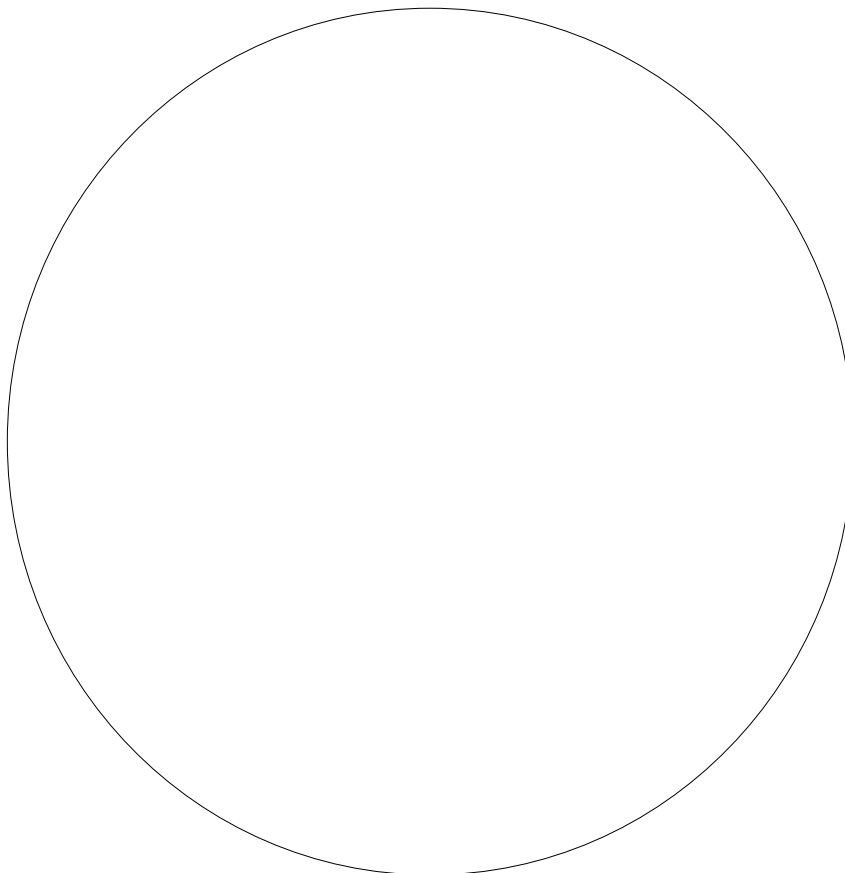
Name (if any) N/A

Constellation Sagittarius

Date seen

Seen?

Session Notes



Messier # M070

NGC 6681

Magnitude 9.0

Type Globular Cluster

Name (if any) N/A

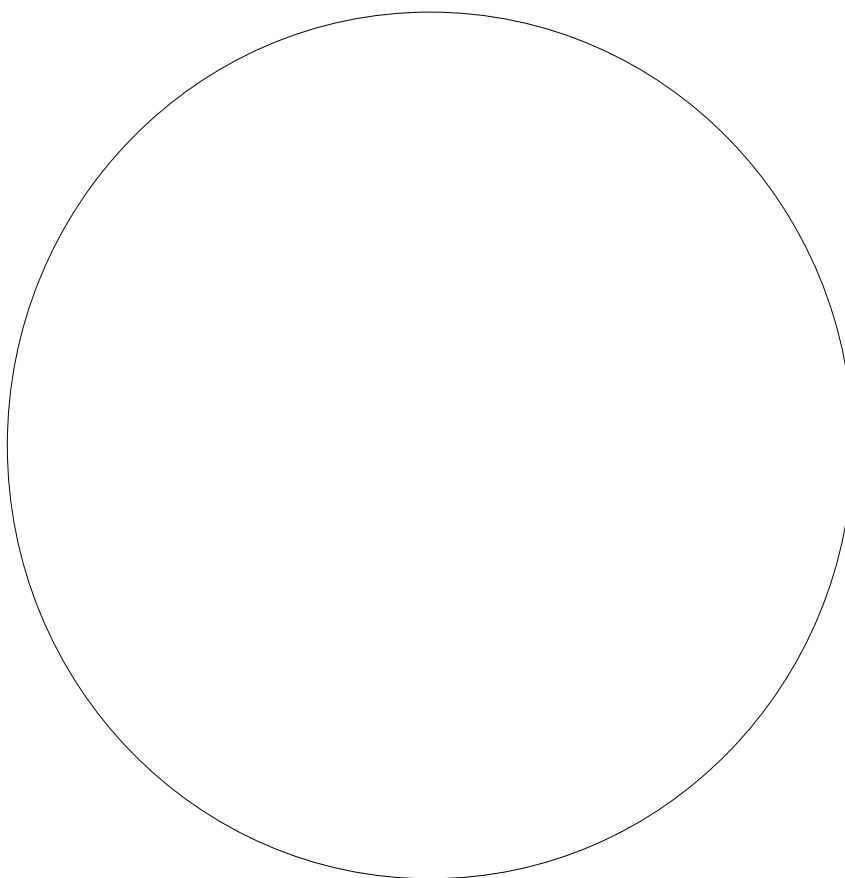
Constellation Sagittarius

Date seen

Seen?

Session Notes

The Ultimate Messier Object Log - Sketch View



Messier # M071

NGC 6838

Magnitude 8.5

Type Globular Cluster

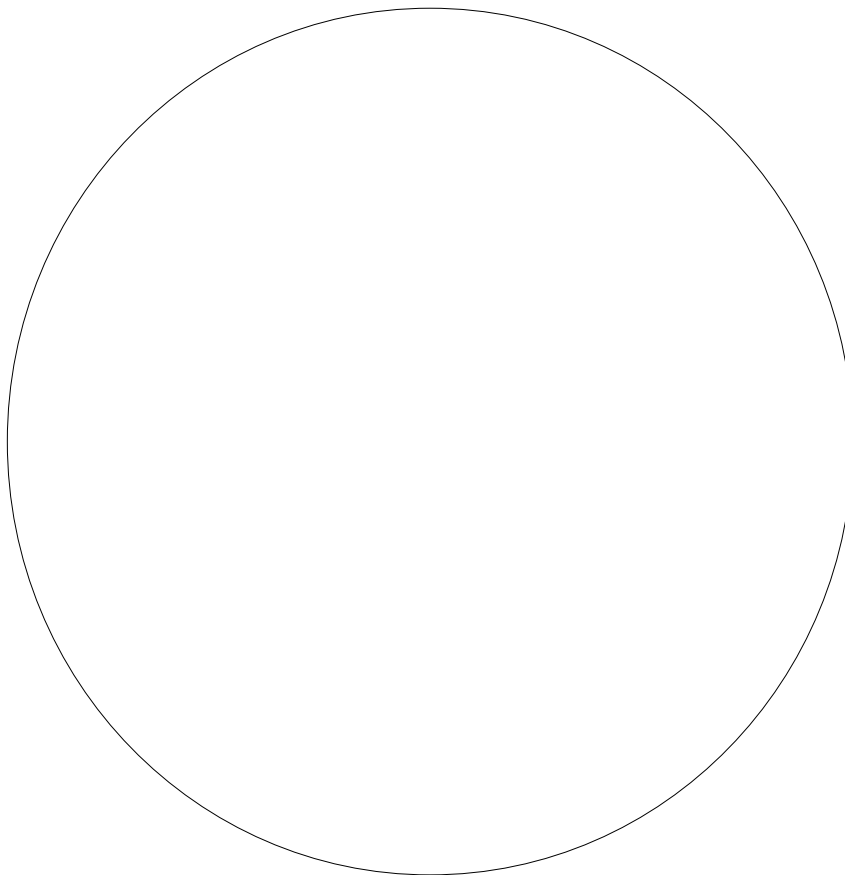
Name (if any) N/A

Constellation Sagitta

Date seen

Seen?

Session Notes



Messier # M072

NGC 6981

Magnitude 10.0

Type Globular Cluster

Name (if any) N/A

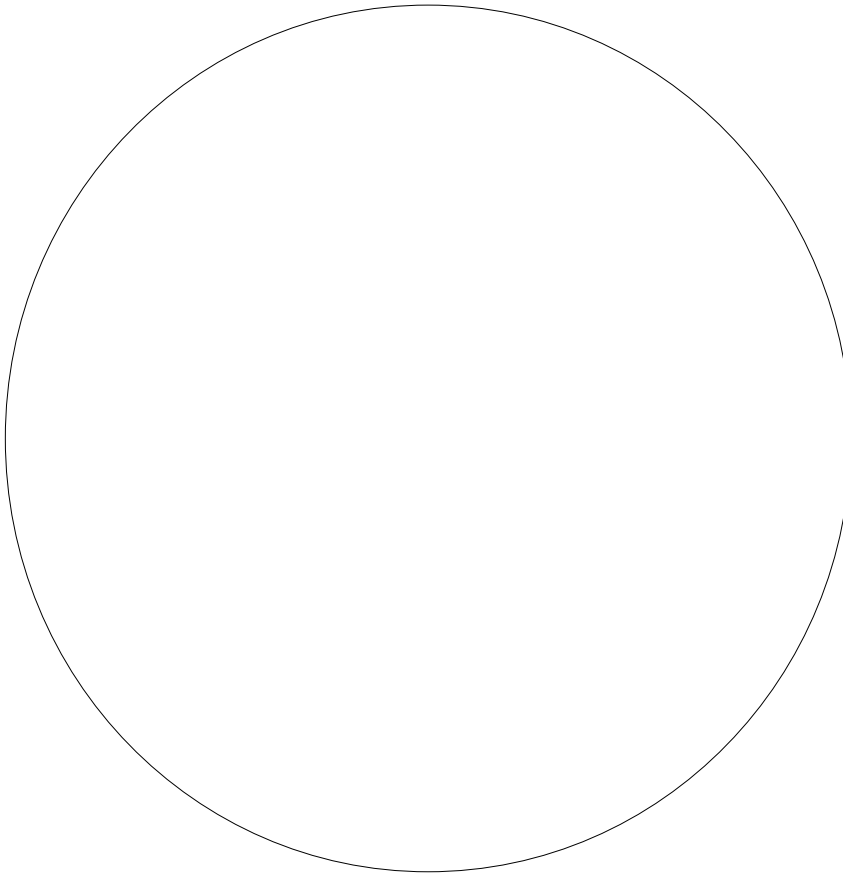
Constellation Aquarius

Date seen

Seen?

Session Notes

The Ultimate Messier Object Log - Sketch View



Messier # M073

NGC 6994

Magnitude 9.0

Type Group/Asterism

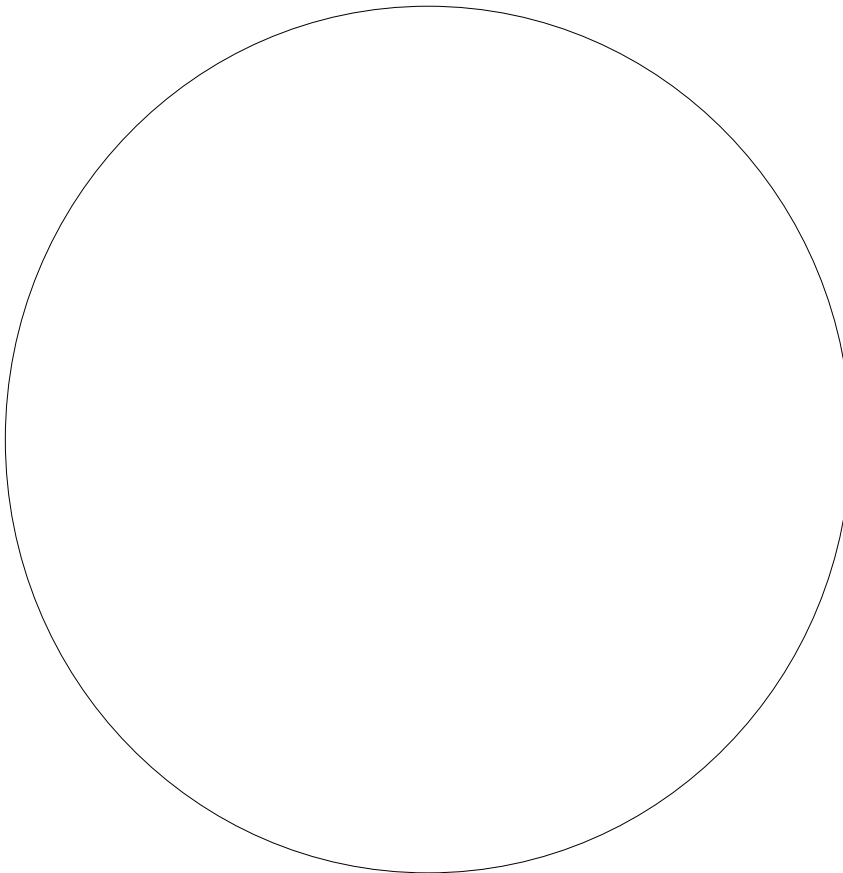
Name (if any) N/A

Constellation Aquarius

Date seen

Seen?

Session Notes



Messier # M074

NGC 0628

Magnitude 10.5

Type Spiral Galaxy

Name (if any) N/A

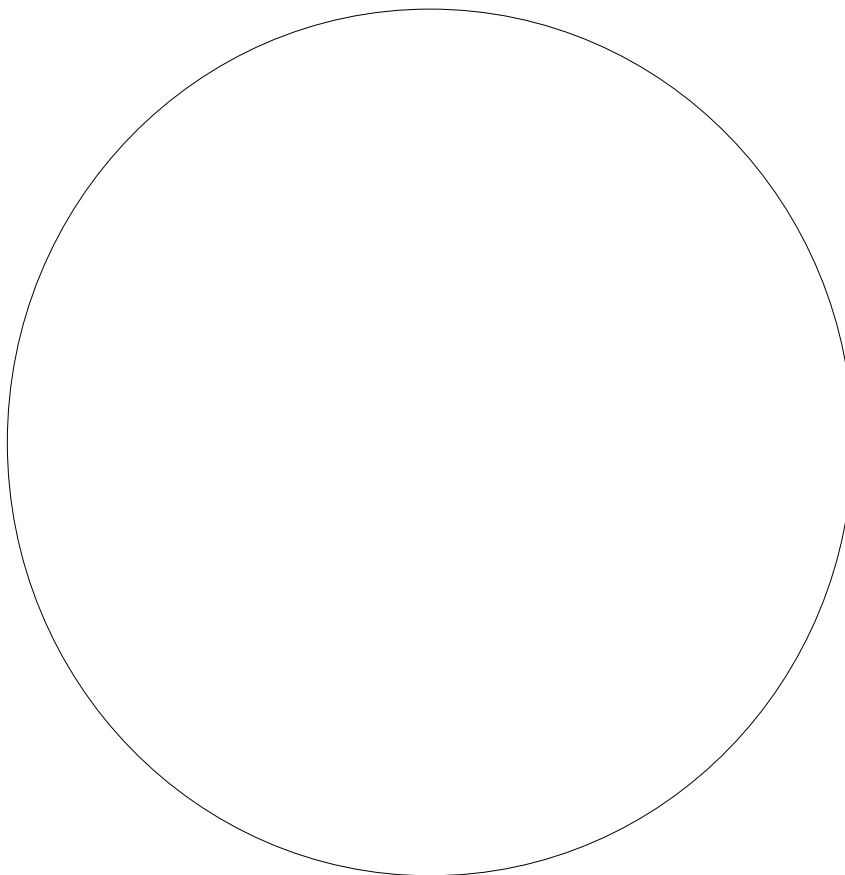
Constellation Pisces

Date seen

Seen?

Session Notes

The Ultimate Messier Object Log - Sketch View



Messier # M075

NGC 6864

Magnitude 9.5

Type Globular Cluster

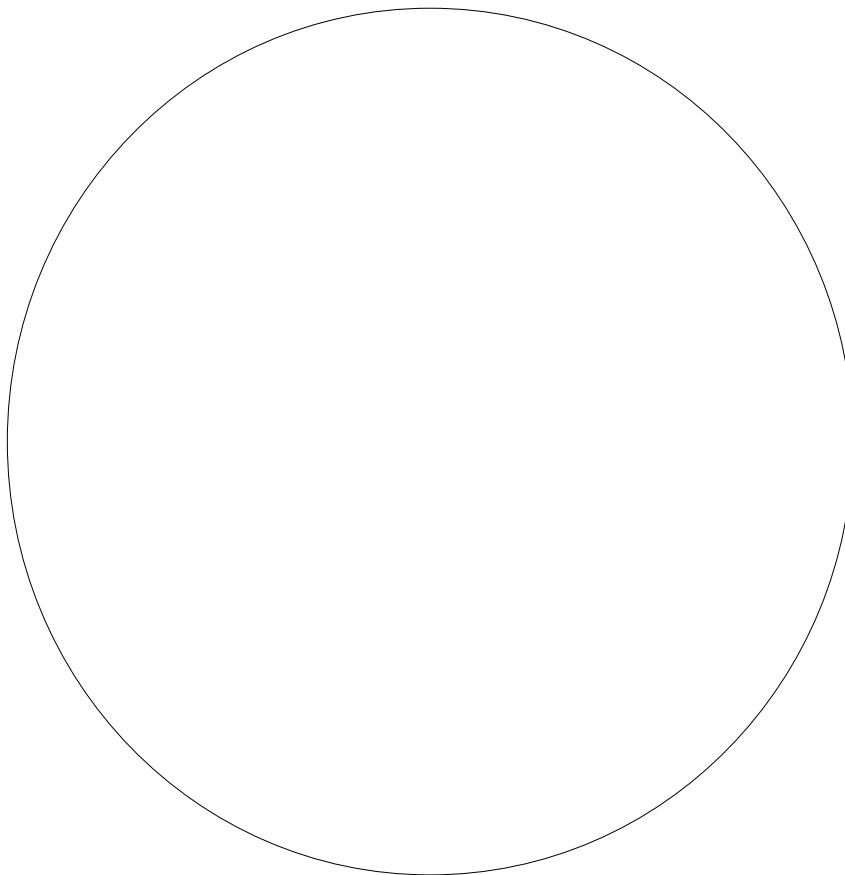
Name (if any) N/A

Constellation Sagittarius

Date seen

Seen?

Session Notes



Messier # M076

NGC 0650

Magnitude 12.0

Type Planetary Nebula

Name (if any) Little Dumbell, Cork,
Butterfly Nebula

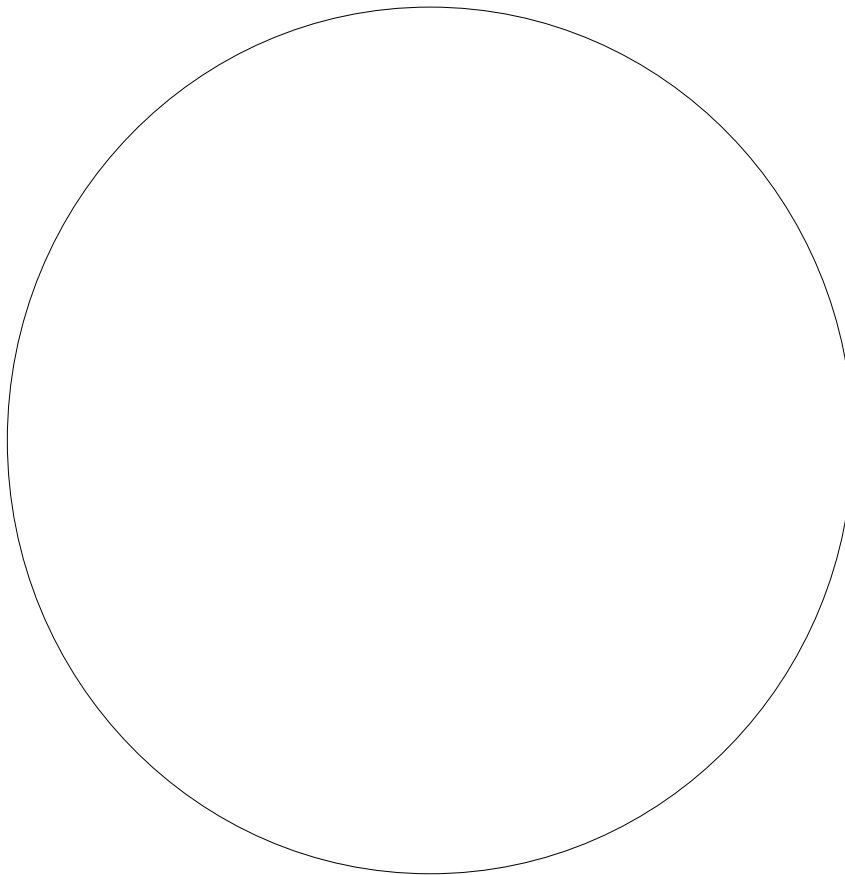
Constellation Perseus

Date seen

Seen?

Session Notes

The Ultimate Messier Object Log - Sketch View



Messier # M077

NGC 1068

Magnitude 10.5

Type Spiral Galaxy

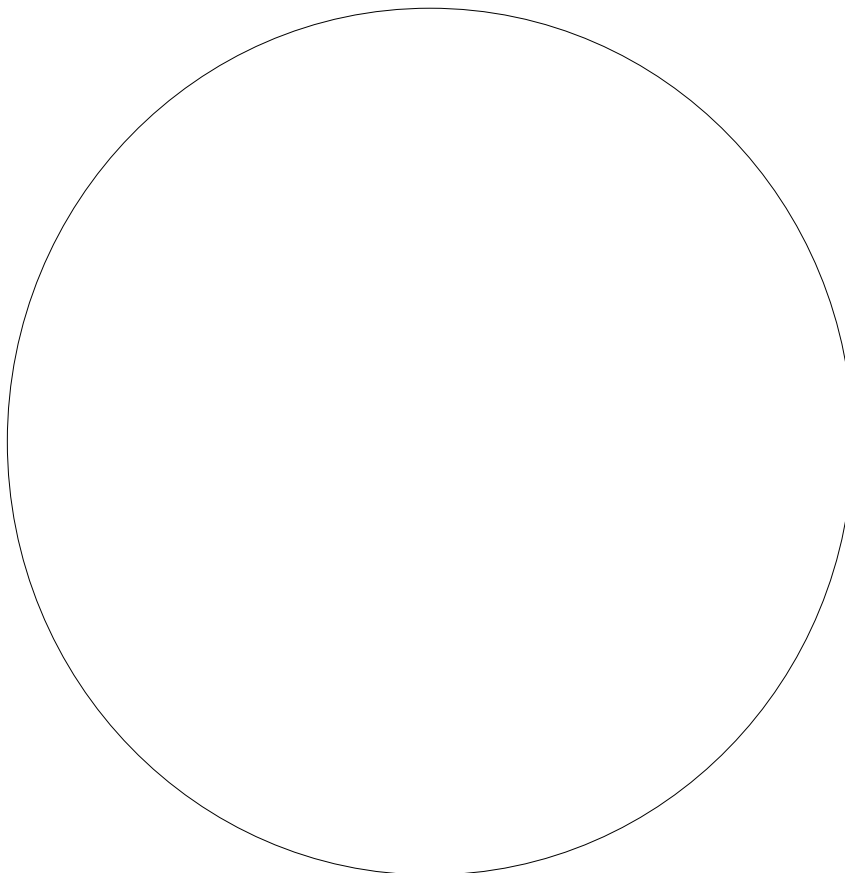
Name (if any) N/A

Constellation Cetus

Date seen

Seen?

