

The Ultimate Messier Object Log

Messier # M074

NGC 0628 *Seen?*

Date seen

Type Spiral Galaxy **Magnitude** 10.5
Name (if any) N/A
Constellation Pisces
Marathon Order # 2

RA 1h 36.6m Dec 15 48 Size 10.2x9.5

Sky Atlas 2000 page 10 *Other Chart Page(s)* (Enter page # from your favorite chart here.)
Binocular Difficulty C2 *E=easy, T=tough, C=challenging / 7x50.*
E2=easy, T2=tough, C2=challenging / 11x80.



Personal Viewing Notes

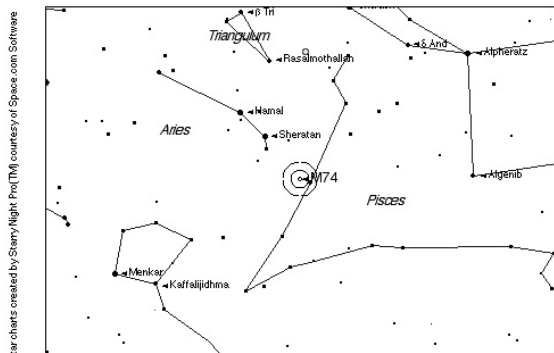
Viewing Time *Comments* *Observing Site*

Equipment

Sky Conditions *Transparency* *Seeing*

Session Notes

Observing Notes



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

The Ultimate Messier Object Log

Messier # M077

NGC 1068 *Seen?*

Date seen

Type Spiral Galaxy **Magnitude** 10.5
Name (if any) N/A
Constellation Cetus
Marathon Order # 1

RA 2h 42.7m Dec -9 2 Size 7.0x6.0

Sky Atlas 2000 page 10 *Other Chart Page(s)* (Enter page # from your favorite chart here.)
Binocular Difficulty C2 *E=easy, T=tough, C=challenging / 7x50.*
E2=easy, T2=tough, C2=challenging / 11x80.



Personal Viewing Notes

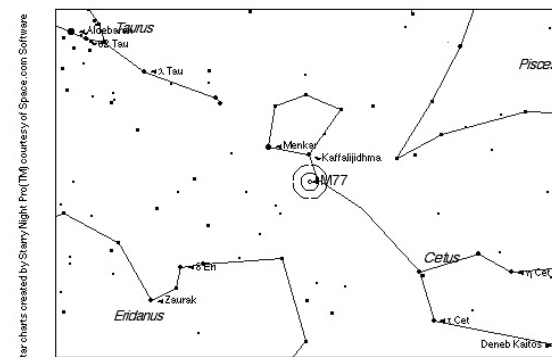
Viewing Time *Comments* *Observing Site*

Equipment

Sky Conditions *Transparency* *Seeing*

Session Notes

Observing Notes




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

The Ultimate Messier Object Log

Messier # M031

NGC 0224 Seen?
Date seen

Type **Spiral Galaxy** Magnitude **4.5**
 Name (if any) **Andromeda Galaxy**
 Constellation **Andromeda**
 Marathon Order # **4** 

RA 0h 42.8m Dec 41 16 Size 178.0

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

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

Personal Viewing Notes

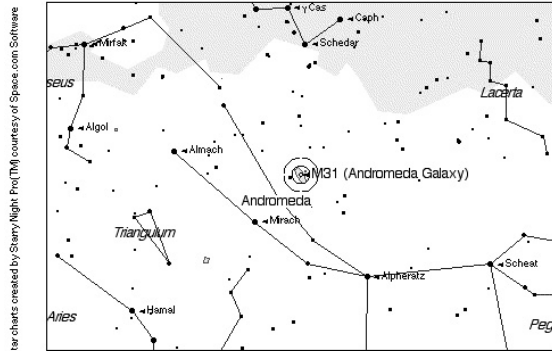
Viewing Time Observing Site

Equipment

Sky Conditions Transparency Seeing

Session Notes


Observing Notes



The Ultimate Messier Object Log

Messier # M032

NGC 0221 Seen?
Date seen

Type **Elliptical Galaxy** Magnitude **10.0**
 Name (if any) **Satellite of M31**
 Constellation **Andromeda**
 Marathon Order # **5** 

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

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

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

Personal Viewing Notes

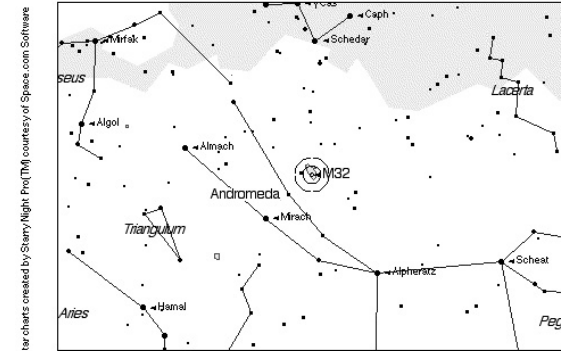
Viewing Time Observing Site

Equipment

Sky Conditions Transparency Seeing

Session Notes

Observing Notes



The Ultimate Messier Object Log

Messier # M110

NGC 02 05 Seen?
Date seen

Type **Elliptical Galaxy** Magnitude **10.0**
 Name (if any) **Satellite of M31**
 Constellation **Andromeda**
 Marathon Order # **6**

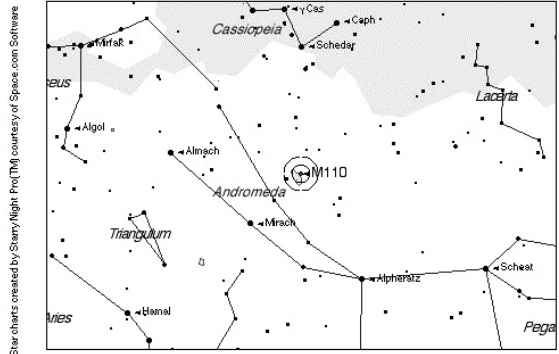
RA 0h 40.4m Dec 41 41 Size 17.0x10.0

Sky Atlas 2000 page 4 Other Chart Page(s) (Enter page # from your favorite chart here.)
 Binocular Difficulty C2 E=easy, T=tough, C=challenging / 7x50
 E2=easy, T2=tough, C2=challenging / 11x80.



Personal Viewing Notes

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



The Ultimate Messier Object Log

Messier # M033

NGC 05 98 Seen?
Date seen

Type **Spiral Galaxy** Magnitude **7.0**
 Name (if any) **Triangulum (also Pinwheel)**
 Constellation **Triangulum**
 Marathon Order # **3**

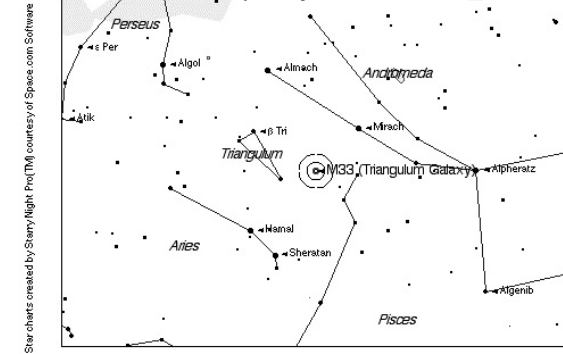
RA 1h 33.9m Dec 30 40 Size 73.0x45.0

Sky Atlas 2000 page 4 Other Chart Page(s) (Enter page # from your favorite chart here.)
 Binocular Difficulty T2 E=easy, T=tough, C=challenging / 7x50
 E2=easy, T2=tough, C2=challenging / 11x80.



Personal Viewing Notes


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



The Ultimate Messier Object Log

Messier # M052

NGC 7654 Seen?
Date seen

Type	Open Cluster	Magnitude	
Name (if any)	N/A	8.0	
Constellation	Cassiopeia		
Marathon Order #	7		
RA	23h 24.2m	Dec	61 35
Size	13.0		
Sky Atlas 2000 page	3	Other Chart Page(s)	(Enter page # from your favorite chart here.)
Binocular Difficulty	E	E=easy, T=tough, C=challenging / 7x50.	
		E2=easy, T2=tough, C2=challenging / 11x80.	

Personal Viewing Notes

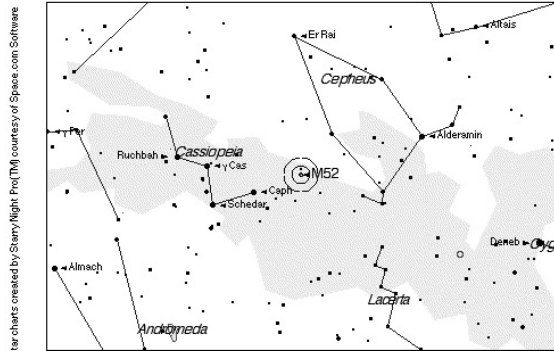
Viewing Time Comments Observing Site

Equipment

Sky Conditions Transparency Seeing

Session Notes


Observing Notes



The Ultimate Messier Object Log

Messier # M103

NGC 0581 Seen?
Date seen

Type	Open Cluster	Magnitude	
Name (if any)	N/A	7.0	
Constellation	Cassiopeia		
Marathon Order #	8		
RA	1h 33.2m	Dec	60 42
Size	6.0		
Sky Atlas 2000 page	1	Other Chart Page(s)	(Enter page # from your favorite chart here.)
Binocular Difficulty	E	E=easy, T=tough, C=challenging / 7x50.	
		E2=easy, T2=tough, C2=challenging / 11x80.	

Personal Viewing Notes

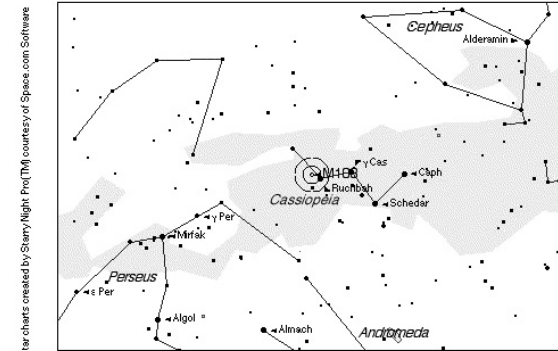
Viewing Time Comments Observing Site

Equipment

Sky Conditions Transparency Seeing

Session Notes

Observing Notes



The Ultimate Messier Object Log

Messier # M076

NGC 0650 Seen?

Date seen

Type Planetary Nebula
 Name (if any) Little Dumbell, 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

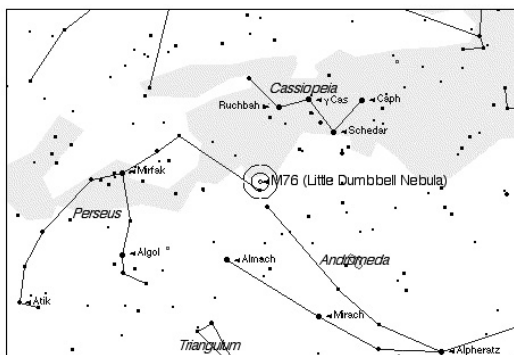
Equipment

Sky Conditions Transparency Seeing

Session Notes

Observing Notes

Star charts created by Stary 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

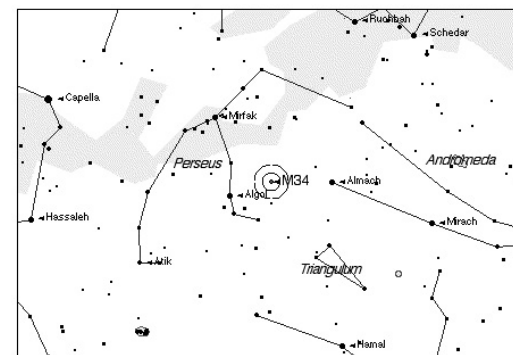
Equipment

Sky Conditions Transparency Seeing

Session Notes

Observing Notes

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



The Ultimate Messier Object Log

Messier # M079

NGC 1904 Seen?
Data seen

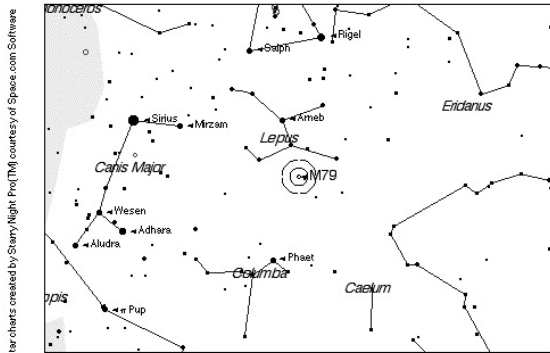
Type Globular Cluster
Name (if any) N/A
Constellation Lepus
Marathon Order # 12
Magnitude 8.5



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.)
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

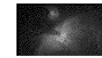


The Ultimate Messier Object Log

Messier # M042

NGC 1976 Seen?
Data seen

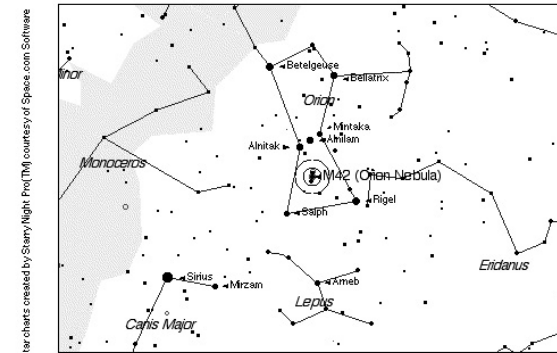
Type Diffuse Nebula
Name (if any) Great Orion Nebula
Constellation Orion
Marathon Order # 13
Magnitude 5.0



RA 5h 35.3m Dec -5 23 Size 85.0x60.0
Sky Atlas 2000 page 11 Other Chart Page(s) (Enter page # from your favorite chart here.)
Binocular Difficulty E E=easy, T=tough, C=challenging / 7x50.
E2=easy, T2=tough, C2=challenging / 11x80.

