

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

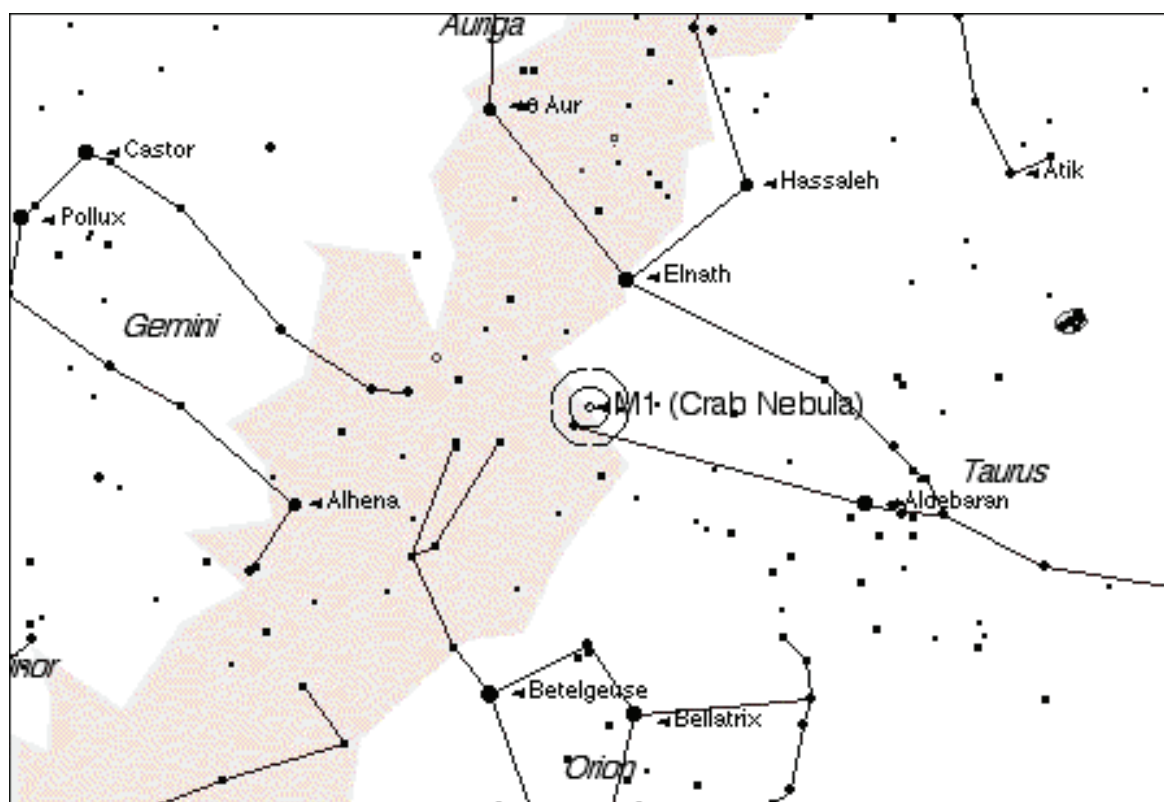
Equipment

Sky Conditions Transparency Seeing

Session Notes

Observing Notes

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



The Ultimate Messier Object Log

Messier # M002

NGC 7089

Seen? ☐

Date seen

Type Globular Cluster

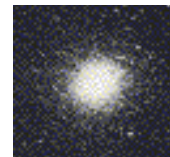
Magnitude

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

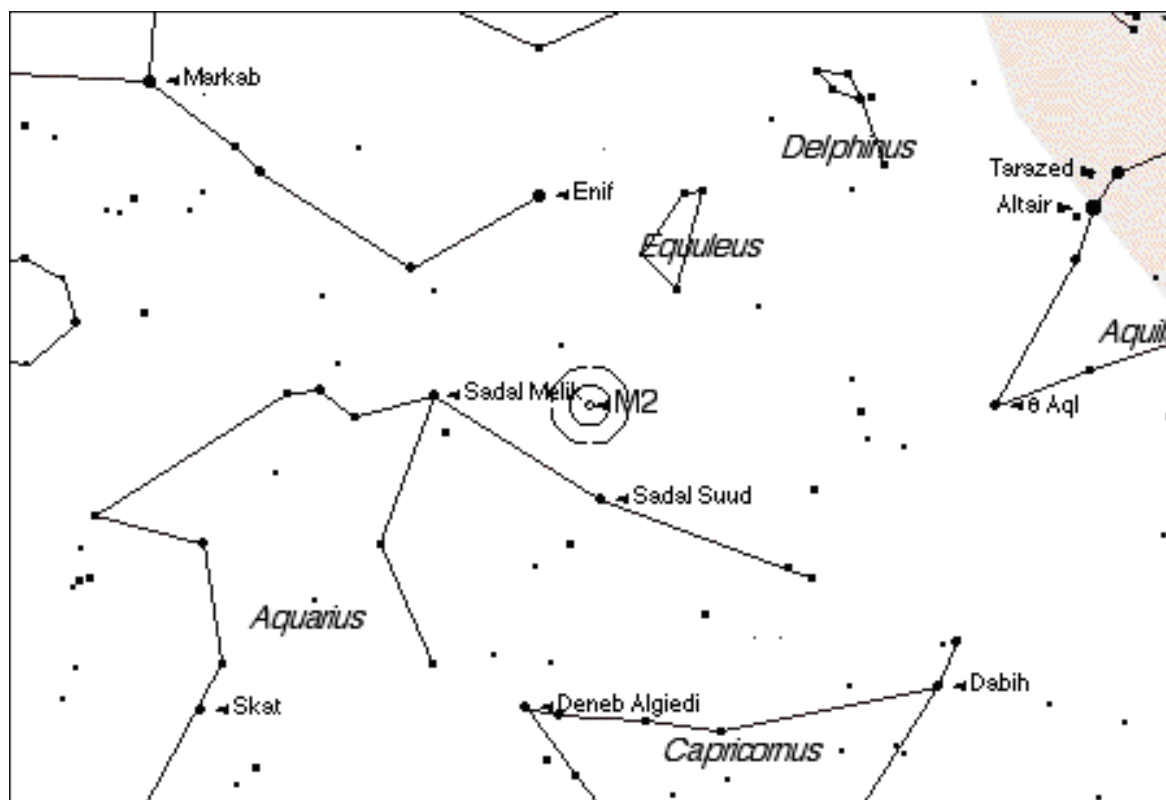
Equipment

Sky Conditions Transparency Seeing

Session Notes

Observing Notes

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



The Ultimate Messier Object Log

Messier # M003

NGC 5272

Seen? ☐

Date seen

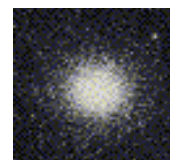
Type Globular Cluster

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

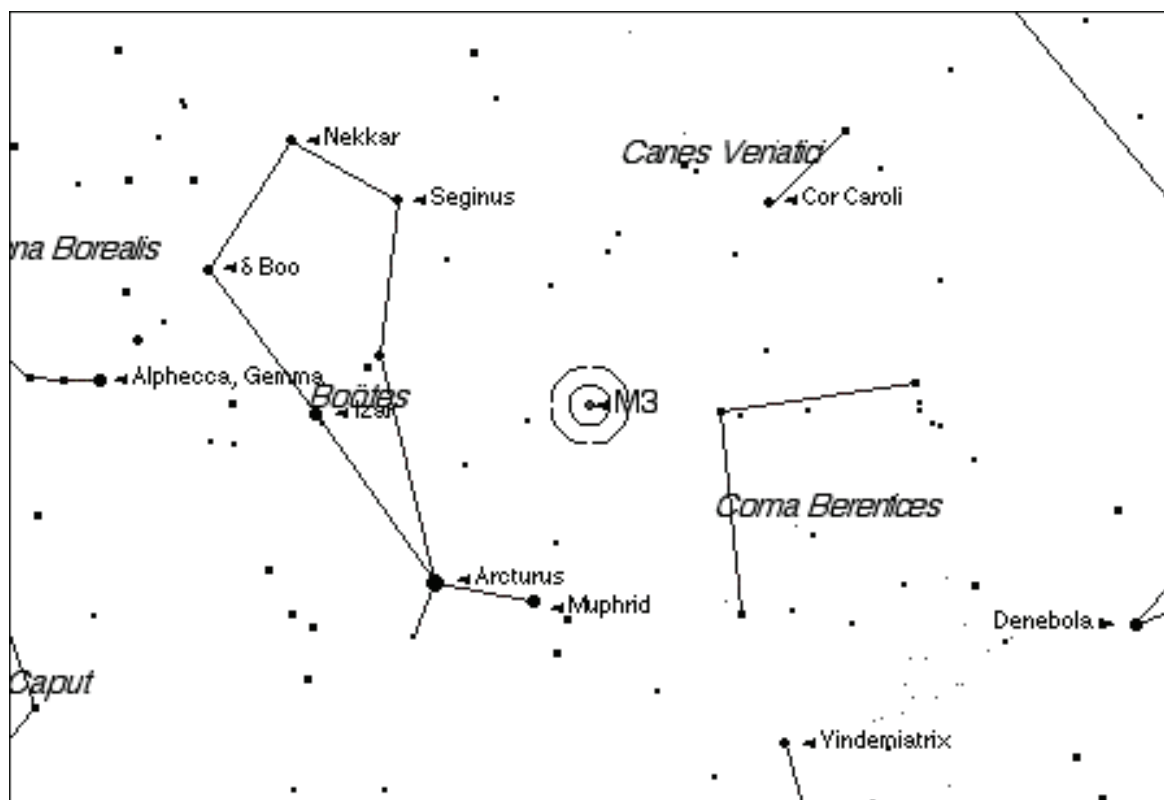
Sky Conditions Transparency

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

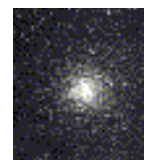
Type Globular Cluster

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

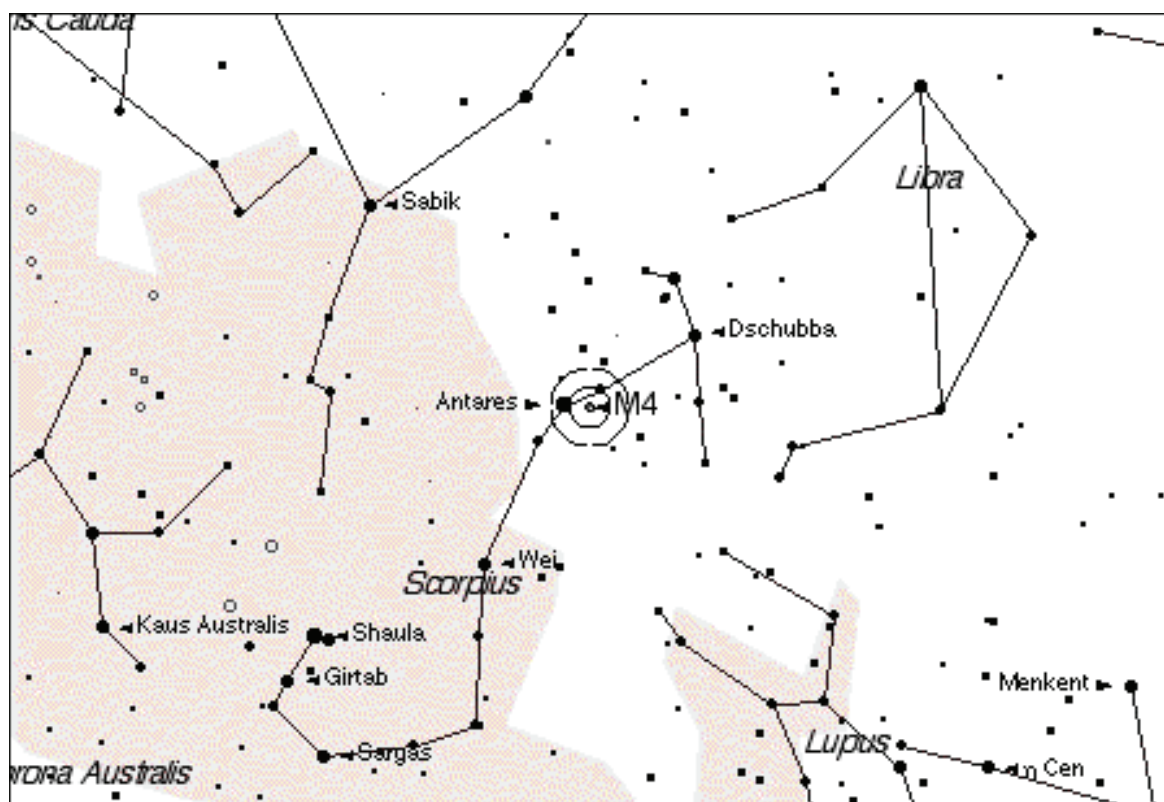
Equipment

Sky Conditions Transparency Seeing

Session Notes

Observing Notes

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



The Ultimate Messier Object Log

Messier # M005

NGC 5904

Seen? ☐

Date seen

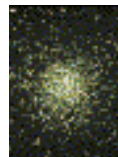
Type Globular Cluster

Magnitude

Name (if any) N/A

5.8

Constellation Serpens Caput



Marathon Order # 68

RA 15h 18.6m Dec 2 5

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

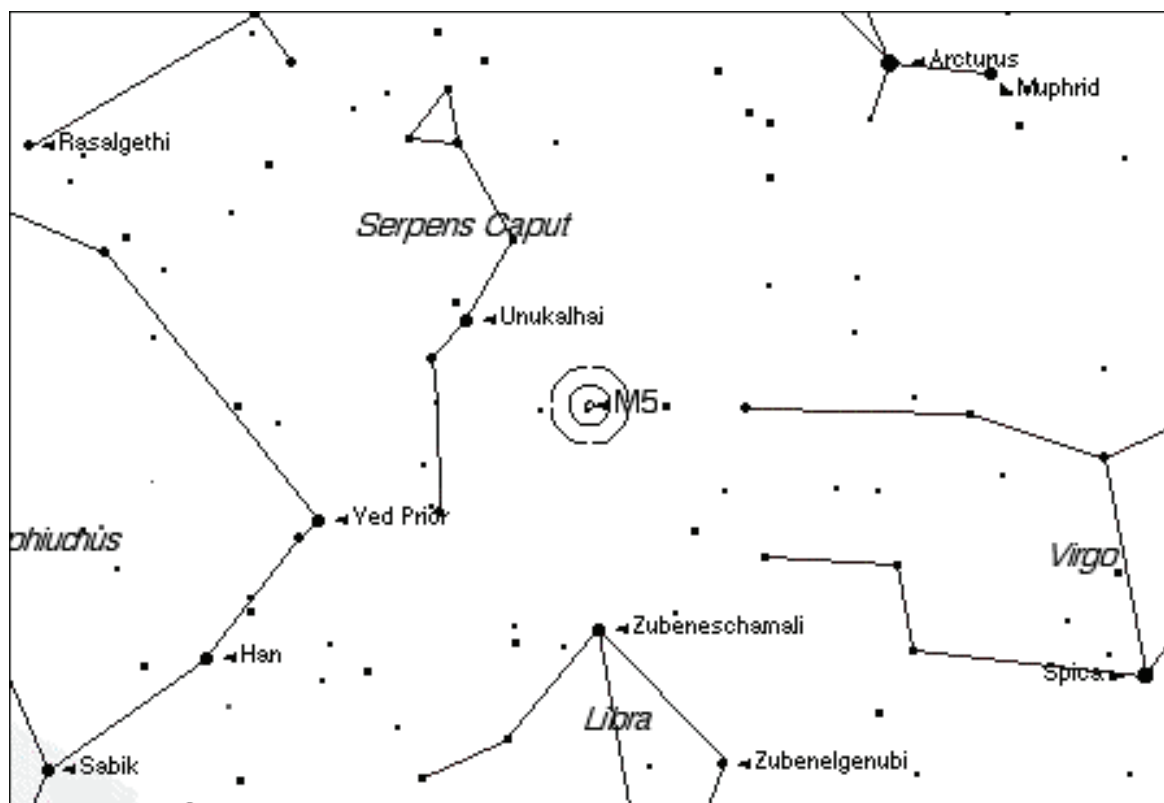
Transparency

Seeing

Session Notes

Observing Notes

Star charts created by Starmy 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

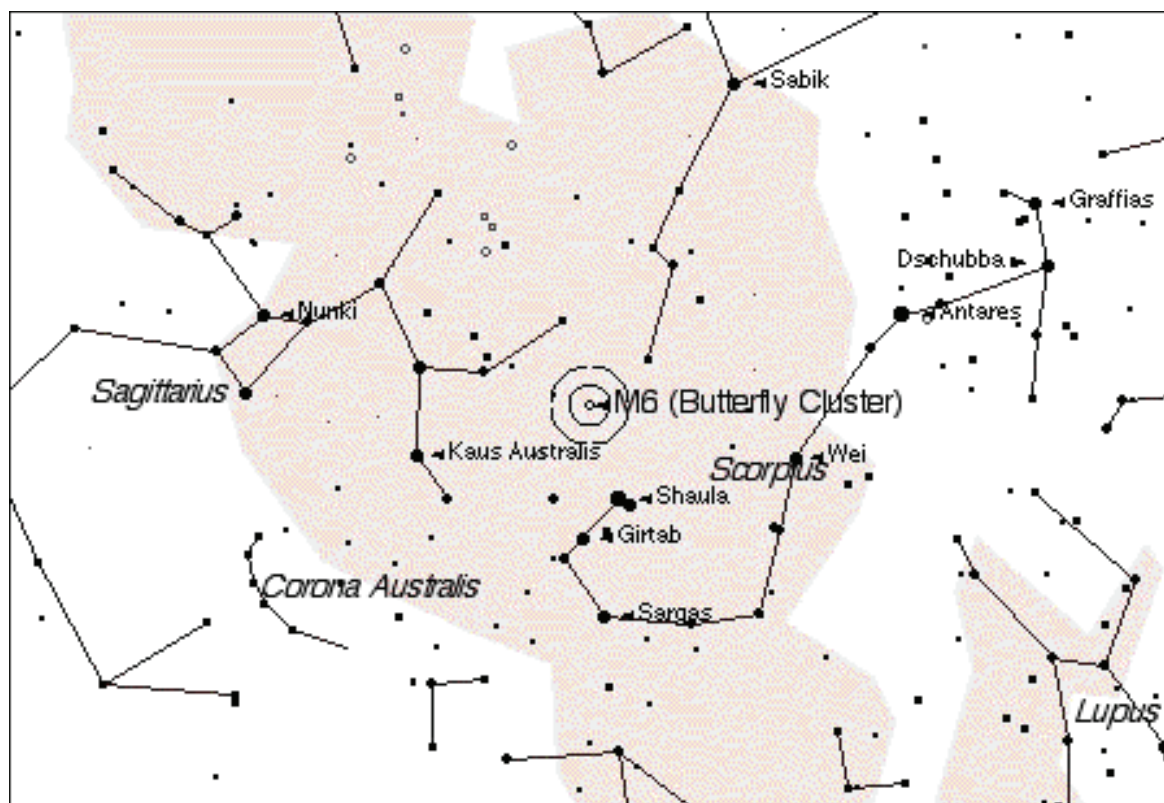
Sky Conditions Transparency

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

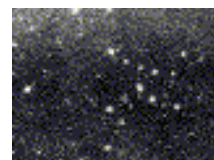
Type Open Cluster

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

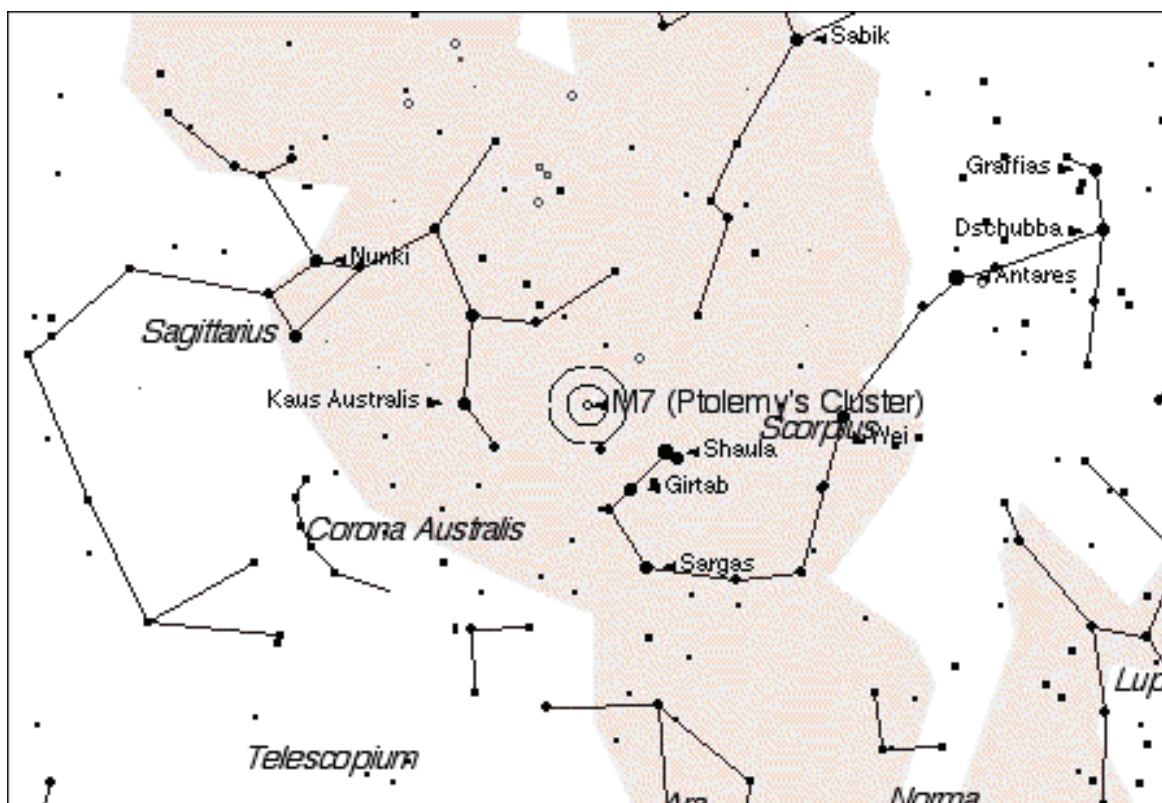
Sky Conditions Transparency

Seeing

Session Notes

Observing Notes

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



The Ultimate Messier Object Log

Messier # M008

NGC 6523

Seen? ☐

Date seen

Type Diffuse Nebula

Magnitude

Name (if any) Lagoon Nebula

5.0

Constellation Sagittarius



Marathon Order # 98

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

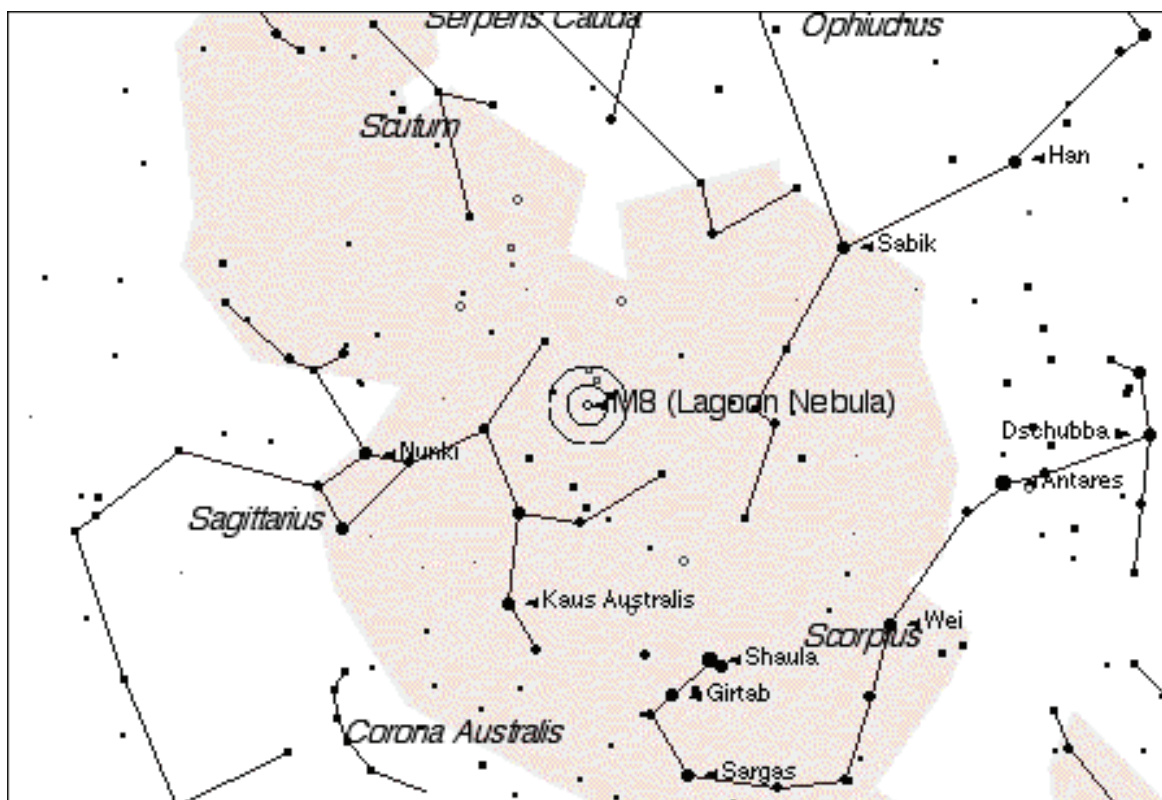
Sky Conditions Transparency

Seeing

Session Notes

Observing Notes

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



The Ultimate Messier Object Log

Messier # M009

NGC 6333

Seen? ☐

Date seen

Type Globular Cluster

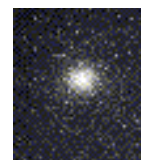
Magnitude

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

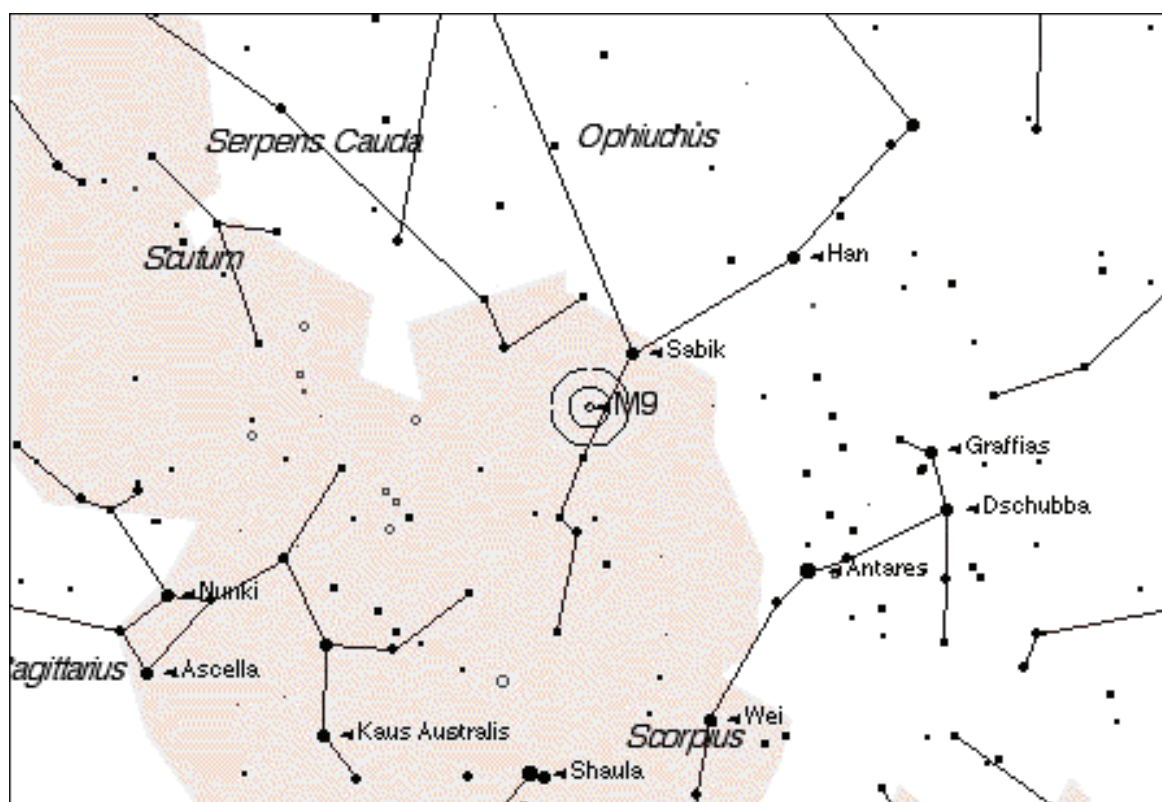
Equipment

Sky Conditions Transparency Seeing

Session Notes

Observing Notes

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



The Ultimate Messier Object Log

Messier # M010

NGC 6254

Seen? ☐

Date seen

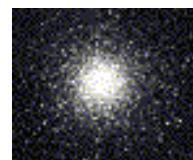
Type Globular Cluster

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

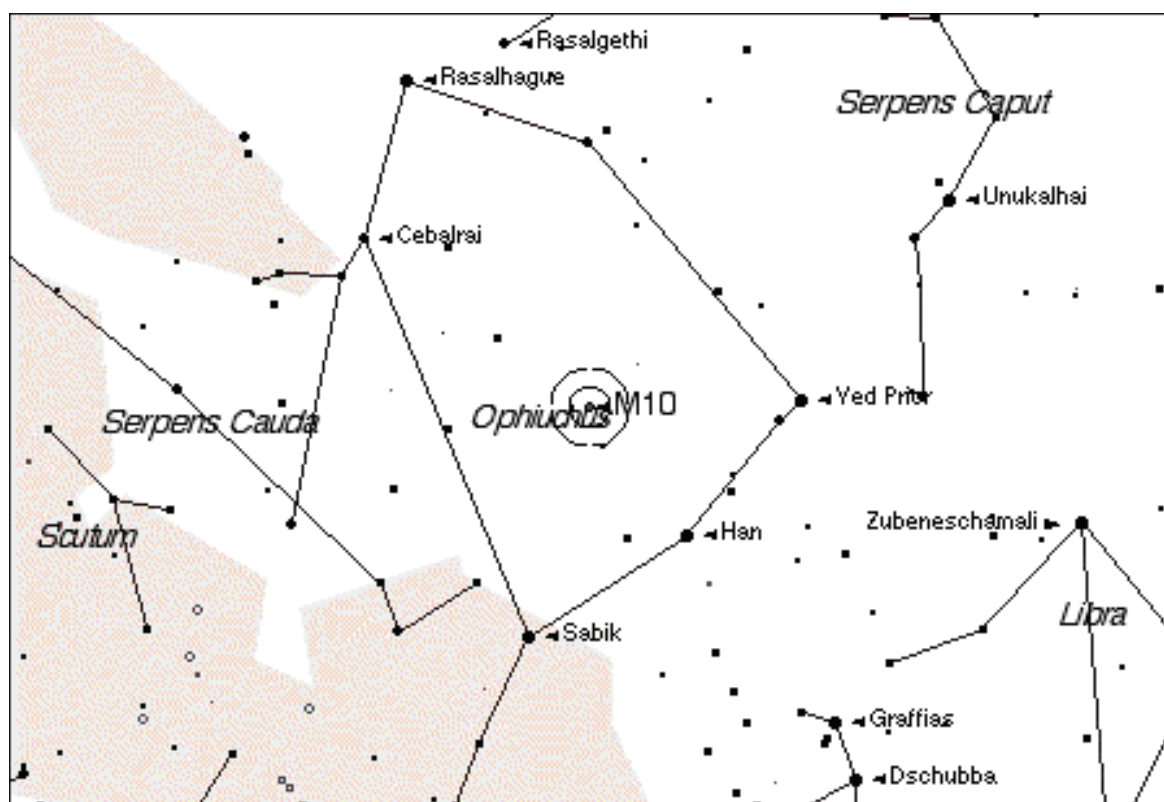
Equipment

Sky Conditions Transparency Seeing

Session Notes

Observing Notes

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



The Ultimate Messier Object Log

Messier # M011

NGC 6705

Seen? ☐

Date seen

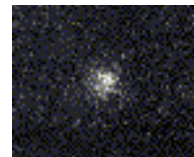
Type Open Cluster

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

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



The Ultimate Messier Object Log

Messier # M012

NGC 6218

Seen? ☐

Date seen

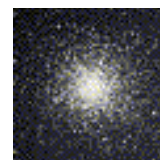
Type Globular Cluster

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

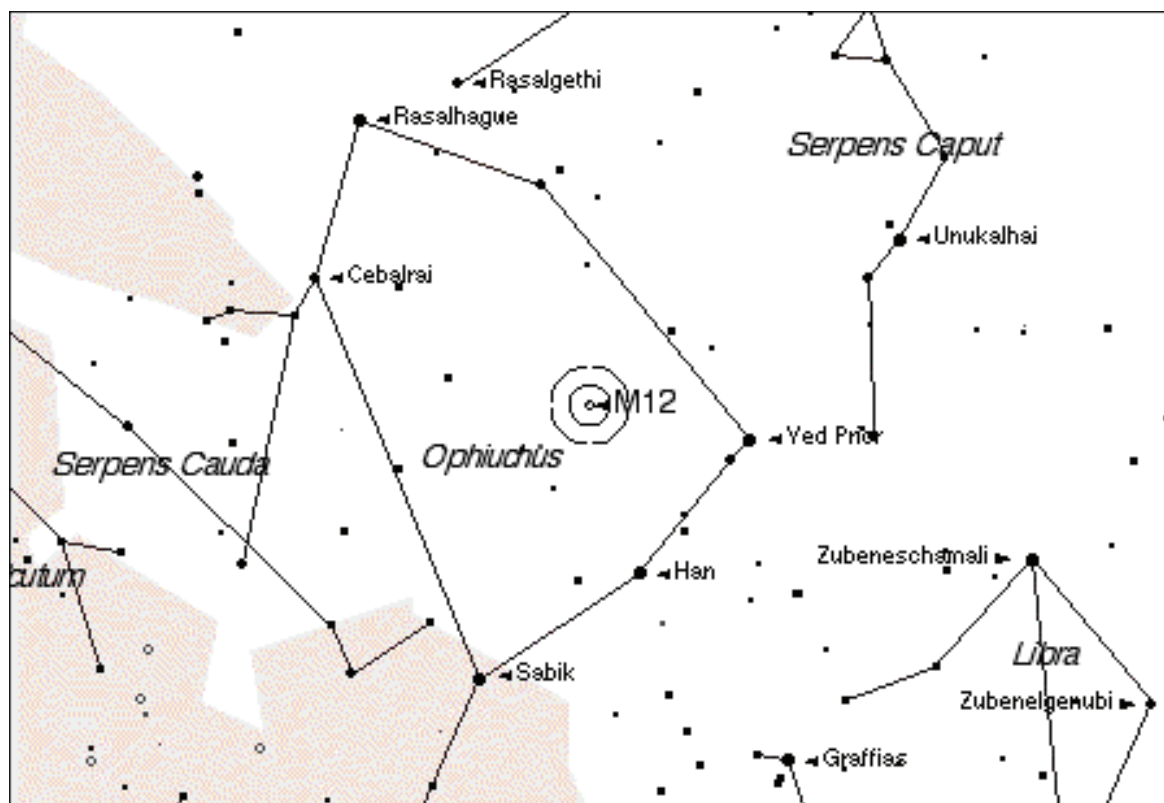
Sky Conditions Transparency

Seeing

Session Notes

Observing Notes

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



The Ultimate Messier Object Log

Messier # M013

NGC 6205

Seen? ☐

Date seen

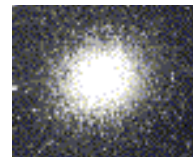
Type Globular Cluster

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

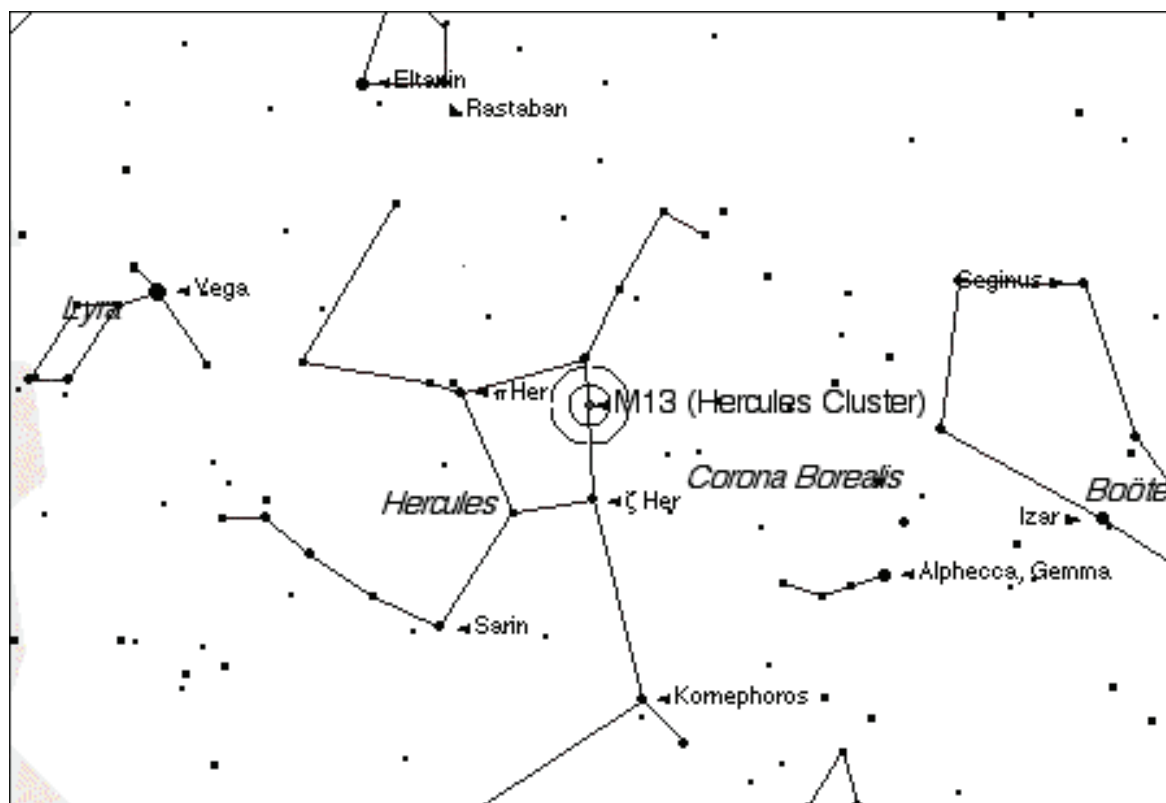
Transparency

Seeing

Session Notes

Observing Notes

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



The Ultimate Messier Object Log

Messier # M014

NGC 6402

Seen? ☐

Date seen

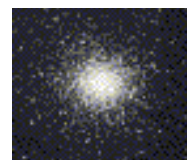
Type Globular Cluster

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

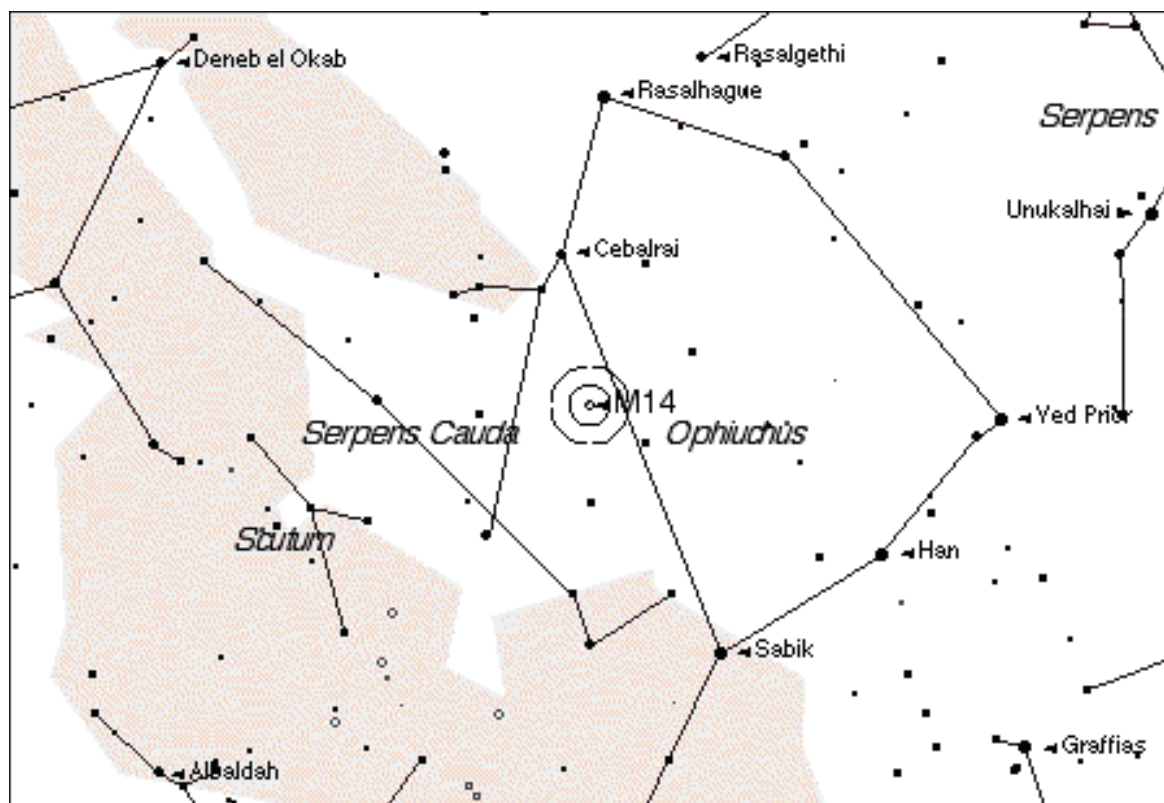
Equipment

Sky Conditions Transparency Seeing

Session Notes

Observing Notes

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



The Ultimate Messier Object Log

Messier # M015

NGC 7078

Seen? ☐

Date seen

Type Globular Cluster

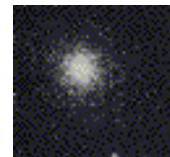
Magnitude

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

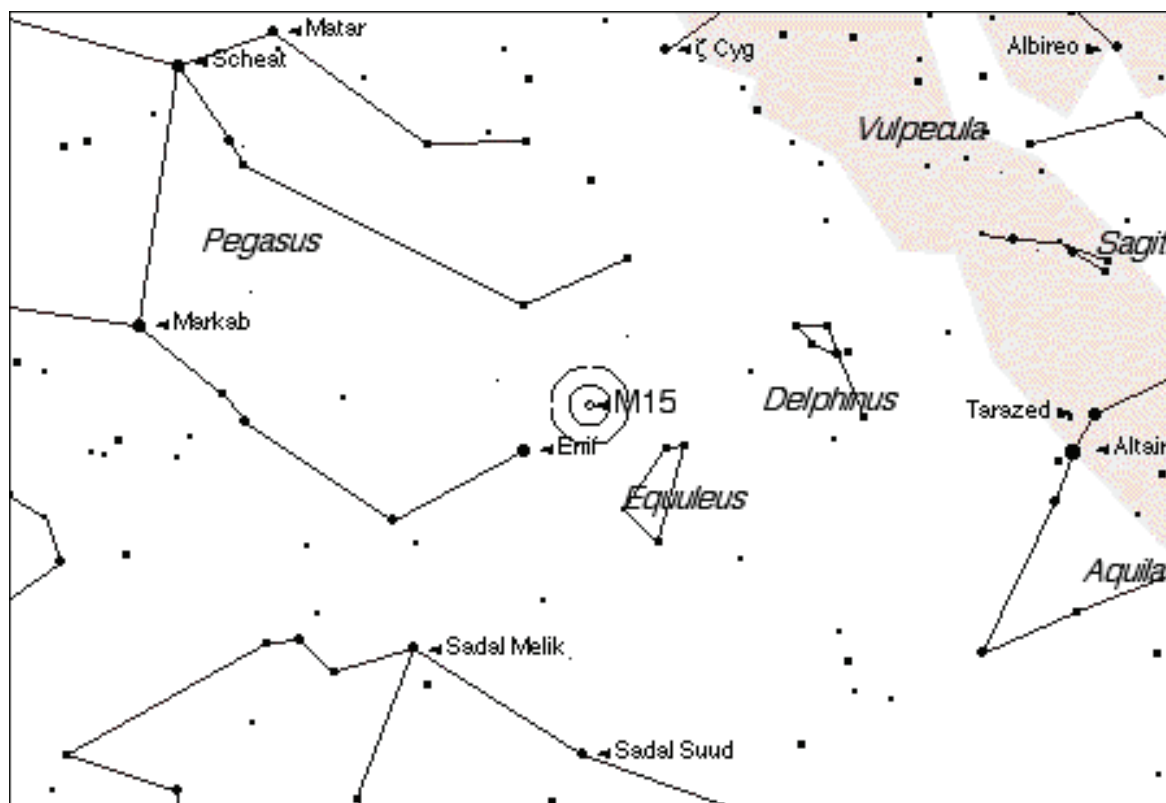
Transparency

Seeing

Session Notes

Observing Notes

Star charts created by Starmy 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