Session Notes



Messier # M078

NGC 2068

Magnitude 8.0

Type Diffuse Nebula

Name (if any) N/A

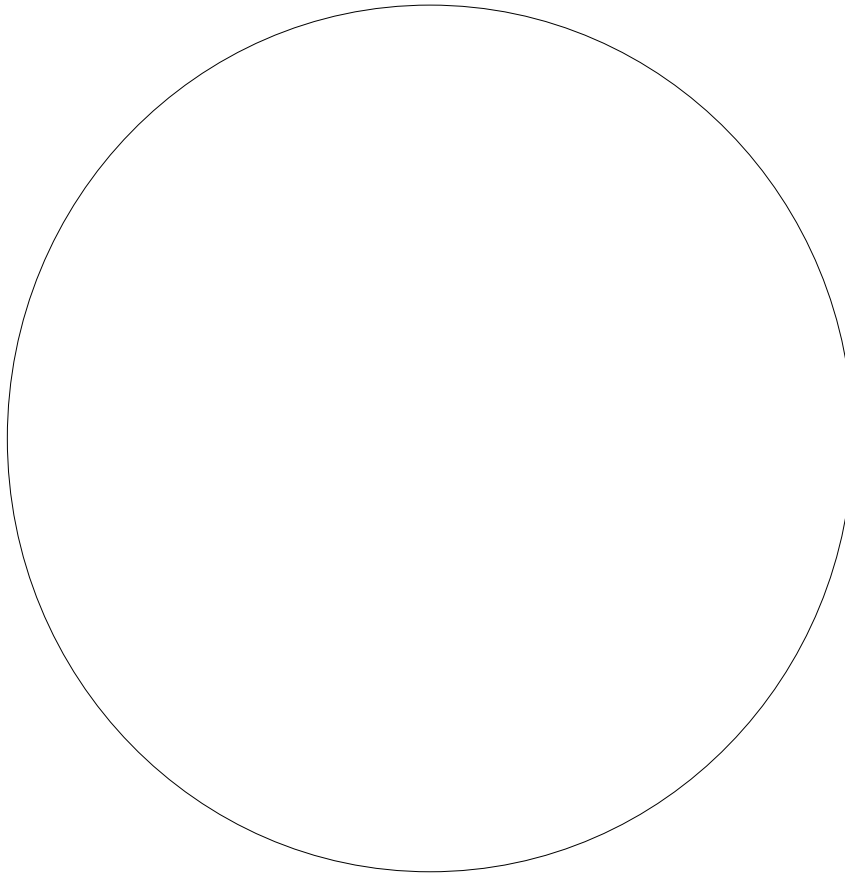
Constellation Orion

Date seen

Seen?

Session Notes

The Ultimate Messier Object Log - Sketch View



Messier # M079

NGC 1904

Magnitude 8.5

Type Globular Cluster

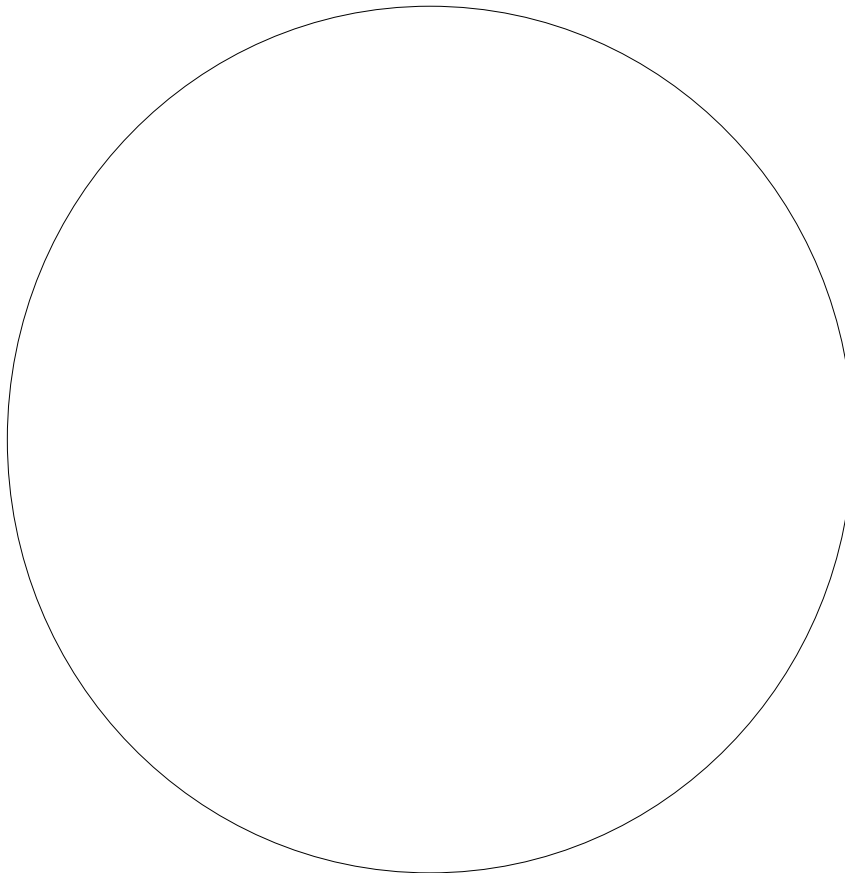
Name (if any) N/A

Constellation Lepus

Date seen

Seen?

Session Notes



Messier # M080

NGC 6093

Magnitude 8.5

Type Globular Cluster

Name (if any) N/A

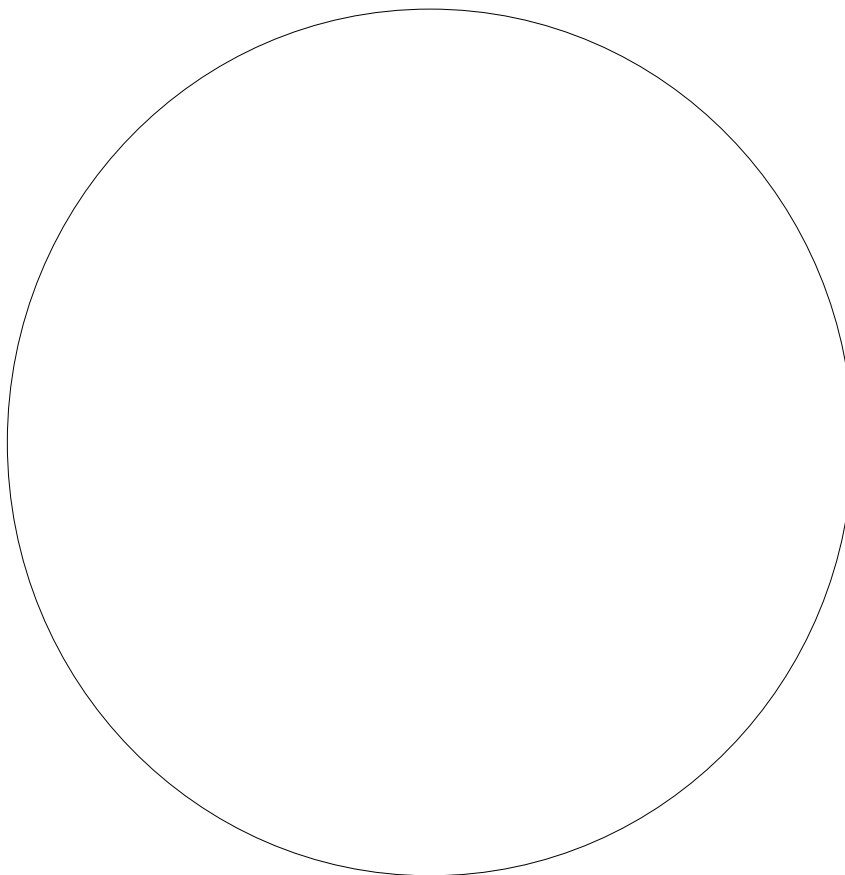
Constellation Scorpius

Date seen

Seen?

Session Notes

The Ultimate Messier Object Log - Sketch View



Messier # M081

NGC 3031

Magnitude 8.5

Type Spiral Galaxy

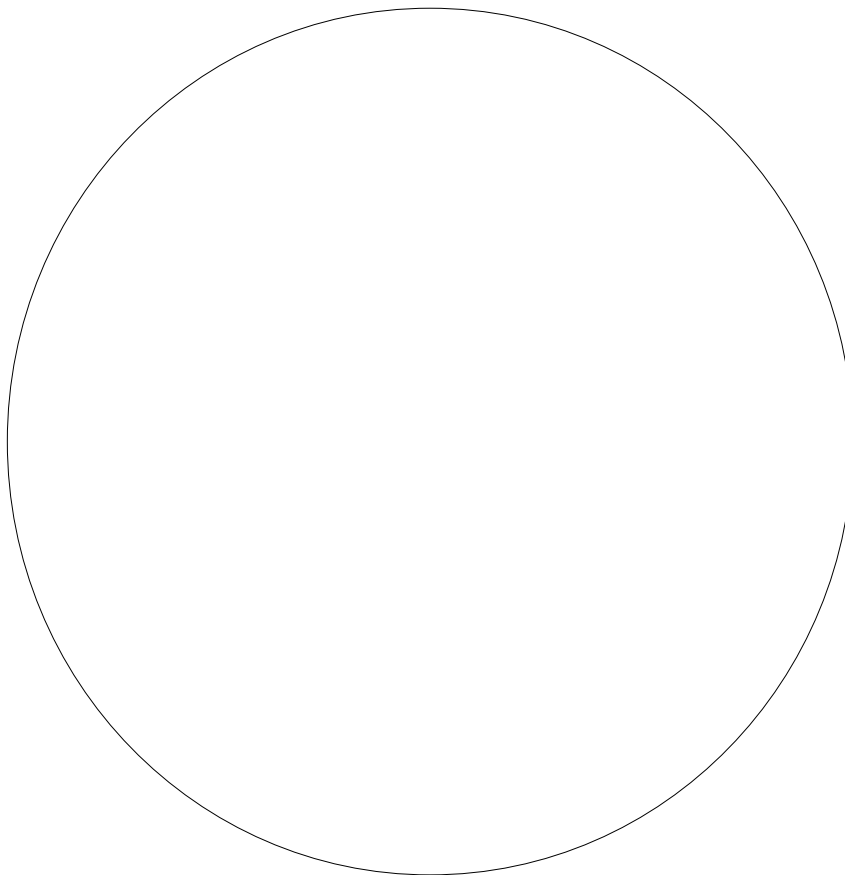
Name (if any) Bode's Galaxy - 1/2
of Double Galaxy

Constellation Ursa Major

Date seen

Seen?

Session Notes



Messier # M082

NGC 3034

Magnitude 9.5

Type Irregular Galaxy

Name (if any) Cigar Galaxy - 1/2 of
Double Galaxy

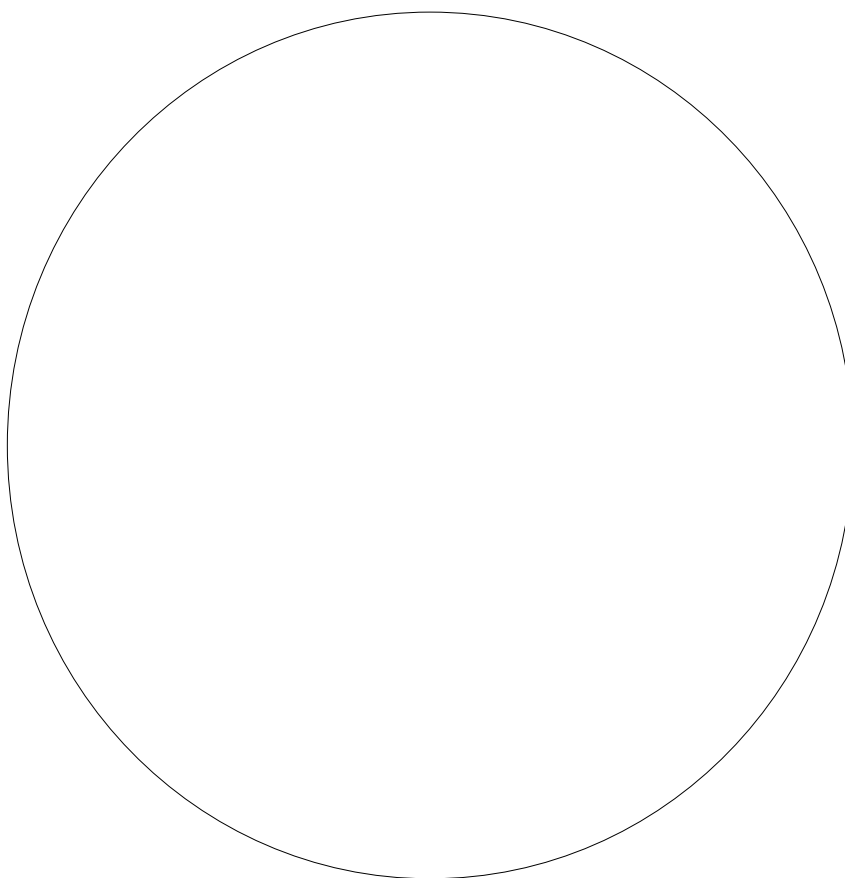
Constellation Ursa Major

Date seen

Seen?

Session Notes

The Ultimate Messier Object Log - Sketch View



Messier # M083

NGC 5236

Magnitude 8.5

Type Spiral Galaxy

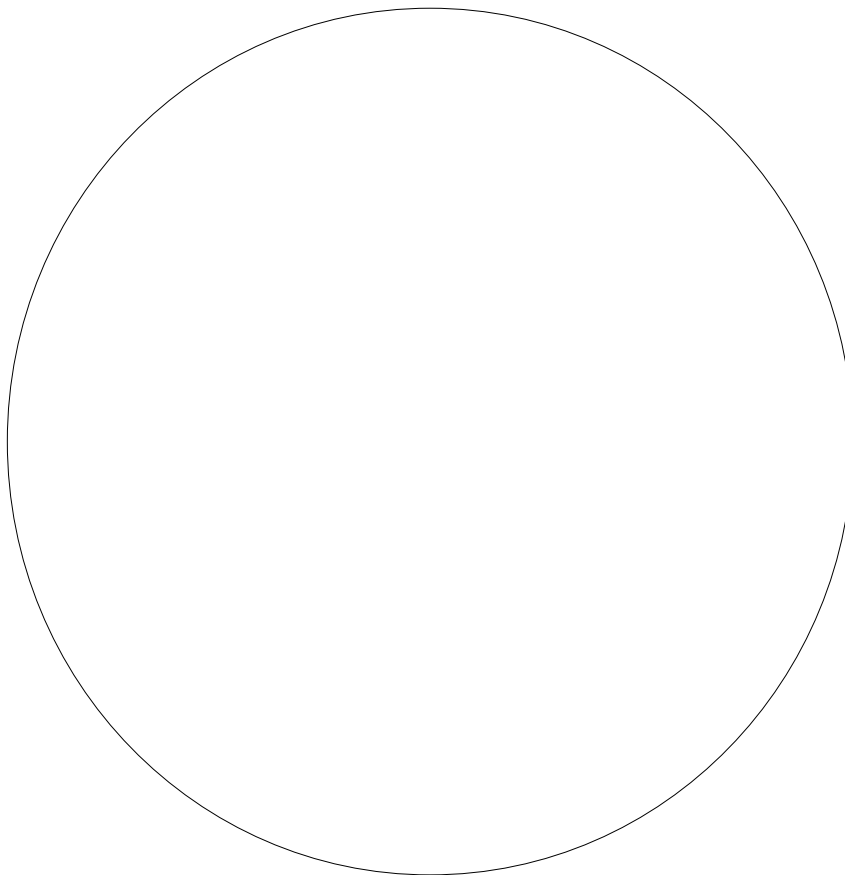
Name (if any) Small Pinwheel Galaxy

Constellation Hydra

Date seen

Seen?

Session Notes



Messier # M084

NGC 4374

Magnitude 11.0

Type Lenticular (S0)

Name (if any) N/A

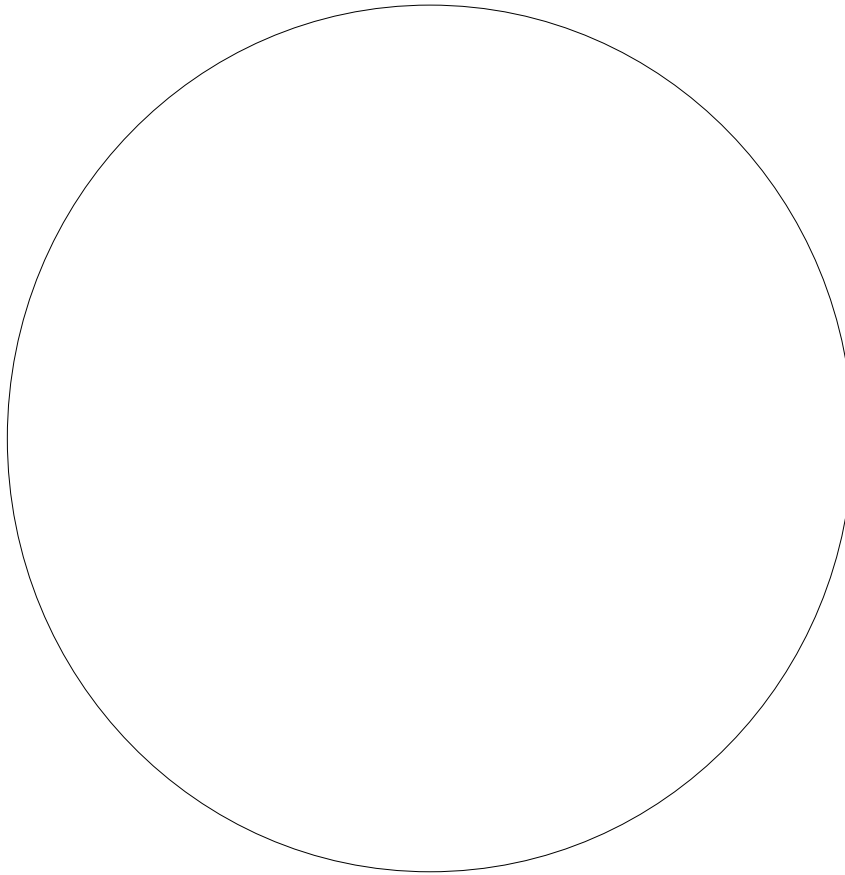
Constellation Virgo

Date seen

Seen?

Session Notes

The Ultimate Messier Object Log - Sketch View



Messier # M085

NGC 4382

Magnitude 10.5

Type Lenticular (S0)

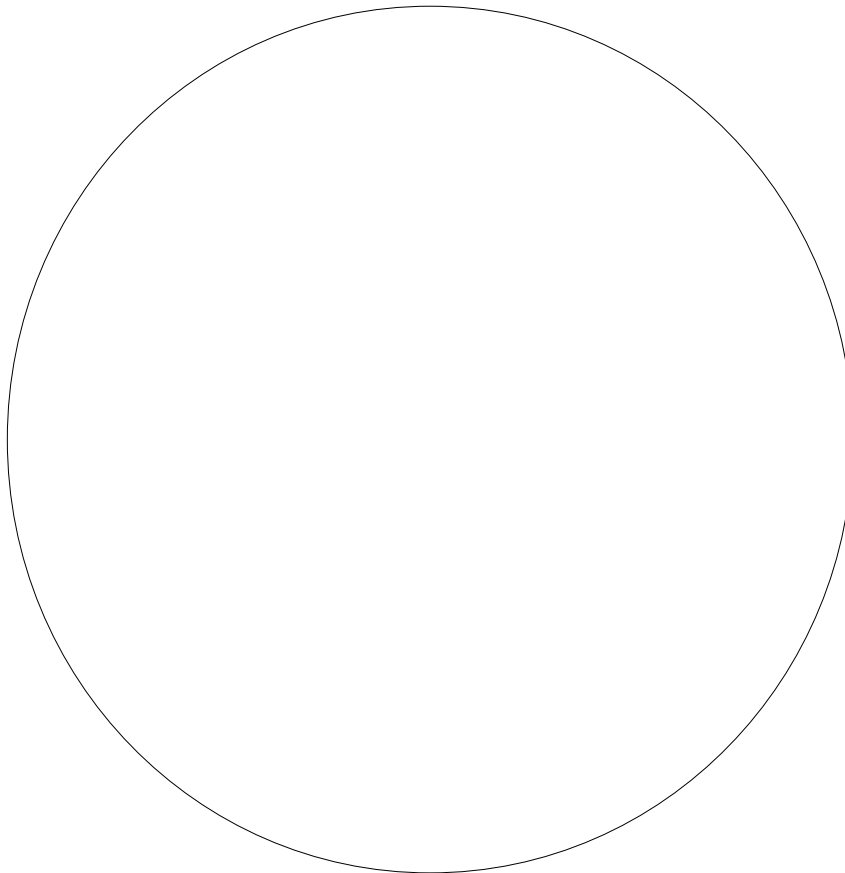
Name (if any) N/A

Constellation Coma Berenices

Date seen

Seen?

Session Notes



Messier # M086

NGC 4406

Magnitude 11.0

Type Lenticular (S0)

Name (if any) N/A

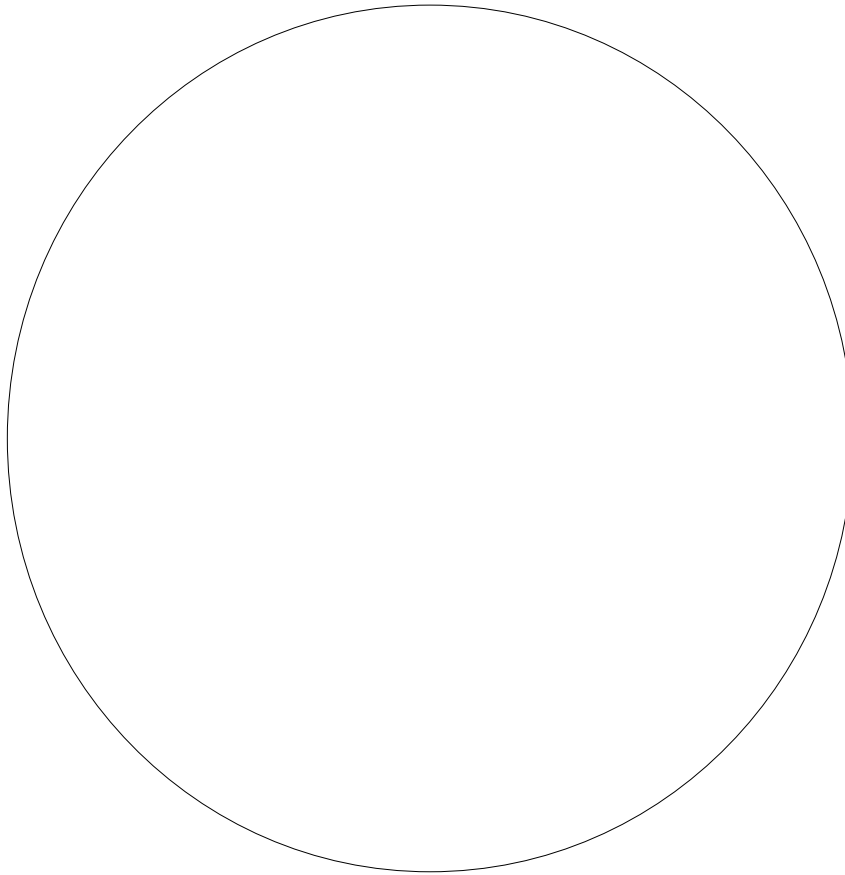
Constellation Virgo

Date seen

Seen?

