

The Ultimate Messier Object Log

Messier # M074

NGC 0628

Seen? ☐

Date seen

Type **Spiral Galaxy**
 Name (if any) **N/A**
 Constellation **Pisces**
 Marathon Order # **2**

Magnitude

10.5



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

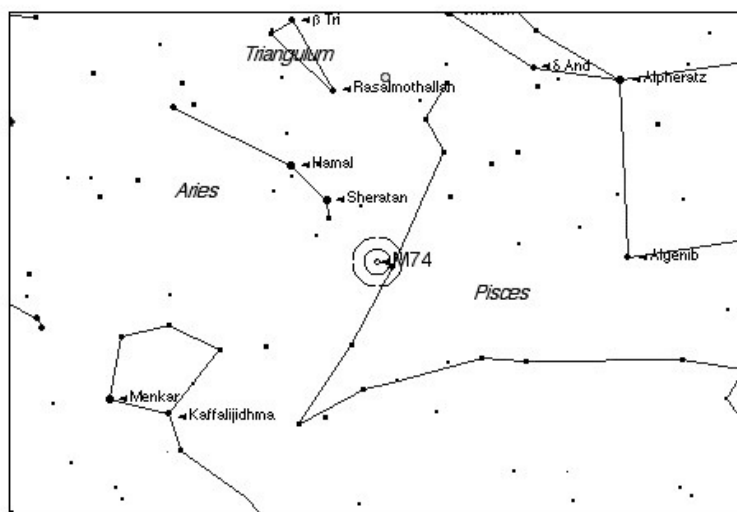
Equipment

Sky Conditions Transparency Seeing

Session Notes

Observing Notes

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



The Ultimate Messier Object Log

Messier # M077

NGC 1068

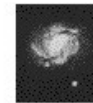
Seen? ☐

Date seen

Type Spiral Galaxy
Name (if any) N/A
Constellation Cetus
Marathon Order # 1

Magnitude

10.5



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

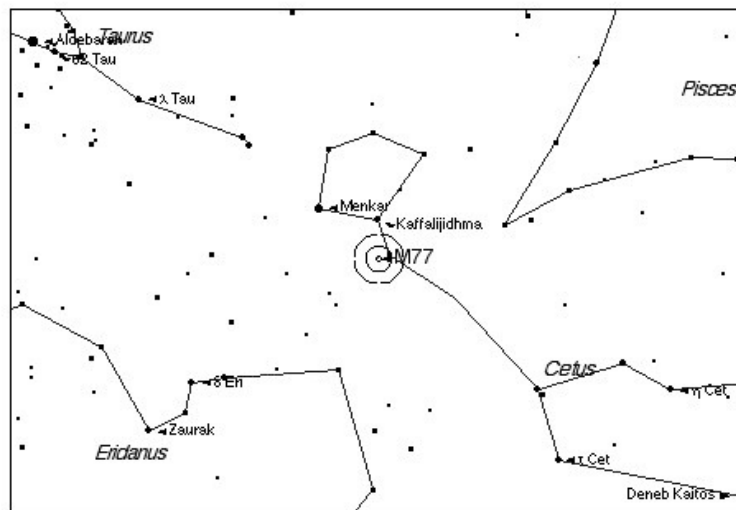
Sky Conditions Transparency

Seeing

Session Notes

Observing Notes

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



The Ultimate Messier Object Log

Messier # M031

NGC 0224

Seen? ☐

Date seen

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

Magnitude

4.5



RA 0h 42.8m Dec 41 16 Size 178.0

Sky Atlas 2000 page 4 Other Chart Page(s) (Enter page # from your favorite chart here.)

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

Personal Viewing Notes

Viewing Time Comments

Observing Site

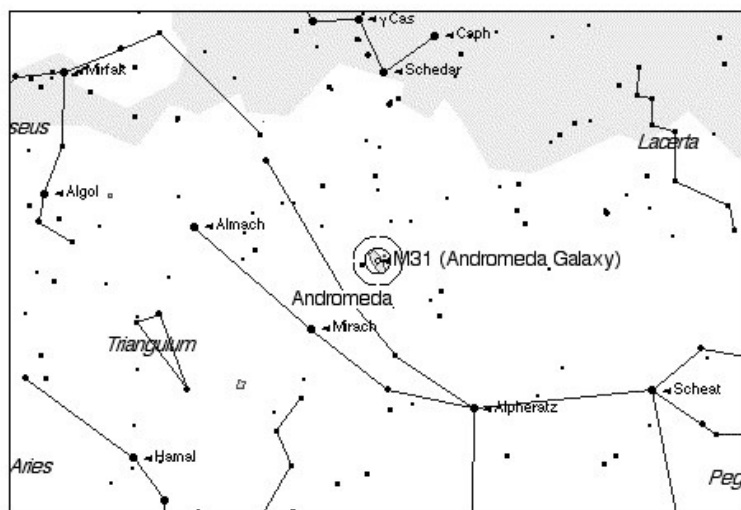
Equipment

Sky Conditions Transparency Seeing

Session Notes

Observing Notes

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



The Ultimate Messier Object Log

Messier # M032

NGC 0221

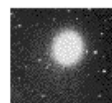
Seen? ☐

Date seen

Type Elliptical Galaxy
Name (if any) Satellite of M31
Constellation Andromeda
Marathon Order # 5

Magnitude

10.0



RA 0h 42.8m Dec 40 52 Size 8.0x6.0

Sky Atlas 2000 page 4 Other Chart Page(s) (Enter page # from your favorite chart here.)

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

Personal Viewing Notes

Viewing Time Comments

Observing Site

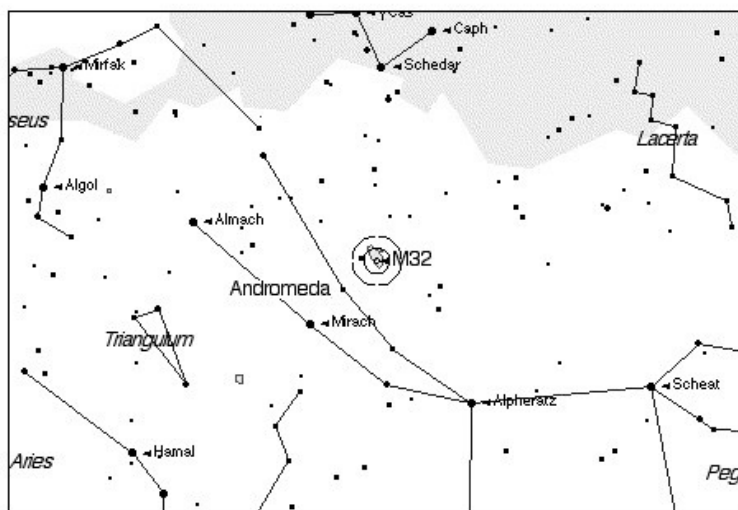
Equipment

Sky Conditions Transparency Seeing

Session Notes

Observing Notes

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



The Ultimate Messier Object Log

Messier # M110

NGC 0205

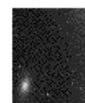
Seen? ☐

Date seen

Type Elliptical Galaxy
Name (if any) Satellite of M31
Constellation Andromeda
Marathon Order # 6

Magnitude

10.0



RA 0h 40.4m Dec 41 41 Size 17.0x10.0

Sky Atlas 2000 page 4 Other Chart Page(s) (Enter page # from your favorite chart here.)

Binocular Difficulty C2

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

Personal Viewing Notes

Viewing Time Comments

Observing Site

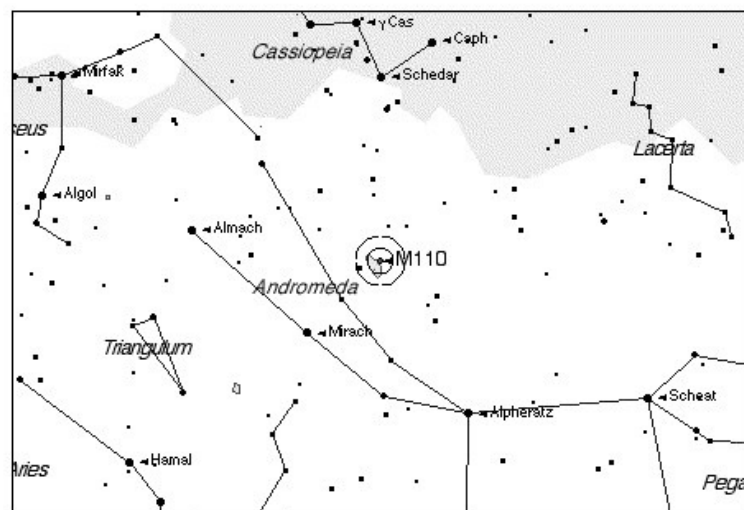
Equipment

Sky Conditions Transparency Seeing

Session Notes

Observing Notes

Star chart created by StarryNight Pro(TM) courtesy of Space.com Software



The Ultimate Messier Object Log

Messier # M033

NGC 0598

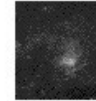
Seen? ☐

Date seen

Type Spiral Galaxy
Name (if any) Triangulum (also Pinwheel)
Constellation Triangulum
Marathon Order # 3

Magnitude

7.0



RA 1h 33.9m Dec 30 40 Size 73.0x45.0

Sky Atlas 2000 page 4 Other Chart Page(s) (Enter page # from your favorite chart here.)

Binocular Difficulty T2

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

Personal Viewing Notes

Viewing Time Comments

Observing Site

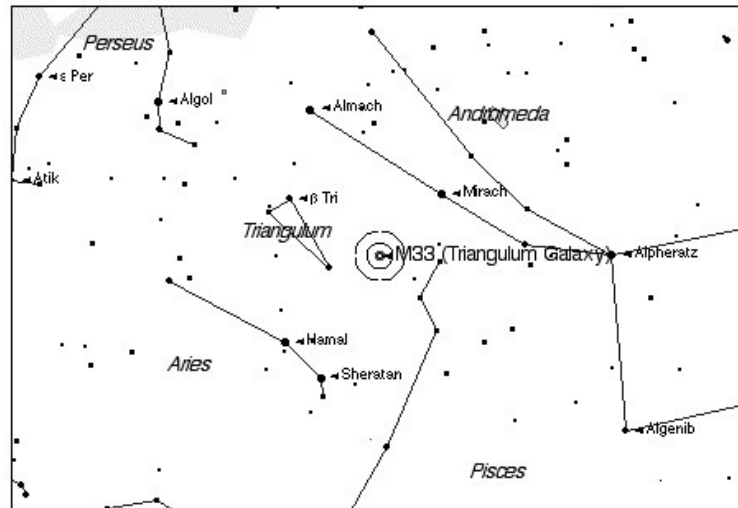
Equipment

Sky Conditions Transparency Seeing

Session Notes

Observing Notes

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



The Ultimate Messier Object Log

Messier # M052

NGC 7654

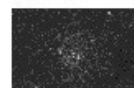
Seen? ☐

Date seen

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

Magnitude

8.0



RA 23h 24.2m Dec 61 35 Size 13.0

Sky Atlas 2000 page 3 Other Chart Page(s) (Enter page # from your favorite chart here.)

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

Personal Viewing Notes

Viewing Time Comments

Observing Site

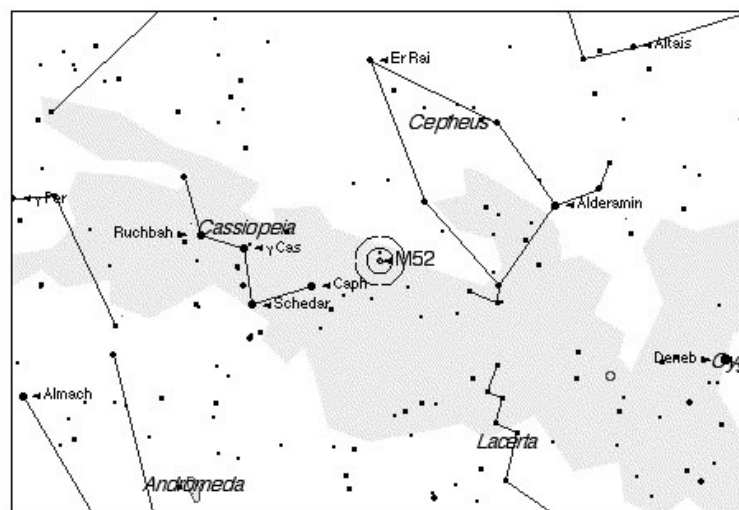
Equipment

Sky Conditions Transparency Seeing

Session Notes

Observing Notes

Star chart created by StarryNight Pro(TM) courtesy of Space.com Software



The Ultimate Messier Object Log

Messier # M103

NGC 0581

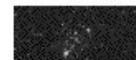
Seen? ☐

Date seen

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

Magnitude

7.0



RA 1h 33.2m Dec 60 42 Size 6.0

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

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

Personal Viewing Notes

Viewing Time Comments

Observing Site

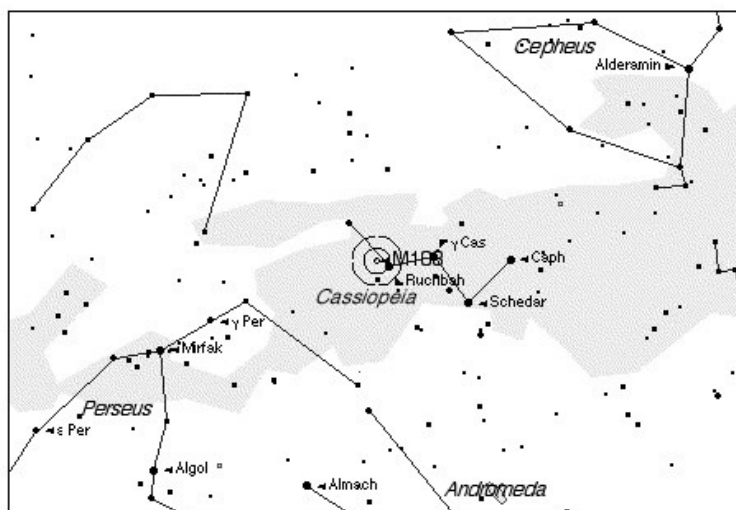
Equipment

Sky Conditions Transparency Seeing

Session Notes

Observing Notes

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



The Ultimate Messier Object Log

Messier # M076

NGC 0650

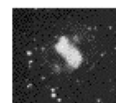
Seen? ☐

Date seen

Type Planetary Nebula
 Name (if any) Little Dumbbell, Cork, Butterfly
 Constellation Perseus
 Marathon Order # 9

Magnitude

12.0



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

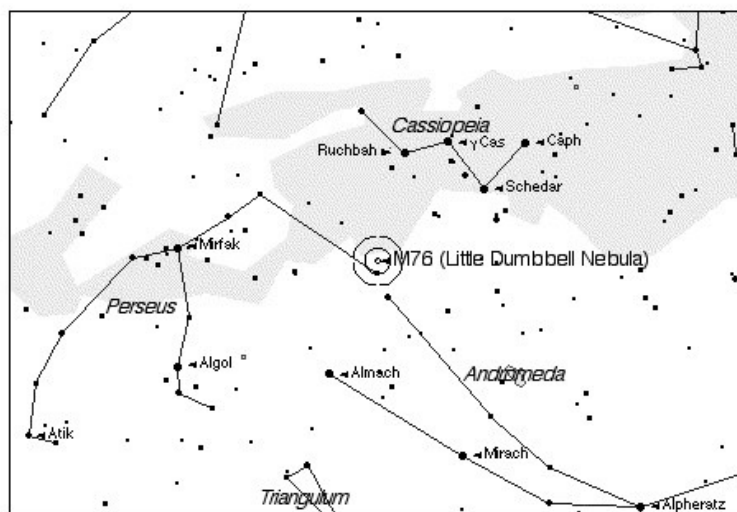
Equipment

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 # M034

NGC 1039

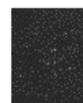
Seen? ☐

Date seen

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

Magnitude

6.0



RA 2h 42.0m Dec 42 47 Size 35.0

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

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

Personal Viewing Notes

Viewing Time Comments

Observing Site

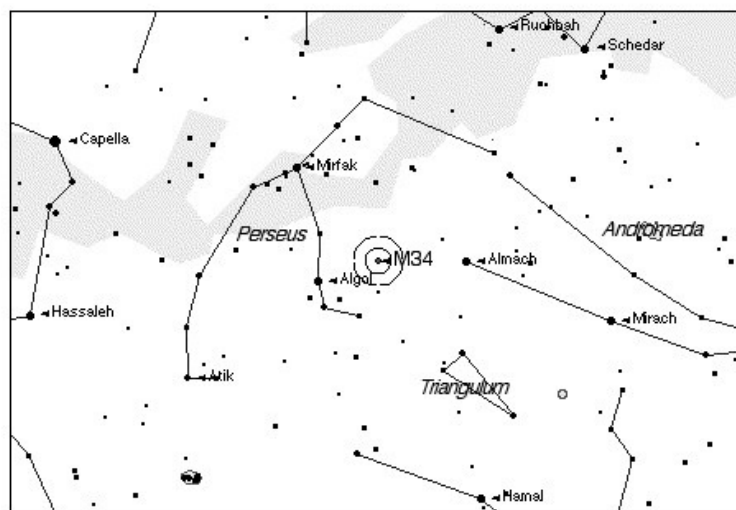
Equipment

Sky Conditions Transparency Seeing

Session Notes

Observing Notes

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



The Ultimate Messier Object Log

Messier # M079

NGC 1904

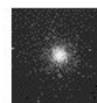
Seen? ☐

Date seen

Type Globular Cluster
Name (if any) N/A
Constellation Lepus
Marathon Order # 12

Magnitude

8.5



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.)

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

Binocular Difficulty T2

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

Personal Viewing Notes

Viewing Time Comments

Observing Site

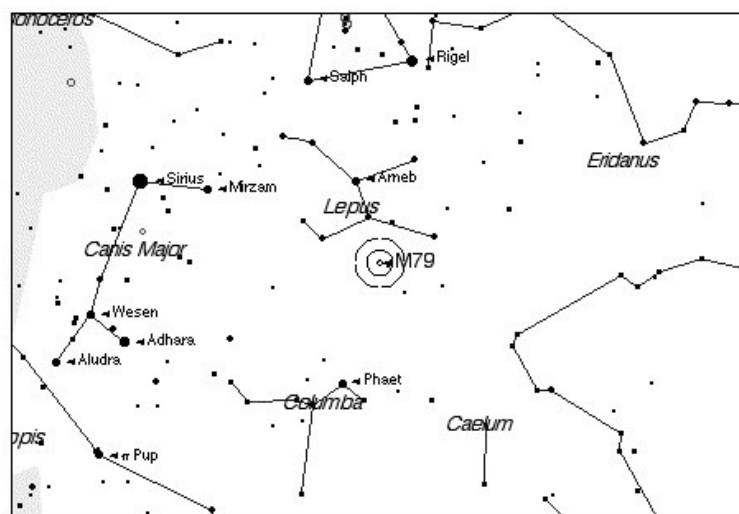
Equipment

Sky Conditions Transparency Seeing

Session Notes

Observing Notes

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



The Ultimate Messier Object Log

Messier # M042

NGC 1976

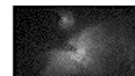
Seen? ☐

Date seen

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

Magnitude

5.0



RA 5h 35.3m Dec -5 23 Size 85.0x60.0

Sky Atlas 2000 page 11 Other Chart Page(s) (Enter page # from your favorite chart here.)

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

Binocular Difficulty E

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

Personal Viewing Notes

Viewing Time Comments

Observing Site

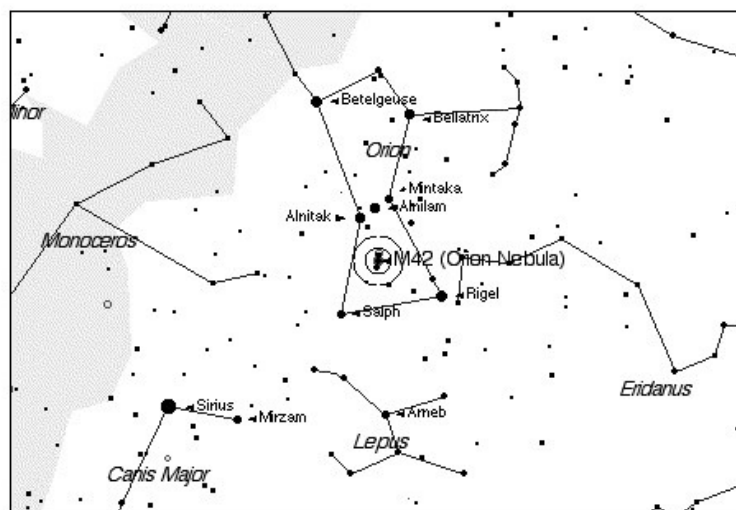
Equipment

Sky Conditions Transparency Seeing

Session Notes

Observing Notes

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



The Ultimate Messier Object Log

Messier # M043

NGC 1982

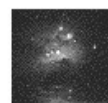
Seen? ☐

Date seen

Type Diffuse Nebula
Name (if any) de Mairan's Nebula
Constellation Orion
Marathon Order # 14

Magnitude

7.0



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

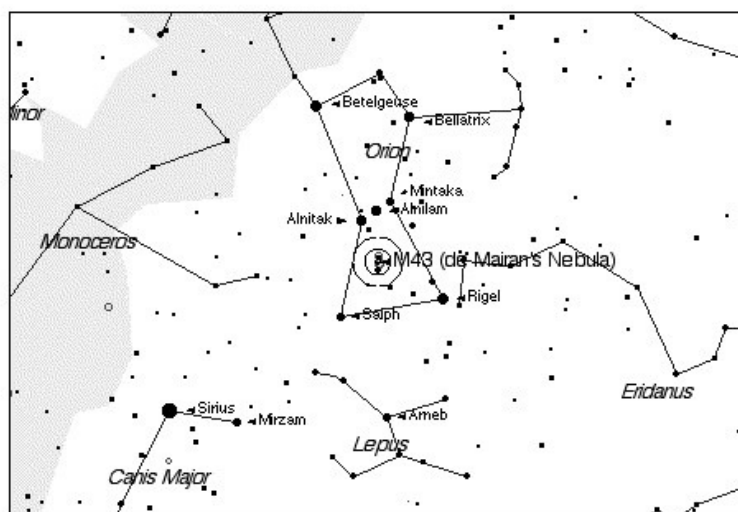
Sky Conditions Transparency

Seeing

Session Notes

Observing Notes

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



The Ultimate Messier Object Log

Messier # M078

NGC 2068

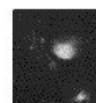
Seen? ☐

Date seen

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

Magnitude

8.0



RA 5h 46.8m Dec 0 4 Size 8.0x6.0

Sky Atlas 2000 page 11 Other Chart Page(s) (Enter page # from your favorite chart here.)