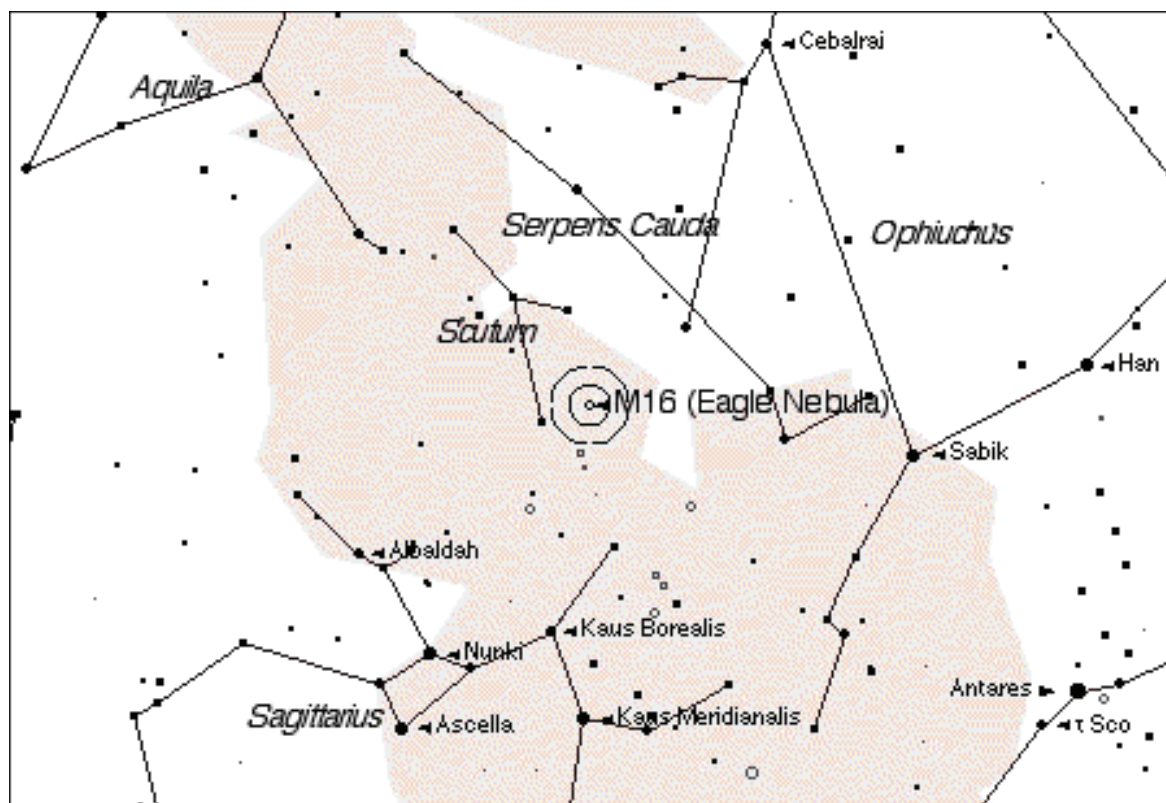
Equipment

Sky Conditions Transparency Seeing

Session Notes

Observing Notes

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



The Ultimate Messier Object Log

Messier # M017

NGC 6618

Seen? ☐

Date seen

Type Diffuse Nebula

Magnitude

Name (if any) Omega, Swan, Horseshoe

7.0

Constellation Sagittarius



Marathon Order # 91

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

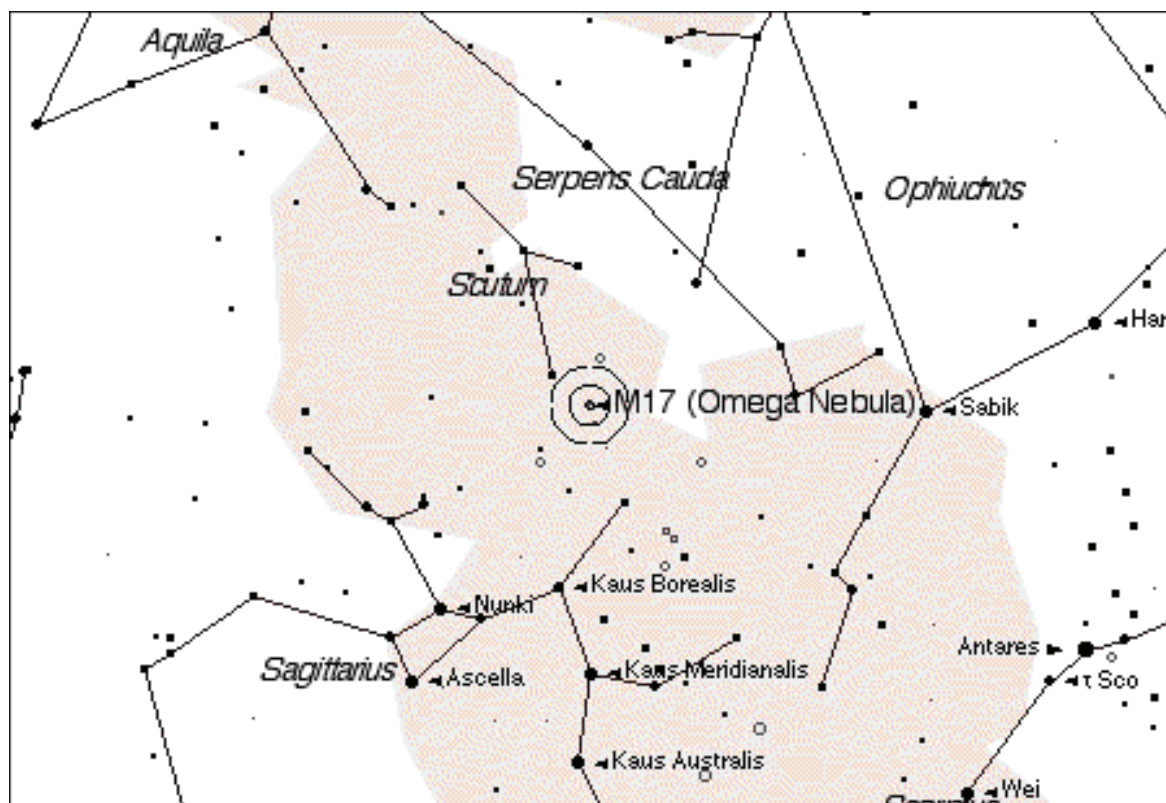
Transparency

Seeing

Session Notes

Observing Notes

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



The Ultimate Messier Object Log

Messier # M018

NGC 6613

Seen? ☐

Date seen

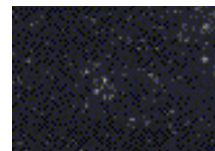
Type Open Cluster

Magnitude

Name (if any) N/A

8.0

Constellation Sagittarius



Marathon Order # 92

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

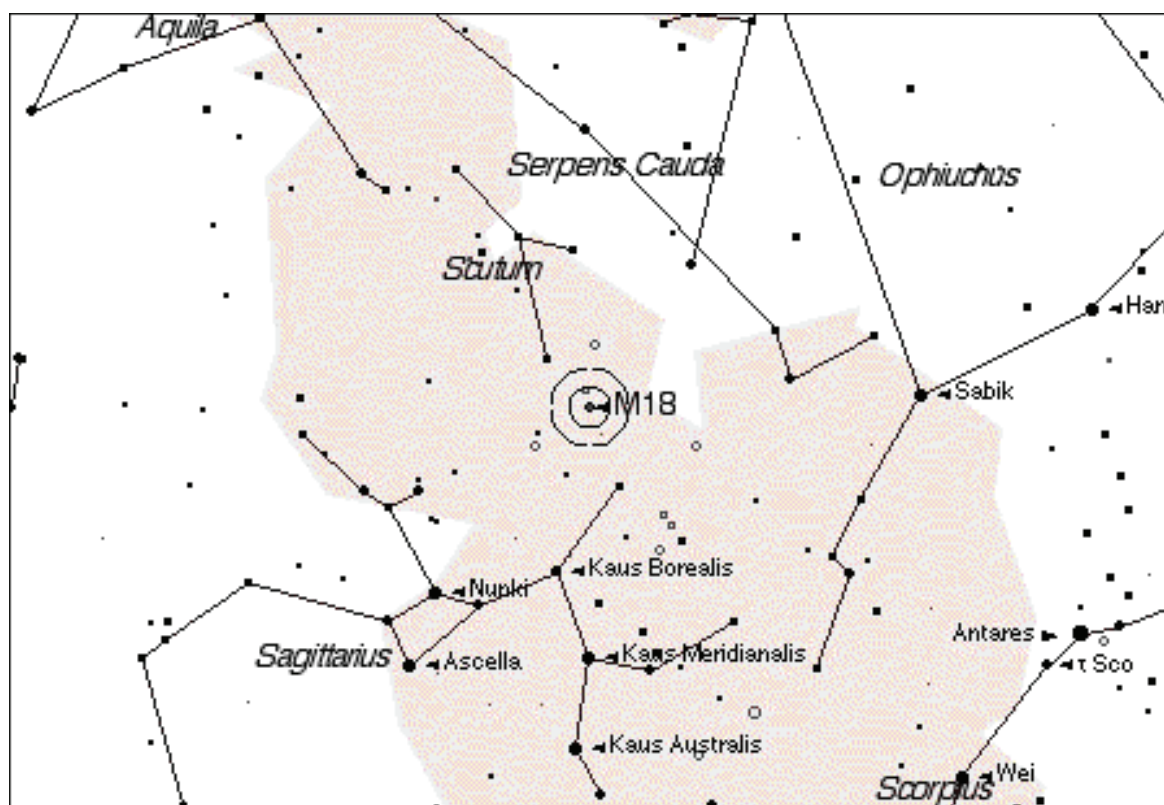
Equipment

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

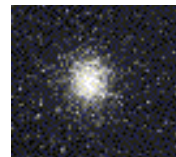
Magnitude

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

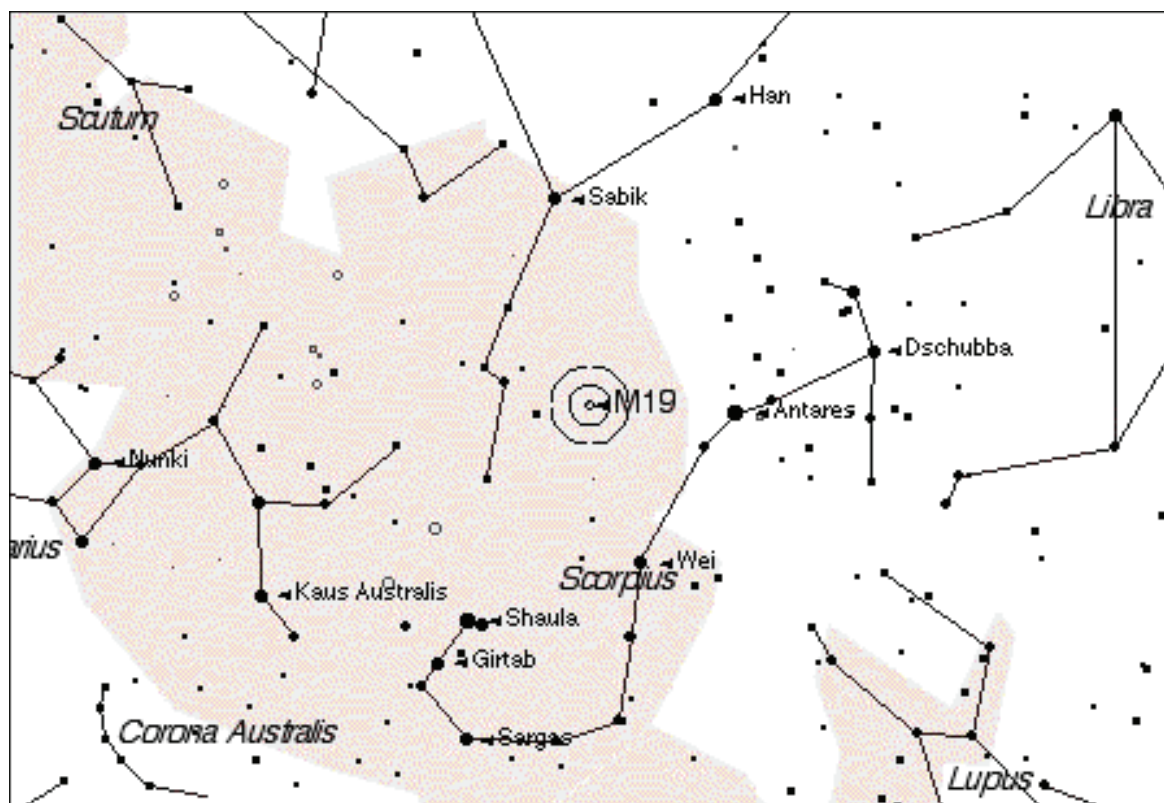
Transparency

Seeing

Session Notes

Observing Notes

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



The Ultimate Messier Object Log

Messier # M020

NGC 6514

Seen? ☐

Date seen

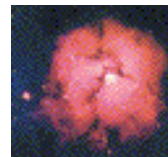
Type Diffuse Nebula

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

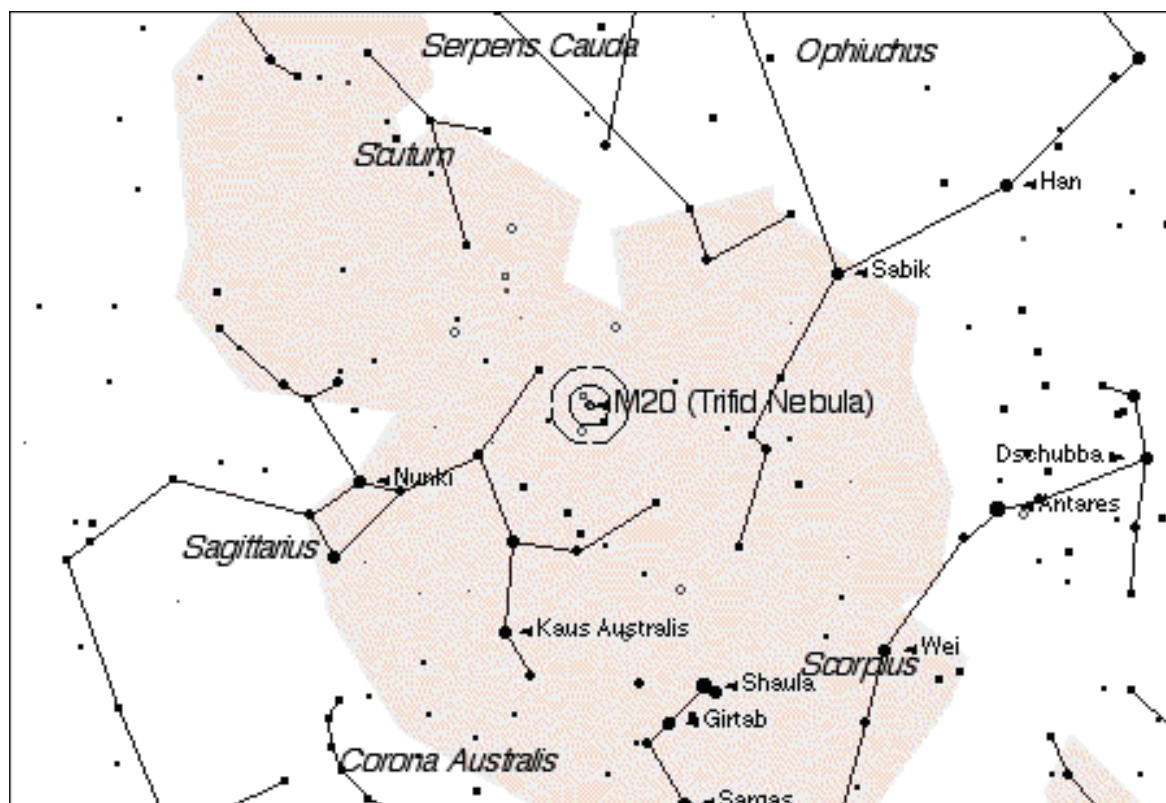
Equipment

Sky Conditions Transparency Seeing

Session Notes

Observing Notes

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



The Ultimate Messier Object Log

Messier # M021

NGC 6531

Seen? ☐

Date seen

Type Open Cluster

Magnitude

Name (if any) N/A

7.0

Constellation Sagittarius

Marathon Order # 96

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

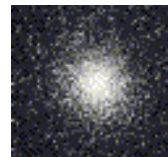
Magnitude

Name (if any) N/A

6.5

Constellation Sagittarius

Marathon Order # 100



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

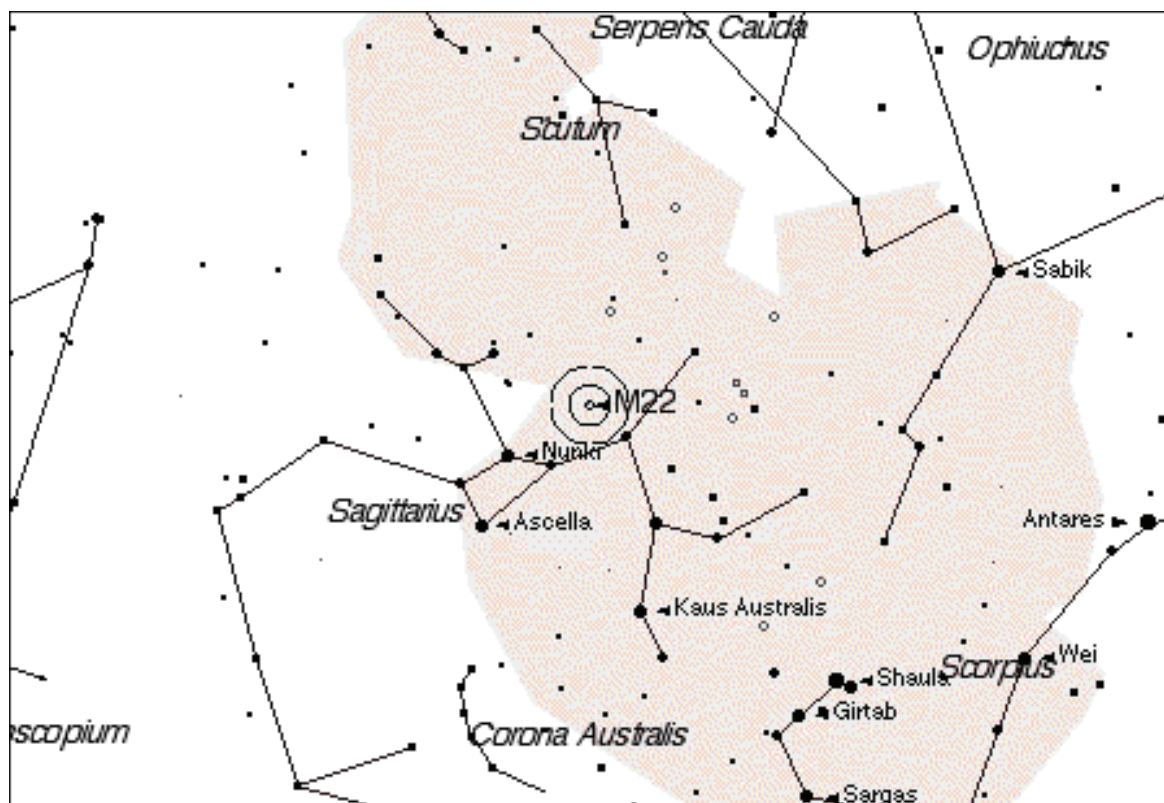
Sky Conditions Transparency

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

Magnitude

Name (if any) N/A

6.0

Constellation Sagittarius

Marathon Order # 95

RA 17h 56.8m Dec -19 1

Size 27.0

Sky Atlas 2000 page 15

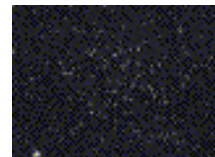
Other Chart Page(s)