Session Notes

The Ultimate Messier Object Log - Sketch View



Messier # M087

NGC 4486

Magnitude 11.0

Type Elliptical Galaxy

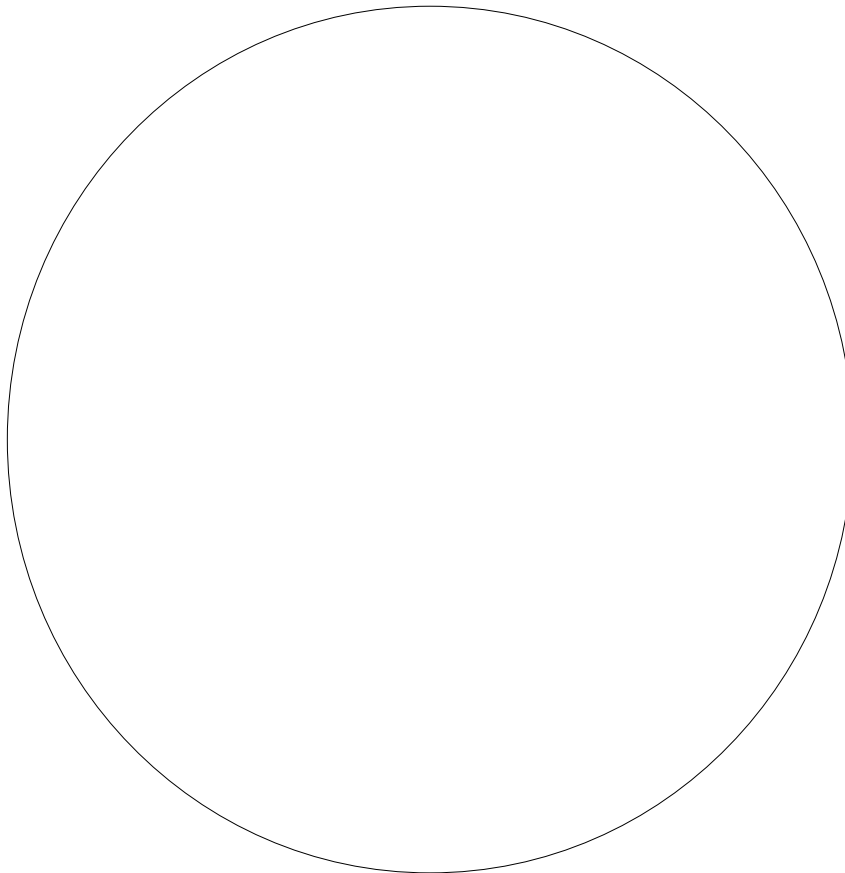
Name (if any) Virgo A

Constellation Virgo

Date seen

Seen?

Session Notes



Messier # M088

NGC 4501

Magnitude 11.0

Type Spiral Galaxy

Name (if any) N/A

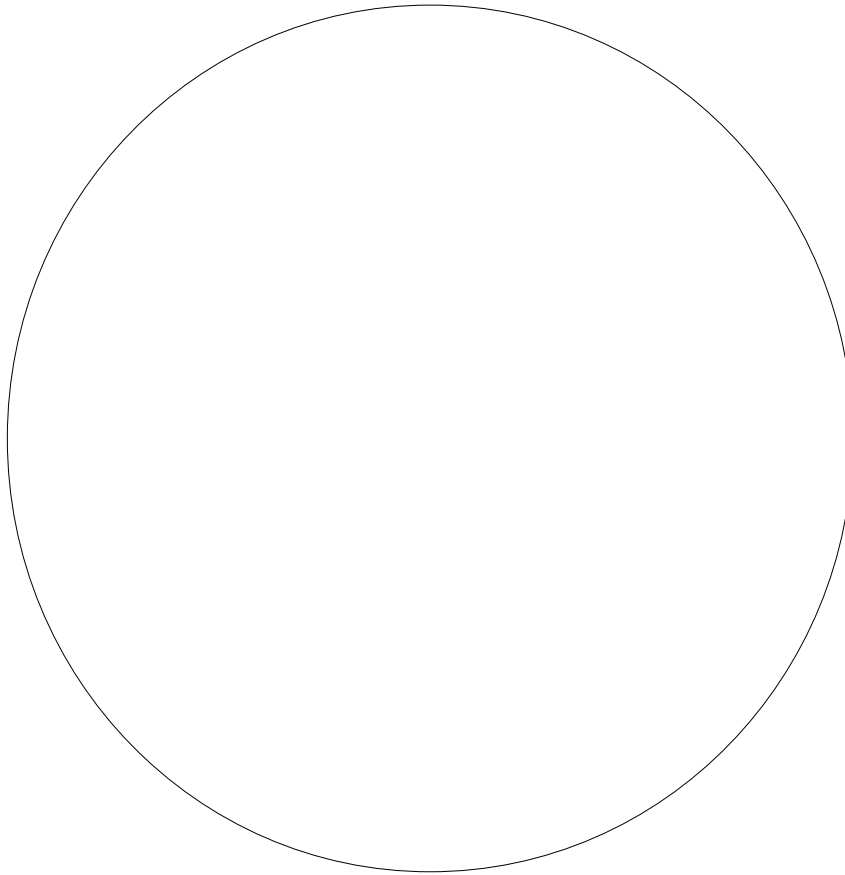
Constellation Coma Berenices

Date seen

Seen?

Session Notes

The Ultimate Messier Object Log - Sketch View



Messier # M089

NGC 4552

Magnitude 11.5

Type Elliptical Galaxy

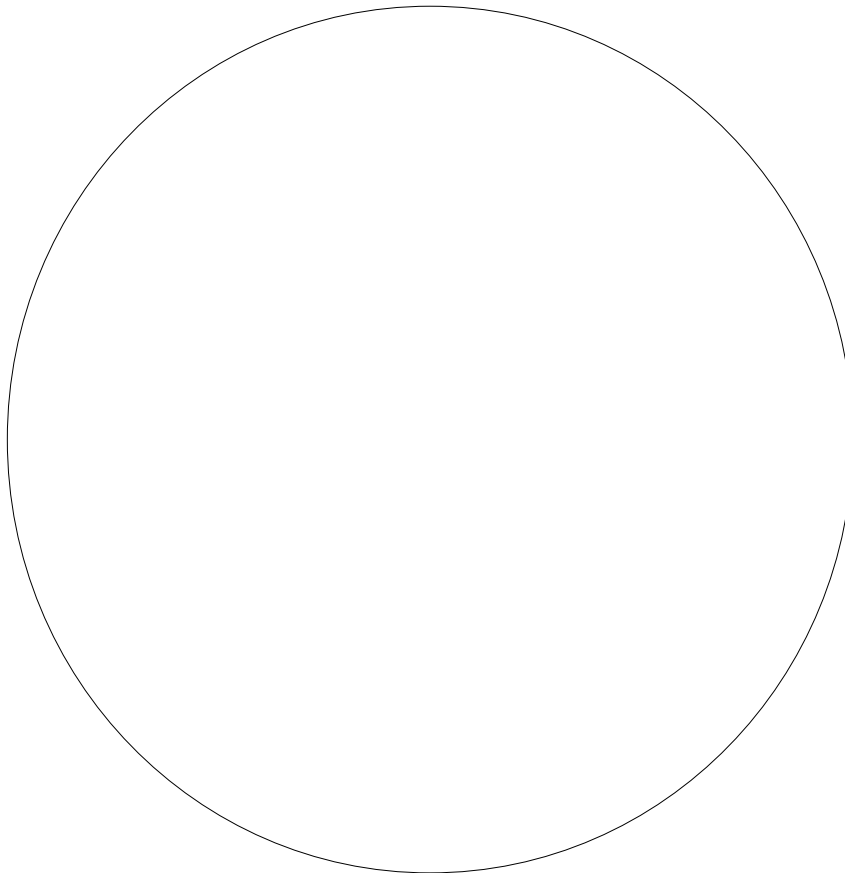
Name (if any) N/A

Constellation Virgo

Date seen

Seen?

Session Notes



Messier # M090

NGC 4569

Magnitude 11.0

Type Spiral Galaxy

Name (if any) N/A

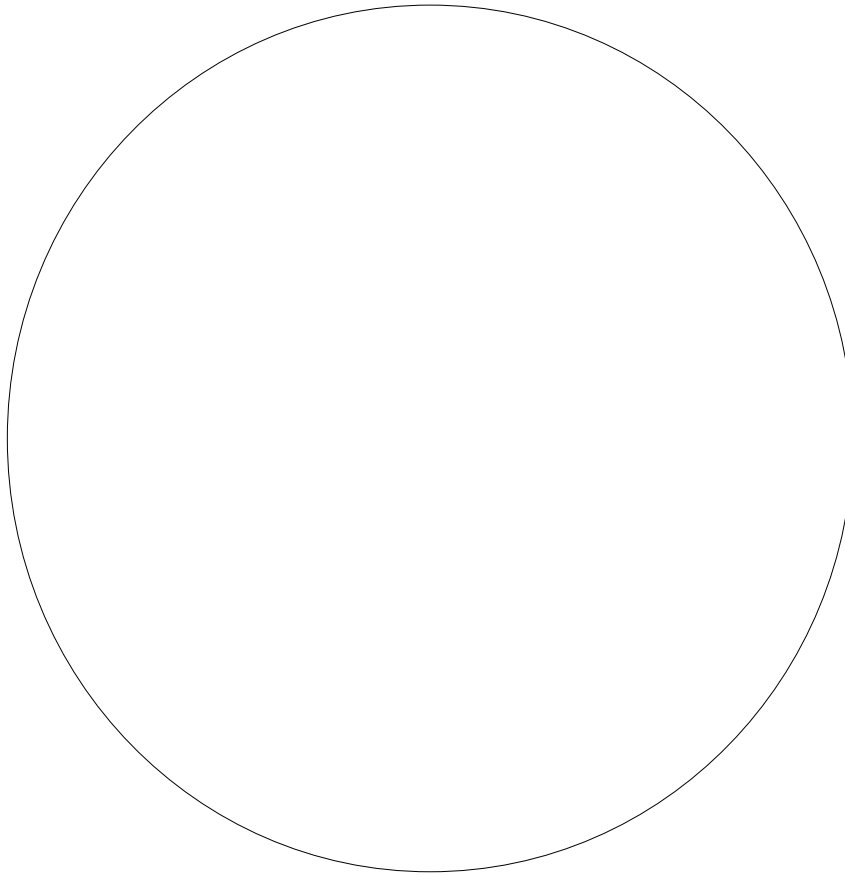
Constellation Virgo

Date seen

Seen?

Session Notes

The Ultimate Messier Object Log - Sketch View



Messier # M091

NGC 4548

Magnitude 11.5

Type Spiral Galaxy

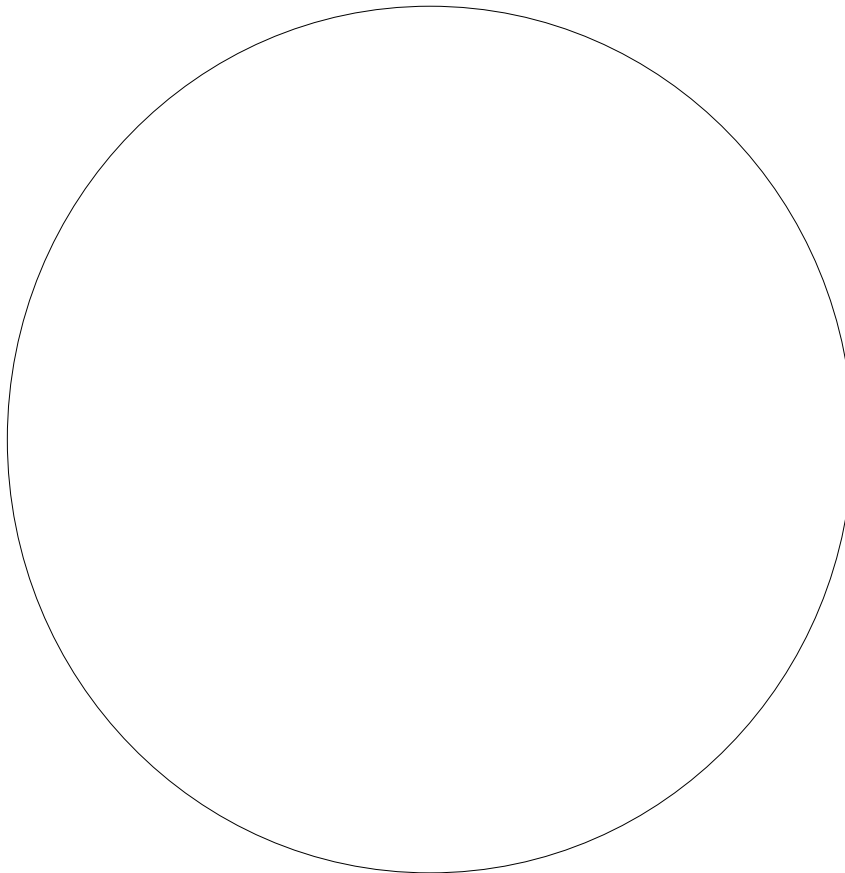
Name (if any) N/A

Constellation Coma Berenices

Date seen

Seen?

Session Notes



Messier # M092

NGC 6341

Magnitude 7.5

Type Globular Cluster

Name (if any) N/A

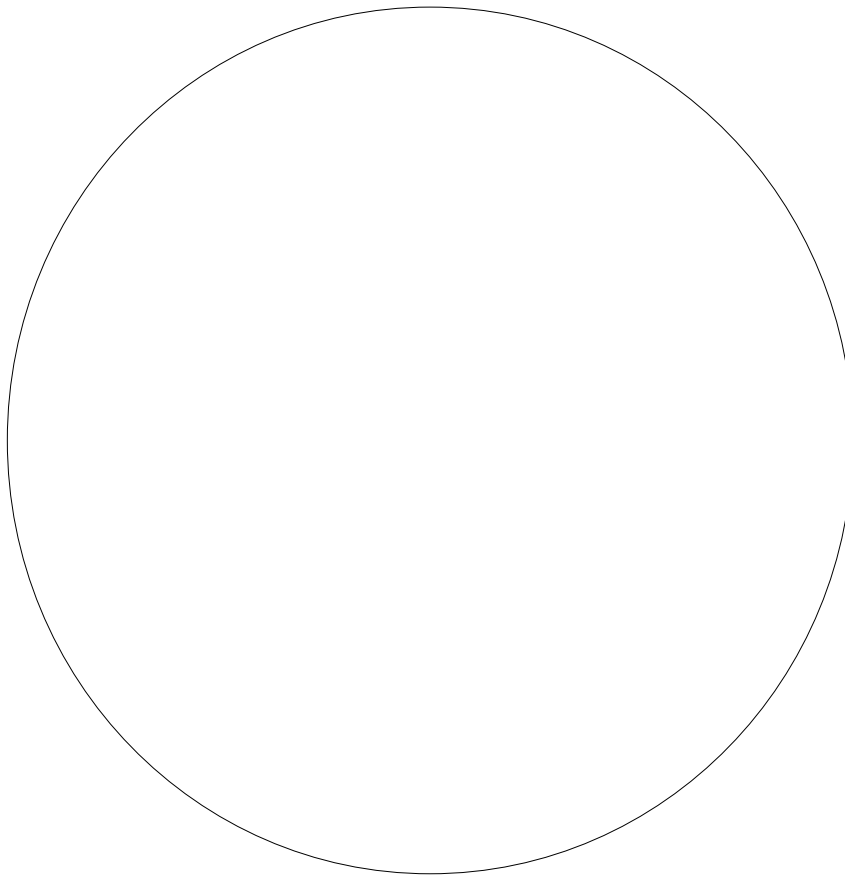
Constellation Hercules

Date seen

Seen?

Session Notes

The Ultimate Messier Object Log - Sketch View



Messier # M093

NGC 2447

Magnitude 6.5

Type Open Cluster

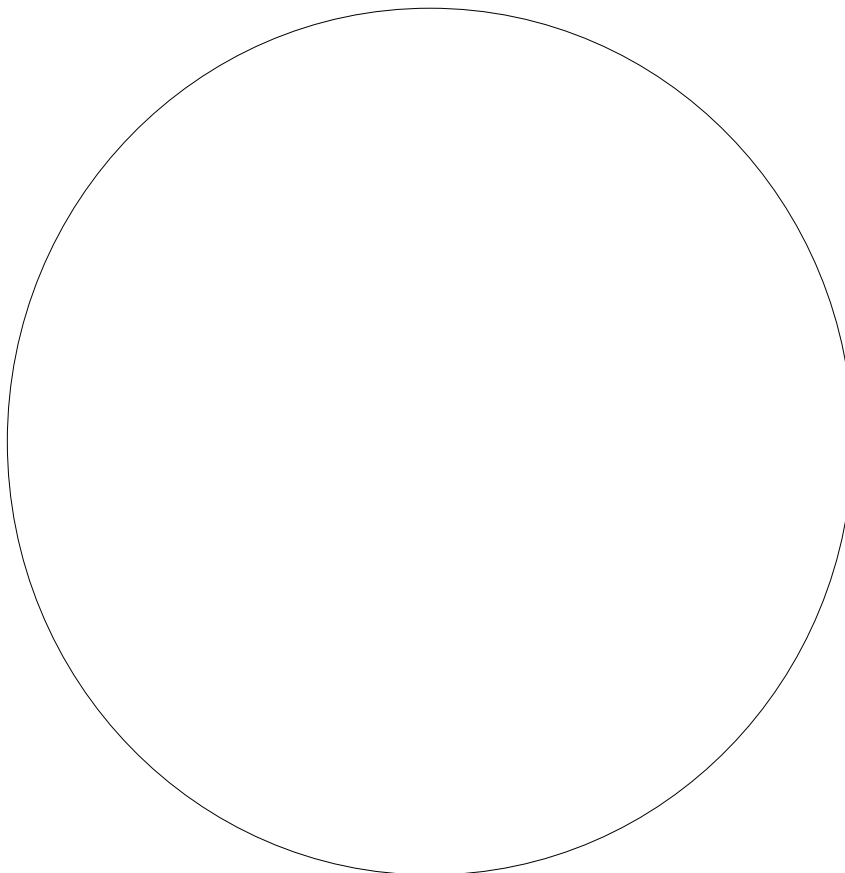
Name (if any) N/A

Constellation Puppis

Date seen

Seen?

Session Notes



Messier # M094

NGC 4736

Magnitude 9.5

Type Spiral Galaxy

Name (if any) N/A

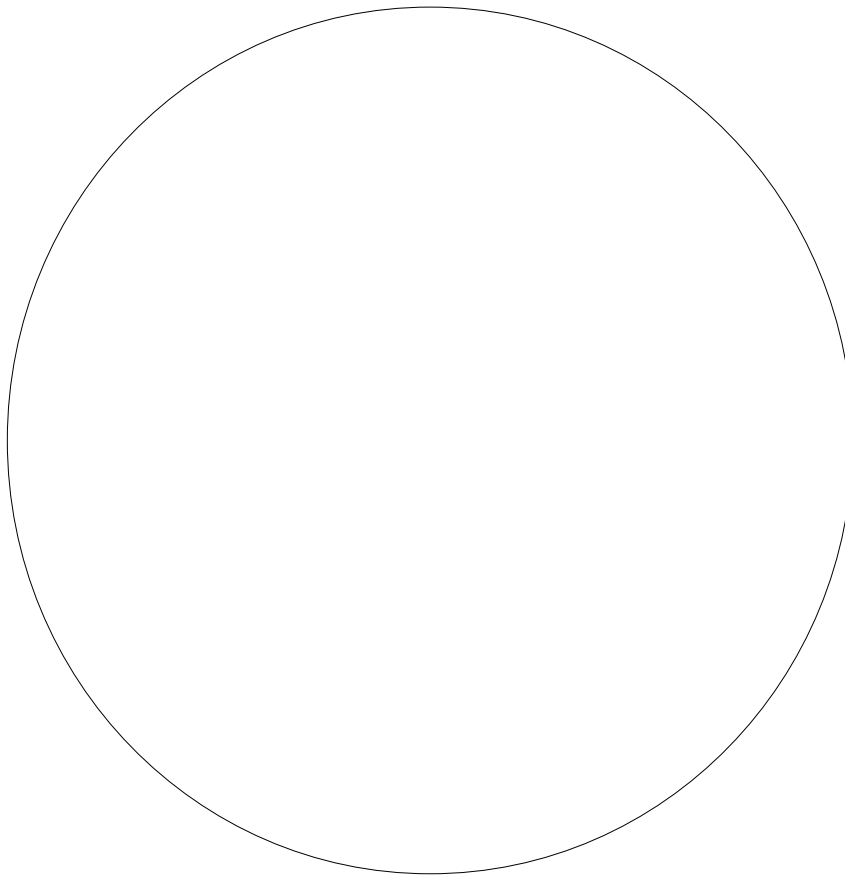
Constellation Canes Venatici

Date seen

Seen?

Session Notes

The Ultimate Messier Object Log - Sketch View



Messier # M095

NGC 3351

Magnitude 11.0

Type Spiral Galaxy

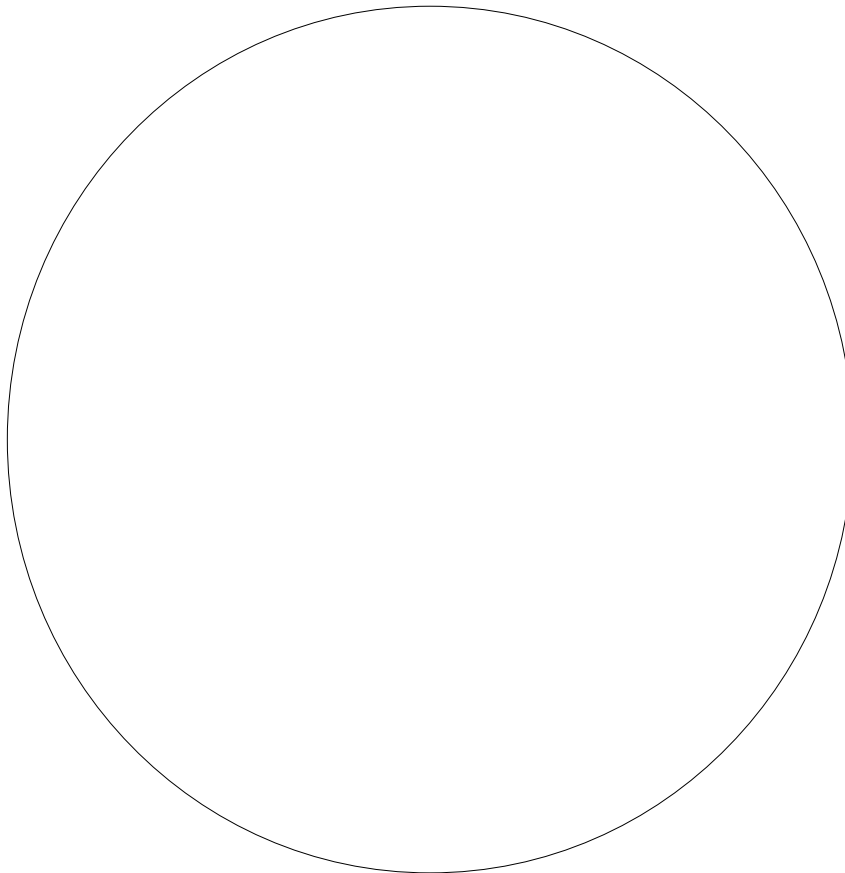
Name (if any) N/A

Constellation Leo

Date seen

Seen?