Binocular Difficulty T

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

Personal Viewing Notes

Viewing Time Comments

Observing Site

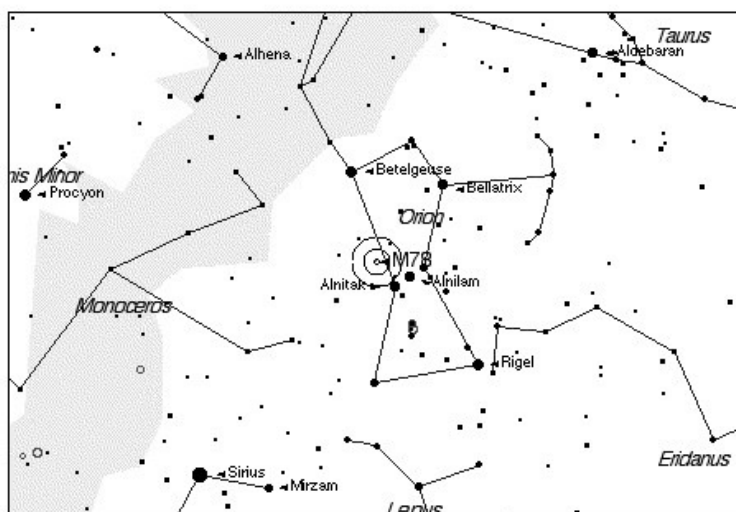
Equipment

Sky Conditions Transparency Seeing

Session Notes

Observing Notes

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



The Ultimate Messier Object Log

Messier # M045

NGC 1432

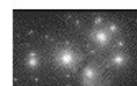
Seen? ☐

Date seen

Type Open Cluster
 Name (if any) Pleiades, Subaru, Seven
 Constellation Taurus
 Marathon Order # 11

Magnitude

1.4



RA 3h 47.0m Dec 24 07 Size 110.0

Sky Atlas 2000 page 4 Other Chart Page(s) (Enter page # from your favorite chart here.)

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

Personal Viewing Notes

Viewing Time Comments

Observing Site

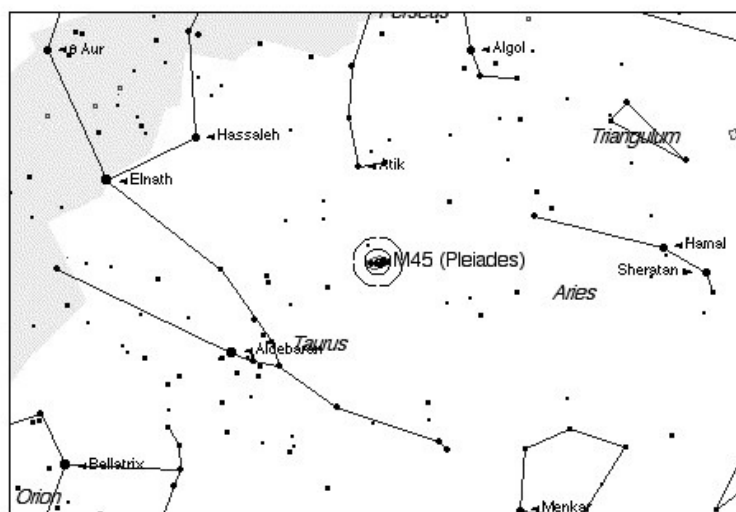
Equipment

Sky Conditions Transparency Seeing

Session Notes

Observing Notes

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



The Ultimate Messier Object Log

Messier # M001

NGC 1952

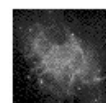
Seen? ☐

Date seen

Type **Supernova remnant**
 Name (if any) **Crab Nebula**
 Constellation **Taurus**
 Marathon Order # **16**

Magnitude

8.4



RA 5h 34.5m Dec 22 01 Size 6.0x4.0

Sky Atlas 2000 page 5 Other Chart Page(s) (Enter page # from your favorite chart here.)

Binocular Difficulty C

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

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

Personal Viewing Notes

Viewing Time Comments

Observing Site

Equipment

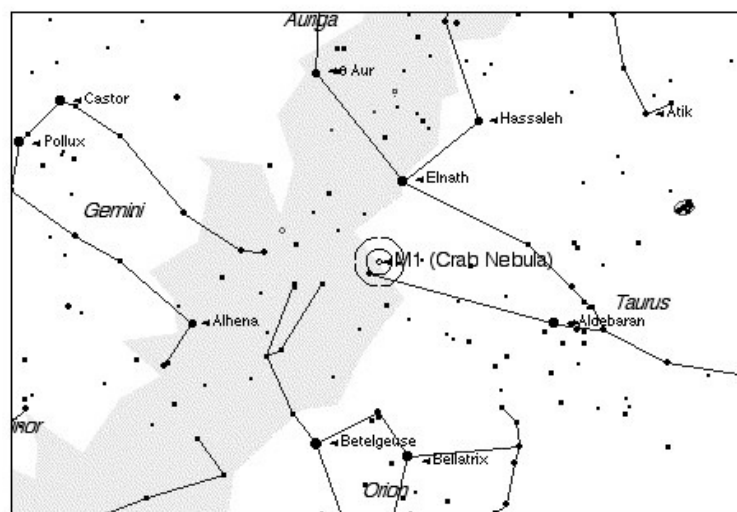
Sky Conditions Transparency

Seeing

Session Notes

Observing Notes

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



The Ultimate Messier Object Log

Messier # M038

NGC 1922

Seen? ☐

Date seen

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

Magnitude

7.0



RA 5h 28.7m Dec 35 50 Size 21.0

Sky Atlas 2000 page 5 Other Chart Page(s) (Enter page # from your favorite chart here.)

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

Personal Viewing Notes

Viewing Time Comments

Observing Site

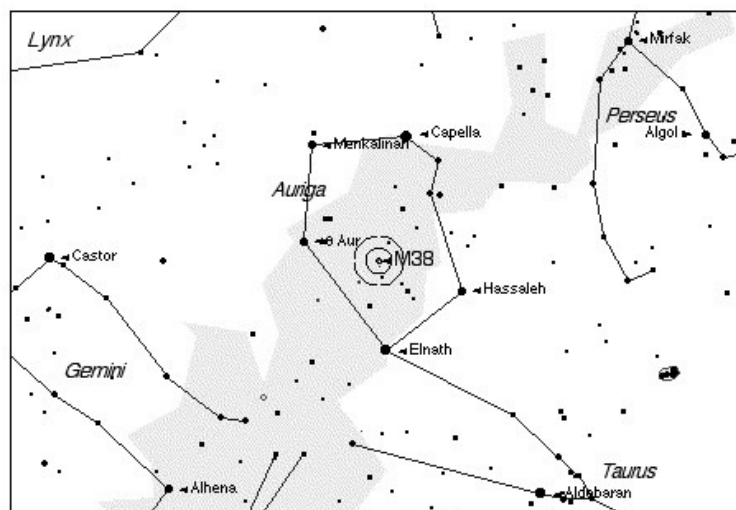
Equipment

Sky Conditions Transparency Seeing

Session Notes

Observing Notes

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



The Ultimate Messier Object Log

Messier # M036

NGC 1960

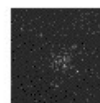
Seen? ☐

Date seen

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

Magnitude

6.5



RA 5h 36.1

Dec 34 08

Size 12.0

Sky Atlas 2000 page 5

Other Chart Page(s)

(Enter page # from your favorite chart here.)

Binocular Difficulty E

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

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

Personal Viewing Notes

Viewing Time Comments

Observing Site

Equipment

Sky Conditions

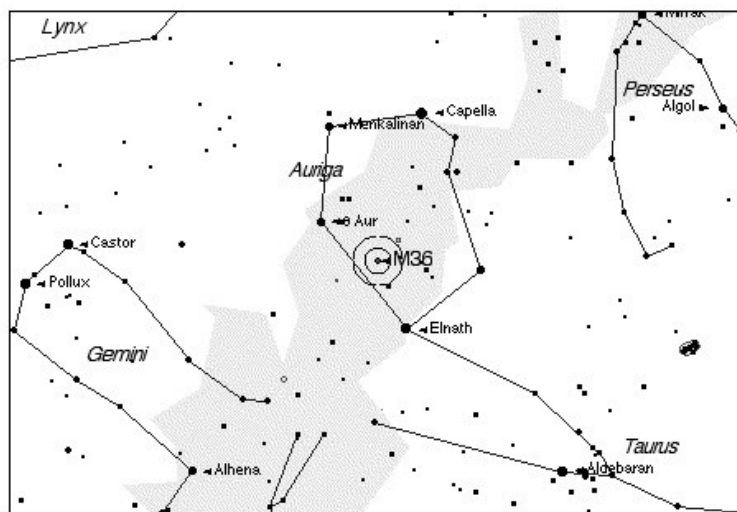
Transparency

Seeing

Session Notes

Observing Notes

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



The Ultimate Messier Object Log

Messier # M037

NGC 2099

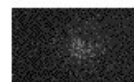
Seen? ☐

Date seen

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

Magnitude

6.0



RA 5h 52.4m Dec 32 33 Size 24.0

Sky Atlas 2000 page 5 Other Chart Page(s) (Enter page # from your favorite chart here.)

Binocular Difficulty E

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

Personal Viewing Notes

Viewing Time Comments

Observing Site

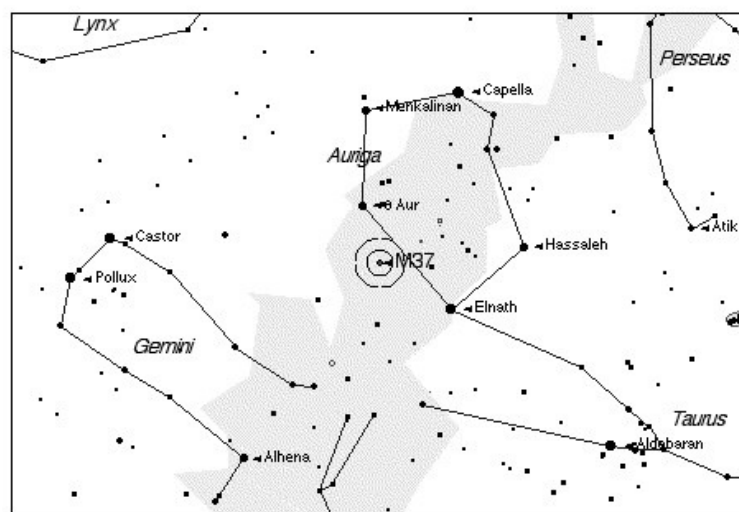
Equipment

Sky Conditions Transparency Seeing

Session Notes

Observing Notes

Star chart created by StarryNight Pro(TM) courtesy of Space.com Software



The Ultimate Messier Object Log

Messier # M035

NGC 2168

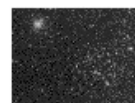
Seen? ☐

Date seen

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

Magnitude

5.5



RA 6h 8.9m

Dec 24 20

Size 28.0

Sky Atlas 2000 page 5

Other Chart Page(s)

(Enter page # from your favorite chart here.)

Binocular Difficulty E

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

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

Personal Viewing Notes

Viewing Time Comments

Observing Site

Equipment

Sky Conditions

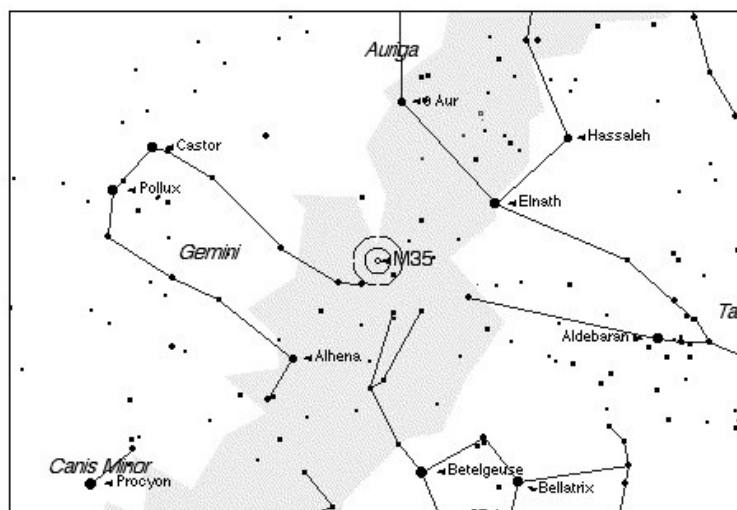
Transparency

Seeing

Session Notes

Observing Notes

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



The Ultimate Messier Object Log

Messier # M041

NGC 2287

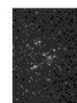
Seen? ☐

Date seen

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

Magnitude

5.0



RA 6h 47.0m Dec -20 44 Size 38.0

Sky Atlas 2000 page 19

Other Chart Page(s)

(Enter page # from your favorite chart here.)

Binocular Difficulty E

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

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

Personal Viewing Notes

Viewing Time Comments

Observing Site

Equipment

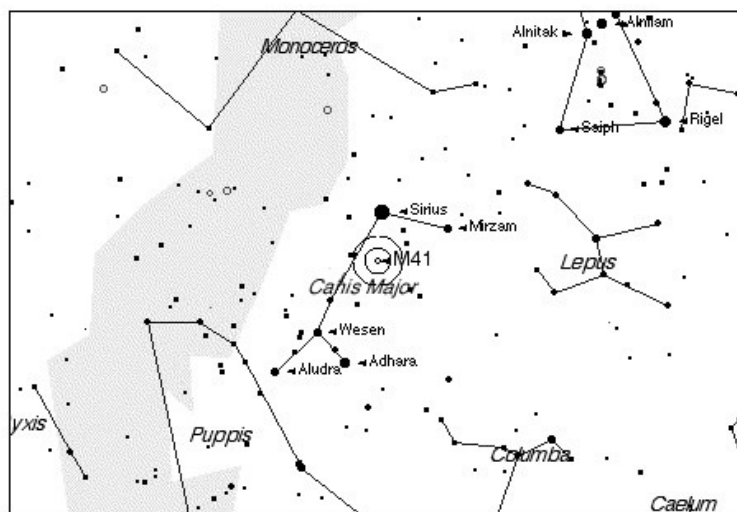
Sky Conditions Transparency

Seeing

Session Notes

Observing Notes

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



The Ultimate Messier Object Log

Messier # M050

NGC 2323

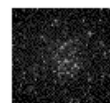
Seen? ☐

Date seen

Type Open Cluster
Name (if any) N/A
Constellation Monoceros
Marathon Order # 25

Magnitude

7.0



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

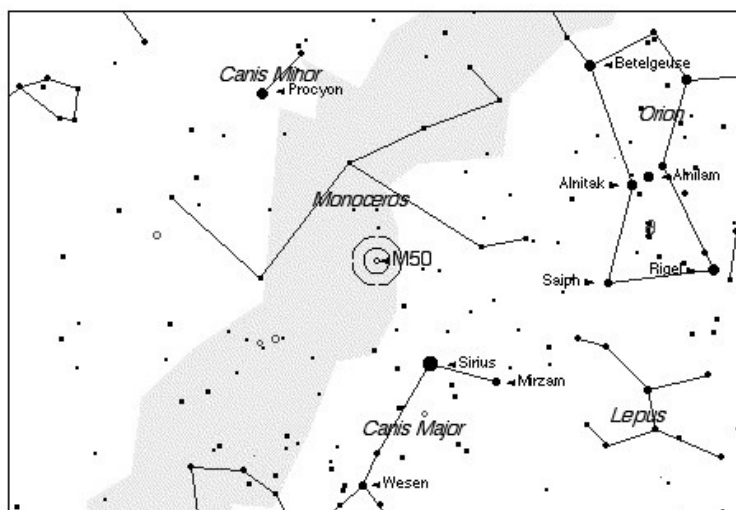
Sky Conditions Transparency

Seeing

Session Notes

Observing Notes

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



The Ultimate Messier Object Log

Messier # M093

NGC 2447

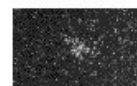
Seen? ☐

Date seen

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

Magnitude

6.5



RA 7h 44.6m Dec -23 52 Size 22.0

Sky Atlas 2000 page 19 Other Chart Page(s) (Enter page # from your favorite chart here.)

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

Binocular Difficulty E

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

Personal Viewing Notes

Viewing Time Comments

Observing Site

Equipment

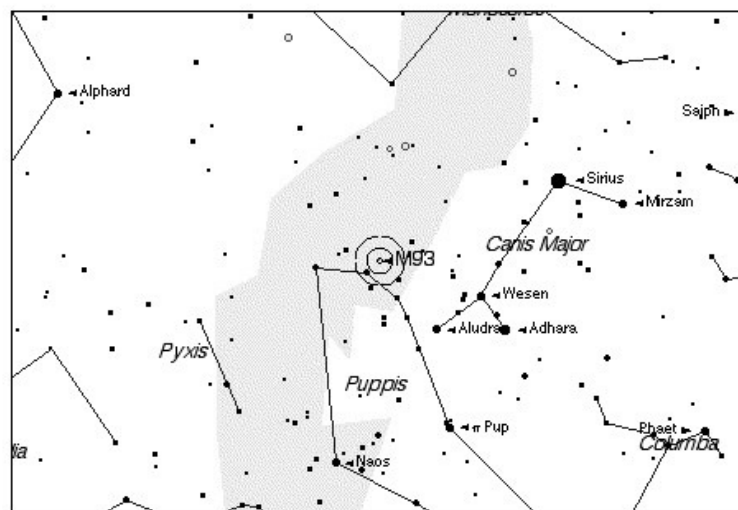
Sky Conditions Transparency

Seeing

Session Notes

Observing Notes

Star chart created by StarryNight Pro(TM) courtesy of Space.com Software



The Ultimate Messier Object Log

Messier # M046

NGC 2437

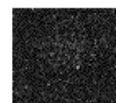
Seen? ☐

Date seen

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

Magnitude

6.5



RA 7h 41.8m Dec -14 49 Size 27.0

Sky Atlas 2000 page 12 Other Chart Page(s) (Enter page # from your favorite chart here.)

Binocular Difficulty E

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

Personal Viewing Notes

Viewing Time Comments

Observing Site

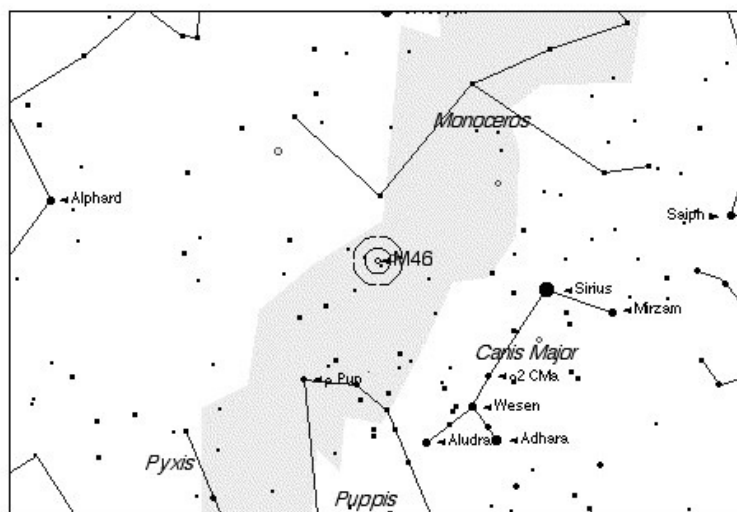
Equipment

Sky Conditions Transparency Seeing

Session Notes

Observing Notes

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



The Ultimate Messier Object Log

Messier # M047

NGC 2422

Seen? ☐

Date seen

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

Magnitude

4.5



RA 7h 36.6m Dec -14 30 Size 30.0

Sky Atlas 2000 page 12 Other Chart Page(s) (Enter page # from your favorite chart here.)

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

Personal Viewing Notes

Viewing Time Comments

Observing Site

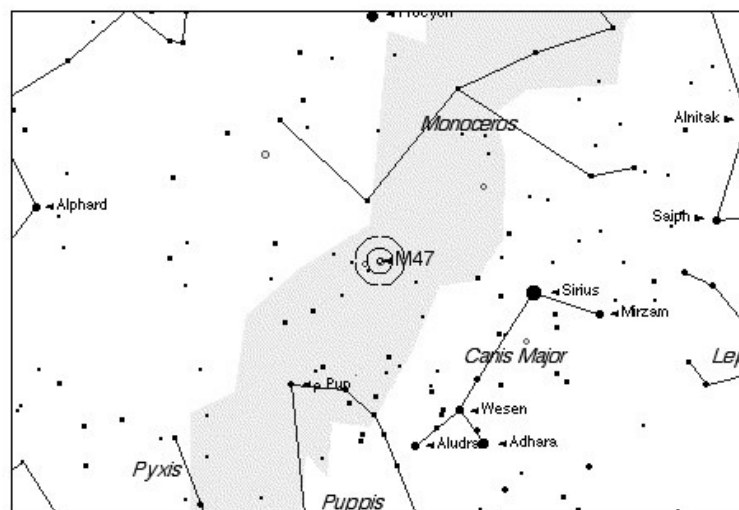
Equipment

Sky Conditions Transparency Seeing

Session Notes

Observing Notes

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



The Ultimate Messier Object Log

Messier # M048

NGC 2548

Seen? ☐

Date seen

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

Magnitude

5.5



RA 8h 13.8m Dec -5 48 Size 54.0

Sky Atlas 2000 page 12 Other Chart Page(s) (Enter page # from your favorite chart here.)

Binocular Difficulty E

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

Personal Viewing Notes

Viewing Time Comments

Observing Site

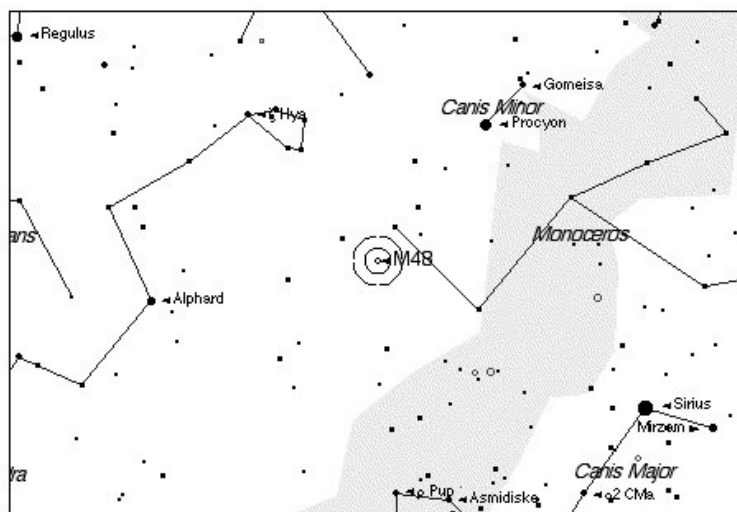
Equipment

Sky Conditions Transparency Seeing

Session Notes

Observing Notes

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



The Ultimate Messier Object Log

Messier # M067

NGC 2628

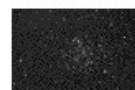
Seen? ☐

Date seen

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

Magnitude

7.5



RA 8h 50.4m Dec 11 49 Size 30.0

Sky Atlas 2000 page 12 Other Chart Page(s) (Enter page # from your favorite chart here.)