Personal Viewing Notes

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



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
 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

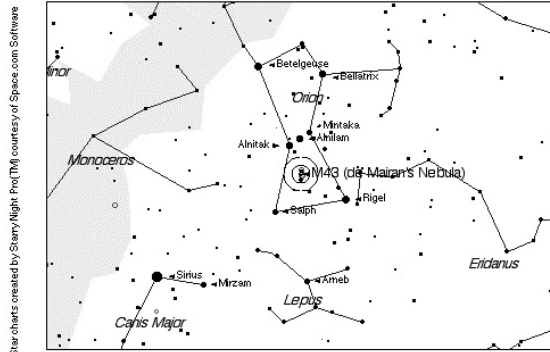
Observing Site

Equipment

Sky Conditions Transparency Seeing

Session Notes

Observing Notes



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
 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

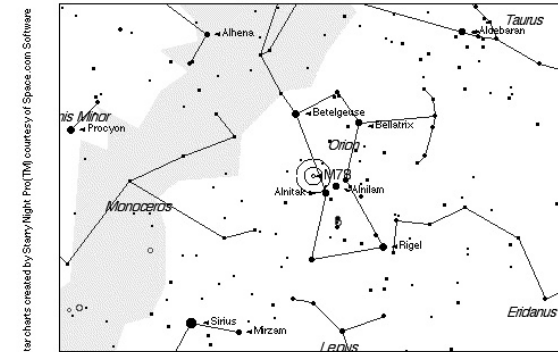
Observing Site

Equipment

Sky Conditions Transparency Seeing

Session Notes

Observing Notes



The Ultimate Messier Object Log

Messier # M045

NGC 1432 *Seen?*

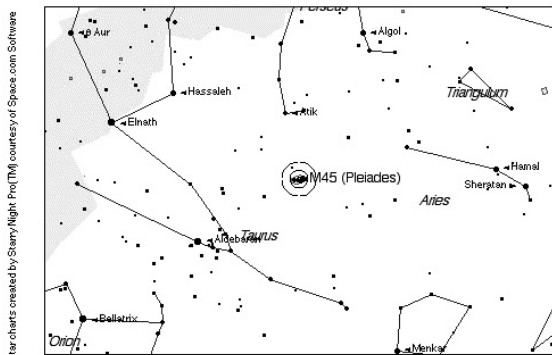
Date seen

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 Slamy/Night Prof(TM) courtesy of Space.com Software

The Ultimate Messier Object Log

Messier # M001

NGC 1952 *Seen?*

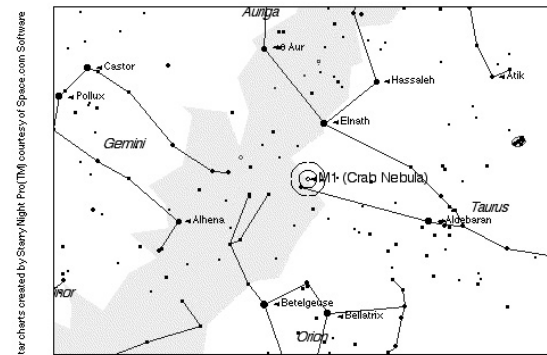
Date seen

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 Slamy/Night Prof(TM) courtesy of Space.com Software

The Ultimate Messier Object Log

Messier # M038

NGC 1922 *Seen?*

Date seen

<i>Type</i>	Open Cluster	<i>Magnitude</i>	7.0
<i>Name (if any)</i>	N/A		
<i>Constellation</i>	Auriga		
<i>Marathon Order #</i>	20		
<i>RA</i>	5h 28.7m	<i>Dec</i>	35 50
		<i>Size</i>	21.0
<i>Sky Atlas 2000 page</i>	5	<i>Other Chart Page(s)</i>	(Enter page # from your favorite chart here.)
<i>Binocular Difficulty</i>	E	<i>E=easy, T=tough, C=challenging / 7x50. E2=easy, T2=tough, C2=challenging / 11x80.</i>	



Personal Viewing Notes

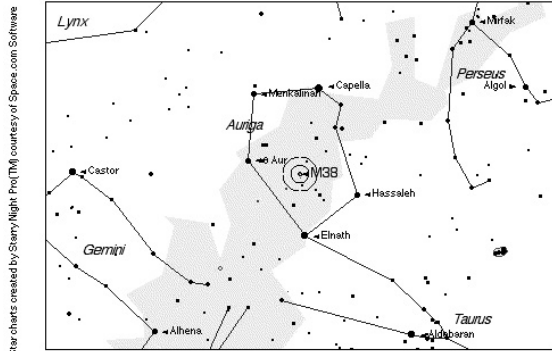
Viewing Time *Comments* *Observing Site*

Equipment

Sky Conditions *Transparency* *Seeing*

Session Notes

Observing Notes



The Ultimate Messier Object Log

Messier # M036

NGC 1960 *Seen?*

Date seen

<i>Type</i>	Open Cluster	<i>Magnitude</i>	6.5
<i>Name (if any)</i>	N/A		
<i>Constellation</i>	Auriga		
<i>Marathon Order #</i>	19		
<i>RA</i>	5h 36.1	<i>Dec</i>	34 08
		<i>Size</i>	12.0
<i>Sky Atlas 2000 page</i>	5	<i>Other Chart Page(s)</i>	(Enter page # from your favorite chart here.)
<i>Binocular Difficulty</i>	E	<i>E=easy, T=tough, C=challenging / 7x50. E2=easy, T2=tough, C2=challenging / 11x80.</i>	



Personal Viewing Notes

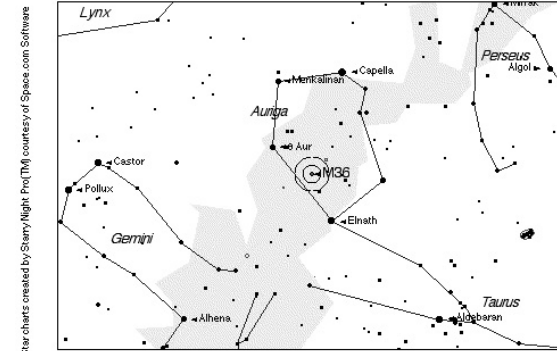
Viewing Time *Comments* *Observing Site*

Equipment

Sky Conditions *Transparency* *Seeing*

Session Notes


Observing Notes



The Ultimate Messier Object Log

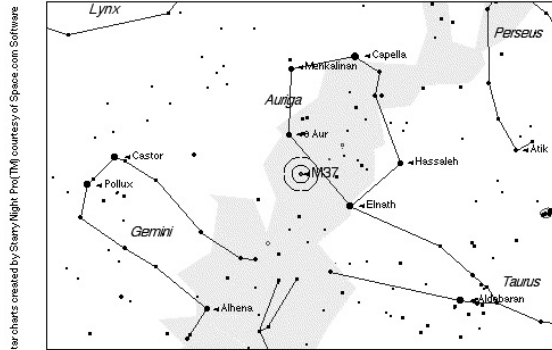
Messier # M037

NGC 2099 Seen?
Date seen

Type	Open Cluster	Magnitude
Name (if any)	N/A	6.0
Constellation	Auriga	
Marathon Order #	18	
RA	5h 52.4m	Dec 32 33
Size	24.0	
Sky Atlas 2000 page	5	Other Chart Page(s)
<small>(Enter page # from your favorite chart here.)</small>		
Binocular Difficulty	E	<small>E=easy, T=tough, C=challenging / 7x50. E2=easy, T2=tough, C2=challenging / 11x80.</small>

Personal Viewing Notes


Viewing Time _____ Observing Site _____
 Equipment _____
 Sky Conditions _____ Transparency Seeing
 Session Notes _____
 Observing Notes _____



The Ultimate Messier Object Log

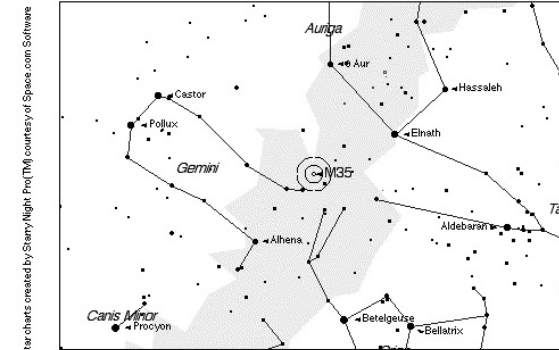
Messier # M035

NGC 2168 Seen?
Date seen

Type	Open Cluster	Magnitude
Name (if any)	N/A	5.5
Constellation	Gemini	
Marathon Order #	17	
RA	6h 8.9m	Dec 24 20
Size	28.0	
Sky Atlas 2000 page	5	Other Chart Page(s)
<small>(Enter page # from your favorite chart here.)</small>		
Binocular Difficulty	E	<small>E=easy, T=tough, C=challenging / 7x50. E2=easy, T2=tough, C2=challenging / 11x80.</small>

Personal Viewing Notes


Viewing Time _____ Observing Site _____
 Equipment _____
 Sky Conditions _____ Transparency Seeing
 Session Notes _____
 Observing Notes _____



The Ultimate Messier Object Log

Messier # M041

NGC 2287 Seen?
Date seen

Type	Open Cluster	Magnitude	
Name (if any)	N/A	5.0	
Constellation	Canis Major		
Marathon Order #	21		
RA	6h 47.0m	Dec -20 44	Size 38.0
Sky Atlas 2000 page	19	Other Chart Page(s)	(Enter page # from your favorite chart here.)
Binocular Difficulty	E	E=easy, T=tough, C=challenging / 7x50. E2=easy, T2=tough, C2=challenging / 11x80.	

Personal Viewing Notes

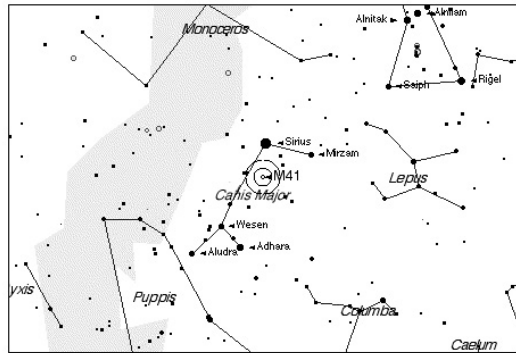
Viewing Time Comments Observing Site

Equipment

Sky Conditions Transparency Seeing

Session Notes


Observing Notes



The Ultimate Messier Object Log

Messier # M050

NGC 2323 Seen?
Date seen

Type	Open Cluster	Magnitude	
Name (if any)	N/A	7.0	
Constellation	Monoceros		
Marathon Order #	25		
RA	7h 3.2m	Dec -8 20	Size 16.0
Sky Atlas 2000 page	12	Other Chart Page(s)	(Enter page # from your favorite chart here.)
Binocular Difficulty	E	E=easy, T=tough, C=challenging / 7x50. E2=easy, T2=tough, C2=challenging / 11x80.	

Personal Viewing Notes

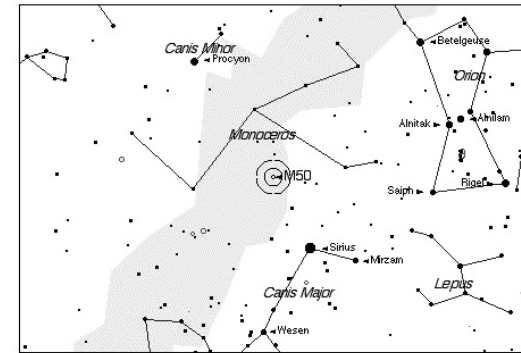
Viewing Time Comments Observing Site

Equipment

Sky Conditions Transparency Seeing

Session Notes


Observing Notes



The Ultimate Messier Object Log

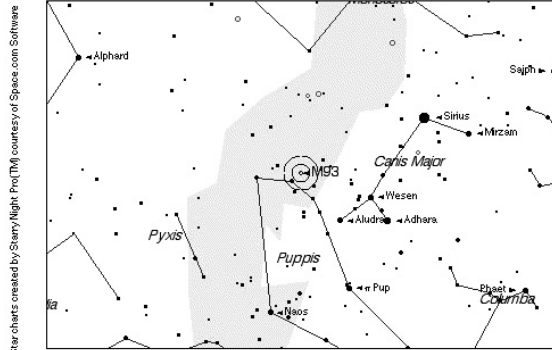
Messier # M093

NGC 2447 Seen?
Date seen

Type	Open Cluster	Magnitude	
Name (if any)	N/A	6.5	
Constellation	Puppis		
Marathon Order #	22		
RA	7h 44.6m	Dec	-23 52
Size	22.0		
Sky Atlas 2000 page	19	Other Chart Page(s)	(Enter page # from your favorite chart here.)
Binocular Difficulty	E	E=easy, T=tough, C=challenging / 7x50.	
		E2=easy, T2=tough, C2=challenging / 11x80.	

Personal Viewing Notes


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



The Ultimate Messier Object Log

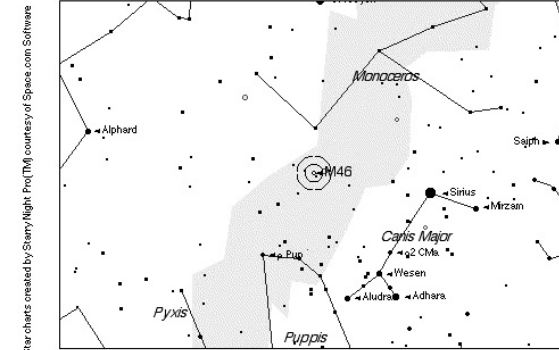
Messier # M046

NGC 2437 Seen?
Date seen

Type	Open Cluster	Magnitude	
Name (if any)	N/A	6.5	
Constellation	Puppis		
Marathon Order #	24		
RA	7h 41.8m	Dec	-14 49
Size	27.0		
Sky Atlas 2000 page	12	Other Chart Page(s)	(Enter page # from your favorite chart here.)
Binocular Difficulty	E	E=easy, T=tough, C=challenging / 7x50.	
		E2=easy, T2=tough, C2=challenging / 11x80.	

Personal Viewing Notes


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



The Ultimate Messier Object Log

Messier # M047

NGC 2422 Seen?
 Date seen

Type	Open Cluster	Magnitude	
Name (if any)	N/A	4.5	
Constellation	Puppis		
Marathon Order #	23		
RA	7h 36.6m	Dec	-14 30
Size	30.0		
Sky Atlas 2000 page	12	Other Chart Page(s)	(Enter page # from your favorite chart here.)
Binocular Difficulty	E	E=easy, T=tough, C=challenging / 7x50.	
		E2=easy, T2=tough, C2=challenging / 11x80.	