Session Notes



Messier # M096

NGC 3368

Magnitude 10.5

Type Spiral Galaxy

Name (if any) N/A

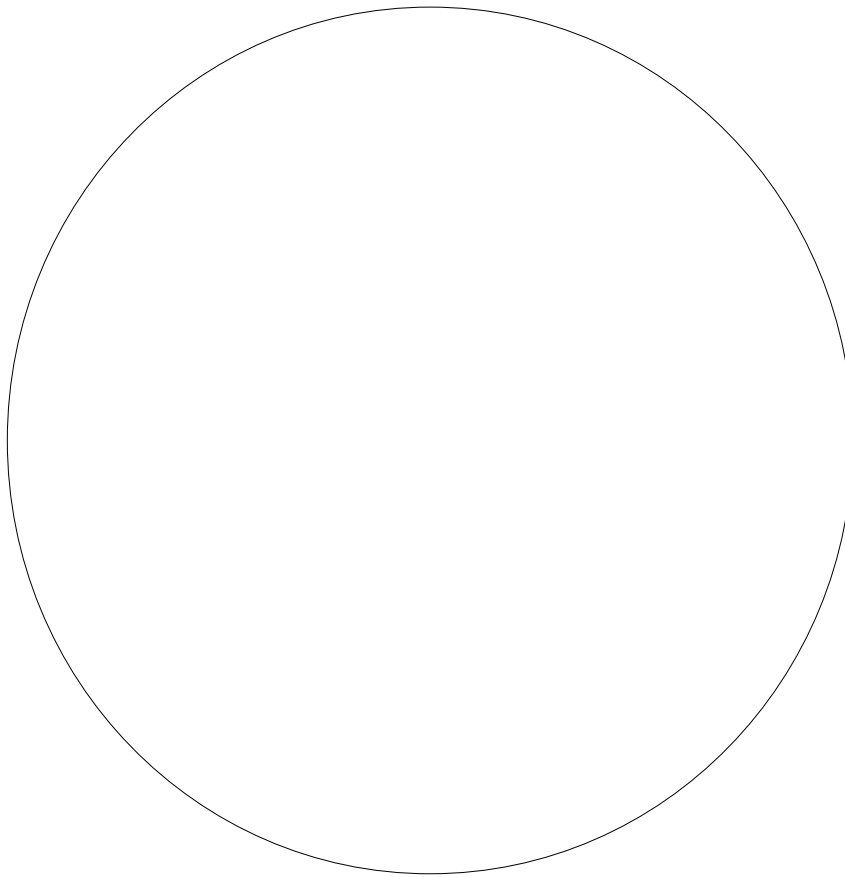
Constellation Leo

Date seen

Seen?

Session Notes

The Ultimate Messier Object Log - Sketch View



Messier # M097

NGC 3587

Magnitude 12.0

Type Planetary Nebula

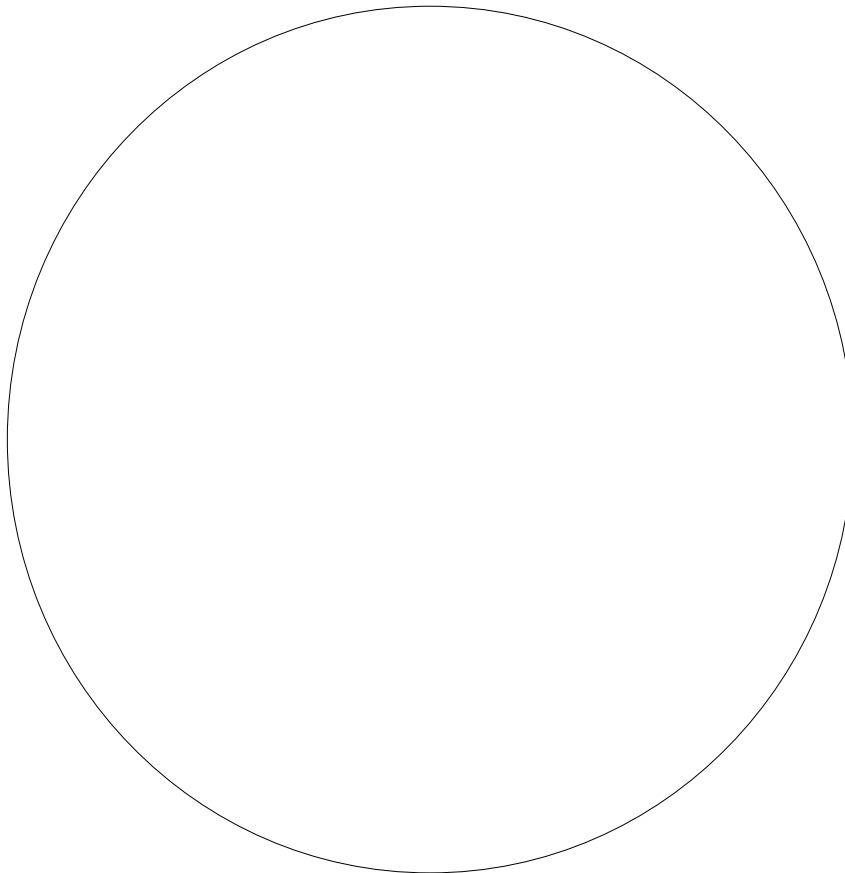
Name (if any) Owl Nebula

Constellation Ursa Major

Date seen

Seen?

Session Notes



Messier # M098

NGC 4192

Magnitude 11.0

Type Spiral Galaxy

Name (if any) N/A

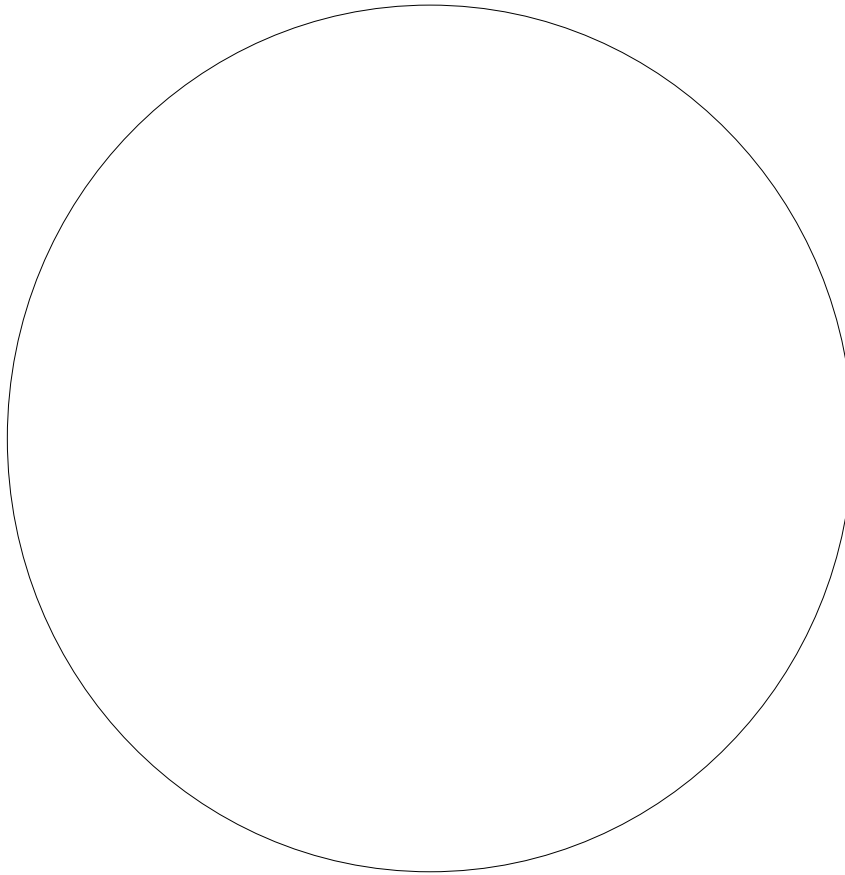
Constellation Coma Berenices

Date seen

Seen?

Session Notes

The Ultimate Messier Object Log - Sketch View



Messier # M099

NGC 4254

Magnitude 10.5

Type Spiral Galaxy

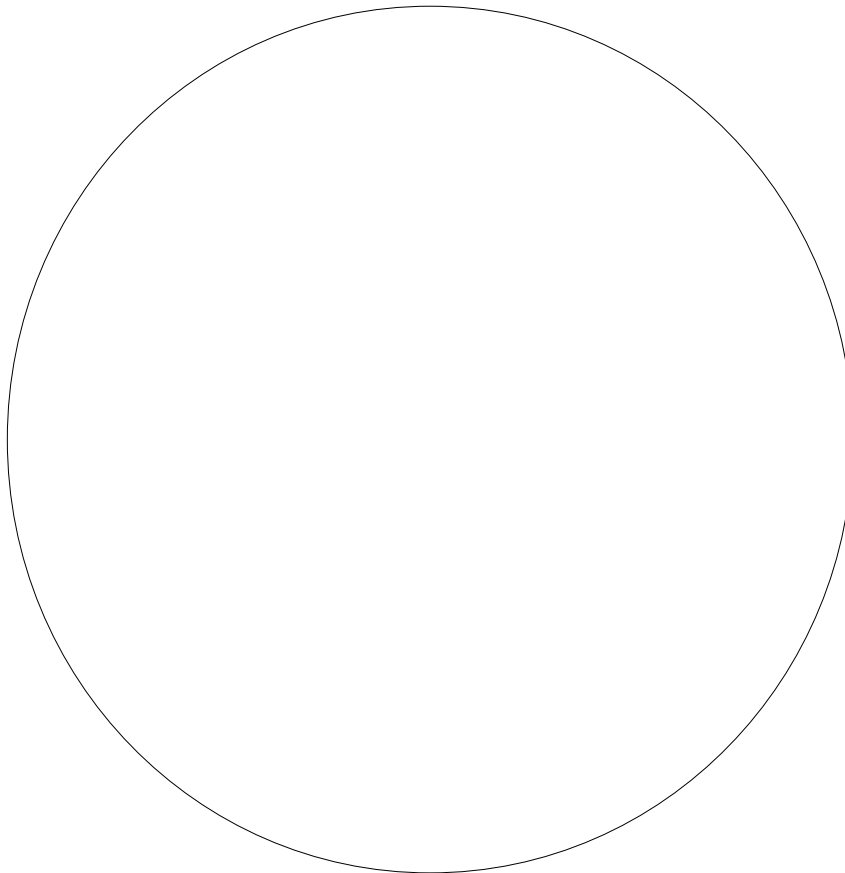
Name (if any) N/A

Constellation Coma Berenices

Date seen

Seen?

Session Notes



Messier # M100

NGC 4321

Magnitude 10.5

Type Spiral Galaxy

Name (if any) N/A

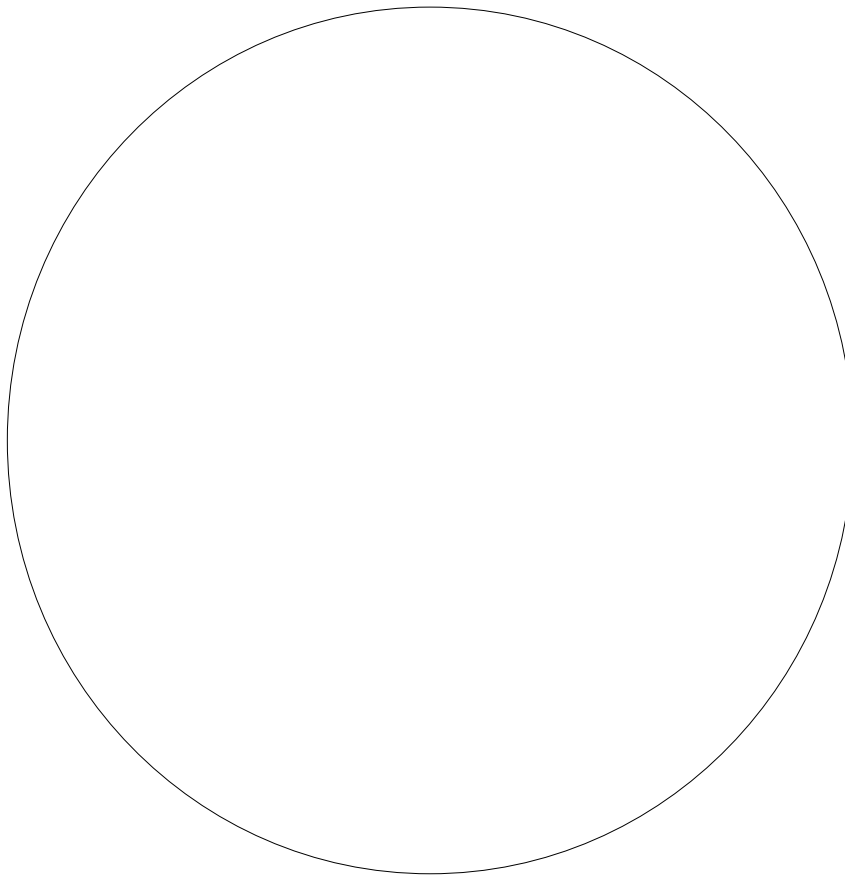
Constellation Coma Berenices

Date seen

Seen?

Session Notes

The Ultimate Messier Object Log - Sketch View



Messier # M101

NGC 5457

Magnitude 8.5

Type Spiral Galaxy

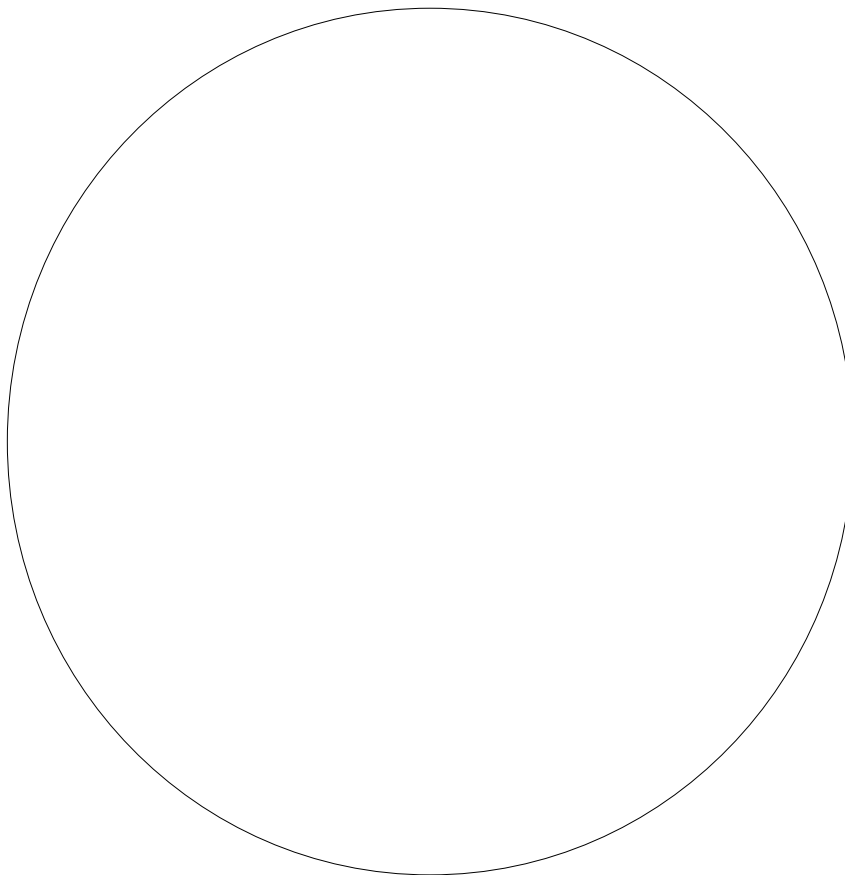
Name (if any) Pinwheel Galaxy

Constellation Ursa Major

Date seen

Seen?

Session Notes



Messier # M102

NGC 5866

Magnitude 10.5

Type Lenticular (S0)

Name (if any) Spindle Galaxy

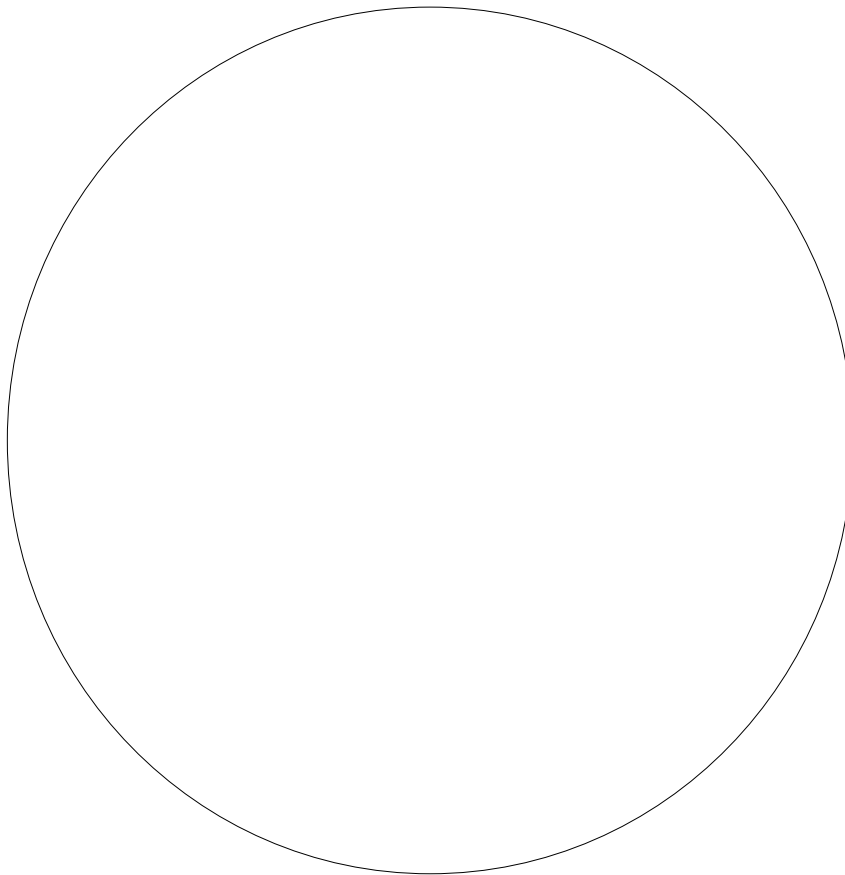
Constellation Draco

Date seen

Seen?

Session Notes

The Ultimate Messier Object Log - Sketch View



Messier # M103

NGC 0581

Magnitude 7.0

Type Open Cluster

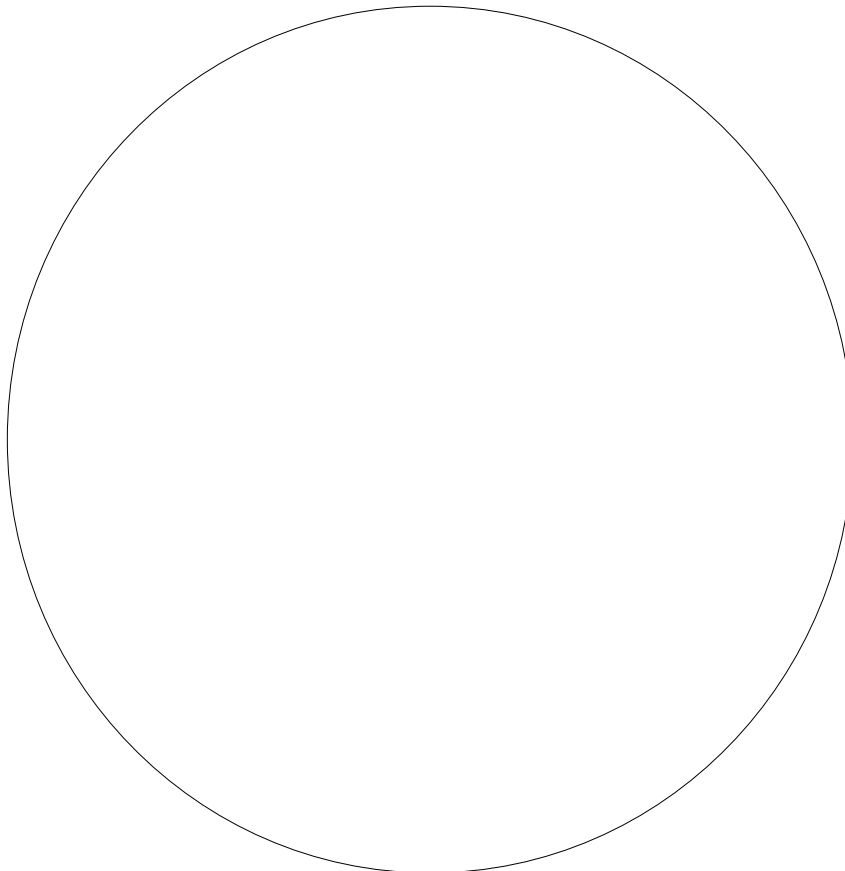
Name (if any) N/A

Constellation Cassiopeia

Date seen

Seen?

Session Notes



Messier # M104

NGC 4594

Magnitude 9.5

Type Spiral Galaxy

Name (if any) Sombrero Galaxy

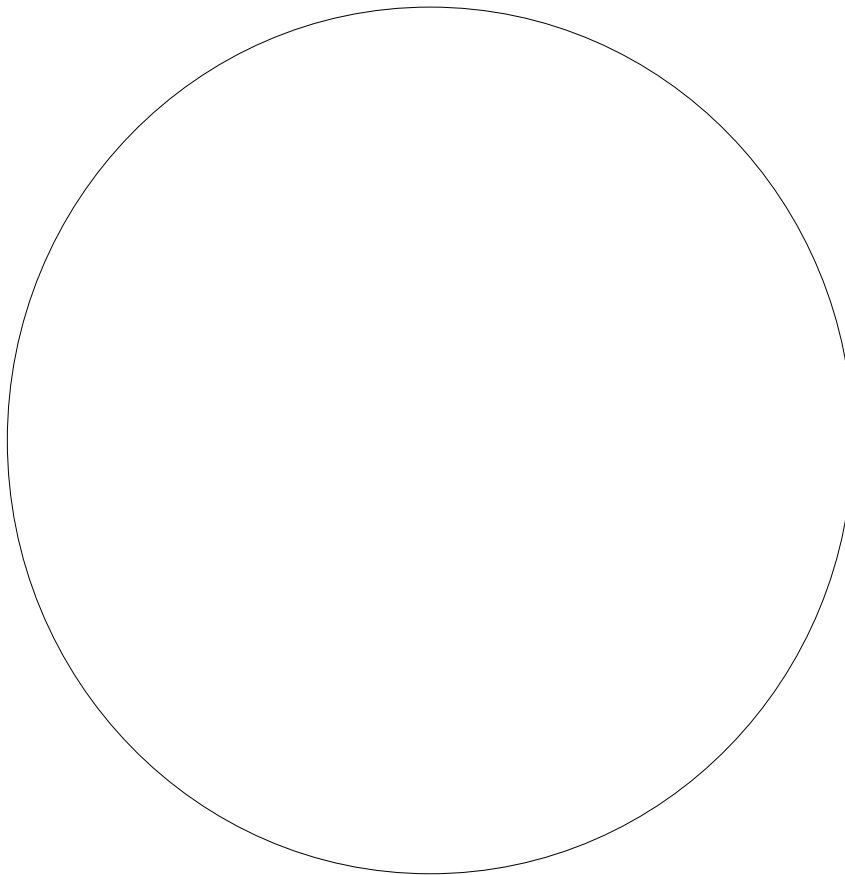
Constellation Virgo

Date seen

Seen?