(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

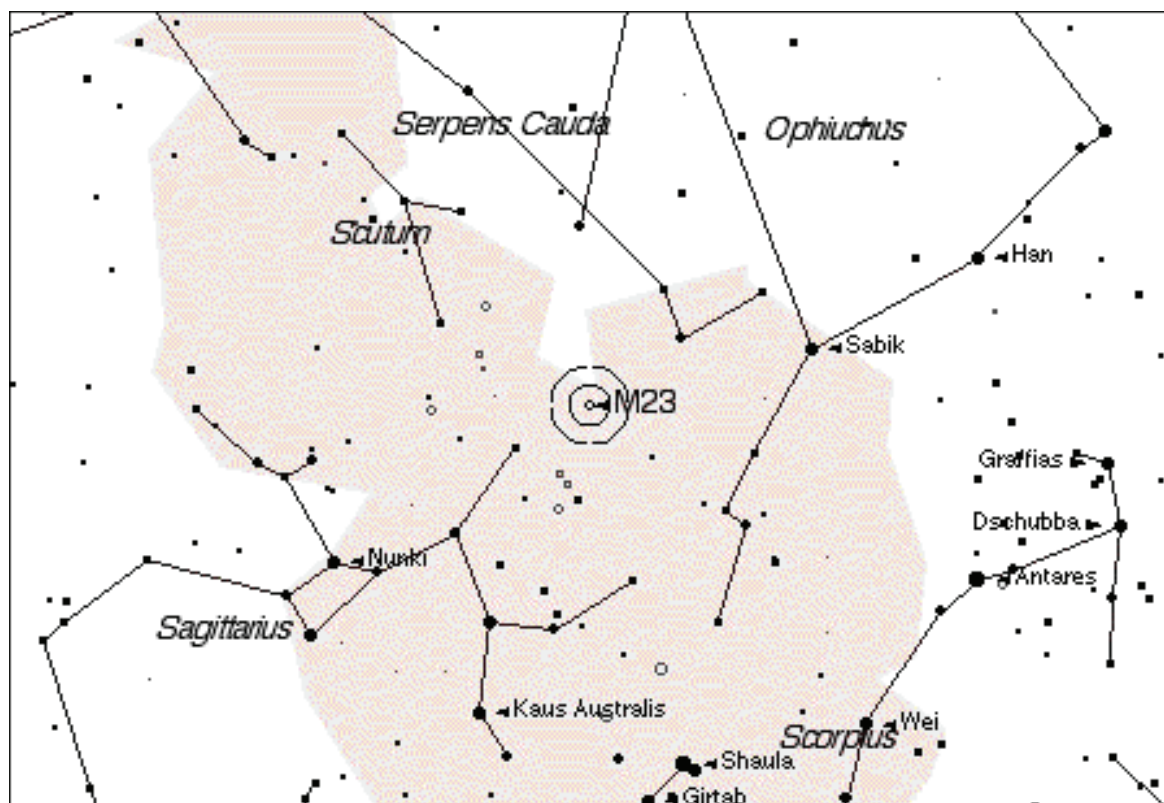
Equipment

Sky Conditions Transparency Seeing

Session Notes

Observing Notes

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



The Ultimate Messier Object Log

Messier # M024

NGC 6603

Seen? ☐

Date seen

Type Star Cloud

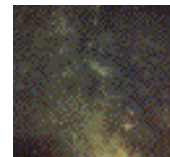
Magnitude

Name (if any) Milky Way Patch

11.5

Constellation Sagittarius

Marathon Order # 93



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

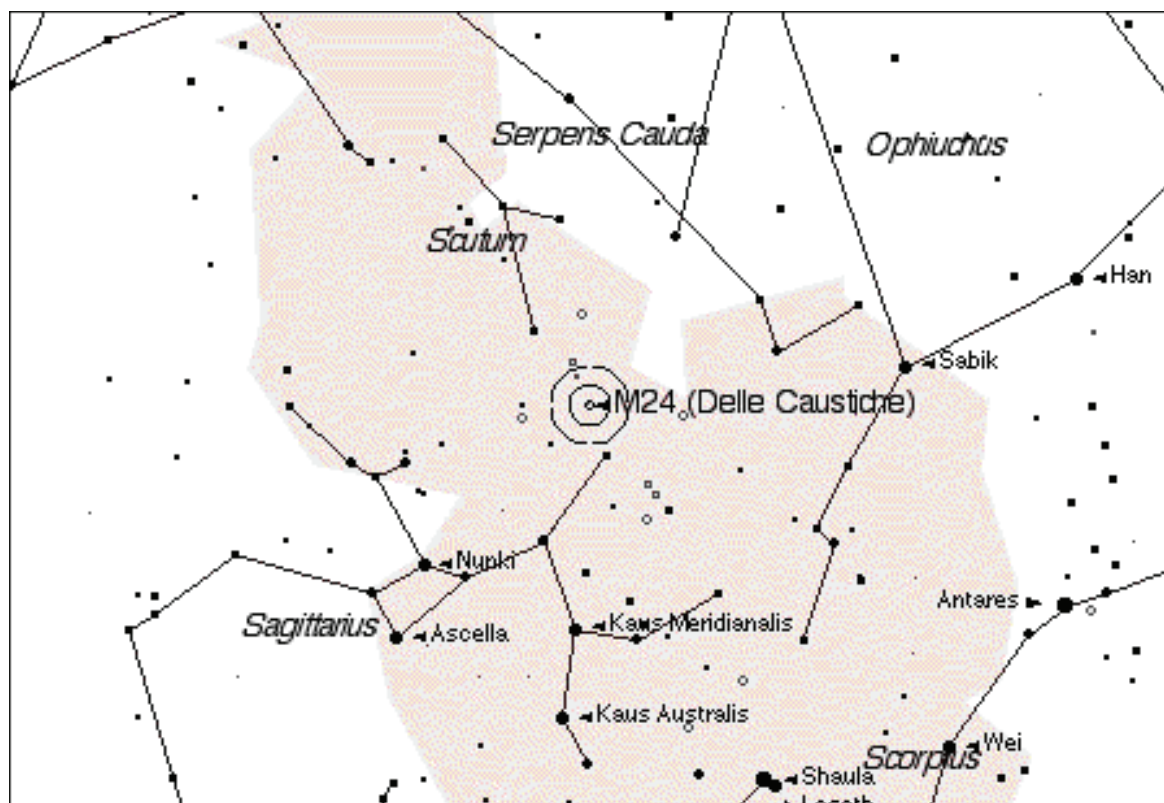
Transparency

Seeing

Session Notes

Observing Notes

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



The Ultimate Messier Object Log

Messier # M025

NGC IC4725

Seen? ☐

Date seen

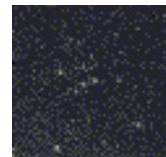
Type Open Cluster

Magnitude

Name (if any) N/A

4.9

Constellation Sagittarius



Marathon Order # 94

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

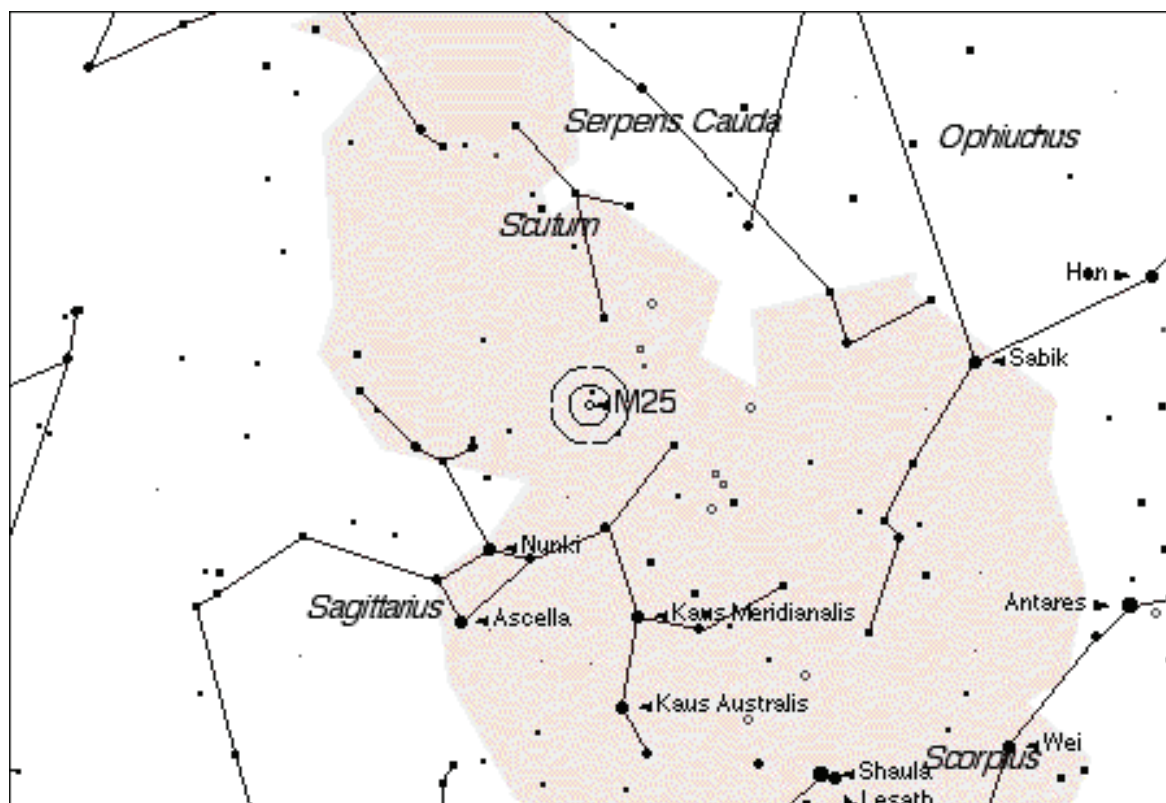
Transparency

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

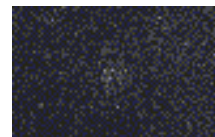
Type Open Cluster

Magnitude

Name (if any) N/A

9.5

Constellation Scutum



Marathon Order # 89

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

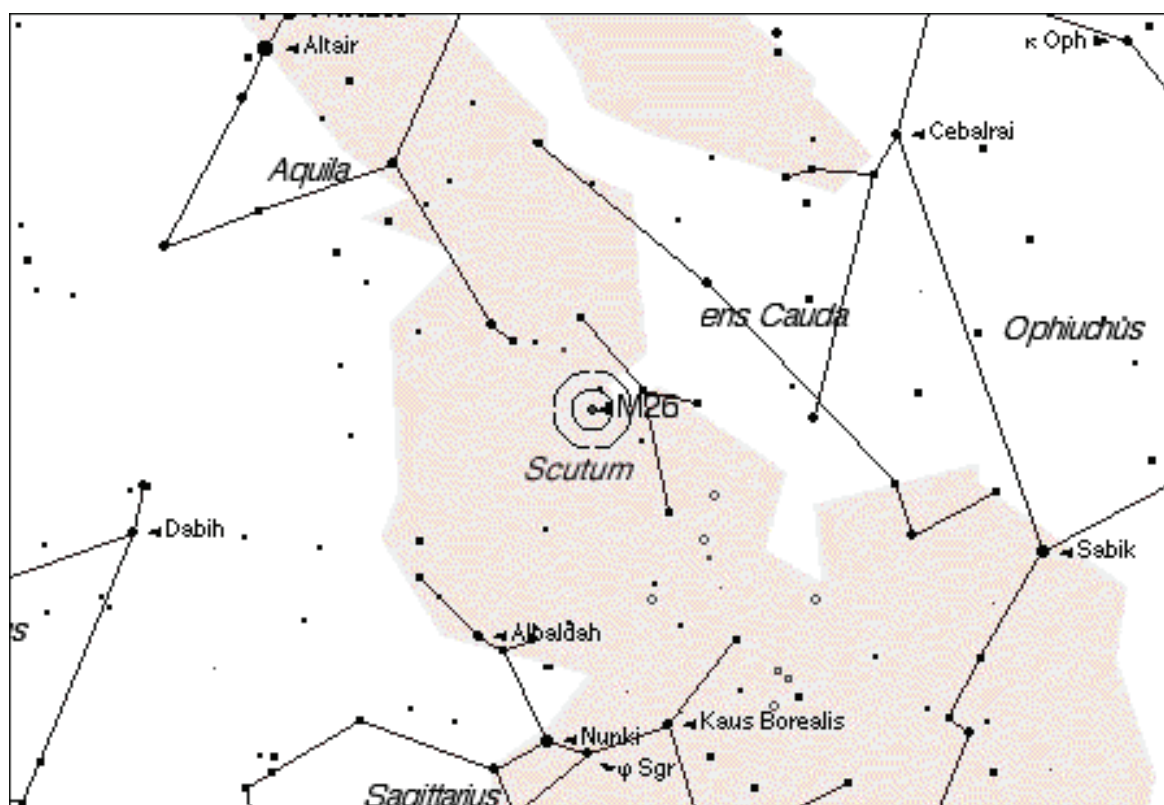
Equipment

Sky Conditions Transparency Seeing

Session Notes

Observing Notes

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



The Ultimate Messier Object Log

Messier # M027

NGC 6853

Seen? ☐

Date seen

Type Planetary Nebula

Magnitude

Name (if any) Dumbbell Nebula

7.5

Constellation Vulpecula

Marathon Order # 75



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

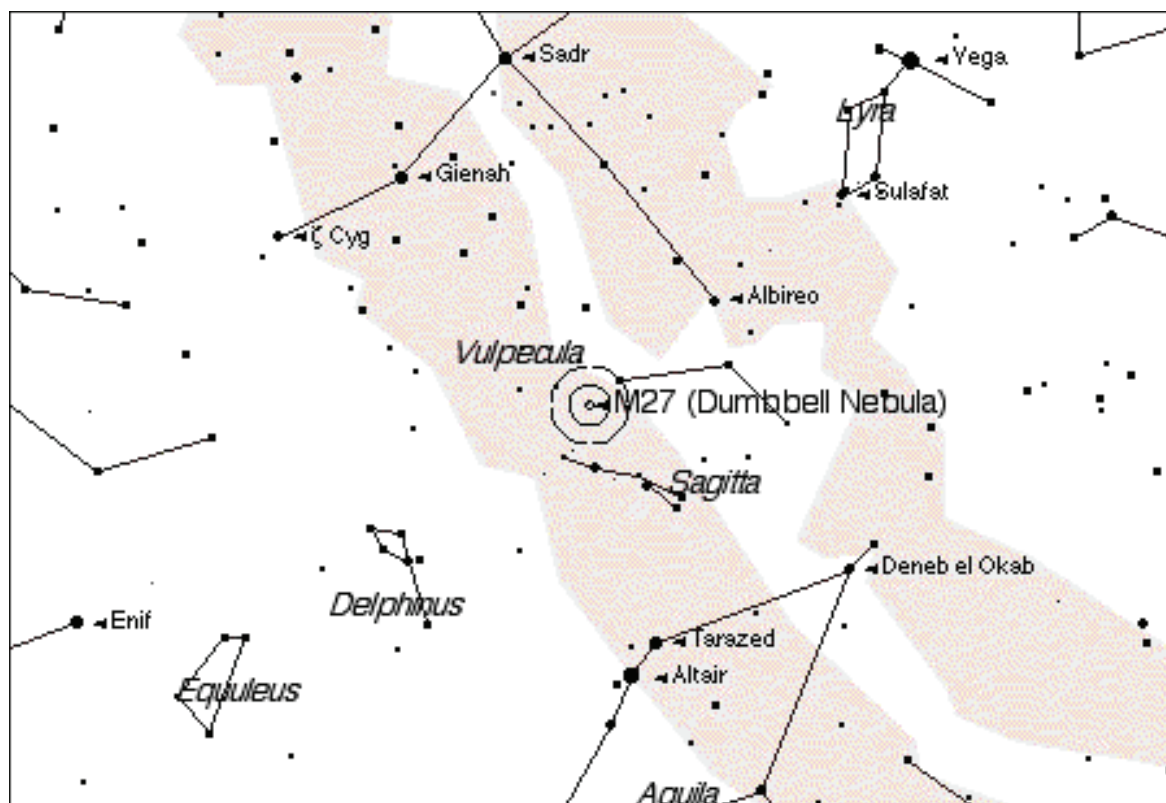
Transparency

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

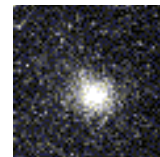
Type Globular Cluster

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

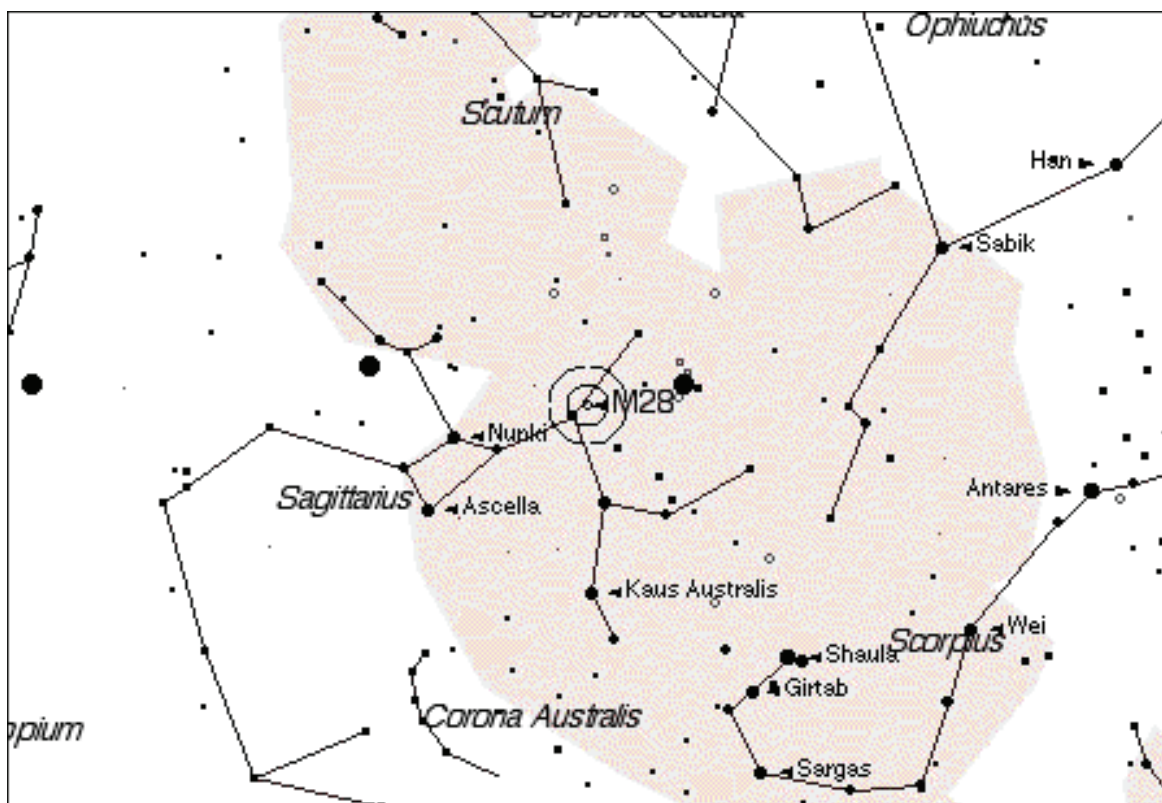
Equipment

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

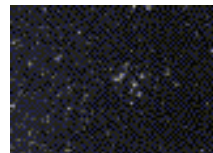
Type Open Cluster

Magnitude

Name (if any) N/A

9.0

Constellation Cygnus



Marathon Order # 73

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

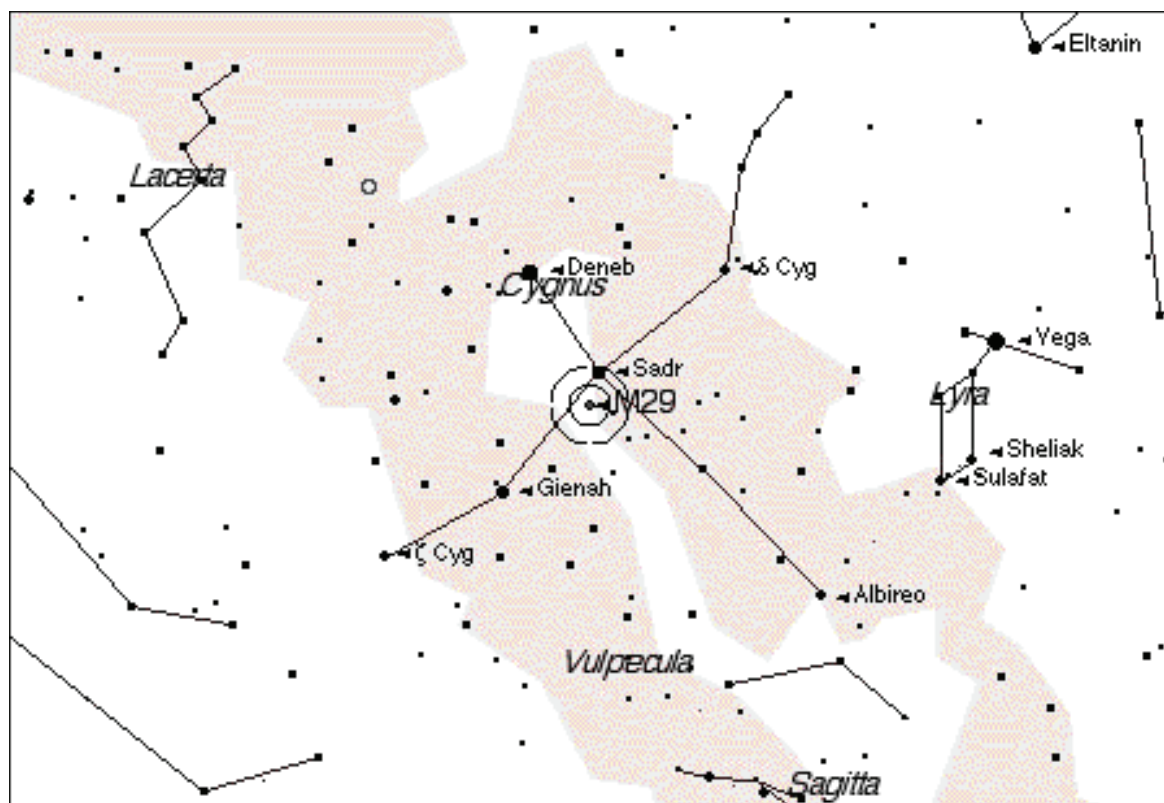
Equipment

Sky Conditions Transparency Seeing

Session Notes

Observing Notes

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



The Ultimate Messier Object Log

Messier # M030

NGC 7099

Seen? ☐

Date seen

Type Globular Cluster

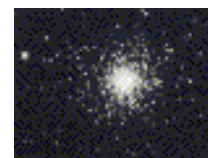
Magnitude

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

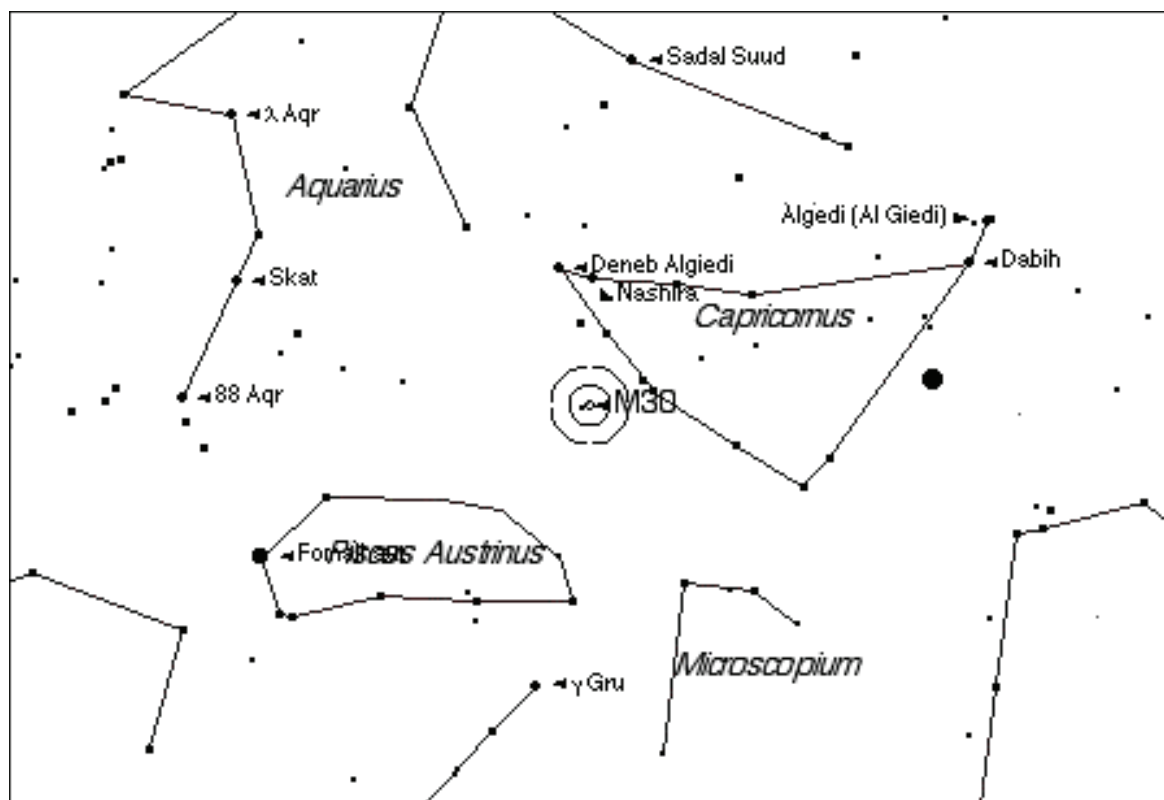
Sky Conditions Transparency

Seeing

Session Notes

Observing Notes

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



The Ultimate Messier Object Log

Messier # M031

NGC 0224

Seen? ☐

Date seen

Type Spiral Galaxy

Magnitude

Name (if any) Andromeda Galaxy

4.5

Constellation Andromeda



Marathon Order # 4

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

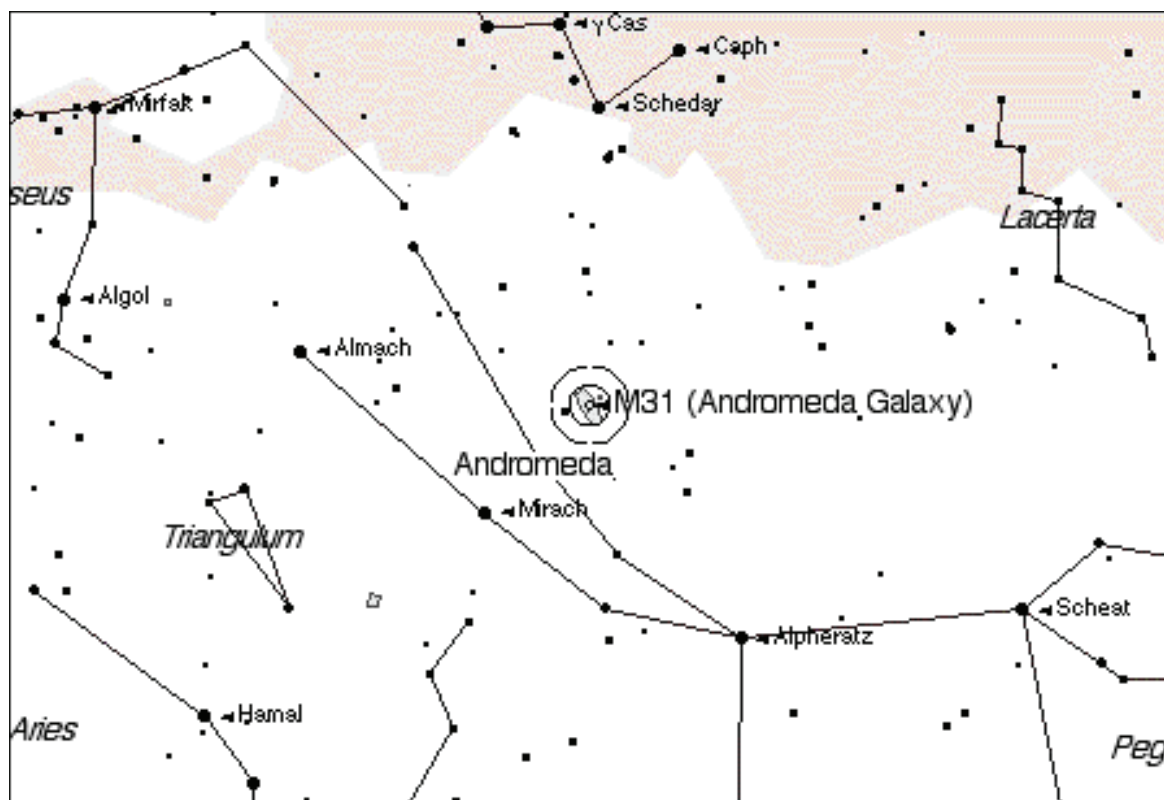
Sky Conditions Transparency

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

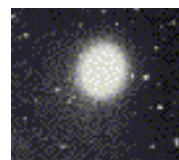
Magnitude

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

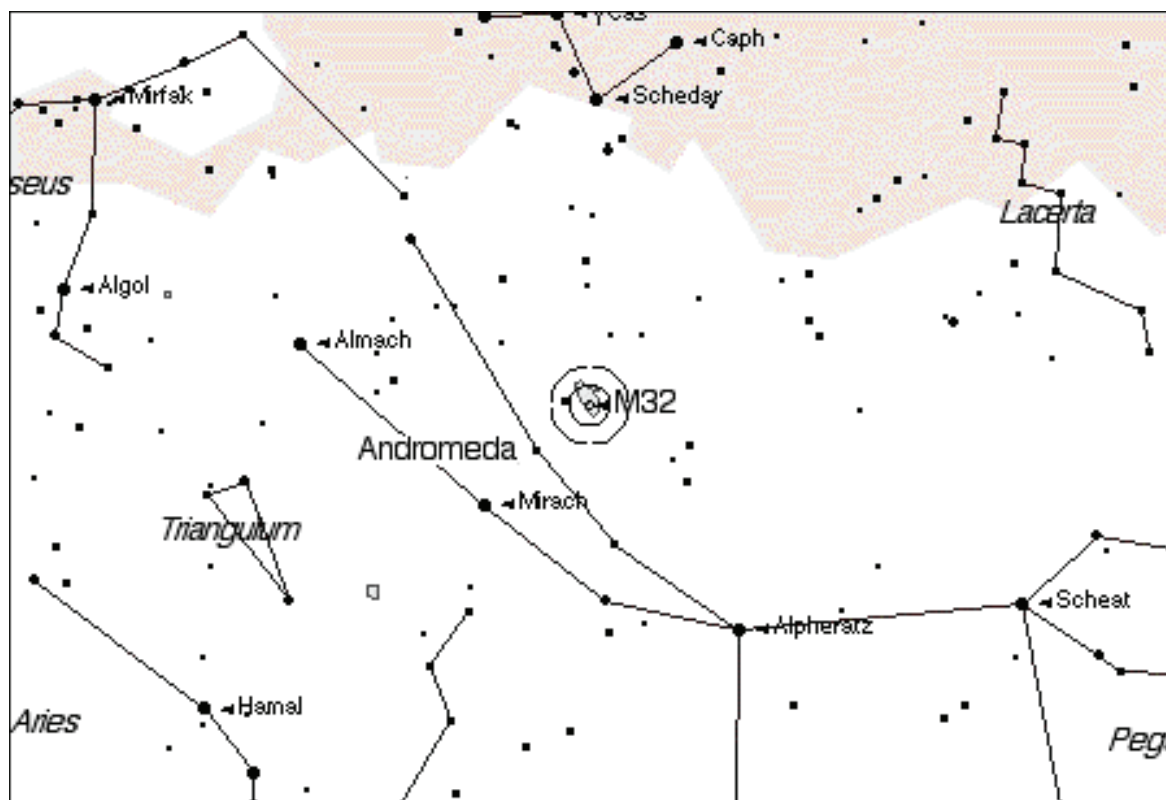
Sky Conditions Transparency

Seeing

Session Notes

Observing Notes

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



The Ultimate Messier Object Log

Messier # M033

NGC 0598

Seen? ☐

Date seen

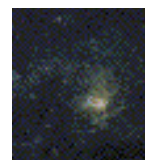
Type Spiral Galaxy

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

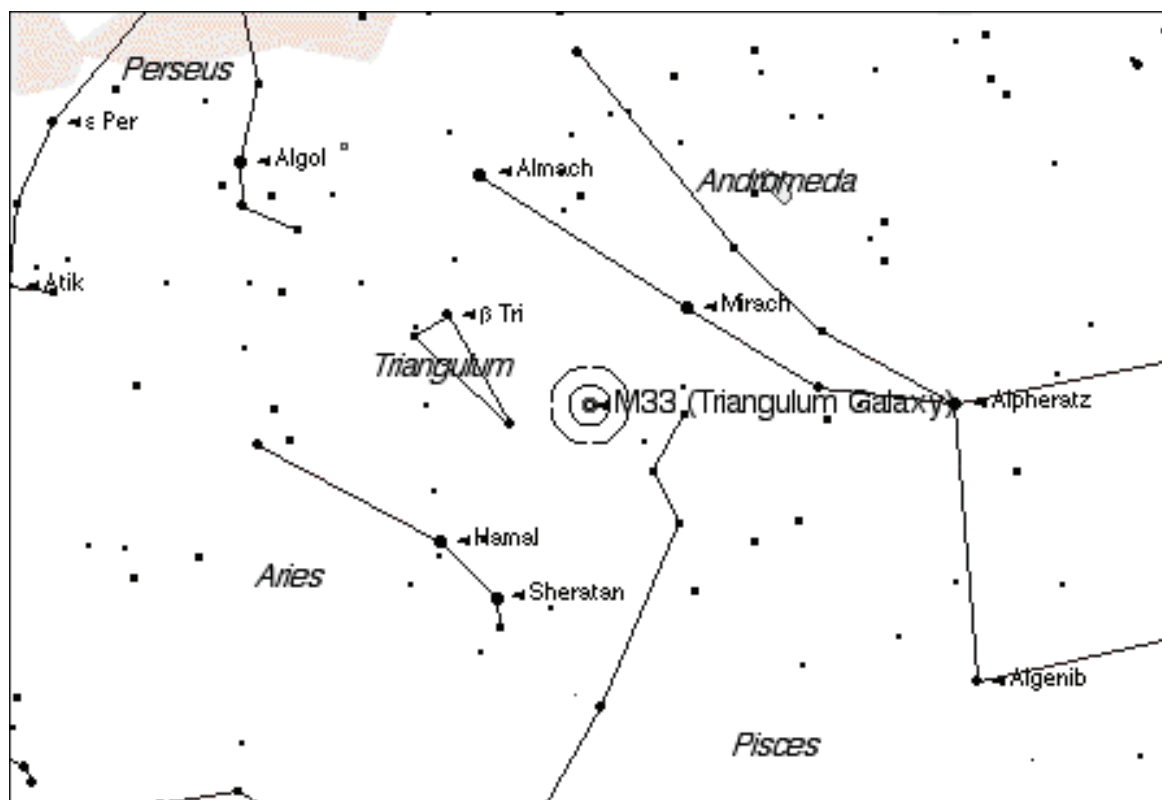
Sky Conditions Transparency

Seeing

Session Notes

Observing Notes

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



The Ultimate Messier Object Log

Messier # M034

NGC 1039

Seen? ☐

Date seen

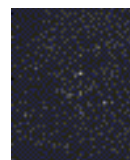
Type Open Cluster

Magnitude

Name (if any) N/A

6.0

Constellation Perseus



Marathon Order # 10

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

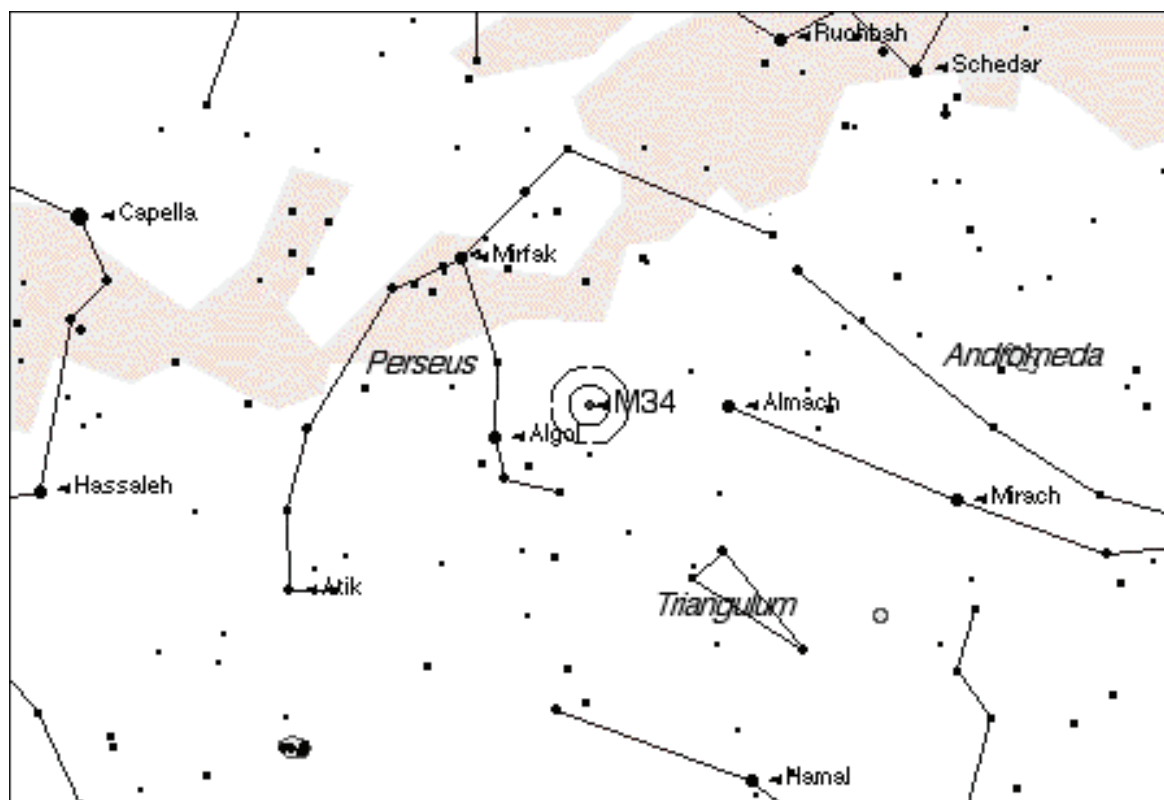
Transparency

Seeing

Session Notes

Observing Notes

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



The Ultimate Messier Object Log

Messier # M035

NGC 2168

Seen? ☐

Date seen

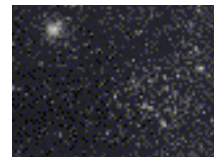
Type Open Cluster

Magnitude

Name (if any) N/A

5.5

Constellation Gemini



Marathon Order # 17

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

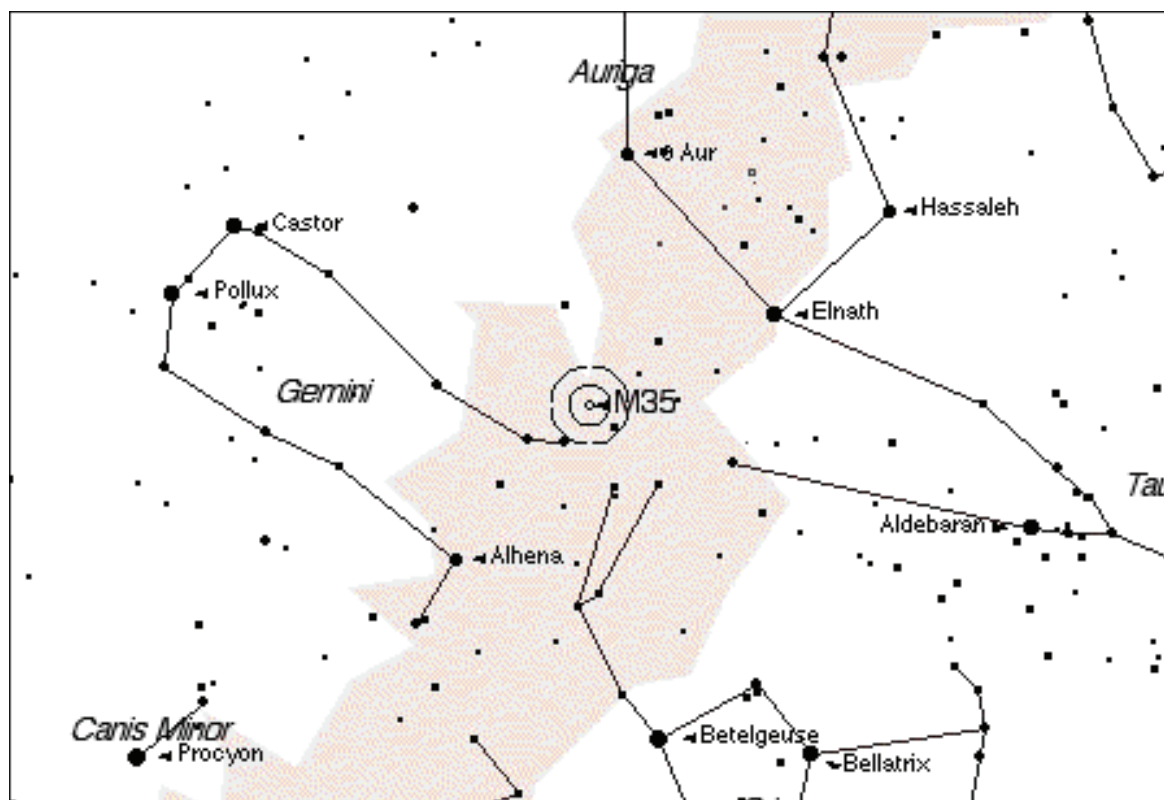
Equipment

Sky Conditions Transparency Seeing

Session Notes

Observing Notes

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



The Ultimate Messier Object Log

Messier # M036

NGC 1960

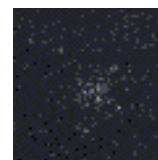
Seen? ☐

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

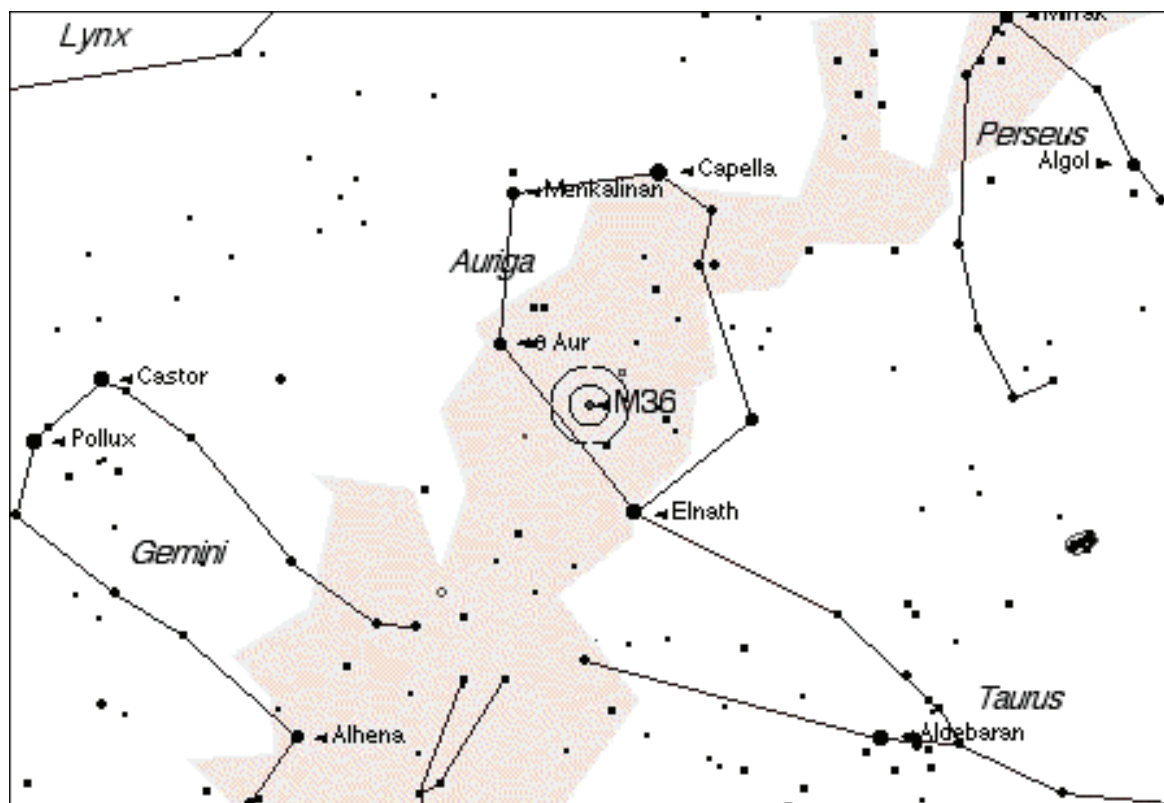
Transparency

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

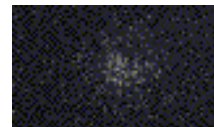
Type Open Cluster

Magnitude

Name (if any) N/A

6.0

Constellation Auriga



Marathon Order # 18

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

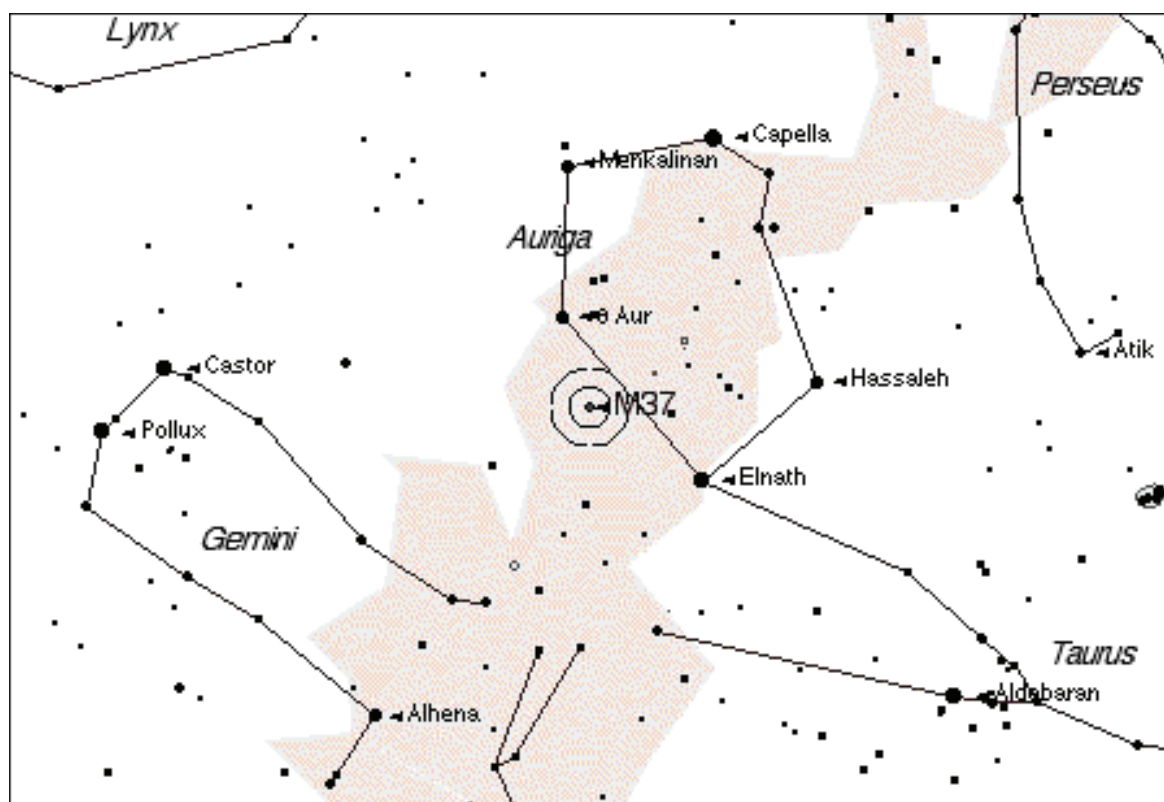
Equipment

Sky Conditions Transparency Seeing

Session Notes

Observing Notes

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



The Ultimate Messier Object Log

Messier # M038

NGC 1922

Seen? ☐

Date seen

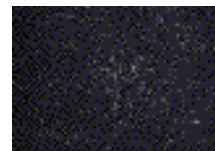
Type Open Cluster

Magnitude

Name (if any) N/A

7.0

Constellation Auriga



Marathon Order # 20

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

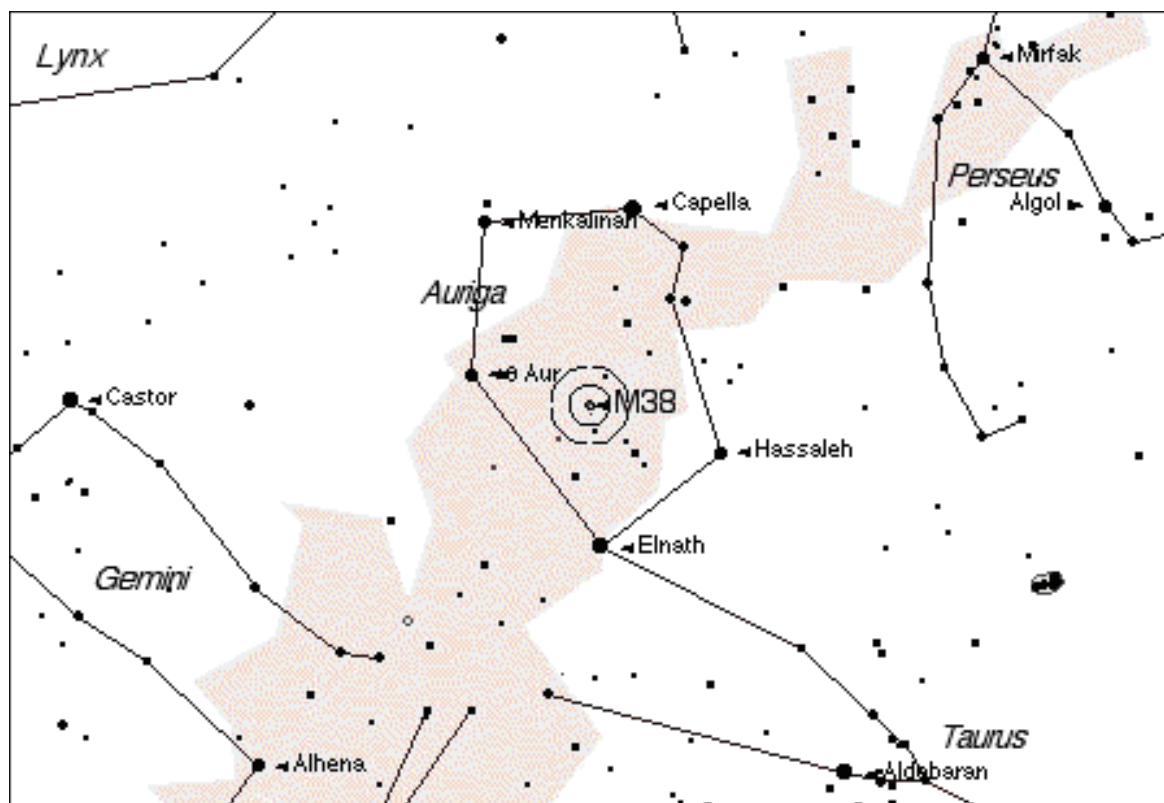
Sky Conditions Transparency

Seeing

Session Notes

Observing Notes

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



The Ultimate Messier Object Log

Messier # M039

NGC 7092

Seen? ☐

Date seen

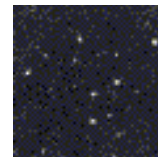
Type Open Cluster

Magnitude

Name (if any) N/A

5.5

Constellation Cygnus



Marathon Order # 74

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

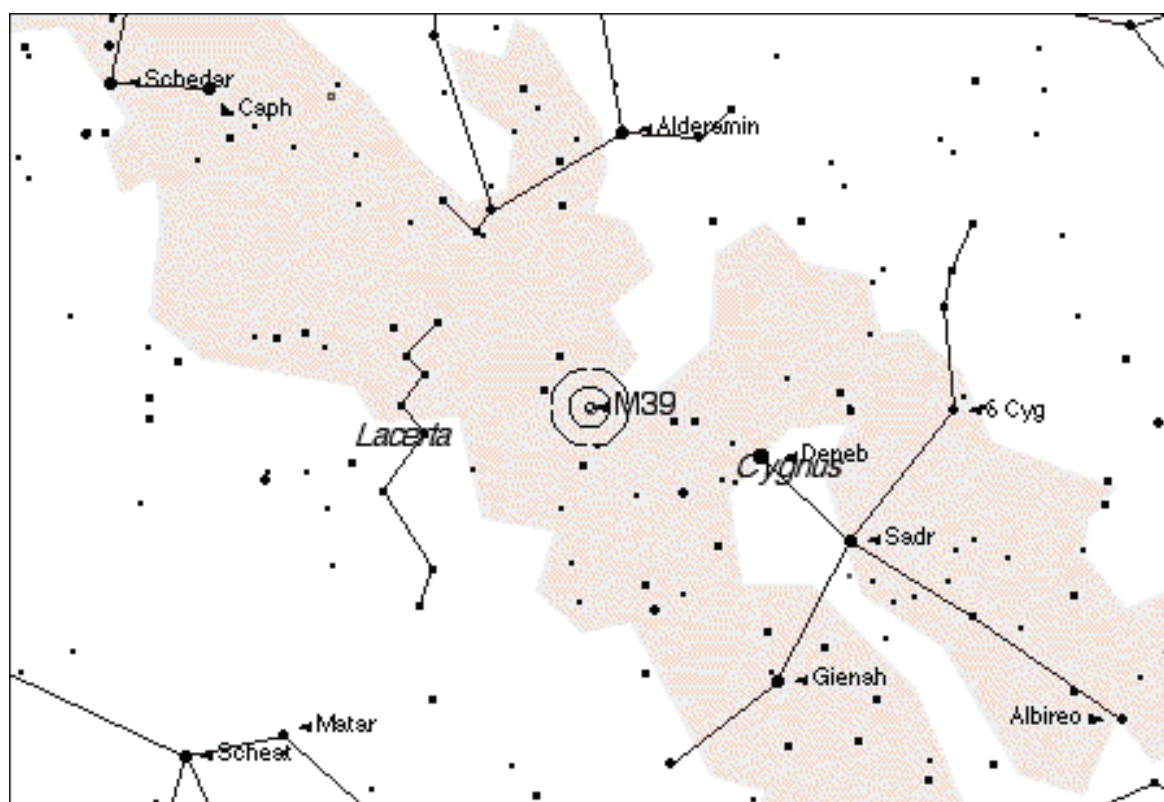
Equipment

Sky Conditions Transparency Seeing

Session Notes

Observing Notes

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



The Ultimate Messier Object Log

Messier # M040

NGC 7092

Seen? ☐

Date seen

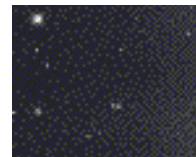
Type Double Star

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

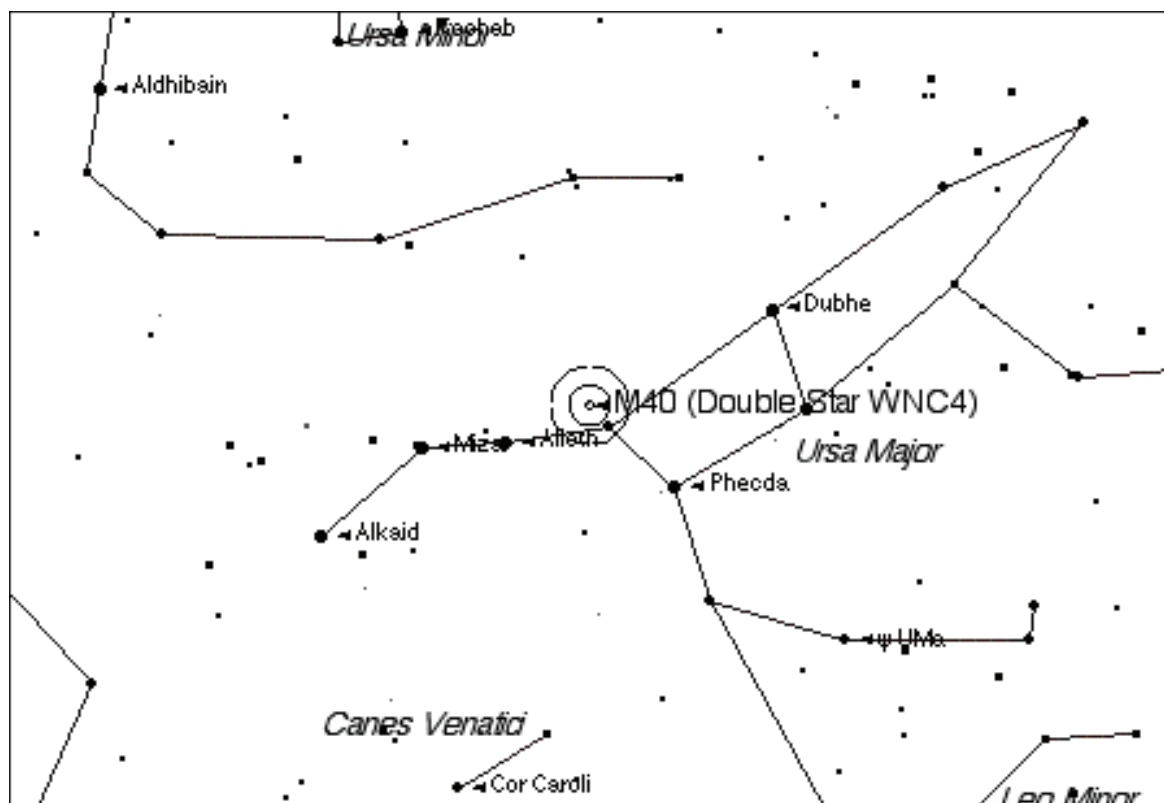
Sky Conditions Transparency

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

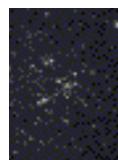
Type Open Cluster

Magnitude

Name (if any) N/A

5.0

Constellation Canis Major



Marathon Order # 21

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

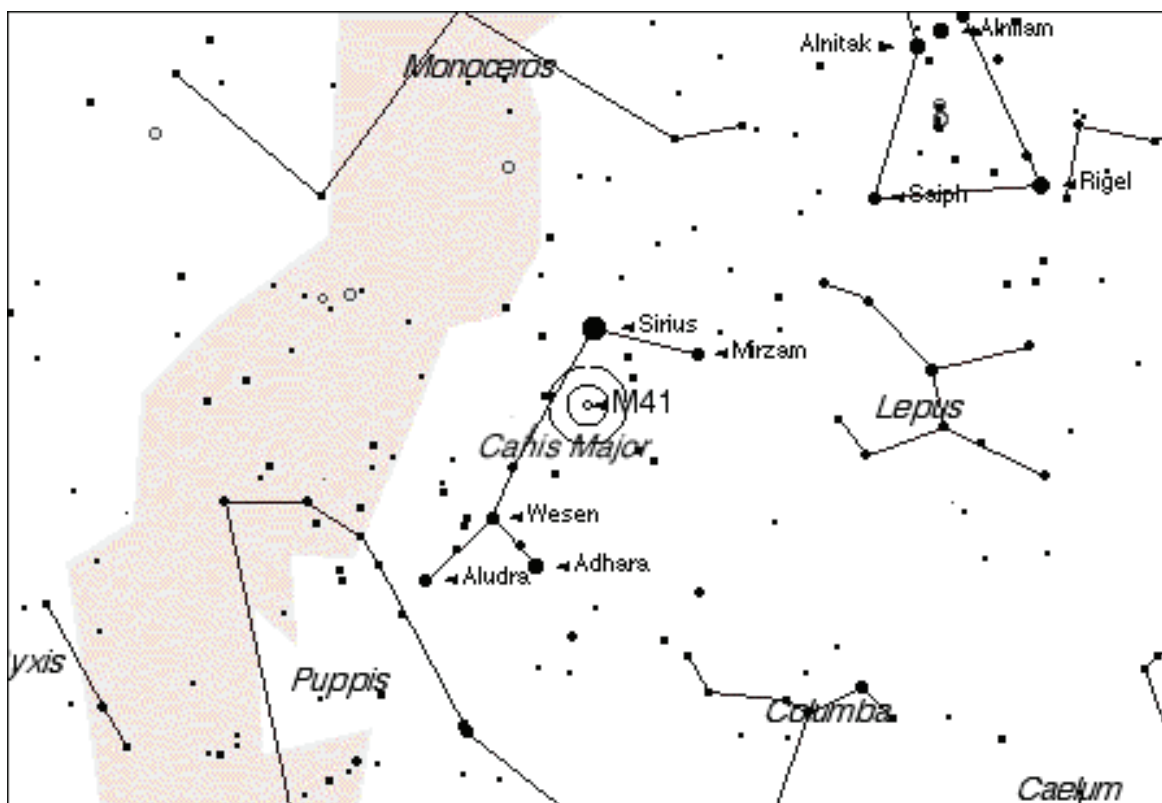
Transparency

Seeing

Session Notes

Observing Notes

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



The Ultimate Messier Object Log

Messier # M042

NGC 1976

Seen? ☐

Date seen

Type Diffuse Nebula

Magnitude

Name (if any) Great Orion Nebula

5.0

Constellation Orion



Marathon Order # 13

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

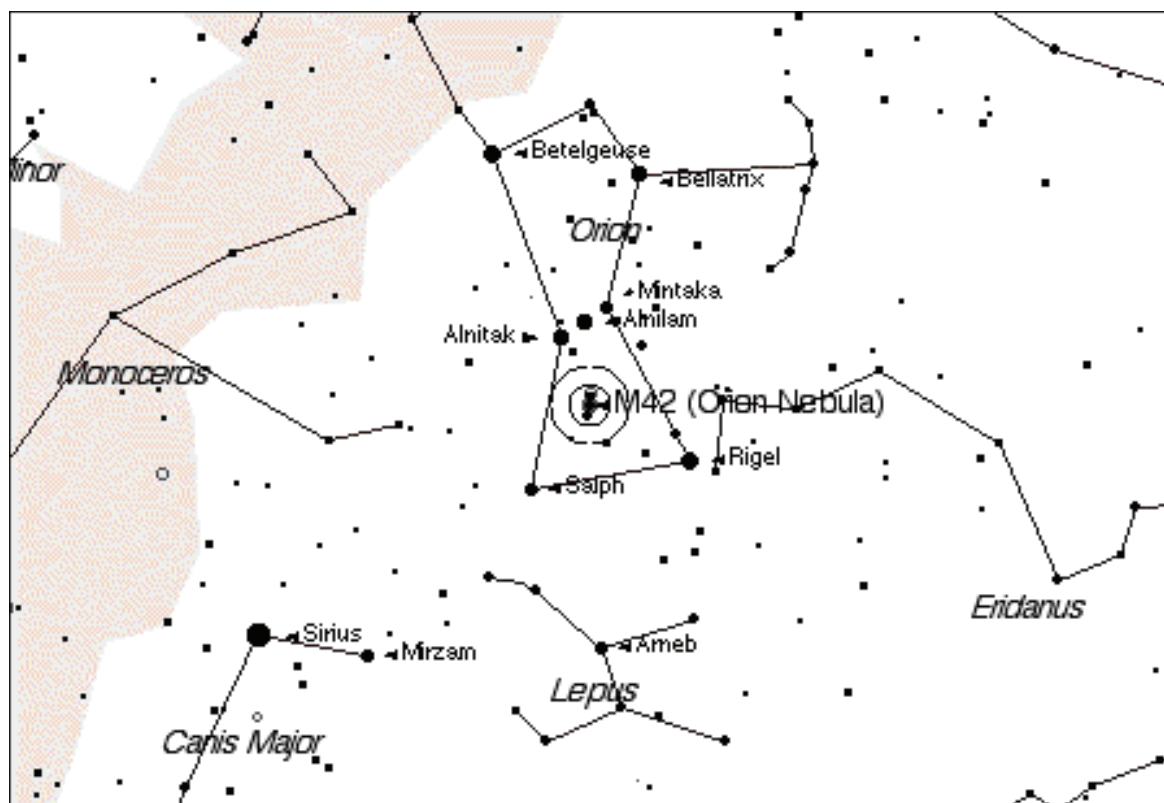
Sky Conditions Transparency

Seeing

Session Notes

Observing Notes

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



The Ultimate Messier Object Log

Messier # M043

NGC 1982

Seen? ☐

Date seen

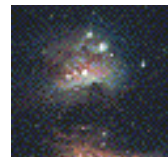
Type Diffuse Nebula

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

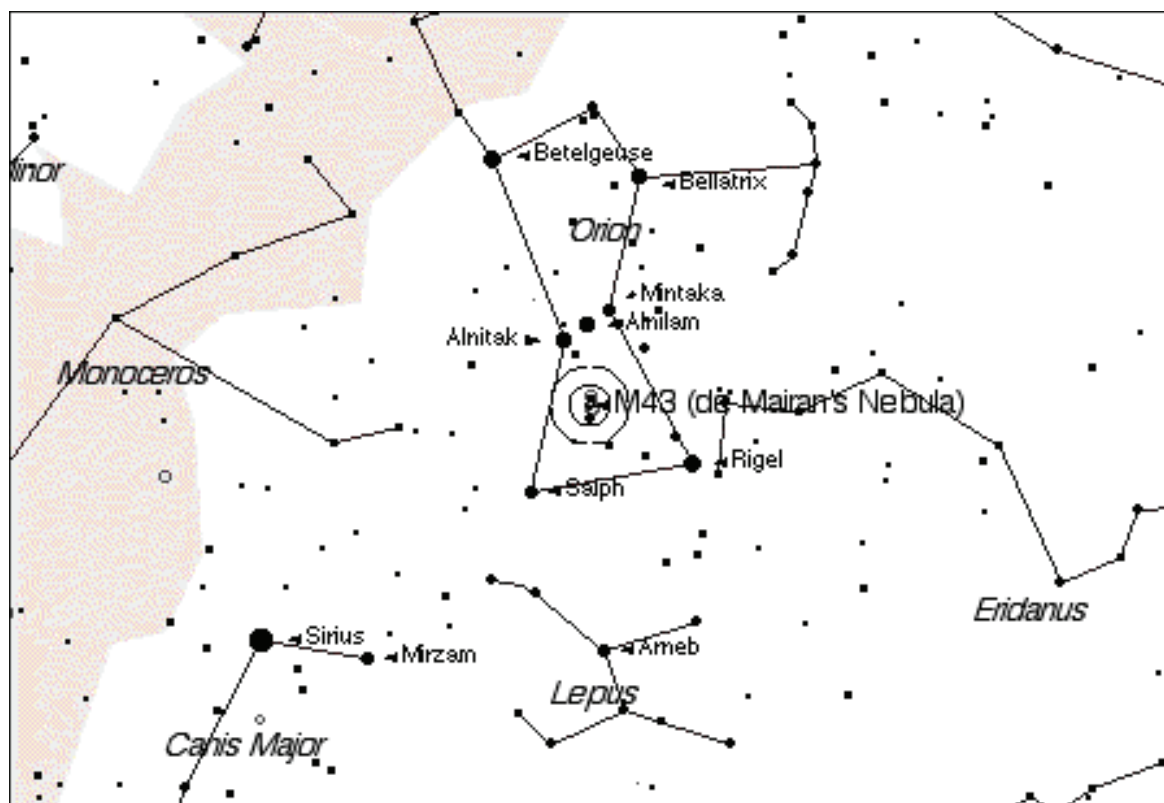
Transparency

Seeing

Session Notes

Observing Notes

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



The Ultimate Messier Object Log

Messier # M044

NGC 2632

Seen? ☐

Date seen

Type Open Cluster

Magnitude

Name (if any) Beehive Cluster (Praesepe)

4.0

Constellation Cancer

Marathon Order # 27

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

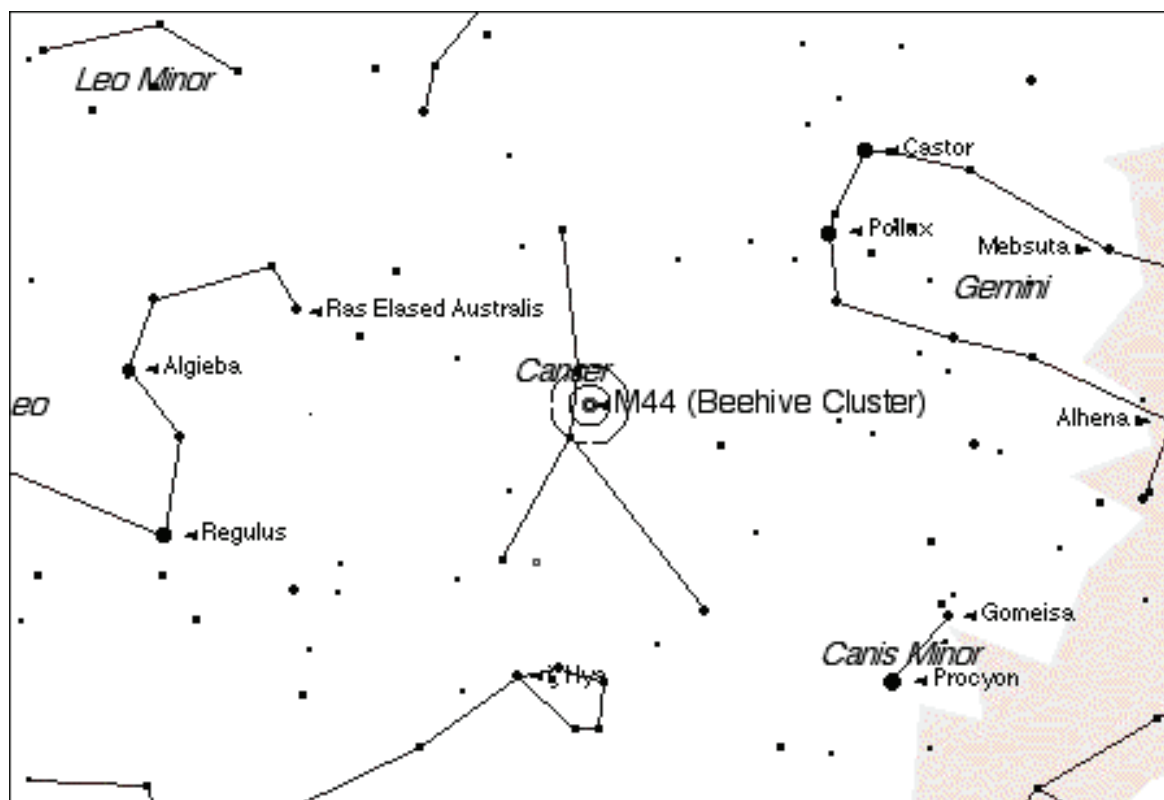
Transparency

Seeing

Session Notes

Observing Notes

Star charts created by Starmy 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