Binocular Difficulty E

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

Personal Viewing Notes

Viewing Time Comments

Observing Site

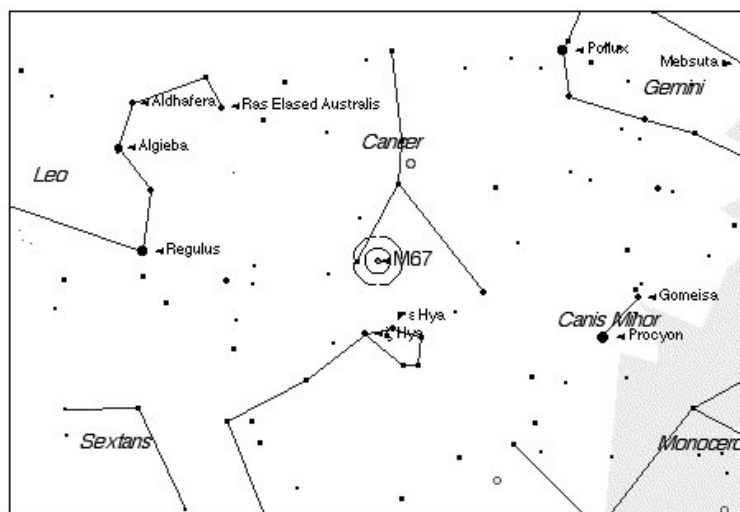
Equipment

Sky Conditions Transparency Seeing

Session Notes

Observing Notes

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



The Ultimate Messier Object Log

Messier # M044

NGC 2632

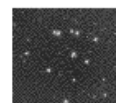
Seen? ☐

Date seen

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

Magnitude

4.0



RA 8h 40.1m Dec 19 59 Size 95.0

Sky Atlas 2000 page 6 Other Chart Page(s) (Enter page # from your favorite chart here.)

Binocular Difficulty E

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

Personal Viewing Notes

Viewing Time Comments

Observing Site

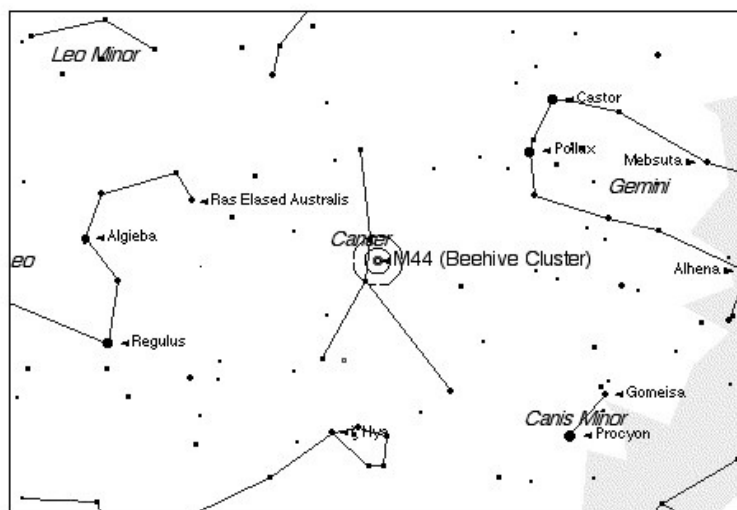
Equipment

Sky Conditions Transparency Seeing

Session Notes

Observing Notes

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



The Ultimate Messier Object Log

Messier # M095

NGC 3351

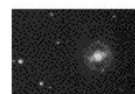
Seen? ☐

Date seen

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

Magnitude

11.0



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

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

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

Personal Viewing Notes

Viewing Time Comments

Observing Site

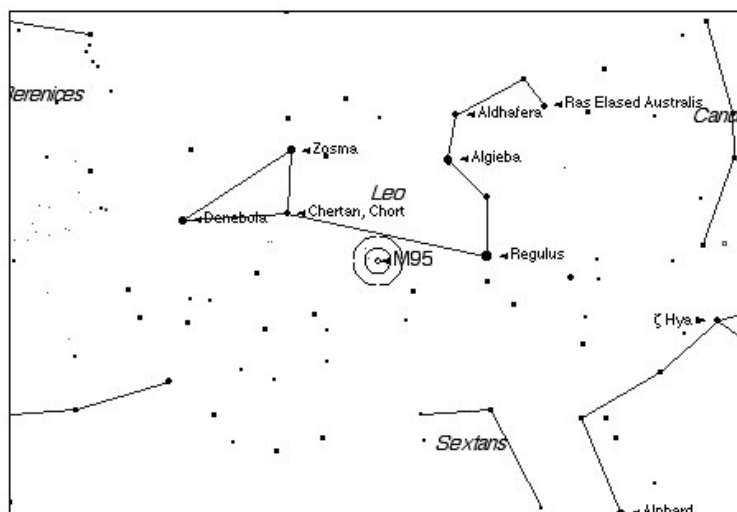
Equipment

Sky Conditions Transparency Seeing

Session Notes

Observing Notes

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



The Ultimate Messier Object Log

Messier # M096

NGC 3368

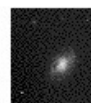
Seen? ☐

Date seen

Type Spiral Galaxy
Name (if any) N/A
Constellation Leo
Marathon Order # 29

Magnitude

10.5



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

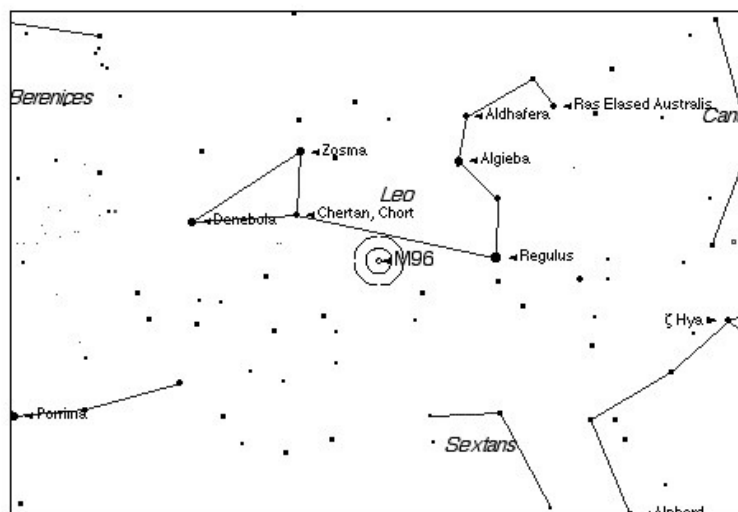
Equipment

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 # M105

NGC 3379

Seen? ☐

Date seen

Type Elliptical Galaxy
Name (if any) N/A
Constellation Leo
Marathon Order # 31

Magnitude

11.0



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

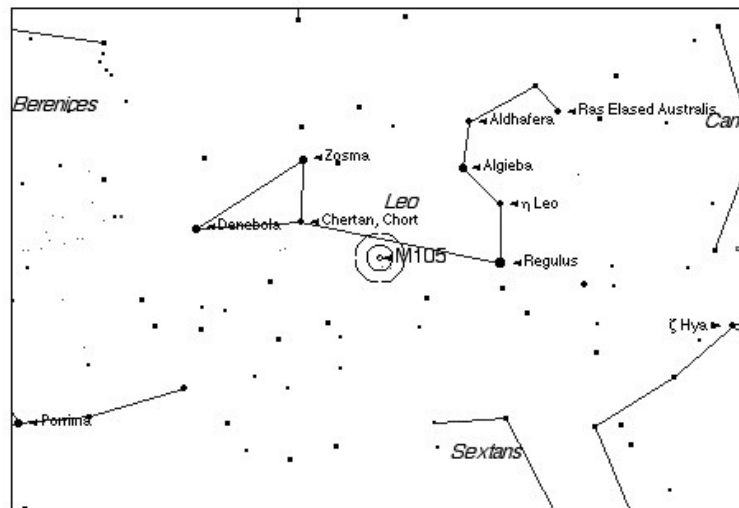
Equipment

Sky Conditions Transparency Seeing

Session Notes

Observing Notes

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



The Ultimate Messier Object Log

Messier # M065

NGC 3623

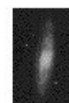
Seen? ☐

Date seen

Type **Spiral Galaxy**
 Name (if any) **N/A**
 Constellation **Leo**
 Marathon Order # **32**

Magnitude

10.5



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

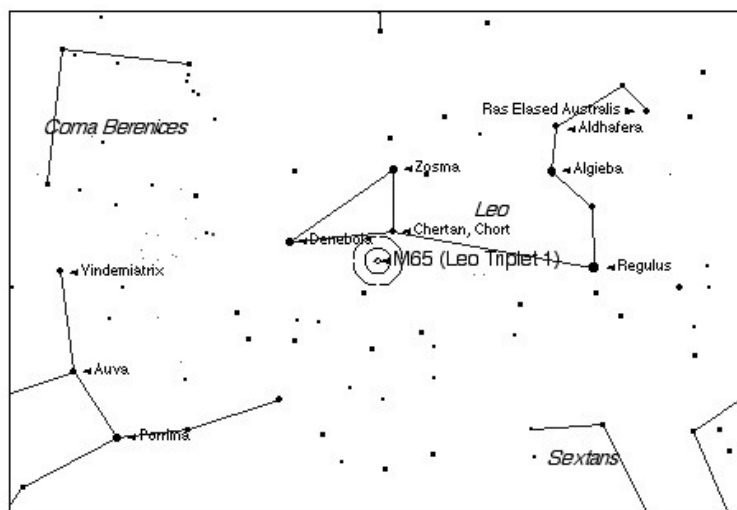
Equipment

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

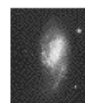
Seen? ☐

Date seen

Type Spiral Galaxy
Name (if any) N/A
Constellation Leo
Marathon Order # 33

Magnitude

10.0



RA 11h 20.2m Dec 13 0 Size 8.0x2.5

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

Binocular Difficulty C

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

Personal Viewing Notes

Viewing Time Comments

Observing Site

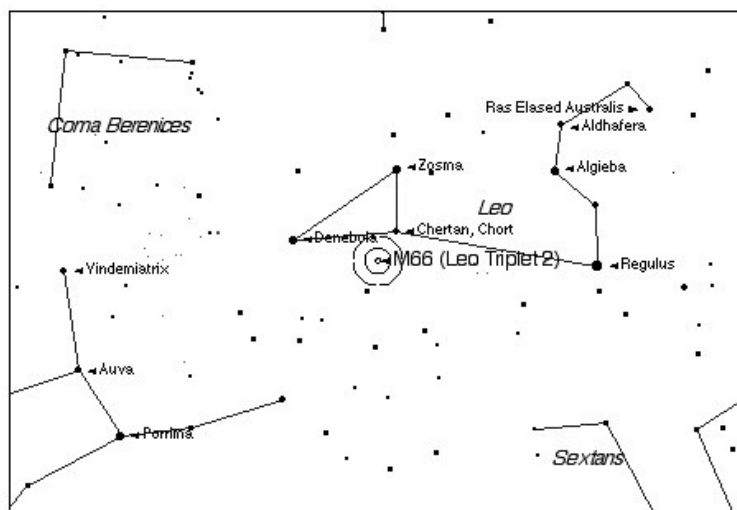
Equipment

Sky Conditions Transparency Seeing

Session Notes

Observing Notes

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



The Ultimate Messier Object Log

Messier # M081

NGC 3031

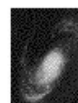
Seen? ☐

Date seen

Type **Spiral Galaxy**
 Name (if any) **Bode's Galaxy - 1/2 of Double**
 Constellation **Ursa Major**
 Marathon Order # **34**

Magnitude

8.5



RA 9h 55.6m Dec 69 4 Size 21.0x10.0

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

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

Personal Viewing Notes

Viewing Time Comments

Observing Site

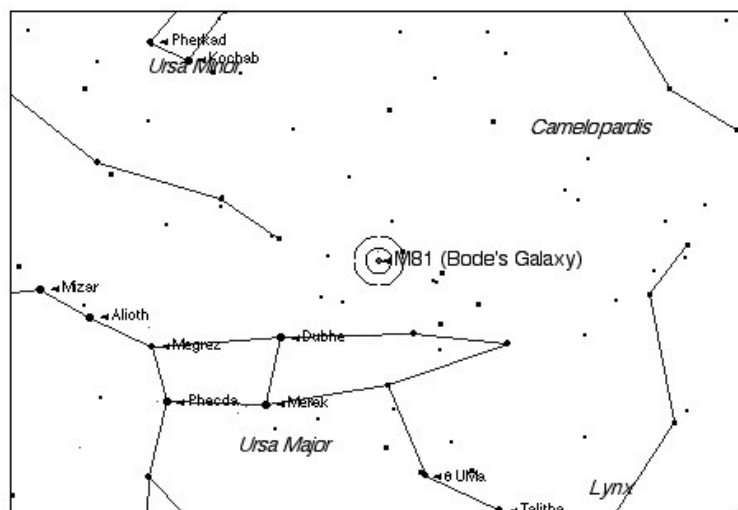
Equipment

Sky Conditions Transparency Seeing

Session Notes

Observing Notes

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



The Ultimate Messier Object Log

Messier # M082

NGC 3034

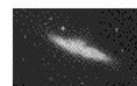
Seen? ☐

Date seen

Type Irregular Galaxy
Name (if any) Cigar Galaxy - 1/2 of Double
Constellation Ursa Major
Marathon Order # 35

Magnitude

9.5



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

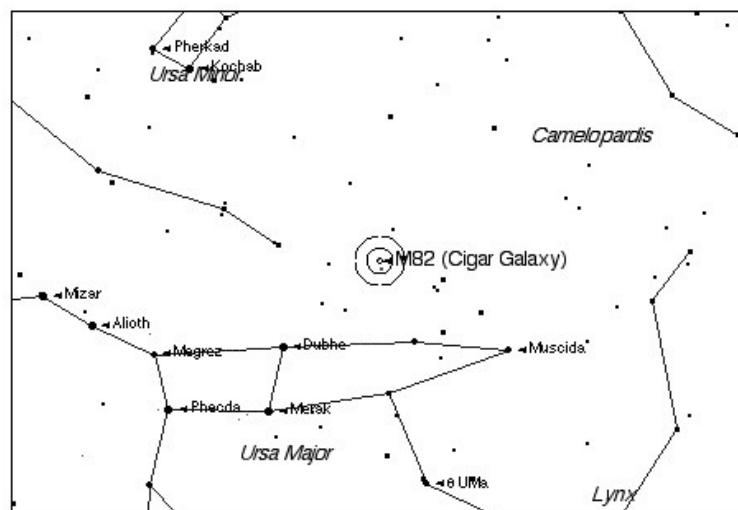
Equipment

Sky Conditions Transparency Seeing

Session Notes

Observing Notes

Star chart's created by StarryNight Pro(TM) courtesy of Space.com Software



The Ultimate Messier Object Log

Messier # M108

NGC 3556

Seen? ☐

Date seen

Type Spiral Galaxy
Name (if any) N/A
Constellation Ursa Major
Marathon Order # 37

Magnitude

11.0



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

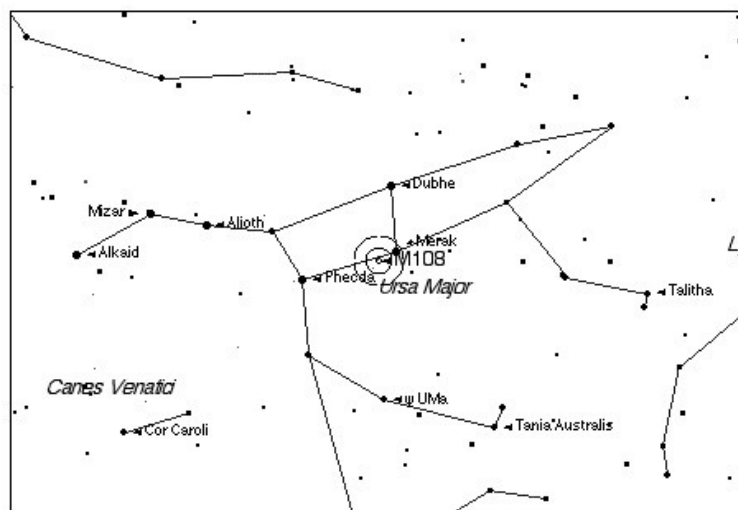
Equipment

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 # M097

NGC 3587

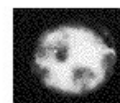
Seen? ☐

Date seen

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

Magnitude

12.0



RA 11h 14.8m Dec 55 1 Size 3.4x3.3

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

Binocular Difficulty C

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

Personal Viewing Notes

Viewing Time Comments

Observing Site

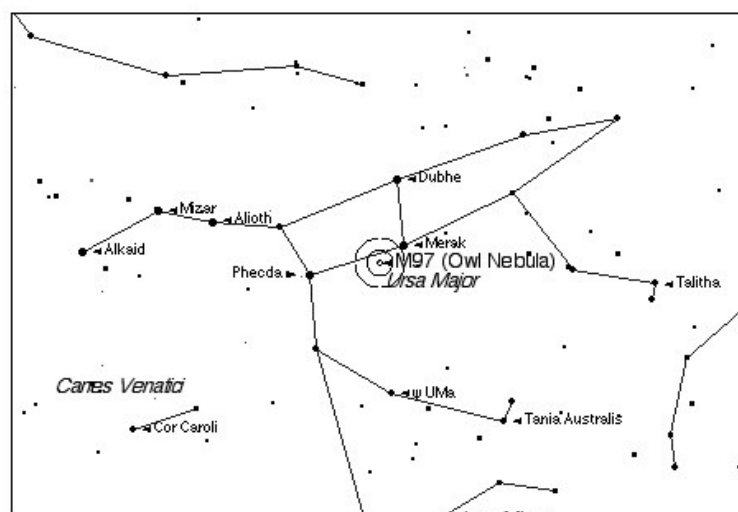
Equipment

Sky Conditions Transparency Seeing

Session Notes

Observing Notes

Star chart created by StarryNight Pro(TM) courtesy of Space.com Software



The Ultimate Messier Object Log

Messier # M051

NGC 5194

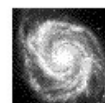
Seen? ☐

Date seen

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

Magnitude

8.0



RA 13h 30.0m Dec 47 11 Size 11.0x7.0

Sky Atlas 2000 page 7 Other Chart Page(s) (Enter page # from your favorite chart here.)

Binocular Difficulty C

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

Personal Viewing Notes

Viewing Time Comments

Observing Site

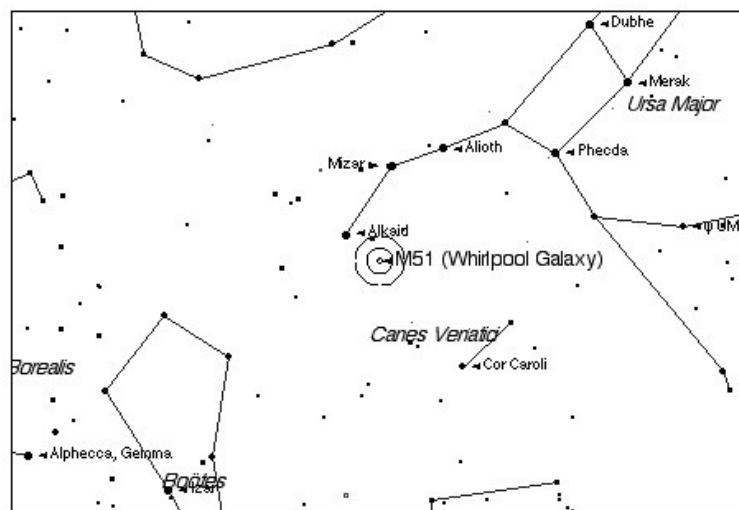
Equipment

Sky Conditions Transparency Seeing

Session Notes

Observing Notes

Star chart created by StarryNight Pro(TM) courtesy of Space.com Software



The Ultimate Messier Object Log

Messier # M109

NGC 3992

Seen? ☐

Date seen

Type Spiral Galaxy
Name (if any) N/A
Constellation Ursa Major
Marathon Order # 38

Magnitude

11.0



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.)

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

Binocular Difficulty T2

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

Personal Viewing Notes

Viewing Time Comments

Observing Site

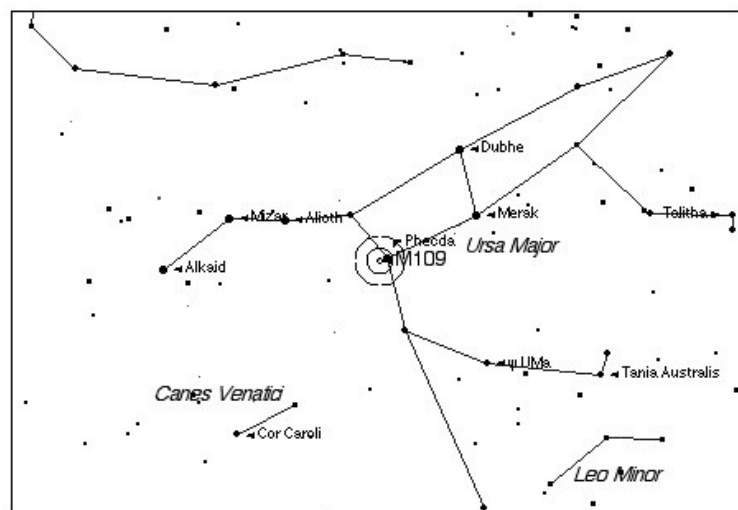
Equipment

Sky Conditions Transparency Seeing

Session Notes

Observing Notes

Star chart created by StarryNight Pro(TM) courtesy of Space.com Software



The Ultimate Messier Object Log

Messier # M040

NGC 7092

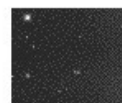
Seen? ☐

Date seen

Type Double Star
Name (if any) Winecke 4
Constellation Ursa Major
Marathon Order # 39

Magnitude

9.0



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.)