Session Notes

The Ultimate Messier Object Log - Sketch View



Messier # M105

NGC 3379

Magnitude 11.0

Type Elliptical Galaxy

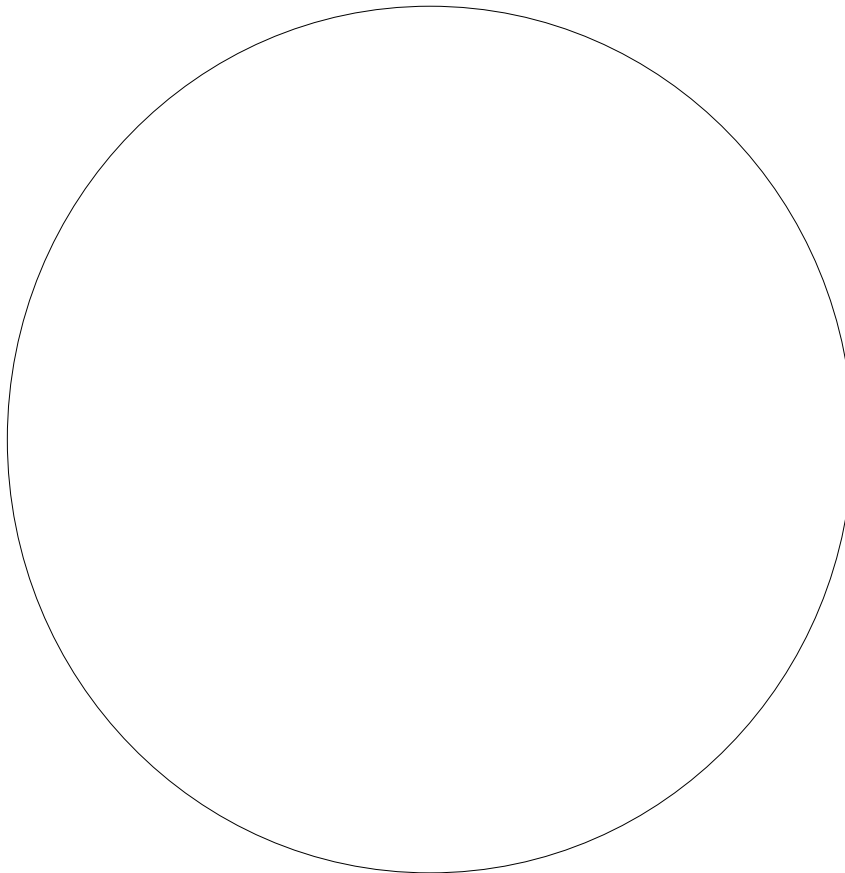
Name (if any) N/A

Constellation Leo

Date seen

Seen?

Session Notes



Messier # M106

NGC 4258

Magnitude 9.5

Type Spiral Galaxy

Name (if any) N/A

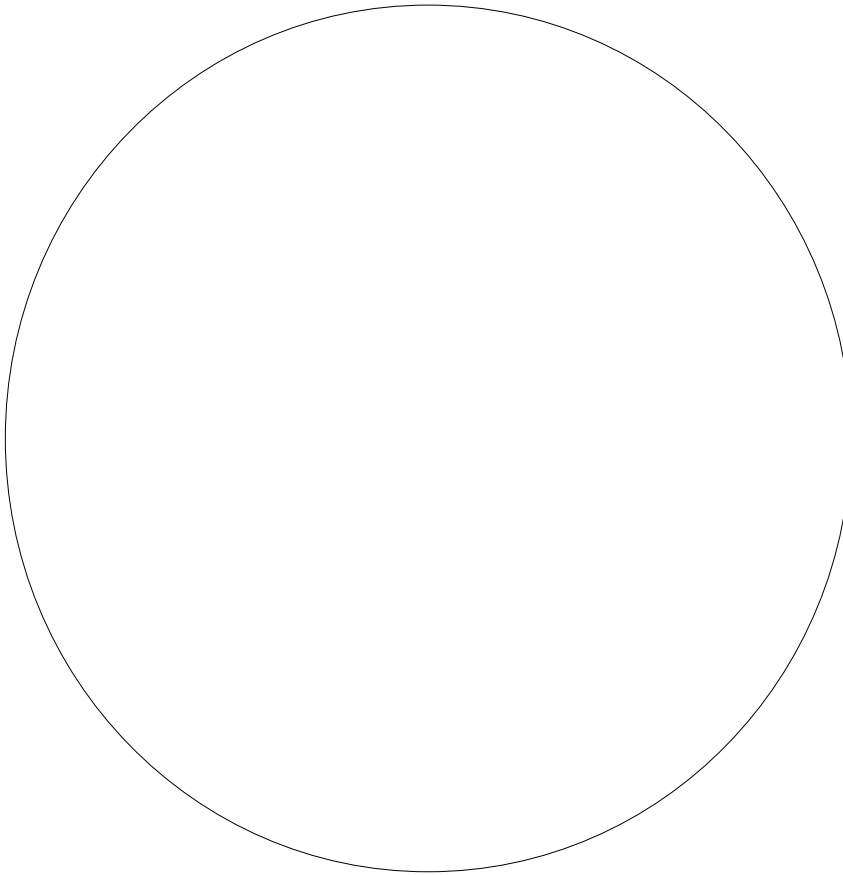
Constellation Ursa Major

Date seen

Seen?

Session Notes

The Ultimate Messier Object Log - Sketch View



Messier # M107

NGC 6171

Magnitude 10.0

Type Globular Cluster

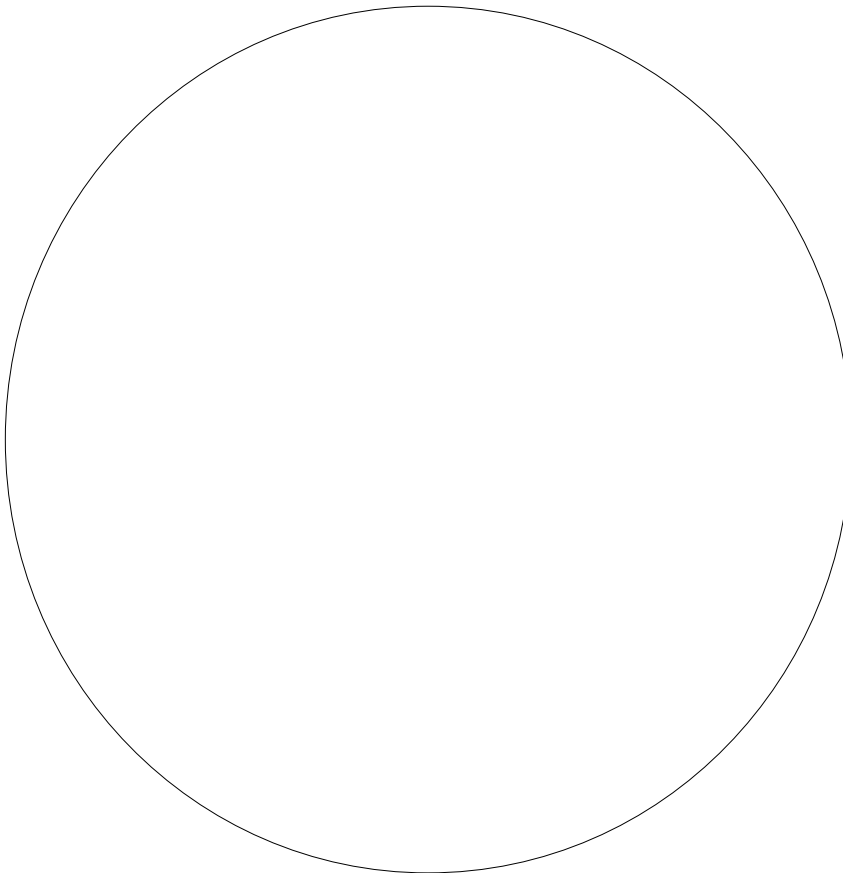
Name (if any) N/A

Constellation Ophiucus

Date seen

Seen?

Session Notes



Messier # M108

NGC 3556

Magnitude 11.0

Type Spiral Galaxy

Name (if any) N/A

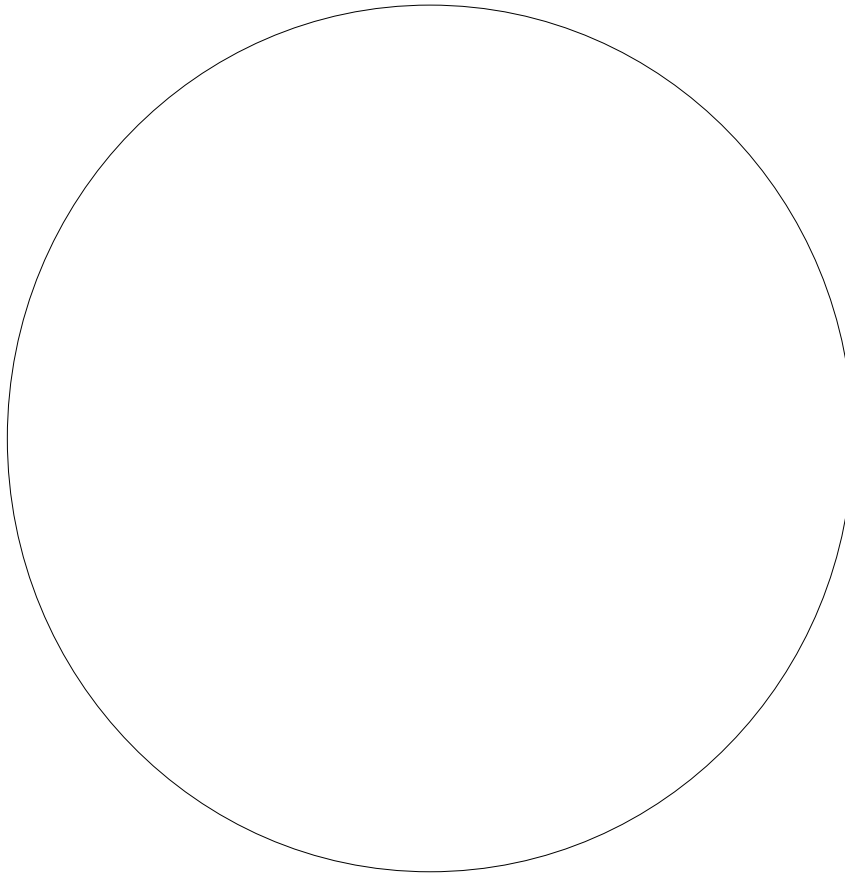
Constellation Ursa Major

Date seen

Seen?

Session Notes

The Ultimate Messier Object Log - Sketch View



Messier # M109

NGC 3992

Magnitude 11.0

Type Spiral Galaxy

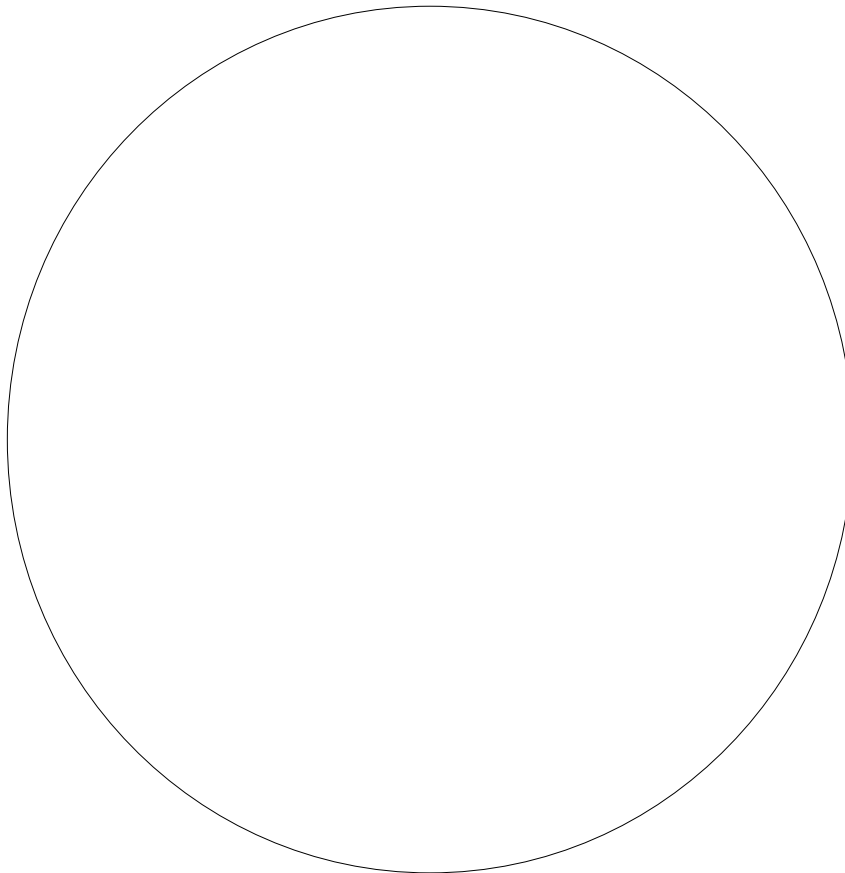
Name (if any) N/A

Constellation Ursa Major

Date seen

Seen?

Session Notes



Messier # M110

NGC 0205

Magnitude 10.0

Type Elliptical Galaxy

Name (if any) Satellite of M31

Constellation Andromeda

Date seen

Seen?

Session Notes

The Ultimate Messier Object Log - Atlas Info

M#	NGC#	Constellation	Type	Name, If Any	Mag.	RA	Dec.	Size	Seen	Date
M001	1952	Taurus	Supernova remnant	Crab Nebula	8.4	5h 34.5m	22 01	6.0x4.0	<input type="checkbox"/>	
M002	7089	Aquarius	Globular Cluster	N/A	6.5	21h 33.5m	-0 49	12.9	<input type="checkbox"/>	
M003	5272	Canes Venatici	Globular Cluster	N/A	6.4	13h 42.2m	28 23	16.2	<input type="checkbox"/>	
M004	6121	Scorpio	Globular Cluster	N/A	5.9	16h 23.6m	-26 32	26.3	<input type="checkbox"/>	
M005	5904	Serpens Caput	Globular Cluster	N/A	5.8	15h 18.6m	2 5	17.4	<input type="checkbox"/>	
M006	6405	Scorpius	Open Cluster	Butterfly Cluster	4.2	17h 40.1m	-32 13	15.0	<input type="checkbox"/>	
M007	6475	Scorpius	Open Cluster	Ptolemy's Cluster	3.3	17h 53.9m	-34 49	80.0	<input type="checkbox"/>	
M008	6523	Sagittarius	Diffuse Nebula	Lagoon Nebula	5.0	18h 3.1m	-24 23	35.0x50.0	<input type="checkbox"/>	
M009	6333	Ophiucus	Globular Cluster	N/A	7.9	17h 19.2m	-18 31	9.3	<input type="checkbox"/>	
M010	6254	Ophiucus	Globular Cluster	N/A	6.6	16h 57.1m	-4 6	15.1	<input type="checkbox"/>	
M011	6705	Scutum	Open Cluster	Wild Duck Cluster	5.8	18h 51.1m	-6 16	14.0	<input type="checkbox"/>	
M012	6218	Ophiucus	Globular Cluster	N/A	6.6	16h 47.2m	-1 57	14.5	<input type="checkbox"/>	
M013	6205	Hercules	Globular Cluster	N/A	5.9	16h 41.7m	36 28	16.6	<input type="checkbox"/>	
M014	6402	Ophiucus	Globular Cluster	N/A	7.6	17h 37.6m	-3 15	11.7	<input type="checkbox"/>	
M015	7078	Pegasus	Globular Cluster	N/A	6.4	21h 30m	12 10	12.3	<input type="checkbox"/>	
M016	6611	Serpens Claudia	Open Cluster	Eagle Nebula Cluster	6.5	18h 18.8m	-13 47	7.0	<input type="checkbox"/>	
M017	6618	Sagittarius	Diffuse Nebula	Omega, Swan, Horseshoe	7.0	18h 20.8m	-16 11	11.0	<input type="checkbox"/>	
M018	6613	Sagittarius	Open Cluster	N/A	8.0	18h 19.9m	-17 8	9.0	<input type="checkbox"/>	
M019	6273	Ophiucus	Globular Cluster	N/A	8.5	17h 2.6m	-26 16	13.5	<input type="checkbox"/>	
M020	6514	Sagittarius	Diffuse Nebula	Trifid Nebula	5.0	18h 2.3m	-23 2	28.0	<input type="checkbox"/>	
M021	6531	Sagittarius	Open Cluster	N/A	7.0	18h 4.6m	-22 30	13.0	<input type="checkbox"/>	
M022	6656	Sagittarius	Globular Cluster	N/A	6.5	18h 36.4m	-29 54	24.0	<input type="checkbox"/>	
M023	6494	Sagittarius	Open Cluster	N/A	6.0	17h 56.8m	-19 1	27.0	<input type="checkbox"/>	
M024	6603	Sagittarius	Star Cloud	Milky Way Patch	11.5	18h 18.4m	-18 25	5.0	<input type="checkbox"/>	
M025	IC4725	Sagittarius	Open Cluster	N/A	4.9	18h 28.8m	-19 17	40.0	<input type="checkbox"/>	
M026	6694	Scutum	Open Cluster	N/A	9.5	18h 45.2m	-9 24	15.0	<input type="checkbox"/>	
M027	6853	Vulpecula	Planetary Nebula	Dumbbell Nebula	7.5	19h 59.6m	22 43	8.0x5.6	<input type="checkbox"/>	
M028	6626	Sagittarius	Globular Cluster	N/A	8.5	18h 24.5m	-24 52	11.2	<input type="checkbox"/>	
M029	6913	Cygnus	Open Cluster	N/A	9.0	20h 23.9m	38 32	7.0	<input type="checkbox"/>	
M030	7099	Capricornus	Globular Cluster	N/A	8.5	21h 40.4m	-23 11	11.0	<input type="checkbox"/>	
M031	0224	Andromeda	Spiral Galaxy	Andromeda Galaxy	4.5	0h 42.8m	41 16	178.0	<input type="checkbox"/>	

The Ultimate Messier Object Log - Atlas Info

M#	NGC#	Constellation	Type	Name, If Any	Mag.	RA	Dec.	Size	Seen	Date
M032	0221	Andromeda	Elliptical Galaxy	Satellite of M31	10.0	0h 42.8m	40 52	8.0x6.0	<input type="checkbox"/>	
M033	0598	Triangulum	Spiral Galaxy	Triangulum (also Pinwheel)	7.0	1h 33.9m	30 40	73.0x45.0	<input type="checkbox"/>	
M034	1039	Perseus	Open Cluster	N/A	6.0	2h 42.0m	42 47	35.0	<input type="checkbox"/>	
M035	2168	Gemini	Open Cluster	N/A	5.5	6h 8.9m	24 20	28.0	<input type="checkbox"/>	
M036	1960	Auriga	Open Cluster	N/A	6.5	5h 36.1	34 08	12.0	<input type="checkbox"/>	
M037	2099	Auriga	Open Cluster	N/A	6.0	5h 52.4m	32 33	24.0	<input type="checkbox"/>	
M038	1922	Auriga	Open Cluster	N/A	7.0	5h 28.7m	35 50	21.0	<input type="checkbox"/>	
M039	7092	Cygnus	Open Cluster	N/A	5.5	21h 32.2m	48 26	32.0	<input type="checkbox"/>	
M040	7092	Ursa Major	Double Star	Winecke 4	9.0	12h 20.0m	58 22	0.8	<input type="checkbox"/>	
M041	2287	Canis Major	Open Cluster	N/A	5.0	6h 47.0m	-20 44	38.0	<input type="checkbox"/>	
M042	1976	Orion	Diffuse Nebula	Great Orion Nebula	5.0	5h 35.3m	-5 23	85.0x60.0	<input type="checkbox"/>	
M043	1982	Orion	Diffuse Nebula	de Mairan's Nebula	7.0	5h 35.5m	-5 16	20.0x15.0	<input type="checkbox"/>	
M044	2632	Cancer	Open Cluster	Beehive Cluster (Praesepe)	4.0	8h 40.1m	19 59	95.0	<input type="checkbox"/>	
M045	1432	Taurus	Open Cluster	Pleiades, Subaru, Seven Sisters	1.4	3h 47.0m	24 07	110.0	<input type="checkbox"/>	
M046	2437	Puppis	Open Cluster	N/A	6.5	7h 41.8m	-14 49	27.0	<input type="checkbox"/>	
M047	2422	Puppis	Open Cluster	N/A	4.5	7h 36.6m	-14 30	30.0	<input type="checkbox"/>	
M048	2548	Hydra	Open Cluster	N/A	5.5	8h 13.8m	-5 48	54.0	<input type="checkbox"/>	
M049	4472	Virgo	Elliptical Galaxy	N/A	10.0	12h 29.8m	8 1	9.0x7.5	<input type="checkbox"/>	
M050	2323	Monocerus	Open Cluster	N/A	7.0	7h 3.2m	-8 20	16.0	<input type="checkbox"/>	
M051	5194	Ursa Major	Spiral Galaxy	Whirlpool Galaxy	8.0	13h 30.0m	47 11	11.0x7.0	<input type="checkbox"/>	
M052	7654	Cassiopea	Open Cluster	N/A	8.0	23h 24.2m	61 35	13.0	<input type="checkbox"/>	
M053	5024	Coma Berenices	Globular Cluster	N/A	8.5	13h 12.9m	18 10	12.6	<input type="checkbox"/>	
M054	6715	Sagittarius	Globular Cluster	N/A	8.5	18h 55.1m	-30 29	9.1	<input type="checkbox"/>	
M055	6809	Sagittarius	Globular Cluster	N/A	7.0	19h 40.0m	-30 58	19.0	<input type="checkbox"/>	
M056	6779	Lyra	Globular Cluster	N/A	9.5	19h 16.6m	30 11	7.1	<input type="checkbox"/>	
M057	6720	Lyra	Planetary Nebula	Ring Nebula	9.5	18h 53.6m	33 2	1.4x1.0	<input type="checkbox"/>	
M058	4579	Virgo	Spiral Galaxy	N/A	11.0	12h 37.8m	11 50	5.5x4.5	<input type="checkbox"/>	
M059	4621	Virgo	Elliptical Galaxy	N/A	11.5	12h 42.1m	11 39	5.0x3.5	<input type="checkbox"/>	
M060	4649	Virgo	Elliptical Galaxy	N/A	10.5	12h 43.7m	11 34	7.0x6.0	<input type="checkbox"/>	
M061	4303	Virgo	Spiral Galaxy	N/A	10.5	12h 22.0m	4 29	6.0x5.5	<input type="checkbox"/>	
M062	6266	Ophiucus	Globular Cluster	N/A	8.0	17h 1.2m	-30 7	14.1	<input type="checkbox"/>	