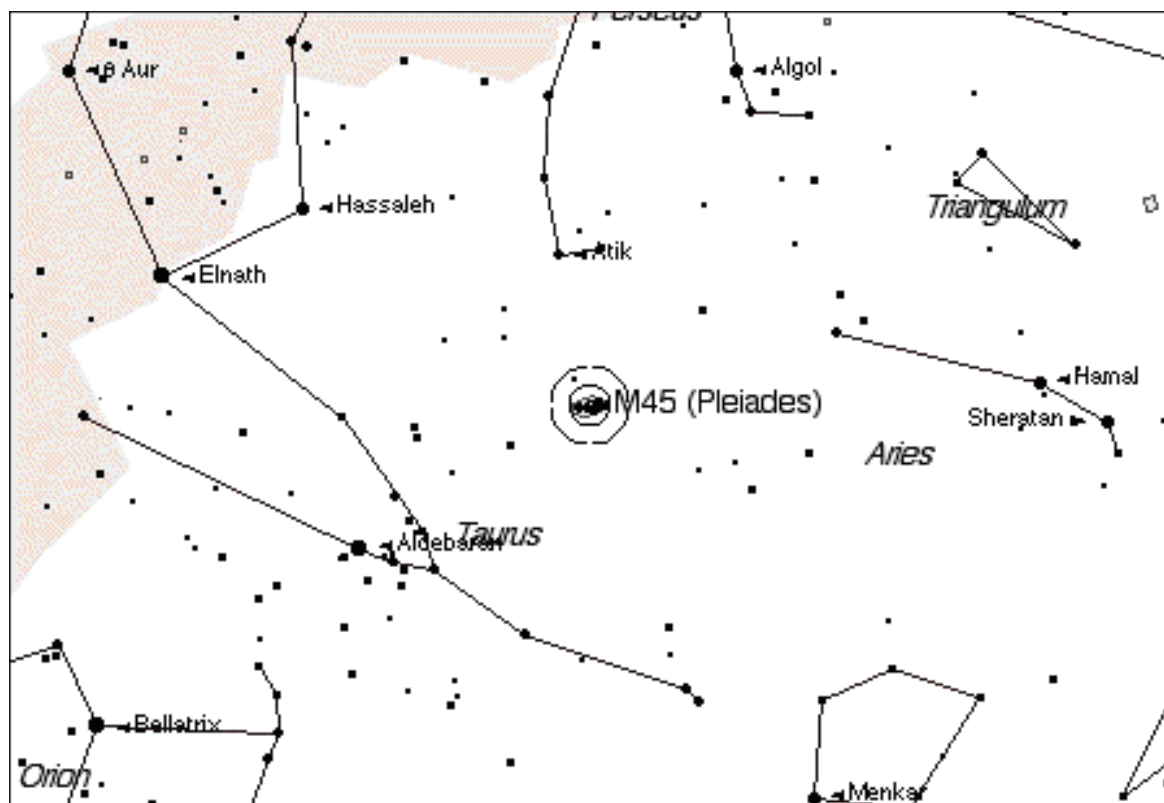
Equipment

Sky Conditions Transparency Seeing

Session Notes

Observing Notes

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



The Ultimate Messier Object Log

Messier # M046

NGC 2437

Seen? ☐

Date seen

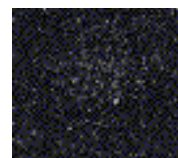
Type Open Cluster

Magnitude

Name (if any) N/A

6.5

Constellation Puppis



Marathon Order # 24

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

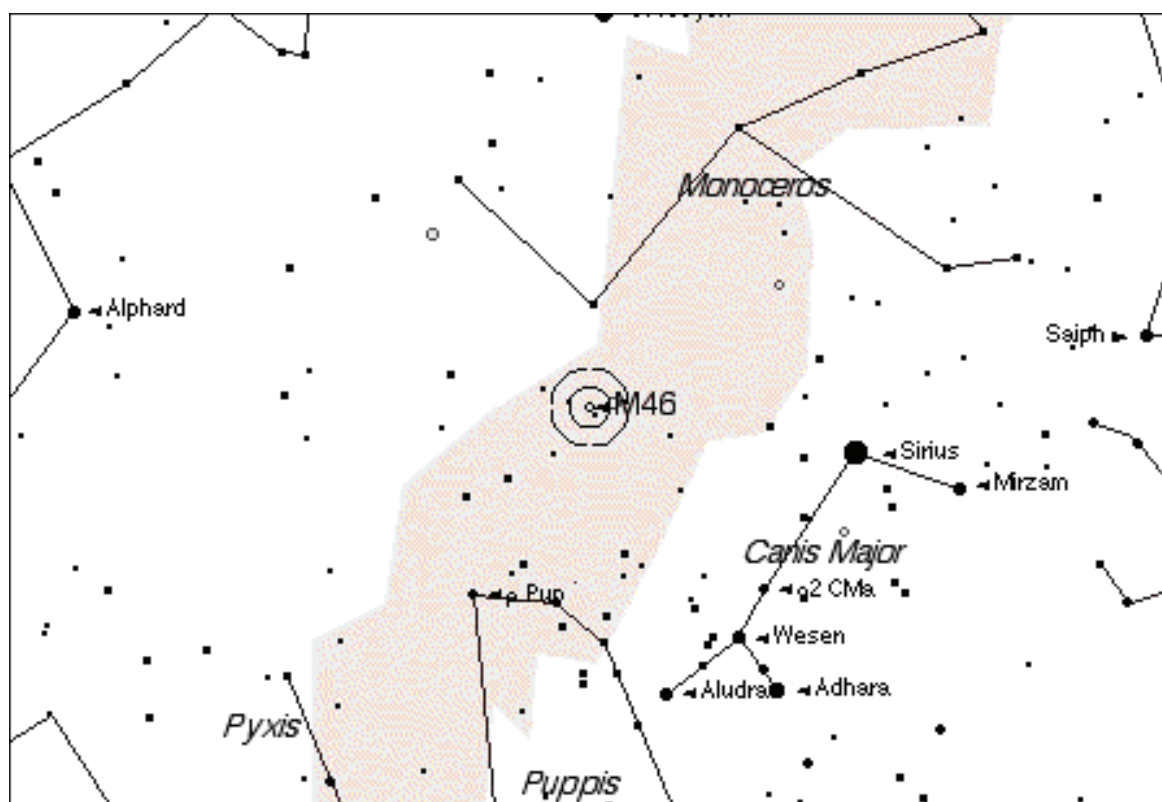
Transparency

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

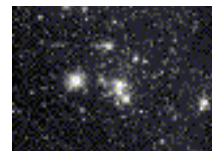
Type Open Cluster

Magnitude

Name (if any) N/A

4.5

Constellation Puppis



Marathon Order # 23

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

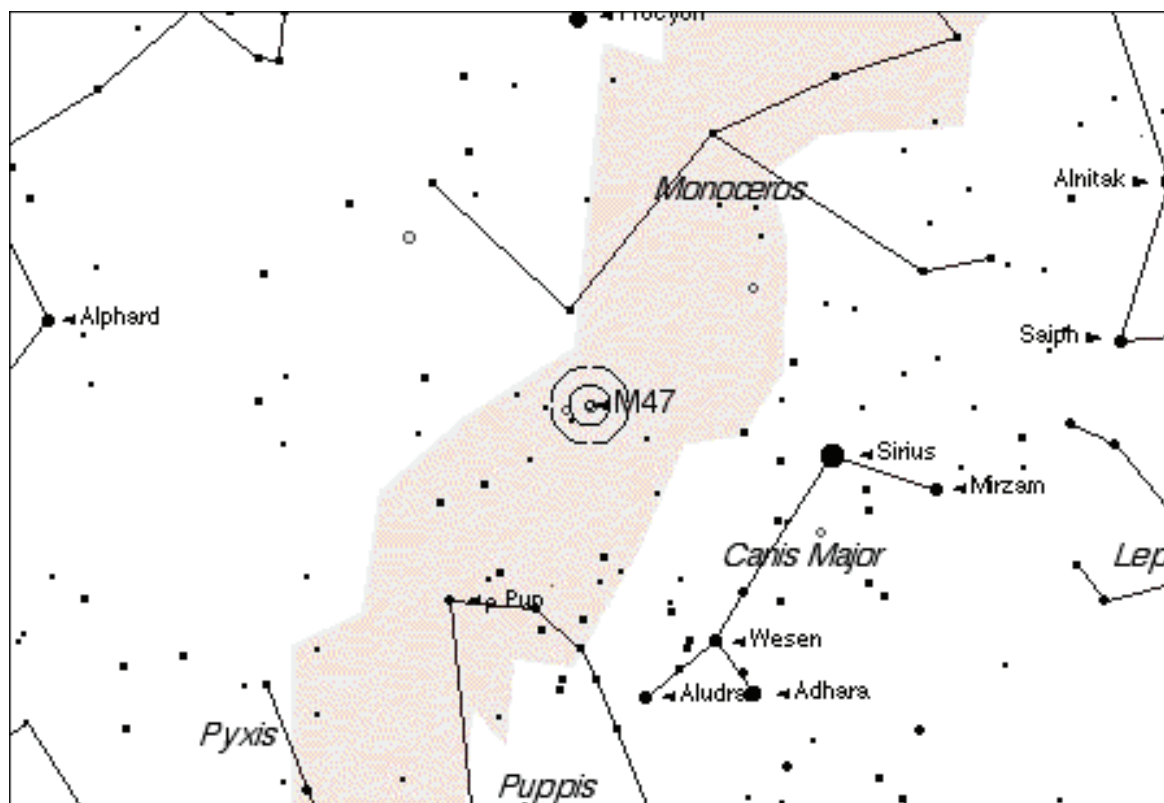
Transparency

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

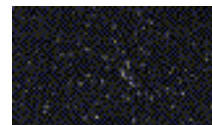
Type Open Cluster

Magnitude

Name (if any) N/A

5.5

Constellation Hydra



Marathon Order # 26

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

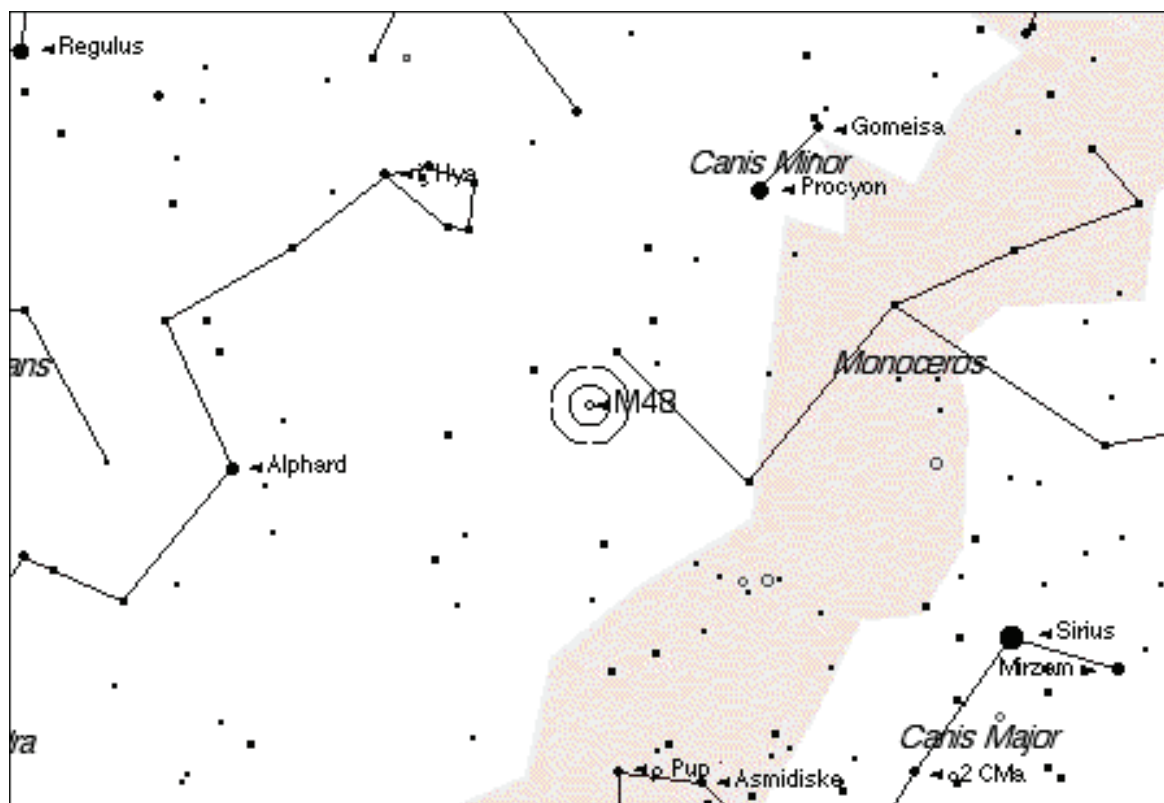
Transparency

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

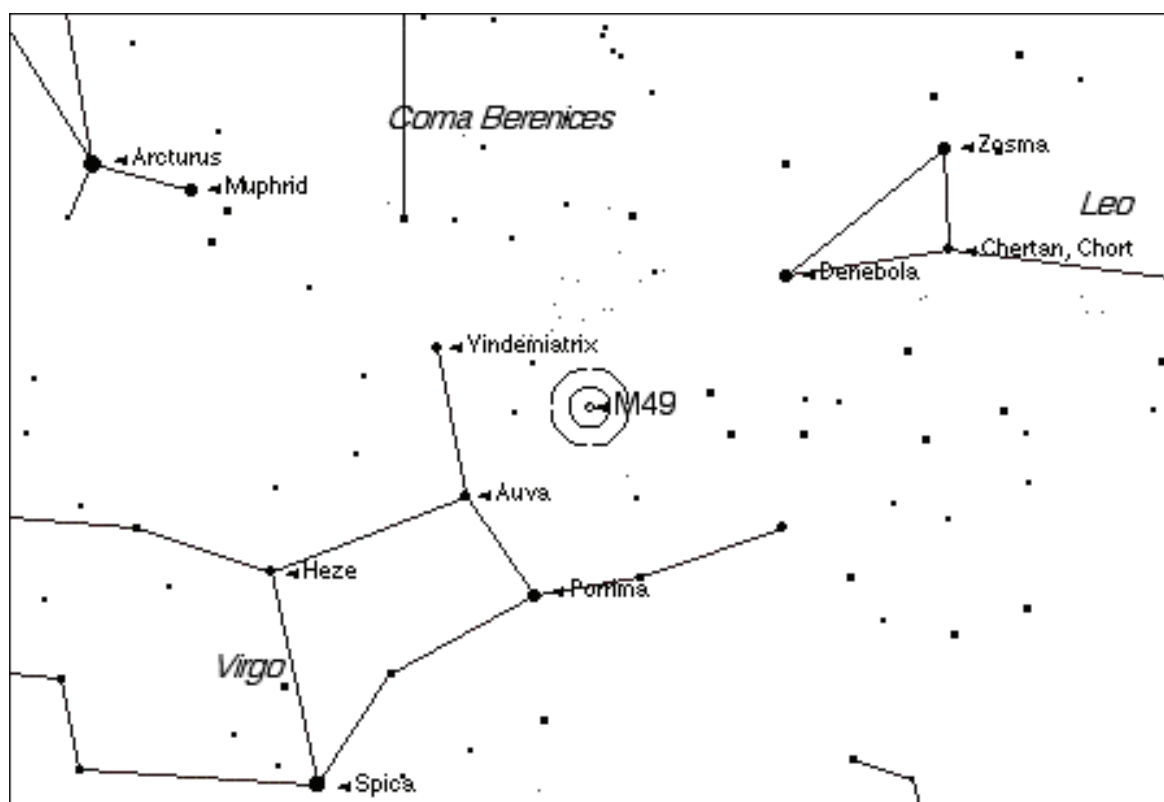
Equipment

Sky Conditions Transparency Seeing

Session Notes

Observing Notes

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



The Ultimate Messier Object Log

Messier # M050

NGC 2323

Seen? ☐

Date seen

Type Open Cluster

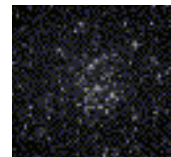
Magnitude

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

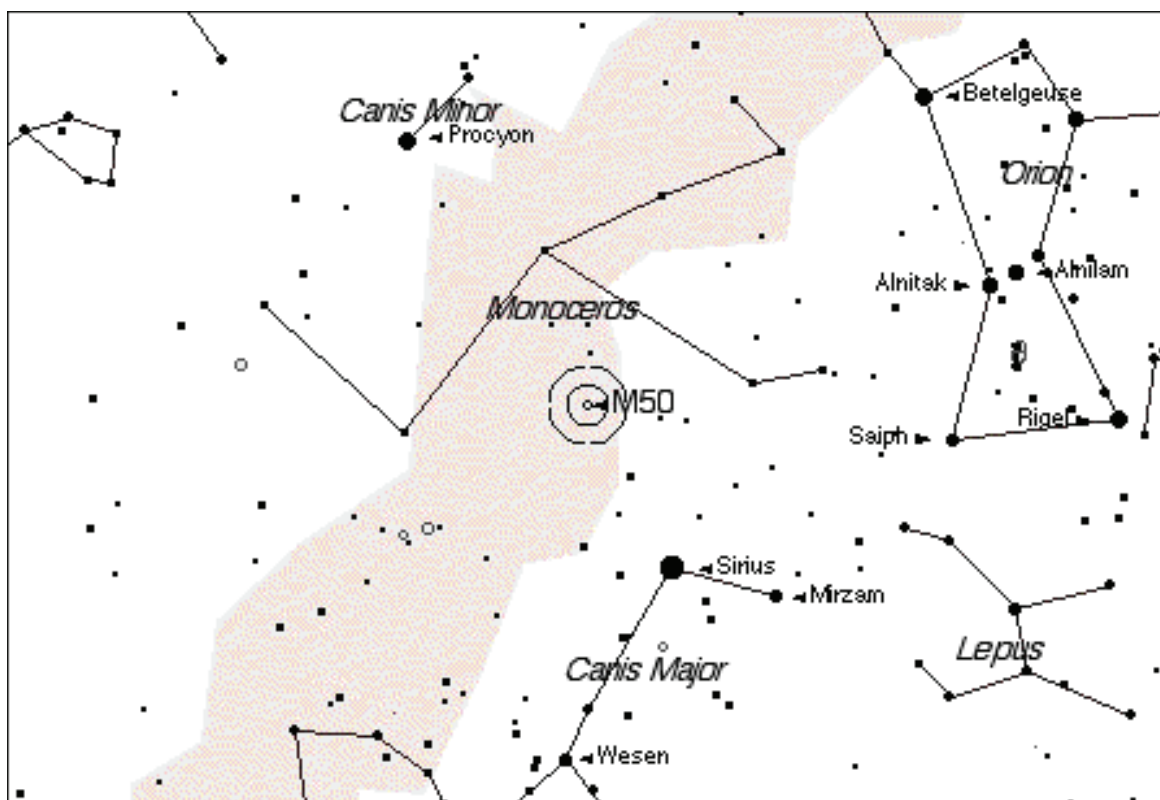
Transparency

Seeing

Session Notes

Observing Notes

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



The Ultimate Messier Object Log

Messier # M051

NGC 5194

Seen? ☐

Date seen

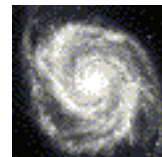
Type Spiral Galaxy

Magnitude

Name (if any) Whirlpool Galaxy

8.0

Constellation Ursa Major



Marathon Order # 43

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

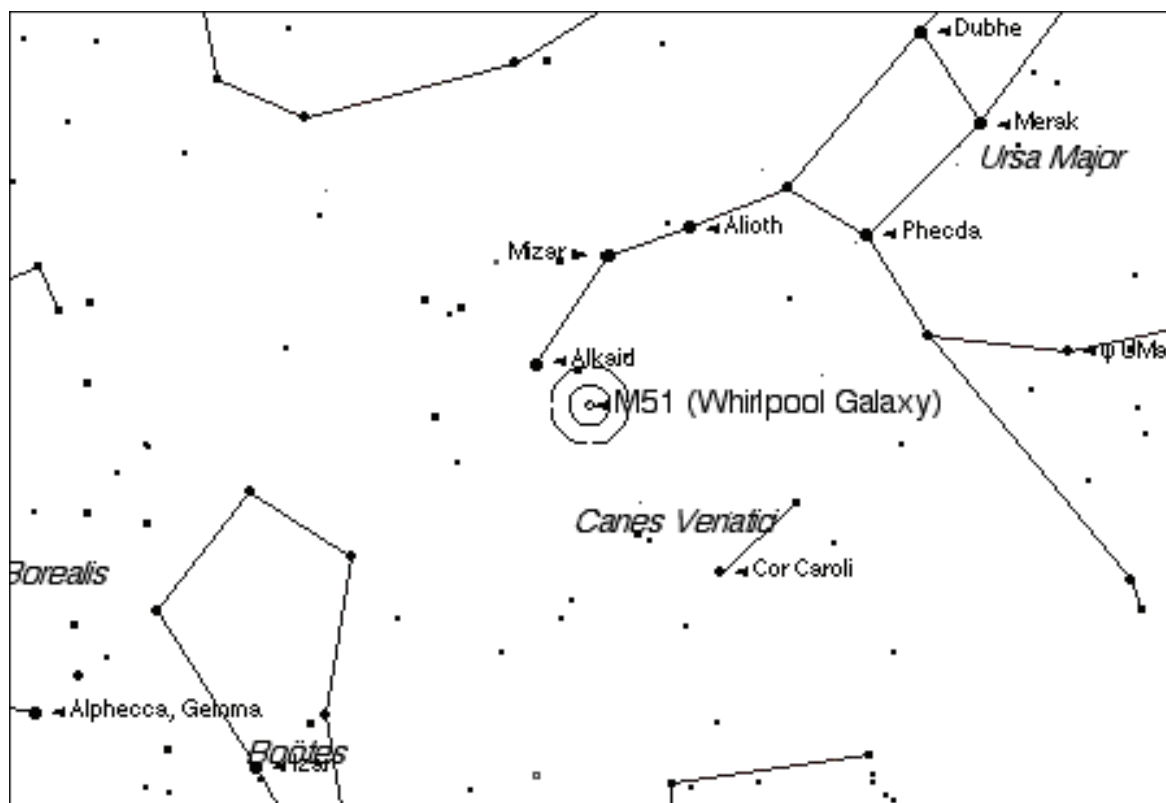
Transparency

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

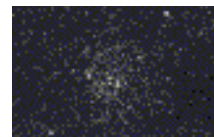
Type Open Cluster

Magnitude

Name (if any) N/A

8.0

Constellation Cassiopeia



Marathon Order # 7

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

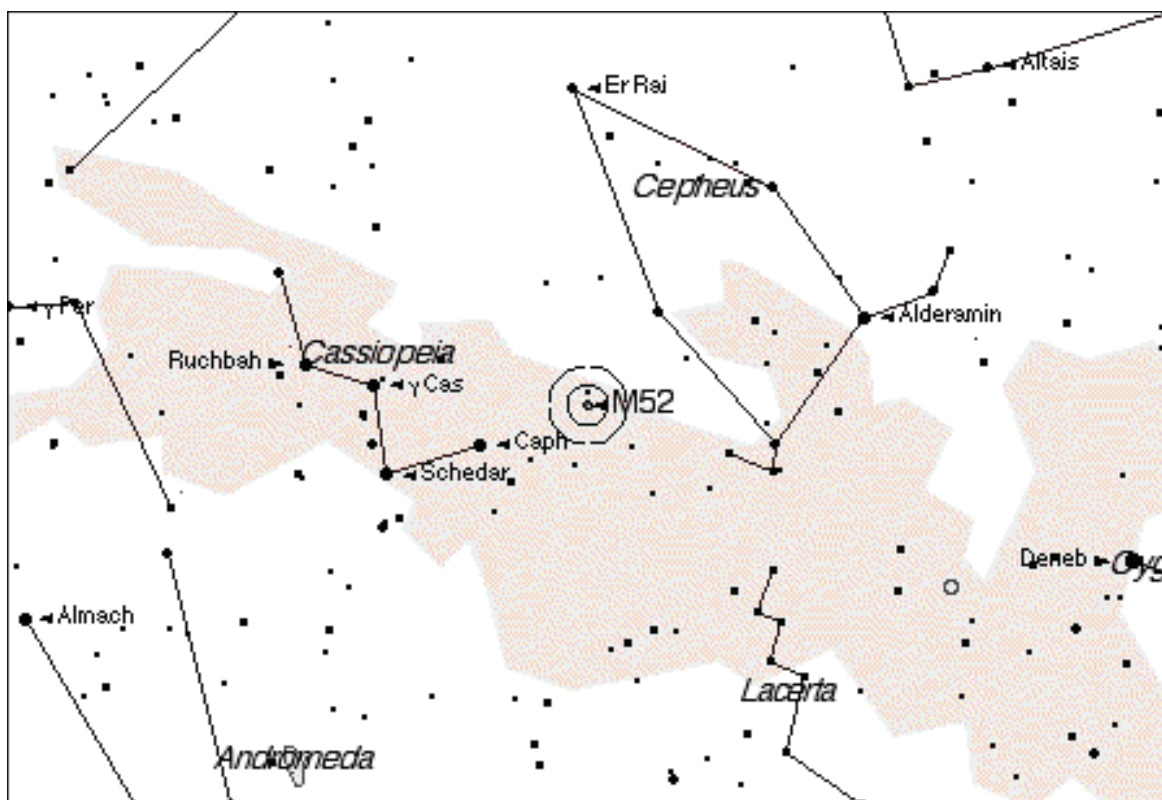
Equipment

Sky Conditions Transparency Seeing

Session Notes

Observing Notes

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



The Ultimate Messier Object Log

Messier # M053

NGC 5024

Seen? ☐

Date seen

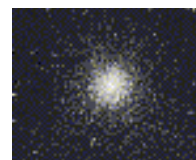
Type Globular Cluster

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

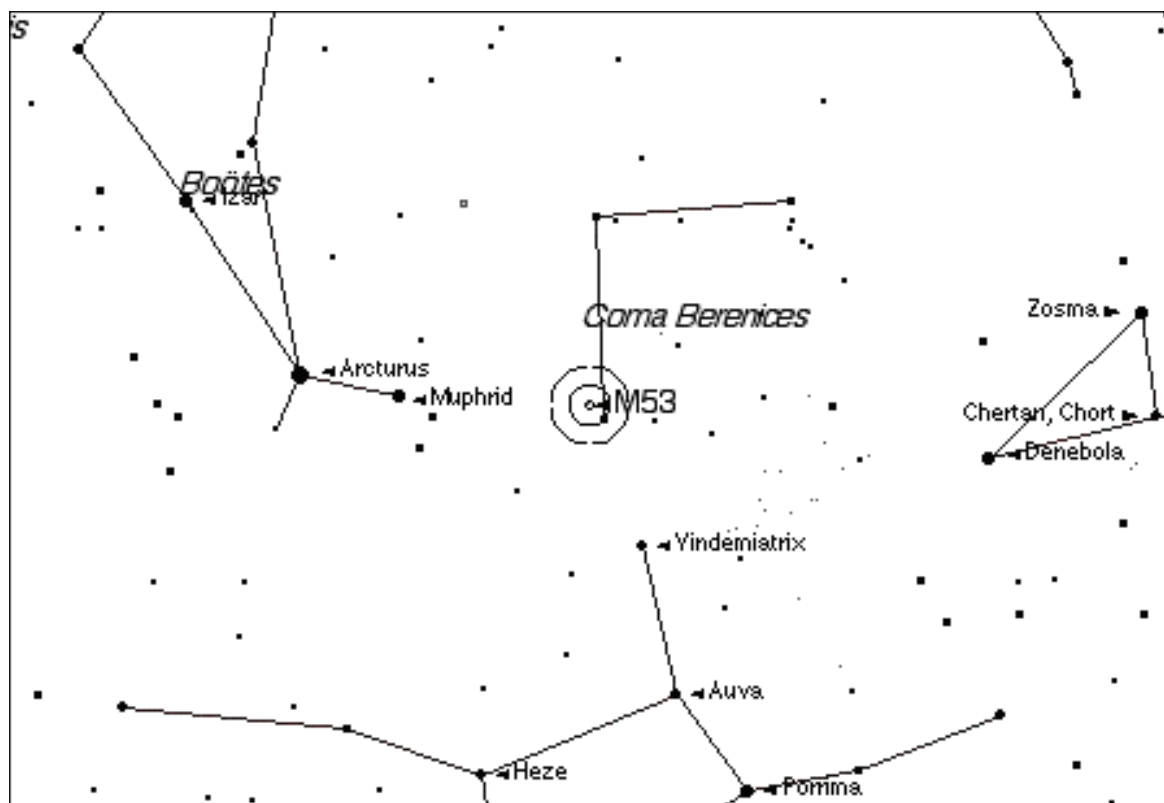
Equipment

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

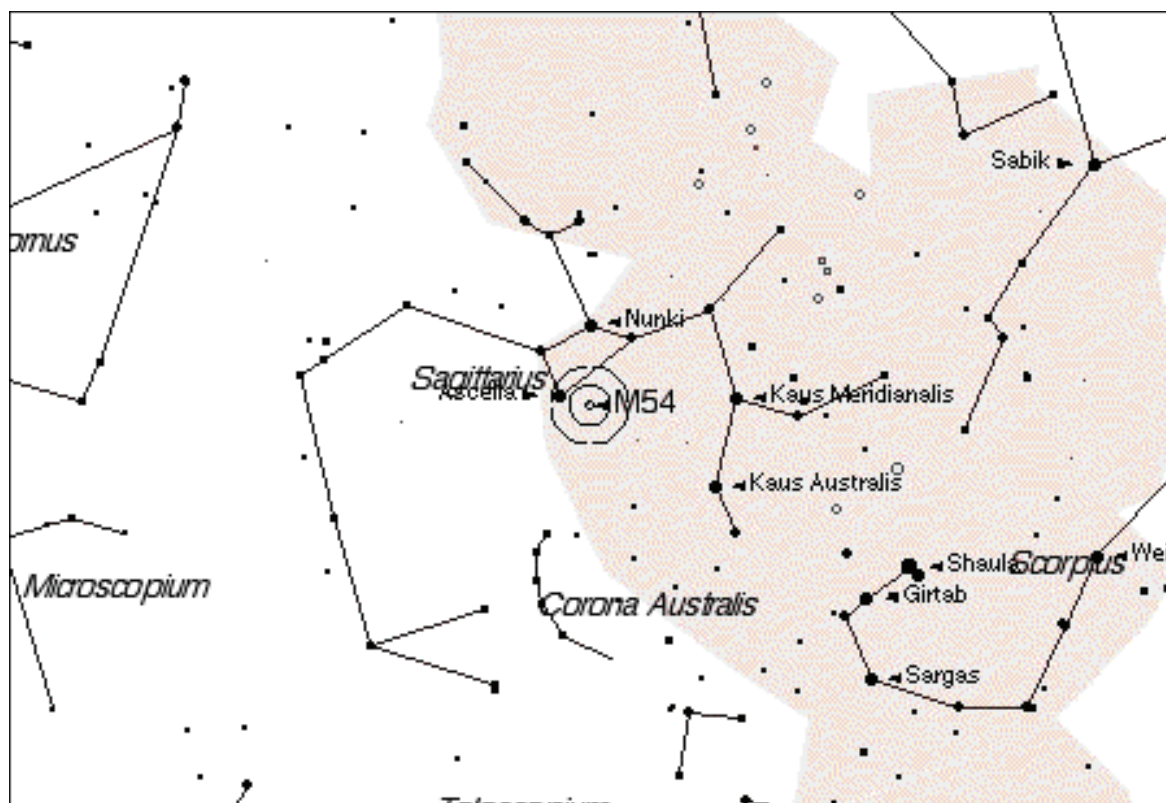
Transparency

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

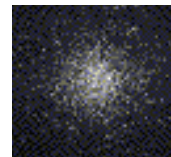
Magnitude

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

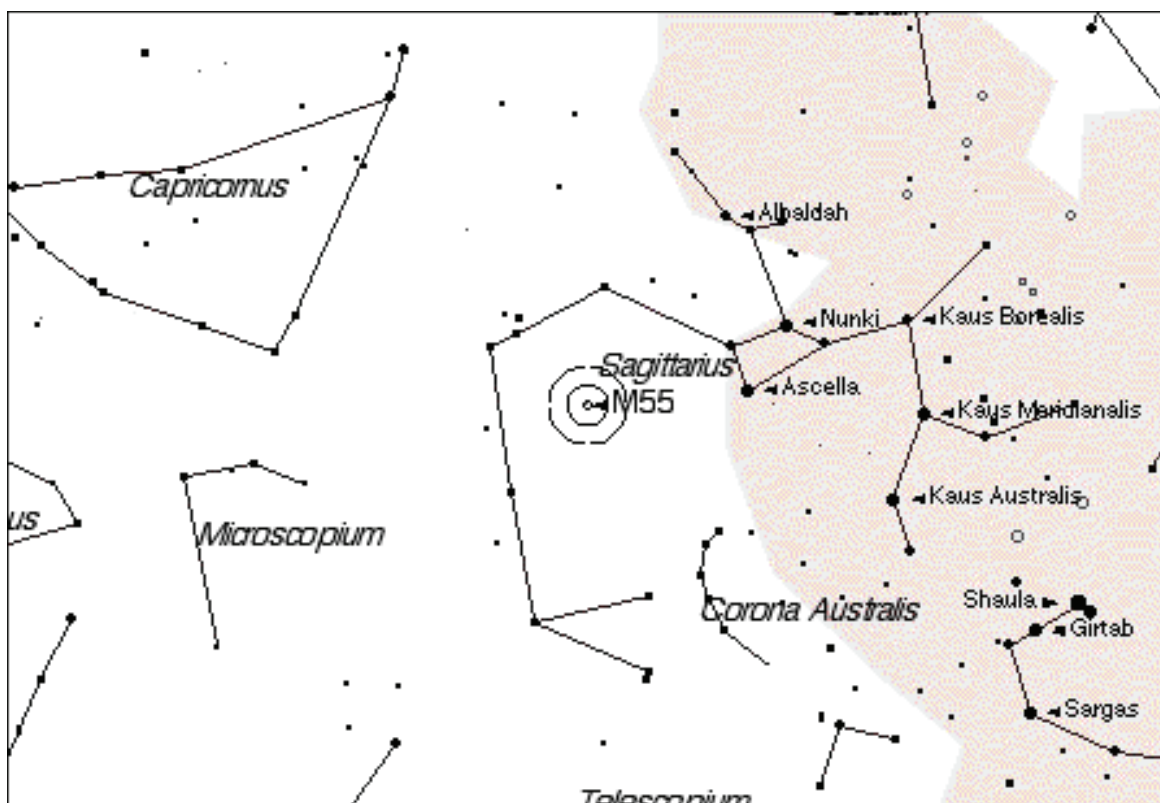
Equipment

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

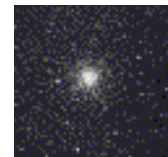
Type Globular Cluster

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

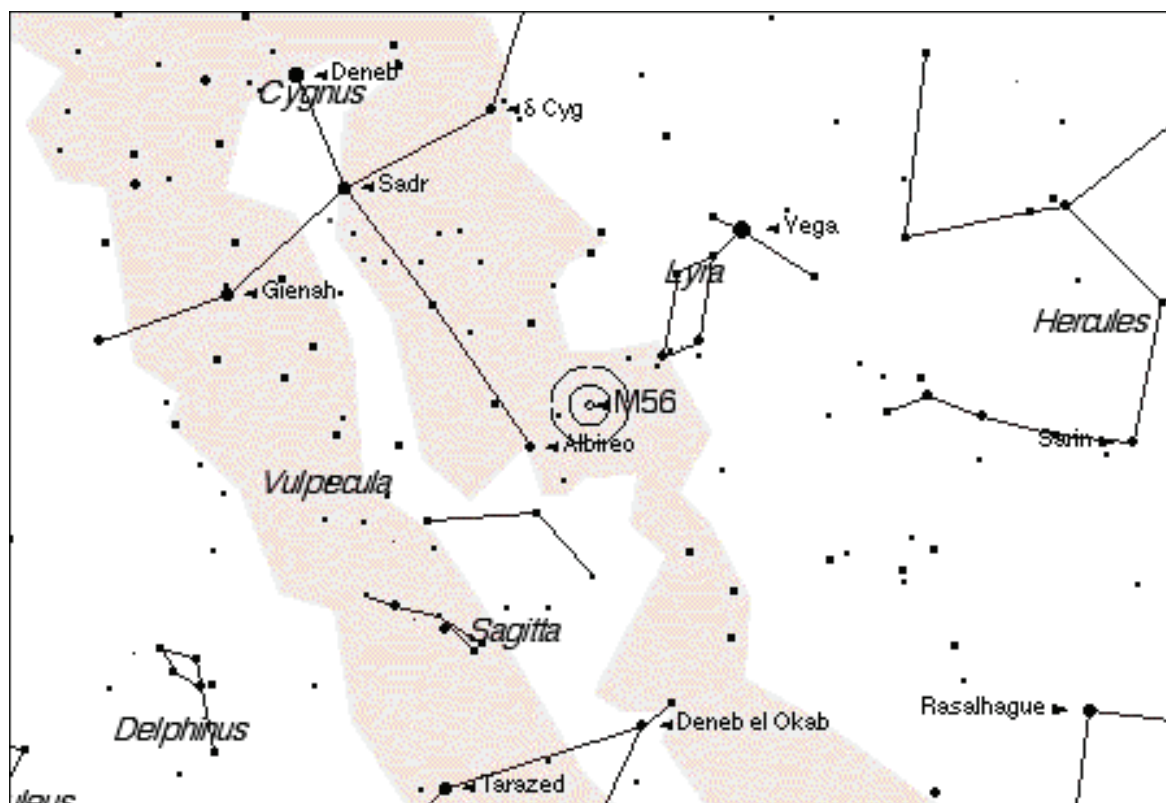
Equipment

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

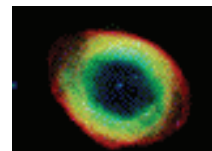
Type Planetary Nebula

Magnitude

Name (if any) Ring Nebula

9.5

Constellation Lyra



Marathon Order # 71

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

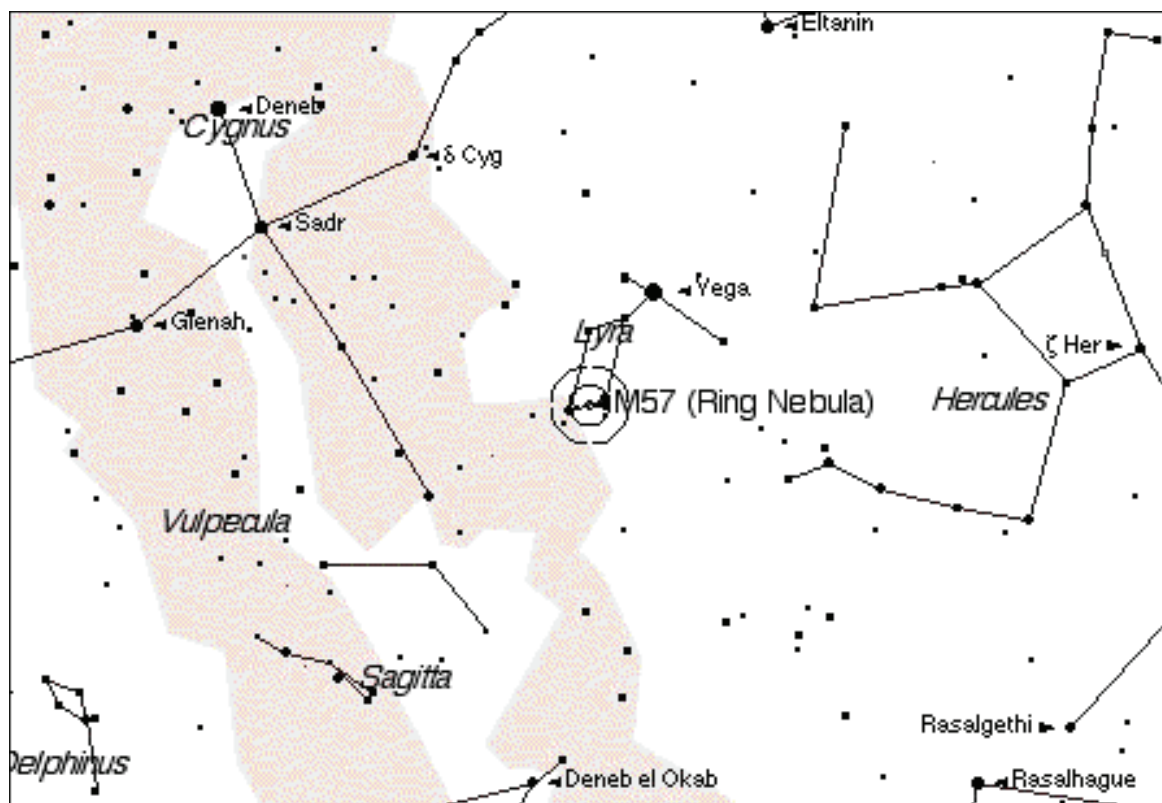
Transparency

Seeing

Session Notes

Observing Notes

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



The Ultimate Messier Object Log

Messier # M058

NGC 4579

Seen? ☐

Date seen

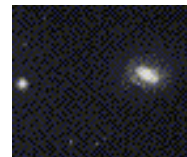
Type Spiral Galaxy

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

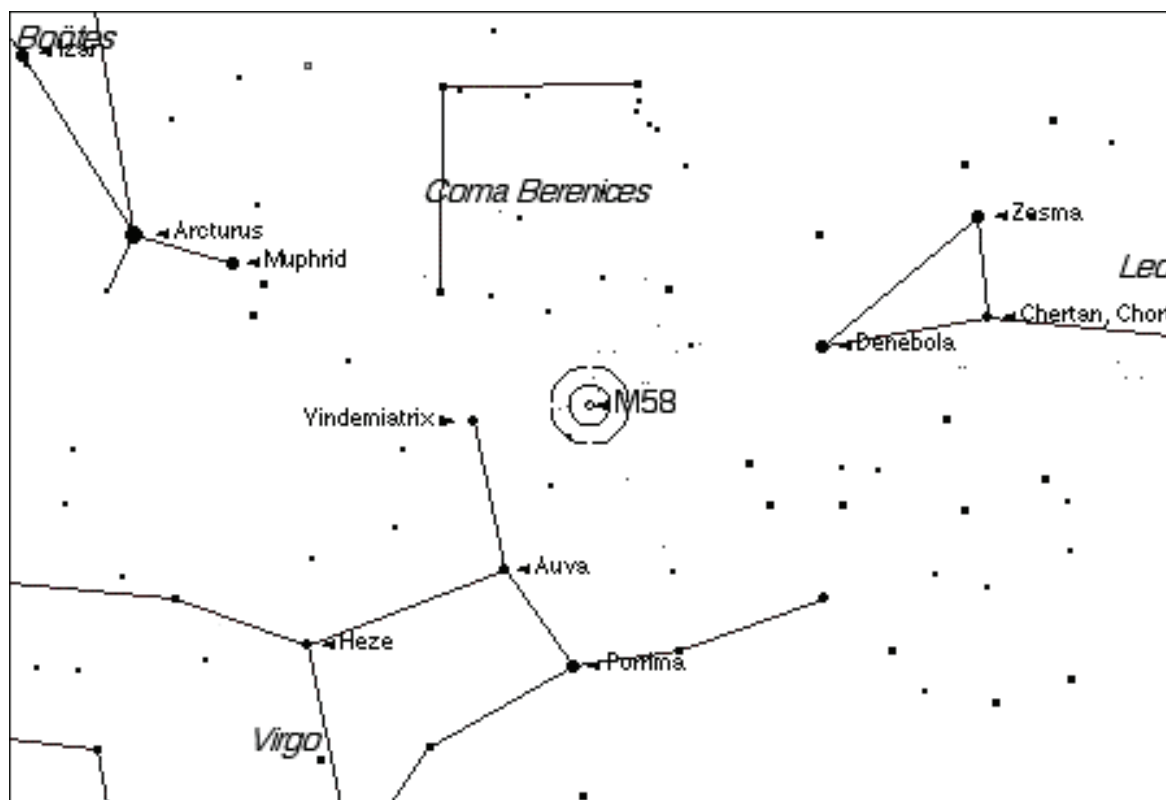
Equipment

Sky Conditions Transparency Seeing

Session Notes

Observing Notes

Star charts created by Starmy 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

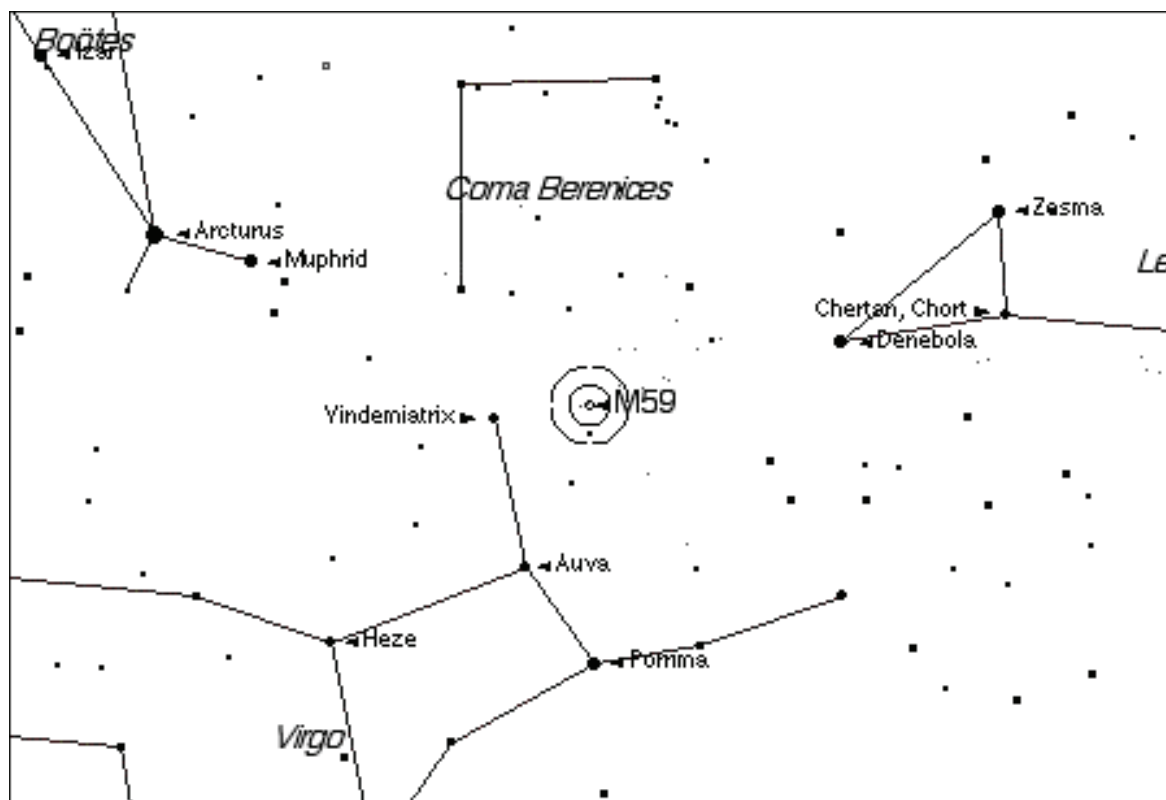
Equipment

Sky Conditions Transparency Seeing

Session Notes

Observing Notes

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



The Ultimate Messier Object Log

Messier # M060

NGC 4649

Seen? ☐

Date seen

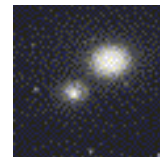
Type Elliptical Galaxy

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

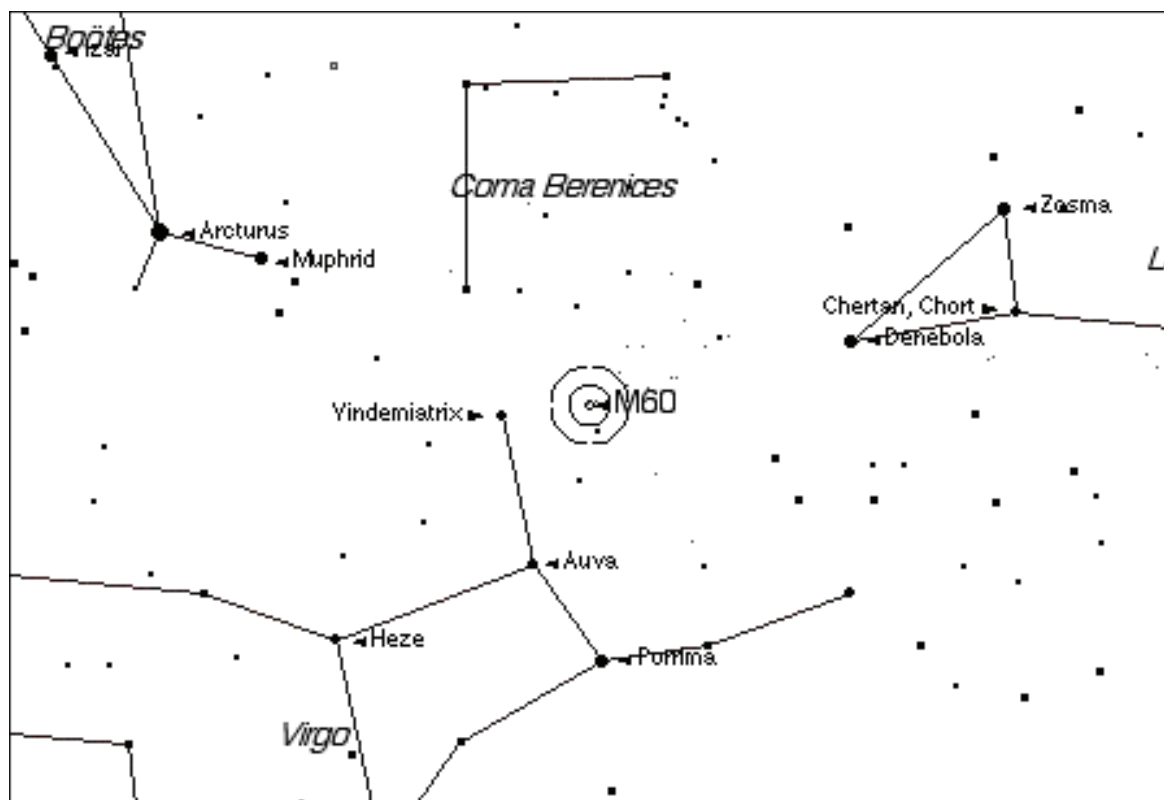
Sky Conditions Transparency

Seeing

Session Notes

Observing Notes

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



The Ultimate Messier Object Log

Messier # M061

NGC 4303

Seen? ☐

Date seen

Type Spiral Galaxy

Magnitude

Name (if any) N/A

10.5

Constellation Virgo



Marathon Order # 64

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

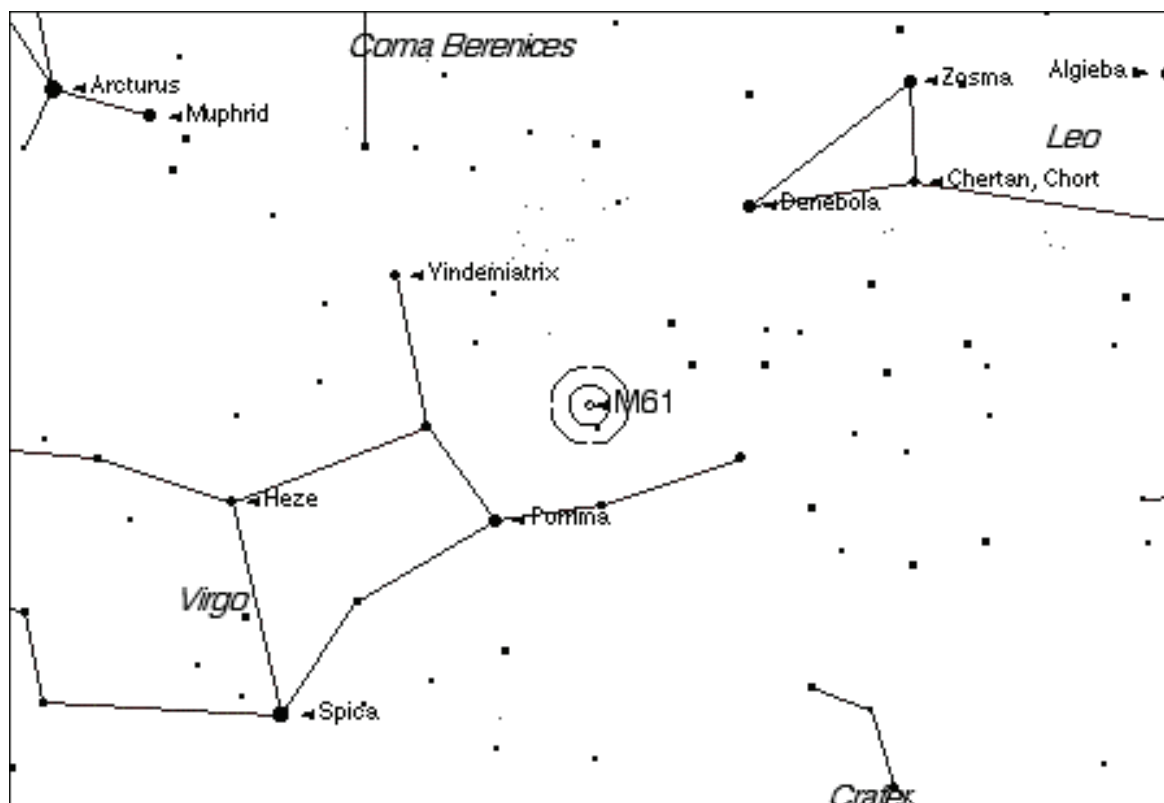
Sky Conditions Transparency

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

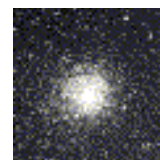
Type Globular Cluster

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

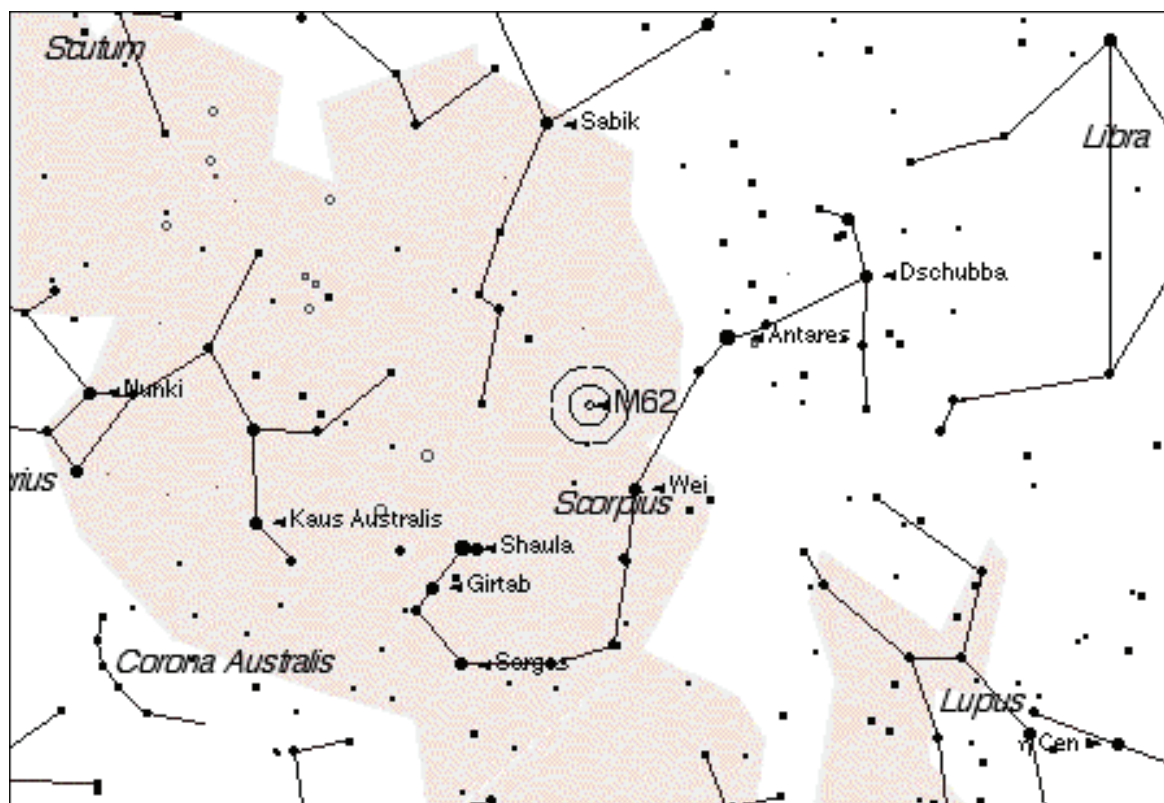
Transparency

Seeing

Session Notes

Observing Notes

Star charts created by Starmy 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