Personal Viewing Notes

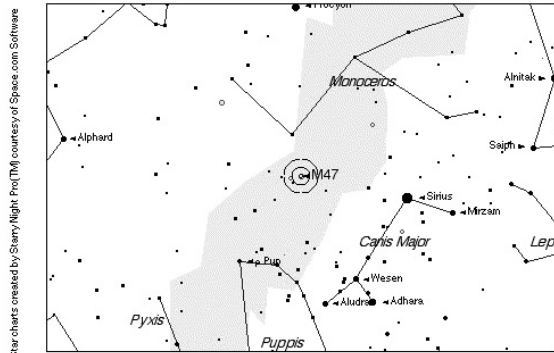
Viewing Time Comments Observing Site

Equipment

Sky Conditions Transparency Seeing

Session Notes


Observing Notes



The Ultimate Messier Object Log

Messier # M048

NGC 2548 Seen?
 Date seen

Type	Open Cluster	Magnitude	
Name (if any)	N/A	5.5	
Constellation	Hydra		
Marathon Order #	26		
RA	8h 13.8m	Dec	-5 48
Size	54.0		
Sky Atlas 2000 page	12	Other Chart Page(s)	(Enter page # from your favorite chart here.)
Binocular Difficulty	E	E=easy, T=tough, C=challenging / 7x50.	
		E2=easy, T2=tough, C2=challenging / 11x80.	

Personal Viewing Notes

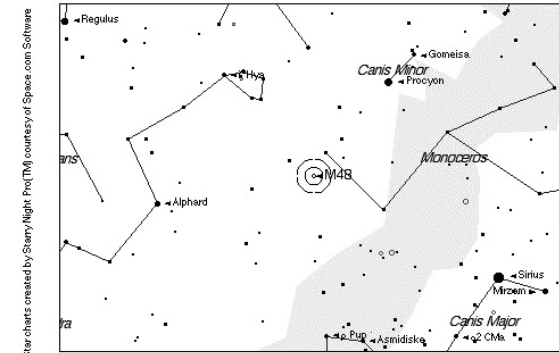
Viewing Time Comments Observing Site

Equipment

Sky Conditions Transparency Seeing

Session Notes

Observing Notes



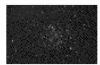
The Ultimate Messier Object Log

Messier # M067 NGC 2628 *Seen?* *Date seen*

Type Open Cluster *Magnitude* 7.5
Name (if any) N/A
Constellation Cancer
Marathon Order # 28

RA 8h 50.4m *Dec* 11 49 *Size* 30.0

Sky Atlas 2000 page 12 *Other Chart Page(s)* (Enter page # from your favorite chart here.)
Binocular Difficulty E *E=easy, T=tough, C=challenging / 7x50, E2=easy, T2=tough, C2=challenging / 11x80.*



Personal Viewing Notes

Viewing Time *Comments* *Observing Site*

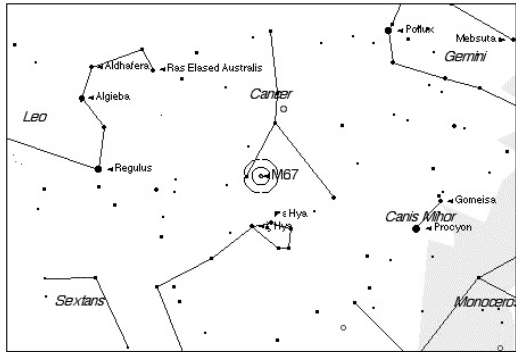
Equipment

Sky Conditions *Transparency* *Seeing*

Session Notes

Observing Notes

Star charts created by Sherry Night Proct (TM) courtesy of Space.com Software



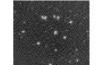
The Ultimate Messier Object Log

Messier # M044 NGC 2632 *Seen?* *Date seen*

Type Open Cluster *Magnitude* 4.0
Name (if any) Beehive Cluster (Praesepe)
Constellation Cancer
Marathon Order # 27

RA 8h 40.1m *Dec* 19 59 *Size* 95.0

Sky Atlas 2000 page 6 *Other Chart Page(s)* (Enter page # from your favorite chart here.)
Binocular Difficulty E *E=easy, T=tough, C=challenging / 7x50, E2=easy, T2=tough, C2=challenging / 11x80.*



Personal Viewing Notes

Viewing Time *Comments* *Observing Site*

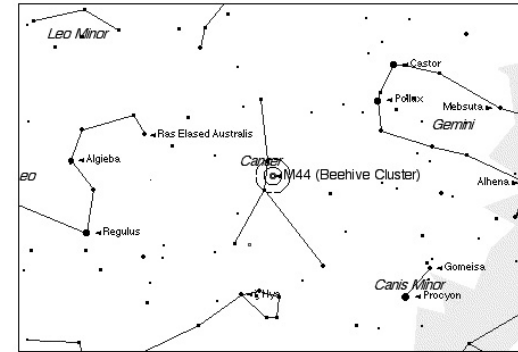
Equipment

Sky Conditions *Transparency* *Seeing*

Session Notes

Observing Notes

Star charts created by Sherry Night Proct (TM) courtesy of Space.com Software



The Ultimate Messier Object Log

Messier # M095

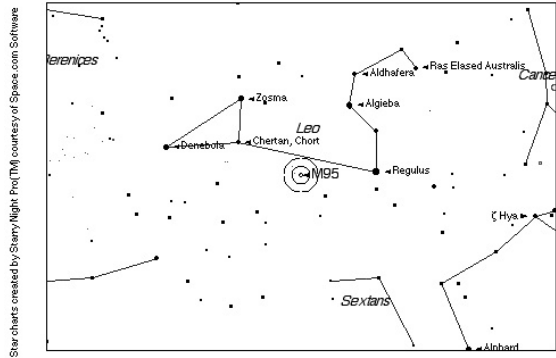
NGC 3361 Seen?
 Date seen

Type Spiral Galaxy
 Name (if any) N/A
 Constellation Leo
 Marathon Order # 28
 Magnitude 11.0
 Size 4.4x3.3
 RA 10h 43.9m Dec 11 42
 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



The Ultimate Messier Object Log

Messier # M096

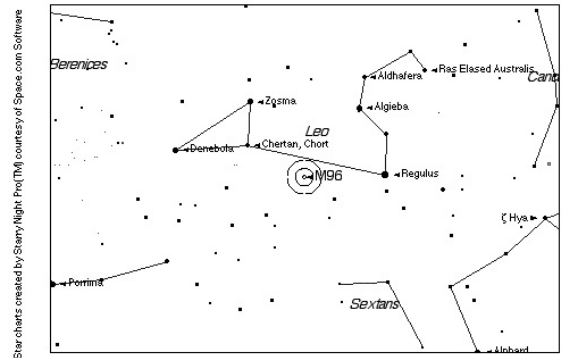
NGC 3368 Seen?
 Date seen

Type Spiral Galaxy
 Name (if any) N/A
 Constellation Leo
 Marathon Order # 29
 Magnitude 10.5
 Size 6.0x4.0
 RA 10h 46.7m Dec 11 49
 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



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

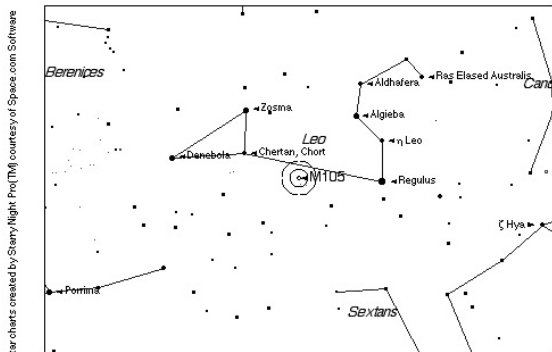
Viewing Time Comments Observing Site

Equipment

Sky Conditions Transparency Seeing

Session Notes

Observing Notes



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

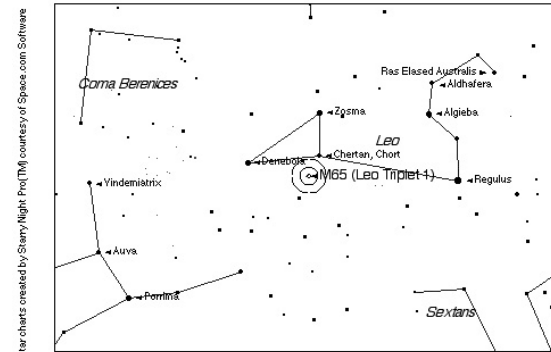
Viewing Time Comments Observing Site

Equipment

Sky Conditions Transparency Seeing

Session Notes

Observing Notes



The Ultimate Messier Object Log

Messier # M066

NGC 3627 Seen?

Date seen

Type **Spiral Galaxy** Magnitude **10.0**
 Name (if any) **N/A**
 Constellation **Leo**
 Marathon Order # **33**



RA 11h 20.2m Dec 13.0 Size 8.0x2.5

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

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

Personal Viewing Notes

Viewing Time Comments Observing Site

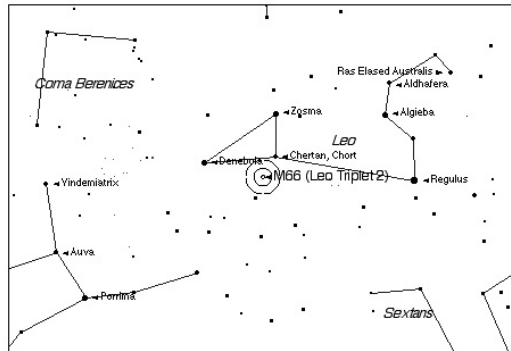
Equipment

Sky Conditions Transparency Seeing

Session Notes

Observing Notes

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



The Ultimate Messier Object Log

Messier # M081

NGC 3031 Seen?

Date seen

Type **Spiral Galaxy** Magnitude **8.5**
 Name (if any) **Bode's Galaxy - 1/2 of Double**
 Constellation **Ursa Major**
 Marathon Order # **34**



RA 9h 55.6m Dec 69.4 Size 21.0x10.0

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

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

Personal Viewing Notes

Viewing Time Comments Observing Site

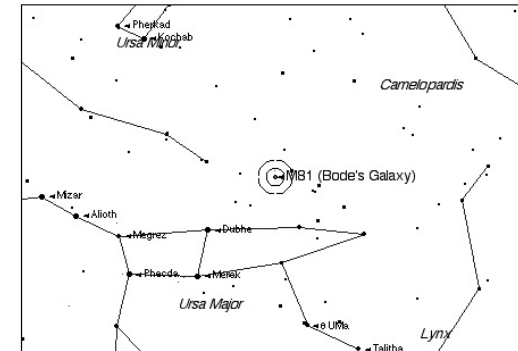
Equipment

Sky Conditions Transparency Seeing

Session Notes

Observing Notes

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



The Ultimate Messier Object Log

Messier # M082

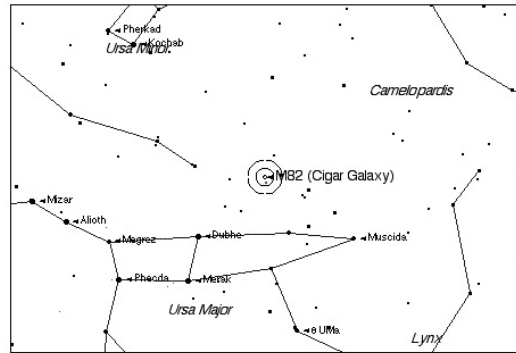
NGC 3034 *Seen?*
Date seen

Type Irregular Galaxy
Name (if any) Cigar Galaxy - 1/2 of Double
Constellation Ursa Major
Marathon Order # 35
RA 9h 55.9m Dec 69 41 Size 9.x4.0
Sky Atlas 2000 page 1 Other Chart Page(s) (Enter page # from your favorite chart here.)
Binocular Difficulty T E=easy, T=tough, C=challenging / 7x50.
E2=easy, T2=tough, C2=challenging / 11x80.



Personal Viewing Notes

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



The Ultimate Messier Object Log

Messier # M108

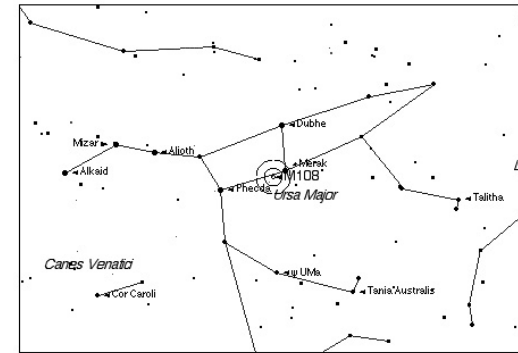
NGC 3556 *Seen?*
Date seen

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



The Ultimate Messier Object Log

Messier # M097

NGC 35 87 *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

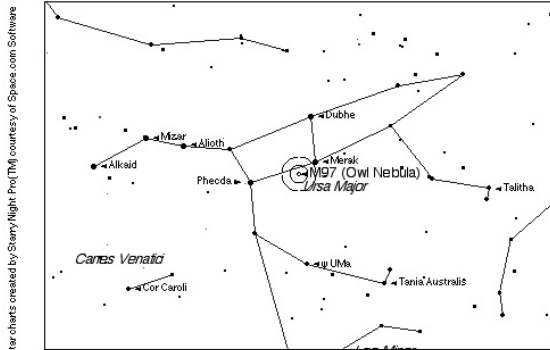
Viewing Time Comments Observing Site

Equipment

Sky Conditions Transparency Seeing

Session Notes

Observing Notes



The Ultimate Messier Object Log

Messier # M051

NGC 51 94 *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

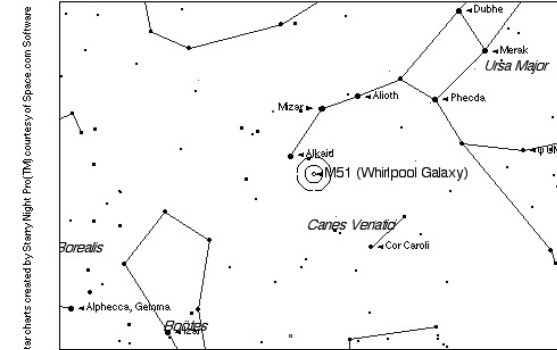
Viewing Time Comments Observing Site

Equipment

Sky Conditions Transparency Seeing

Session Notes

Observing Notes



The Ultimate Messier Object Log

Messier # M109

NGC 3992 Seen?
Date seen

Type	Spiral Galaxy	Magnitude	11.0
Name (if any)	N/A		
Constellation	Ursa Major		
Marathon Order #	38		
RA	11h 57.6m	Dec	53 23
Size	7.0x4.0		
Sky Atlas 2000 page	2	Other Chart Page(s)	(Enter page # from your favorite chart here.)
Binocular Difficulty	T2	E=easy, T=tough, C=challenging / 7x50.	
		E2=easy, T2=tough, C2=challenging / 11x80.	