The Ultimate Messier Object Log - Atlas Info

M#	NGC#	Constellation	Type	Name, If Any	Mag.	RA	Dec.	Size	Seen	Date
M063	5055	Canes Venatici	Spiral Galaxy	Sunflower Galaxy	8.5	13h 15.8m	42 2	10.0x6.0	<input type="checkbox"/>	
M064	4826	Coma Berenices	Spiral Galaxy	Blackeye Galaxy	9.0	12h 56.7m	21 41	9.3x5.4	<input type="checkbox"/>	
M065	3623	Leo	Spiral Galaxy	N/A	10.5	11h 18.9m	13 6	8.0x1.5	<input type="checkbox"/>	
M066	3627	Leo	Spiral Galaxy	N/A	10.0	11h 20.2m	13 0	8.0x2.5	<input type="checkbox"/>	
M067	2628	Cancer	Open Cluster	N/A	7.5	8h 50.4m	11 49	30.0	<input type="checkbox"/>	
M068	4590	Hydra	Globular Cluster	N/A	9.0	12h 39.5m	-26 45	12.0	<input type="checkbox"/>	
M069	6637	Sagittarius	Globular Cluster	N/A	9.0	18h 34.4m	-32 21	7.1	<input type="checkbox"/>	
M070	6681	Sagittarius	Globular Cluster	N/A	9.0	18h 43.2m	-32 18	7.8	<input type="checkbox"/>	
M071	6838	Sagitta	Globular Cluster	N/A	8.5	19h 53.8m	18 47	7.2	<input type="checkbox"/>	
M072	6981	Aquarius	Globular Cluster	N/A	10.0	20h 53.5m	-12 32	5.9	<input type="checkbox"/>	
M073	6994	Aquarius	Group/Asterism	N/A	9.0	20h 59.0m	-12 3	2.8	<input type="checkbox"/>	
M074	0628	Pisces	Spiral Galaxy	N/A	10.5	1h 36.6m	15 48	10.2x9.5	<input type="checkbox"/>	
M075	6864	Sagittarius	Globular Cluster	N/A	9.5	20h 6.1m	-21 55	6.0	<input type="checkbox"/>	
M076	0650	Perseus	Planetary Nebula	Little Dumbell, Cork, Butterfly	12.0	1h 42.4m	51 34	2.7x1.8	<input type="checkbox"/>	
M077	1068	Cetus	Spiral Galaxy	N/A	10.5	2h 42.7m	-9 2	7.0x6.0	<input type="checkbox"/>	
M078	2068	Orion	Diffuse Nebula	N/A	8.0	5h 46.8m	0 4	8.0x6.0	<input type="checkbox"/>	
M079	1904	Lepus	Globular Cluster	N/A	8.5	5h 24.5m	-24 33	8.7	<input type="checkbox"/>	
M080	6093	Scorpius	Globular Cluster	N/A	8.5	16h 17.0m	-22 59	8.9	<input type="checkbox"/>	
M081	3031	Ursa Major	Spiral Galaxy	Bode's Galaxy - 1/2 of Double	8.5	9h 55.6m	69 4	21.0x10.0	<input type="checkbox"/>	
M082	3034	Ursa Major	Irregular Galaxy	Cigar Galaxy - 1/2 of Double	9.5	9h 55.9m	69 41	9.x4.0	<input type="checkbox"/>	
M083	5236	Hydra	Spiral Galaxy	Small Pinwheel Galaxy	8.5	13h 37.1m	-29 52	11.0x10.0	<input type="checkbox"/>	
M084	4374	Virgo	Lenticular (S0) Galaxy	N/A	11.0	12h 25.1m	12 54	5.0	<input type="checkbox"/>	
M085	4382	Coma Berenices	Lenticular (S0) Galaxy	N/A	10.5	12h 25.5m	18 12	7.1x5.2	<input type="checkbox"/>	
M086	4406	Virgo	Lenticular (S0) Galaxy	N/A	11.0	12h 26.3m	12 57	7.5x5.5	<input type="checkbox"/>	
M087	4486	Virgo	Elliptical Galaxy	Virgo A	11.0	12h 30.9m	12 24	7.0	<input type="checkbox"/>	
M088	4501	Coma Berenices	Spiral Galaxy	N/A	11.0	12h 32.1m	14 26	7.0x4.0	<input type="checkbox"/>	
M089	4552	Virgo	Elliptical Galaxy	N/A	11.5	12h 35.7m	12 34	4.0	<input type="checkbox"/>	
M090	4569	Virgo	Spiral Galaxy	N/A	11.0	12h 36.9m	13 10	9.5x4.5	<input type="checkbox"/>	
M091	4548	Coma Berenices	Spiral Galaxy	N/A	11.5	12h 35.5m	14 30	5.4x4.4	<input type="checkbox"/>	
M092	6341	Hercules	Globular Cluster	N/A	7.5	17h 17.1m	43 8	11.2	<input type="checkbox"/>	
M093	2447	Puppis	Open Cluster	N/A	6.5	7h 44.6m	-23 52	22.0	<input type="checkbox"/>	

The Ultimate Messier Object Log - Atlas Info

M#	NGC#	Constellation	Type	Name, If Any	Mag.	RA	Dec.	Size	Seen	Date
M094	4736	Canes Venatici	Spiral Galaxy	N/A	9.5	12h 50.9m	41 8	7.0x3.0	<input type="checkbox"/>	
M095	3351	Leo	Spiral Galaxy	N/A	11.0	10h 43.9m	11 42	4.4x3.3	<input type="checkbox"/>	
M096	3368	Leo	Spiral Galaxy	N/A	10.5	10h 46.7m	11 49	6.0x4.0	<input type="checkbox"/>	
M097	3587	Ursa Major	Planetary Nebula	Owl Nebula	12.0	11h 14.8m	55 1	3.4x3.3	<input type="checkbox"/>	
M098	4192	Coma Berenices	Spiral Galaxy	N/A	11.0	12h 13.9m	14 55	9.5x3.2	<input type="checkbox"/>	
M099	4254	Coma Berenices	Spiral Galaxy	N/A	10.5	12h 18.9m	14 26	5.4x4.8	<input type="checkbox"/>	
M100	4321	Coma Berenices	Spiral Galaxy	N/A	10.5	12h 23.0m	15 50	7.0x6.0	<input type="checkbox"/>	
M101	5457	Ursa Major	Spiral Galaxy	Pinwheel Galaxy	8.5	14h 3.3m	54 22	22.0	<input type="checkbox"/>	
M102	5866	Draco	Lenticular (S0) Galaxy	Spindle Galaxy	10.5	15h 6.5m	55 45	5.2x2.3	<input type="checkbox"/>	
M103	0581	Cassiopeia	Open Cluster	N/A	7.0	1h 33.2m	60 42	6.0	<input type="checkbox"/>	
M104	4594	Virgo	Spiral Galaxy	Sombrero Galaxy	9.5	12h 39.9m	-11 37	9.0x4.0	<input type="checkbox"/>	
M105	3379	Leo	Elliptical Galaxy	N/A	11.0	10h 47.8m	12 35	2.0	<input type="checkbox"/>	
M106	4258	Ursa Major	Spiral Galaxy	N/A	9.5	12h 18.9m	47 19	19.0x8.0	<input type="checkbox"/>	
M107	6171	Ophiucus	Globular Cluster	N/A	10.0	16h 32.5m	-13 3	10.0	<input type="checkbox"/>	
M108	3556	Ursa Major	Spiral Galaxy	N/A	11.0	11h 11.6m	55 41	8.0x1.0	<input type="checkbox"/>	
M109	3992	Ursa Major	Spiral Galaxy	N/A	11.0	11h 57.6m	53 23	7.0x4.0	<input type="checkbox"/>	
M110	0205	Andromeda	Elliptical Galaxy	Satellite of M31	10.0	0h 40.4m	41 41	17.0x10.0	<input type="checkbox"/>	

The Ultimate Messier Object Log - Personal Viewing Notes

#	Constellation	Type	Name, if any	Bino Diff.	Chart pg. #	Time	Comments	Seen?	Notes	Date
M001	Taurus	Supernova remnant	Crab Nebula	C				<input type="checkbox"/>		
M002	Aquarius	Globular Cluster	N/A	E				<input type="checkbox"/>		
M003	Canes Venatici	Globular Cluster	N/A	E				<input type="checkbox"/>		
M004	Scorpio	Globular Cluster	N/A	E				<input type="checkbox"/>		
M005	Serpens Caput	Globular Cluster	N/A	E				<input type="checkbox"/>		
M006	Scorpius	Open Cluster	Butterfly Cluster	E				<input type="checkbox"/>		
M007	Scorpius	Open Cluster	Ptolemy's Cluster	E				<input type="checkbox"/>		
M008	Sagittarius	Diffuse Nebula	Lagoon Nebula	E				<input type="checkbox"/>		
M009	Ophiucus	Globular Cluster	N/A	T2				<input type="checkbox"/>		
M010	Ophiucus	Globular Cluster	N/A	E				<input type="checkbox"/>		
M011	Scutum	Open Cluster	Wild Duck Cluster	E				<input type="checkbox"/>		
M012	Ophiucus	Globular Cluster	N/A	E				<input type="checkbox"/>		
M013	Hercules	Globular Cluster	N/A	E				<input type="checkbox"/>		
M014	Ophiucus	Globular Cluster	N/A	T				<input type="checkbox"/>		
M015	Pegasus	Globular Cluster	N/A	E				<input type="checkbox"/>		
M016	Serpens Claudia	Open Cluster	Eagle Nebula Cluster	E				<input type="checkbox"/>		
M017	Sagittarius	Diffuse Nebula	Omega, Swan,	E				<input type="checkbox"/>		
M018	Sagittarius	Open Cluster	N/A	E				<input type="checkbox"/>		
M019	Ophiucus	Globular Cluster	N/A	T				<input type="checkbox"/>		
M020	Sagittarius	Diffuse Nebula	Trifid Nebula	C2				<input type="checkbox"/>		
M021	Sagittarius	Open Cluster	N/A	?				<input type="checkbox"/>		
M022	Sagittarius	Globular Cluster	N/A	E				<input type="checkbox"/>		
M023	Sagittarius	Open Cluster	N/A	E				<input type="checkbox"/>		
M024	Sagittarius	Star Cloud	Milky Way Patch	E				<input type="checkbox"/>		
M025	Sagittarius	Open Cluster	N/A	E				<input type="checkbox"/>		
M026	Scutum	Open Cluster	N/A	C				<input type="checkbox"/>		
M027	Vulpecula	Planetary Nebula	Dumbbell Nebula	E				<input type="checkbox"/>		
M028	Sagittarius	Globular Cluster	N/A	T				<input type="checkbox"/>		
M029	Cygnus	Open Cluster	N/A	E				<input type="checkbox"/>		
M030	Capricornus	Globular Cluster	N/A	T				<input type="checkbox"/>		
M031	Andromeda	Spiral Galaxy	Andromeda Galaxy	E				<input type="checkbox"/>		

The Ultimate Messier Object Log - Personal Viewing Notes

#	Constellation	Type	Name, if any	Bino Diff.	Chart pg. #	Time	Comments	Seen?	Notes	Date
M032	Andromeda	Elliptical Galaxy	Satellite of M31	E2				<input type="checkbox"/>		
M033	Triangulum	Spiral Galaxy	Triangulum (also	T2				<input type="checkbox"/>		
M034	Perseus	Open Cluster	N/A	E				<input type="checkbox"/>		
M035	Gemini	Open Cluster	N/A	E				<input type="checkbox"/>		
M036	Auriga	Open Cluster	N/A	E				<input type="checkbox"/>		
M037	Auriga	Open Cluster	N/A	E				<input type="checkbox"/>		
M038	Auriga	Open Cluster	N/A	E				<input type="checkbox"/>		
M039	Cygnus	Open Cluster	N/A	E				<input type="checkbox"/>		
M040	Ursa Major	Double Star	Winecke 4	T				<input type="checkbox"/>		
M041	Canis Major	Open Cluster	N/A	E				<input type="checkbox"/>		
M042	Orion	Diffuse Nebula	Great Orion Nebula	E				<input type="checkbox"/>		
M043	Orion	Diffuse Nebula	de Mairan's Nebula	?				<input type="checkbox"/>		
M044	Cancer	Open Cluster	Beehive Cluster	E				<input type="checkbox"/>		
M045	Taurus	Open Cluster	Pleiades, Subaru,	E				<input type="checkbox"/>		
M046	Puppis	Open Cluster	N/A	E				<input type="checkbox"/>		
M047	Puppis	Open Cluster	N/A	E				<input type="checkbox"/>		
M048	Hydra	Open Cluster	N/A	E				<input type="checkbox"/>		
M049	Virgo	Elliptical Galaxy	N/A	T				<input type="checkbox"/>		
M050	Monocerus	Open Cluster	N/A	E				<input type="checkbox"/>		
M051	Ursa Major	Spiral Galaxy	Whirlpool Galaxy	C				<input type="checkbox"/>		
M052	Cassiopea	Open Cluster	N/A	E				<input type="checkbox"/>		
M053	Coma Berenices	Globular Cluster	N/A	T				<input type="checkbox"/>		
M054	Sagittarius	Globular Cluster	N/A	C				<input type="checkbox"/>		
M055	Sagittarius	Globular Cluster	N/A	E				<input type="checkbox"/>		
M056	Lyra	Globular Cluster	N/A	C				<input type="checkbox"/>		
M057	Lyra	Planetary Nebula	Ring Nebula	?				<input type="checkbox"/>		
M058	Virgo	Spiral Galaxy	N/A	T2				<input type="checkbox"/>		
M059	Virgo	Elliptical Galaxy	N/A	T2				<input type="checkbox"/>		
M060	Virgo	Elliptical Galaxy	N/A	E2				<input type="checkbox"/>		
M061	Virgo	Spiral Galaxy	N/A	E2				<input type="checkbox"/>		
M062	Ophiucus	Globular Cluster	N/A	T				<input type="checkbox"/>		

The Ultimate Messier Object Log - Personal Viewing Notes

#	Constellation	Type	Name, if any	Bino Diff.	Chart pg. #	Time	Comments	Seen?	Notes	Date
M063	Canes Venatici	Spiral Galaxy	Sunflower Galaxy	T				<input type="checkbox"/>		
M064	Coma Berenices	Spiral Galaxy	Blackeye Galaxy	T				<input type="checkbox"/>		
M065	Leo	Spiral Galaxy	N/A	C				<input type="checkbox"/>		
M066	Leo	Spiral Galaxy	N/A	C				<input type="checkbox"/>		
M067	Cancer	Open Cluster	N/A	E				<input type="checkbox"/>		
M068	Hydra	Globular Cluster	N/A	C				<input type="checkbox"/>		
M069	Sagittarius	Globular Cluster	N/A	T2				<input type="checkbox"/>		
M070	Sagittarius	Globular Cluster	N/A	T2				<input type="checkbox"/>		
M071	Sagitta	Globular Cluster	N/A	C				<input type="checkbox"/>		
M072	Aquarius	Globular Cluster	N/A	T2				<input type="checkbox"/>		
M073	Aquarius	Group/Asterism	N/A	C2				<input type="checkbox"/>		
M074	Pisces	Spiral Galaxy	N/A	C2				<input type="checkbox"/>		
M075	Sagittarius	Globular Cluster	N/A	C				<input type="checkbox"/>		
M076	Perseus	Planetary Nebula	Little Dumbell, Cork,	C2				<input type="checkbox"/>		
M077	Cetus	Spiral Galaxy	N/A	C2				<input type="checkbox"/>		
M078	Orion	Diffuse Nebula	N/A	T				<input type="checkbox"/>		
M079	Lepus	Globular Cluster	N/A	T2				<input type="checkbox"/>		
M080	Scorpius	Globular Cluster	N/A	T				<input type="checkbox"/>		
M081	Ursa Major	Spiral Galaxy	Bode's Galaxy - 1/2	T				<input type="checkbox"/>		
M082	Ursa Major	Irregular Galaxy	Cigar Galaxy - 1/2 of	T				<input type="checkbox"/>		
M083	Hydra	Spiral Galaxy	Small Pinwheel	T				<input type="checkbox"/>		
M084	Virgo	Lenticular (S0) Galaxy	N/A	T2				<input type="checkbox"/>		
M085	Coma Berenices	Lenticular (S0) Galaxy	N/A	T2				<input type="checkbox"/>		
M086	Virgo	Lenticular (S0) Galaxy	N/A	T2				<input type="checkbox"/>		
M087	Virgo	Elliptical Galaxy	Virgo A	C2				<input type="checkbox"/>		
M088	Coma Berenices	Spiral Galaxy	N/A	T2				<input type="checkbox"/>		
M089	Virgo	Elliptical Galaxy	N/A	T2				<input type="checkbox"/>		
M090	Virgo	Spiral Galaxy	N/A	T2				<input type="checkbox"/>		
M091	Coma Berenices	Spiral Galaxy	N/A	C2				<input type="checkbox"/>		
M092	Hercules	Globular Cluster	N/A	E				<input type="checkbox"/>		
M093	Puppis	Open Cluster	N/A	E				<input type="checkbox"/>		

The Ultimate Messier Object Log - Personal Viewing Notes

#	Constellation	Type	Name, if any	Bino Diff.	Chart pg. #	Time	Comments	Seen?	Notes	Date
M094	Canes Venatici	Spiral Galaxy	N/A	T				<input type="checkbox"/>		
M095	Leo	Spiral Galaxy	N/A	T2				<input type="checkbox"/>		
M096	Leo	Spiral Galaxy	N/A	T2				<input type="checkbox"/>		
M097	Ursa Major	Planetary Nebula	Owl Nebula	C				<input type="checkbox"/>		
M098	Coma Berenices	Spiral Galaxy	N/A	C2				<input type="checkbox"/>		
M099	Coma Berenices	Spiral Galaxy	N/A	T2				<input type="checkbox"/>		
M100	Coma Berenices	Spiral Galaxy	N/A	C				<input type="checkbox"/>		
M101	Ursa Major	Spiral Galaxy	Pinwheel Galaxy	C				<input type="checkbox"/>		
M102	Draco	Lenticular (S0) Galaxy	Spindle Galaxy	C2				<input type="checkbox"/>		
M103	Cassiopeia	Open Cluster	N/A	E				<input type="checkbox"/>		
M104	Virgo	Spiral Galaxy	Sombrero Galaxy	C				<input type="checkbox"/>		
M105	Leo	Elliptical Galaxy	N/A	T2				<input type="checkbox"/>		
M106	Ursa Major	Spiral Galaxy	N/A	C				<input type="checkbox"/>		
M107	Ophiucus	Globular Cluster	N/A	T2				<input type="checkbox"/>		
M108	Ursa Major	Spiral Galaxy	N/A	T2				<input type="checkbox"/>		
M109	Ursa Major	Spiral Galaxy	N/A	T2				<input type="checkbox"/>		
M110	Andromeda	Elliptical Galaxy	Satellite of M31	C2				<input type="checkbox"/>		

The Ultimate Messier Object Log - Atlas Info (by constellation)

Andromeda

Messier #	NGC#	Type	Name, If Any	Mag.	RA	Dec.	Size	Bino Diff.	Seen	Date
M031	0224	Spiral Galaxy	Andromeda Galaxy	4.5	0h 42.8m	41 16	178.0	E	<input type="checkbox"/>	
M032	0221	Elliptical Galaxy	Satellite of M31	10.0	0h 42.8m	40 52	8.0x6.0	E2	<input type="checkbox"/>	
M110	0205	Elliptical Galaxy	Satellite of M31	10.0	0h 40.4m	41 41	17.0x10.0	C2	<input type="checkbox"/>	

Aquarius

Messier #	NGC#	Type	Name, If Any	Mag.	RA	Dec.	Size	Bino Diff.	Seen	Date
M002	7089	Globular Cluster	N/A	6.5	21h 33.5m	-0 49	12.9	E	<input type="checkbox"/>	
M072	6981	Globular Cluster	N/A	10.0	20h 53.5m	-12 32	5.9	T2	<input type="checkbox"/>	
M073	6994	Group/Asterism	N/A	9.0	20h 59.0m	-12 3	2.8	C2	<input type="checkbox"/>	

Auriga

Messier #	NGC#	Type	Name, If Any	Mag.	RA	Dec.	Size	Bino Diff.	Seen	Date
M036	1960	Open Cluster	N/A	6.5	5h 36.1	34 08	12.0	E	<input type="checkbox"/>	
M037	2099	Open Cluster	N/A	6.0	5h 52.4m	32 33	24.0	E	<input type="checkbox"/>	
M038	1922	Open Cluster	N/A	7.0	5h 28.7m	35 50	21.0	E	<input type="checkbox"/>	

Cancer

Messier #	NGC#	Type	Name, If Any	Mag.	RA	Dec.	Size	Bino Diff.	Seen	Date
M044	2632	Open Cluster	Beehive Cluster (Praesepe)	4.0	8h 40.1m	19 59	95.0	E	<input type="checkbox"/>	
M067	2628	Open Cluster	N/A	7.5	8h 50.4m	11 49	30.0	E	<input type="checkbox"/>	

Canes Venatici

Messier #	NGC#	Type	Name, If Any	Mag.	RA	Dec.	Size	Bino Diff.	Seen	Date
M003	5272	Globular Cluster	N/A	6.4	13h 42.2m	28 23	16.2	E	<input type="checkbox"/>	
M063	5055	Spiral Galaxy	Sunflower Galaxy	8.5	13h 15.8m	42 2	10.0x6.0	T	<input type="checkbox"/>	
M094	4736	Spiral Galaxy	N/A	9.5	12h 50.9m	41 8	7.0x3.0	T	<input type="checkbox"/>	

Canis Major

Messier #	NGC#	Type	Name, If Any	Mag.	RA	Dec.	Size	Bino Diff.	Seen	Date
M041	2287	Open Cluster	N/A	5.0	6h 47.0m	-20 44	38.0	E	<input type="checkbox"/>	

Capricornus

Messier #	NGC#	Type	Name, If Any	Mag.	RA	Dec.	Size	Bino Diff.	Seen	Date
M030	7099	Globular Cluster	N/A	8.5	21h 40.4m	-23 11	11.0	T	<input type="checkbox"/>	

The Ultimate Messier Object Log - Atlas Info (by constellation)

Cassiopea

Messier #	NGC#	Type	Name, If Any	Mag.	RA	Dec.	Size	Bino Diff.	Seen	Date
M052	7654	Open Cluster	N/A	8.0	23h 24.2m	61 35	13.0	E	<input type="checkbox"/>	

Cassiopeia

Messier #	NGC#	Type	Name, If Any	Mag.	RA	Dec.	Size	Bino Diff.	Seen	Date
M103	0581	Open Cluster	N/A	7.0	1h 33.2m	60 42	6.0	E	<input type="checkbox"/>	

Cetus

Messier #	NGC#	Type	Name, If Any	Mag.	RA	Dec.	Size	Bino Diff.	Seen	Date
M077	1068	Spiral Galaxy	N/A	10.5	2h 42.7m	-9 2	7.0x6.0	C2	<input type="checkbox"/>	

Coma Berenices

Messier #	NGC#	Type	Name, If Any	Mag.	RA	Dec.	Size	Bino Diff.	Seen	Date
M053	5024	Globular Cluster	N/A	8.5	13h 12.9m	18 10	12.6	T	<input type="checkbox"/>	
M064	4826	Spiral Galaxy	Blackeye Galaxy	9.0	12h 56.7m	21 41	9.3x5.4	T	<input type="checkbox"/>	
M085	4382	Lenticular (S0) Galaxy	N/A	10.5	12h 25.5m	18 12	7.1x5.2	T2	<input type="checkbox"/>	
M088	4501	Spiral Galaxy	N/A	11.0	12h 32.1m	14 26	7.0x4.0	T2	<input type="checkbox"/>	
M091	4548	Spiral Galaxy	N/A	11.5	12h 35.5m	14 30	5.4x4.4	C2	<input type="checkbox"/>	
M098	4192	Spiral Galaxy	N/A	11.0	12h 13.9m	14 55	9.5x3.2	C2	<input type="checkbox"/>	
M099	4254	Spiral Galaxy	N/A	10.5	12h 18.9m	14 26	5.4x4.8	T2	<input type="checkbox"/>	
M100	4321	Spiral Galaxy	N/A	10.5	12h 23.0m	15 50	7.0x6.0	C	<input type="checkbox"/>	