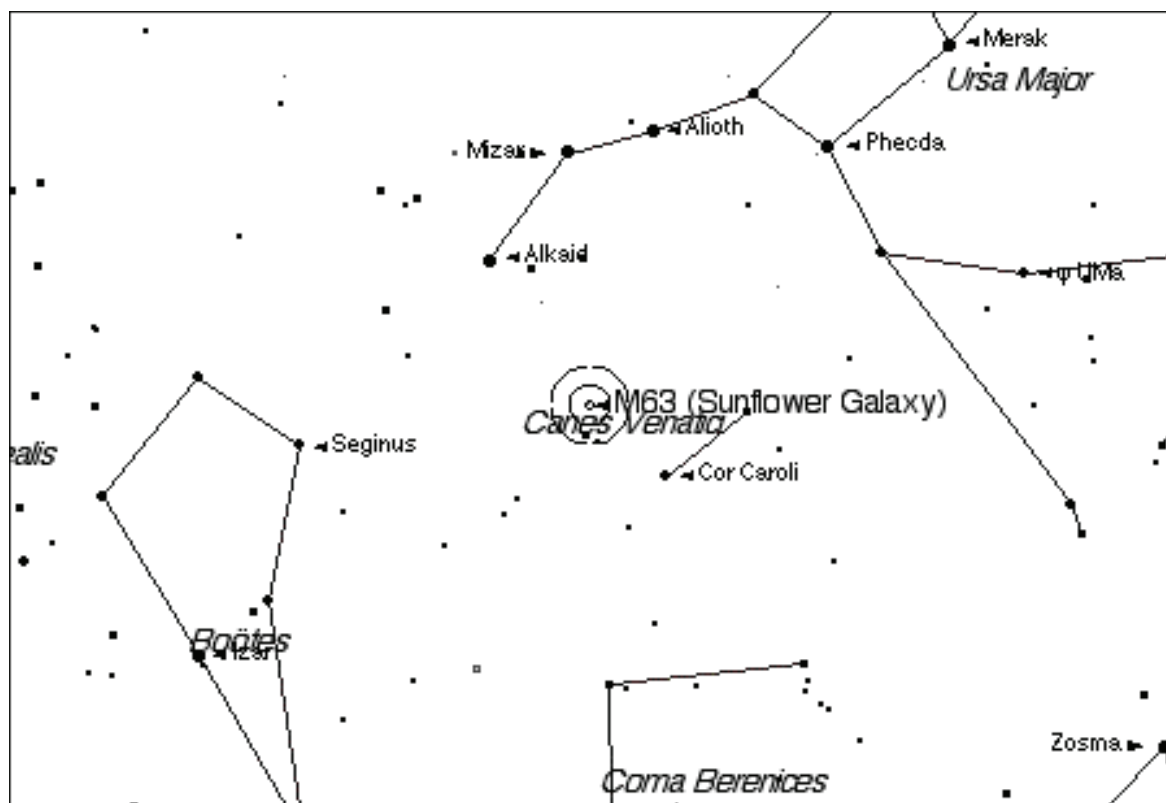
Transparency

Seeing

Session Notes

Observing Notes

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



The Ultimate Messier Object Log

Messier # M064

NGC 4826

Seen? ☐

Date seen

Type Spiral Galaxy

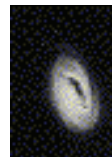
Magnitude

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

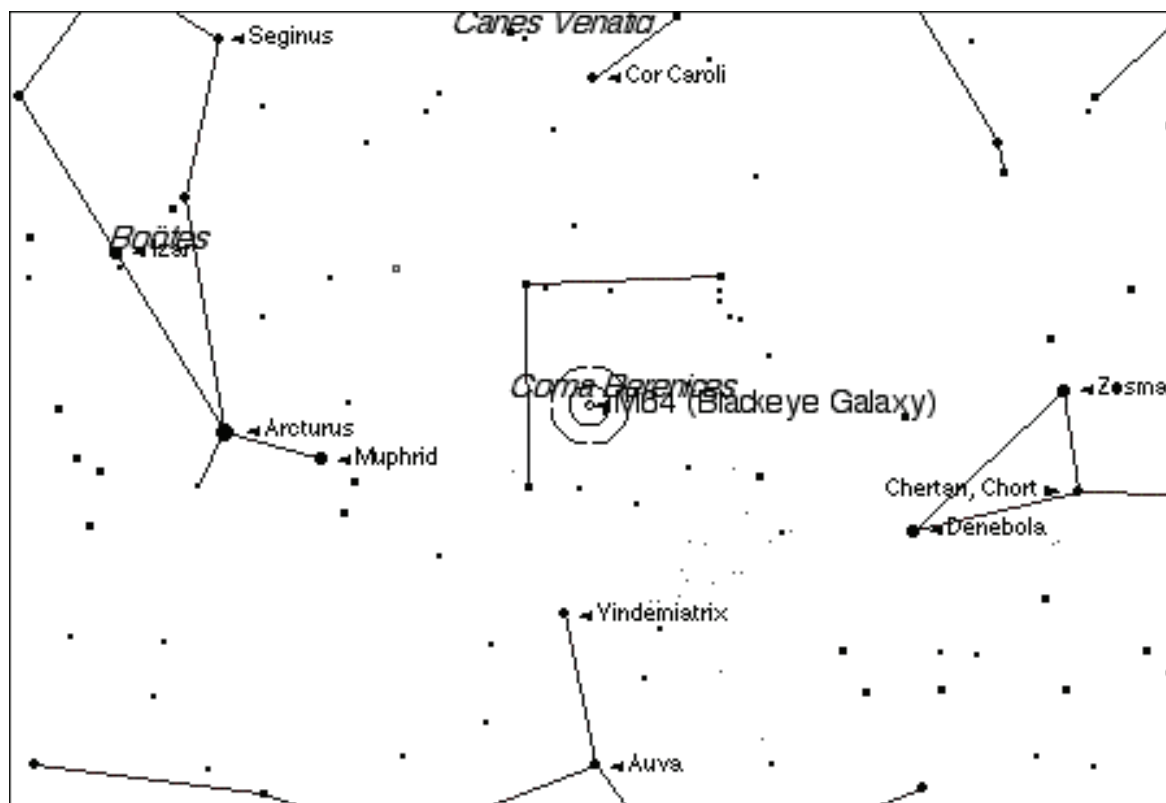
Equipment

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

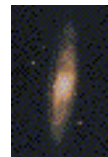
Type Spiral Galaxy

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

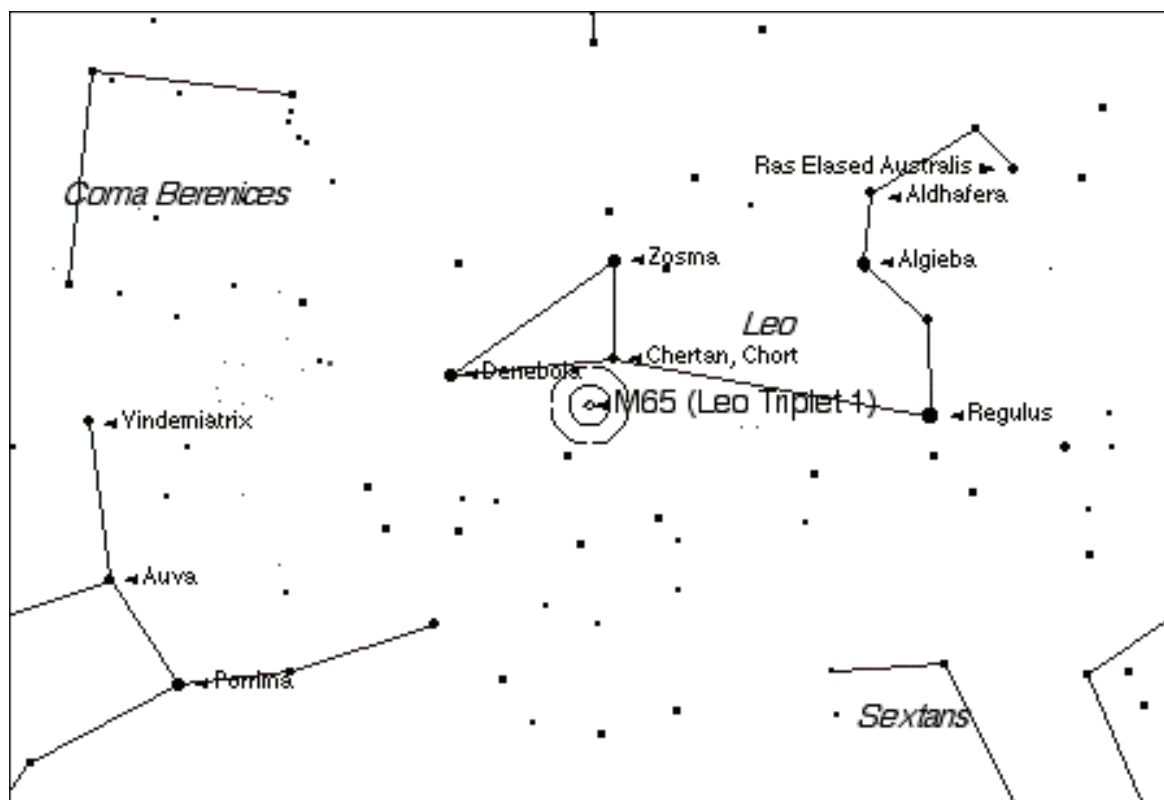
Sky Conditions Transparency

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

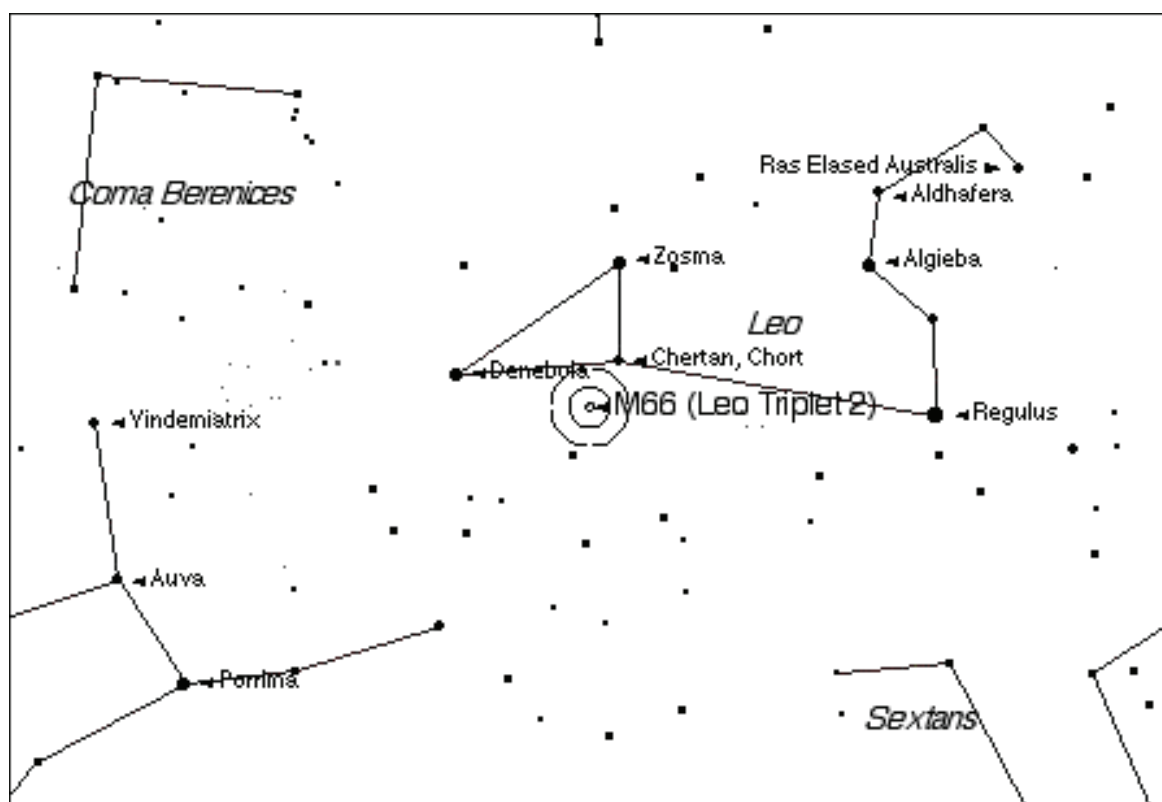
Sky Conditions Transparency

Seeing

Session Notes

Observing Notes

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



The Ultimate Messier Object Log

Messier # M067

NGC 2628

Seen? ☐

Date seen

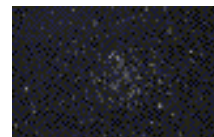
Type Open Cluster

Magnitude

Name (if any) N/A

7.5

Constellation Cancer



Marathon Order # 28

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

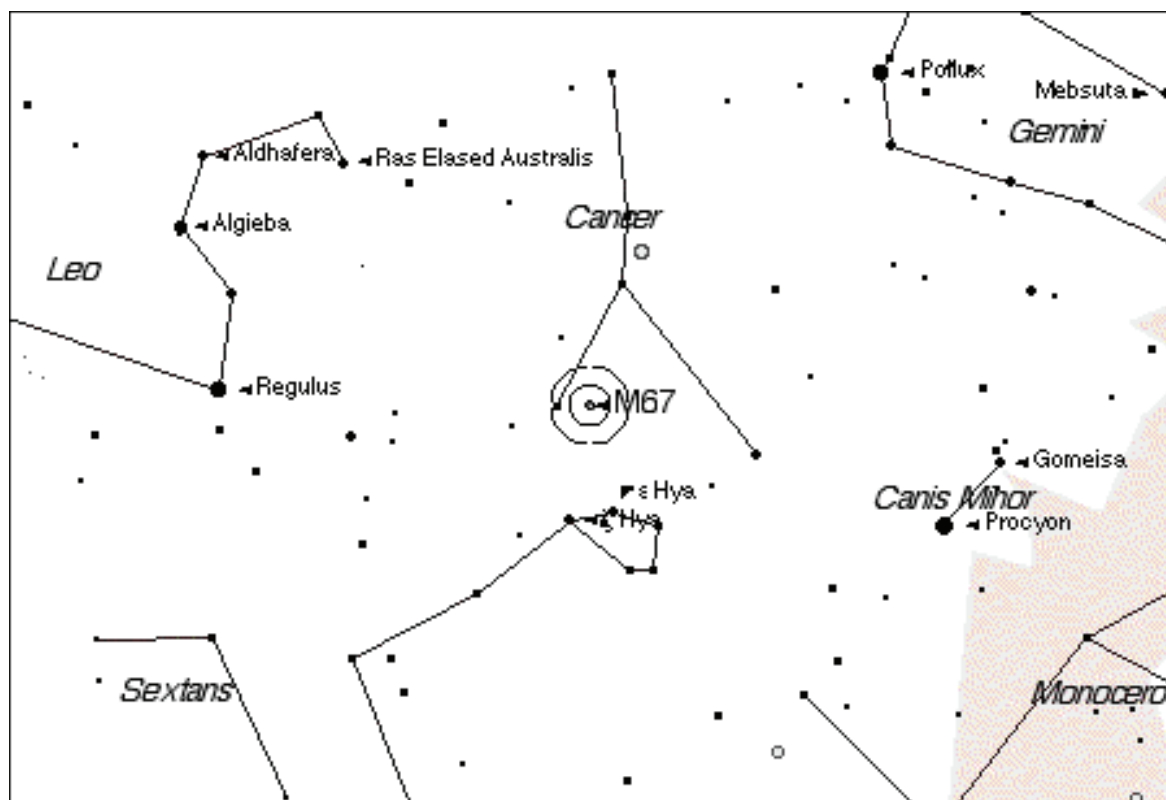
Equipment

Sky Conditions Transparency Seeing

Session Notes

Observing Notes

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



The Ultimate Messier Object Log

Messier # M068

NGC 4590

Seen? ☐

Date seen

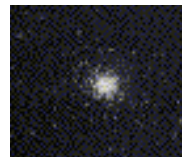
Type Globular Cluster

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

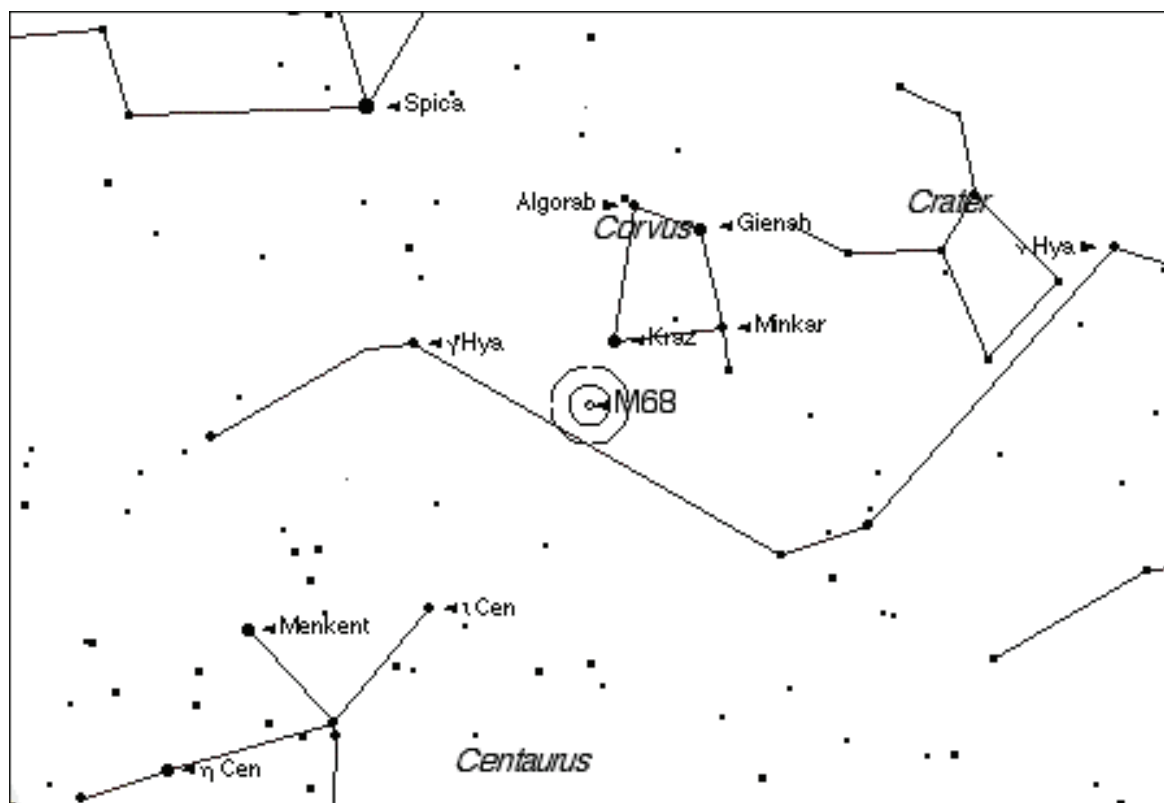
Transparency

Seeing

Session Notes

Observing Notes

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



The Ultimate Messier Object Log

Messier # M069

NGC 6637

Seen? ☐

Date seen

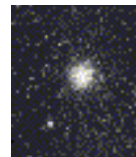
Type Globular Cluster

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

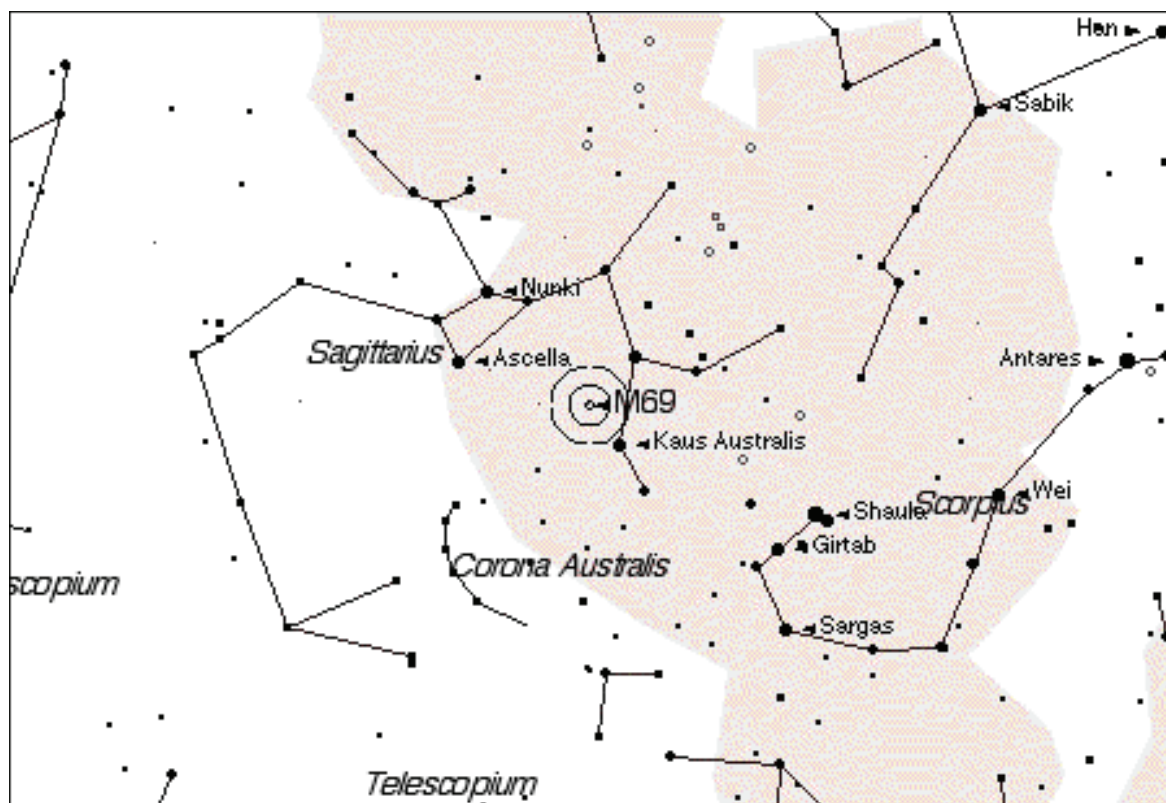
Sky Conditions Transparency

Seeing

Session Notes

Observing Notes

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



The Ultimate Messier Object Log

Messier # M070

NGC 6681

Seen? ☐

Date seen

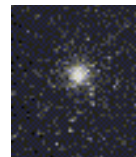
Type Globular Cluster

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

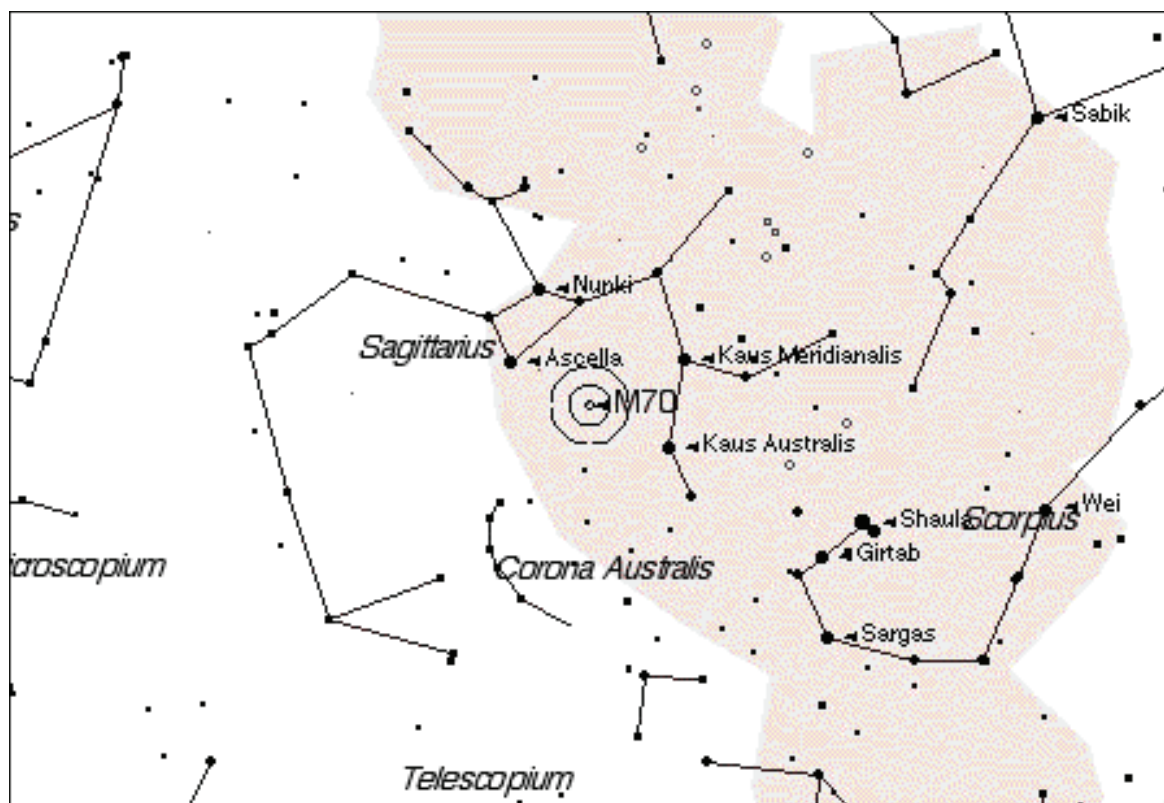
Equipment

Sky Conditions Transparency Seeing

Session Notes

Observing Notes

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



The Ultimate Messier Object Log

Messier # M071

NGC 6838

Seen? ☐

Date seen

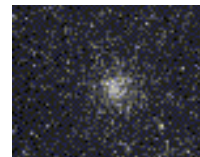
Type Globular Cluster

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

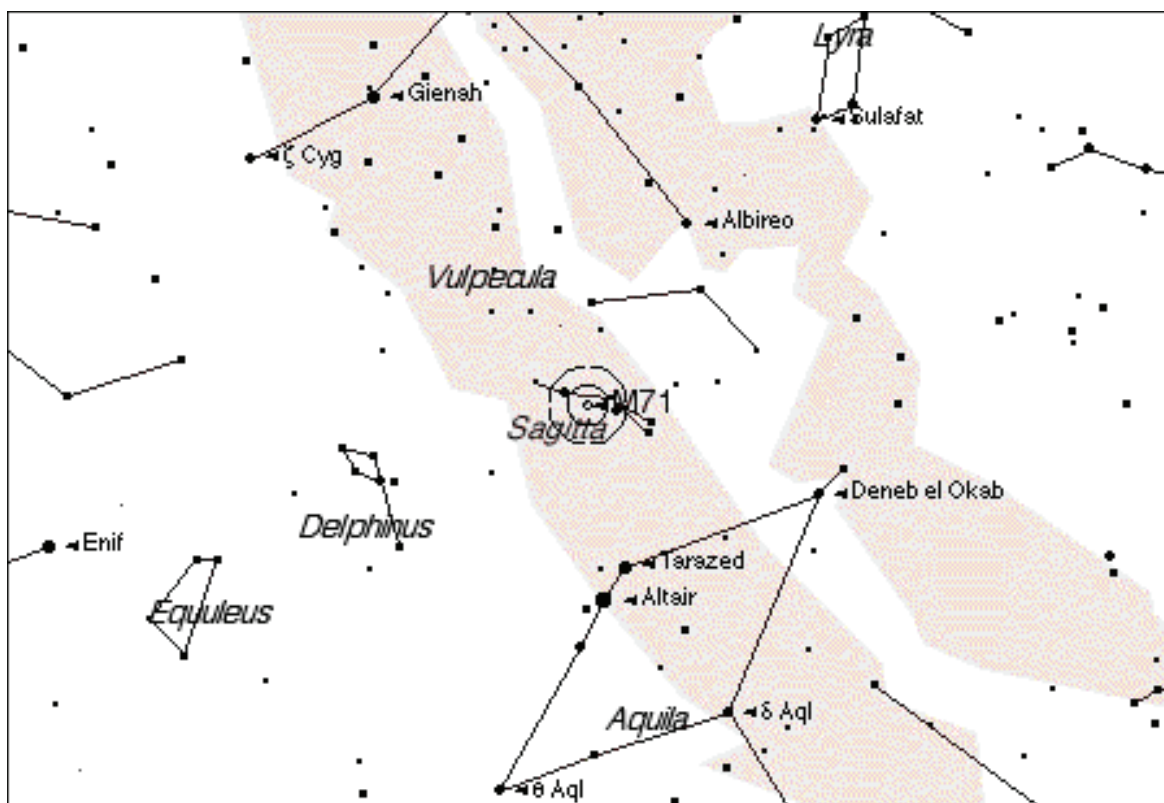
Equipment

Sky Conditions Transparency Seeing

Session Notes

Observing Notes

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



The Ultimate Messier Object Log

Messier # M072

NGC 6981

Seen? ☐

Date seen

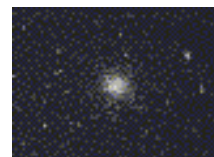
Type Globular Cluster

Magnitude

Name (if any) N/A

10.0

Constellation Aquarius



Marathon Order # 108

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

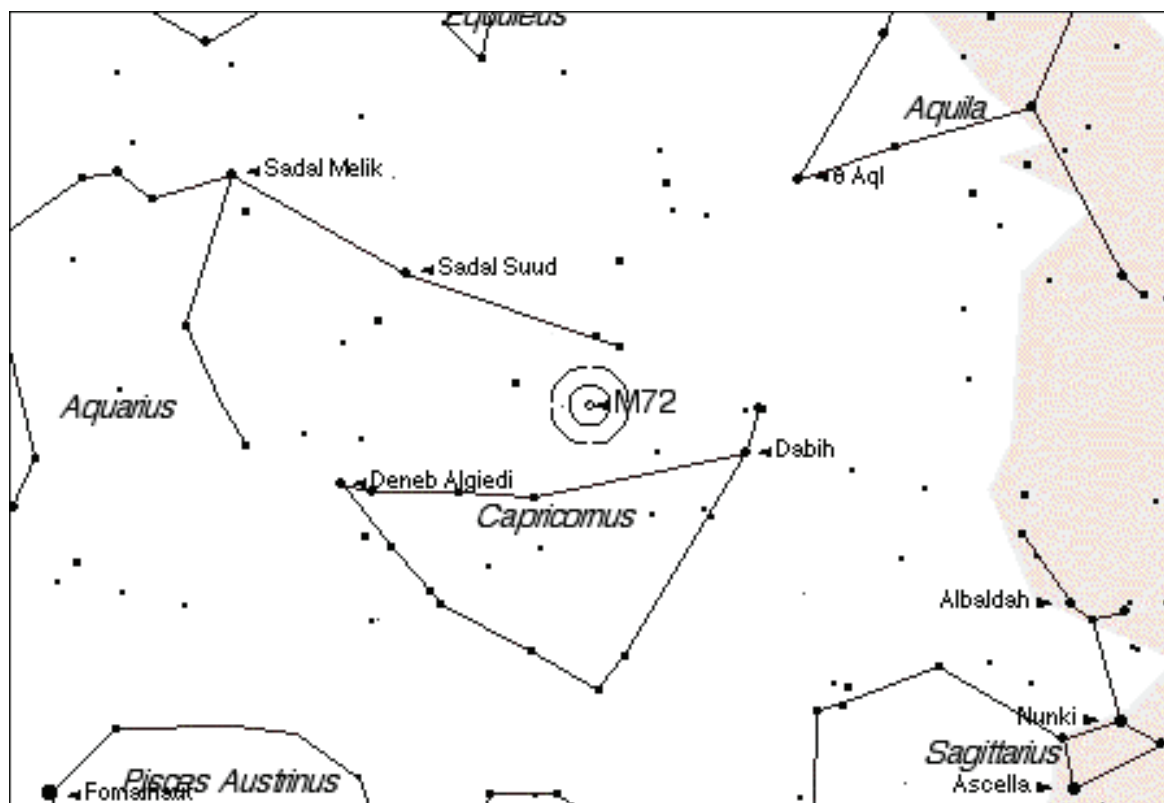
Sky Conditions Transparency

Seeing

Session Notes

Observing Notes

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



The Ultimate Messier Object Log

Messier # M073

NGC 6994

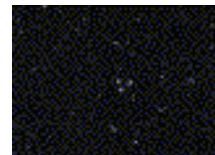
Seen? ☐

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

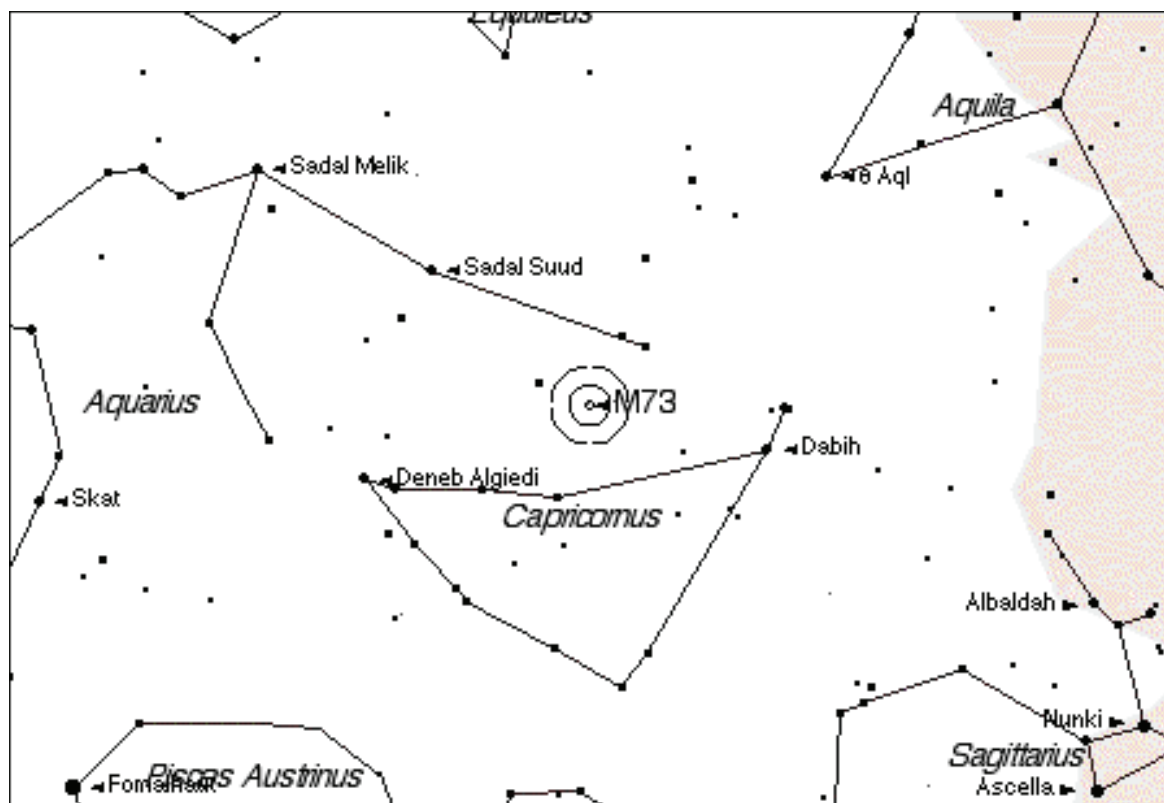
Transparency

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

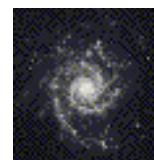
Type Spiral Galaxy

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

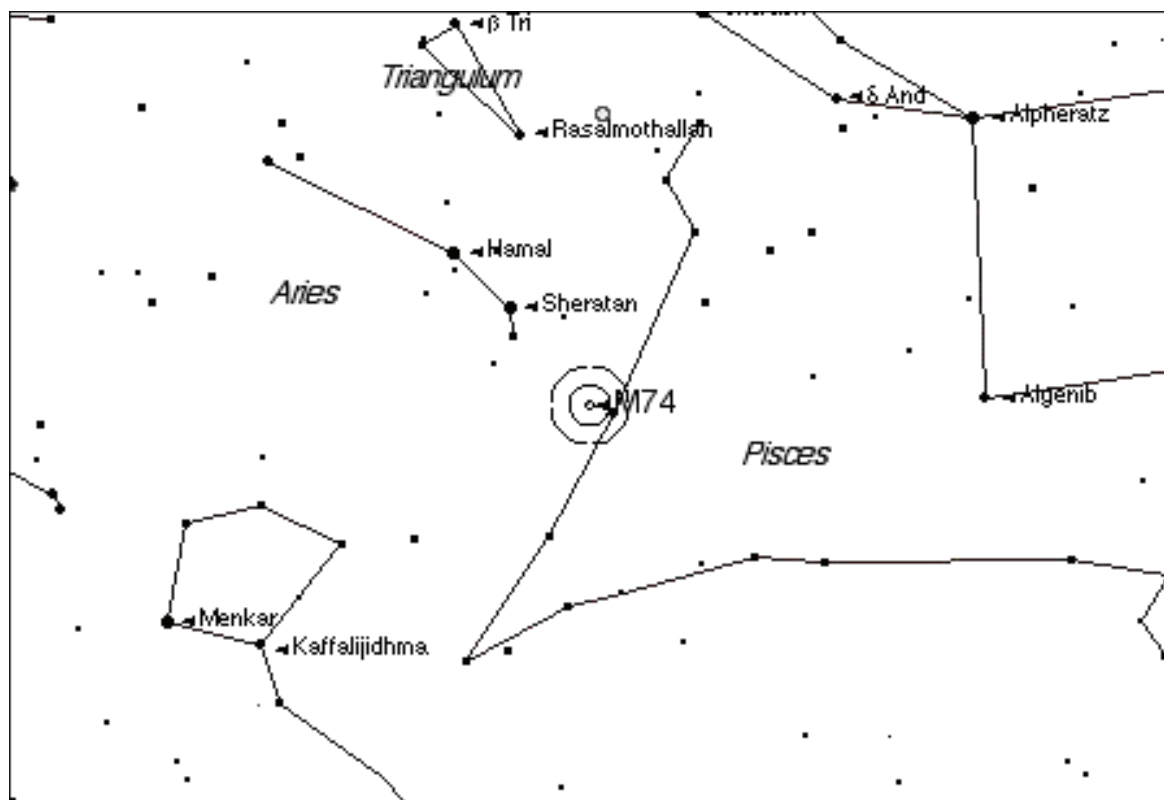
Equipment

Sky Conditions Transparency Seeing

Session Notes

Observing Notes

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



The Ultimate Messier Object Log

Messier # M075

NGC 6864

Seen? ☐

Date seen

Type Globular Cluster

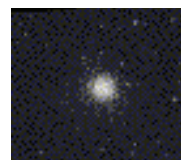
Magnitude

Name (if any) N/A

9.5

Constellation Sagittarius

Marathon Order # 105



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

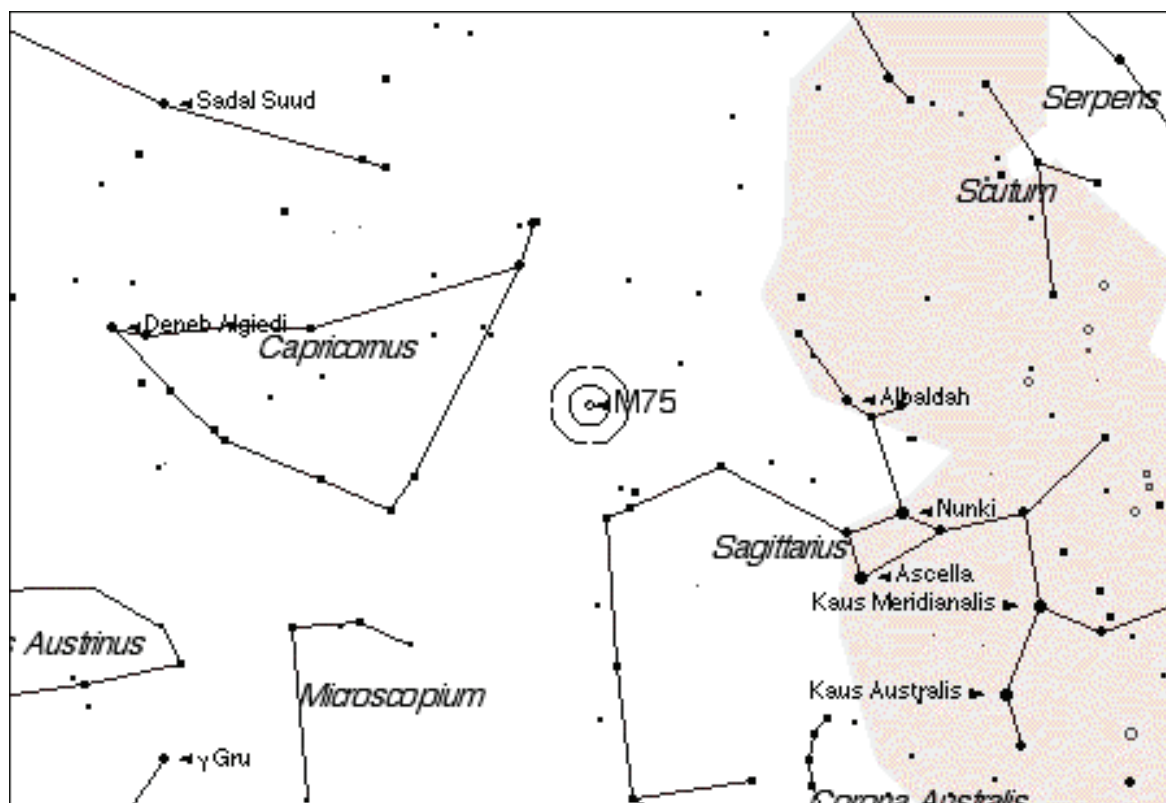
Equipment

Sky Conditions Transparency Seeing

Session Notes

Observing Notes

Star charts created by Starmy 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