Personal Viewing Notes

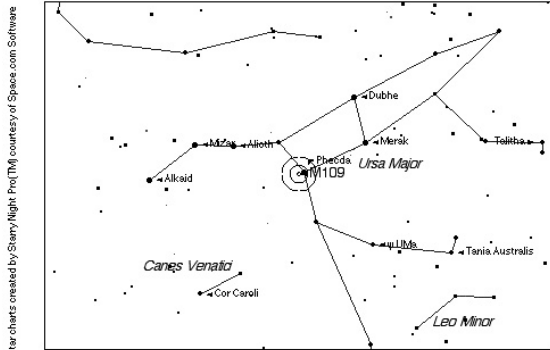
Viewing Time Comments Observing Site

Equipment

Sky Conditions Transparency Seeing

Session Notes

Observing Notes



The Ultimate Messier Object Log

Messier # M040

NGC 7092 Seen?
Date seen

Type	Double Star	Magnitude	9.0
Name (if any)	Winecke 4		
Constellation	Ursa Major		
Marathon Order #	39		
RA	12h 20.0m	Dec	58 22
Size	0.8		
Sky Atlas 2000 page	2	Other Chart Page(s)	(Enter page # from your favorite chart here.)
Binocular Difficulty	T	E=easy, T=tough, C=challenging / 7x50.	
		E2=easy, T2=tough, C2=challenging / 11x80.	



Personal Viewing Notes

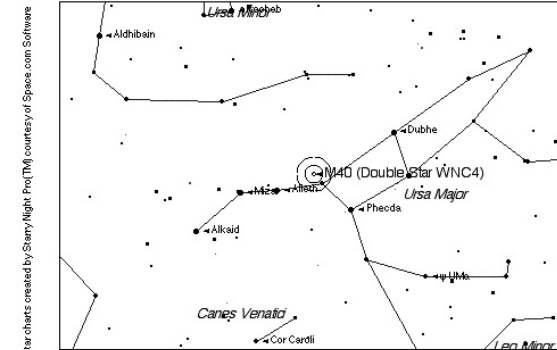
Viewing Time Comments Observing Site

Equipment

Sky Conditions Transparency Seeing

Session Notes

Observing Notes



The Ultimate Messier Object Log

Messier # M101

NGC 5457 Seen?

Date seen

Type **Spiral Galaxy** Magnitude **8.5**
 Name (if any) **Pinwheel Galaxy**
 Constellation **Ursa Major**
 Marathon Order # **44**



RA 14h 3.3m Dec 54 22 Size 22.0

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

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

Personal Viewing Notes

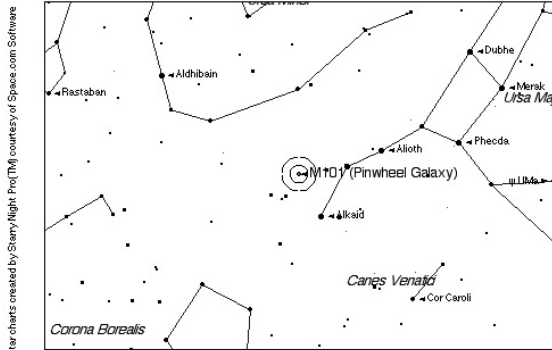
Viewing Time Comments Observing Site

Equipment

Sky Conditions Transparency Seeing

Session Notes

Observing Notes



The Ultimate Messier Object Log

Messier # M102

NGC 5866 Seen?

Date seen

Type **Lenticular (S0) Galaxy** Magnitude **10.5**
 Name (if any) **Spindle Galaxy**
 Constellation **Draco**
 Marathon Order # **45**



RA 15h 6.5m Dec 55 45 Size 5.2x2.3

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

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

Personal Viewing Notes

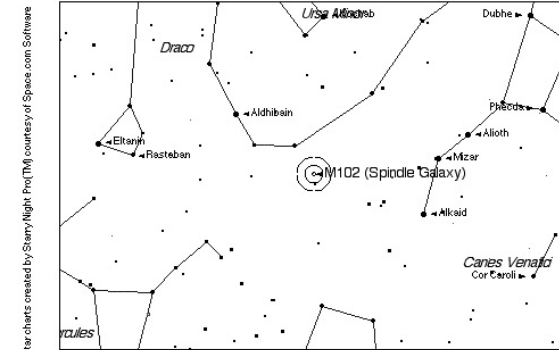
Viewing Time Comments Observing Site

Equipment

Sky Conditions Transparency Seeing

Session Notes


Observing Notes



The Ultimate Messier Object Log

Messier # M104

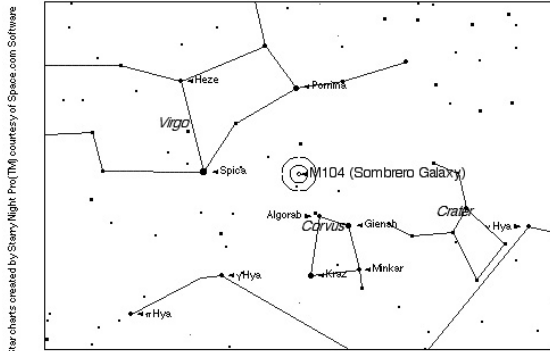
NGC 4594 Seen?
Date seen

Type Spiral Galaxy
Name (if any) Sombrero Galaxy Magnitude 9.5
Constellation Virgo 
Marathon Order # 65

RA 12h 39.9m Dec -11 37 Size 9.0x4.0
Sky Atlas 2000 page 19 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



The Ultimate Messier Object Log

Messier # M063

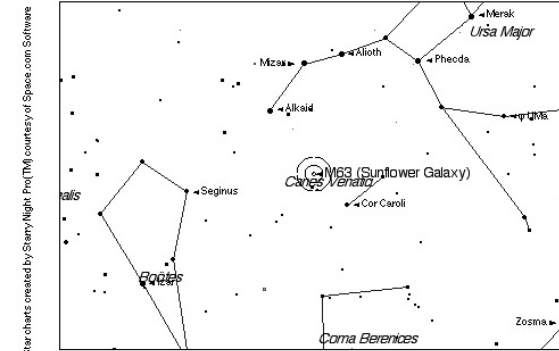
NGC 5055 Seen?
Date seen

Type Spiral Galaxy
Name (if any) Sunflower Galaxy Magnitude 8.5
Constellation Canes Venatici 
Marathon Order # 42

RA 13h 15.8m Dec 42 2 Size 10.0x6.0
Sky Atlas 2000 page 7 Other Chart Page(s) (Enter page # from your favorite chart here.)
Binocular Difficulty T E=easy, T=tough, C=challenging / 7x50.
E2=easy, T2=tough, C2=challenging / 11x80.

Personal Viewing Notes

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



The Ultimate Messier Object Log

Messier # M094

NGC 4736 Seen?
Date seen

Type **Spiral Galaxy** Magnitude **9.5**
 Name (if any) **N/A**
 Constellation **Canes Venatici**
 Marathon Order # **41**

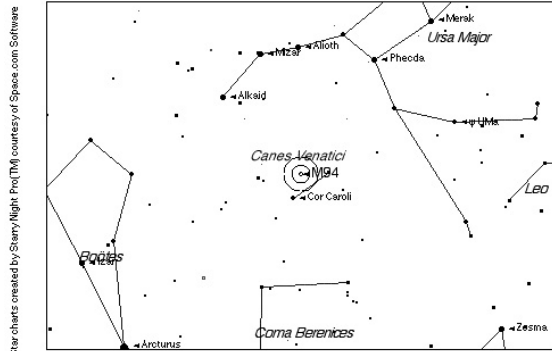
RA 12h 50.9m Dec 41 8 Size 7.0x3.0

Sky Atlas 2000 page **7** Other Chart Page(s) (Enter page # from your favorite chart here.)
 Binocular Difficulty **T** E=easy, T=tough, C=challenging / 7x50.
 E2=easy, T2=tough, C2=challenging / 11x80.



Personal Viewing Notes

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



The Ultimate Messier Object Log

Messier # M106

NGC 4258 Seen?
Date seen

Type **Spiral Galaxy** Magnitude **9.5**
 Name (if any) **N/A**
 Constellation **Ursa Major**
 Marathon Order # **40**

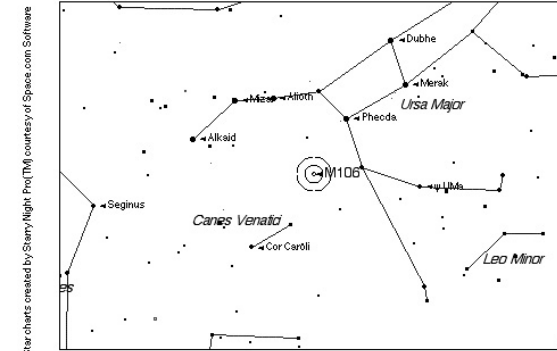
RA 12h 18.9m Dec 47 19 Size 19.0x8.0

Sky Atlas 2000 page **2** Other Chart Page(s) (Enter page # from your favorite chart here.)
 Binocular Difficulty **C** E=easy, T=tough, C=challenging / 7x50.
 E2=easy, T2=tough, C2=challenging / 11x80.



Personal Viewing Notes

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



The Ultimate Messier Object Log

Messier # M003

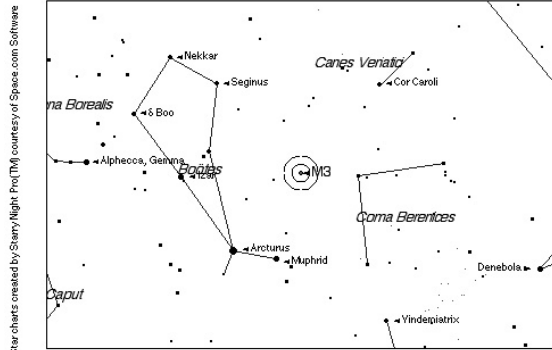
NGC 5272 Seen?
Date seen

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



The Ultimate Messier Object Log

Messier # M053

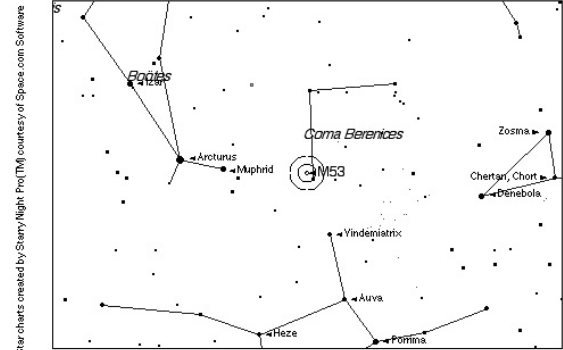
NGC 5024 Seen?
Date seen

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



The Ultimate Messier Object Log

Messier # M064

NGC 4826 Seen?

Date seen

Type **Spiral Galaxy** Magnitude **9.0**
 Name (if any) **Blackeye Galaxy**
 Constellation **Coma Berenices**
 Marathon Order # **47**



RA 12h 56.7m Dec 21 41 Size 9.3x5.4

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

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

Personal Viewing Notes

Viewing Time Comments Observing Site

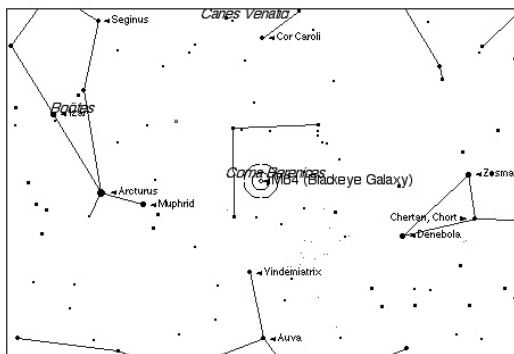
Equipment

Sky Conditions Transparency Seeing

Session Notes

Observing Notes

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



The Ultimate Messier Object Log

Messier # M085

NGC 4382 Seen?

Date seen

Type **Lenticular (S0) Galaxy** Magnitude **10.5**
 Name (if any) **N/A**
 Constellation **Coma Berenices**
 Marathon Order # **52**



RA 12h 25.5m Dec 18 12 Size 7.1x5.2

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

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

Personal Viewing Notes

Viewing Time Comments Observing Site

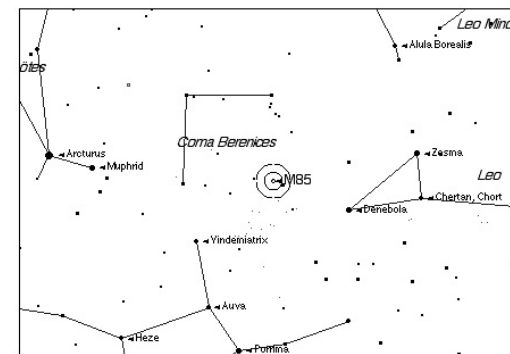
Equipment

Sky Conditions Transparency Seeing

Session Notes

Observing Notes

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



The Ultimate Messier Object Log

Messier # 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

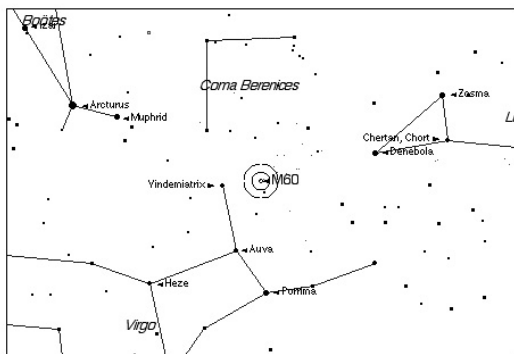
Equipment

Sky Conditions Transparency Seeing

Session Notes

Observing Notes

Star charts created by Sherry Night Proct (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

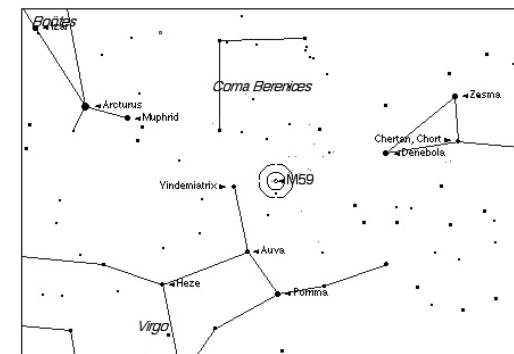
Equipment

Sky Conditions Transparency Seeing

Session Notes

Observing Notes

Star charts created by Sherry Night Proct (TM) courtesy of Space.com Software



The Ultimate Messier Object Log

Messier # M058

NGC 4579 Seen?