Cygnus

Messier #	NGC#	Type	Name, If Any	Mag.	RA	Dec.	Size	Bino Diff.	Seen	Date
M029	6913	Open Cluster	N/A	9.0	20h 23.9m	38 32	7.0	E	<input type="checkbox"/>	
M039	7092	Open Cluster	N/A	5.5	21h 32.2m	48 26	32.0	E	<input type="checkbox"/>	

Draco

Messier #	NGC#	Type	Name, If Any	Mag.	RA	Dec.	Size	Bino Diff.	Seen	Date
M102	5866	Lenticular (S0) Galaxy	Spindle Galaxy	10.5	15h 6.5m	55 45	5.2x2.3	C2	<input type="checkbox"/>	

Gemini

Messier #	NGC#	Type	Name, If Any	Mag.	RA	Dec.	Size	Bino Diff.	Seen	Date
M035	2168	Open Cluster	N/A	5.5	6h 8.9m	24 20	28.0	E	<input type="checkbox"/>	

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Hercules

Messier #	NGC#	Type	Name, If Any	Mag.	RA	Dec.	Size	Bino Diff.	Seen	Date
M013	6205	Globular Cluster	N/A	5.9	16h 41.7m	36 28	16.6	E	<input type="checkbox"/>	
M092	6341	Globular Cluster	N/A	7.5	17h 17.1m	43 8	11.2	E	<input type="checkbox"/>	

Hydra

Messier #	NGC#	Type	Name, If Any	Mag.	RA	Dec.	Size	Bino Diff.	Seen	Date
M048	2548	Open Cluster	N/A	5.5	8h 13.8m	-5 48	54.0	E	<input type="checkbox"/>	
M068	4590	Globular Cluster	N/A	9.0	12h 39.5m	-26 45	12.0	C	<input type="checkbox"/>	
M083	5236	Spiral Galaxy	Small Pinwheel Galaxy	8.5	13h 37.1m	-29 52	11.0x10.0	T	<input type="checkbox"/>	

Leo

Messier #	NGC#	Type	Name, If Any	Mag.	RA	Dec.	Size	Bino Diff.	Seen	Date
M065	3623	Spiral Galaxy	N/A	10.5	11h 18.9m	13 6	8.0x1.5	C	<input type="checkbox"/>	
M066	3627	Spiral Galaxy	N/A	10.0	11h 20.2m	13 0	8.0x2.5	C	<input type="checkbox"/>	
M095	3351	Spiral Galaxy	N/A	11.0	10h 43.9m	11 42	4.4x3.3	T2	<input type="checkbox"/>	
M096	3368	Spiral Galaxy	N/A	10.5	10h 46.7m	11 49	6.0x4.0	T2	<input type="checkbox"/>	
M105	3379	Elliptical Galaxy	N/A	11.0	10h 47.8m	12 35	2.0	T2	<input type="checkbox"/>	

Lepus

Messier #	NGC#	Type	Name, If Any	Mag.	RA	Dec.	Size	Bino Diff.	Seen	Date
M079	1904	Globular Cluster	N/A	8.5	5h 24.5m	-24 33	8.7	T2	<input type="checkbox"/>	

Lyra

Messier #	NGC#	Type	Name, If Any	Mag.	RA	Dec.	Size	Bino Diff.	Seen	Date
M056	6779	Globular Cluster	N/A	9.5	19h 16.6m	30 11	7.1	C	<input type="checkbox"/>	
M057	6720	Planetary Nebula	Ring Nebula	9.5	18h 53.6m	33 2	1.4x1.0	?	<input type="checkbox"/>	

Monoceros

Messier #	NGC#	Type	Name, If Any	Mag.	RA	Dec.	Size	Bino Diff.	Seen	Date
M050	2323	Open Cluster	N/A	7.0	7h 3.2m	-8 20	16.0	E	<input type="checkbox"/>	

Ophiucus

Messier #	NGC#	Type	Name, If Any	Mag.	RA	Dec.	Size	Bino Diff.	Seen	Date
M009	6333	Globular Cluster	N/A	7.9	17h 19.2m	-18 31	9.3	T2	<input type="checkbox"/>	
M010	6254	Globular Cluster	N/A	6.6	16h 57.1m	-4 6	15.1	E	<input type="checkbox"/>	

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M012	6218	Globular Cluster	N/A	6.6	16h 47.2m	-1 57	14.5	E	<input type="checkbox"/>
M014	6402	Globular Cluster	N/A	7.6	17h 37.6m	-3 15	11.7	T	<input type="checkbox"/>
M019	6273	Globular Cluster	N/A	8.5	17h 2.6m	-26 16	13.5	T	<input type="checkbox"/>
M062	6266	Globular Cluster	N/A	8.0	17h 1.2m	-30 7	14.1	T	<input type="checkbox"/>
M107	6171	Globular Cluster	N/A	10.0	16h 32.5m	-13 3	10.0	T2	<input type="checkbox"/>

Orion

Messier #	NGC#	Type	Name, If Any	Mag.	RA	Dec.	Size	Bino Diff.	Seen	Date
M042	1976	Diffuse Nebula	Great Orion Nebula	5.0	5h 35.3m	-5 23	85.0x60.0	E	<input type="checkbox"/>	
M043	1982	Diffuse Nebula	de Mairan's Nebula	7.0	5h 35.5m	-5 16	20.0x15.0	?	<input type="checkbox"/>	
M078	2068	Diffuse Nebula	N/A	8.0	5h 46.8m	0 4	8.0x6.0	T	<input type="checkbox"/>	

Pegasus

Messier #	NGC#	Type	Name, If Any	Mag.	RA	Dec.	Size	Bino Diff.	Seen	Date
M015	7078	Globular Cluster	N/A	6.4	21h 30m	12 10	12.3	E	<input type="checkbox"/>	

Perseus

Messier #	NGC#	Type	Name, If Any	Mag.	RA	Dec.	Size	Bino Diff.	Seen	Date
M034	1039	Open Cluster	N/A	6.0	2h 42.0m	42 47	35.0	E	<input type="checkbox"/>	
M076	0650	Planetary Nebula	Little Dumbell, Cork, Butterfly	12.0	1h 42.4m	51 34	2.7x1.8	C2	<input type="checkbox"/>	

Pisces

Messier #	NGC#	Type	Name, If Any	Mag.	RA	Dec.	Size	Bino Diff.	Seen	Date
M074	0628	Spiral Galaxy	N/A	10.5	1h 36.6m	15 48	10.2x9.5	C2	<input type="checkbox"/>	

Puppis

Messier #	NGC#	Type	Name, If Any	Mag.	RA	Dec.	Size	Bino Diff.	Seen	Date
M046	2437	Open Cluster	N/A	6.5	7h 41.8m	-14 49	27.0	E	<input type="checkbox"/>	
M047	2422	Open Cluster	N/A	4.5	7h 36.6m	-14 30	30.0	E	<input type="checkbox"/>	
M093	2447	Open Cluster	N/A	6.5	7h 44.6m	-23 52	22.0	E	<input type="checkbox"/>	

Sagitta

Messier #	NGC#	Type	Name, If Any	Mag.	RA	Dec.	Size	Bino Diff.	Seen	Date
M071	6838	Globular Cluster	N/A	8.5	19h 53.8m	18 47	7.2	C	<input type="checkbox"/>	

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Sagittarius

Messier #	NGC#	Type	Name, If Any	Mag.	RA	Dec.	Size	Bino Diff.	Seen	Date
M008	6523	Diffuse Nebula	Lagoon Nebula	5.0	18h 3.1m	-24 23	35.0x50.0	E	<input type="checkbox"/>	
M017	6618	Diffuse Nebula	Omega, Swan, Horseshoe	7.0	18h 20.8m	-16 11	11.0	E	<input type="checkbox"/>	
M018	6613	Open Cluster	N/A	8.0	18h 19.9m	-17 8	9.0	E	<input type="checkbox"/>	
M020	6514	Diffuse Nebula	Trifid Nebula	5.0	18h 2.3m	-23 2	28.0	C2	<input type="checkbox"/>	
M021	6531	Open Cluster	N/A	7.0	18h 4.6m	-22 30	13.0	?	<input type="checkbox"/>	
M022	6656	Globular Cluster	N/A	6.5	18h 36.4m	-29 54	24.0	E	<input type="checkbox"/>	
M023	6494	Open Cluster	N/A	6.0	17h 56.8m	-19 1	27.0	E	<input type="checkbox"/>	
M024	6603	Star Cloud	Milky Way Patch	11.5	18h 18.4m	-18 25	5.0	E	<input type="checkbox"/>	
M025	IC4725	Open Cluster	N/A	4.9	18h 28.8m	-19 17	40.0	E	<input type="checkbox"/>	
M028	6626	Globular Cluster	N/A	8.5	18h 24.5m	-24 52	11.2	T	<input type="checkbox"/>	
M054	6715	Globular Cluster	N/A	8.5	18h 55.1m	-30 29	9.1	C	<input type="checkbox"/>	
M055	6809	Globular Cluster	N/A	7.0	19h 40.0m	-30 58	19.0	E	<input type="checkbox"/>	
M069	6637	Globular Cluster	N/A	9.0	18h 34.4m	-32 21	7.1	T2	<input type="checkbox"/>	
M070	6681	Globular Cluster	N/A	9.0	18h 43.2m	-32 18	7.8	T2	<input type="checkbox"/>	
M075	6864	Globular Cluster	N/A	9.5	20h 6.1m	-21 55	6.0	C	<input type="checkbox"/>	

Scorpio

Messier #	NGC#	Type	Name, If Any	Mag.	RA	Dec.	Size	Bino Diff.	Seen	Date
M004	6121	Globular Cluster	N/A	5.9	16h 23.6m	-26 32	26.3	E	<input type="checkbox"/>	

Scorpius

Messier #	NGC#	Type	Name, If Any	Mag.	RA	Dec.	Size	Bino Diff.	Seen	Date
M006	6405	Open Cluster	Butterfly Cluster	4.2	17h 40.1m	-32 13	15.0	E	<input type="checkbox"/>	
M007	6475	Open Cluster	Ptolemy's Cluster	3.3	17h 53.9m	-34 49	80.0	E	<input type="checkbox"/>	
M080	6093	Globular Cluster	N/A	8.5	16h 17.0m	-22 59	8.9	T	<input type="checkbox"/>	

Scutum

Messier #	NGC#	Type	Name, If Any	Mag.	RA	Dec.	Size	Bino Diff.	Seen	Date
M011	6705	Open Cluster	Wild Duck Cluster	5.8	18h 51.1m	-6 16	14.0	E	<input type="checkbox"/>	
M026	6694	Open Cluster	N/A	9.5	18h 45.2m	-9 24	15.0	C	<input type="checkbox"/>	

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Serpens Caput

Messier #	NGC#	Type	Name, If Any	Mag.	RA	Dec.	Size	Bino Diff.	Seen	Date
M005	5904	Globular Cluster	N/A	5.8	15h 18.6m	25	17.4	E	<input type="checkbox"/>	

Serpens Claudia

Messier #	NGC#	Type	Name, If Any	Mag.	RA	Dec.	Size	Bino Diff.	Seen	Date
M016	6611	Open Cluster	Eagle Nebula Cluster	6.5	18h 18.8m	-13 47	7.0	E	<input type="checkbox"/>	

Taurus

Messier #	NGC#	Type	Name, If Any	Mag.	RA	Dec.	Size	Bino Diff.	Seen	Date
M001	1952	Supernova remnant	Crab Nebula	8.4	5h 34.5m	22 01	6.0x4.0	C	<input type="checkbox"/>	
M045	1432	Open Cluster	Pleiades, Subaru, Seven Sisters	1.4	3h 47.0m	24 07	110.0	E	<input type="checkbox"/>	

Triangulum

Messier #	NGC#	Type	Name, If Any	Mag.	RA	Dec.	Size	Bino Diff.	Seen	Date
M033	0598	Spiral Galaxy	Triangulum (also Pinwheel)	7.0	1h 33.9m	30 40	73.0x45.0	T2	<input type="checkbox"/>	

Ursa Major

Messier #	NGC#	Type	Name, If Any	Mag.	RA	Dec.	Size	Bino Diff.	Seen	Date
M040	7092	Double Star	Winecke 4	9.0	12h 20.0m	58 22	0.8	T	<input type="checkbox"/>	
M051	5194	Spiral Galaxy	Whirlpool Galaxy	8.0	13h 30.0m	47 11	11.0x7.0	C	<input type="checkbox"/>	
M081	3031	Spiral Galaxy	Bode's Galaxy - 1/2 of Double	8.5	9h 55.6m	69 4	21.0x10.0	T	<input type="checkbox"/>	
M082	3034	Irregular Galaxy	Cigar Galaxy - 1/2 of Double	9.5	9h 55.9m	69 41	9.x4.0	T	<input type="checkbox"/>	
M097	3587	Planetary Nebula	Owl Nebula	12.0	11h 14.8m	55 1	3.4x3.3	C	<input type="checkbox"/>	
M101	5457	Spiral Galaxy	Pinwheel Galaxy	8.5	14h 3.3m	54 22	22.0	C	<input type="checkbox"/>	
M106	4258	Spiral Galaxy	N/A	9.5	12h 18.9m	47 19	19.0x8.0	C	<input type="checkbox"/>	
M108	3556	Spiral Galaxy	N/A	11.0	11h 11.6m	55 41	8.0x1.0	T2	<input type="checkbox"/>	
M109	3992	Spiral Galaxy	N/A	11.0	11h 57.6m	53 23	7.0x4.0	T2	<input type="checkbox"/>	

Virgo

Messier #	NGC#	Type	Name, If Any	Mag.	RA	Dec.	Size	Bino Diff.	Seen	Date
M049	4472	Elliptical Galaxy	N/A	10.0	12h 29.8m	8 1	9.0x7.5	T	<input type="checkbox"/>	
M058	4579	Spiral Galaxy	N/A	11.0	12h 37.8m	11 50	5.5x4.5	T2	<input type="checkbox"/>	
M059	4621	Elliptical Galaxy	N/A	11.5	12h 42.1m	11 39	5.0x3.5	T2	<input type="checkbox"/>	
M060	4649	Elliptical Galaxy	N/A	10.5	12h 43.7m	11 34	7.0x6.0	E2	<input type="checkbox"/>	

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M061	4303	Spiral Galaxy	N/A	10.5	12h 22.0m	4 29	6.0x5.5	E2	<input type="checkbox"/>
M084	4374	Lenticular (S0) Galaxy	N/A	11.0	12h 25.1m	12 54	5.0	T2	<input type="checkbox"/>
M086	4406	Lenticular (S0) Galaxy	N/A	11.0	12h 26.3m	12 57	7.5x5.5	T2	<input type="checkbox"/>
M087	4486	Elliptical Galaxy	Virgo A	11.0	12h 30.9m	12 24	7.0	C2	<input type="checkbox"/>
M089	4552	Elliptical Galaxy	N/A	11.5	12h 35.7m	12 34	4.0	T2	<input type="checkbox"/>
M090	4569	Spiral Galaxy	N/A	11.0	12h 36.9m	13 10	9.5x4.5	T2	<input type="checkbox"/>
M104	4594	Spiral Galaxy	Sombrero Galaxy	9.5	12h 39.9m	-11 37	9.0x4.0	C	<input type="checkbox"/>

Vulpecula

Messier #	NGC#	Type	Name, If Any	Mag.	RA	Dec.	Size	Bino Diff.	Seen	Date
M027	6853	Planetary Nebula	Dumbbell Nebula	7.5	19h 59.6m	22 43	8.0x5.6	E	<input type="checkbox"/>	

The Ultimate Messier Object Log - Messier Marathon Info

Search #	M #	NGC #	Constellation	RA	Dec	Mag.	Size	Season	Seen?
1	M077	1068	Cetus	2h 42.7m	-9 2	10.5	7.0x6.0	Fall/Early Winter	<input type="checkbox"/>
2	M074	0628	Pisces	1h 36.6m	15 48	10.5	10.2x9.5	Fall/Early Winter	<input type="checkbox"/>
3	M033	0598	Triangulum	1h 33.9m	30 40	7.0	73.0x45.0	Winter	<input type="checkbox"/>
4	M031	0224	Andromeda	0h 42.8m	41 16	4.5	178.0	Winter	<input type="checkbox"/>
5	M032	0221	Andromeda	0h 42.8m	40 52	10.0	8.0x6.0	Winter	<input type="checkbox"/>
6	M110	0205	Andromeda	0h 40.4m	41 41	10.0	17.0x10.0	Winter	<input type="checkbox"/>
7	M052	7654	Cassiopea	23h 24.2m	61 35	8.0	13.0	Winter	<input type="checkbox"/>
8	M103	0581	Cassiopeia	1h 33.2m	60 42	7.0	6.0	Winter	<input type="checkbox"/>
9	M076	0650	Perseus	1h 42.4m	51 34	12.0	2.7x1.8	Winter	<input type="checkbox"/>
10	M034	1039	Perseus	2h 42.0m	42 47	6.0	35.0	Winter	<input type="checkbox"/>
11	M045	1432	Taurus	3h 47.0m	24 07	1.4	110.0	Winter	<input type="checkbox"/>
12	M079	1904	Lepus	5h 24.5m	-24 33	8.5	8.7	Winter	<input type="checkbox"/>
13	M042	1976	Orion	5h 35.3m	-5 23	5.0	85.0x60.0	Winter	<input type="checkbox"/>
14	M043	1982	Orion	5h 35.5m	-5 16	7.0	20.0x15.0	Winter	<input type="checkbox"/>
15	M078	2068	Orion	5h 46.8m	0 4	8.0	8.0x6.0	Winter	<input type="checkbox"/>
16	M001	1952	Taurus	5h 34.5m	22 01	8.4	6.0x4.0	Winter	<input type="checkbox"/>
17	M035	2168	Gemini	6h 8.9m	24 20	5.5	28.0	Winter	<input type="checkbox"/>
18	M037	2099	Auriga	5h 52.4m	32 33	6.0	24.0	Winter	<input type="checkbox"/>
19	M036	1960	Auriga	5h 36.1	34 08	6.5	12.0	Winter	<input type="checkbox"/>
20	M038	1922	Auriga	5h 28.7m	35 50	7.0	21.0	Winter	<input type="checkbox"/>
21	M041	2287	Canis Major	6h 47.0m	-20 44	5.0	38.0	Winter	<input type="checkbox"/>
22	M093	2447	Puppis	7h 44.6m	-23 52	6.5	22.0	Winter	<input type="checkbox"/>
23	M047	2422	Puppis	7h 36.6m	-14 30	4.5	30.0	Winter	<input type="checkbox"/>
24	M046	2437	Puppis	7h 41.8m	-14 49	6.5	27.0	Winter	<input type="checkbox"/>
25	M050	2323	Monocerus	7h 3.2m	-8 20	7.0	16.0	Winter	<input type="checkbox"/>
26	M048	2548	Hydra	8h 13.8m	-5 48	5.5	54.0	Early Spring	<input type="checkbox"/>
27	M044	2632	Cancer	8h 40.1m	19 59	4.0	95.0	Early Spring	<input type="checkbox"/>
28	M067	2628	Cancer	8h 50.4m	11 49	7.5	30.0	Early Spring	<input type="checkbox"/>
28	M095	3351	Leo	10h 43.9m	11 42	11.0	4.4x3.3	Early Spring	<input type="checkbox"/>
29	M096	3368	Leo	10h 46.7m	11 49	10.5	6.0x4.0	Early Spring	<input type="checkbox"/>
31	M105	3379	Leo	10h 47.8m	12 35	11.0	2.0	Early Spring	<input type="checkbox"/>
32	M065	3623	Leo	11h 18.9m	13 6	10.5	8.0x1.5	Early Spring	<input type="checkbox"/>
33	M066	3627	Leo	11h 20.2m	13 0	10.0	8.0x2.5	Early Spring	<input type="checkbox"/>
34	M081	3031	Ursa Major	9h 55.6m	69 4	8.5	21.0x10.0	Early Spring	<input type="checkbox"/>
35	M082	3034	Ursa Major	9h 55.9m	69 41	9.5	9.x4.0	Late Spring	<input type="checkbox"/>
36	M097	3587	Ursa Major	11h 14.8m	55 1	12.0	3.4x3.3	Late Spring	<input type="checkbox"/>
37	M108	3556	Ursa Major	11h 11.6m	55 41	11.0	8.0x1.0	Early Spring	<input type="checkbox"/>
38	M109	3992	Ursa Major	11h 57.6m	53 23	11.0	7.0x4.0	Early Spring	<input type="checkbox"/>
39	M040	7092	Ursa Major	12h 20.0m	58 22	9.0	0.8	Early Spring	<input type="checkbox"/>
40	M106	4258	Ursa Major	12h 18.9m	47 19	9.5	19.0x8.0	Early Spring	<input type="checkbox"/>
41	M094	4736	Canes Venatici	12h 50.9m	41 8	9.5	7.0x3.0	Early Spring	<input type="checkbox"/>
42	M063	5055	Canes Venatici	13h 15.8m	42 2	8.5	10.0x6.0	Early Spring	<input type="checkbox"/>
43	M051	5194	Ursa Major	13h 30.0m	47 11	8.0	11.0x7.0	Early Spring	<input type="checkbox"/>