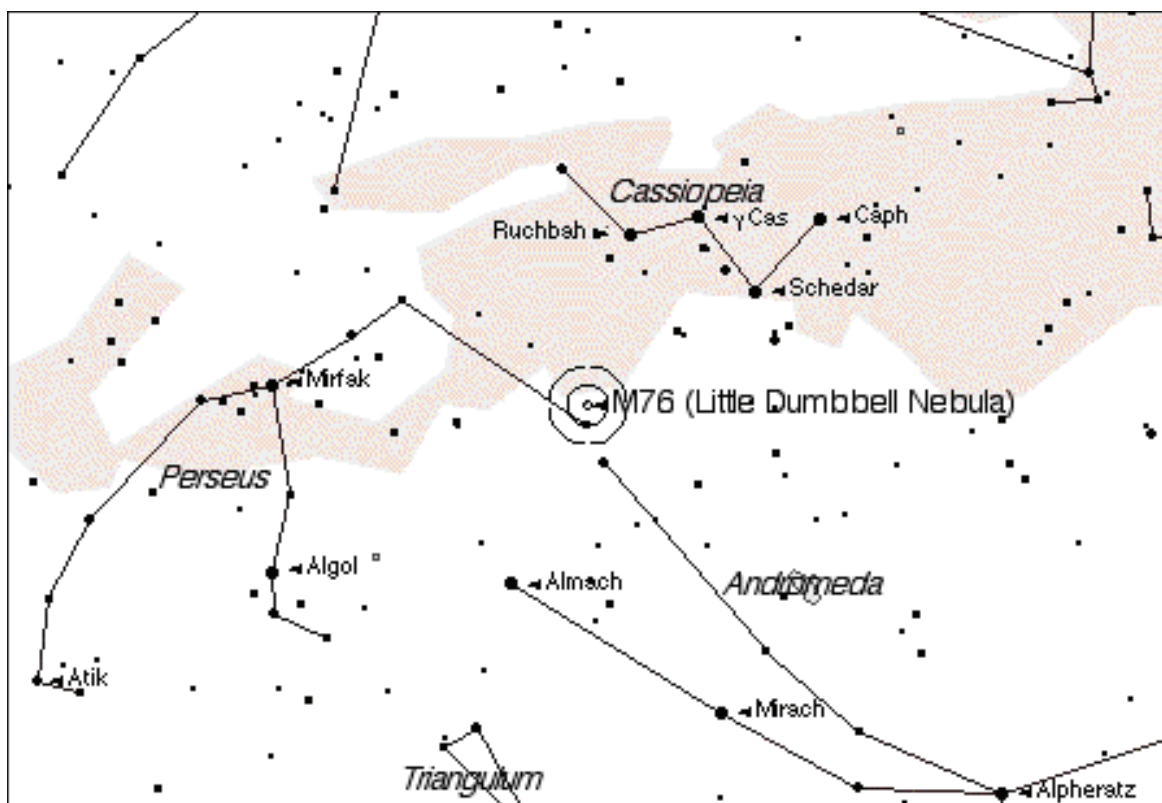
Transparency

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

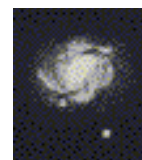
Type Spiral Galaxy

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

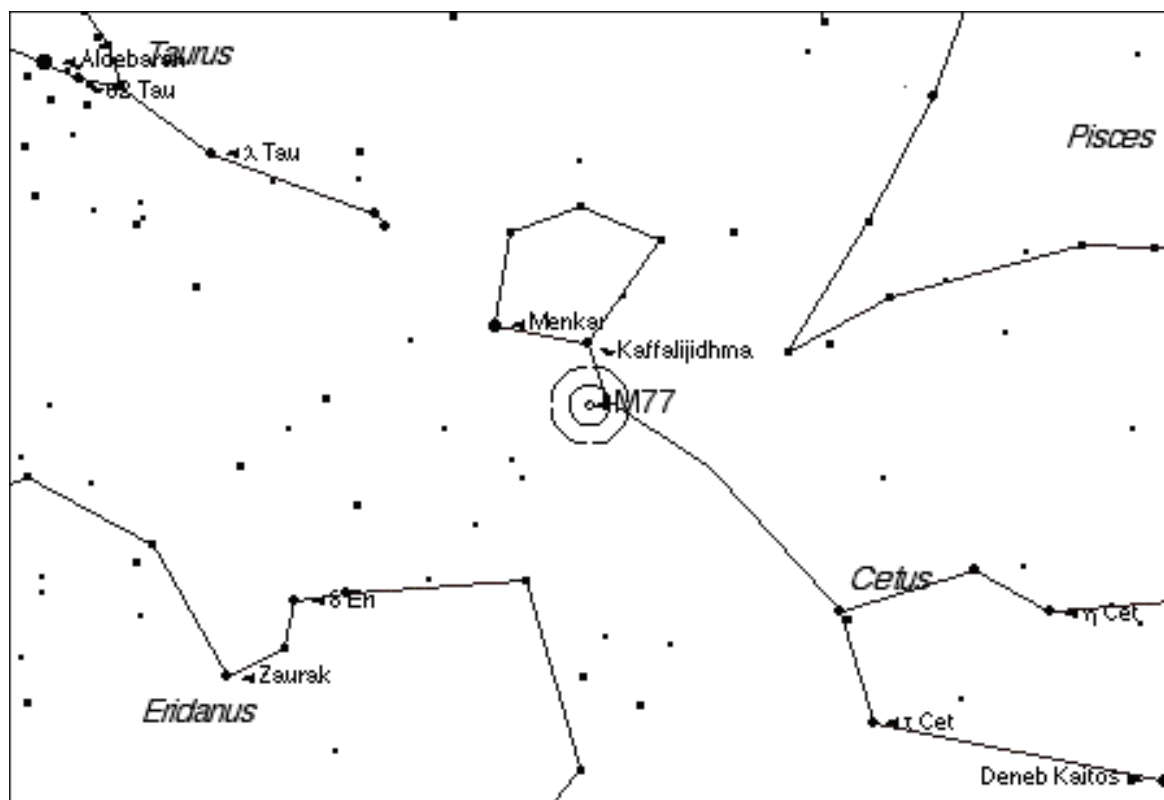
Equipment

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

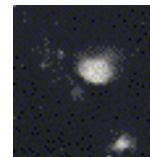
Type Diffuse Nebula

Magnitude

Name (if any) N/A

8.0

Constellation Orion



Marathon Order # 15

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

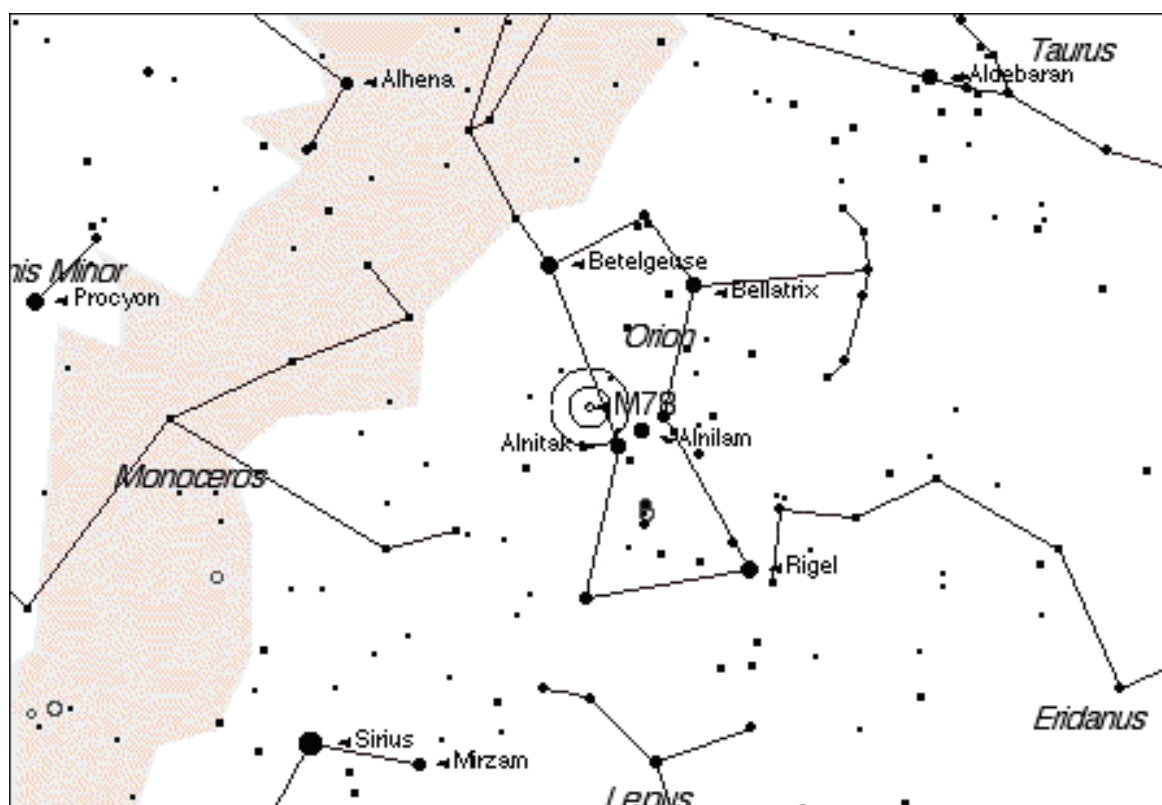
Equipment

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

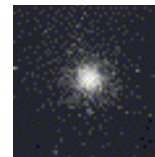
Type Globular Cluster

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

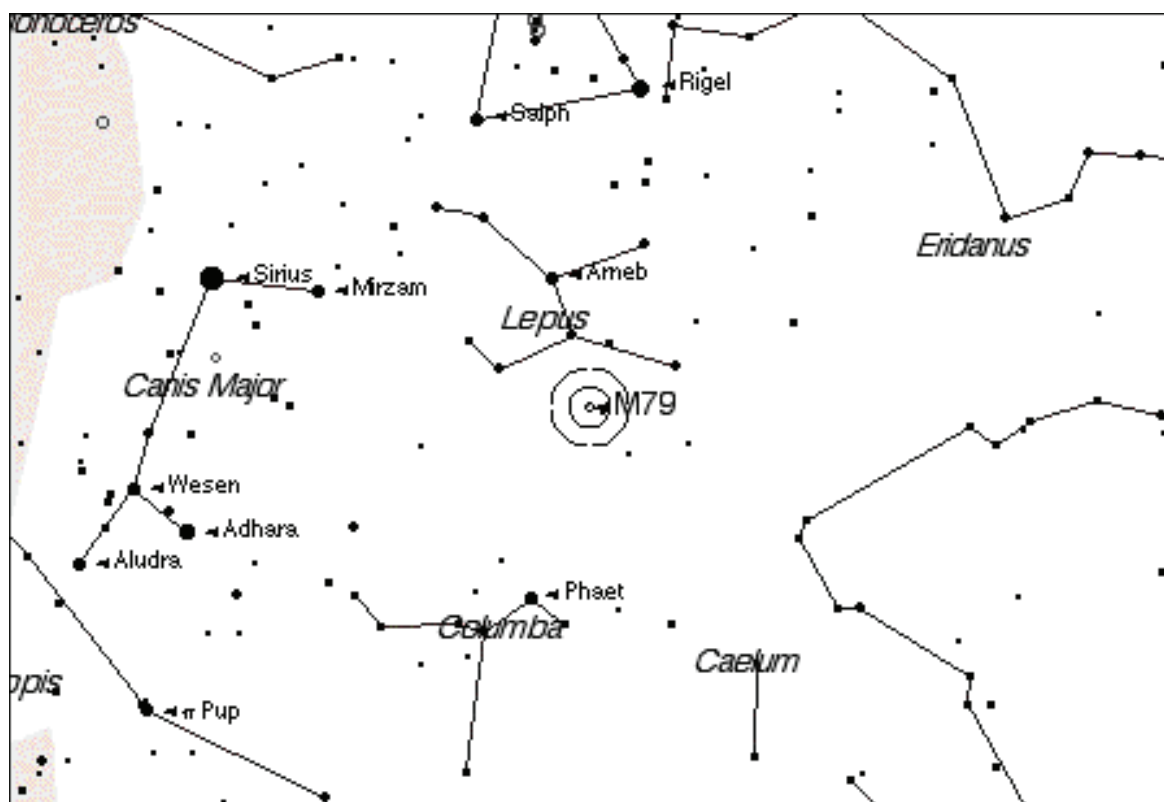
Equipment

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

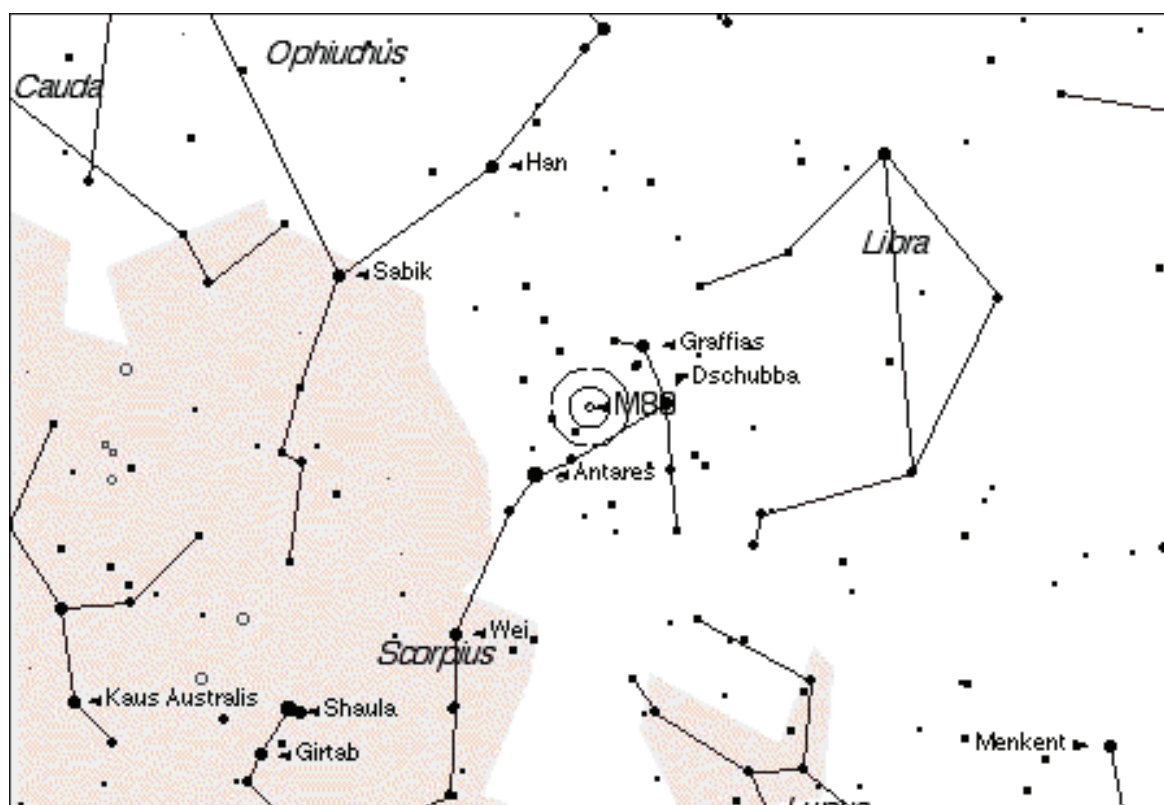
Transparency

Seeing

Session Notes

Observing Notes

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



The Ultimate Messier Object Log

Messier # M081

NGC 3031

Seen? ☐

Date seen

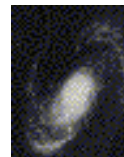
Type Spiral Galaxy

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

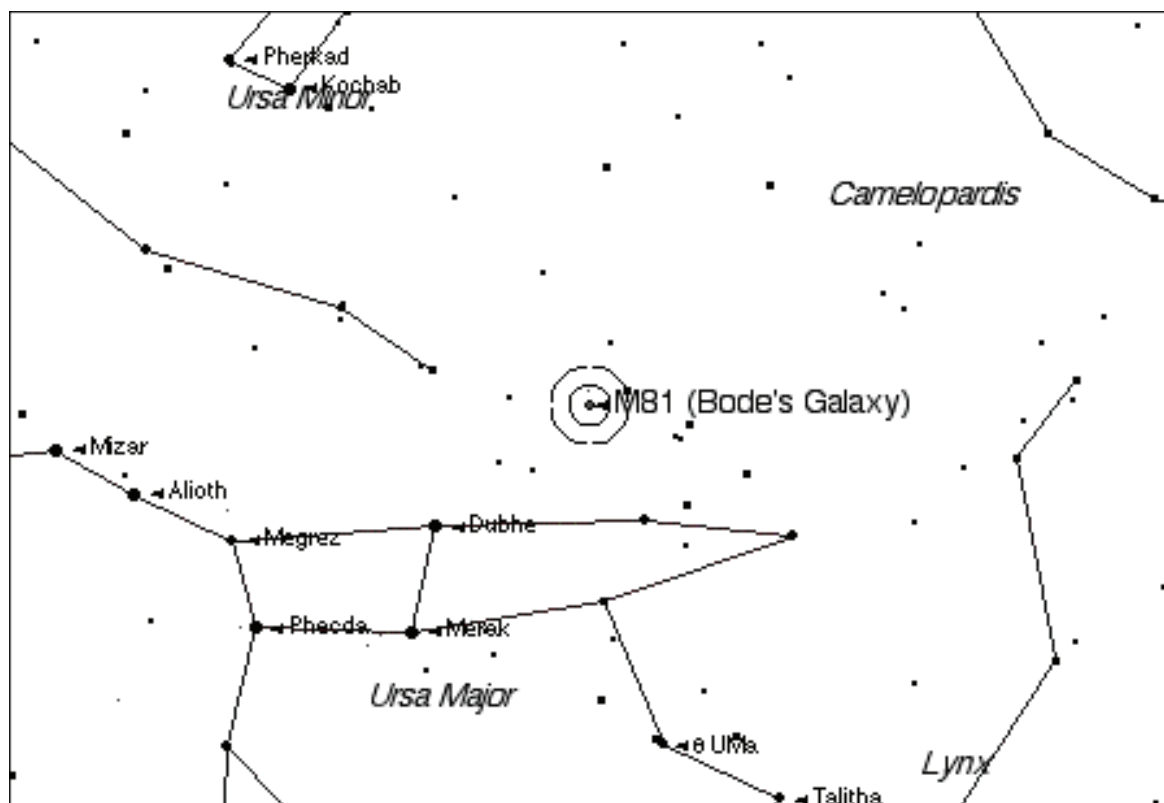
Transparency

Seeing

Session Notes

Observing Notes

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



The Ultimate Messier Object Log

Messier # M082

NGC 3034

Seen? ☐

Date seen

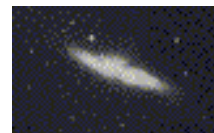
Type Irregular Galaxy

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

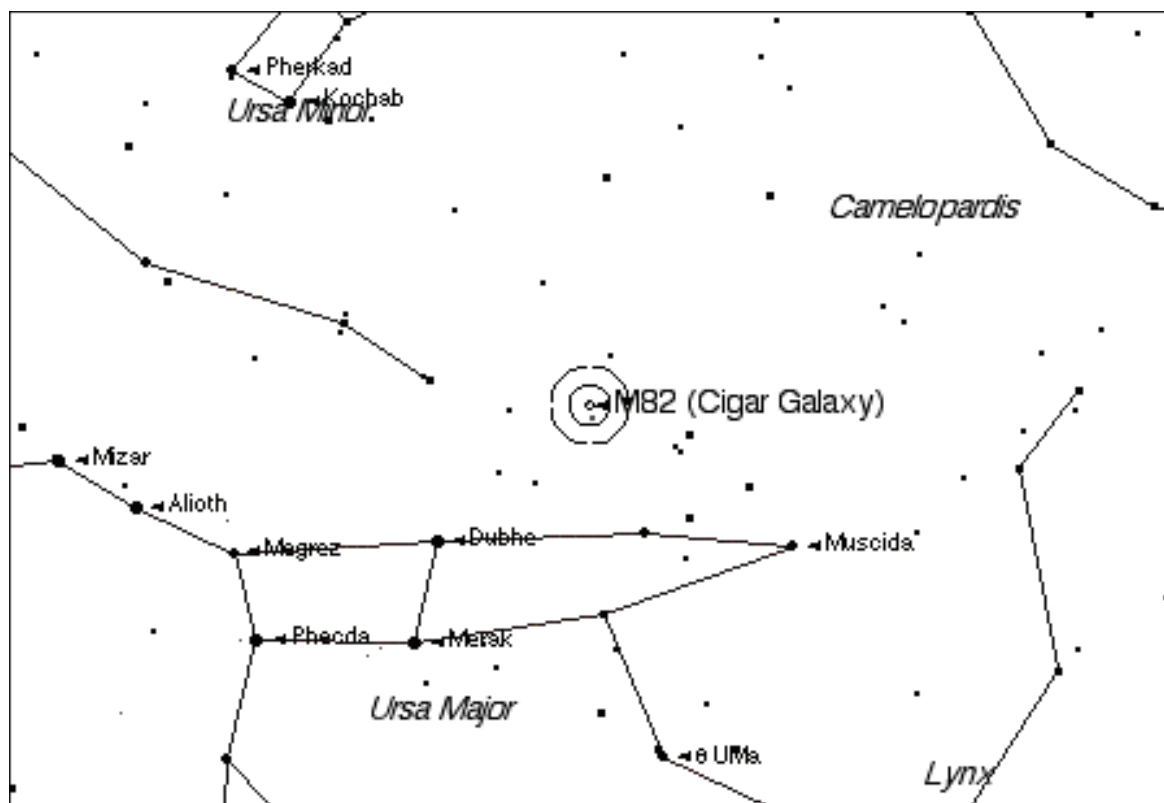
Transparency

Seeing

Session Notes

Observing Notes

Star charts created by Starmy 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