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

Binocular Difficulty T

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

Personal Viewing Notes

Viewing Time Comments

Observing Site

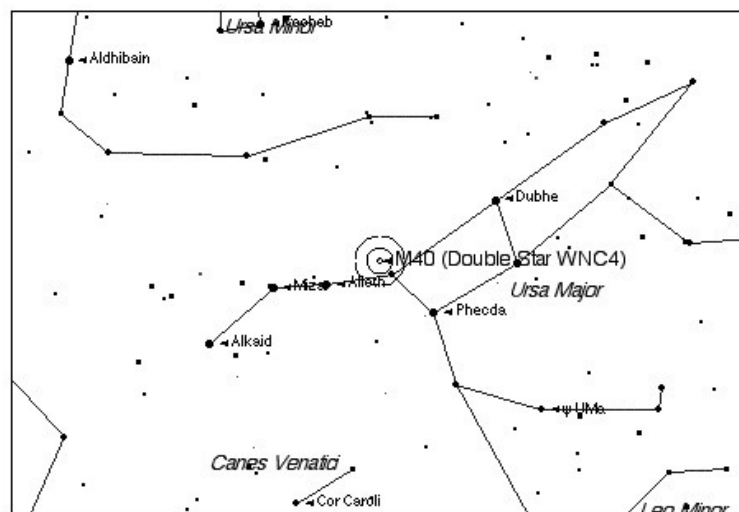
Equipment

Sky Conditions Transparency Seeing

Session Notes

Observing Notes

Star chart created by StarryNight Pro(TM) courtesy of Space.com Software



The Ultimate Messier Object Log

Messier # M101

NGC 54 57

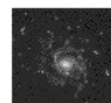
Seen? ☐

Date seen

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

Magnitude

8.5



RA 14h 3.3m Dec 54 22 Size 22.0

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

Binocular Difficulty C

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

Personal Viewing Notes

Viewing Time Comments

Observing Site

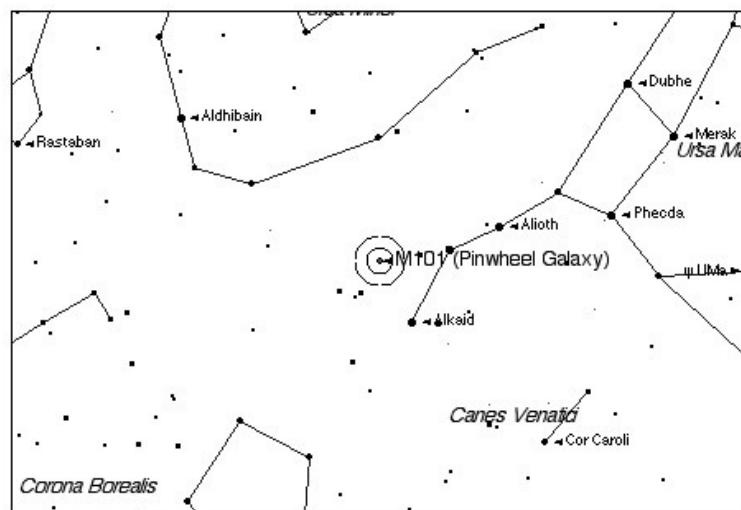
Equipment

Sky Conditions Transparency Seeing

Session Notes

Observing Notes

Star chart created by StarryNight Pro(TM) courtesy of Space.com Software



The Ultimate Messier Object Log

Messier # M102

NGC 5866

Seen? ☐

Date seen

Type Lenticular (S0) Galaxy
Name (if any) Spindle Galaxy
Constellation Draco
Marathon Order # 45

Magnitude

10.5



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

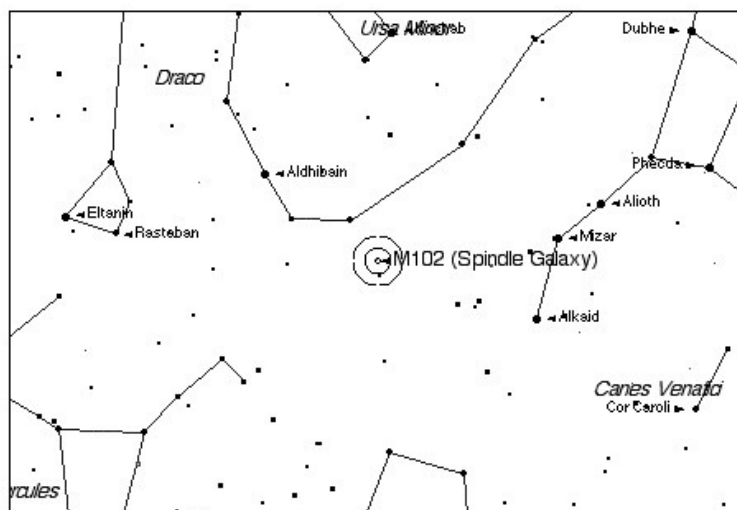
Transparency

Seeing

Session Notes

Observing Notes

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



The Ultimate Messier Object Log

Messier # M104

NGC 4594

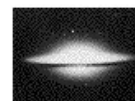
Seen? ☐

Date seen

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

Magnitude

9.5



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

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

Binocular Difficulty C

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

Personal Viewing Notes

Viewing Time Comments

Observing Site

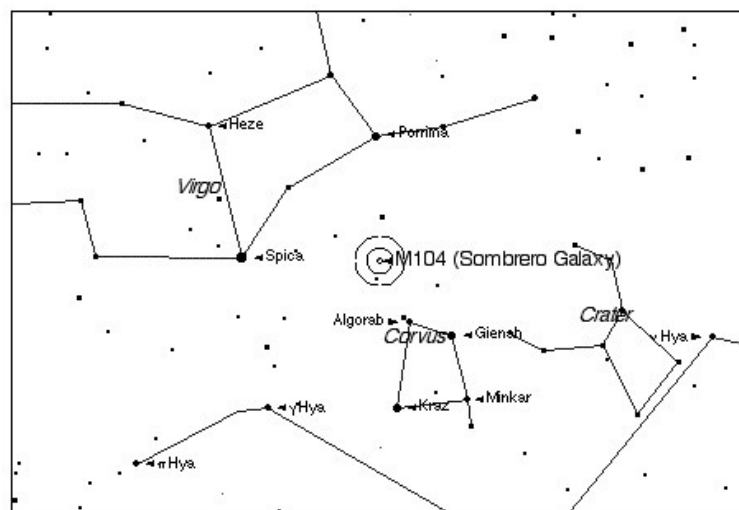
Equipment

Sky Conditions Transparency Seeing

Session Notes

Observing Notes

Star chart created by StarryNight Pro(TM) courtesy of Space.com Software



The Ultimate Messier Object Log

Messier # M063

NGC 5055

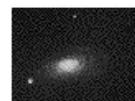
Seen? ☐

Date seen

Type Spiral Galaxy
Name (if any) Sunflower Galaxy
Constellation Canes Venatici
Marathon Order # 42

Magnitude

8.5



RA 13h 15.8m Dec 42 2 Size 10.0x6.0

Sky Atlas 2000 page 7 Other Chart Page(s) (Enter page # from your favorite chart here.)

Binocular Difficulty T

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

Personal Viewing Notes

Viewing Time Comments

Observing Site

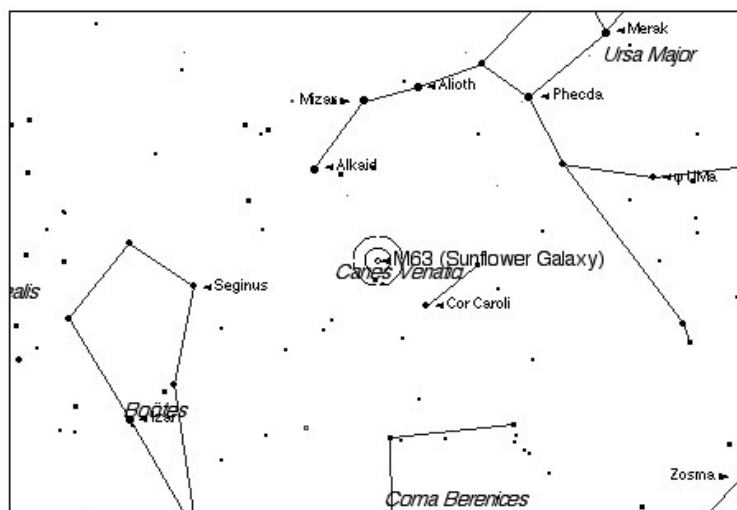
Equipment

Sky Conditions Transparency Seeing

Session Notes

Observing Notes

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



The Ultimate Messier Object Log

Messier # M094

NGC 4736

Seen? ☐

Date seen

Type Spiral Galaxy
Name (if any) N/A
Constellation Canes Venatici
Marathon Order # 41

Magnitude

9.5



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.)

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

Binocular Difficulty T

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

Personal Viewing Notes

Viewing Time Comments

Observing Site

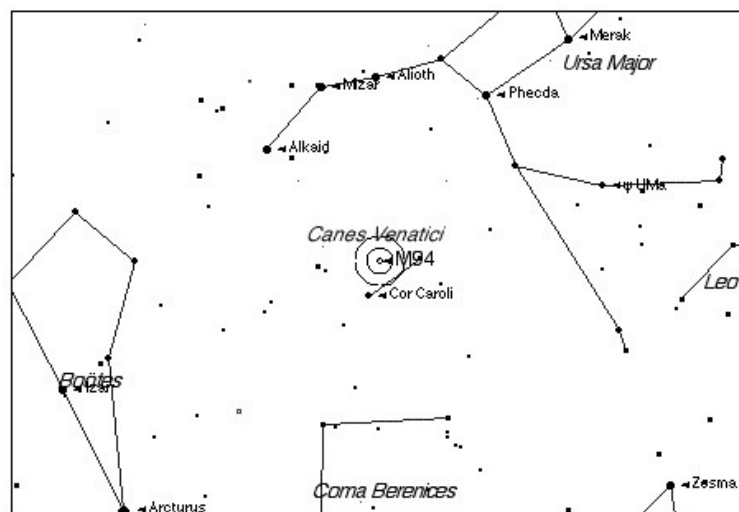
Equipment

Sky Conditions Transparency Seeing

Session Notes

Observing Notes

Star chart created by StarryNight Pro(TM) courtesy of Space.com Software



The Ultimate Messier Object Log

Messier # M106

NGC 4258

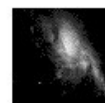
Seen? ☐

Date seen

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

Magnitude

9.5



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

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

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

Personal Viewing Notes

Viewing Time Comments

Observing Site

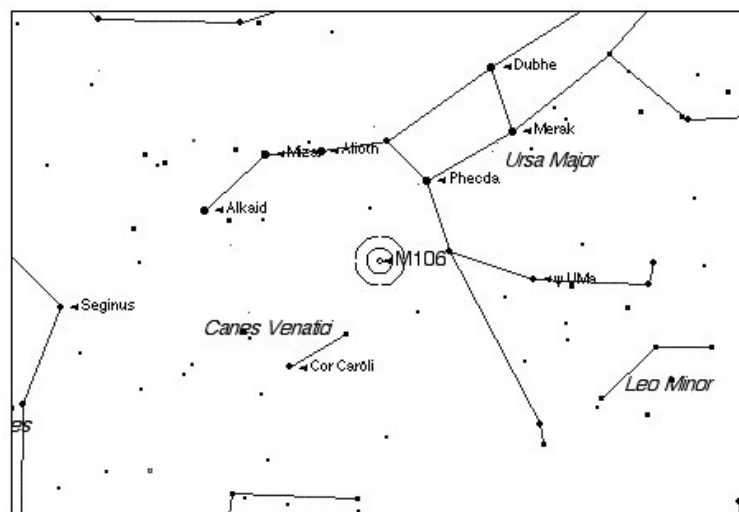
Equipment

Sky Conditions Transparency Seeing

Session Notes

Observing Notes

Star chart created by StarryNight Pro(TM) courtesy of Space.com Software



The Ultimate Messier Object Log

Messier # M003

NGC 5272

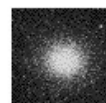
Seen? ☐

Date seen

Type Globular Cluster
Name (if any) N/A
Constellation Canes Venatici
Marathon Order # 48

Magnitude

6.4



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

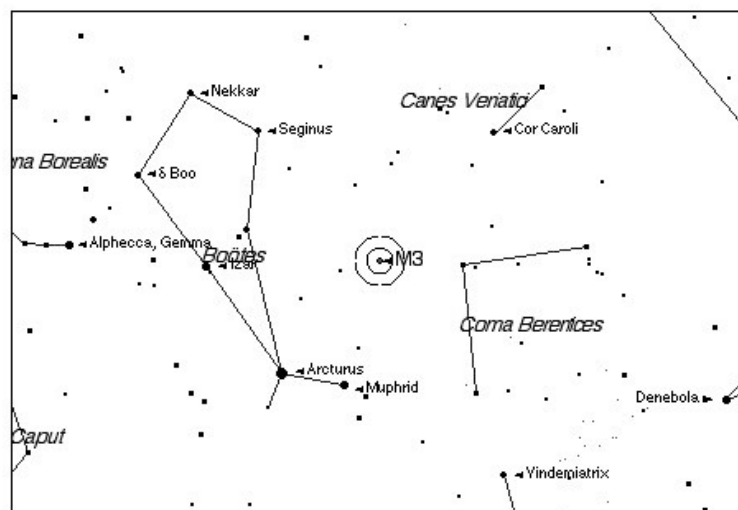
Sky Conditions Transparency

Seeing

Session Notes

Observing Notes

Star chart's created by StarryNight Pro(TM) courtesy of Space.com Software



The Ultimate Messier Object Log

Messier # M053

NGC 5024

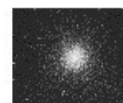
Seen? ☐

Date seen

Type Globular Cluster
Name (if any) N/A
Constellation Coma Berenices
Marathon Order # 46

Magnitude

8.5



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

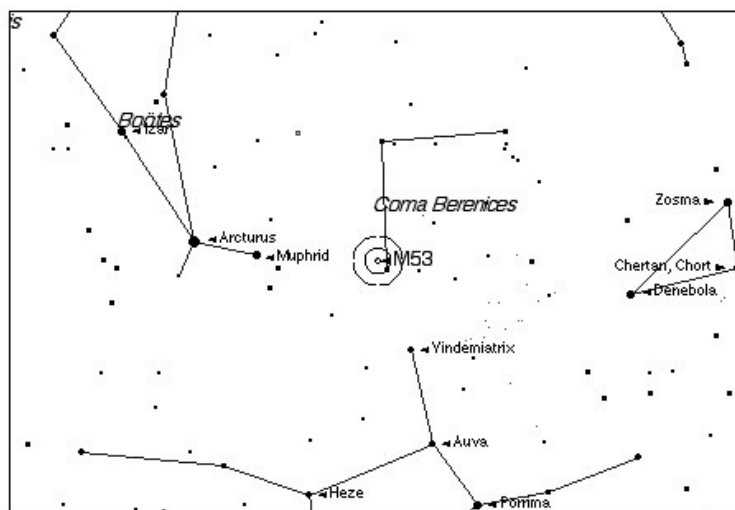
Equipment

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 # M064

NGC 4826

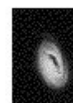
Seen? ☐

Date seen

Type Spiral Galaxy
Name (if any) Blackeye Galaxy
Constellation Coma Berenices
Marathon Order # 47

Magnitude

9.0



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

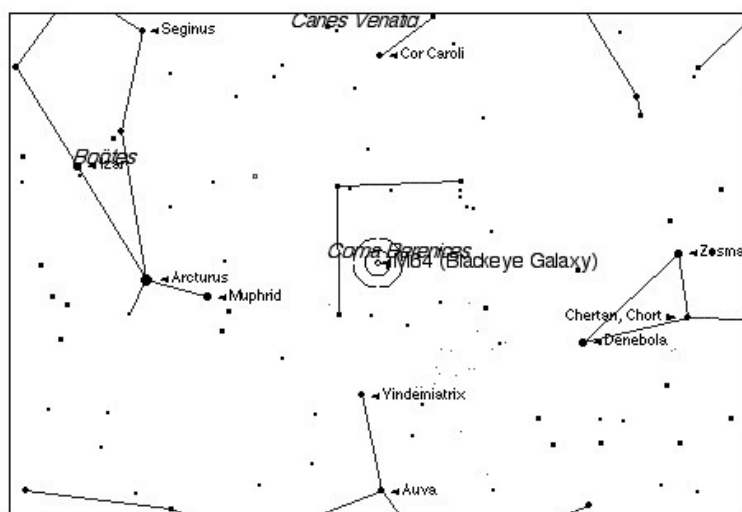
Equipment

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 # M085

NGC 4382

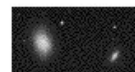
Seen? ☐

Date seen

Type Lenticular (S0) Galaxy
Name (if any) N/A
Constellation Coma Berenices
Marathon Order # 52

Magnitude

10.5



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

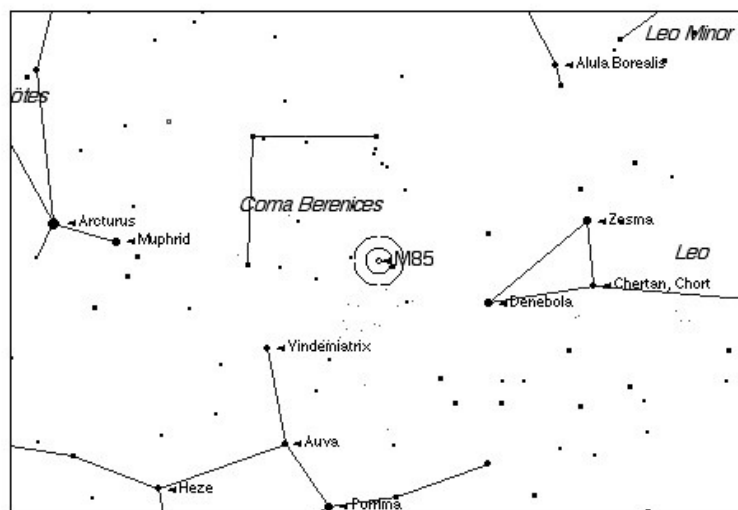
Equipment

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 # M060

NGC 4649

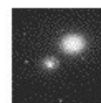
Seen? ☐

Date seen

Type Elliptical Galaxy
Name (if any) N/A
Constellation Virgo
Marathon Order # 62

Magnitude

10.5



RA 12h 43.7m Dec 11 34 Size 7.0x6.0

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

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

Personal Viewing Notes

Viewing Time Comments

Observing Site

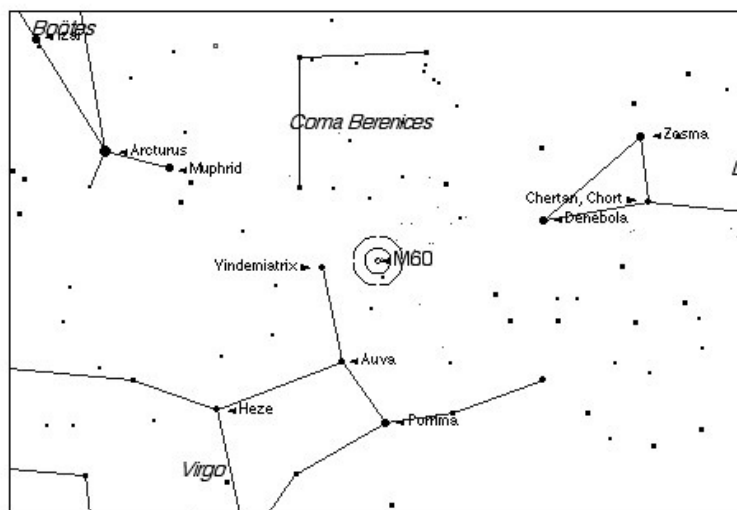
Equipment

Sky Conditions Transparency Seeing

Session Notes

Observing Notes

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



The Ultimate Messier Object Log

Messier # M059

NGC 4621

Seen? ☐

Date seen

Type Elliptical Galaxy
Name (if any) N/A
Constellation Virgo
Marathon Order # 61

Magnitude

11.5



RA 12h 42.1m Dec 11 39 Size 5.0x3.5

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

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

Personal Viewing Notes

Viewing Time Comments

Observing Site

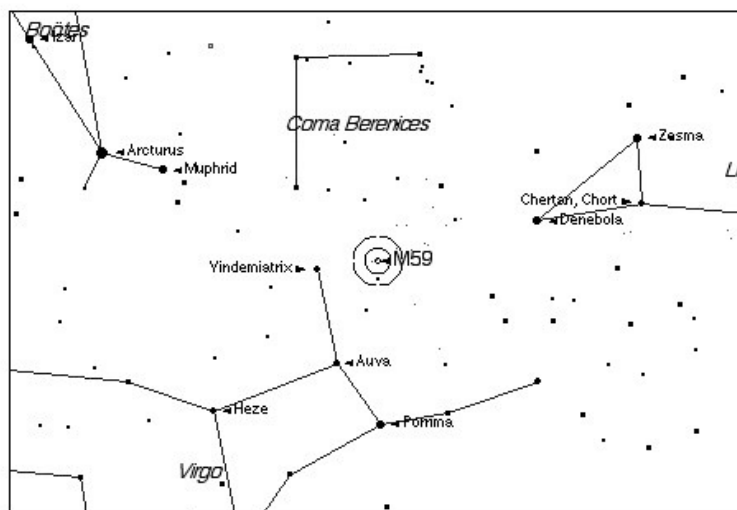
Equipment

Sky Conditions Transparency Seeing

Session Notes

Observing Notes

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



The Ultimate Messier Object Log

Messier # M058

NGC 4579

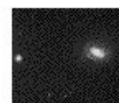
Seen? ☐

Date seen

Type **Spiral Galaxy**
 Name (if any) **N/A**
 Constellation **Virgo**
 Marathon Order # **60**

Magnitude

11.0



RA 12h 37.8m Dec 11 50 Size 5.5x4.5

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

Binocular Difficulty T2

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

Personal Viewing Notes

Viewing Time Comments

Observing Site

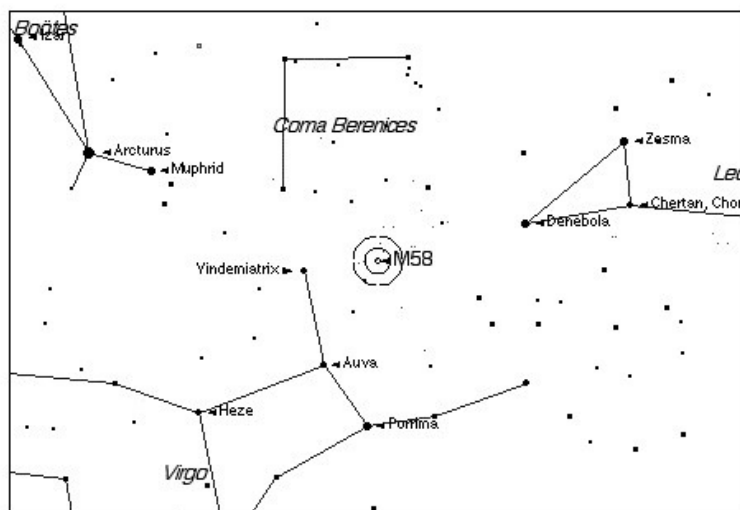
Equipment

Sky Conditions Transparency Seeing

Session Notes

Observing Notes

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



The Ultimate Messier Object Log

Messier # M089

NGC 4552

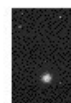
Seen? ☐

Date seen

Type Elliptical Galaxy
Name (if any) N/A
Constellation Virgo
Marathon Order # 56

Magnitude

11.5



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.)