Date seen

Type **Spiral Galaxy** Magnitude **11.0**
 Name (if any) **N/A**
 Constellation **Virgo**
 Marathon Order # **60**



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

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

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

Personal Viewing Notes

Viewing Time

Observing Site

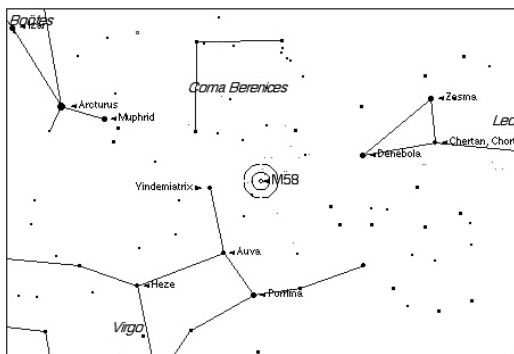
Equipment

Sky Conditions Transparency Seeing

Session Notes

Observing Notes

Star charts created by Sherry Night Proct (TM) courtesy of Space.com Software



The Ultimate Messier Object Log

Messier # M089

NGC 4552 Seen?

Date seen

Type **Elliptical Galaxy** Magnitude **11.5**
 Name (if any) **N/A**
 Constellation **Virgo**
 Marathon Order # **56**



RA 12h 35.7m Dec 12 34 Size 4.0

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

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

Personal Viewing Notes

Viewing Time

Observing Site

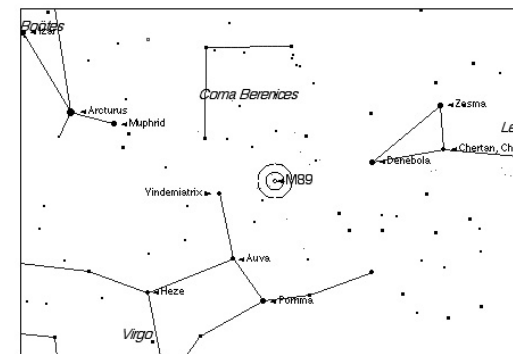
Equipment

Sky Conditions Transparency Seeing

Session Notes

Observing Notes

Star charts created by Sherry Night Proct (TM) courtesy of Space.com Software



The Ultimate Messier Object Log

Messier # M090

NGC 4569 Seen? Date seen

Type **Spiral Galaxy** Magnitude **11.0**
 Name (if any) **N/A**
 Constellation **Virgo**
 Marathon Order # **57**

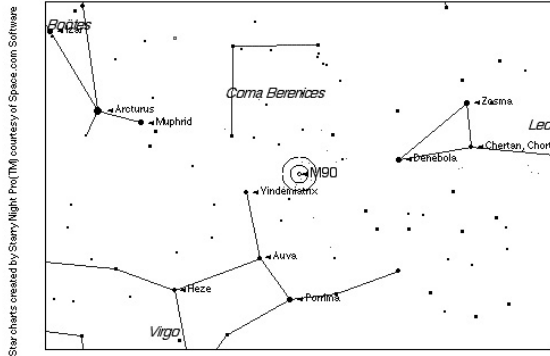
RA 12h 36.9m Dec 13 10 Size 9.5x4.5

Sky Atlas 2000 page 13 Other Chart Page(s) (Enter page # from your favorite chart here.)
 Binocular Difficulty T2 E=easy, T=tough, C=challenging / 7x50.
 E2=easy, T2=tough, C2=challenging / 11x80.



Personal Viewing Notes

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



The Ultimate Messier Object Log

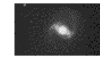
Messier # M091

NGC 4548 Seen? Date seen

Type **Spiral Galaxy** Magnitude **11.5**
 Name (if any) **N/A**
 Constellation **Coma Berenices**
 Marathon Order # **59**

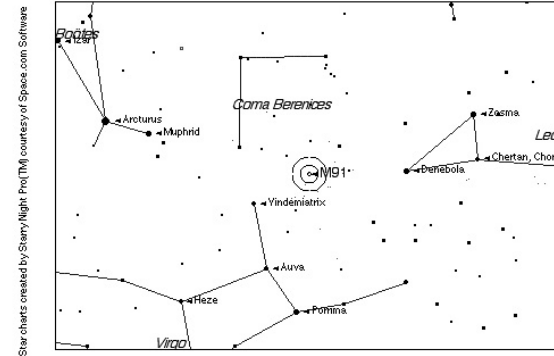
RA 12h 35.5m Dec 14 30 Size 5.4x4.4

Sky Atlas 2000 page 13 Other Chart Page(s) (Enter page # from your favorite chart here.)
 Binocular Difficulty C2 E=easy, T=tough, C=challenging / 7x50.
 E2=easy, T2=tough, C2=challenging / 11x80.



Personal Viewing Notes

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




The Ultimate Messier Object Log

Messier # M088

NGC 4501 Seen?
Date seen

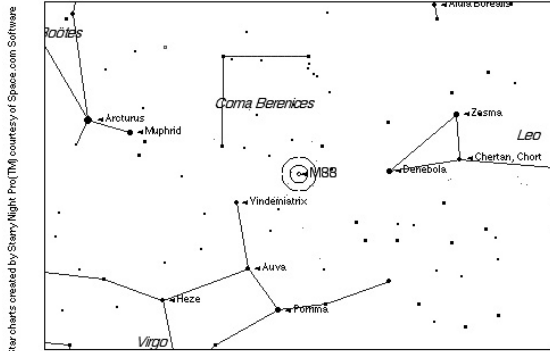
Type **Spiral Galaxy** Magnitude **11.0**
 Name (if any) **N/A**
 Constellation **Coma Berenices**
 Marathon Order # **58**



RA 12h 32.1m Dec 14 26 Size 7.0x4.0
 Sky Atlas 2000 page 19 Other Chart Page(s) (Enter page # from your favorite chart here.)
 Binocular Difficulty T2 E=easy, T=tough, C=challenging / 7x50.
 E2=easy, T2=tough, C2=challenging / 11x80.

Personal Viewing Notes

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




The Ultimate Messier Object Log

Messier # M087

NGC 4486 Seen?
Date seen

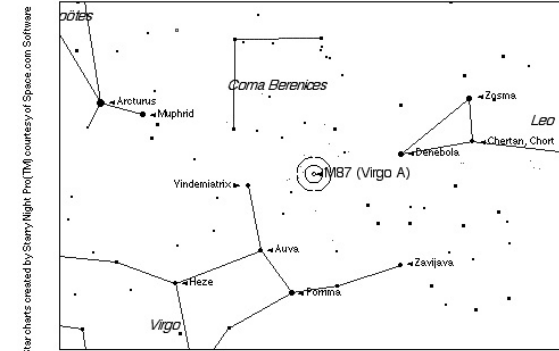
Type **Elliptical Galaxy** Magnitude **11.0**
 Name (if any) **Virgo A**
 Constellation **Virgo**
 Marathon Order # **55**



RA 12h 30.9m Dec 12 24 Size 7.0
 Sky Atlas 2000 page 19 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




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

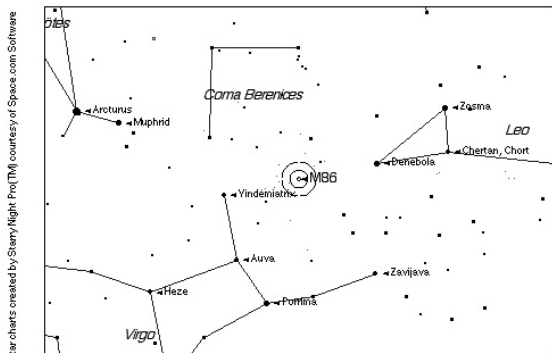
Viewing Time Comments Observing Site

Equipment

Sky Conditions Transparency Seeing

Session Notes

Observing Notes




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

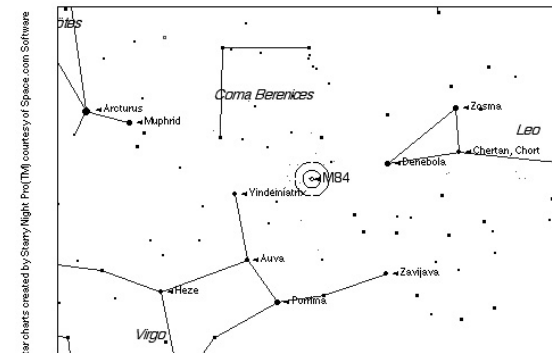
Viewing Time Comments Observing Site

Equipment

Sky Conditions Transparency Seeing

Session Notes


Observing Notes



The Ultimate Messier Object Log

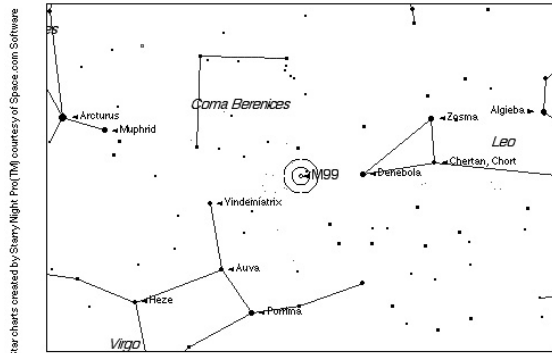
Messier # M099

NGC 4254 Seen?
Date seen

Type	Spiral Galaxy	Magnitude	10.5	
Name (if any)	N/A			
Constellation	Coma Berenices			
Marathon Order #	50			
RA	12h 18.9m	Dec	14 26	Size 5.4x4.8
Sky Atlas 2000 page	7	Other Chart Page(s)	(Enter page # from your favorite chart here.)	
Binocular Difficulty	T2	E=easy, T=tough, C=challenging / 7x50. E2=easy, T2=tough, C2=challenging / 11x80.		

Personal Viewing Notes


Viewing Time _____ Observing Site _____
 Equipment _____
 Sky Conditions Transparency Seeing
 Session Notes _____
 Observing Notes _____



The Ultimate Messier Object Log

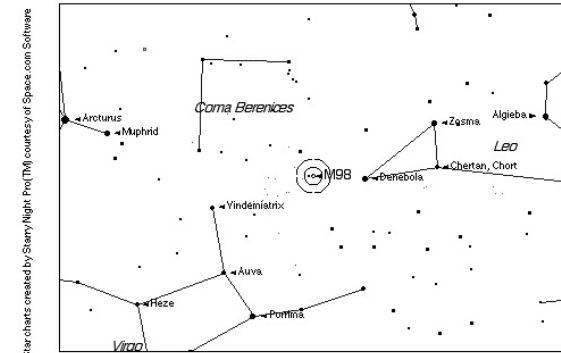
Messier # M098

NGC 4192 Seen?
Date seen

Type	Spiral Galaxy	Magnitude	11.0	
Name (if any)	N/A			
Constellation	Coma Berenices			
Marathon Order #	49			
RA	12h 13.9m	Dec	14 55	Size 9.5x3.2
Sky Atlas 2000 page	7	Other Chart Page(s)	(Enter page # from your favorite chart here.)	
Binocular Difficulty	C2	E=easy, T=tough, C=challenging / 7x50. E2=easy, T2=tough, C2=challenging / 11x80.		

Personal Viewing Notes

Viewing Time _____ Observing Site _____
 Equipment _____
 Sky Conditions Transparency Seeing
 Session Notes _____
 Observing Notes _____



The Ultimate Messier Object Log

Messier # M100

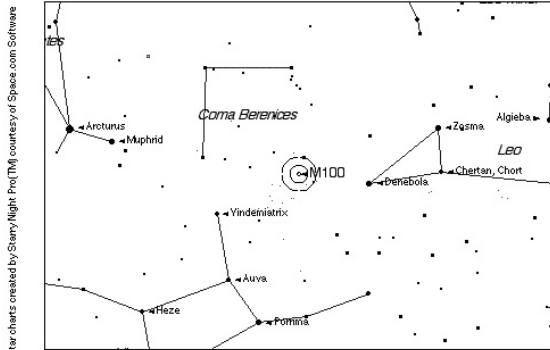
NGC 4321 Seen?
Date seen

Type	Spiral Galaxy	Magnitude	10.5
Name (if any)	N/A		
Constellation	Coma Berenices		
Marathon Order #	51		
RA	12h 23.0m	Dec	15 50
Size	7.0x6.0		
Sky Atlas 2000 page	7	Other Chart Page(s)	(Enter page # from your favorite chart here.)
Binocular Difficulty	C	E=easy, T=tough, C=challenging / 7x50.	
		E2=easy, T2=tough, C2=challenging / 11x80.	



Personal Viewing Notes

Viewing Time _____ Observing Site _____
 Equipment _____
 Sky Conditions Transparency Seeing
 Session Notes _____
 Observing Notes _____



The Ultimate Messier Object Log

Messier # M049

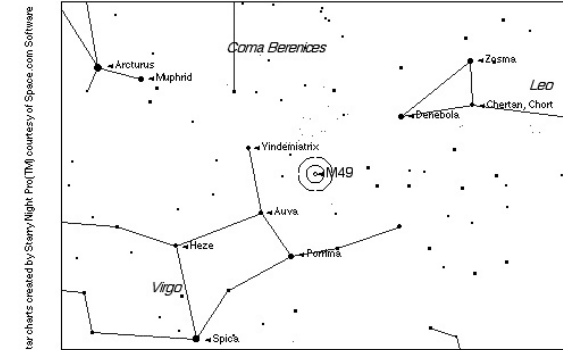
NGC 4472 Seen?
Date seen

Type	Elliptical Galaxy	Magnitude	10.0
Name (if any)	N/A		
Constellation	Virgo		
Marathon Order #	63		
RA	12h 29.8m	Dec	8 1
Size	9.0x7.5		
Sky Atlas 2000 page	13	Other Chart Page(s)	(Enter page # from your favorite chart here.)
Binocular Difficulty	T	E=easy, T=tough, C=challenging / 7x50.	
		E2=easy, T2=tough, C2=challenging / 11x80.	