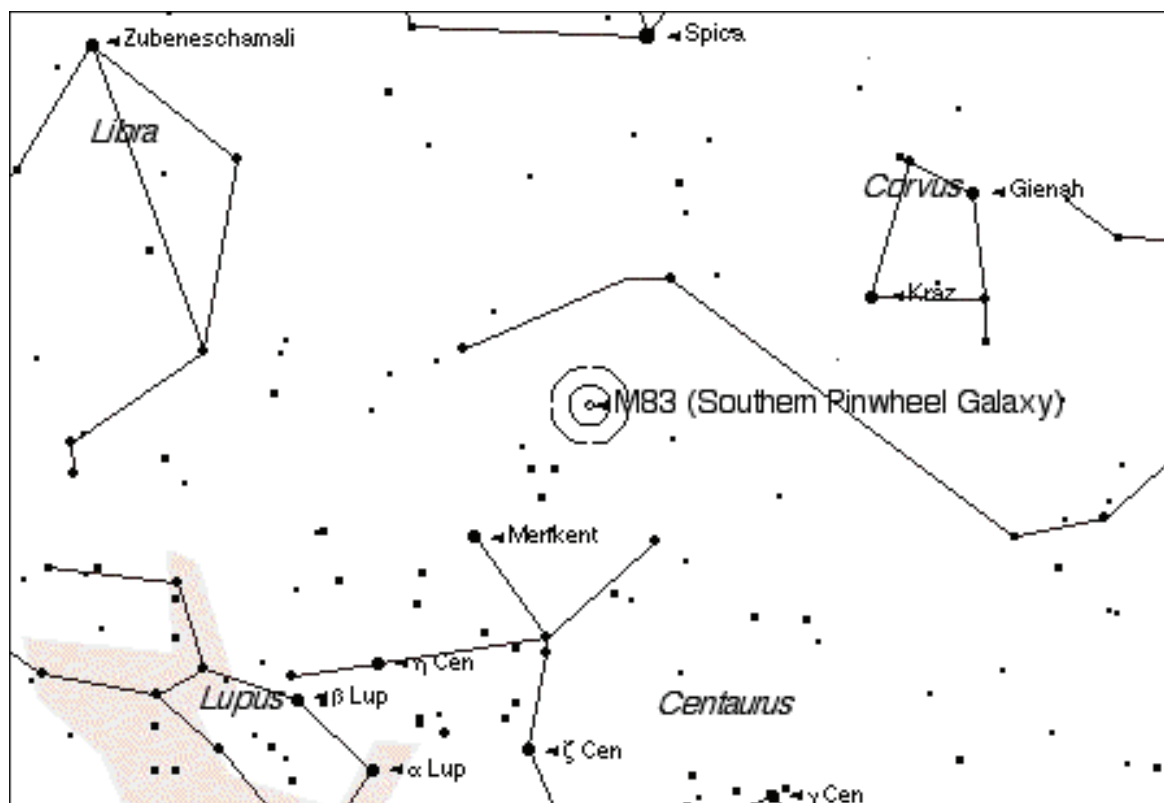
Equipment

Sky Conditions Transparency Seeing

Session Notes

Observing Notes

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



The Ultimate Messier Object Log

Messier # M084

NGC 4374

Seen? ☐

Date seen

Type Lenticular (S0) Galaxy

Magnitude

Name (if any) N/A

11.0

Constellation Virgo



Marathon Order # 53

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

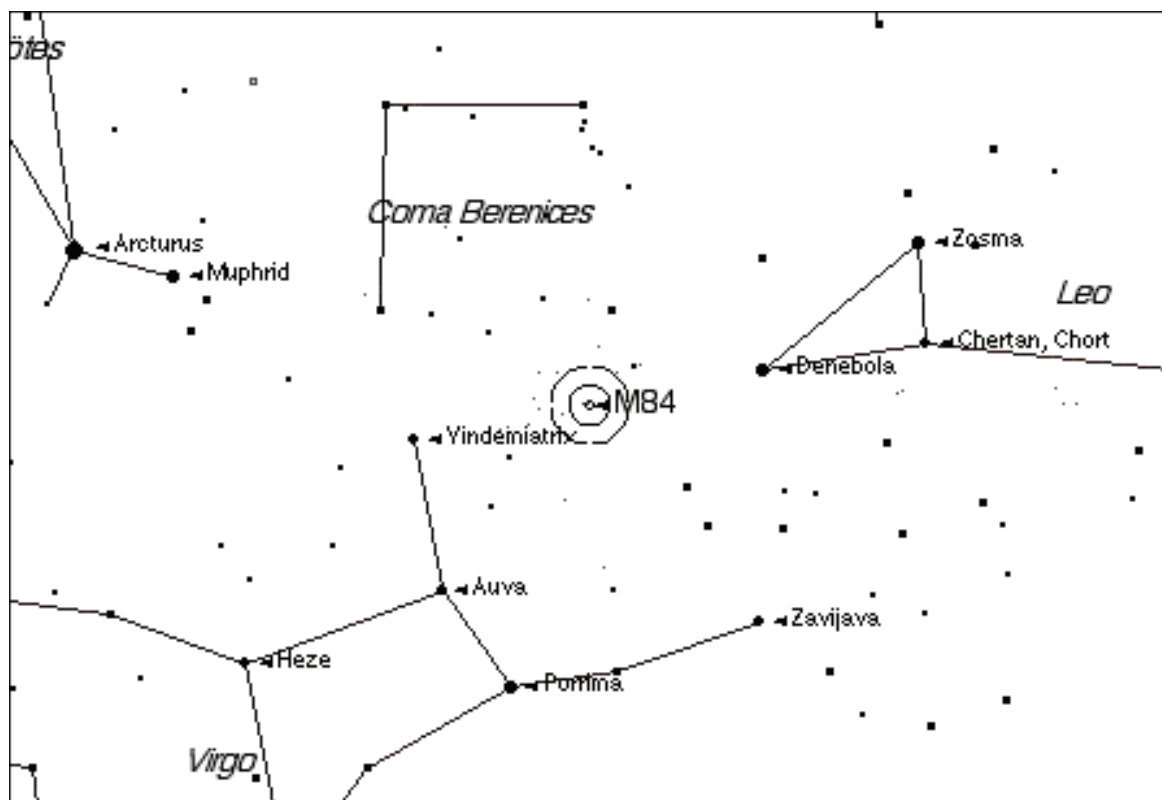
Equipment

Sky Conditions Transparency Seeing

Session Notes

Observing Notes

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



The Ultimate Messier Object Log

Messier # M085

NGC 4382

Seen? ☐

Date seen

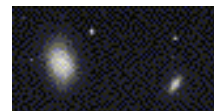
Type Lenticular (S0) Galaxy

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

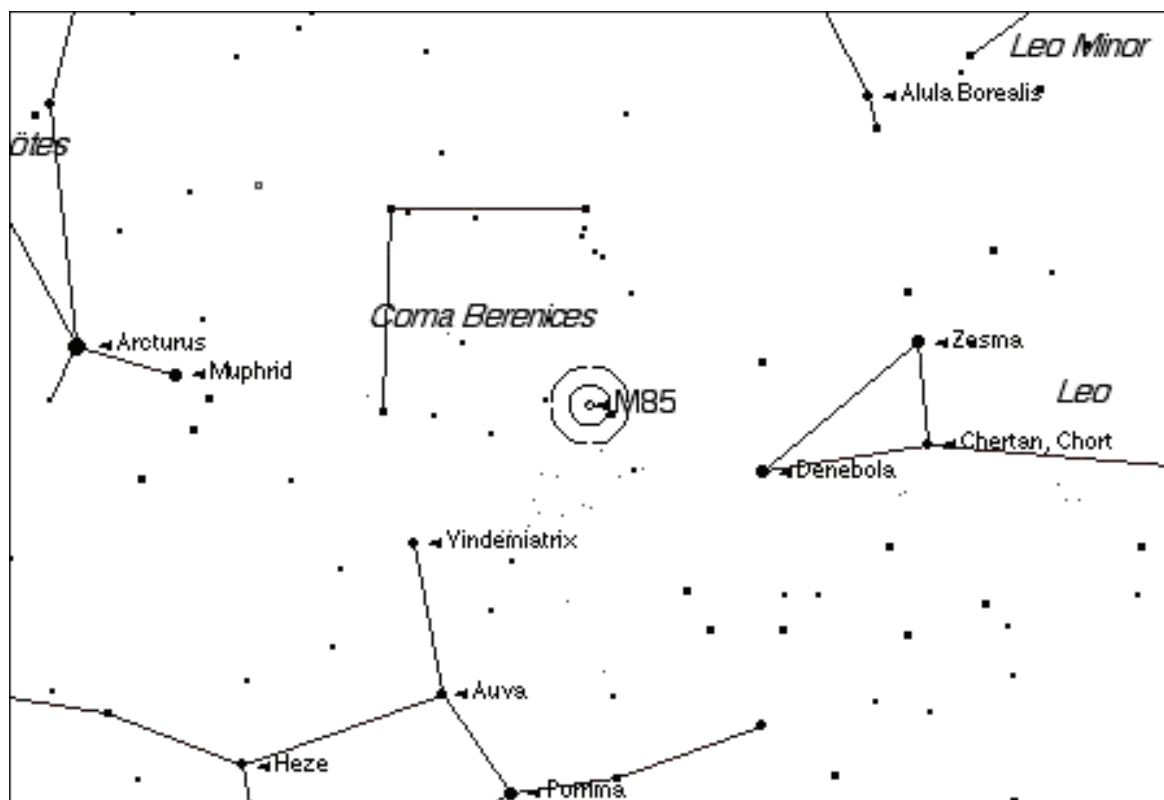
Equipment

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

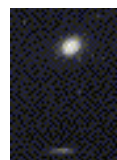
Magnitude

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

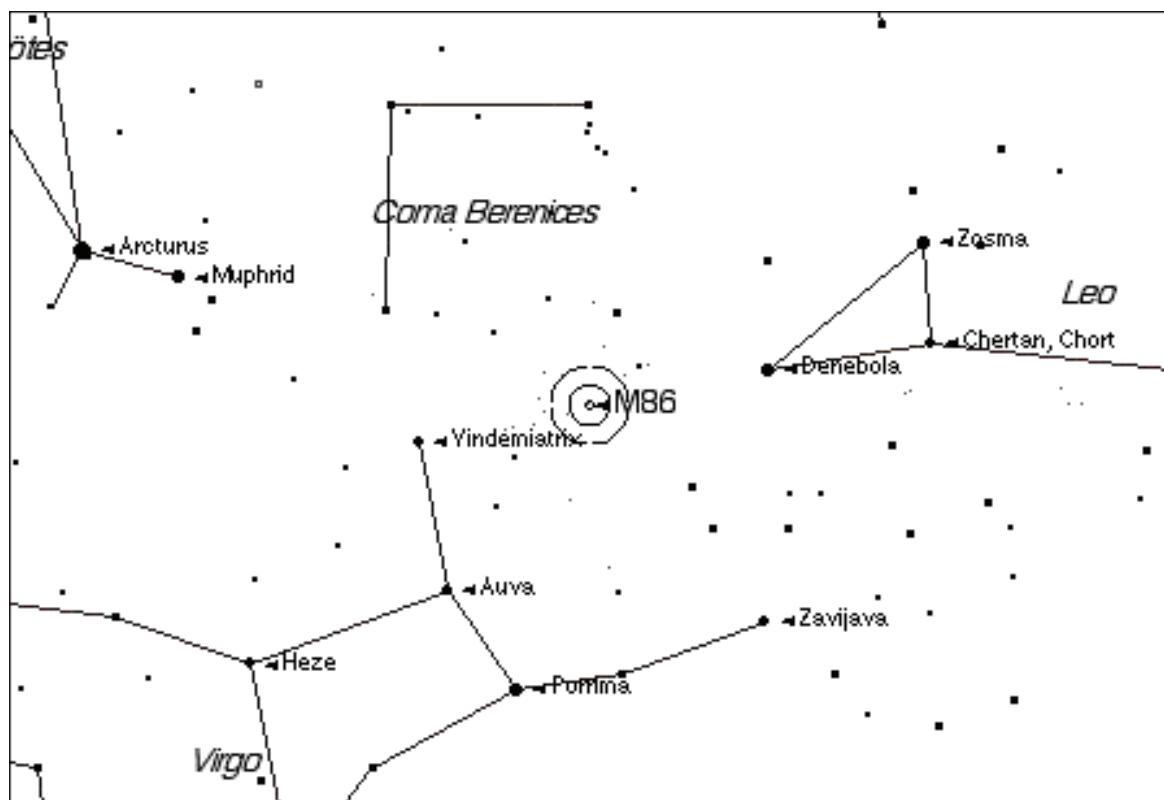
Sky Conditions Transparency

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

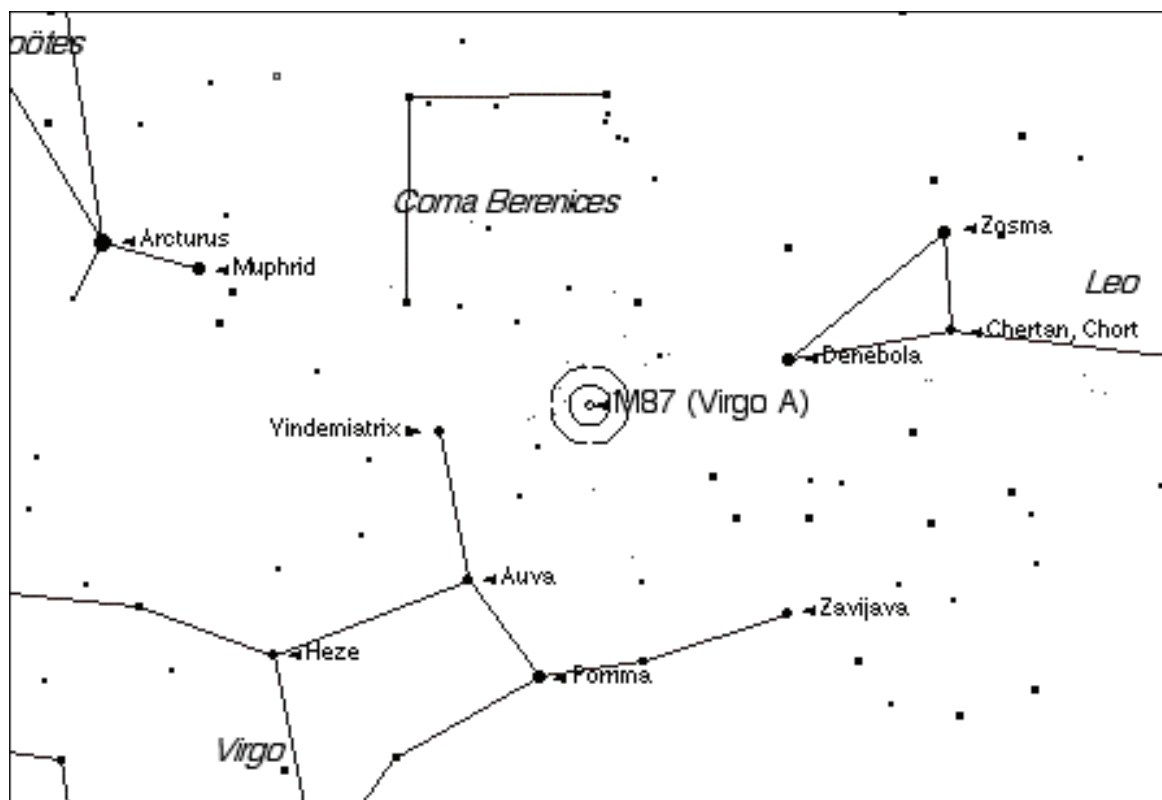
Equipment

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

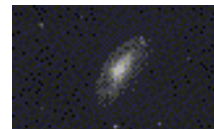
Type Spiral Galaxy

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

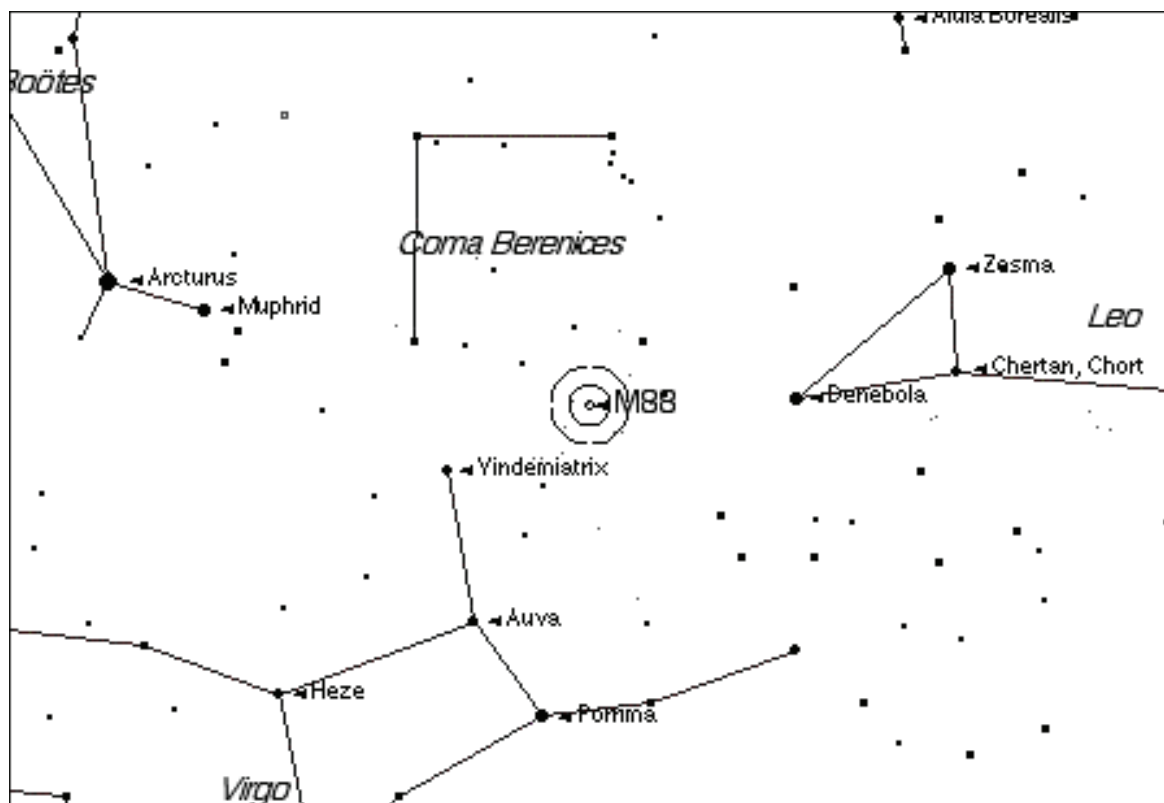
Equipment

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

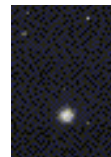
Type Elliptical Galaxy

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

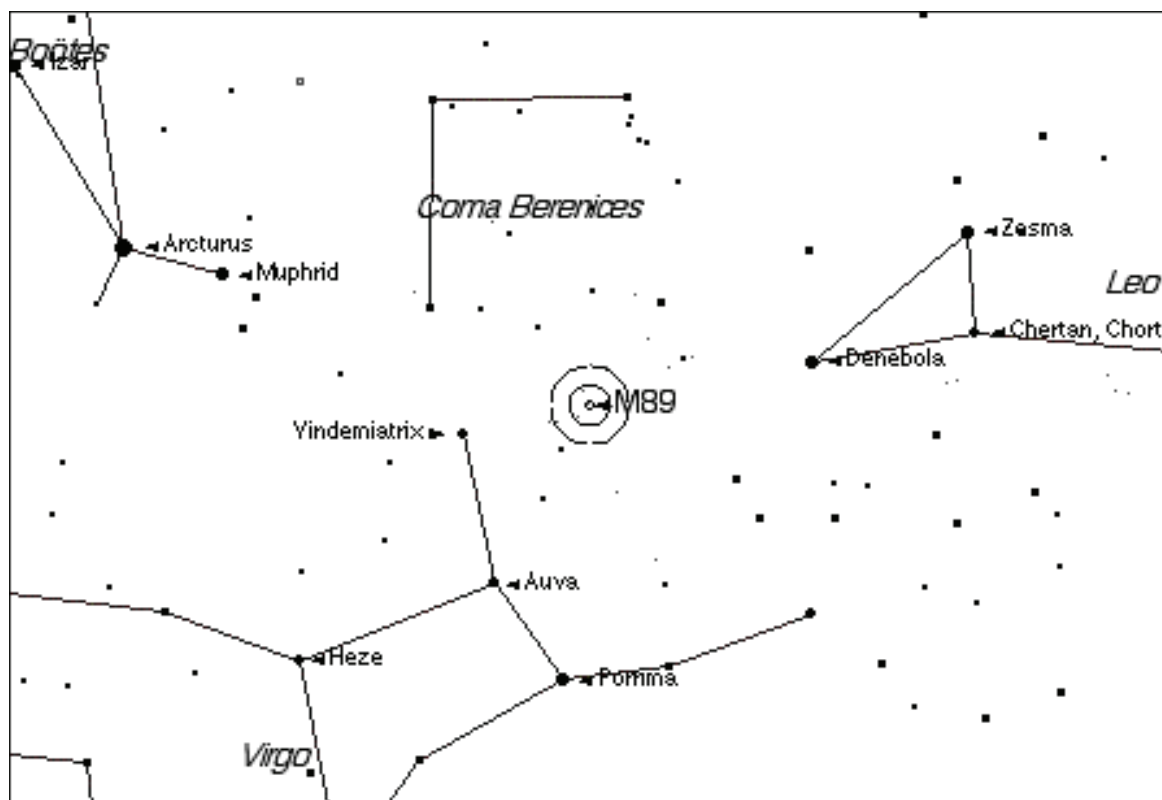
Equipment

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

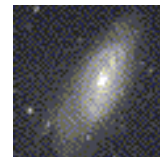
Type Spiral Galaxy

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

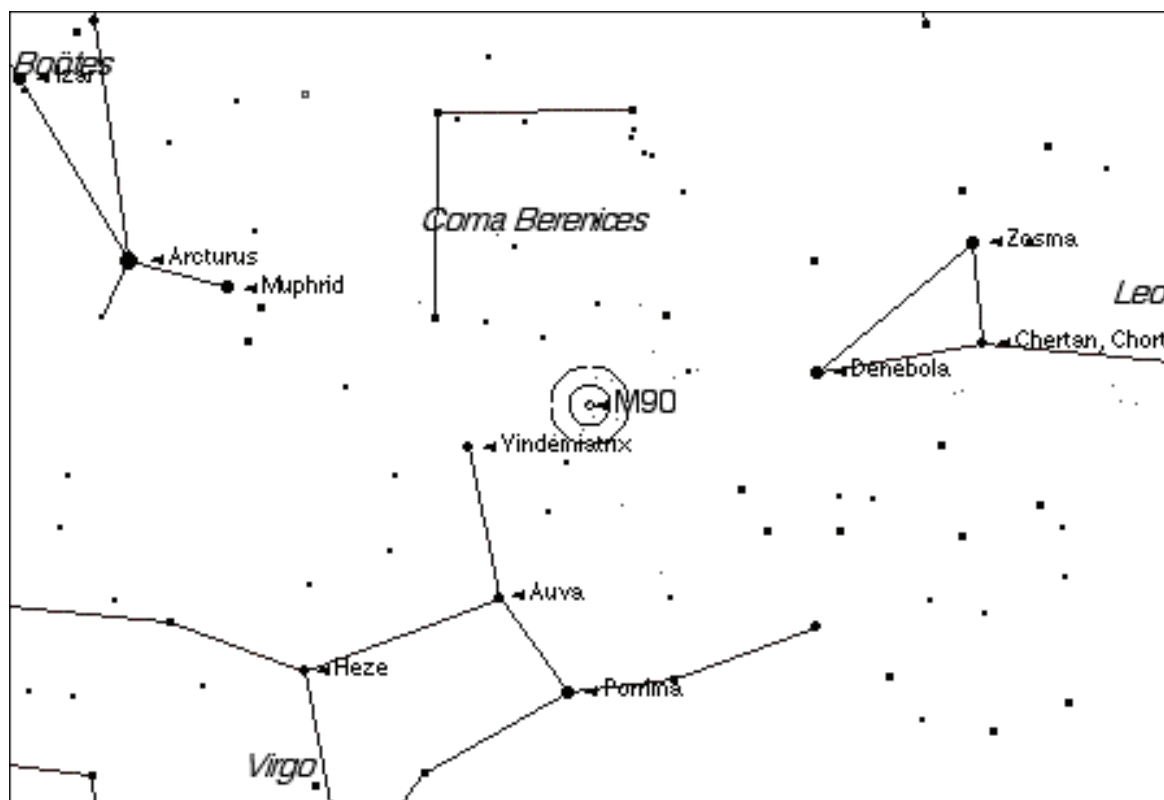
Equipment

Sky Conditions Transparency Seeing

Session Notes

Observing Notes

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



The Ultimate Messier Object Log

Messier # M091

NGC 4548

Seen? ☐

Date seen

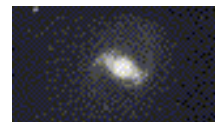
Type Spiral Galaxy

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

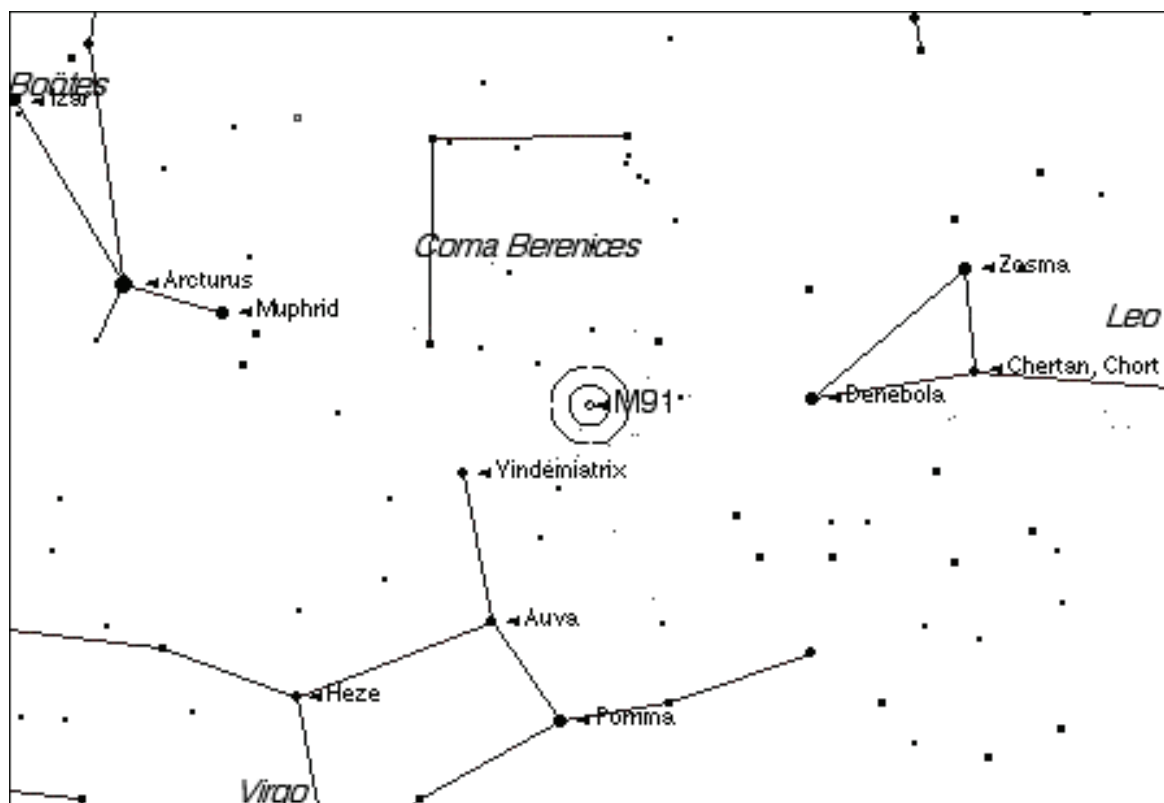
Equipment

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

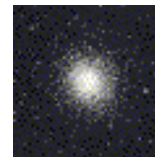
Type Globular Cluster

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

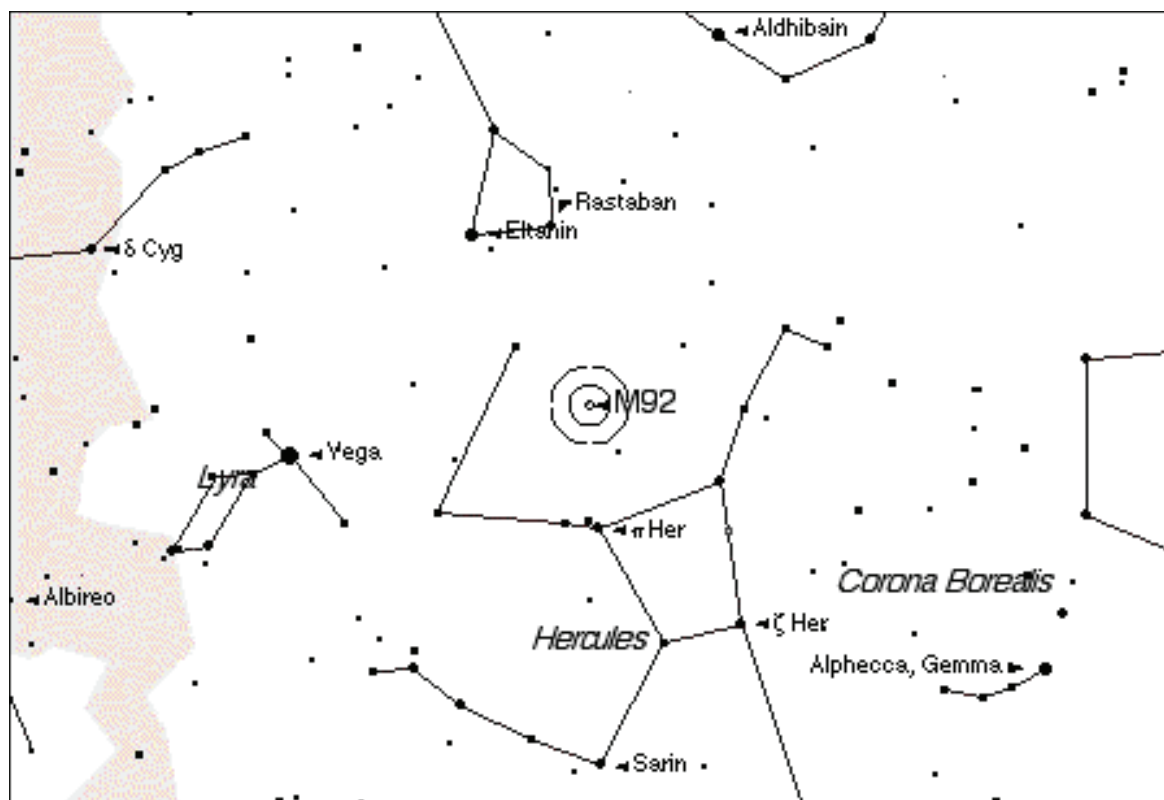
Sky Conditions Transparency

Seeing

Session Notes

Observing Notes

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



The Ultimate Messier Object Log

Messier # M093

NGC 2447

Seen? ☐

Date seen

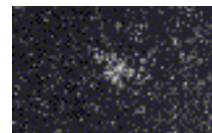
Type Open Cluster

Magnitude

Name (if any) N/A

6.5

Constellation Puppis



Marathon Order # 22

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

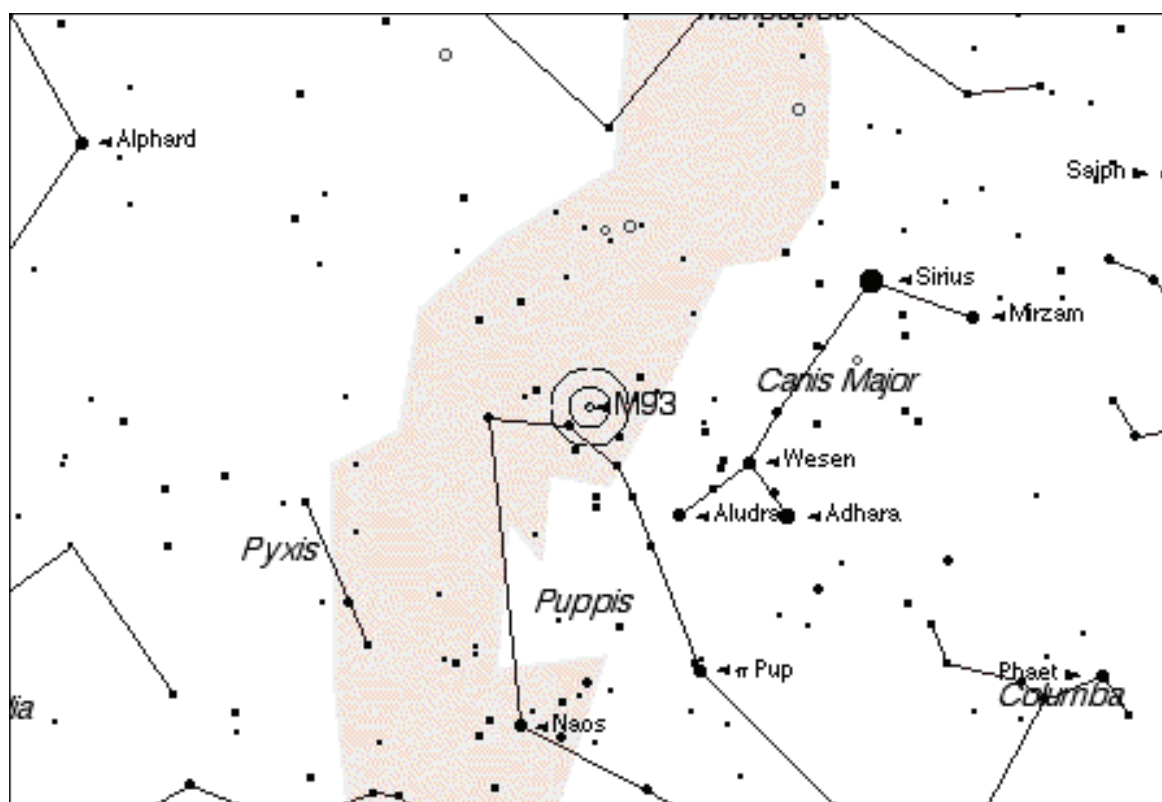
Equipment

Sky Conditions Transparency Seeing

Session Notes

Observing Notes

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



The Ultimate Messier Object Log

Messier # M094

NGC 4736

Seen? ☐

Date seen

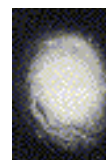
Type Spiral Galaxy

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

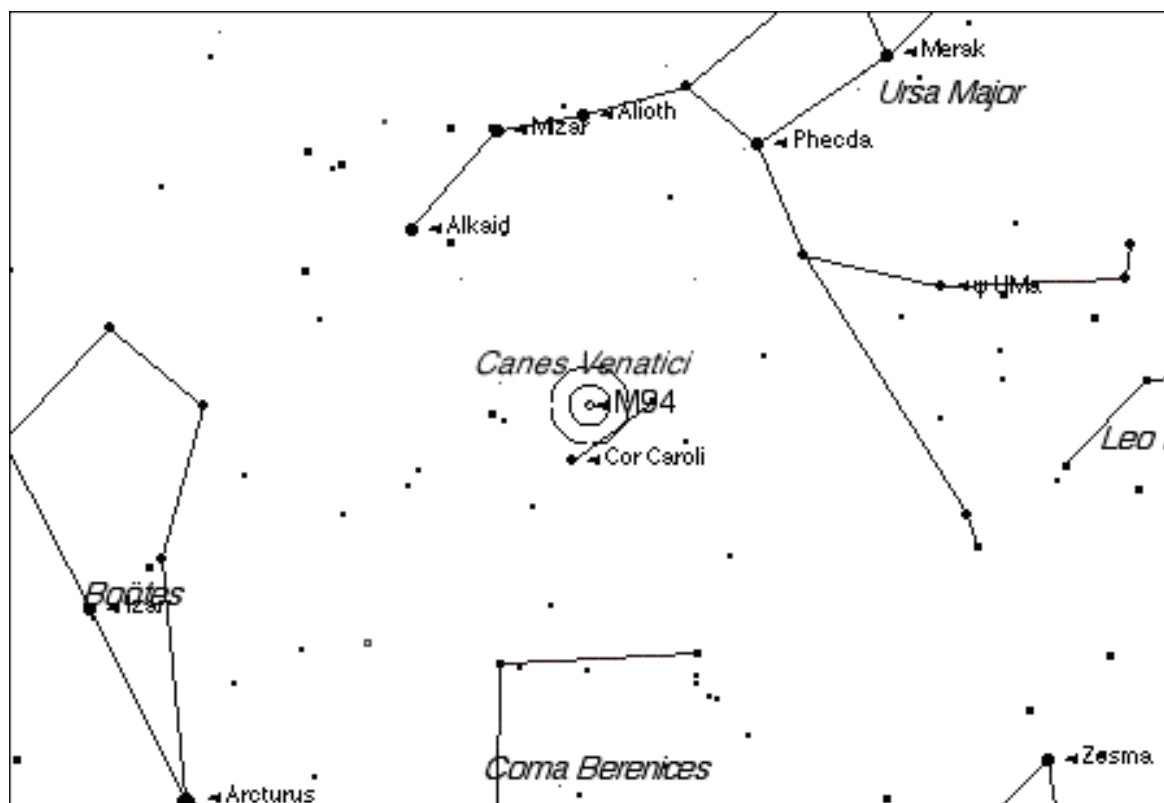
Sky Conditions Transparency

Seeing

Session Notes

Observing Notes

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



The Ultimate Messier Object Log

Messier # M095

NGC 3351

Seen? ☐ Y

Date seen

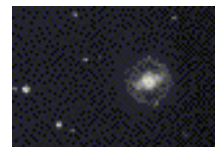
Type Spiral Galaxy

Magnitude

Name (if any) N/A

11.0

Constellation Leo



Marathon Order # 29

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

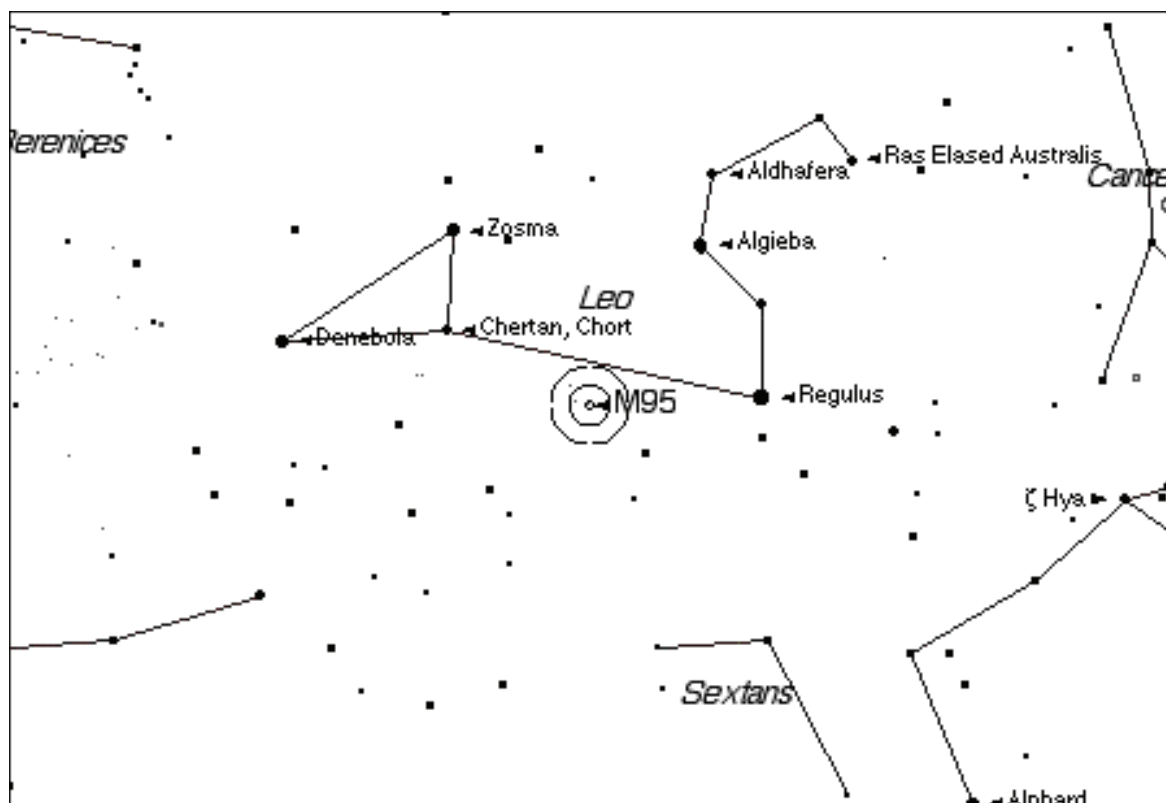
Equipment

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? ☐ Y

Date seen

Type Spiral Galaxy

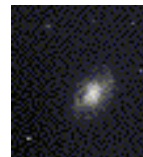
Magnitude

Name (if any) N/A

10.5

Constellation Leo

Marathon Order # 30



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

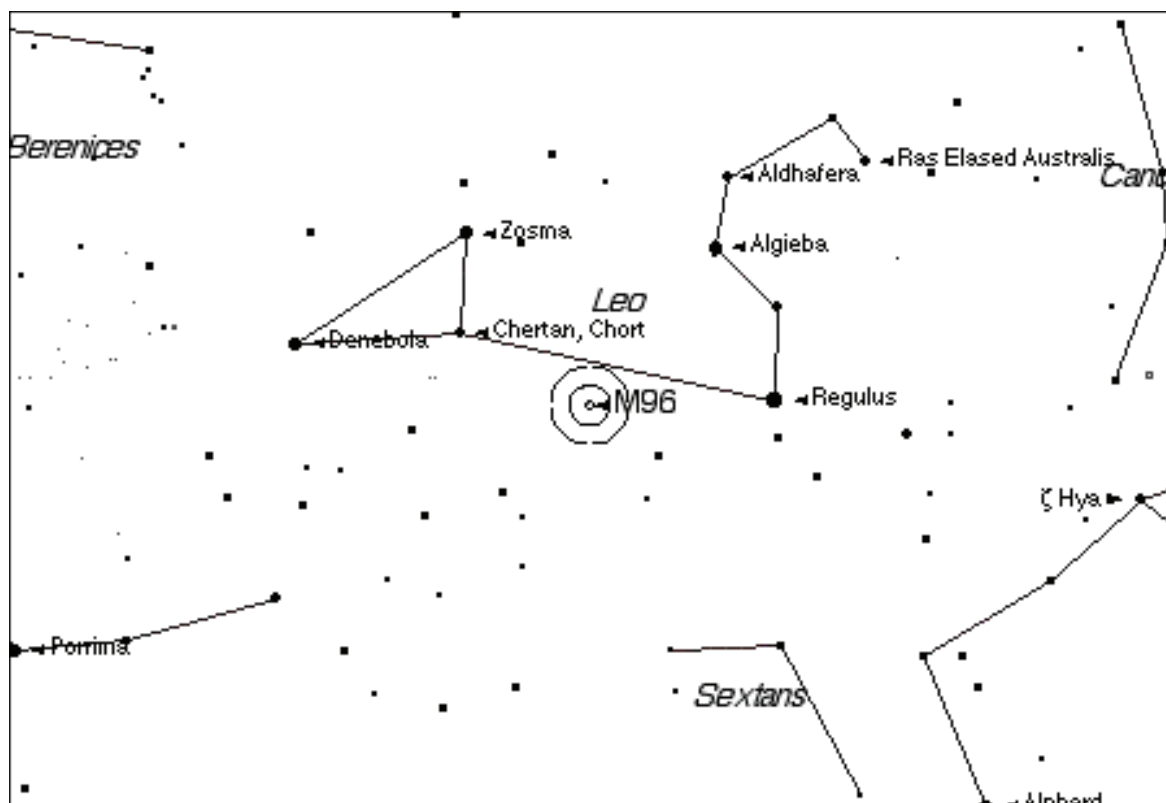
Sky Conditions Transparency

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

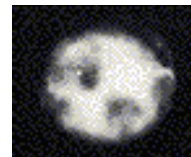
Type Planetary Nebula

Magnitude

Name (if any) Owl Nebula

12.0

Constellation Ursa Major



Marathon Order # 36

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

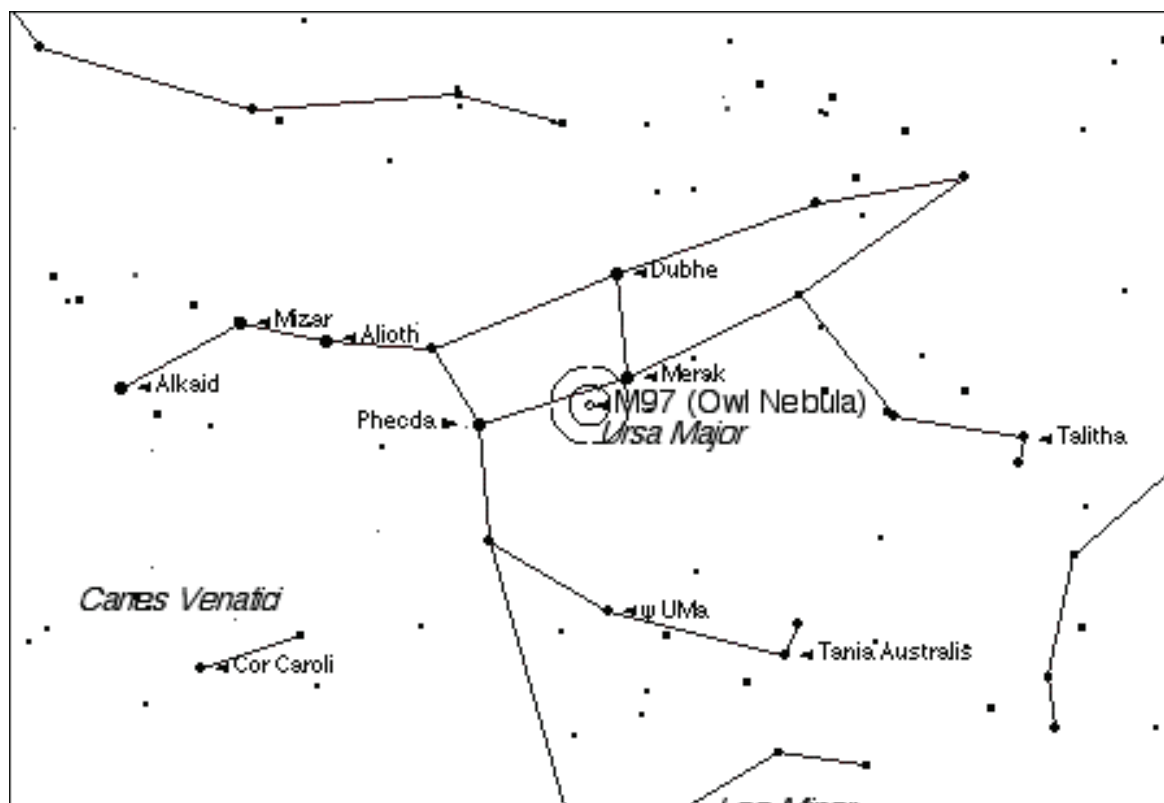
Transparency

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

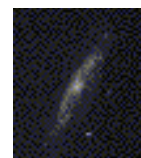
Magnitude

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

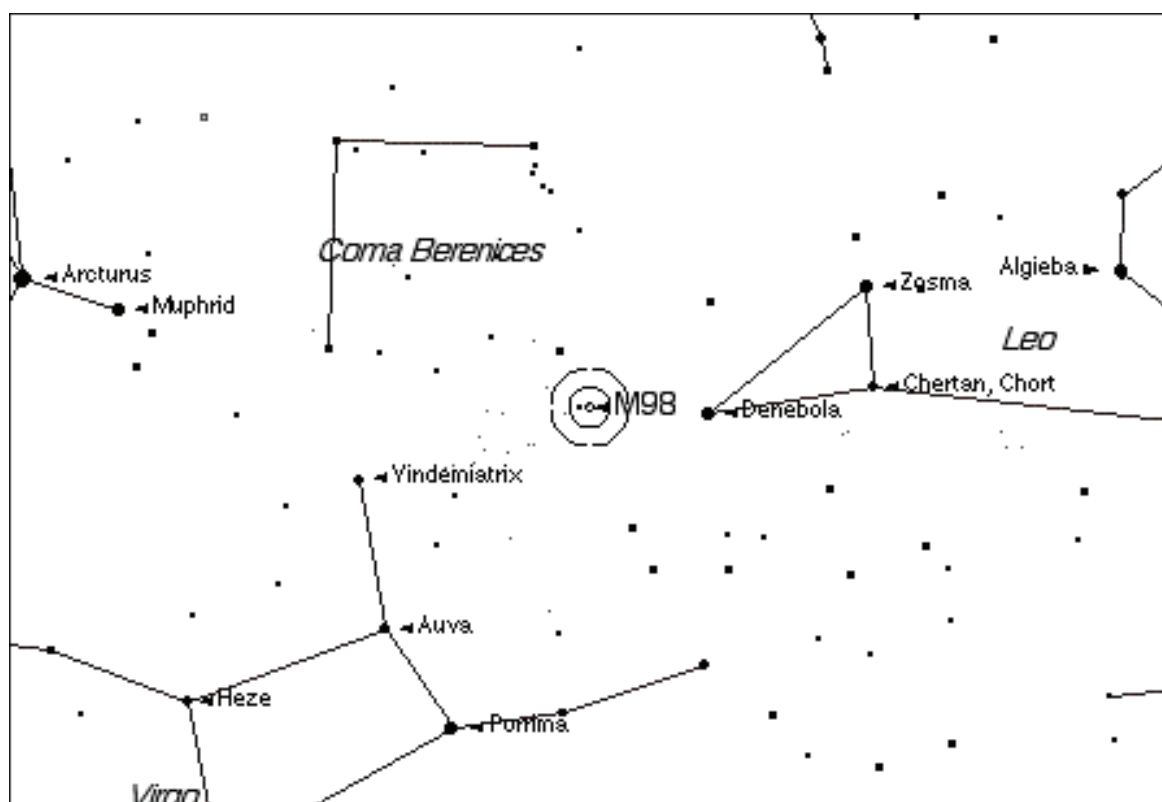
Sky Conditions Transparency

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

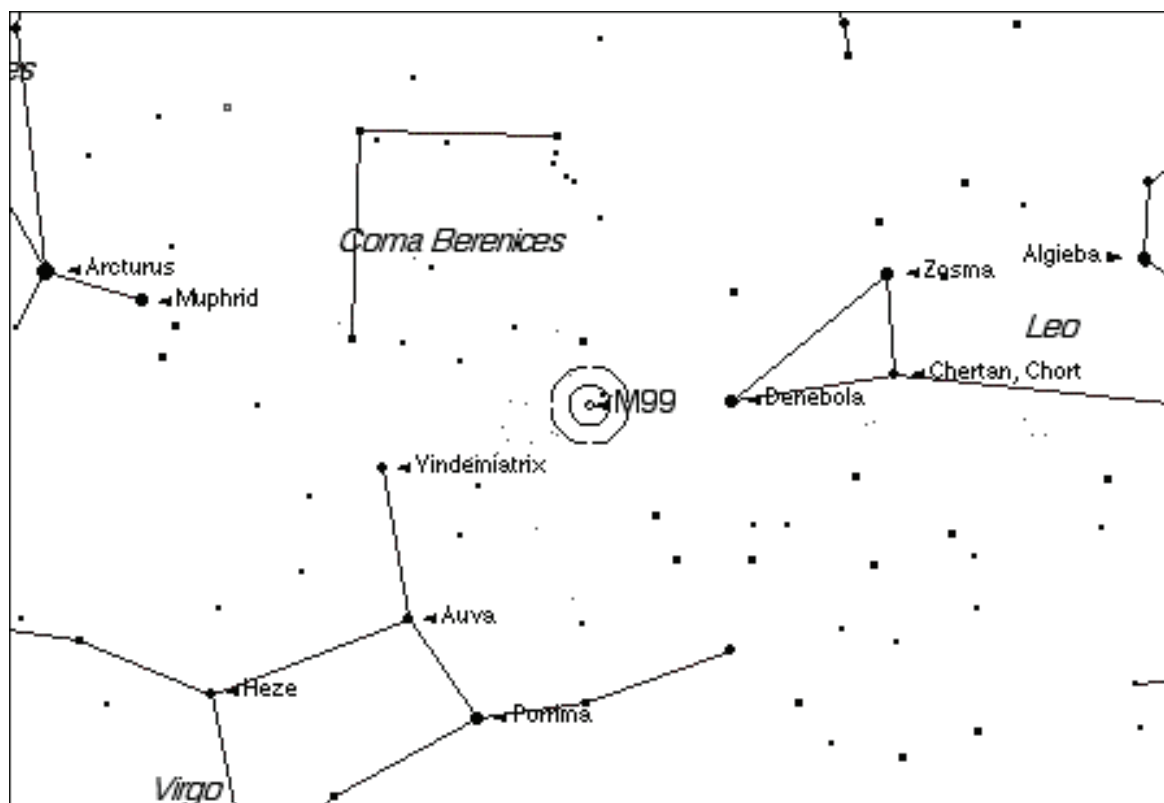
Sky Conditions Transparency

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

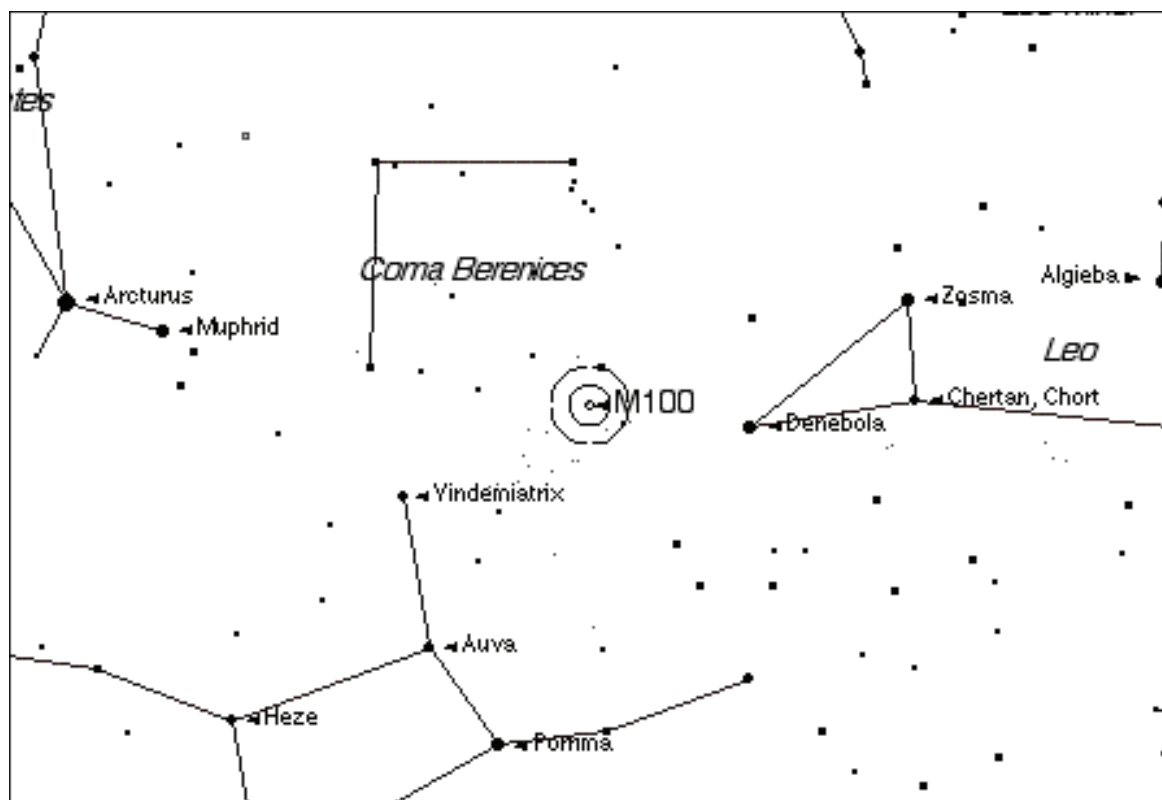
Sky Conditions Transparency

Seeing

Session Notes

Observing Notes

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



The Ultimate Messier Object Log

Messier # M101

NGC 5457

Seen? ☐

Date seen

Type Spiral Galaxy

Magnitude

Name (if any) Pinwheel Galaxy

8.5

Constellation Ursa Major

Marathon Order # 44



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

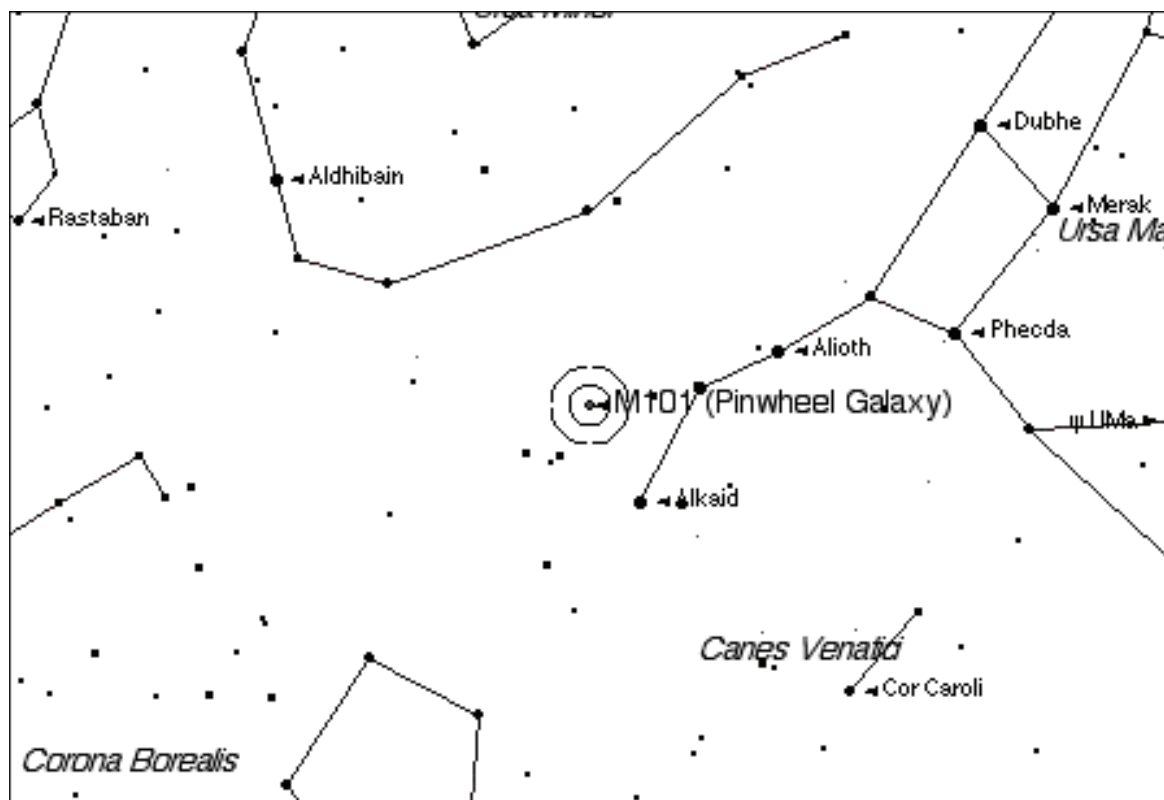
Equipment

Sky Conditions Transparency Seeing

Session Notes

Observing Notes

Star charts created by Starmy 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