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Search #	M #	NGC #	Constellation	RA	Dec	Mag.	Size	Season	Seen?
44	M101	5457	Ursa Major	14h 3.3m	54 22	8.5	22.0	Early Spring	<input type="checkbox"/>
45	M102	5866	Draco	15h 6.5m	55 45	10.5	5.2x2.3	Mid-Summer	<input type="checkbox"/>
46	M053	5024	Coma Berenices	13h 12.9m	18 10	8.5	12.6	Late Spring	<input type="checkbox"/>
47	M064	4826	Coma Berenices	12h 56.7m	21 41	9.0	9.3x5.4	Late Spring	<input type="checkbox"/>
48	M003	5272	Canes Venatici	13h 42.2m	28 23	6.4	16.2	Early Spring	<input type="checkbox"/>
49	M098	4192	Coma Berenices	12h 13.9m	14 55	11.0	9.5x3.2	Late Spring	<input type="checkbox"/>
50	M099	4254	Coma Berenices	12h 18.9m	14 26	10.5	5.4x4.8	Fall/Early Winter	<input type="checkbox"/>
51	M100	4321	Coma Berenices	12h 23.0m	15 50	10.5	7.0x6.0	Late Spring	<input type="checkbox"/>
52	M085	4382	Coma Berenices	12h 25.5m	18 12	10.5	7.1x5.2	Late Spring	<input type="checkbox"/>
53	M084	4374	Virgo	12h 25.1m	12 54	11.0	5.0	Late Spring	<input type="checkbox"/>
54	M086	4406	Virgo	12h 26.3m	12 57	11.0	7.5x5.5	Late Spring	<input type="checkbox"/>
55	M087	4486	Virgo	12h 30.9m	12 24	11.0	7.0	Late Spring	<input type="checkbox"/>
56	M089	4552	Virgo	12h 35.7m	12 34	11.5	4.0	Late Spring	<input type="checkbox"/>
57	M090	4569	Virgo	12h 36.9m	13 10	11.0	9.5x4.5	Late Spring	<input type="checkbox"/>
58	M088	4501	Coma Berenices	12h 32.1m	14 26	11.0	7.0x4.0	Late Spring	<input type="checkbox"/>
59	M091	4548	Coma Berenices	12h 35.5m	14 30	11.5	5.4x4.4	Late Spring	<input type="checkbox"/>
60	M058	4579	Virgo	12h 37.8m	11 50	11.0	5.5x4.5	Late Spring	<input type="checkbox"/>
61	M059	4621	Virgo	12h 42.1m	11 39	11.5	5.0x3.5	Late Spring	<input type="checkbox"/>
62	M060	4649	Virgo	12h 43.7m	11 34	10.5	7.0x6.0	Late Spring	<input type="checkbox"/>
63	M049	4472	Virgo	12h 29.8m	8 1	10.0	9.0x7.5	Late Spring	<input type="checkbox"/>
64	M061	4303	Virgo	12h 22.0m	4 29	10.5	6.0x5.5	Late Spring	<input type="checkbox"/>
65	M104	4594	Virgo	12h 39.9m	-11 37	9.5	9.0x4.0	Late Spring	<input type="checkbox"/>
66	M068	4590	Hydra	12h 39.5m	-26 45	9.0	12.0	Late Spring	<input type="checkbox"/>
67	M083	5236	Hydra	13h 37.1m	-29 52	8.5	11.0x10.0	Mid-Summer	<input type="checkbox"/>
68	M005	5904	Serpens Caput	15h 18.6m	2 5	5.8	17.4	Mid-Summer	<input type="checkbox"/>
69	M013	6205	Hercules	16h 41.7m	36 28	5.9	16.6	Mid-Summer	<input type="checkbox"/>
70	M092	6341	Hercules	17h 17.1m	43 8	7.5	11.2	Mid-Summer	<input type="checkbox"/>
71	M057	6720	Lyra	18h 53.6m	33 2	9.5	1.4x1.0	Fall/Early Winter	<input type="checkbox"/>
72	M056	6779	Lyra	19h 16.6m	30 11	9.5	7.1	Fall/Early Winter	<input type="checkbox"/>
73	M029	6913	Cygnus	20h 23.9m	38 32	9.0	7.0	Fall/Early Winter	<input type="checkbox"/>
74	M039	7092	Cygnus	21h 32.2m	48 26	5.5	32.0	Fall/Early Winter	<input type="checkbox"/>
75	M027	6853	Vulpecula	19h 59.6m	22 43	7.5	8.0x5.6	Fall/Early Winter	<input type="checkbox"/>
76	M071	6838	Sagitta	19h 53.8m	18 47	8.5	7.2	Fall/Early Winter	<input type="checkbox"/>
77	M107	6171	Ophiucus	16h 32.5m	-13 3	10.0	10.0	Mid-Summer	<input type="checkbox"/>
78	M012	6218	Ophiucus	16h 47.2m	-1 57	6.6	14.5	Mid-Summer	<input type="checkbox"/>
79	M010	6254	Ophiucus	16h 57.1m	-4 6	6.6	15.1	Mid-Summer	<input type="checkbox"/>
80	M014	6402	Ophiucus	17h 37.6m	-3 15	7.6	11.7	Mid-Summer	<input type="checkbox"/>
81	M009	6333	Ophiucus	17h 19.2m	-18 31	7.9	9.3	Mid-Summer	<input type="checkbox"/>
82	M004	6121	Scorpio	16h 23.6m	-26 32	5.9	26.3	Mid-Summer	<input type="checkbox"/>
83	M080	6093	Scorpius	16h 17.0m	-22 59	8.5	8.9	Mid-Summer	<input type="checkbox"/>
84	M019	6273	Ophiucus	17h 2.6m	-26 16	8.5	13.5	Mid-Summer	<input type="checkbox"/>
85	M062	6266	Ophiucus	17h 1.2m	-30 7	8.0	14.1	Mid-Summer	<input type="checkbox"/>
86	M006	6405	Scorpius	17h 40.1m	-32 13	4.2	15.0	Mid-Summer	<input type="checkbox"/>

The Ultimate Messier Object Log - Messier Marathon Info

Search #	M #	NGC #	Constellation	RA	Dec	Mag.	Size	Season	Seen?
87	M007	6475	Scorpius	17h 53.9m	-34 49	3.3	80.0	Mid-Summer	<input type="checkbox"/>
88	M011	6705	Scutum	18h 51.1m	-6 16	5.8	14.0	Late Summer	<input type="checkbox"/>
89	M026	6694	Scutum	18h 45.2m	-9 24	9.5	15.0	Late Summer	<input type="checkbox"/>
90	M016	6611	Serpens Claudia	18h 18.8m	-13 47	6.5	7.0	Late Summer	<input type="checkbox"/>
91	M017	6618	Sagittarius	18h 20.8m	-16 11	7.0	11.0	Late Summer	<input type="checkbox"/>
92	M018	6613	Sagittarius	18h 19.9m	-17 8	8.0	9.0	Late Summer	<input type="checkbox"/>
93	M024	6603	Sagittarius	18h 18.4m	-18 25	11.5	5.0	Late Summer	<input type="checkbox"/>
94	M025	IC4725	Sagittarius	18h 28.8m	-19 17	4.9	40.0	Late Summer	<input type="checkbox"/>
95	M023	6494	Sagittarius	17h 56.8m	-19 1	6.0	27.0	Late Summer	<input type="checkbox"/>
96	M021	6531	Sagittarius	18h 4.6m	-22 30	7.0	13.0	Late Summer	<input type="checkbox"/>
97	M020	6514	Sagittarius	18h 2.3m	-23 2	5.0	28.0	Late Summer	<input type="checkbox"/>
98	M008	6523	Sagittarius	18h 3.1m	-24 23	5.0	35.0x50.0	Late Summer	<input type="checkbox"/>
99	M028	6626	Sagittarius	18h 24.5m	-24 52	8.5	11.2	Late Summer	<input type="checkbox"/>
100	M022	6656	Sagittarius	18h 36.4m	-29 54	6.5	24.0	Late Summer	<input type="checkbox"/>
101	M069	6637	Sagittarius	18h 34.4m	-32 21	9.0	7.1	Late Summer	<input type="checkbox"/>
102	M070	6681	Sagittarius	18h 43.2m	-32 18	9.0	7.8	Late Summer	<input type="checkbox"/>
103	M054	6715	Sagittarius	18h 55.1m	-30 29	8.5	9.1	Late Summer	<input type="checkbox"/>
104	M055	6809	Sagittarius	19h 40.0m	-30 58	7.0	19.0	Late Summer	<input type="checkbox"/>
105	M075	6864	Sagittarius	20h 6.1m	-21 55	9.5	6.0	Late Summer	<input type="checkbox"/>
106	M015	7078	Pegasus	21h 30m	12 10	6.4	12.3	Fall/Early Winter	<input type="checkbox"/>
107	M002	7089	Aquarius	21h 33.5m	-0 49	6.5	12.9	Fall/Early Winter	<input type="checkbox"/>
108	M072	6981	Aquarius	20h 53.5m	-12 32	10.0	5.9	Fall/Early Winter	<input type="checkbox"/>
109	M073	6994	Aquarius	20h 59.0m	-12 3	9.0	2.8	Fall/Early Winter	<input type="checkbox"/>
110	M030	7099	Capricornus	21h 40.4m	-23 11	8.5	11.0	Fall/Early Winter	<input type="checkbox"/>

The Ultimate Messier Object Log - View by Season

Early Spring

Messier #	NGC #	Constellation	RA	Dec	Mag.	Size	Seen?	Date
M044	2632	Cancer	8h 40.1m	19 59	4.0	95.0	<input type="checkbox"/>	
M067	2628	Cancer	8h 50.4m	11 49	7.5	30.0	<input type="checkbox"/>	
M003	5272	Canes Venatici	13h 42.2m	28 23	6.4	16.2	<input type="checkbox"/>	
M063	5055	Canes Venatici	13h 15.8m	42 2	8.5	10.0x6.0	<input type="checkbox"/>	
M094	4736	Canes Venatici	12h 50.9m	41 8	9.5	7.0x3.0	<input type="checkbox"/>	
M048	2548	Hydra	8h 13.8m	-5 48	5.5	54.0	<input type="checkbox"/>	
M065	3623	Leo	11h 18.9m	13 6	10.5	8.0x1.5	<input type="checkbox"/>	
M066	3627	Leo	11h 20.2m	13 0	10.0	8.0x2.5	<input type="checkbox"/>	
M095	3351	Leo	10h 43.9m	11 42	11.0	4.4x3.3	<input type="checkbox"/>	
M096	3368	Leo	10h 46.7m	11 49	10.5	6.0x4.0	<input type="checkbox"/>	
M105	3379	Leo	10h 47.8m	12 35	11.0	2.0	<input type="checkbox"/>	
M040	7092	Ursa Major	12h 20.0m	58 22	9.0	0.8	<input type="checkbox"/>	
M051	5194	Ursa Major	13h 30.0m	47 11	8.0	11.0x7.0	<input type="checkbox"/>	
M081	3031	Ursa Major	9h 55.6m	69 4	8.5	21.0x10.0	<input type="checkbox"/>	
M101	5457	Ursa Major	14h 3.3m	54 22	8.5	22.0	<input type="checkbox"/>	
M106	4258	Ursa Major	12h 18.9m	47 19	9.5	19.0x8.0	<input type="checkbox"/>	
M108	3556	Ursa Major	11h 11.6m	55 41	11.0	8.0x1.0	<input type="checkbox"/>	
M109	3992	Ursa Major	11h 57.6m	53 23	11.0	7.0x4.0	<input type="checkbox"/>	

Late Spring

Messier #	NGC #	Constellation	RA	Dec	Mag.	Size	Seen?	Date
M053	5024	Coma Berenices	13h 12.9m	18 10	8.5	12.6	<input type="checkbox"/>	
M064	4826	Coma Berenices	12h 56.7m	21 41	9.0	9.3x5.4	<input type="checkbox"/>	
M085	4382	Coma Berenices	12h 25.5m	18 12	10.5	7.1x5.2	<input type="checkbox"/>	
M088	4501	Coma Berenices	12h 32.1m	14 26	11.0	7.0x4.0	<input type="checkbox"/>	
M091	4548	Coma Berenices	12h 35.5m	14 30	11.5	5.4x4.4	<input type="checkbox"/>	
M098	4192	Coma Berenices	12h 13.9m	14 55	11.0	9.5x3.2	<input type="checkbox"/>	
M100	4321	Coma Berenices	12h 23.0m	15 50	10.5	7.0x6.0	<input type="checkbox"/>	
M068	4590	Hydra	12h 39.5m	-26 45	9.0	12.0	<input type="checkbox"/>	
M082	3034	Ursa Major	9h 55.9m	69 41	9.5	9.x4.0	<input type="checkbox"/>	
M097	3587	Ursa Major	11h 14.8m	55 1	12.0	3.4x3.3	<input type="checkbox"/>	
M049	4472	Virgo	12h 29.8m	8 1	10.0	9.0x7.5	<input type="checkbox"/>	
M058	4579	Virgo	12h 37.8m	11 50	11.0	5.5x4.5	<input type="checkbox"/>	
M059	4621	Virgo	12h 42.1m	11 39	11.5	5.0x3.5	<input type="checkbox"/>	
M060	4649	Virgo	12h 43.7m	11 34	10.5	7.0x6.0	<input type="checkbox"/>	
M061	4303	Virgo	12h 22.0m	4 29	10.5	6.0x5.5	<input type="checkbox"/>	
M084	4374	Virgo	12h 25.1m	12 54	11.0	5.0	<input type="checkbox"/>	
M086	4406	Virgo	12h 26.3m	12 57	11.0	7.5x5.5	<input type="checkbox"/>	
M087	4486	Virgo	12h 30.9m	12 24	11.0	7.0	<input type="checkbox"/>	
M089	4552	Virgo	12h 35.7m	12 34	11.5	4.0	<input type="checkbox"/>	
M090	4569	Virgo	12h 36.9m	13 10	11.0	9.5x4.5	<input type="checkbox"/>	
M104	4594	Virgo	12h 39.9m	-11 37	9.5	9.0x4.0	<input type="checkbox"/>	

The Ultimate Messier Object Log - View by Season

Mid-Summer

Messier #	NGC #	Constellation	RA	Dec	Mag.	Size	Seen?	Date
M102	5866	Draco	15h 6.5m	55 45	10.5	5.2x2.3	<input type="checkbox"/>	
M013	6205	Hercules	16h 41.7m	36 28	5.9	16.6	<input type="checkbox"/>	
M092	6341	Hercules	17h 17.1m	43 8	7.5	11.2	<input type="checkbox"/>	
M083	5236	Hydra	13h 37.1m	-29 52	8.5	11.0x10.0	<input type="checkbox"/>	
M009	6333	Ophiucus	17h 19.2m	-18 31	7.9	9.3	<input type="checkbox"/>	
M010	6254	Ophiucus	16h 57.1m	-4 6	6.6	15.1	<input type="checkbox"/>	
M012	6218	Ophiucus	16h 47.2m	-1 57	6.6	14.5	<input type="checkbox"/>	
M014	6402	Ophiucus	17h 37.6m	-3 15	7.6	11.7	<input type="checkbox"/>	
M019	6273	Ophiucus	17h 2.6m	-26 16	8.5	13.5	<input type="checkbox"/>	
M062	6266	Ophiucus	17h 1.2m	-30 7	8.0	14.1	<input type="checkbox"/>	
M107	6171	Ophiucus	16h 32.5m	-13 3	10.0	10.0	<input type="checkbox"/>	
M004	6121	Scorpio	16h 23.6m	-26 32	5.9	26.3	<input type="checkbox"/>	
M006	6405	Scorpius	17h 40.1m	-32 13	4.2	15.0	<input type="checkbox"/>	
M007	6475	Scorpius	17h 53.9m	-34 49	3.3	80.0	<input type="checkbox"/>	
M080	6093	Scorpius	16h 17.0m	-22 59	8.5	8.9	<input type="checkbox"/>	
M005	5904	Serpens Caput	15h 18.6m	2 5	5.8	17.4	<input type="checkbox"/>	

Late Summer

Messier #	NGC #	Constellation	RA	Dec	Mag.	Size	Seen?	Date
M008	6523	Sagittarius	18h 3.1m	-24 23	5.0	35.0x50.0	<input type="checkbox"/>	
M017	6618	Sagittarius	18h 20.8m	-16 11	7.0	11.0	<input type="checkbox"/>	
M018	6613	Sagittarius	18h 19.9m	-17 8	8.0	9.0	<input type="checkbox"/>	
M020	6514	Sagittarius	18h 2.3m	-23 2	5.0	28.0	<input type="checkbox"/>	
M021	6531	Sagittarius	18h 4.6m	-22 30	7.0	13.0	<input type="checkbox"/>	
M022	6656	Sagittarius	18h 36.4m	-29 54	6.5	24.0	<input type="checkbox"/>	
M023	6494	Sagittarius	17h 56.8m	-19 1	6.0	27.0	<input type="checkbox"/>	
M024	6603	Sagittarius	18h 18.4m	-18 25	11.5	5.0	<input type="checkbox"/>	
M025	IC4725	Sagittarius	18h 28.8m	-19 17	4.9	40.0	<input type="checkbox"/>	
M028	6626	Sagittarius	18h 24.5m	-24 52	8.5	11.2	<input type="checkbox"/>	
M054	6715	Sagittarius	18h 55.1m	-30 29	8.5	9.1	<input type="checkbox"/>	
M055	6809	Sagittarius	19h 40.0m	-30 58	7.0	19.0	<input type="checkbox"/>	
M069	6637	Sagittarius	18h 34.4m	-32 21	9.0	7.1	<input type="checkbox"/>	
M070	6681	Sagittarius	18h 43.2m	-32 18	9.0	7.8	<input type="checkbox"/>	
M075	6864	Sagittarius	20h 6.1m	-21 55	9.5	6.0	<input type="checkbox"/>	
M011	6705	Scutum	18h 51.1m	-6 16	5.8	14.0	<input type="checkbox"/>	
M026	6694	Scutum	18h 45.2m	-9 24	9.5	15.0	<input type="checkbox"/>	
M016	6611	Serpens Claudia	18h 18.8m	-13 47	6.5	7.0	<input type="checkbox"/>	

Fall/Early Winter

Messier #	NGC #	Constellation	RA	Dec	Mag.	Size	Seen?	Date
M002	7089	Aquarius	21h 33.5m	-0 49	6.5	12.9	<input type="checkbox"/>	
M072	6981	Aquarius	20h 53.5m	-12 32	10.0	5.9	<input type="checkbox"/>	

The Ultimate Messier Object Log - View by Season

M073	6994	Aquarius	20h 59.0m	-12 3	9.0	2.8	<input type="checkbox"/>
M030	7099	Capricornus	21h 40.4m	-23 11	8.5	11.0	<input type="checkbox"/>
M077	1068	Cetus	2h 42.7m	-9 2	10.5	7.0x6.0	<input type="checkbox"/>
M099	4254	Coma Berenices	12h 18.9m	14 26	10.5	5.4x4.8	<input type="checkbox"/>
M029	6913	Cygnus	20h 23.9m	38 32	9.0	7.0	<input type="checkbox"/>
M039	7092	Cygnus	21h 32.2m	48 26	5.5	32.0	<input type="checkbox"/>
M056	6779	Lyra	19h 16.6m	30 11	9.5	7.1	<input type="checkbox"/>
M057	6720	Lyra	18h 53.6m	33 2	9.5	1.4x1.0	<input type="checkbox"/>
M015	7078	Pegasus	21h 30m	12 10	6.4	12.3	<input type="checkbox"/>
M074	0628	Pisces	1h 36.6m	15 48	10.5	10.2x9.5	<input type="checkbox"/>
M071	6838	Sagitta	19h 53.8m	18 47	8.5	7.2	<input type="checkbox"/>
M027	6853	Vulpecula	19h 59.6m	22 43	7.5	8.0x5.6	<input type="checkbox"/>

Winter

Messier #	NGC #	Constellation	RA	Dec	Mag.	Size	Seen?	Date
M031	0224	Andromeda	0h 42.8m	41 16	4.5	178.0	<input type="checkbox"/>	
M032	0221	Andromeda	0h 42.8m	40 52	10.0	8.0x6.0	<input type="checkbox"/>	
M110	0205	Andromeda	0h 40.4m	41 41	10.0	17.0x10.0	<input type="checkbox"/>	
M036	1960	Auriga	5h 36.1	34 08	6.5	12.0	<input type="checkbox"/>	
M037	2099	Auriga	5h 52.4m	32 33	6.0	24.0	<input type="checkbox"/>	
M038	1922	Auriga	5h 28.7m	35 50	7.0	21.0	<input type="checkbox"/>	
M041	2287	Canis Major	6h 47.0m	-20 44	5.0	38.0	<input type="checkbox"/>	
M052	7654	Cassiopea	23h 24.2m	61 35	8.0	13.0	<input type="checkbox"/>	
M103	0581	Cassiopeia	1h 33.2m	60 42	7.0	6.0	<input type="checkbox"/>	
M035	2168	Gemini	6h 8.9m	24 20	5.5	28.0	<input type="checkbox"/>	
M079	1904	Lepus	5h 24.5m	-24 33	8.5	8.7	<input type="checkbox"/>	
M050	2323	Monocerus	7h 3.2m	-8 20	7.0	16.0	<input type="checkbox"/>	
M042	1976	Orion	5h 35.3m	-5 23	5.0	85.0x60.0	<input type="checkbox"/>	
M043	1982	Orion	5h 35.5m	-5 16	7.0	20.0x15.0	<input type="checkbox"/>	
M078	2068	Orion	5h 46.8m	0 4	8.0	8.0x6.0	<input type="checkbox"/>	
M034	1039	Perseus	2h 42.0m	42 47	6.0	35.0	<input type="checkbox"/>	
M076	0650	Perseus	1h 42.4m	51 34	12.0	2.7x1.8	<input type="checkbox"/>	
M046	2437	Puppis	7h 41.8m	-14 49	6.5	27.0	<input type="checkbox"/>	
M047	2422	Puppis	7h 36.6m	-14 30	4.5	30.0	<input type="checkbox"/>	
M093	2447	Puppis	7h 44.6m	-23 52	6.5	22.0	<input type="checkbox"/>	
M001	1952	Taurus	5h 34.5m	22 01	8.4	6.0x4.0	<input type="checkbox"/>	
M045	1432	Taurus	3h 47.0m	24 07	1.4	110.0	<input type="checkbox"/>	
M033	0598	Triangulum	1h 33.9m	30 40	7.0	73.0x45.0	<input type="checkbox"/>	

The Ultimate Messier Object Log - Entry Screen Help

Messier # *The Messier catalog number.* **NGC** *The National General Catalog number* **Seen?** *Click here when you've seen an object and enter the date.*

■ *Green fields are standard information in the database*

■ *Blue fields are those you enter yourself.*

Magnitude *Object brightness*

Type *The object type: i.e., globular cluster, nebula, galaxy, open cluster, etc.*
Name (if any) *The common name of the object. Not all objects have names.*
Constellation *The constellation in which the object appears, or nearest constellation.*
Marathon Order # *The order in which to view the object in a Messier marathon.*

Picture of the object from the SEDS Web site.

RA *Right Ascension* **Dec** *Declination* **Size** *Size*

Sky Atlas 2000 page *Chart number from Sky Atlas 2000* **Other Chart Page(s)** *(Enter page # from your favorite chart here.)*

Binocular Difficulty *How hard it is to see object in binoculars* *E=easy, T=tough, C=challenging / 7x50. E2=easy, T2=tough, C2=challenging / 11x80.*

Personal Viewing Notes

Viewing Time Comments *I use this before viewing to enter the optimum time to view an object* **Observing Site** *Where you are observing from.*

Equipment *Which scope or binoculars you are using.*

Sky Conditions	Transparency	Seeing
Session Notes <i>These notes pertain to the session, not the object.</i>	1 Extremely Clear	1 Perfectly Stable
	2 Very Clear	2 Mostly Stable
	3 Clear	3 Somewhat Stable
	4 Partly Clear	4 Unstable
Observing Notes <i>These notes pertain to the object. Enter anything you want to regarding appearance, etc.</i>	5 Somewhat Cloudy	5 Very Unstable
	6 Poor	
	7 Very Poor	

Astar chart for the current object is displayed in this space. The target circle in the center represents the view through a Telrad finder, with circles at .5, 2.0 and 4.0 degrees.



The Ultimate Messier Object Log *R3.1*

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What is a Messier Object?

A Messier Object is one of the 110 deep-sky objects catalogued by Charles Messier in the 18th century. They are mostly large, fuzzy objects that Messier wanted to distinguish from comets.

They are not stars or planets, but galaxies, clusters and nebulae. Messier considered these objects "nuisances" that got in the way of searching for comets.

Today's amateur astronomer considers them some of the most interesting objects to search for and the most beautiful to look at. This log will help you find and catalogue all the Messier objects.

You may do this over years, as I have, or in a single, glorious night in March — a "Messier Marathon" — if you have the stamina and star-hopping abilities.

Clear (and Dark) Skies!

David Paul Green