Personal Viewing Notes

Viewing Time _____ Observing Site _____
 Equipment _____
 Sky Conditions Transparency Seeing
 Session Notes _____
 Observing Notes _____




The Ultimate Messier Object Log

Messier # M061

NGC 4303 Seen?

Date seen

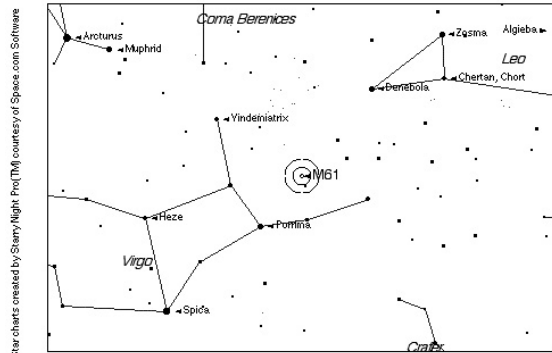
Type **Spiral Galaxy** Magnitude **10.5**
 Name (if any) **N/A**
 Constellation **Virgo**
 Marathon Order # **64**



RA 12h 22.0m Dec 4 29 Size 6.0x5.5
 Sky Atlas 2000 page 13 Other Chart Page(s) (Enter page # from your favorite chart here.)
 Binocular Difficulty E2 E=easy, T=tough, C=challenging / 7x50.
 E2=easy, T2=tough, C2=challenging / 11x80.

Personal Viewing Notes

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




The Ultimate Messier Object Log

Messier # M068

NGC 4590 Seen?

Date seen

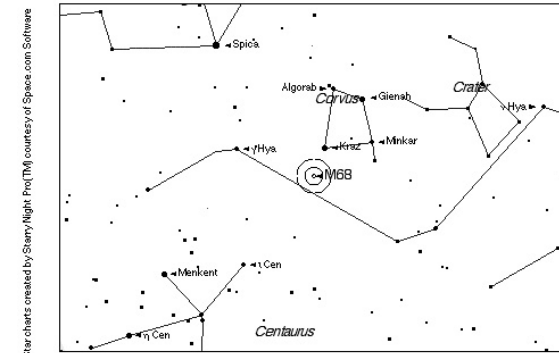
Type **Globular Cluster** Magnitude **9.0**
 Name (if any) **N/A**
 Constellation **Hydra**
 Marathon Order # **66**



RA 12h 39.5m Dec -26 45 Size 12.0
 Sky Atlas 2000 page 21 Other Chart Page(s) (Enter page # from your favorite chart here.)
 Binocular Difficulty C E=easy, T=tough, C=challenging / 7x50.
 E2=easy, T2=tough, C2=challenging / 11x80.

Personal Viewing Notes

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




The Ultimate Messier Object Log

Messier # M083

NGC 5236 Seen?

Date seen

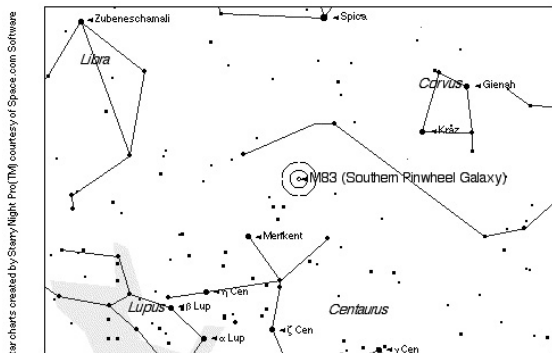
Type **Spiral Galaxy** Magnitude **8.5**
 Name (if any) **Small Pinwheel Galaxy**
 Constellation **Hydra**
 Marathon Order # **67**



RA 13h 37.1m Dec -29 52 Size 11.0x10.0
 Sky Atlas 2000 page 21 Other Chart Page(s) (Enter page # from your favorite chart here.)
 Binocular Difficulty T E=easy, T=tough, C=challenging / 7x50
 E2=easy, T2=tough, C2=challenging / 11x80.

Personal Viewing Notes

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




The Ultimate Messier Object Log

Messier # M013

NGC 6205 Seen?

Date seen

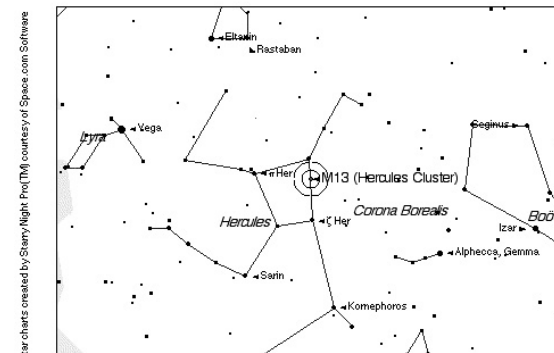
Type **Globular Cluster** Magnitude **5.9**
 Name (if any) **N/A**
 Constellation **Hercules**
 Marathon Order # **69**



RA 16h 41.7m Dec 36 28 Size 16.6
 Sky Atlas 2000 page 8 Other Chart Page(s) (Enter page # from your favorite chart here.)
 Binocular Difficulty E E=easy, T=tough, C=challenging / 7x50
 E2=easy, T2=tough, C2=challenging / 11x80.

Personal Viewing Notes

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



The Ultimate Messier Object Log

Messier # M092

NGC 6341 Seen?
Date seen

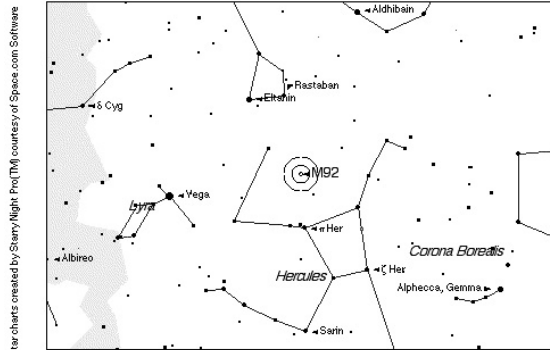
Type Globular Cluster
Name (if any) N/A
Constellation Hercules
Marathon Order # 70
Magnitude 7.5



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



The Ultimate Messier Object Log

Messier # M005

NGC 5904 Seen?
Date seen

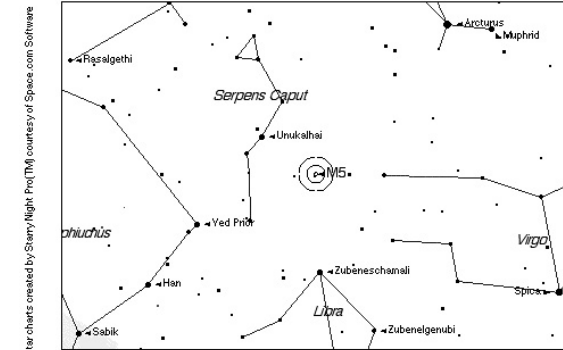
Type Globular Cluster
Name (if any) N/A
Constellation Serpens Caput
Marathon Order # 68
Magnitude 5.8



RA 15h 18.6m Dec 2 5 Size 17.4
Sky Atlas 2000 page 4 Other Chart Page(s) (Enter page # from your favorite chart here.)
Binocular Difficulty E E=easy, T=tough, C=challenging / 7x50
E2=easy, T2=tough, C2=challenging / 11x80.

Personal Viewing Notes


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



The Ultimate Messier Object Log

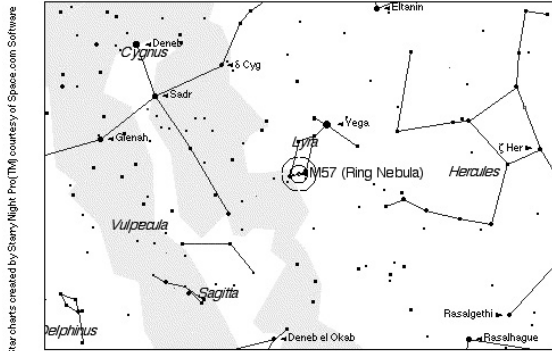
Messier # M057

NGC 6720 Seen?
 Date seen

Type Planetary Nebula Magnitude 9.5
 Name (if any) Ring Nebula 
 Constellation Lyra
 Marathon Order # 71
 RA 18h 53.6m Dec 33 2 Size 1.4x1.0
 Sky Atlas 2000 page 8 Other Chart Page(s) (Enter page # from your favorite chart here.)
 Binocular Difficulty ? E=easy, T=tough, C=challenging / 7x50.
 E2=easy, T2=tough, C2=challenging / 11x80.

Personal Viewing Notes


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



The Ultimate Messier Object Log

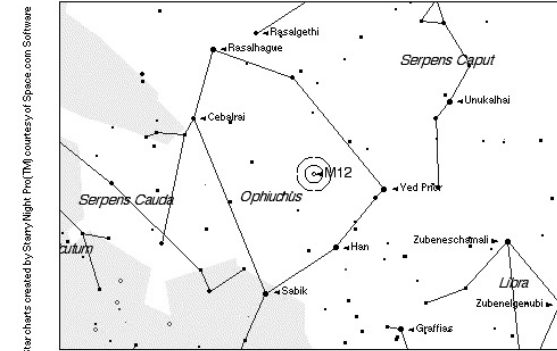
Messier # M012

NGC 6218 Seen?
 Date seen

Type Globular Cluster Magnitude 6.6
 Name (if any) N/A 
 Constellation Ophiuchus
 Marathon Order # 78
 RA 16h 47.2m Dec -1 57 Size 14.5
 Sky Atlas 2000 page 15 Other Chart Page(s) (Enter page # from your favorite chart here.)
 Binocular Difficulty E E=easy, T=tough, C=challenging / 7x50.
 E2=easy, T2=tough, C2=challenging / 11x80.

Personal Viewing Notes

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



The Ultimate Messier Object Log

Messier # M010

NGC 6254 Seen? Date seen

Type Globular Cluster Magnitude 6.6
 Name (if any) N/A
 Constellation Ophiucus
 Marathon Order # 79

RA 16h 57.1m Dec -4 6 Size 15.1

Sky Atlas 2000 page 15 Other Chart Page(s) (Enter page # from your favorite chart here.)
 Binocular Difficulty E E=easy, T=tough, C=challenging / 7x50.
 E2=easy, T2=tough, C2=challenging / 11x80.



Personal Viewing Notes

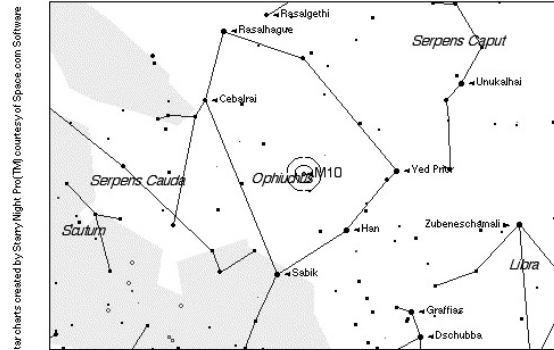
Viewing Time Comments Observing Site

Equipment

Sky Conditions Transparency Seeing

Session Notes

Observing Notes



The Ultimate Messier Object Log

Messier # M107

NGC 6171 Seen? Date seen

Type Globular Cluster Magnitude 10.0
 Name (if any) N/A
 Constellation Ophiucus
 Marathon Order # 77

RA 16h 32.5m Dec -13 3 Size 10.0

Sky Atlas 2000 page 15 Other Chart Page(s) (Enter page # from your favorite chart here.)
 Binocular Difficulty T2 E=easy, T=tough, C=challenging / 7x50.
 E2=easy, T2=tough, C2=challenging / 11x80.



Personal Viewing Notes

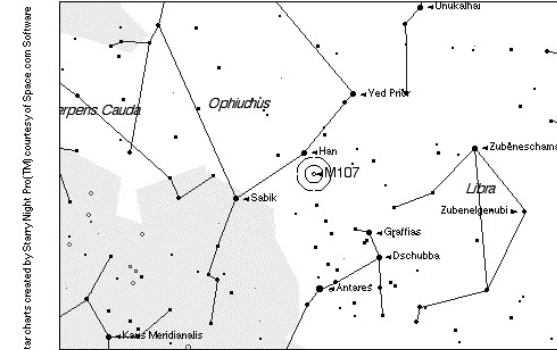
Viewing Time Comments Observing Site

Equipment

Sky Conditions Transparency Seeing

Session Notes


Observing Notes



The Ultimate Messier Object Log

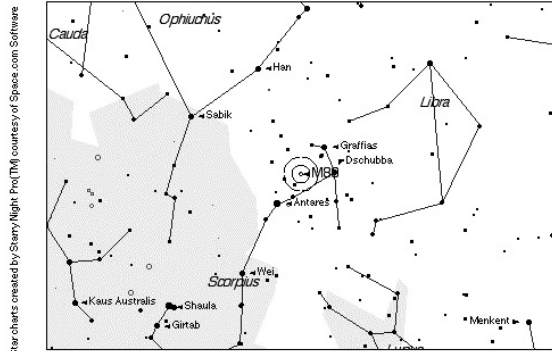
Messier # M080

NGC 6093 *Seen?*
Date seen

Type Globular Cluster Magnitude 8.5 
 Name (if any) N/A
 Constellation Scorpius
 Marathon Order # 83
 RA 16h 17.0m Dec -22 59 Size 8.9
 Sky Atlas 2000 page 22 Other Chart Page(s) (Enter page # from your favorite chart here.)
 Binocular Difficulty T E=easy, T=tough, C=challenging / 7x50.
 E2=easy, T2=tough, C2=challenging / 11x80.

Personal Viewing Notes


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



The Ultimate Messier Object Log

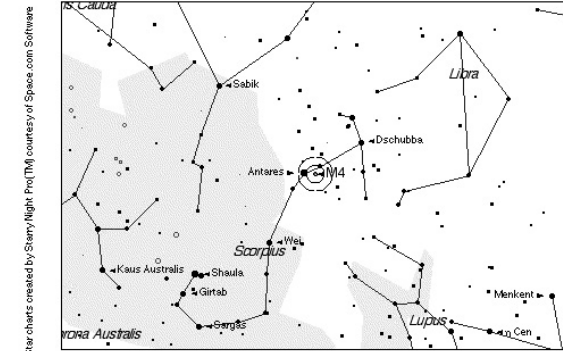
Messier # M004

NGC 6121 *Seen?*
Date seen

Type Globular Cluster Magnitude 5.9 
 Name (if any) N/A
 Constellation Scorpio
 Marathon Order # 82
 RA 16h 23.6m Dec -26 32 Size 26.3
 Sky Atlas 2000 page 22 Other Chart Page(s) (Enter page # from your favorite chart here.)
 Binocular Difficulty E E=easy, T=tough, C=challenging / 7x50.
 E2=easy, T2=tough, C2=challenging / 11x80.