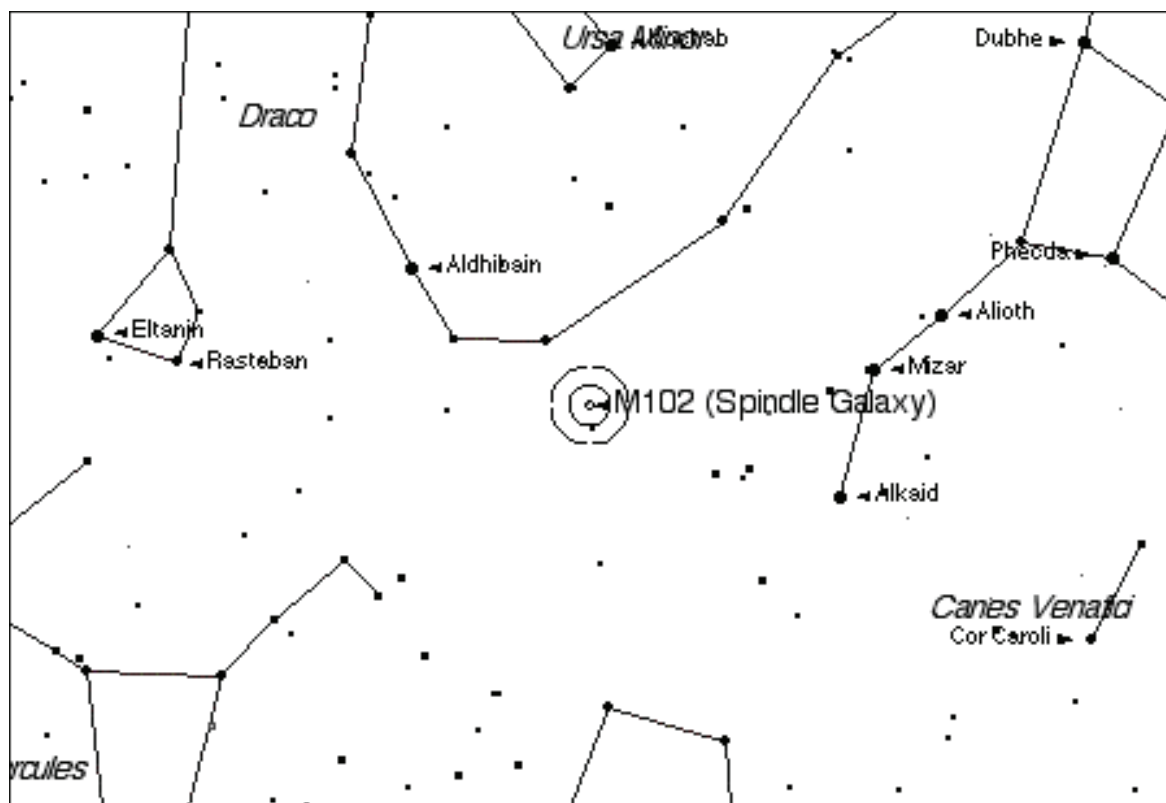
Equipment

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

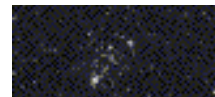
Type Open Cluster

Magnitude

Name (if any) N/A

7.0

Constellation Cassiopeia



Marathon Order # 8

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

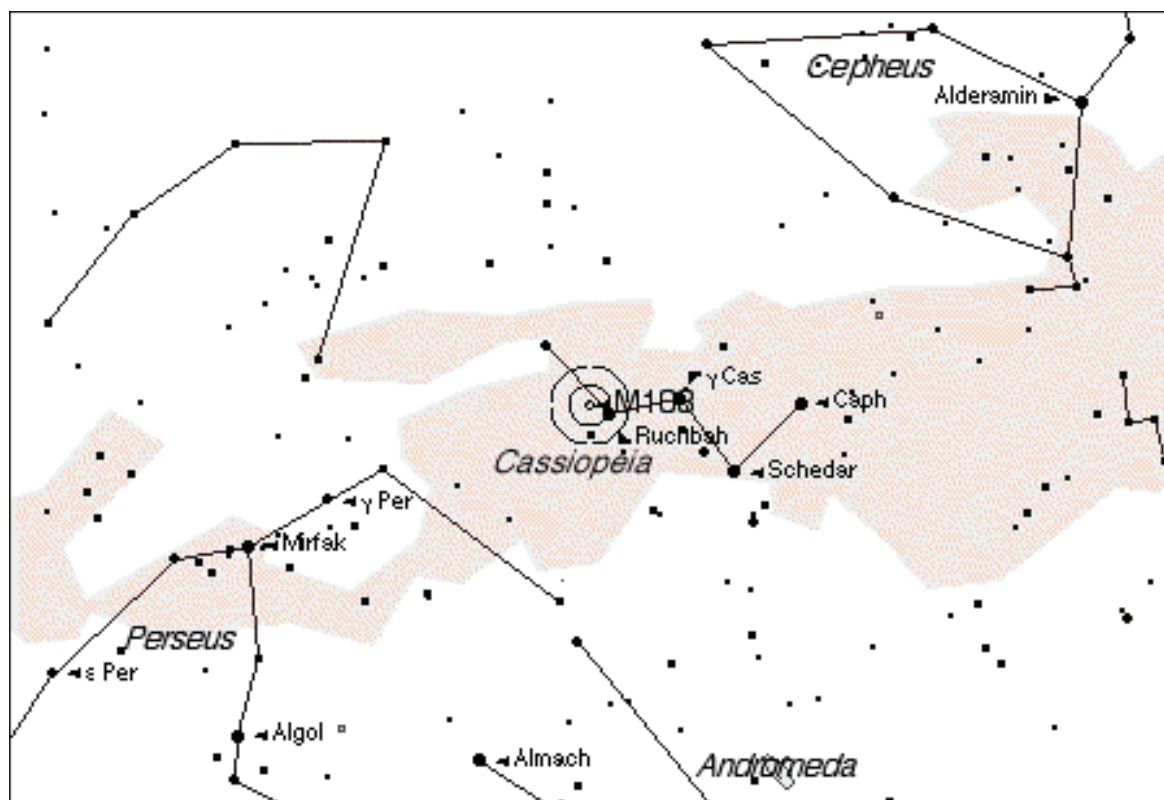
Transparency

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

Magnitude

Name (if any) Sombrero Galaxy

9.5

Constellation Virgo



Marathon Order # 65

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

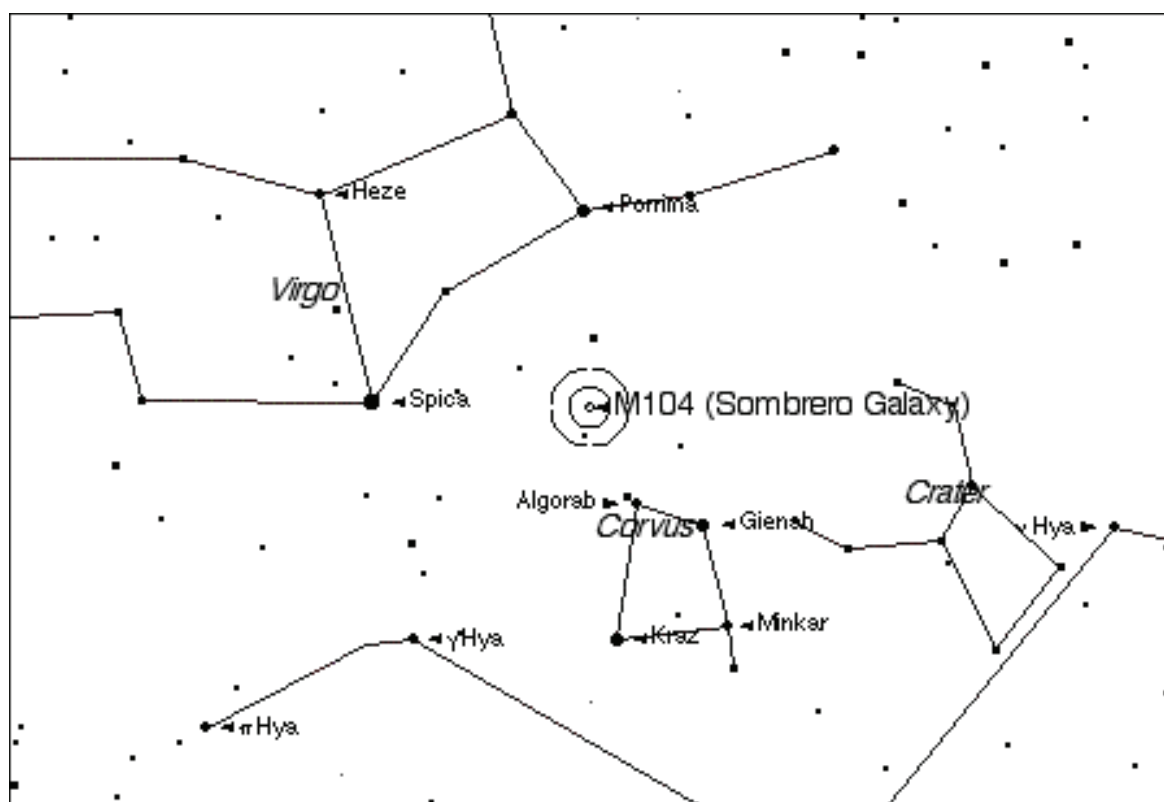
Equipment

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

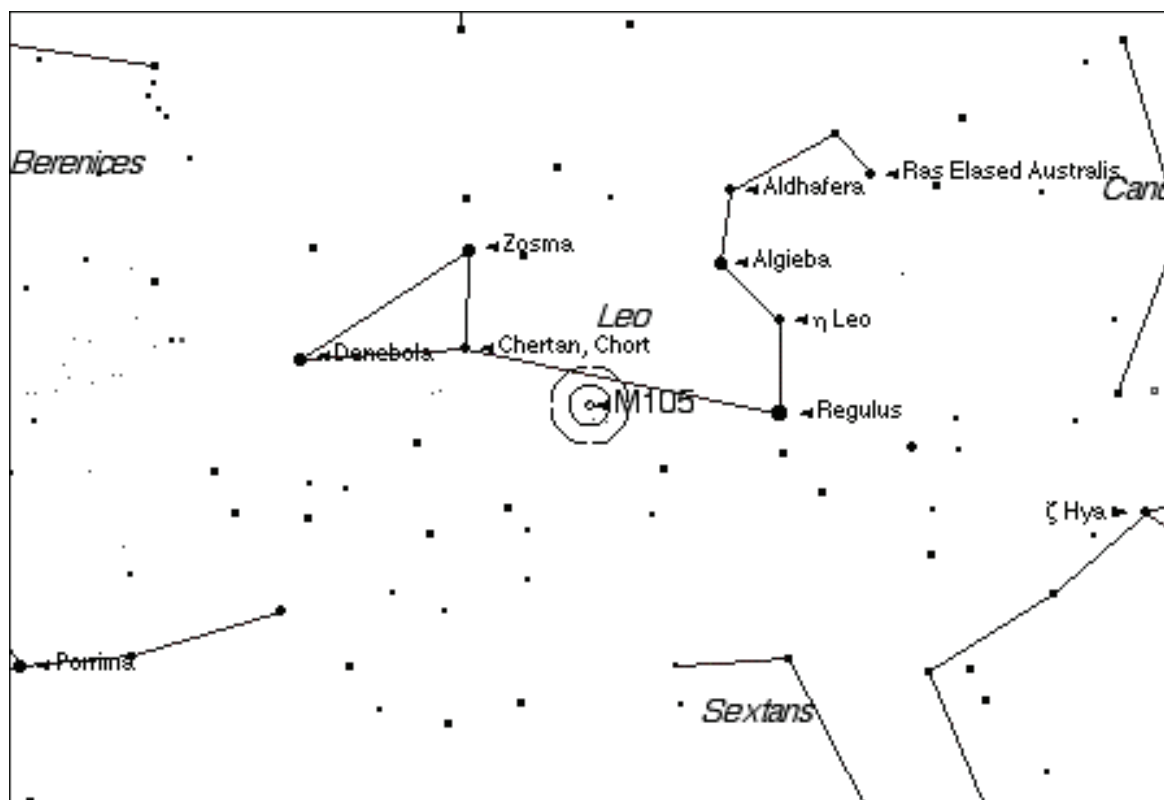
Equipment

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

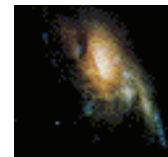
Type Spiral Galaxy

Magnitude

Name (if any) N/A

9.5

Constellation Ursa Major



Marathon Order # 40

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

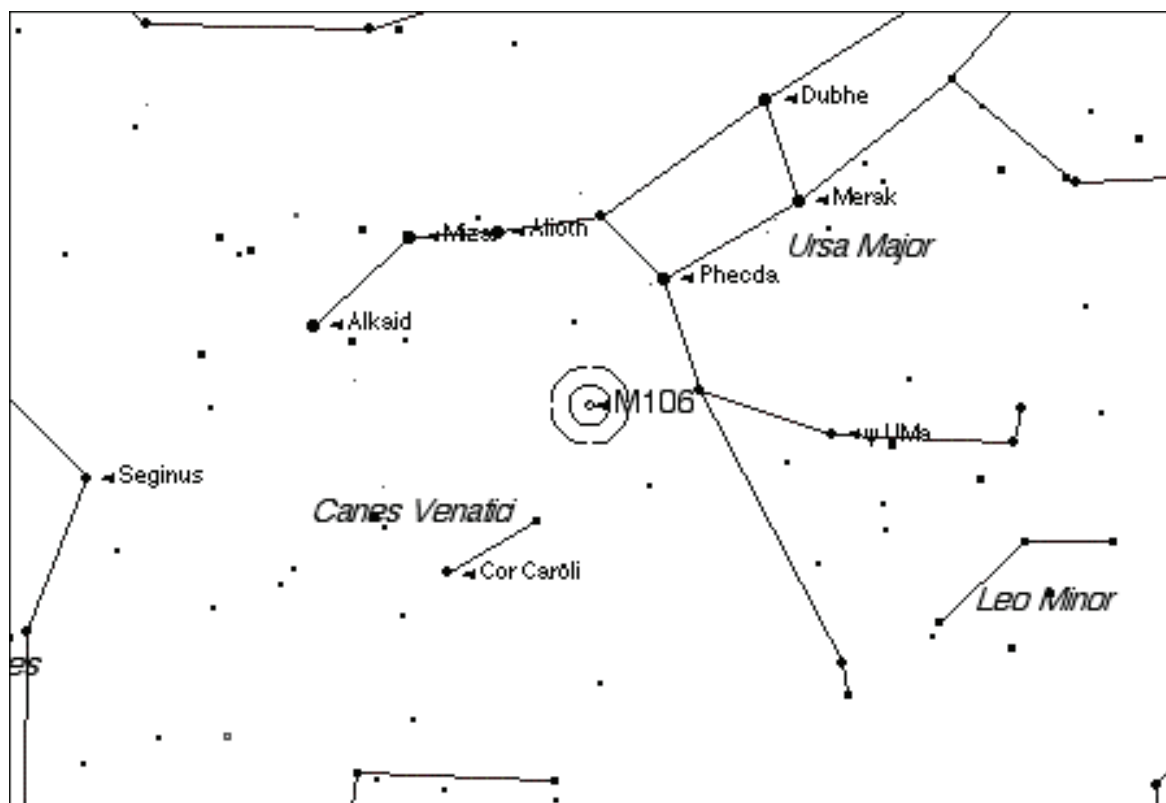
Equipment

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

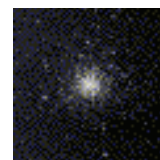
Type Globular Cluster

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

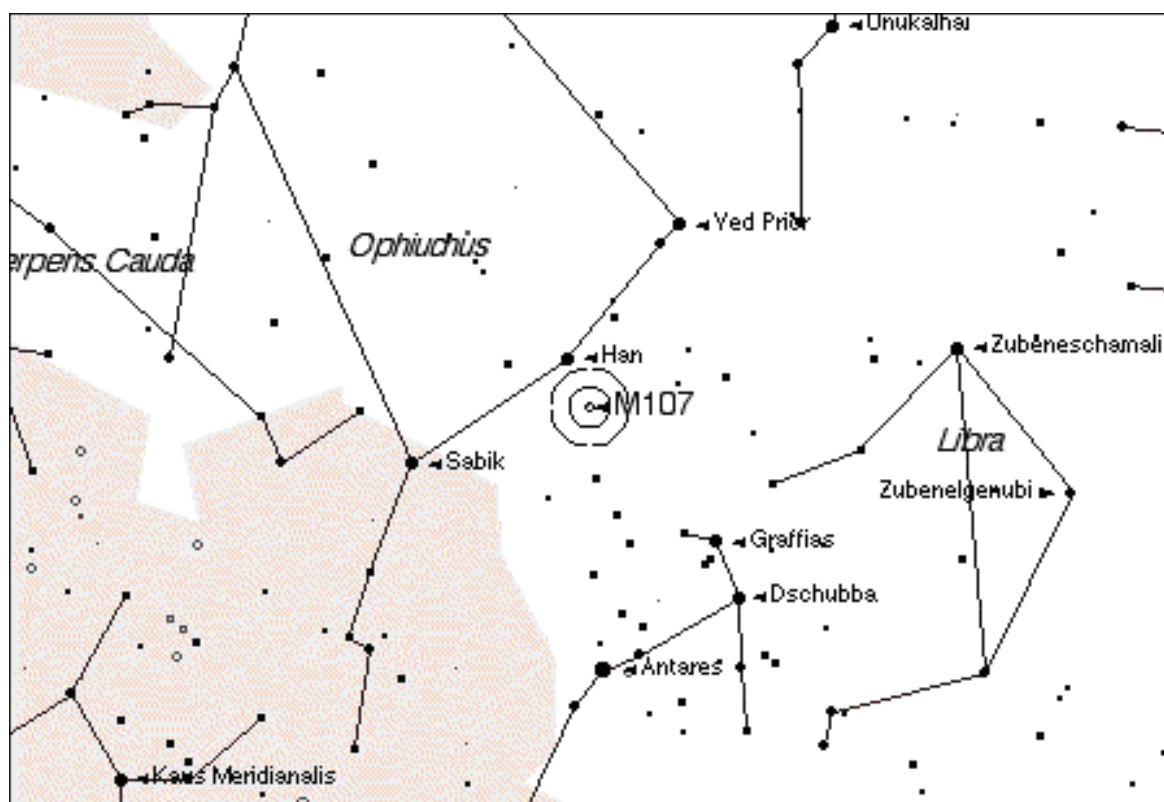
Equipment

Sky Conditions Transparency Seeing

Session Notes

Observing Notes

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



The Ultimate Messier Object Log

Messier # M108

NGC 3556

Seen? ☐

Date seen

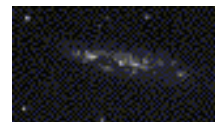
Type Spiral Galaxy

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

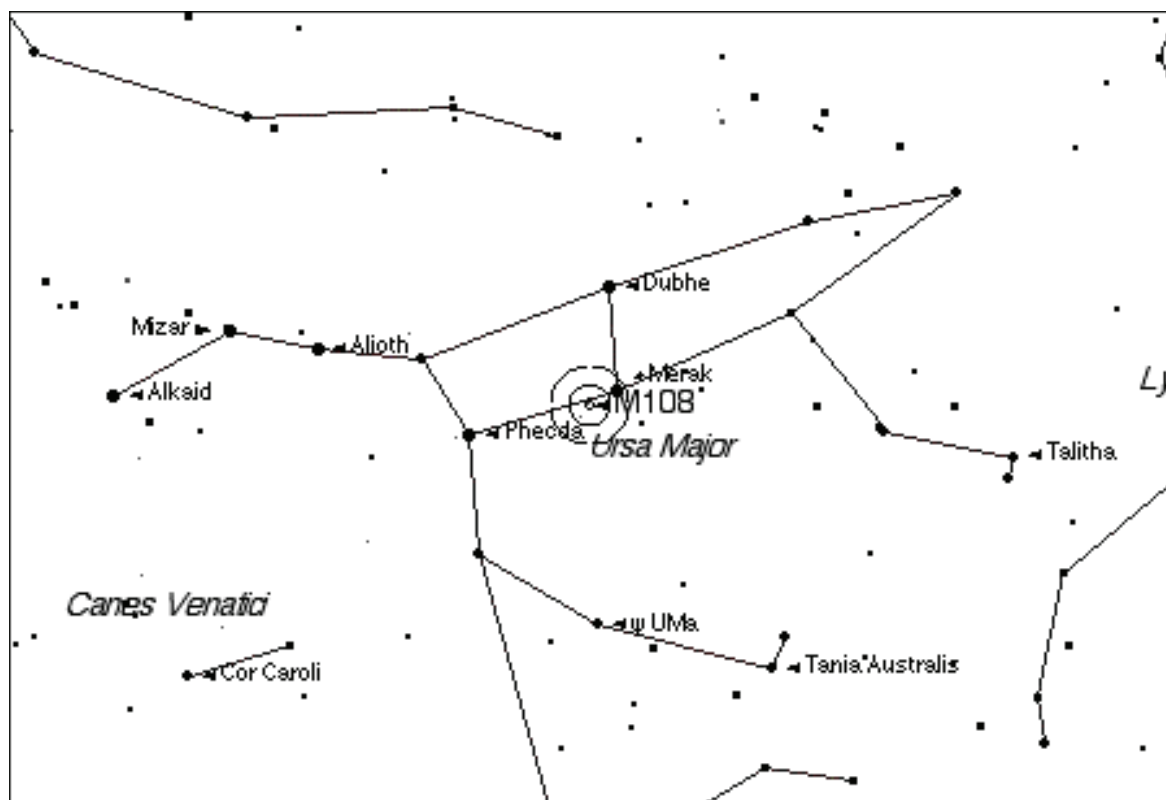
Equipment

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

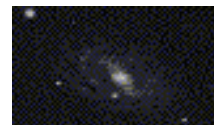
Type Spiral Galaxy

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

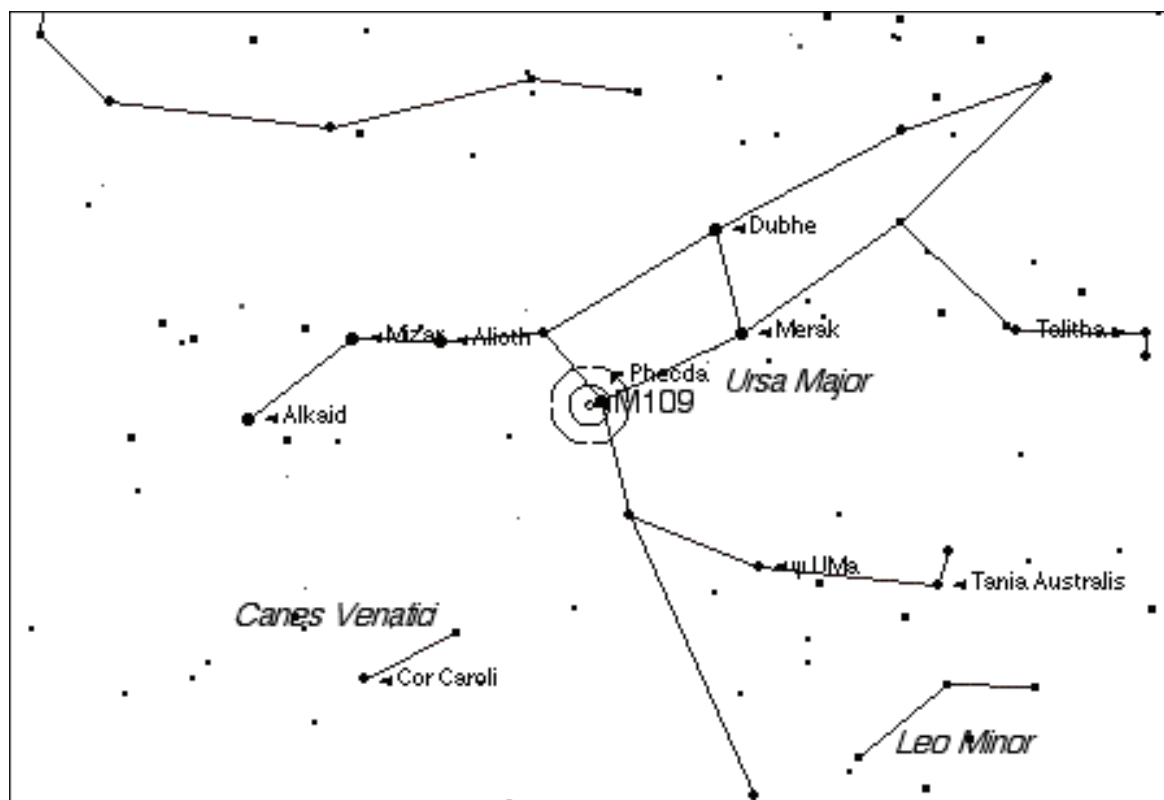
Equipment

Sky Conditions Transparency Seeing

Session Notes

Observing Notes

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



The Ultimate Messier Object Log

Messier # M110

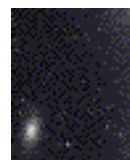
NGC 0205

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

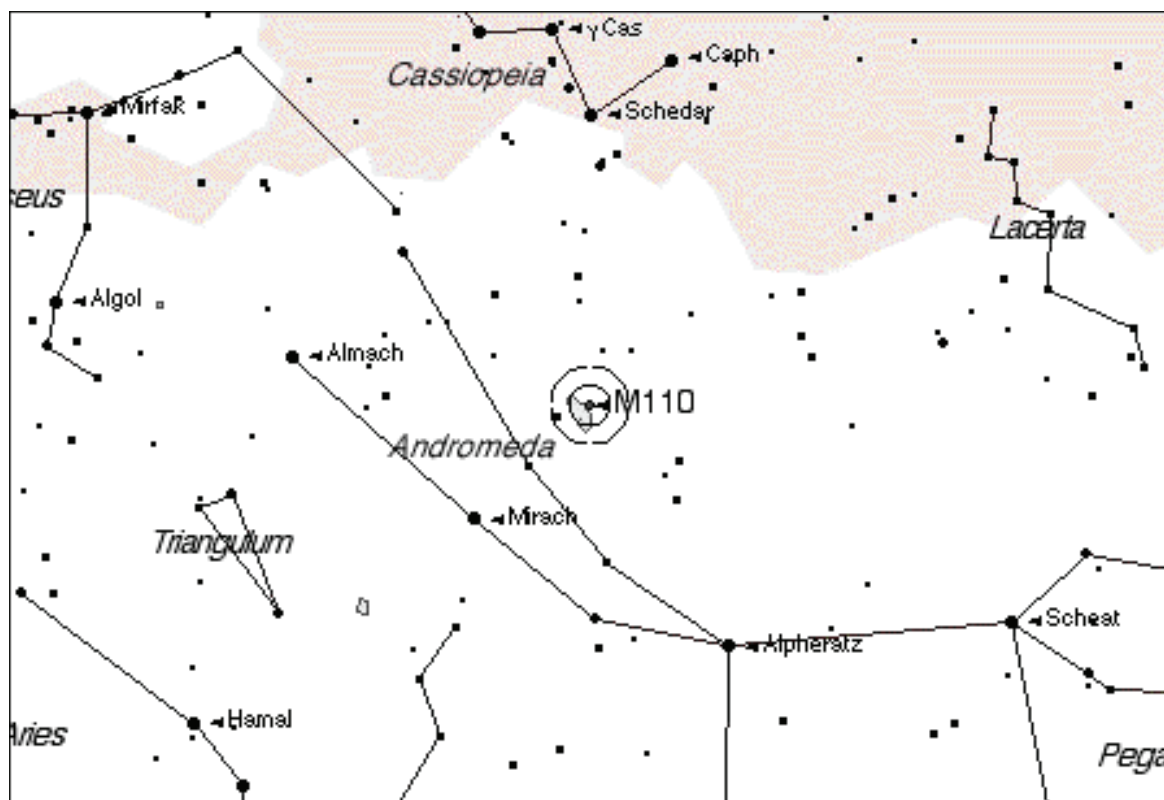
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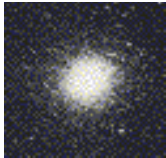
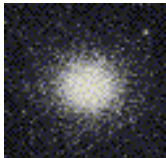
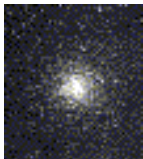
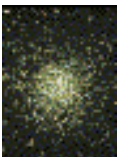
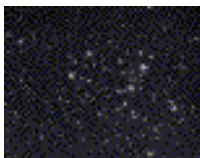
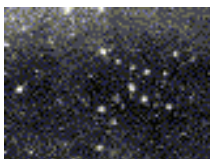
Personal Viewing Notes

Viewing Time Comments**Observing Site****Equipment****Sky Conditions Transparency** **Seeing** **Session Notes****Observing Notes**

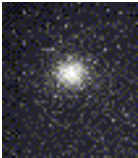
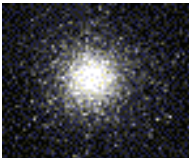
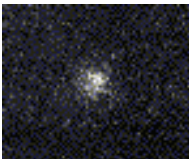
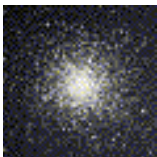
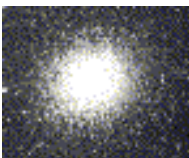
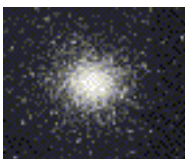
Star charts created by Starmy Night Pro(TM) courtesy of Space.com Software



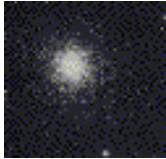
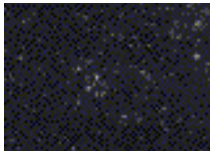
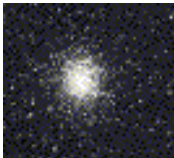
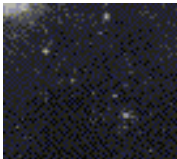
The Ultimate Messier Object Log

	Messier # M001	NGC 1952	Seen? ☐
	Type Supernova remnant		Date seen
	Name (if any) Crab Nebula		Magnitude
	Constellation Taurus		8.4
	Messier # M002	NGC 7089	Seen? ☐
	Type Globular Cluster		Date seen
	Name (if any) N/A		Magnitude
	Constellation Aquarius		6.5
	Messier # M003	NGC 5272	Seen? ☐
	Type Globular Cluster		Date seen
	Name (if any) N/A		Magnitude
	Constellation Canes Venatici		6.4
	Messier # M004	NGC 6121	Seen? ☐
	Type Globular Cluster		Date seen
	Name (if any) N/A		Magnitude
	Constellation Scorpio		5.9
	Messier # M005	NGC 5904	Seen? ☐
	Type Globular Cluster		Date seen
	Name (if any) N/A		Magnitude
	Constellation Serpens Caput		5.8
	Messier # M006	NGC 6405	Seen? ☐
	Type Open Cluster		Date seen
	Name (if any) Butterfly Cluster		Magnitude
	Constellation Scorpius		4.2
	Messier # M007	NGC 6475	Seen? ☐
	Type Open Cluster		Date seen
	Name (if any) Ptolemy's Cluster		Magnitude
	Constellation Scorpius		3.3

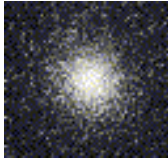
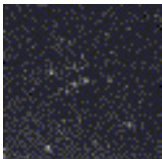
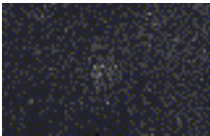
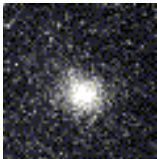
The Ultimate Messier Object Log

	Messier # M008	NGC 6523	Seen? ☐	<i>Date seen</i>
	<i>Type</i> Diffuse Nebula			
	<i>Name (if any)</i> Lagoon Nebula			<i>Magnitude</i>
	<i>Constellation</i> Sagittarius			5.0
	Messier # M009	NGC 6333	Seen? ☐	<i>Date seen</i>
	<i>Type</i> Globular Cluster			
	<i>Name (if any)</i> N/A			<i>Magnitude</i>
	<i>Constellation</i> Ophiucus			7.9
	Messier # M010	NGC 6254	Seen? ☐	<i>Date seen</i>
	<i>Type</i> Globular Cluster			
	<i>Name (if any)</i> N/A			<i>Magnitude</i>
	<i>Constellation</i> Ophiucus			6.6
	Messier # M011	NGC 6705	Seen? ☐	<i>Date seen</i>
	<i>Type</i> Open Cluster			
	<i>Name (if any)</i> Wild Duck Cluster			<i>Magnitude</i>
	<i>Constellation</i> Scutum			5.8
	Messier # M012	NGC 6218	Seen? ☐	<i>Date seen</i>
	<i>Type</i> Globular Cluster			
	<i>Name (if any)</i> N/A			<i>Magnitude</i>
	<i>Constellation</i> Ophiucus			6.6
	Messier # M013	NGC 6205	Seen? ☐	<i>Date seen</i>
	<i>Type</i> Globular Cluster			
	<i>Name (if any)</i> N/A			<i>Magnitude</i>
	<i>Constellation</i> Hercules			5.9
	Messier # M014	NGC 6402	Seen? ☐	<i>Date seen</i>
	<i>Type</i> Globular Cluster			
	<i>Name (if any)</i> N/A			<i>Magnitude</i>
	<i>Constellation</i> Ophiucus			7.6

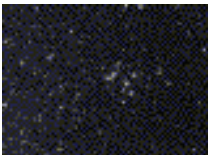
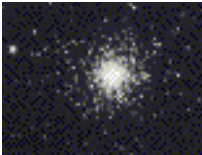
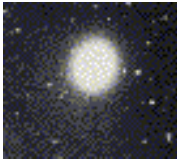
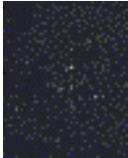
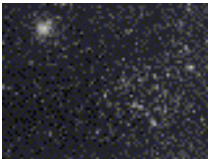
The Ultimate Messier Object Log

	Messier # M015	NGC 7078	Seen? ☐	Date seen	Type Globular Cluster	Name (if any) N/A	Magnitude 6.4
	Messier # M016	NGC 6611	Seen? ☐	Date seen	Type Open Cluster	Name (if any) Eagle Nebula Cluster	Magnitude 6.5
	Messier # M017	NGC 6618	Seen? ☐	Date seen	Type Diffuse Nebula	Name (if any) Omega, Swan, Horseshoe Nebula	Magnitude 7.0
	Messier # M018	NGC 6613	Seen? ☐	Date seen	Type Open Cluster	Name (if any) N/A	Magnitude 8.0
	Messier # M019	NGC 6273	Seen? ☐	Date seen	Type Globular Cluster	Name (if any) N/A	Magnitude 8.5
	Messier # M020	NGC 6514	Seen? ☐	Date seen	Type Diffuse Nebula	Name (if any) Trifid Nebula	Magnitude 5.0
	Messier # M021	NGC 6531	Seen? ☐	Date seen	Type Open Cluster	Name (if any) N/A	Magnitude 7.0

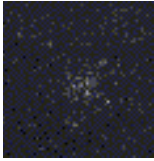
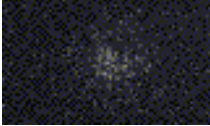
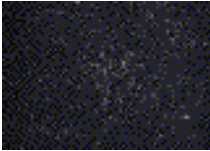
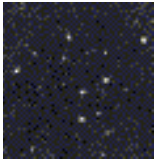
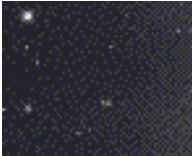
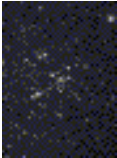
The Ultimate Messier Object Log

	Messier # M022	NGC 6656	Seen? ☐
	Type Globular Cluster		Date seen
	Name (if any) N/A		Magnitude
	Constellation Sagittarius		6.5
	Messier # M023	NGC 6494	Seen? ☐
	Type Open Cluster		Date seen
	Name (if any) N/A		Magnitude
	Constellation Sagittarius		6.0
	Messier # M024	NGC 6603	Seen? ☐
	Type Star Cloud		Date seen
	Name (if any) Milky Way Patch		Magnitude
	Constellation Sagittarius		11.5
	Messier # M025	NGC IC4725	Seen? ☐
	Type Open Cluster		Date seen
	Name (if any) N/A		Magnitude
	Constellation Sagittarius		4.9
	Messier # M026	NGC 6694	Seen? ☐
	Type Open Cluster		Date seen
	Name (if any) N/A		Magnitude
	Constellation Scutum		9.5
	Messier # M027	NGC 6853	Seen? ☐
	Type Planetary Nebula		Date seen
	Name (if any) Dumbbell Nebula		Magnitude
	Constellation Vulpecula		7.5
	Messier # M028	NGC 6626	Seen? ☐
	Type Globular Cluster		Date seen
	Name (if any) N/A		Magnitude
	Constellation Sagittarius		8.5

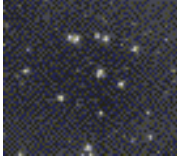
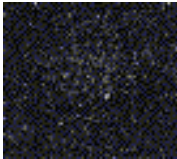
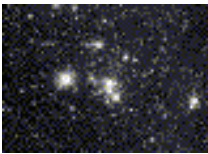
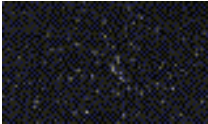
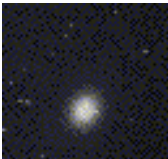
The Ultimate Messier Object Log

	Messier # M029	NGC 6913	Seen? ☐	Date seen
	Type Open Cluster			
	Name (if any) N/A		Magnitude	
	Constellation Cygnus		9.0	
	Messier # M030	NGC 7099	Seen? ☐	Date seen
	Type Globular Cluster			
	Name (if any) N/A		Magnitude	
	Constellation Capricornus		8.5	
	Messier # M031	NGC 0224	Seen? ☐	Date seen
	Type Spiral Galaxy			
	Name (if any) Andromeda Galaxy		Magnitude	
	Constellation Andromeda		4.5	
	Messier # M032	NGC 0221	Seen? ☐	Date seen
	Type Elliptical Galaxy			
	Name (if any) Satellite of M31		Magnitude	
	Constellation Andromeda		10.0	
	Messier # M033	NGC 0598	Seen? ☐	Date seen
	Type Spiral Galaxy			
	Name (if any) Triangulum (also Pinwheel) Galaxy		Magnitude	
	Constellation Triangulum		7.0	
	Messier # M034	NGC 1039	Seen? ☐	Date seen
	Type Open Cluster			
	Name (if any) N/A		Magnitude	
	Constellation Perseus		6.0	
	Messier # M035	NGC 2168	Seen? ☐	Date seen
	Type Open Cluster			
	Name (if any) N/A		Magnitude	
	Constellation Gemini		5.5	

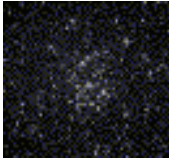
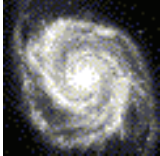
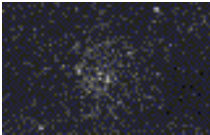
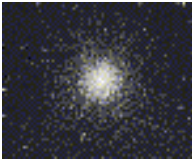
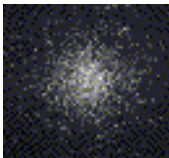
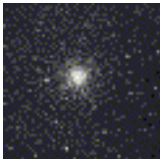
The Ultimate Messier Object Log

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

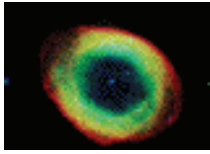
The Ultimate Messier Object Log

	Messier # M043	NGC 1982	Seen? ☐
			Date seen
	Type Diffuse Nebula		
	Name (if any) de Mairan's Nebula		Magnitude 7.0
	Constellation Orion		
	Messier # M044	NGC 2632	Seen? ☐
			Date seen
	Type Open Cluster		
	Name (if any) Beehive Cluster (Praesepe)		Magnitude 4.0
	Constellation Cancer		
	Messier # M045	NGC 1432	Seen? ☐
			Date seen
	Type Open Cluster		
	Name (if any) Pleiades, Subaru, Seven Sisters		Magnitude 1.4
	Constellation Taurus		
	Messier # M046	NGC 2437	Seen? ☐
			Date seen
	Type Open Cluster		
	Name (if any) N/A		Magnitude 6.5
	Constellation Puppis		
	Messier # M047	NGC 2422	Seen? ☐
			Date seen
	Type Open Cluster		
	Name (if any) N/A		Magnitude 4.5
	Constellation Puppis		
	Messier # M048	NGC 2548	Seen? ☐
			Date seen
	Type Open Cluster		
	Name (if any) N/A		Magnitude 5.5
	Constellation Hydra		
	Messier # M049	NGC 4472	Seen? ☐
			Date seen
	Type Elliptical Galaxy		
	Name (if any) N/A		Magnitude 10.0
	Constellation Virgo		

The Ultimate Messier Object Log

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

The Ultimate Messier Object Log



Messier # M057

NGC 6720

Seen? ☐

Date seen

Type Planetary Nebula

Name (if any) Ring Nebula

Magnitude

Constellation Lyra

9.5



Messier # M058

NGC 4579

Seen? ☐

Date seen

Type Spiral Galaxy

Name (if any) N/A

Magnitude

Constellation Virgo

11.0



Messier # M059

NGC 4621

Seen? ☐

Date seen

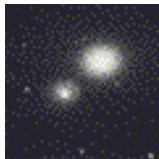
Type Elliptical Galaxy

Name (if any) N/A

Magnitude

Constellation Virgo

11.5



Messier # M060

NGC 4649

Seen? ☐

Date seen

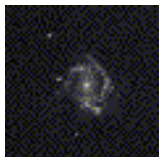
Type Elliptical Galaxy

Name (if any) N/A

Magnitude

Constellation Virgo

10.5



Messier # M061

NGC 4303

Seen? ☐

Date seen

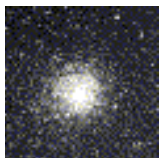
Type Spiral Galaxy

Name (if any) N/A

Magnitude

Constellation Virgo

10.5



Messier # M062

NGC 6266

Seen? ☐

Date seen

Type Globular Cluster

Name (if any) N/A

Magnitude

Constellation Ophiucus

8.0



Messier # M063

NGC 5055

Seen? ☐

Date seen

Type Spiral Galaxy

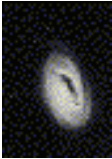
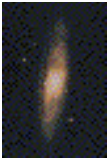
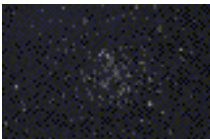
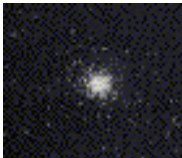
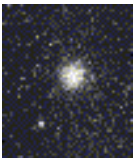
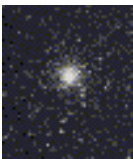
Name (if any) Sunflower Galaxy

Magnitude

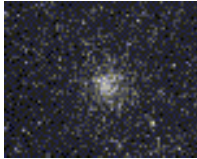
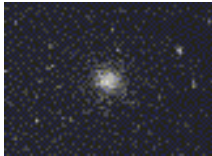
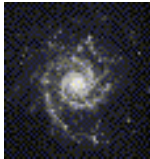
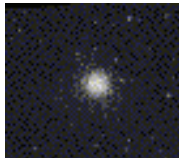
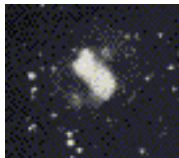
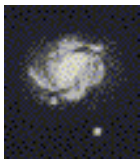
Constellation Canes Venatici

8.5

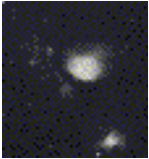
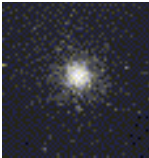
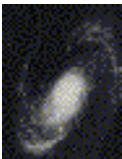
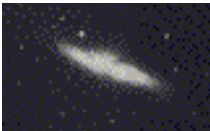
The Ultimate Messier Object Log

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

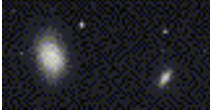
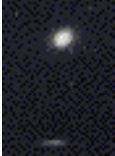
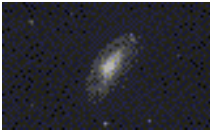
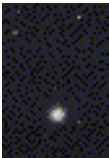
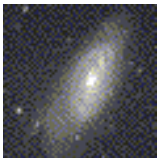
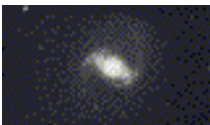
The Ultimate Messier Object Log

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

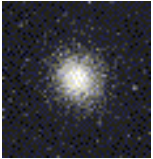
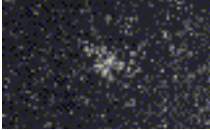
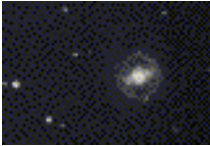
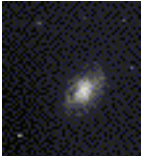
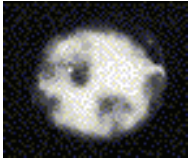
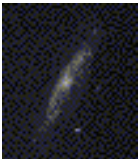
The Ultimate Messier Object Log

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

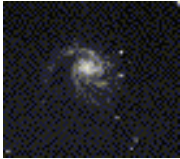
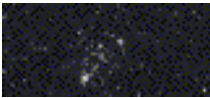
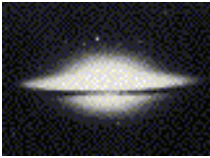
The Ultimate Messier Object Log

	Messier # M085	NGC 4382	Seen? ☐
	Type Lenticular (S0) Galaxy	Date seen	
	Name (if any) N/A	Magnitude	
	Constellation Coma Berenices	10.5	
	Messier # M086	NGC 4406	Seen? ☐
	Type Lenticular (S0) Galaxy	Date seen	
	Name (if any) N/A	Magnitude	
	Constellation Virgo	11.0	
	Messier # M087	NGC 4486	Seen? ☐
	Type Elliptical Galaxy	Date seen	
	Name (if any) Virgo A	Magnitude	
	Constellation Virgo	11.0	
	Messier # M088	NGC 4501	Seen? ☐
	Type Spiral Galaxy	Date seen	
	Name (if any) N/A	Magnitude	
	Constellation Coma Berenices	11.0	
	Messier # M089	NGC 4552	Seen? ☐
	Type Elliptical Galaxy	Date seen	
	Name (if any) N/A	Magnitude	
	Constellation Virgo	11.5	
	Messier # M090	NGC 4569	Seen? ☐
	Type Spiral Galaxy	Date seen	
	Name (if any) N/A	Magnitude	
	Constellation Virgo	11.0	
	Messier # M091	NGC 4548	Seen? ☐
	Type Spiral Galaxy	Date seen	
	Name (if any) N/A	Magnitude	
	Constellation Coma Berenices	11.5	

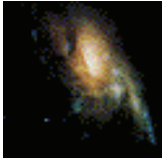
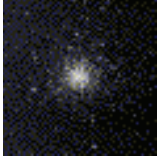
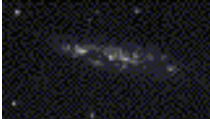
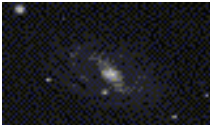
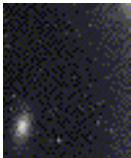
The Ultimate Messier Object Log

	Messier # M092	NGC 6341	Seen? ☐
	Type Globular Cluster		Date seen
	Name (if any) N/A		Magnitude 7.5
	Constellation Hercules		
	Messier # M093	NGC 2447	Seen? ☐
	Type Open Cluster		Date seen
	Name (if any) N/A		Magnitude 6.5
	Constellation Puppis		
	Messier # M094	NGC 4736	Seen? ☐
	Type Spiral Galaxy		Date seen
	Name (if any) N/A		Magnitude 9.5
	Constellation Canes Venatici		
	Messier # M095	NGC 3351	Seen? ☐
	Type Spiral Galaxy		Date seen
	Name (if any) N/A		Magnitude 11.0
	Constellation Leo		
	Messier # M096	NGC 3368	Seen? ☐
	Type Spiral Galaxy		Date seen
	Name (if any) N/A		Magnitude 10.5
	Constellation Leo		
	Messier # M097	NGC 3587	Seen? ☐
	Type Planetary Nebula		Date seen
	Name (if any) Owl Nebula		Magnitude 12.0
	Constellation Ursa Major		
	Messier # M098	NGC 4192	Seen? ☐
	Type Spiral Galaxy		Date seen
	Name (if any) N/A		Magnitude 11.0
	Constellation Coma Berenices		

The Ultimate Messier Object Log

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

The Ultimate Messier Object Log

	Messier # M106	NGC 4258	Seen? ☐
	Type Spiral Galaxy		Date seen
	Name (if any) N/A		Magnitude
	Constellation Ursa Major		9.5
	Messier # M107	NGC 6171	Seen? ☐
	Type Globular Cluster		Date seen
	Name (if any) N/A		Magnitude
	Constellation Ophiucus		10.0
	Messier # M108	NGC 3556	Seen? ☐
	Type Spiral Galaxy		Date seen
	Name (if any) N/A		Magnitude
	Constellation Ursa Major		11.0
	Messier # M109	NGC 3992	Seen? ☐
	Type Spiral Galaxy		Date seen
	Name (if any) N/A		Magnitude
	Constellation Ursa Major		11.0
	Messier # M110	NGC 0205	Seen? ☐
	Type Elliptical Galaxy		Date seen
	Name (if any) Satellite of M31		Magnitude
	Constellation Andromeda		10.0

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				☐		
M002	Aquarius	Globular Cluster	N/A	E				☐		
M003	Canes Venatici	Globular Cluster	N/A	E				☐		
M004	Scorpio	Globular Cluster	N/A	E				☐		
M005	Serpens Caput	Globular Cluster	N/A	E				☐		
M006	Scorpius	Open Cluster	Butterfly Cluster	E				☐		
M007	Scorpius	Open Cluster	Ptolemy's Cluster	E				☐		
M008	Sagittarius	Diffuse Nebula	Lagoon Nebula	E				☐		
M009	Ophiucus	Globular Cluster	N/A	T2				☐		
M010	Ophiucus	Globular Cluster	N/A	E				☐		
M011	Scutum	Open Cluster	Wild Duck Cluster	E				☐		
M012	Ophiucus	Globular Cluster	N/A	E				☐		
M013	Hercules	Globular Cluster	N/A	E				☐		
M014	Ophiucus	Globular Cluster	N/A	T				☐		
M015	Pegasus	Globular Cluster	N/A	E				☐		
M016	Serpens Claudia	Open Cluster	Eagle Nebula Cluster	E				☐		
M017	Sagittarius	Diffuse Nebula	Omega, Swan,	E				☐		
M018	Sagittarius	Open Cluster	N/A	E				☐		
M019	Ophiucus	Globular Cluster	N/A	T				☐		
M020	Sagittarius	Diffuse Nebula	Trifid Nebula	C2				☐		
M021	Sagittarius	Open Cluster	N/A	?				☐		
M022	Sagittarius	Globular Cluster	N/A	E				☐		
M023	Sagittarius	Open Cluster	N/A	E				☐		
M024	Sagittarius	Star Cloud	Milky Way Patch	E				☐		
M025	Sagittarius	Open Cluster	N/A	E				☐		
M026	Scutum	Open Cluster	N/A	C				☐		
M027	Vulpecula	Planetary Nebula	Dumbbell Nebula	E				☐		
M028	Sagittarius	Globular Cluster	N/A	T				☐		
M029	Cygnus	Open Cluster	N/A	E				☐		
M030	Capricornus	Globular Cluster	N/A	T				☐		
M031	Andromeda	Spiral Galaxy	Andromeda Galaxy	E				☐		

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				☐		
M033	Triangulum	Spiral Galaxy	Triangulum (also	T2				☐		
M034	Perseus	Open Cluster	N/A	E				☐		
M035	Gemini	Open Cluster	N/A	E				☐		
M036	Auriga	Open Cluster	N/A	E				☐		
M037	Auriga	Open Cluster	N/A	E				☐		
M038	Auriga	Open Cluster	N/A	E				☐		
M039	Cygnus	Open Cluster	N/A	E				☐		
M040	Ursa Major	Double Star	Winecke 4	T				☐		
M041	Canis Major	Open Cluster	N/A	E				☐		
M042	Orion	Diffuse Nebula	Great Orion Nebula	E				☐		
M043	Orion	Diffuse Nebula	de Mairan's Nebula	?				☐		
M044	Cancer	Open Cluster	Beehive Cluster	E				☐		
M045	Taurus	Open Cluster	Pleiades, Subaru,	E				☐		
M046	Puppis	Open Cluster	N/A	E				☐		
M047	Puppis	Open Cluster	N/A	E				☐		
M048	Hydra	Open Cluster	N/A	E				☐		
M049	Virgo	Elliptical Galaxy	N/A	T				☐		
M050	Monocerus	Open Cluster	N/A	E				☐		
M051	Ursa Major	Spiral Galaxy	Whirlpool Galaxy	C				☐		
M052	Cassiopea	Open Cluster	N/A	E				☐		
M053	Coma Berenices	Globular Cluster	N/A	T				☐		
M054	Sagittarius	Globular Cluster	N/A	C				☐		
M055	Sagittarius	Globular Cluster	N/A	E				☐		
M056	Lyra	Globular Cluster	N/A	C				☐		
M057	Lyra	Planetary Nebula	Ring Nebula	?				☐		
M058	Virgo	Spiral Galaxy	N/A	T2				☐		
M059	Virgo	Elliptical Galaxy	N/A	T2				☐		
M060	Virgo	Elliptical Galaxy	N/A	E2				☐		
M061	Virgo	Spiral Galaxy	N/A	E2				☐		
M062	Ophiucus	Globular Cluster	N/A	T				☐		

The Ultimate Messier Object Log - Personal Viewing Notes

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

The Ultimate Messier Object Log - Personal Viewing Notes

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

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	☐	
M032	0221	Elliptical Galaxy	Satellite of M31	10.0 0h 42.8m	40 52	8.0x6.0	E2	☐	
M110	0205	Elliptical Galaxy	Satellite of M31	10.0 0h 40.4m	41 41	17.0x10.0	C2	☐	

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	☐	
M072	6981	Globular Cluster	N/A	10.0 20h 53.5m	-12 32	5.9	T2	☐	
M073	6994	Group/Asterism	N/A	9.0 20h 59.0m	-12 3	2.8	C2	☐	

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	☐	
M037	2099	Open Cluster	N/A	6.0 5h 52.4m	32 33	24.0	E	☐	
M038	1922	Open Cluster	N/A	7.0 5h 28.7m	35 50	21.0	E	☐	

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	☐	
M067	2628	Open Cluster	N/A	7.5 8h 50.4m	11 49	30.0	E	☐	

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	☐	
M063	5055	Spiral Galaxy	Sunflower Galaxy	8.5 13h 15.8m	42 2	10.0x6.0	T	☐	
M094	4736	Spiral Galaxy	N/A	9.5 12h 50.9m	41 8	7.0x3.0	T	☐	

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	☐	

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	☐	

The Ultimate Messier Object Log - Atlas Info

(by constellation)

<i>Cassiopea</i>						
Messier #	NGC#	Type	Name, If Any	Mag. RA	Dec.	Size
M052	7654	Open Cluster	N/A	8.0 23h 24.2m	61 35	13.0
<i>Cassiopeia</i>						
Messier #	NGC#	Type	Name, If Any	Mag. RA	Dec.	Size
M103	0581	Open Cluster	N/A	7.0 1h 33.2m	60 42	6.0
<i>Cetus</i>						
Messier #	NGC#	Type	Name, If Any	Mag. RA	Dec.	Size
M077	1068	Spiral Galaxy	N/A	10.5 2h 42.7m	-9 2	7.0x6.0
<i>Coma Berenices</i>						
Messier #	NGC#	Type	Name, If Any	Mag. RA	Dec.	Size
M053	5024	Globular Cluster	N/A	8.5 13h 12.9m	18 10	12.6
M064	4826	Spiral Galaxy	Blackeye Galaxy	9.0 12h 56.7m	21 41	9.3x5.4
M085	4382	Lenticular (S0) Galaxy	N/A	10.5 12h 25.5m	18 12	7.1x5.2
M088	4501	Spiral Galaxy	N/A	11.0 12h 32.1m	14 26	7.0x4.0
M091	4548	Spiral Galaxy	N/A	11.5 12h 35.5m	14 30	5.4x4.4
M098	4192	Spiral Galaxy	N/A	11.0 12h 13.9m	14 55	9.5x3.2
M099	4254	Spiral Galaxy	N/A	10.5 12h 18.9m	14 26	5.4x4.8
M100	4321	Spiral Galaxy	N/A	10.5 12h 23.0m	15 50	7.0x6.0
<i>Cygnus</i>						
Messier #	NGC#	Type	Name, If Any	Mag. RA	Dec.	Size
M029	6913	Open Cluster	N/A	9.0 20h 23.9m	38 32	7.0
M039	7092	Open Cluster	N/A	5.5 21h 32.2m	48 26	32.0
<i>Draco</i>						
Messier #	NGC#	Type	Name, If Any	Mag. RA	Dec.	Size
M102	5866	Lenticular (S0) Galaxy	Spindle Galaxy	10.5 15h 6.5m	55 45	5.2x2.3
<i>Gemini</i>						
Messier #	NGC#	Type	Name, If Any	Mag. RA	Dec.	Size
M035	2168	Open Cluster	N/A	5.5 6h 8.9m	24 20	28.0

The Ultimate Messier Object Log - Atlas Info

(by constellation)

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	☐	
M092	6341	Globular Cluster	N/A	7.5 17h 17.1m	43 8	11.2	E	☐	

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	☐	
M068	4590	Globular Cluster	N/A	9.0 12h 39.5m	-26 45	12.0	C	☐	
M083	5236	Spiral Galaxy	Small Pinwheel Galaxy	8.5 13h 37.1m	-29 52	11.0x10.0	T	☐	

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	☐	
M066	3627	Spiral Galaxy	N/A	10.0 11h 20.2m	13 0	8.0x2.5	C	☐	
M095	3351	Spiral Galaxy	N/A	11.0 10h 43.9m	11 42	4.4x3.3	T2	☐	
M096	3368	Spiral Galaxy	N/A	10.5 10h 46.7m	11 49	6.0x4.0	T2	☐	
M105	3379	Elliptical Galaxy	N/A	11.0 10h 47.8m	12 35	2.0	T2	☐	

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	☐	

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	☐	
M057	6720	Planetary Nebula	Ring Nebula	9.5 18h 53.6m	33 2	1.4x1.0	?	☐	

Monocerus

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	☐	

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	☐	
M010	6254	Globular Cluster	N/A	6.6 16h 57.1m	-4 6	15.1	E	☐	

The Ultimate Messier Object Log - Atlas Info

(by constellation)

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

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	☐	
M043	1982	Diffuse Nebula	de Mairan's Nebula	7.0 5h 35.5m	-5 16	20.0x15.0	?	☐	
M078	2068	Diffuse Nebula	N/A	8.0 5h 46.8m	0 4	8.0x6.0	T	☐	

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	☐	

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	☐	
M076	0650	Planetary Nebula	Little Dumbell, Cork, Butterfly	12.0 1h 42.4m	51 34	2.7x1.8	C2	☐	

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	☐	

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	☐	
M047	2422	Open Cluster	N/A	4.5 7h 36.6m	-14 30	30.0	E	☐	
M093	2447	Open Cluster	N/A	6.5 7h 44.6m	-23 52	22.0	E	☐	

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	☐	

The Ultimate Messier Object Log - Atlas Info

(by constellation)

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	☐	
M017	6618	Diffuse Nebula	Omega, Swan, Horseshoe	7.0 18h 20.8m	-16 11	11.0	E	☐	
M018	6613	Open Cluster	N/A	8.0 18h 19.9m	-17 8	9.0	E	☐	
M020	6514	Diffuse Nebula	Trifid Nebula	5.0 18h 2.3m	-23 2	28.0	C2	☐	
M021	6531	Open Cluster	N/A	7.0 18h 4.6m	-22 30	13.0	?	☐	
M022	6656	Globular Cluster	N/A	6.5 18h 36.4m	-29 54	24.0	E	☐	
M023	6494	Open Cluster	N/A	6.0 17h 56.8m	-19 1	27.0	E	☐	
M024	6603	Star Cloud	Milky Way Patch	11.5 18h 18.4m	-18 25	5.0	E	☐	
M025	IC4725	Open Cluster	N/A	4.9 18h 28.8m	-19 17	40.0	E	☐	
M028	6626	Globular Cluster	N/A	8.5 18h 24.5m	-24 52	11.2	T	☐	
M054	6715	Globular Cluster	N/A	8.5 18h 55.1m	-30 29	9.1	C	☐	
M055	6809	Globular Cluster	N/A	7.0 19h 40.0m	-30 58	19.0	E	☐	
M069	6637	Globular Cluster	N/A	9.0 18h 34.4m	-32 21	7.1	T2	☐	
M070	6681	Globular Cluster	N/A	9.0 18h 43.2m	-32 18	7.8	T2	☐	
M075	6864	Globular Cluster	N/A	9.5 20h 6.1m	-21 55	6.0	C	☐	

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	☐	

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	☐	
M007	6475	Open Cluster	Ptolemy's Cluster	3.3 17h 53.9m	-34 49	80.0	E	☐	
M080	6093	Globular Cluster	N/A	8.5 16h 17.0m	-22 59	8.9	T	☐	

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	☐	
M026	6694	Open Cluster	N/A	9.5 18h 45.2m	-9 24	15.0	C	☐	

The Ultimate Messier Object Log - Atlas Info

(by constellation)

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	☐	
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	☐	
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	☐	
M045	1432	Open Cluster	Pleiades, Subaru, Seven Sisters	1.4 3h 47.0m	24 07	110.0	E	☐	
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	☐	
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	☐	
M051	5194	Spiral Galaxy	Whirlpool Galaxy	8.0 13h 30.0m	47 11	11.0x7.0	C	☐	
M081	3031	Spiral Galaxy	Bode's Galaxy - 1/2 of Double	8.5 9h 55.6m	69 4	21.0x10.0	T	☐	
M082	3034	Irregular Galaxy	Cigar Galaxy - 1/2 of Double	9.5 9h 55.9m	69 41	9.x4.0	T	☐	
M097	3587	Planetary Nebula	Owl Nebula	12.0 11h 14.8m	55 1	3.4x3.3	C	☐	
M101	5457	Spiral Galaxy	Pinwheel Galaxy	8.5 14h 3.3m	54 22	22.0	C	☐	
M106	4258	Spiral Galaxy	N/A	9.5 12h 18.9m	47 19	19.0x8.0	C	☐	
M108	3556	Spiral Galaxy	N/A	11.0 11h 11.6m	55 41	8.0x1.0	T2	☐	
M109	3992	Spiral Galaxy	N/A	11.0 11h 57.6m	53 23	7.0x4.0	T2	☐	
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	☐	
M058	4579	Spiral Galaxy	N/A	11.0 12h 37.8m	11 50	5.5x4.5	T2	☐	
M059	4621	Elliptical Galaxy	N/A	11.5 12h 42.1m	11 39	5.0x3.5	T2	☐	
M060	4649	Elliptical Galaxy	N/A	10.5 12h 43.7m	11 34	7.0x6.0	E2	☐	

The Ultimate Messier Object Log - Atlas Info

(by constellation)

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

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	☐	

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	☐	
M013	6205	Hercules	16h 41.7m	36 28	5.9	16.6	☐	
M092	6341	Hercules	17h 17.1m	43 8	7.5	11.2	☐	
M083	5236	Hydra	13h 37.1m	-29 52	8.5	11.0x10.0	☐	
M009	6333	Ophiucus	17h 19.2m	-18 31	7.9	9.3	☐	
M010	6254	Ophiucus	16h 57.1m	-4 6	6.6	15.1	☐	
M012	6218	Ophiucus	16h 47.2m	-1 57	6.6	14.5	☐	
M014	6402	Ophiucus	17h 37.6m	-3 15	7.6	11.7	☐	
M019	6273	Ophiucus	17h 2.6m	-26 16	8.5	13.5	☐	
M062	6266	Ophiucus	17h 1.2m	-30 7	8.0	14.1	☐	
M107	6171	Ophiucus	16h 32.5m	-13 3	10.0	10.0	☐	
M004	6121	Scorpio	16h 23.6m	-26 32	5.9	26.3	☐	
M006	6405	Scorpius	17h 40.1m	-32 13	4.2	15.0	☐	
M007	6475	Scorpius	17h 53.9m	-34 49	3.3	80.0	☐	
M080	6093	Scorpius	16h 17.0m	-22 59	8.5	8.9	☐	
M005	5904	Serpens Caput	15h 18.6m	2 5	5.8	17.4	☐	

Late Summer

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

Fall/Early Winter

Messier #	NGC #	Constellation	RA	Dec	Mag.	Size	Seen?	Date
M002	7089	Aquarius	21h 33.5m	-0 49	6.5	12.9	☐	
M072	6981	Aquarius	20h 53.5m	-12 32	10.0	5.9	☐	

The Ultimate Messier Object Log - View by Season

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

Winter

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