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

Binocular Difficulty T2

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

Personal Viewing Notes

Viewing Time Comments

Observing Site

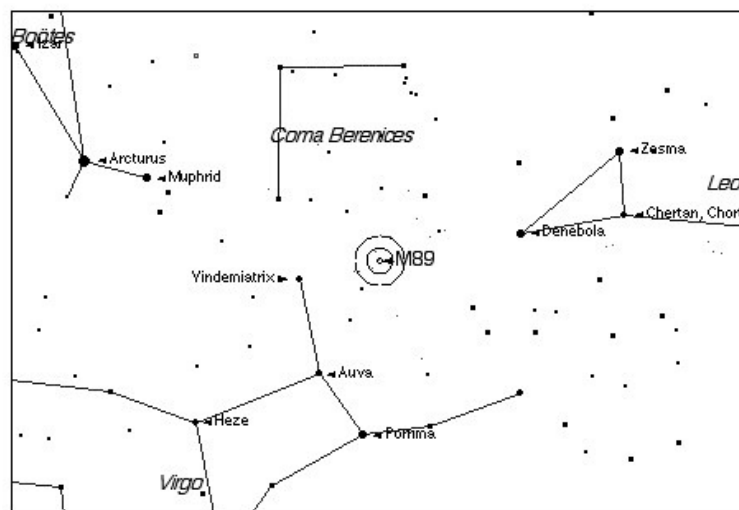
Equipment

Sky Conditions Transparency Seeing

Session Notes

Observing Notes

Star chart created by StarryNight Pro(TM) courtesy of Space.com Software



The Ultimate Messier Object Log

Messier # M090

NGC 4569

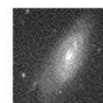
Seen? ☐

Date seen

Type Spiral Galaxy
Name (if any) N/A
Constellation Virgo
Marathon Order # 57

Magnitude

11.0



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

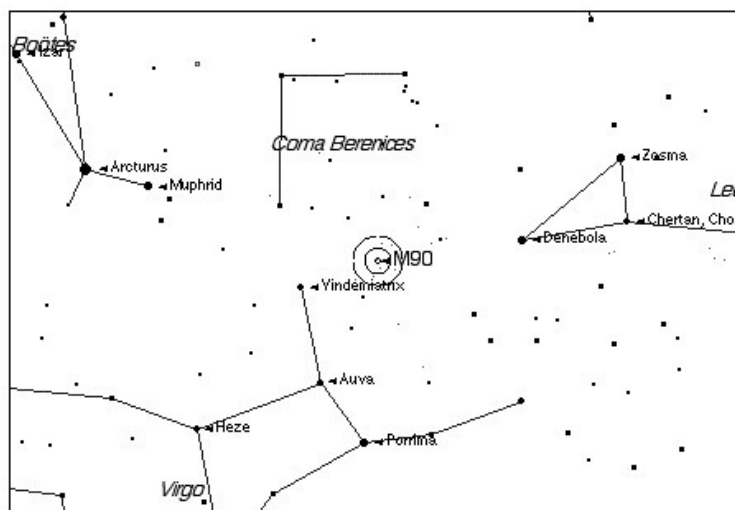
Sky Conditions Transparency

Seeing

Session Notes

Observing Notes

Star chart's created by StarryNight Pro(TM) courtesy of Space.com Software



The Ultimate Messier Object Log

Messier # M091

NGC 4548

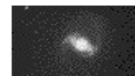
Seen? ☐

Date seen

Type Spiral Galaxy
Name (if any) N/A
Constellation Coma Berenices
Marathon Order # 59

Magnitude

11.5



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.)

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

Binocular Difficulty C2

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

Personal Viewing Notes

Viewing Time Comments

Observing Site

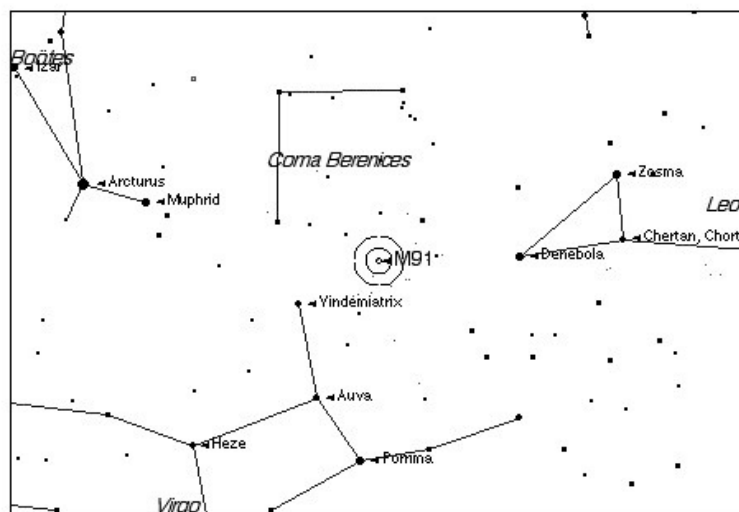
Equipment

Sky Conditions Transparency Seeing

Session Notes

Observing Notes

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



The Ultimate Messier Object Log

Messier # M088

NGC 4501

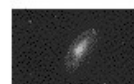
Seen? ☐

Date seen

Type Spiral Galaxy
Name (if any) N/A
Constellation Coma Berenices
Marathon Order # 58

Magnitude

11.0



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

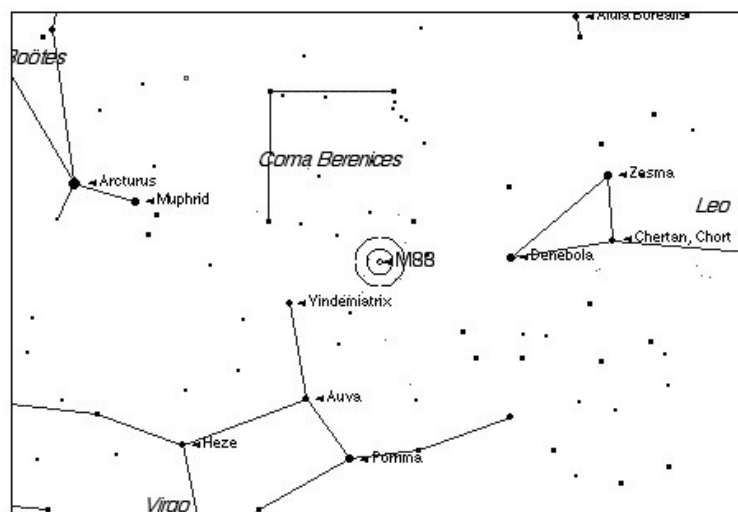
Equipment

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 # M087

NGC 4486

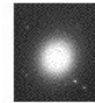
Seen? ☐

Date seen

Type Elliptical Galaxy
Name (if any) Virgo A
Constellation Virgo
Marathon Order # 55

Magnitude

11.0



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

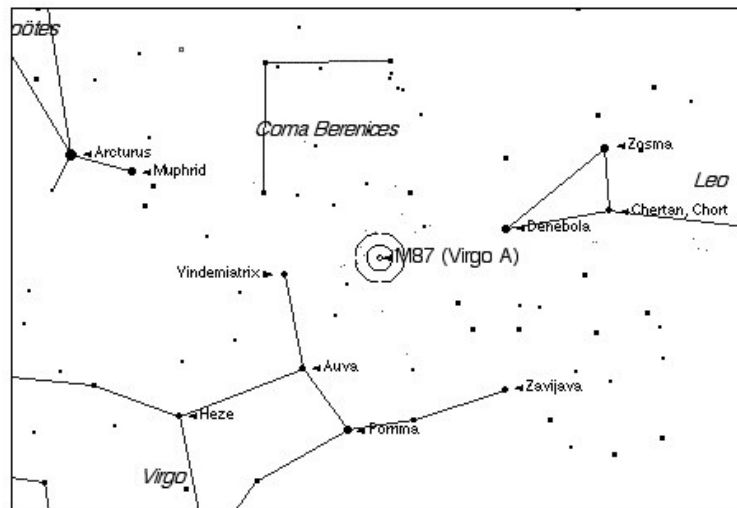
Equipment

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 # M086

NGC 4406

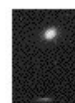
Seen? ☐

Date seen

Type Lenticular (S0) Galaxy
Name (if any) N/A
Constellation Virgo
Marathon Order # 54

Magnitude

11.0



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

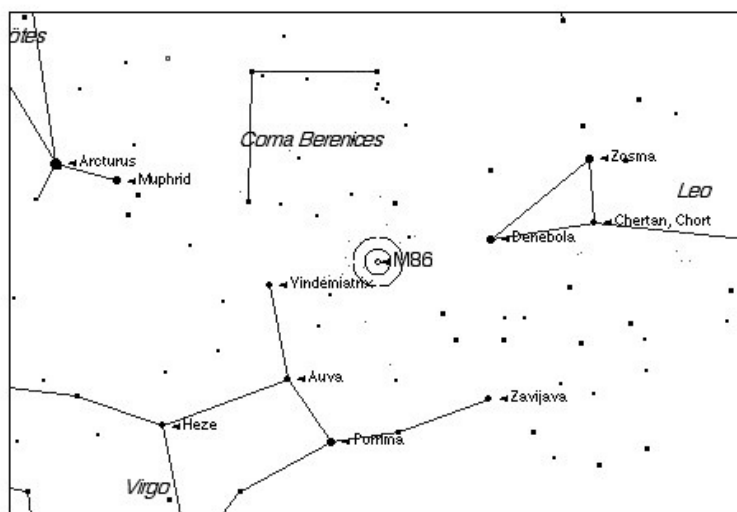
Equipment

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 # M084

NGC 4374

Seen? ☐

Date seen

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

Magnitude

11.0



RA 12h 25.1m Dec 12 54 Size 5.0

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

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

Personal Viewing Notes

Viewing Time Comments

Observing Site

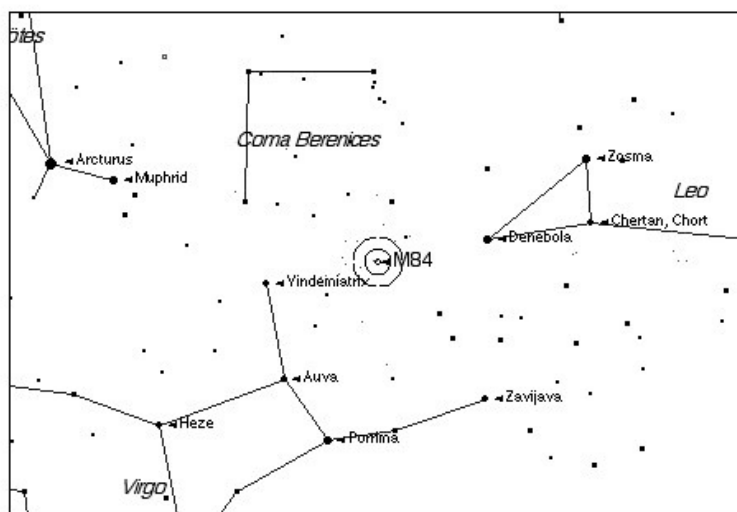
Equipment

Sky Conditions Transparency Seeing

Session Notes

Observing Notes

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



The Ultimate Messier Object Log

Messier # M099

NGC 4254

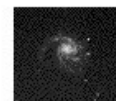
Seen? ☐

Date seen

Type Spiral Galaxy
Name (if any) N/A
Constellation Coma Berenices
Marathon Order # 50

Magnitude

10.5



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

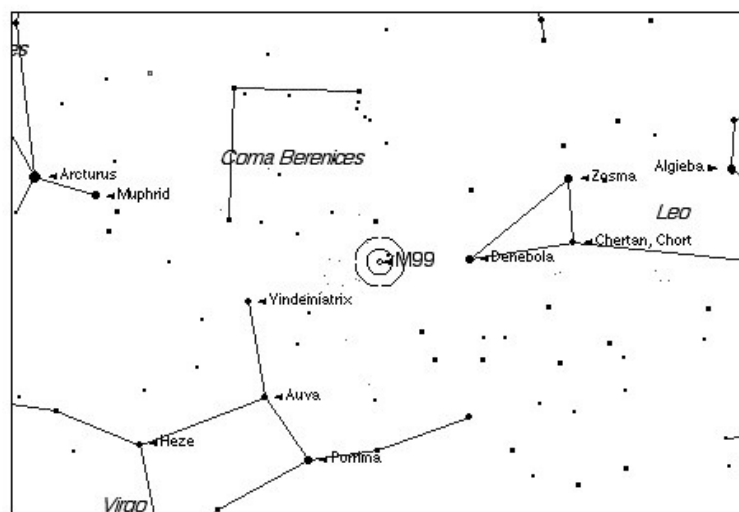
Equipment

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 # M098

NGC 4192

Seen? ☐

Date seen

Type Spiral Galaxy
Name (if any) N/A
Constellation Coma Berenices
Marathon Order # 49

Magnitude

11.0



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

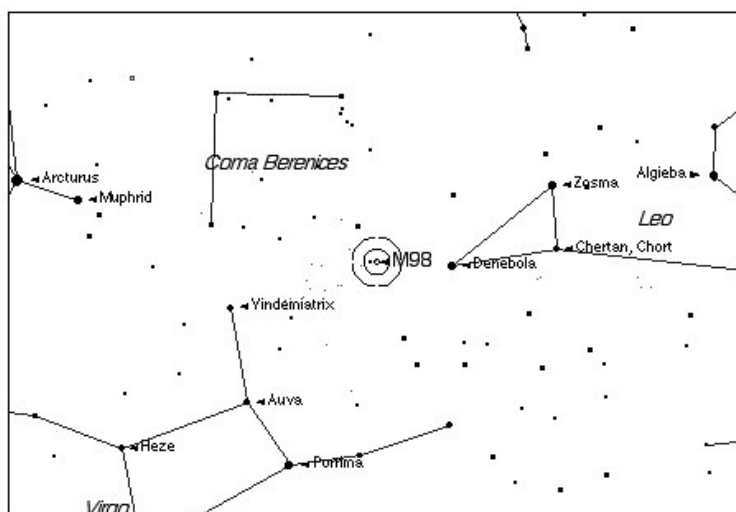
Equipment

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 # M100

NGC 4321

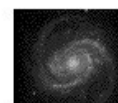
Seen? ☐

Date seen

Type Spiral Galaxy
Name (if any) N/A
Constellation Coma Berenices
Marathon Order # 51

Magnitude

10.5



RA 12h 23.0m Dec 15 50 Size 7.0x6.0

Sky Atlas 2000 page 7 Other Chart Page(s) (Enter page # from your favorite chart here.)

Binocular Difficulty C

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

Personal Viewing Notes

Viewing Time Comments

Observing Site

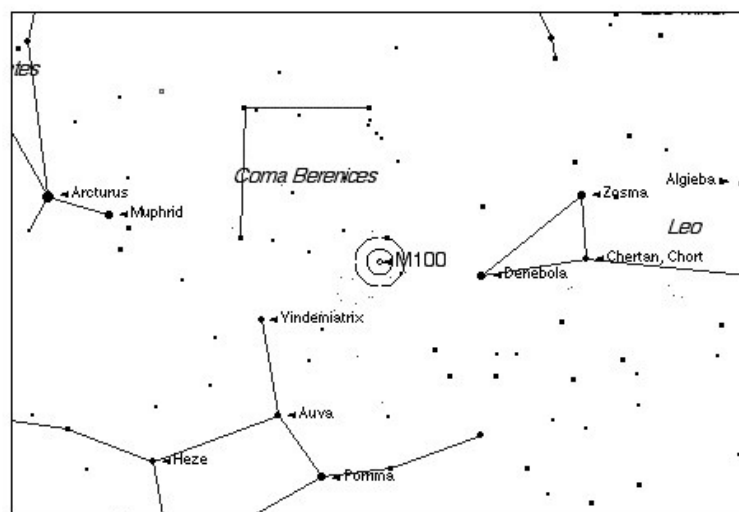
Equipment

Sky Conditions Transparency Seeing

Session Notes

Observing Notes

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



The Ultimate Messier Object Log

Messier # M049

NGC 4472

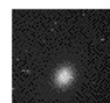
Seen? ☐

Date seen

Type Elliptical Galaxy
Name (if any) N/A
Constellation Virgo
Marathon Order # 63

Magnitude

10.0



RA 12h 29.8m

Dec 8 1

Size 9.0x7.5

Sky Atlas 2000 page 13

Other Chart Page(s)

(Enter page # from your favorite chart here.)

Binocular Difficulty T

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

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

Personal Viewing Notes

Viewing Time Comments

Observing Site

Equipment

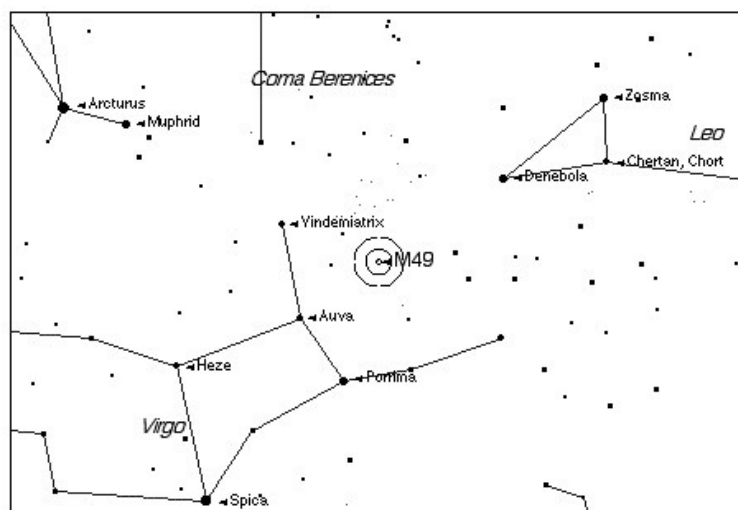
Sky Conditions Transparency

Seeing

Session Notes

Observing Notes

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



The Ultimate Messier Object Log

Messier # M061

NGC 4303

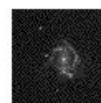
Seen? ☐

Date seen

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

Magnitude

10.5



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

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

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

Personal Viewing Notes

Viewing Time Comments

Observing Site

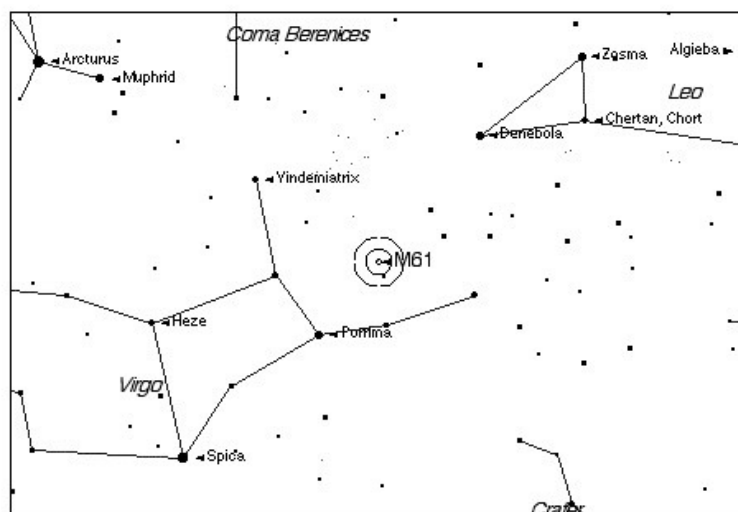
Equipment

Sky Conditions Transparency Seeing

Session Notes

Observing Notes

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



The Ultimate Messier Object Log

Messier # M068

NGC 4590

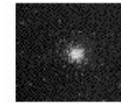
Seen? ☐

Date seen

Type Globular Cluster
Name (if any) N/A
Constellation Hydra
Marathon Order # 66

Magnitude

9.0



RA 12h 39.5m Dec -26 45 Size 12.0

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

Binocular Difficulty C

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

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

Personal Viewing Notes

Viewing Time Comments

Observing Site

Equipment

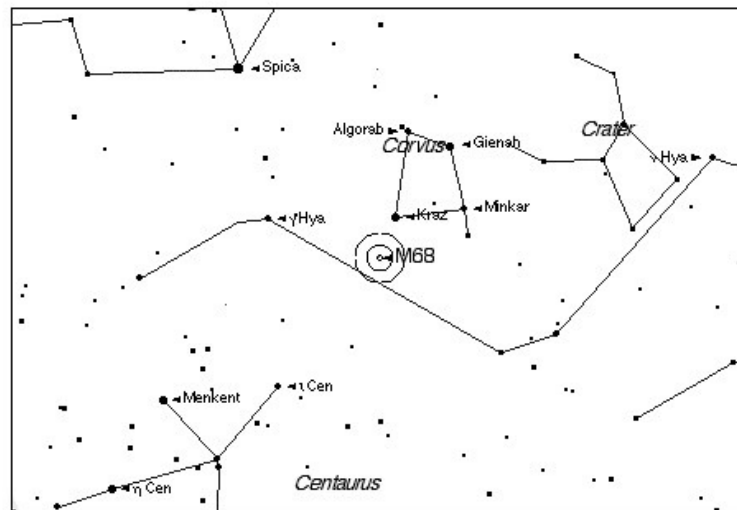
Sky Conditions Transparency

Seeing

Session Notes

Observing Notes

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



The Ultimate Messier Object Log

Messier # M083

NGC 5236

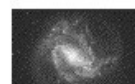
Seen? ☐

Date seen

Type Spiral Galaxy
Name (if any) Small Pinwheel Galaxy
Constellation Hydra
Marathon Order # 67

Magnitude

8.5



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

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

Binocular Difficulty T

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

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

Personal Viewing Notes

Viewing Time Comments

Observing Site

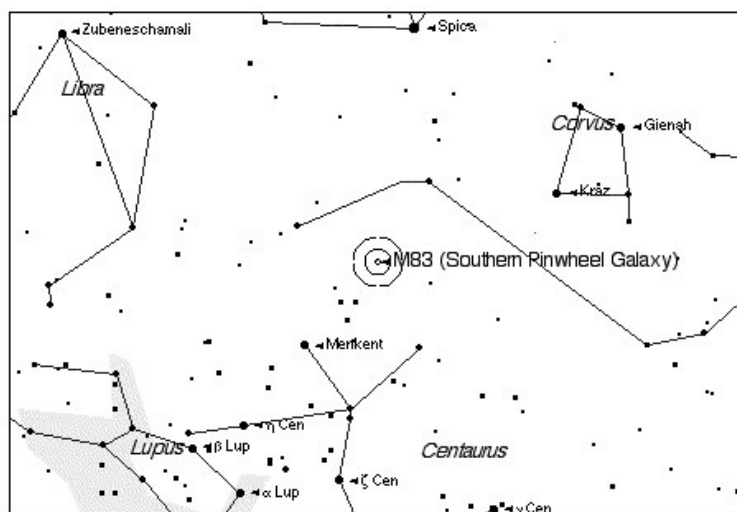
Equipment

Sky Conditions Transparency Seeing

Session Notes

Observing Notes

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



The Ultimate Messier Object Log

Messier # M013

NGC 6205

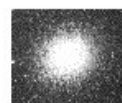
Seen? ☐

Date seen

Type Globular Cluster
Name (if any) N/A
Constellation Hercules
Marathon Order # 69

Magnitude

5.9



RA 16h 41.7m Dec 36 28 Size 16.6

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

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

Personal Viewing Notes

Viewing Time Comments

Observing Site

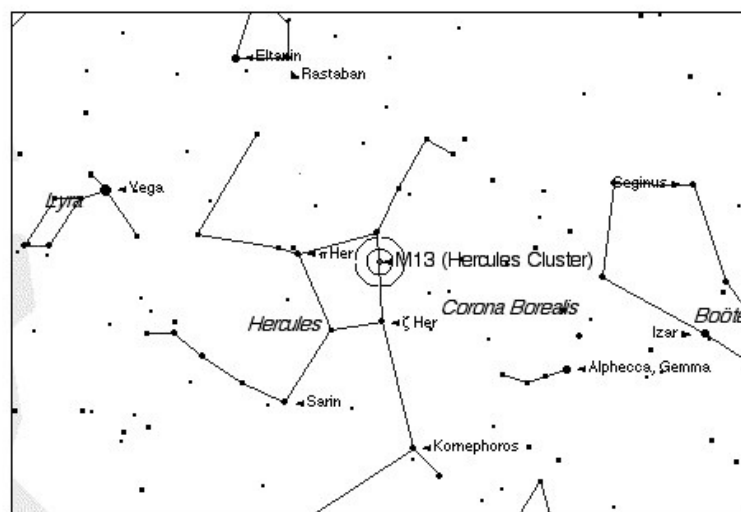
Equipment

Sky Conditions Transparency Seeing

Session Notes

Observing Notes

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



The Ultimate Messier Object Log

Messier # M092

NGC 6341

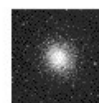
Seen? ☐

Date seen

Type Globular Cluster
Name (if any) N/A
Constellation Hercules
Marathon Order # 70

Magnitude

7.5



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

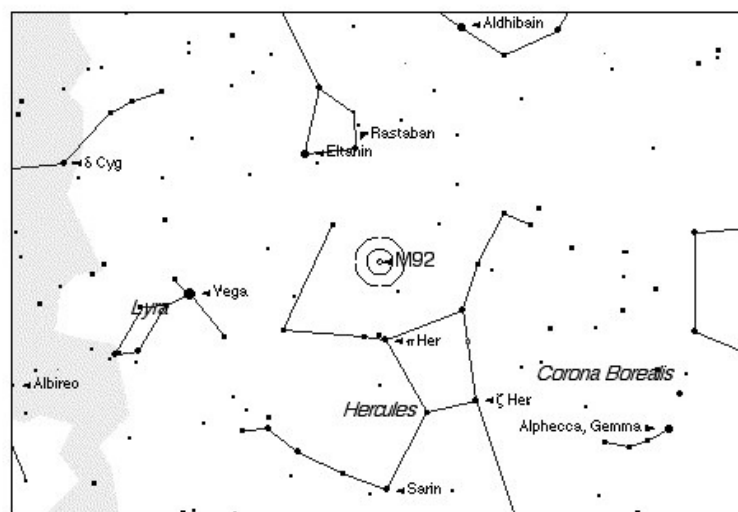
Equipment

Sky Conditions Transparency Seeing

Session Notes

Observing Notes

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



The Ultimate Messier Object Log

Messier # M005

NGC 5904

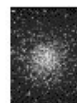
Seen? ☐

Date seen

Type Globular Cluster
Name (if any) N/A
Constellation Serpens Caput
Marathon Order # 68

Magnitude

5.8



RA 15h 18.6m Dec 25 Size 17.4

Sky Atlas 2000 page 4 Other Chart Page(s) (Enter page # from your favorite chart here.)