Personal Viewing Notes

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



The Ultimate Messier Object Log

Messier # M056

NGC 6779 Seen?

Date seen

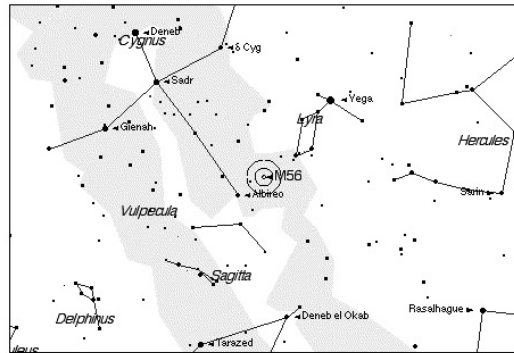
Type Globular Cluster
 Name (if any) N/A
 Constellation Lyra
 Marathon Order # 72
 Magnitude 9.5
 RA 19h 16.6m Dec 30 11 Size 7.1
 Sky Atlas 2000 page 8 Other Chart Page(s) (Enter page # from your favorite chart here.)
 Binocular Difficulty C E=easy, T=tough, C=challenging / 7x50.
 E2=easy, T2=tough, C2=challenging / 11x80.



Personal Viewing Notes

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

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



The Ultimate Messier Object Log

Messier # M029

NGC 6913 Seen?

Date seen

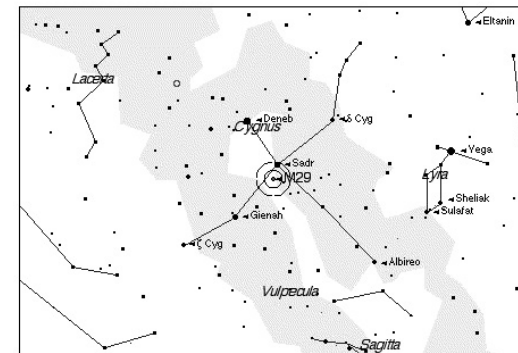
Type Open Cluster
 Name (if any) N/A
 Constellation Cygnus
 Marathon Order # 73
 Magnitude 9.0
 RA 20h 23.9m Dec 38 32 Size 7.0
 Sky Atlas 2000 page 8 Other Chart Page(s) (Enter page # from your favorite chart here.)
 Binocular Difficulty E E=easy, T=tough, C=challenging / 7x50.
 E2=easy, T2=tough, C2=challenging / 11x80.



Personal Viewing Notes

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

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




The Ultimate Messier Object Log

Messier # M014

NGC 6402 Seen?
Date seen

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

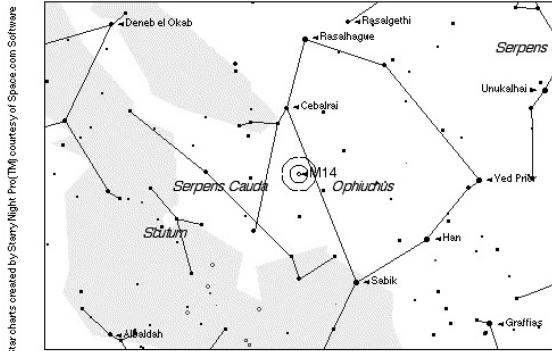
Magnitude 7.6 

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.)
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




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

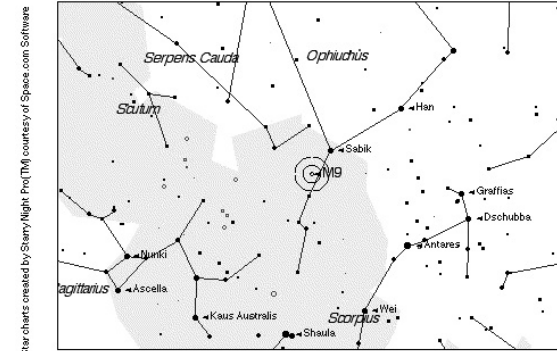
Magnitude 7.9 

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



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

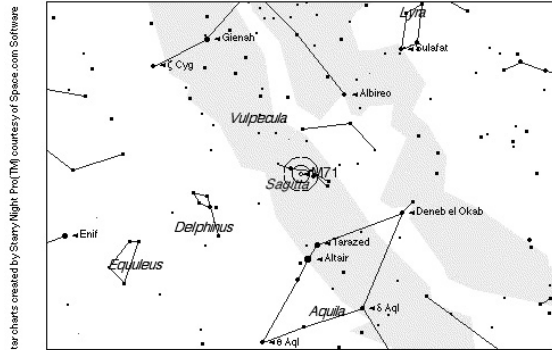
RA 19h 53.8m Dec 18 47 Size 7.2 Magnitude 8.5

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



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

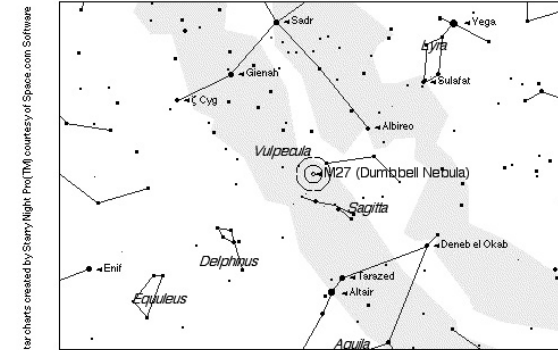
RA 19h 59.6m Dec 22 43 Size 8.0x5.6 Magnitude 7.5

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



The Ultimate Messier Object Log

Messier # M062 NGC 6266 *Seen?* *Date seen*

Type Globular Cluster *Magnitude* 8.0 

Name (if any) N/A

Constellation Ophiucus

Marathon Order # 85

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

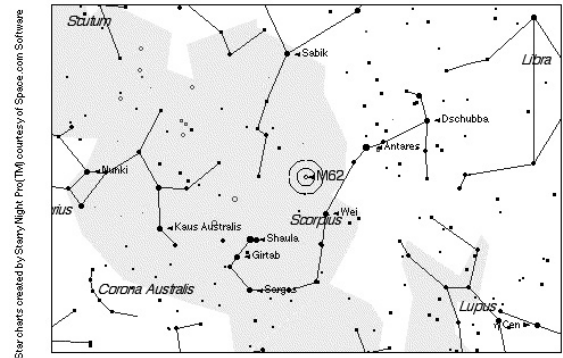
Viewing Time *Comments* *Observing Site*

Equipment

Sky Conditions *Transparency* *Seeing*


Session Notes

Observing Notes



The Ultimate Messier Object Log

Messier # M019 NGC 6273 *Seen?* *Date seen*

Type Globular Cluster *Magnitude* 8.5 

Name (if any) N/A

Constellation Ophiucus

Marathon Order # 84

RA 17h 2.6m *Dec* -26 16 *Size* 13.5

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

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

Personal Viewing Notes

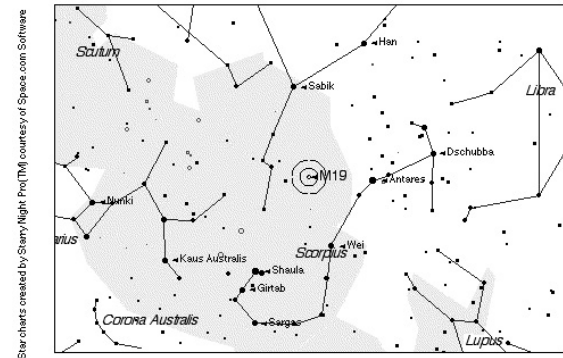
Viewing Time *Comments* *Observing Site*

Equipment

Sky Conditions *Transparency* *Seeing*

Session Notes

Observing Notes




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

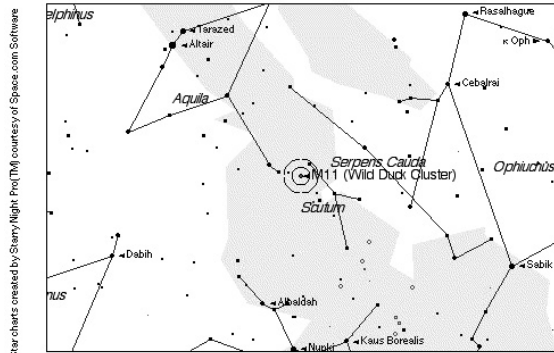
Magnitude 5.8 

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




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

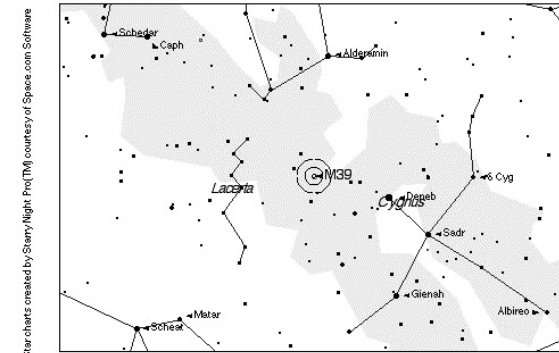
Magnitude 5.5 

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



The Ultimate Messier Object Log

Messier # M026

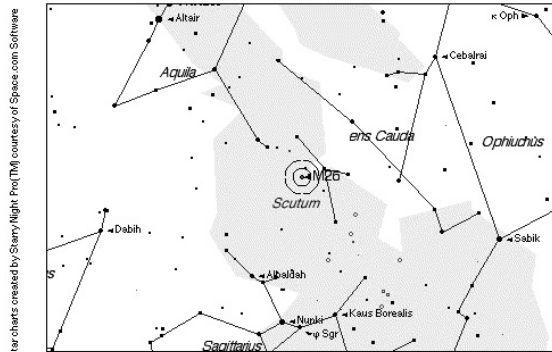
NGC 6694 Seen?
Date seen

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



The Ultimate Messier Object Log

Messier # M016

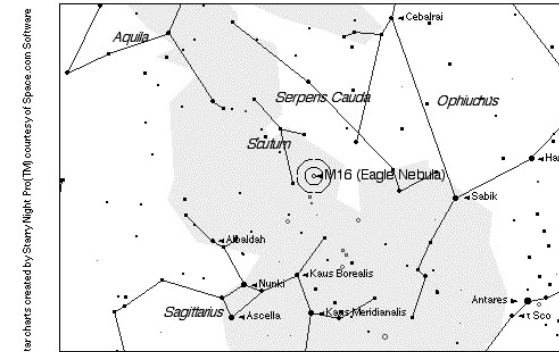
NGC 6611 Seen?
Date seen

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



The Ultimate Messier Object Log

Messier # M017

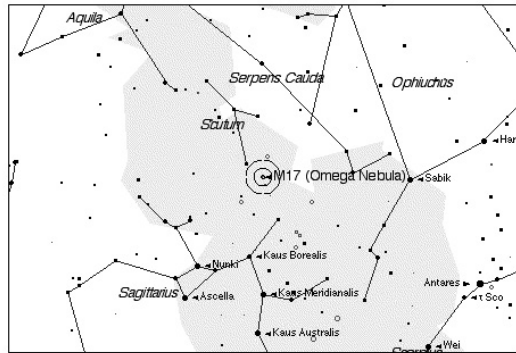
NGC 6618 Seen?
Date seen

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



The Ultimate Messier Object Log

Messier # M018

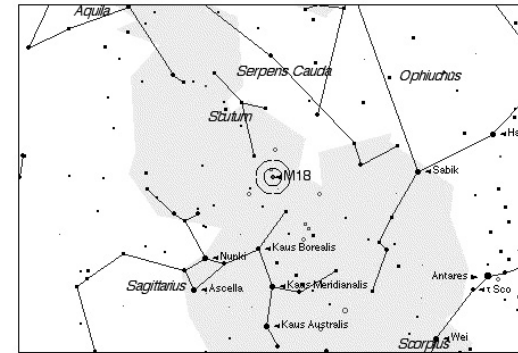
NGC 6613 Seen?
Date seen

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




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

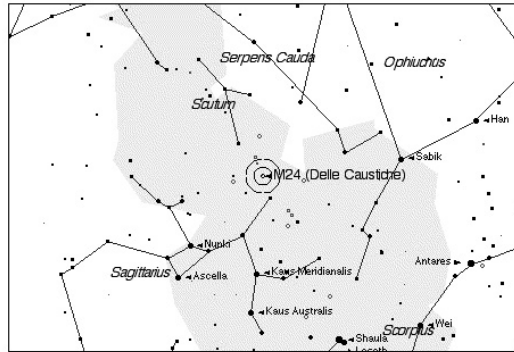
Magnitude 11.5 

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




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

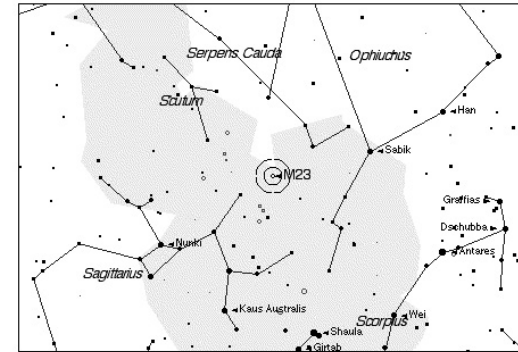
Magnitude 6.0 

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



The Ultimate Messier Object Log

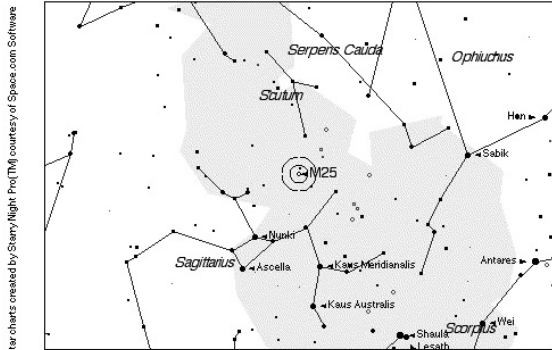
Messier # M025

NGC 1C4725 *Seen?*
Date seen

<i>Type</i>	Open Cluster	<i>Magnitude</i>	4.9
<i>Name (if any)</i>	N/A		
<i>Constellation</i>	Sagittarius		
<i>Marathon Order #</i>	94		
<i>RA</i>	18h 28.8m	<i>Dec</i>	-19 17
<i>Size</i>	40.0		
<i>Sky Atlas 2000 page</i>	15	<i>Other Chart Page(s)</i>	(Enter page # from your favorite chart here.)
<i>Binocular Difficulty</i>	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