Binocular Difficulty E

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

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

Personal Viewing Notes

Viewing Time Comments

Observing Site

Equipment

Sky Conditions

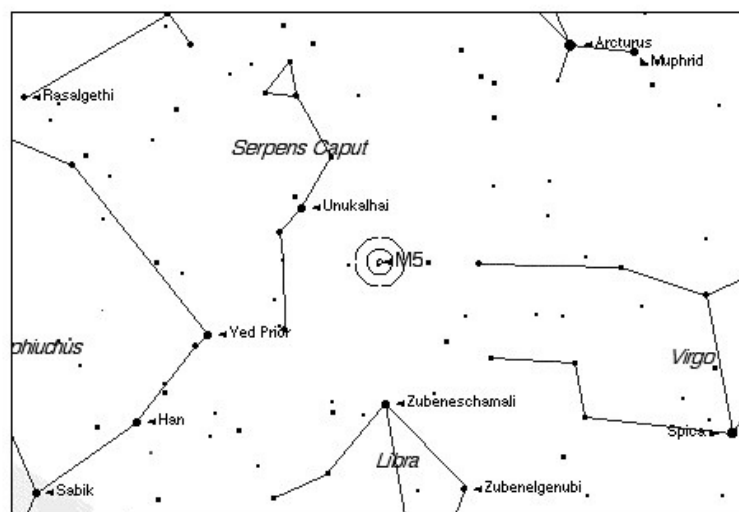
Transparency

Seeing

Session Notes

Observing Notes

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



The Ultimate Messier Object Log

Messier # M057

NGC 6720

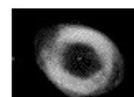
Seen? ☐

Date seen

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

Magnitude

9.5



RA 18h 53.6m Dec 33 2 Size 1.4x1.0

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

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

Personal Viewing Notes

Viewing Time Comments

Observing Site

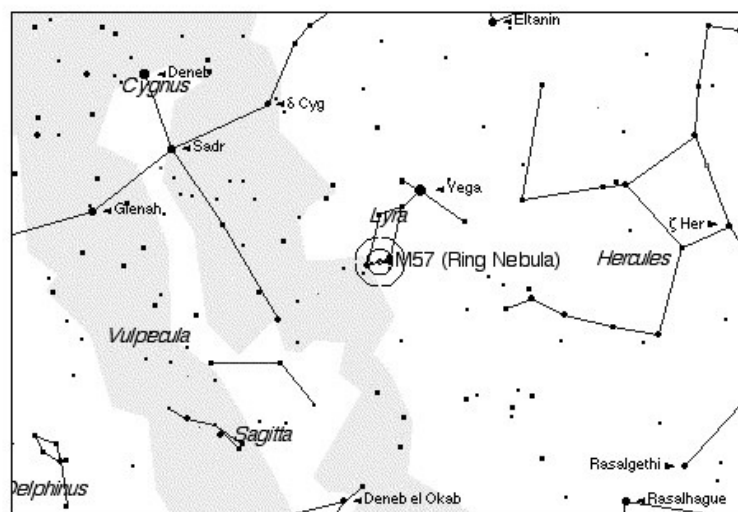
Equipment

Sky Conditions Transparency Seeing

Session Notes

Observing Notes

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



The Ultimate Messier Object Log

Messier # M012

NGC 6218

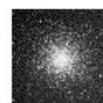
Seen? ☐

Date seen

Type Globular Cluster
Name (if any) N/A
Constellation Ophiuchus
Marathon Order # 78

Magnitude

6.6



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.)

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

Binocular Difficulty E

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

Personal Viewing Notes

Viewing Time Comments

Observing Site

Equipment

Sky Conditions

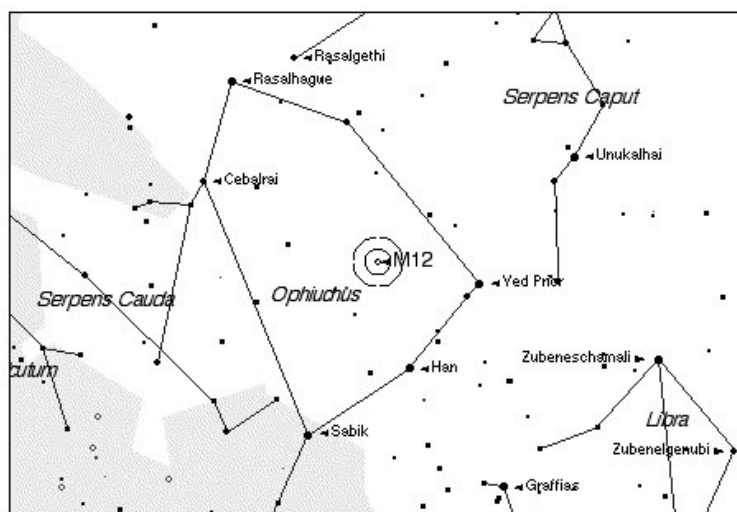
Transparency

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

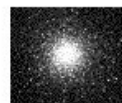
Seen? ☐

Date seen

Type Globular Cluster
Name (if any) N/A
Constellation Ophiucus
Marathon Order # 79

Magnitude

6.6



RA 16h 57.1m Dec -4 6 Size 15.1

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

Binocular Difficulty E

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

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

Personal Viewing Notes

Viewing Time Comments

Observing Site

Equipment

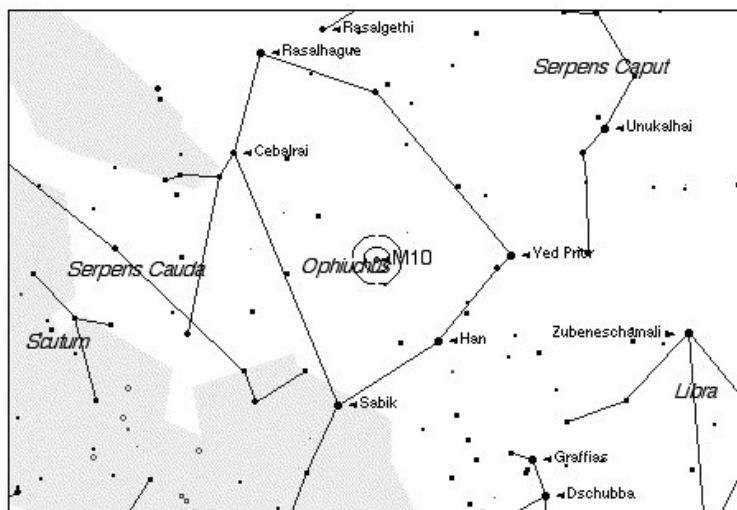
Sky Conditions Transparency

Seeing

Session Notes

Observing Notes

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



The Ultimate Messier Object Log

Messier # M107

NGC 6171

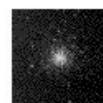
Seen? ☐

Date seen

Type Globular Cluster
Name (if any) N/A
Constellation Ophiuchus
Marathon Order # 77

Magnitude

10.0



RA 16h 32.5m Dec -13 3 Size 10.0

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

Binocular Difficulty T2

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

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

Personal Viewing Notes

Viewing Time Comments

Observing Site

Equipment

Sky Conditions

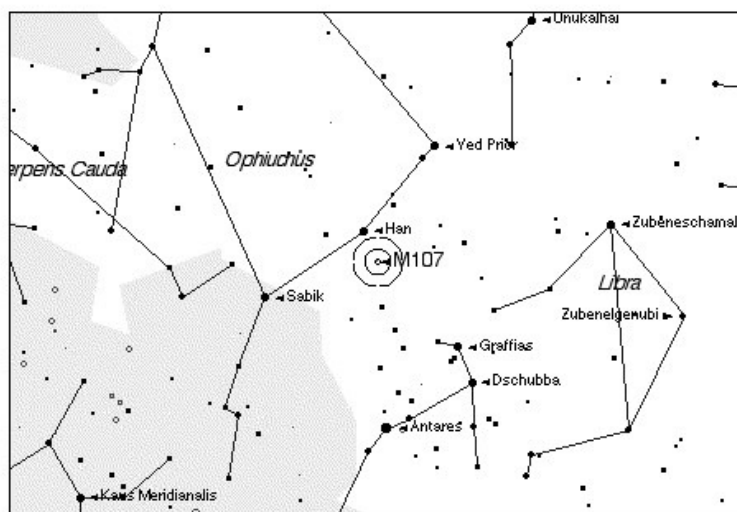
Transparency

Seeing

Session Notes

Observing Notes

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



The Ultimate Messier Object Log

Messier # M080

NGC 6093

Seen? ☐

Date seen

Type Globular Cluster
Name (if any) N/A
Constellation Scorpius
Marathon Order # 83

Magnitude

8.5



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.)

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

Binocular Difficulty T

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

Personal Viewing Notes

Viewing Time Comments

Observing Site

Equipment

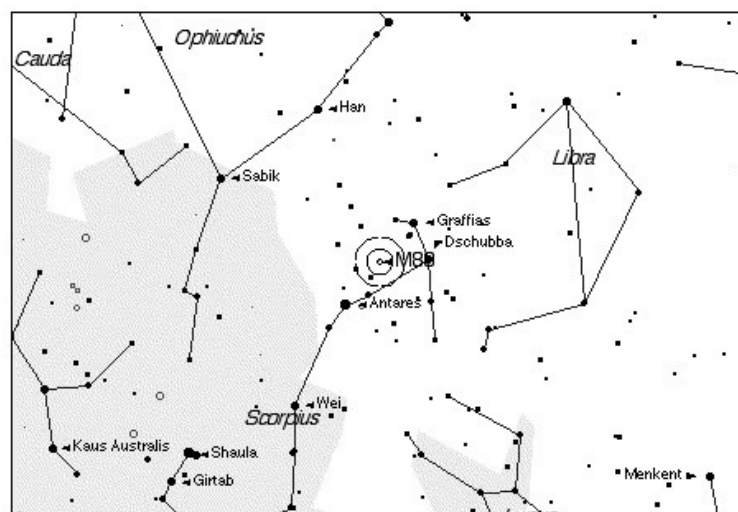
Sky Conditions Transparency

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

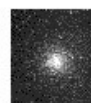
Seen? ☐

Date seen

Type Globular Cluster
Name (if any) N/A
Constellation Scorpio
Marathon Order # 82

Magnitude

5.9



RA 16h 23.6m Dec -26 32 Size 26.3

Sky Atlas 2000 page 22

Other Chart Page(s)

(Enter page # from your favorite chart here.)

Binocular Difficulty E

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

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

Personal Viewing Notes

Viewing Time Comments

Observing Site

Equipment

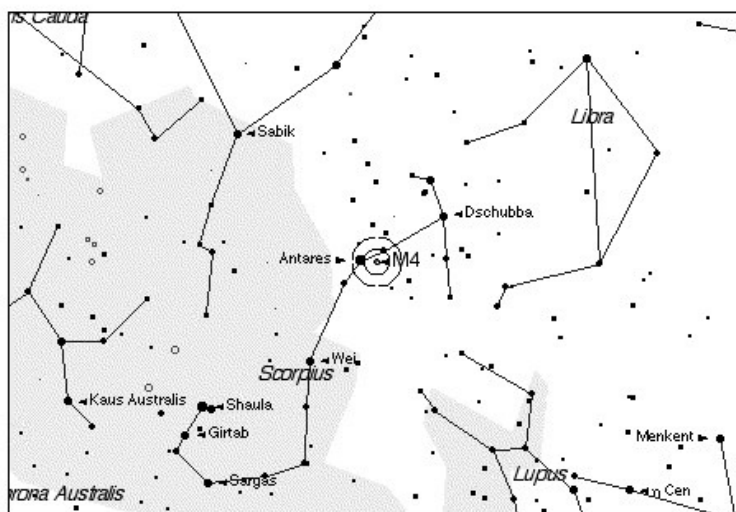
Sky Conditions Transparency

Seeing

Session Notes

Observing Notes

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



The Ultimate Messier Object Log

Messier # M056

NGC 6779

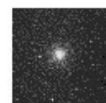
Seen? ☐

Date seen

Type Globular Cluster
Name (if any) N/A
Constellation Lyra
Marathon Order # 72

Magnitude

9.5



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

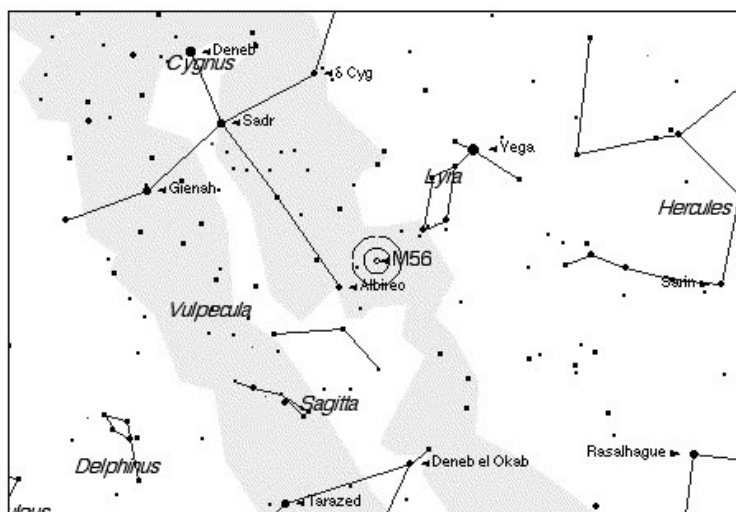
Sky Conditions Transparency

Seeing

Session Notes

Observing Notes

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



The Ultimate Messier Object Log

Messier # M029

NGC 6913

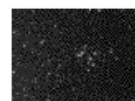
Seen? ☐

Date seen

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

Magnitude

9.0



RA 20h 23.9m Dec 38 32 Size 7.0

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

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

Personal Viewing Notes

Viewing Time Comments

Observing Site

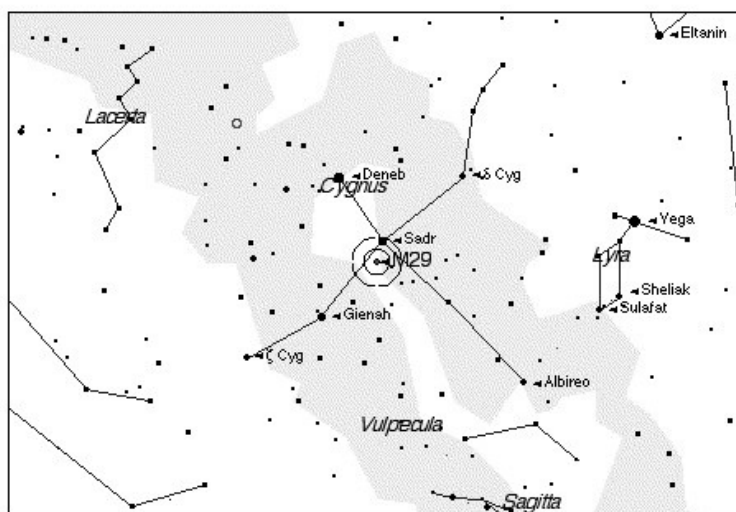
Equipment

Sky Conditions Transparency Seeing

Session Notes

Observing Notes

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



The Ultimate Messier Object Log

Messier # M014

NGC 6402

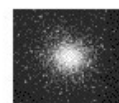
Seen? ☐

Date seen

Type Globular Cluster
Name (if any) N/A
Constellation Ophiuchus
Marathon Order # 80

Magnitude

7.6



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.)

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

Binocular Difficulty T

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

Personal Viewing Notes

Viewing Time Comments

Observing Site

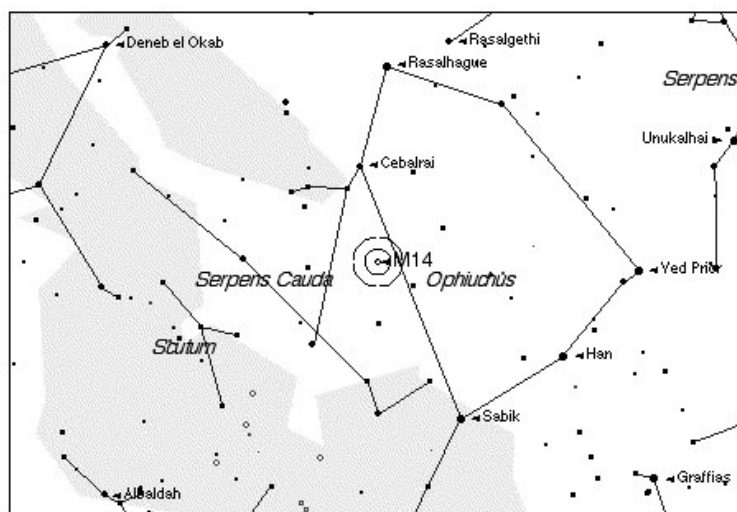
Equipment

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 # M009

NGC 6333

Seen? ☐

Date seen

Type Globular Cluster
Name (if any) N/A
Constellation Ophiucus
Marathon Order # 81

Magnitude

7.9



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

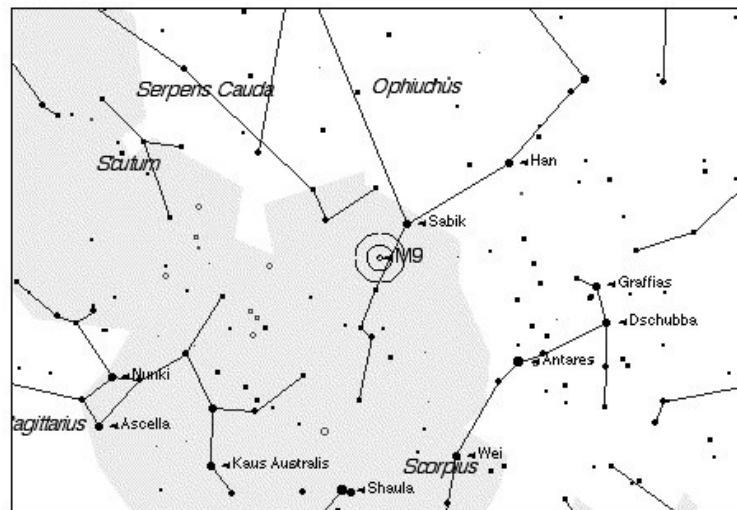
Equipment

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 # M071

NGC 6838

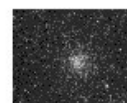
Seen? ☐

Date seen

Type Globular Cluster
Name (if any) N/A
Constellation Sagitta
Marathon Order # 76

Magnitude

8.5



RA 19h 53.8m Dec 18 47 Size 7.2

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

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

Personal Viewing Notes

Viewing Time Comments

Observing Site

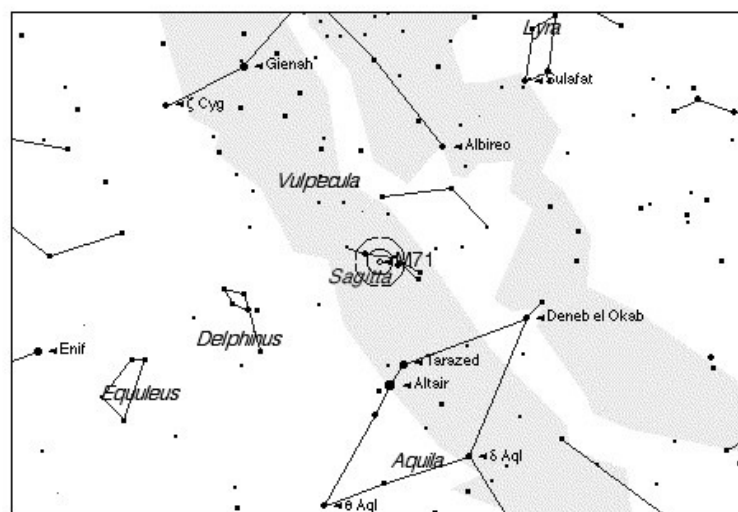
Equipment

Sky Conditions Transparency Seeing

Session Notes

Observing Notes

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



The Ultimate Messier Object Log

Messier # M027

NGC 6853

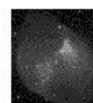
Seen? ☐

Date seen

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

Magnitude

7.5



RA 19h 59.6m Dec 22 43 Size 8.0x5.6

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

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

Personal Viewing Notes

Viewing Time Comments

Observing Site

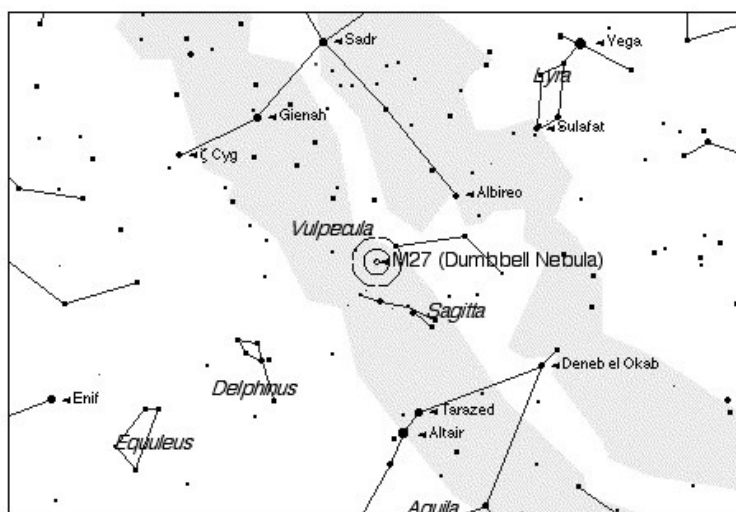
Equipment

Sky Conditions Transparency Seeing

Session Notes

Observing Notes

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



The Ultimate Messier Object Log

Messier # M062

NGC 6266

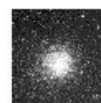
Seen? ☐

Date seen

Type Globular Cluster
Name (if any) N/A
Constellation Ophiucus
Marathon Order # 85

Magnitude

8.0



RA 17h 12m Dec -30 7 Size 14.1

Sky Atlas 2000 page 22

Other Chart Page(s)

(Enter page # from your favorite chart here.)

Binocular Difficulty T

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

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

Personal Viewing Notes

Viewing Time Comments

Observing Site

Equipment

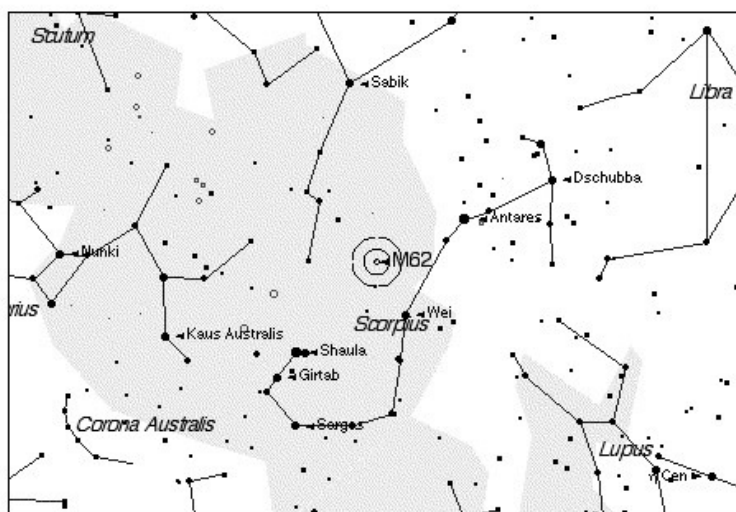
Sky Conditions Transparency

Seeing

Session Notes

Observing Notes

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



The Ultimate Messier Object Log

Messier # M019

NGC 6273

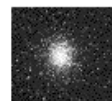
Seen? ☐

Date seen

Type Globular Cluster
Name (if any) N/A
Constellation Ophiucus
Marathon Order # 84

Magnitude

8.5



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.)

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

Binocular Difficulty T

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

Personal Viewing Notes

Viewing Time Comments

Observing Site

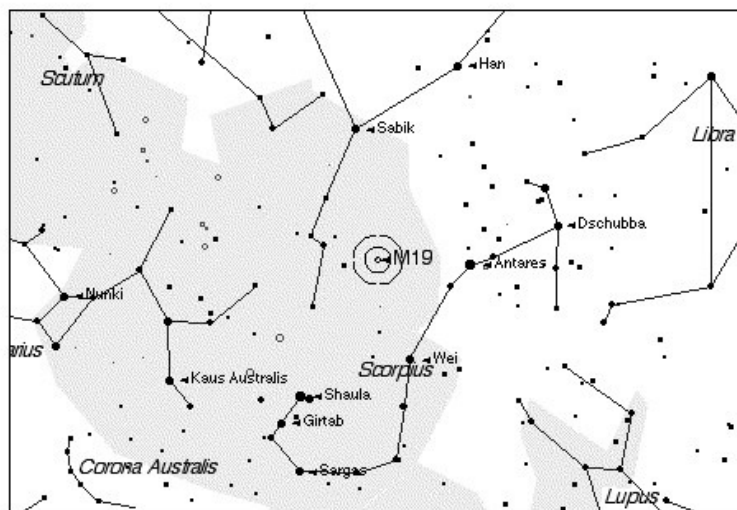
Equipment

Sky Conditions Transparency Seeing

Session Notes

Observing Notes

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



The Ultimate Messier Object Log

Messier # M011

NGC 6705

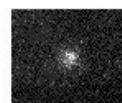
Seen? ☐

Date seen

Type Open Cluster
Name (if any) Wild Duck Cluster
Constellation Scutum
Marathon Order # 88

Magnitude

5.8



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

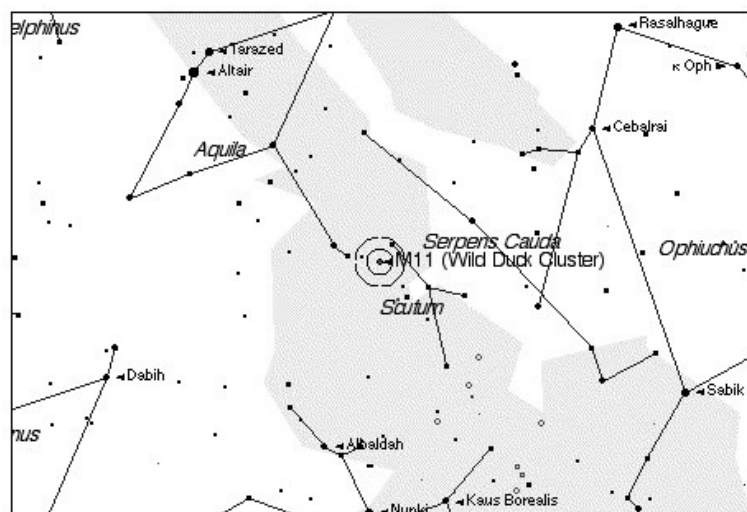
Equipment

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 # M039

NGC 7092

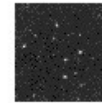
Seen? ☐

Date seen

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

Magnitude

5.5



RA 21h 32.2m Dec 48 26 Size 32.0

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

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

Personal Viewing Notes

Viewing Time Comments

Observing Site

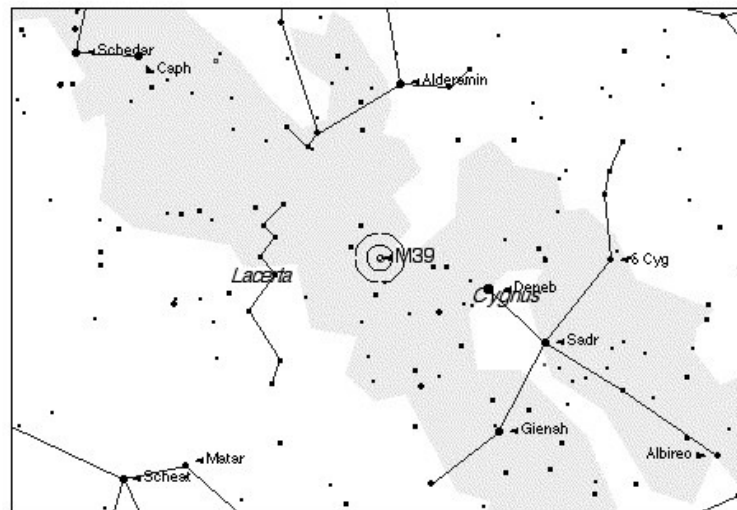
Equipment

Sky Conditions Transparency Seeing

Session Notes

Observing Notes

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



The Ultimate Messier Object Log

Messier # M026

NGC 6694

Seen? ☐

Date seen

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

Magnitude

9.5



RA 18h 45.2m Dec -9 24 Size 15.0

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

Binocular Difficulty C

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

Personal Viewing Notes

Viewing Time Comments

Observing Site

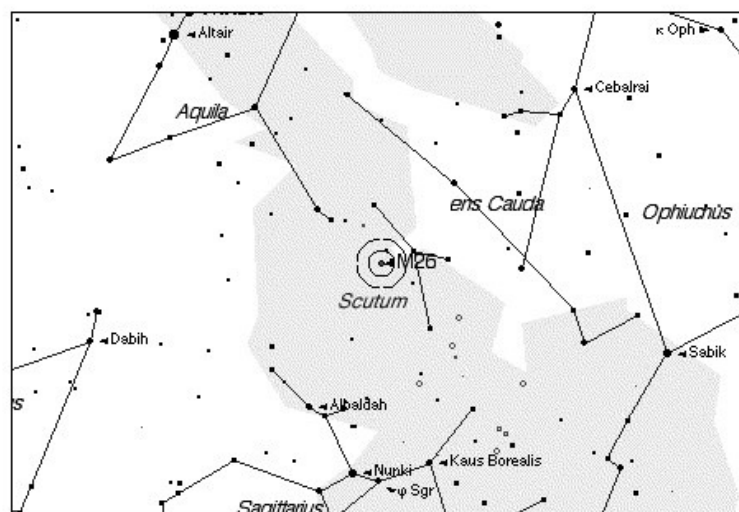
Equipment

Sky Conditions Transparency Seeing

Session Notes

Observing Notes

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



The Ultimate Messier Object Log

Messier # M016

NGC 6611

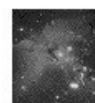
Seen? ☐

Date seen

Type Open Cluster
Name (if any) Eagle Nebula Cluster
Constellation Serpens Claudia
Marathon Order # 90

Magnitude

6.5



RA 18h 18.8m Dec -13 47 Size 7.0

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

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

Personal Viewing Notes

Viewing Time Comments

Observing Site

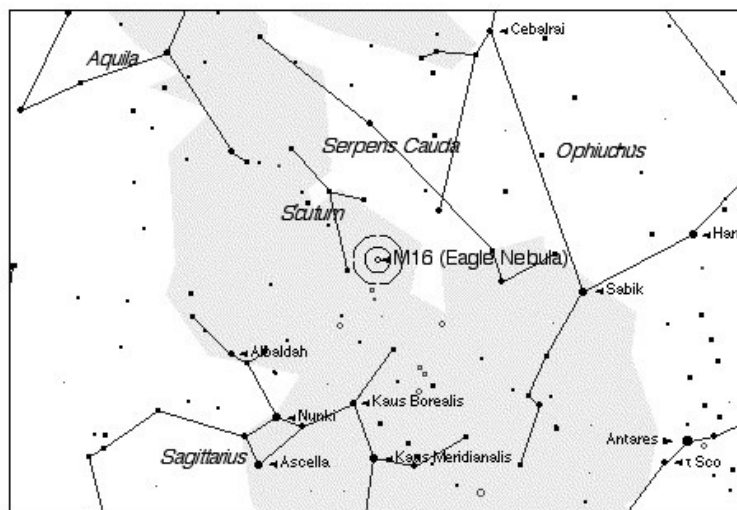
Equipment

Sky Conditions Transparency Seeing

Session Notes

Observing Notes

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



The Ultimate Messier Object Log

Messier # M017

NGC 6618

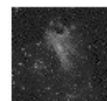
Seen? ☐

Date seen

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

Magnitude

7.0



RA 18h 20.8m Dec -16 11 Size 11.0

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

Binocular Difficulty E

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

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

Personal Viewing Notes

Viewing Time Comments

Observing Site

Equipment

Sky Conditions

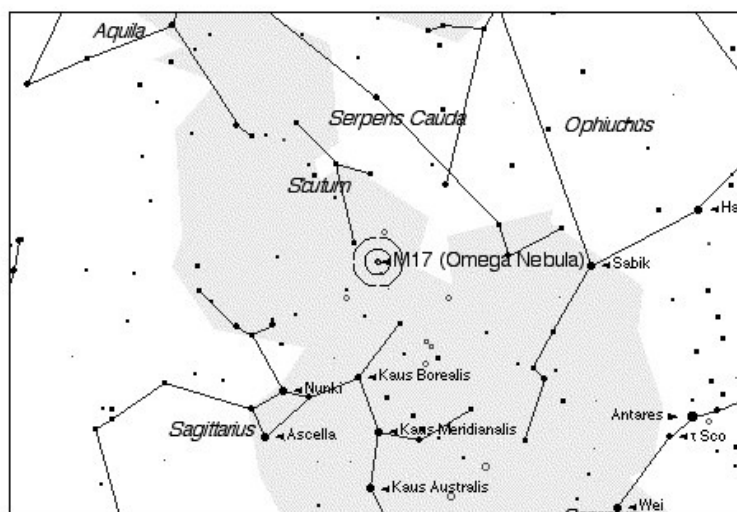
Transparency

Seeing

Session Notes

Observing Notes

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



The Ultimate Messier Object Log

Messier # M018

NGC 6613

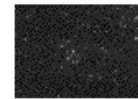
Seen? ☐

Date seen

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

Magnitude

8.0



RA 18h 19.9m Dec -17 8 Size 9.0

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

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

Personal Viewing Notes

Viewing Time Comments

Observing Site

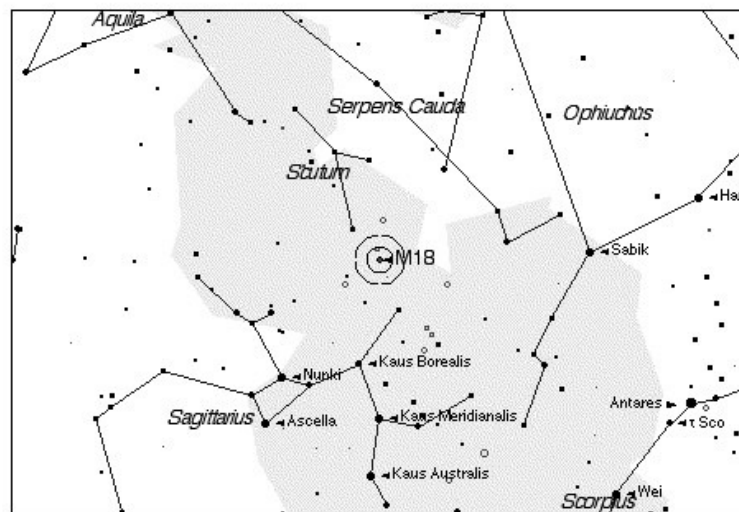
Equipment

Sky Conditions Transparency Seeing

Session Notes

Observing Notes

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



The Ultimate Messier Object Log

Messier # M024

NGC 6603

Seen? ☐

Date seen

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

Magnitude

11.5



RA 18h 18.4m Dec -18 25 Size 5.0

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

Binocular Difficulty E

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

Personal Viewing Notes

Viewing Time Comments

Observing Site

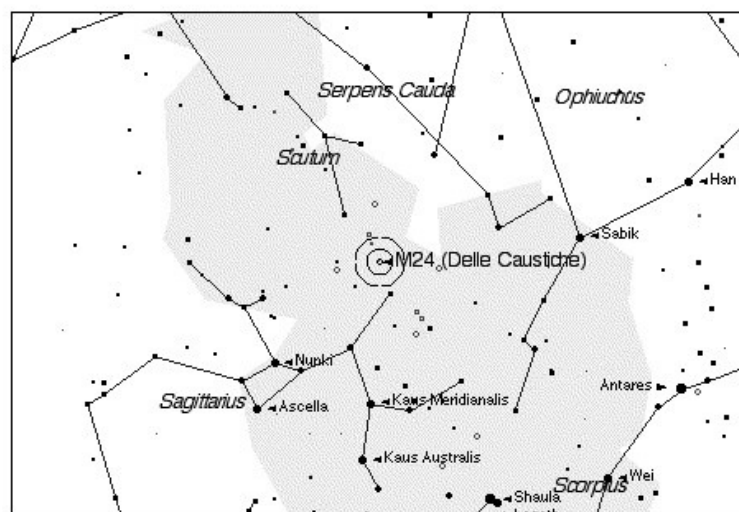
Equipment

Sky Conditions Transparency Seeing

Session Notes

Observing Notes

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



The Ultimate Messier Object Log

Messier # M023

NGC 6494

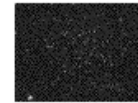
Seen? ☐

Date seen

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

Magnitude

6.0



RA 17h 56.8m Dec -19 1 Size 27.0

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

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

Personal Viewing Notes

Viewing Time Comments

Observing Site

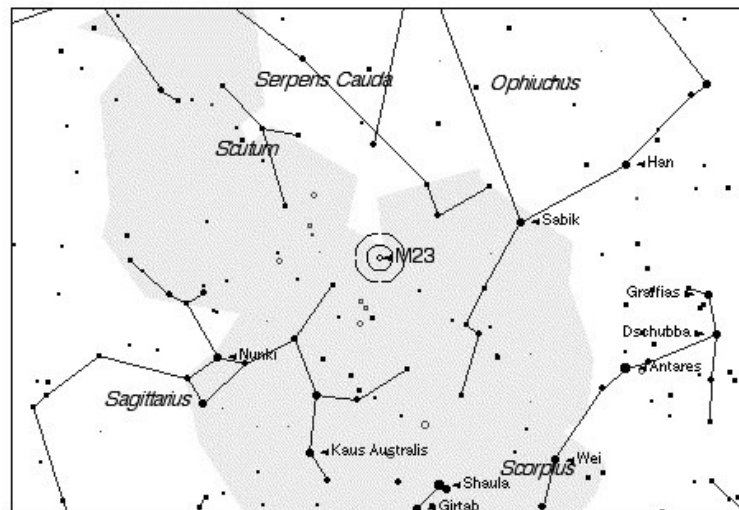
Equipment

Sky Conditions Transparency Seeing

Session Notes

Observing Notes

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



The Ultimate Messier Object Log

Messier # M025

NGC 1C4725

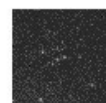
Seen? ☐

Date seen

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

Magnitude

4.9



RA 18h 28.8m Dec -19 17 Size 40.0

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

Binocular Difficulty E

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

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

Personal Viewing Notes

Viewing Time Comments

Observing Site

Equipment

Sky Conditions

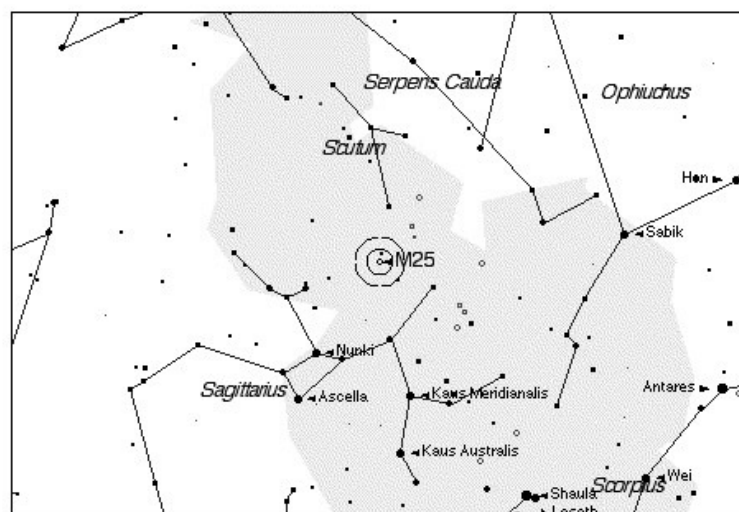
Transparency

Seeing

Session Notes

Observing Notes

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



The Ultimate Messier Object Log

Messier # M008

NGC 6523

Seen? ☐

Date seen

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

Magnitude

5.0



RA 18h 3.1m Dec -24 23 Size 35.0x50.0

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

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

Personal Viewing Notes

Viewing Time Comments

Observing Site

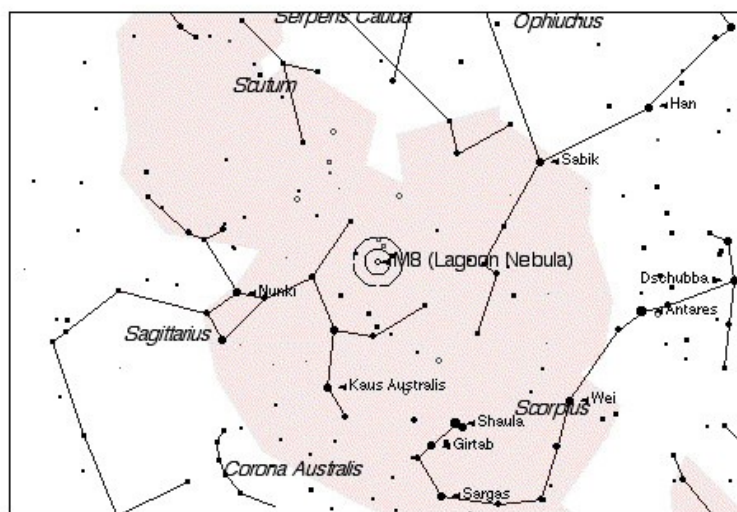
Equipment

Sky Conditions Transparency Seeing

Session Notes

Observing Notes

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



The Ultimate Messier Object Log

Messier # M020

NGC 6514

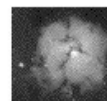
Seen? ☐

Date seen

Type Diffuse Nebula
Name (if any) Trifid Nebula
Constellation Sagittarius
Marathon Order # 97

Magnitude

5.0



RA 18h 2.3m Dec -23.2 Size 28.0

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

Binocular Difficulty C2

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

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

Personal Viewing Notes

Viewing Time Comments

Observing Site

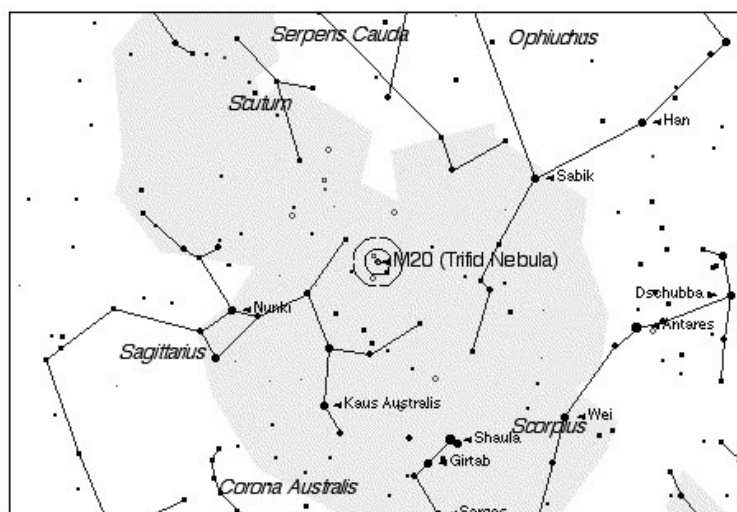
Equipment

Sky Conditions Transparency Seeing

Session Notes

Observing Notes

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



The Ultimate Messier Object Log

Messier # M021

NGC 6531

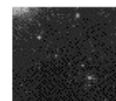
Seen? ☐

Date seen

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

Magnitude

7.0



RA 18h 4.6m Dec -22 30 Size 13.0

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

Binocular Difficulty ?

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

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

Personal Viewing Notes

Viewing Time Comments

Observing Site

Equipment

Sky Conditions

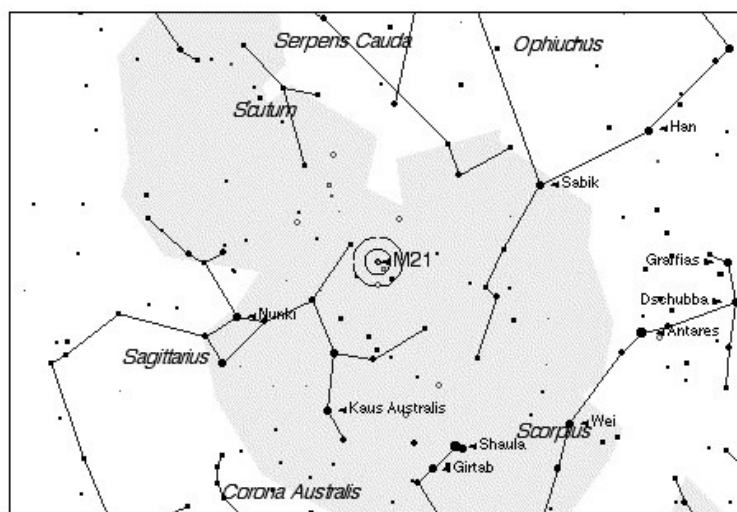
Transparency

Seeing

Session Notes

Observing Notes

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



The Ultimate Messier Object Log

Messier # M007

NGC 6475

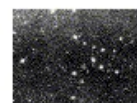
Seen? ☐

Date seen

Type Open Cluster
Name (if any) Ptolemy's Cluster
Constellation Scorpius
Marathon Order # 87

Magnitude

3.3



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.)

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

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

Personal Viewing Notes

Viewing Time Comments

Observing Site

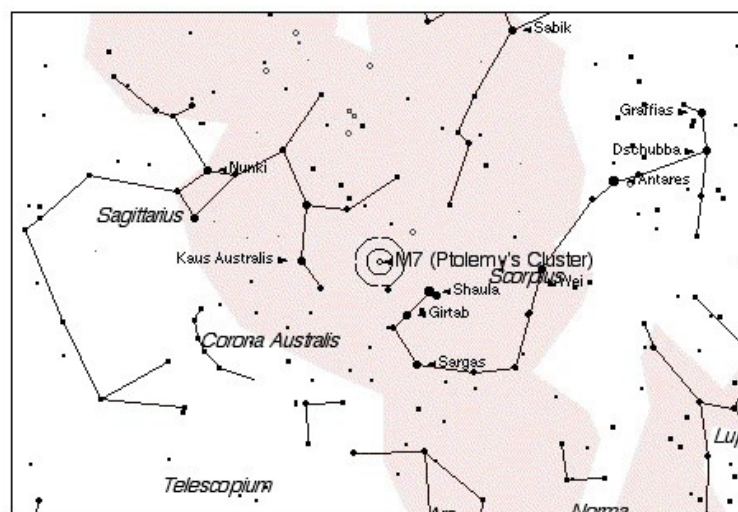
Equipment

Sky Conditions Transparency Seeing

Session Notes

Observing Notes

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



The Ultimate Messier Object Log

Messier # M006

NGC 64 05

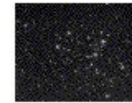
Seen? ☐

Date seen

Type Open Cluster
Name (if any) Butterfly Cluster
Constellation Scorpius
Marathon Order # 86

Magnitude

4.2



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

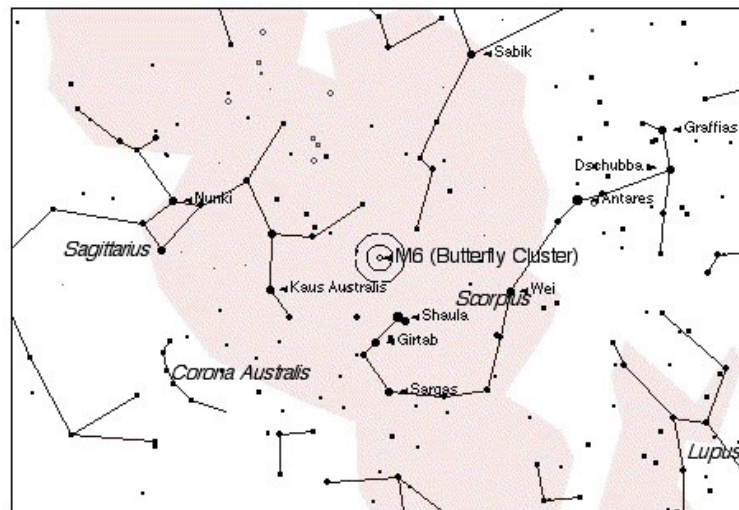
Equipment

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 # M022

NGC 6656

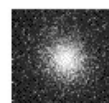
Seen? ☐

Date seen

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

Magnitude

6.5



RA 18h 36.4m Dec -29 54 Size 24.0

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

Binocular Difficulty E

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

Personal Viewing Notes

Viewing Time Comments

Observing Site

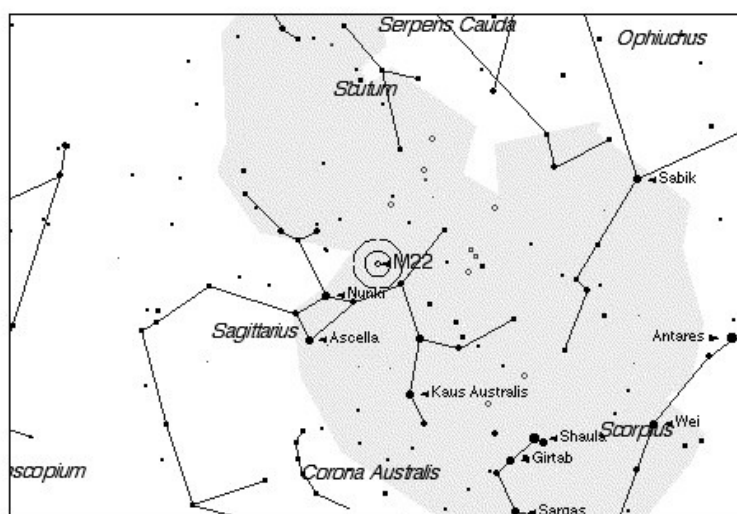
Equipment

Sky Conditions Transparency Seeing

Session Notes

Observing Notes

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



The Ultimate Messier Object Log

Messier # M028

NGC 6626

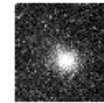
Seen? ☐

Date seen

Type Globular Cluster
Name (if any) N/A
Constellation Sagittarius
Marathon Order # 99

Magnitude

8.5



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

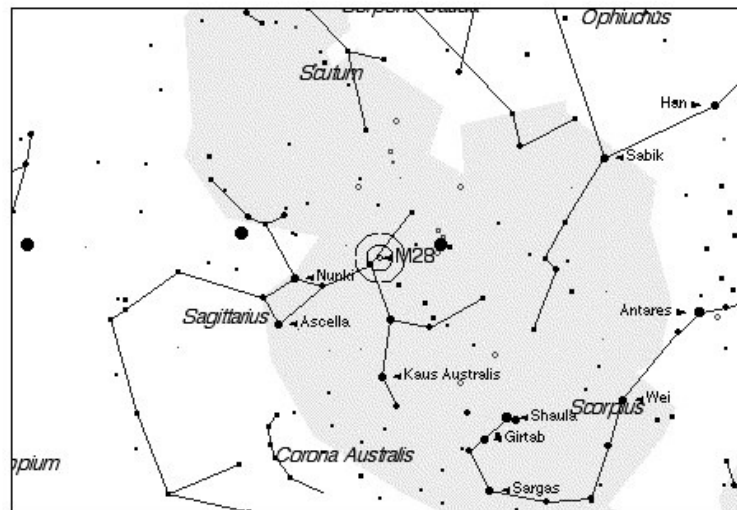
Sky Conditions Transparency

Seeing

Session Notes

Observing Notes

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



The Ultimate Messier Object Log

Messier # M069

NGC 6637

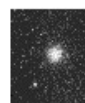
Seen? ☐

Date seen

Type Globular Cluster
Name (if any) N/A
Constellation Sagittarius
Marathon Order # 101

Magnitude

9.0



RA 18h 34.4m Dec -32 21 Size 7.1

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

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

Personal Viewing Notes

Viewing Time Comments

Observing Site

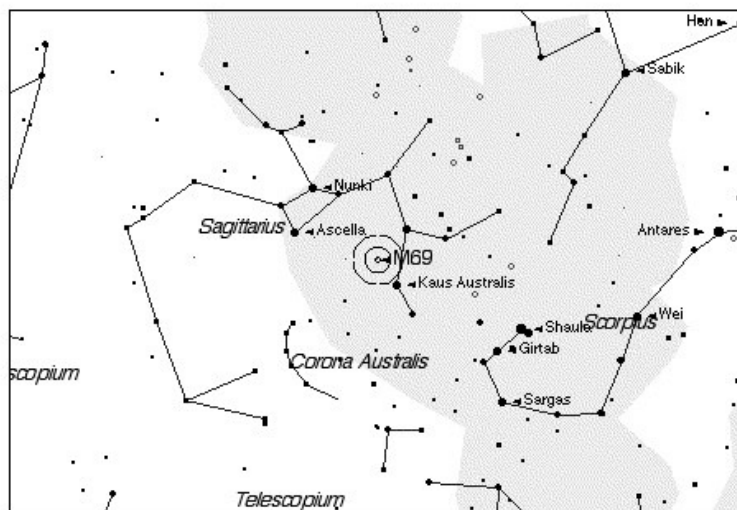
Equipment

Sky Conditions Transparency Seeing

Session Notes

Observing Notes

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



The Ultimate Messier Object Log

Messier # M054

NGC 6715

Seen? ☐

Date seen

Type Globular Cluster
Name (if any) N/A
Constellation Sagittarius
Marathon Order # 103

Magnitude

8.5



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

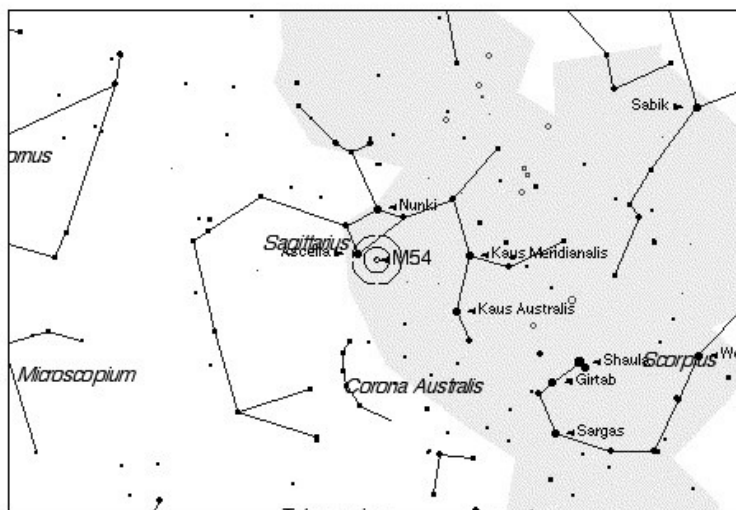
Equipment

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 # M015

NGC 7078

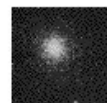
Seen? ☐

Date seen

Type Globular Cluster
Name (if any) N/A
Constellation Pegasus
Marathon Order # 106

Magnitude

6.4



RA 21h 30m Dec 12 10 Size 12.3

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

Binocular Difficulty E

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

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

Personal Viewing Notes

Viewing Time Comments

Observing Site

Equipment

Sky Conditions

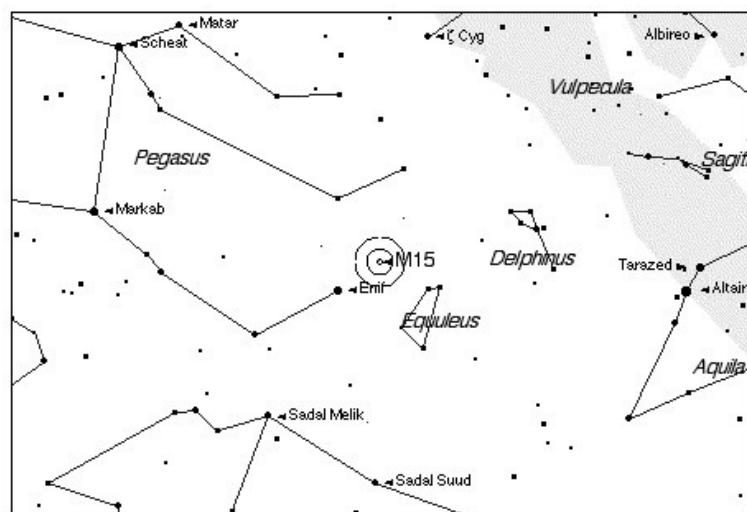
Transparency

Seeing

Session Notes

Observing Notes

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



The Ultimate Messier Object Log

Messier # M070

NGC 6681

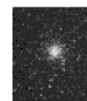
Seen? ☐

Date seen

Type Globular Cluster
Name (if any) N/A
Constellation Sagittarius
Marathon Order # 102

Magnitude

9.0



RA 18h 43.2m Dec -32 18 Size 7.8

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

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

Personal Viewing Notes

Viewing Time Comments

Observing Site

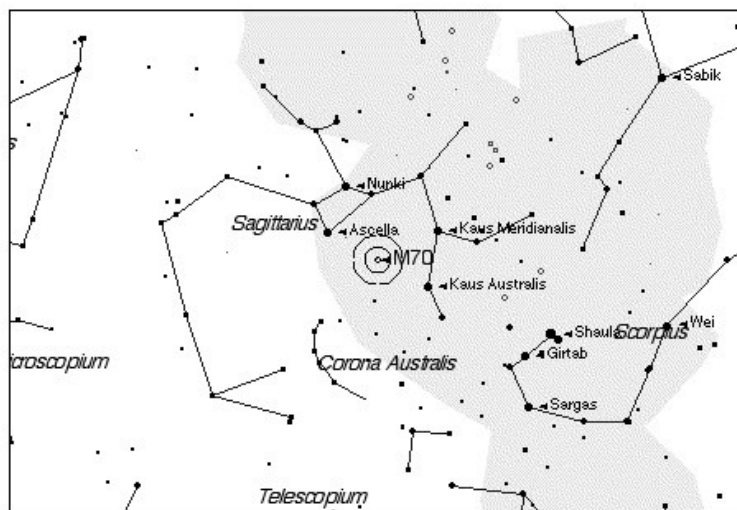
Equipment

Sky Conditions Transparency Seeing

Session Notes

Observing Notes

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



The Ultimate Messier Object Log

Messier # M072

NGC 6981

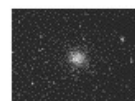
Seen? ☐

Date seen

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

Magnitude

10.0



RA 20h 53.5m Dec -12 32 Size 5.9

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

Binocular Difficulty T2

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

Personal Viewing Notes

Viewing Time Comments

Observing Site

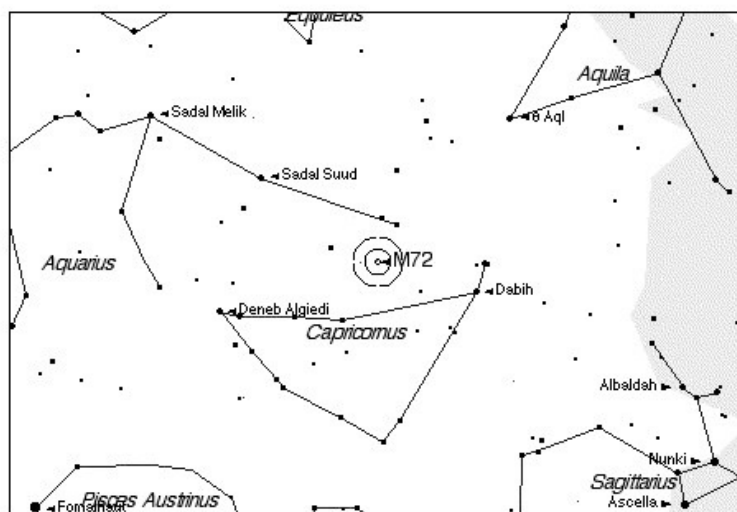
Equipment

Sky Conditions Transparency Seeing

Session Notes

Observing Notes

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



The Ultimate Messier Object Log

Messier # M075

NGC 6864

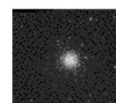
Seen? ☐

Date seen

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

Magnitude

9.5



RA 20h 6.1m Dec -21 55 Size 6.0

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

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

Personal Viewing Notes

Viewing Time Comments

Observing Site

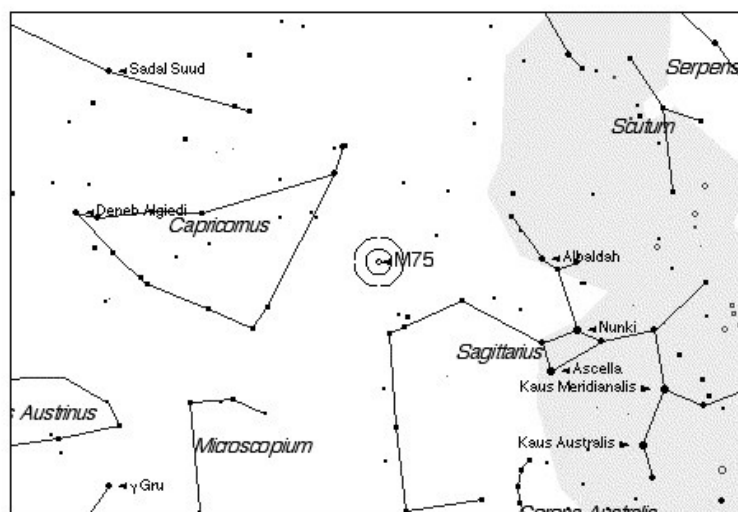
Equipment

Sky Conditions Transparency Seeing

Session Notes

Observing Notes

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



The Ultimate Messier Object Log

Messier # M073

NGC 6994

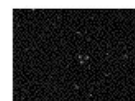
Seen? ☐

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

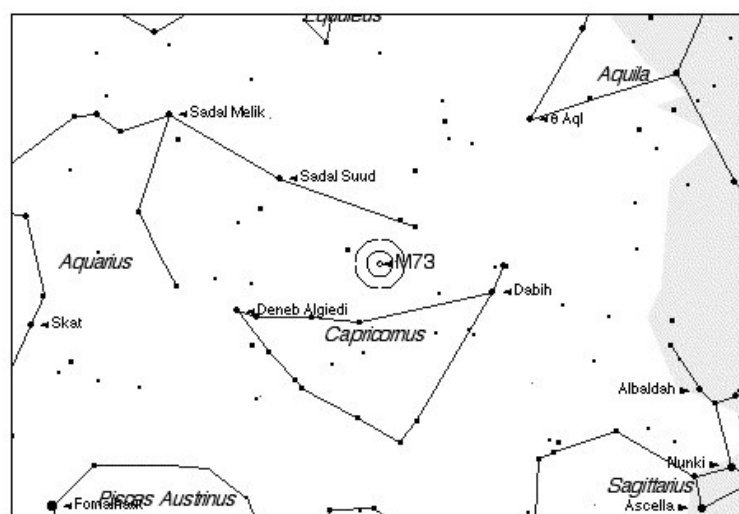
Equipment

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 # M002

NGC 7089

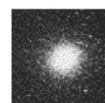
Seen? ☐

Date seen

Type Globular Cluster
Name (if any) N/A
Constellation Aquarius
Marathon Order # 107

Magnitude

6.5



RA 21h 33.5m Dec -0 49 Size 12.9

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

Binocular Difficulty E

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

Personal Viewing Notes

Viewing Time Comments

Observing Site

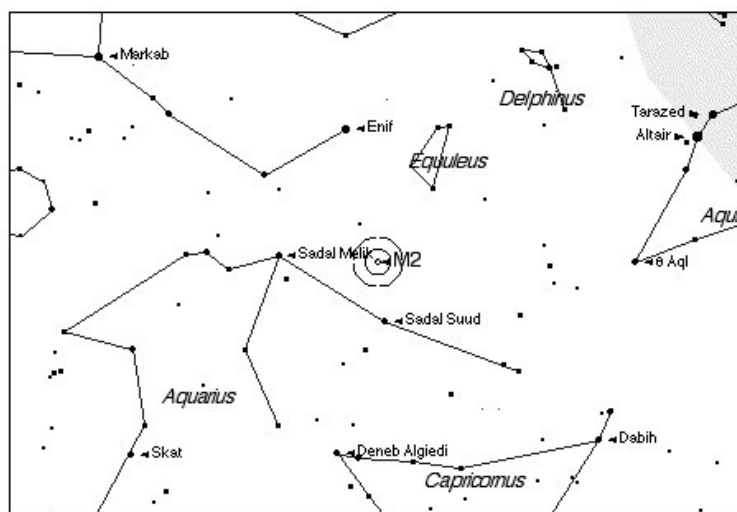
Equipment

Sky Conditions Transparency Seeing

Session Notes

Observing Notes

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



The Ultimate Messier Object Log

Messier # M055

NGC 6809

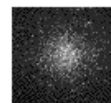
Seen? ☐

Date seen

Type Globular Cluster
Name (if any) N/A
Constellation Sagittarius
Marathon Order # 104

Magnitude

7.0



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

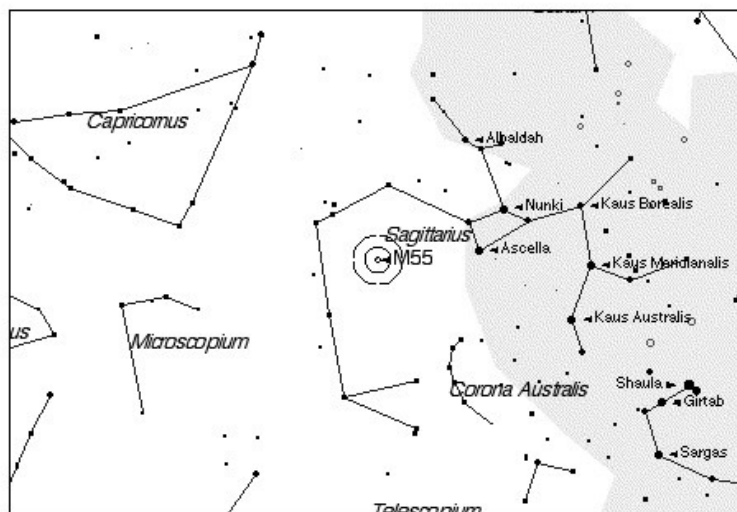
Equipment

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 # M030

NGC 7099

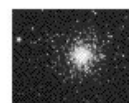
Seen? ☐

Date seen

Type Globular Cluster
Name (if any) N/A
Constellation Capricornus
Marathon Order # 110

Magnitude

8.5



RA 21h 40.4m Dec -23 11 Size 11.0

Sky Atlas 2000 page 23 Other Chart Page(s) (Enter page # from your favorite chart here.)

Binocular Difficulty T

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

Personal Viewing Notes

Viewing Time Comments

Observing Site

Equipment

Sky Conditions Transparency Seeing

Session Notes

Observing Notes

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