The Ultimate Messier Object Log

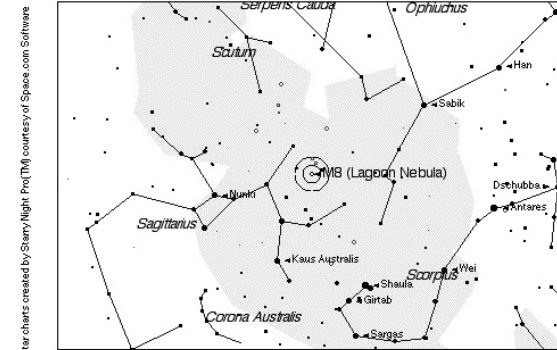
Messier # M008

NGC 6523 *Seen?*
Date seen

<i>Type</i>	Diffuse Nebula	<i>Magnitude</i>	5.0
<i>Name (if any)</i>	Lagoon Nebula		
<i>Constellation</i>	Sagittarius		
<i>Marathon Order #</i>	98		
<i>RA</i>	18h 3.1m	<i>Dec</i>	-24 23
<i>Size</i>	35.0x50.0		
<i>Sky Atlas 2000 page</i>	22	<i>Other Chart Page(s)</i>	(Enter page # from your favorite chart here.)
<i>Binocular Difficulty</i>	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



The Ultimate Messier Object Log

Messier # M020

NGC 6514 Seen?
Date seen

Type	Diffuse Nebula	Magnitude	5.0
Name (if any)	Trifid Nebula		
Constellation	Sagittarius		
Marathon Order #	97		
RA	18h 2.3m	Dec	-23 2
Size	28.0		
Sky Atlas 2000 page	22	Other Chart Page(s)	(Enter page # from your favorite chart here.)
Binocular Difficulty	C2	E=easy, T=tough, C=challenging / 7x50.	
		E2=easy, T2=tough, C2=challenging / 11x80.	



Personal Viewing Notes

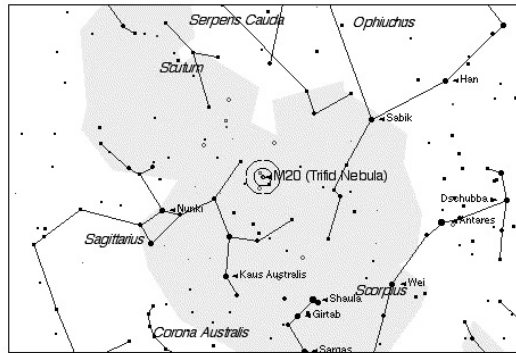
Viewing Time Comments Observing Site

Equipment

Sky Conditions Transparency Seeing

Session Notes

Observing Notes



The Ultimate Messier Object Log

Messier # M021

NGC 6531 Seen?
Date seen

Type	Open Cluster	Magnitude	7.0
Name (if any)	N/A		
Constellation	Sagittarius		
Marathon Order #	96		
RA	18h 4.6m	Dec	-22 30
Size	13.0		
Sky Atlas 2000 page	22	Other Chart Page(s)	(Enter page # from your favorite chart here.)
Binocular Difficulty	?	E=easy, T=tough, C=challenging / 7x50.	
		E2=easy, T2=tough, C2=challenging / 11x80.	



Personal Viewing Notes

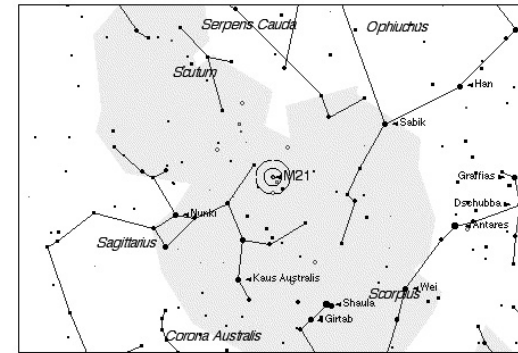
Viewing Time Comments Observing Site

Equipment

Sky Conditions Transparency Seeing

Session Notes


Observing Notes



The Ultimate Messier Object Log

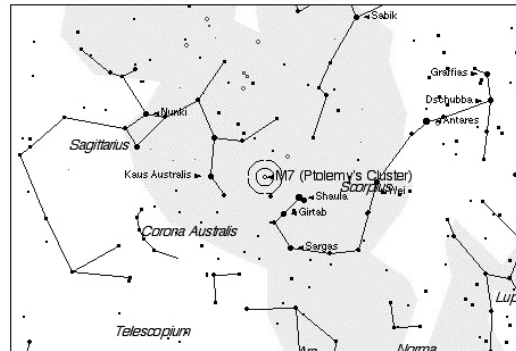
Messier # M007

NGC 6475 Seen?
 Date seen

Type Open Cluster
 Name (if any) Ptolemy's Cluster Magnitude 3.3 
 Constellation Scorpius
 Marathon Order # 87
 RA 17h 53.9m Dec -34 49 Size 80.0
 Sky Atlas 2000 page 22 Other Chart Page(s) (Enter page # from your favorite chart here.)
 Binocular Difficulty E E=easy, T=tough, C=challenging / 7x50.
 E2=easy, T2=tough, C2=challenging / 11x80.

Personal Viewing Notes

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


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

The Ultimate Messier Object Log

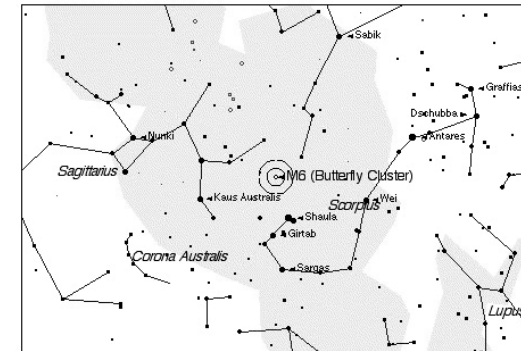
Messier # M006

NGC 6405 Seen?
 Date seen

Type Open Cluster
 Name (if any) Butterfly Cluster Magnitude 4.2 
 Constellation Scorpius
 Marathon Order # 86
 RA 17h 40.1m Dec -32 13 Size 15.0
 Sky Atlas 2000 page 22 Other Chart Page(s) (Enter page # from your favorite chart here.)
 Binocular Difficulty E E=easy, T=tough, C=challenging / 7x50.
 E2=easy, T2=tough, C2=challenging / 11x80.

Personal Viewing Notes

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



Star charts created by Sharry/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

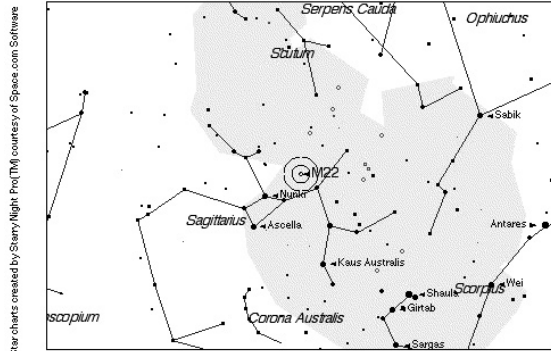
Viewing Time Comments Observing Site

Equipment

Sky Conditions Transparency Seeing

Session Notes

Observing Notes



Star charts created by Sherry Night Pro(™) 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

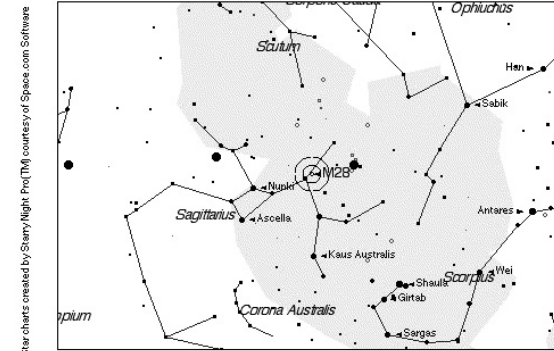
Viewing Time Comments Observing Site

Equipment

Sky Conditions Transparency Seeing

Session Notes

Observing Notes



Star charts created by Sherry Night Pro(™) 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

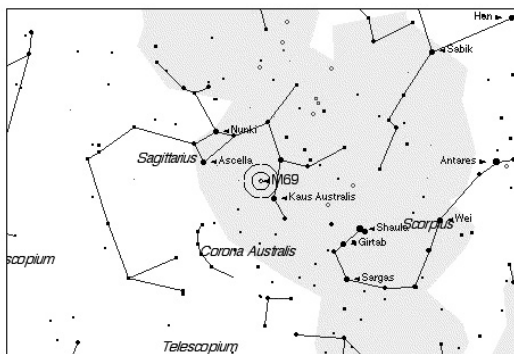
Equipment

Sky Conditions Transparency Seeing

Session Notes

Observing Notes

Star charts created by StaryNight 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

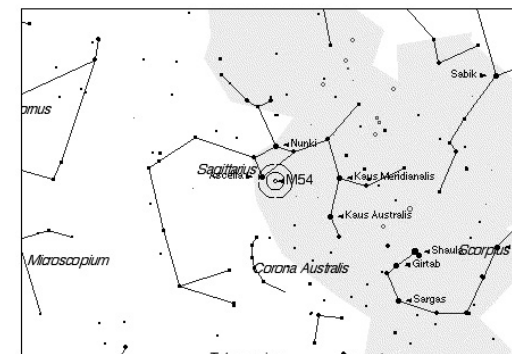
Equipment

Sky Conditions Transparency Seeing

Session Notes

Observing Notes

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



The Ultimate Messier Object Log

Messier # M015

NGC 7078 Seen?
 Date seen

Type Globular Cluster Magnitude 6.4
 Name (if any) N/A
 Constellation Pegasus
 Marathon Order # 106

RA 21h 30m Dec 12 10 Size 12.3

Sky Atlas 2000 page 16 Other Chart Page(s) (Enter page # from your favorite chart here.)
 Binocular Difficulty E E=easy, T=tough, C=challenging / 7x50.
 E2=easy, T2=tough, C2=challenging / 11x80.



Personal Viewing Notes

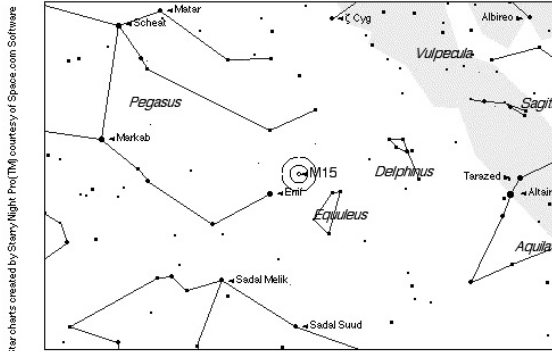
Viewing Time Comments Observing Site

Equipment

Sky Conditions Transparency Seeing

Session Notes

Observing Notes



The Ultimate Messier Object Log

Messier # M070

NGC 6681 Seen?
 Date seen

Type Globular Cluster Magnitude 9.0
 Name (if any) N/A
 Constellation Sagittarius
 Marathon Order # 102

RA 18h 43.2m Dec -32 18 Size 7.8

Sky Atlas 2000 page 22 Other Chart Page(s) (Enter page # from your favorite chart here.)
 Binocular Difficulty T2 E=easy, T=tough, C=challenging / 7x50.
 E2=easy, T2=tough, C2=challenging / 11x80.



Personal Viewing Notes

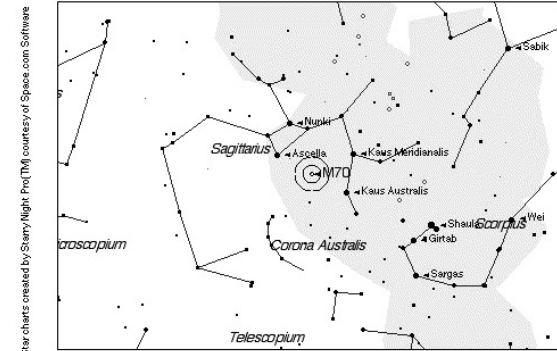
Viewing Time Comments Observing Site

Equipment

Sky Conditions Transparency Seeing

Session Notes

Observing Notes



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

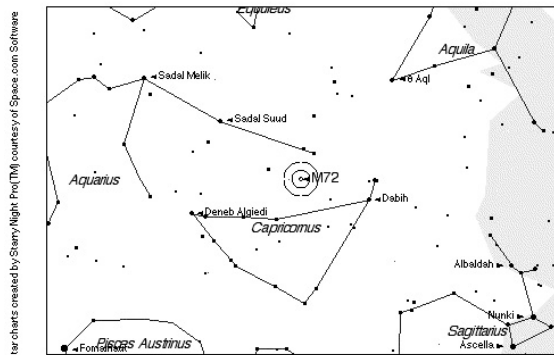
Viewing Time Comments Observing Site

Equipment

Sky Conditions Transparency Seeing

Session Notes

Observing Notes



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

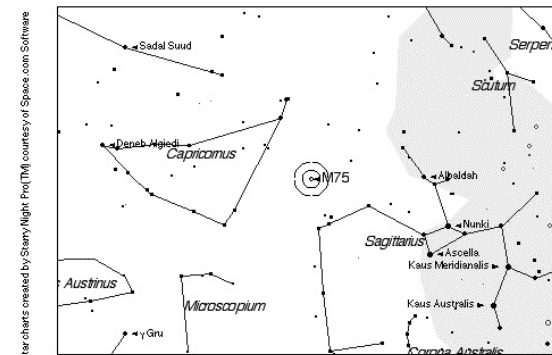
Viewing Time Comments Observing Site

Equipment

Sky Conditions Transparency Seeing

Session Notes


Observing Notes



The Ultimate Messier Object Log

Messier # M073

NGC 6994 Seen?
Date seen

Type	Group/Asterism	Magnitude	
Name (if any)	N/A	9.0	
Constellation	Aquarius		
Marathon Order #	109		
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

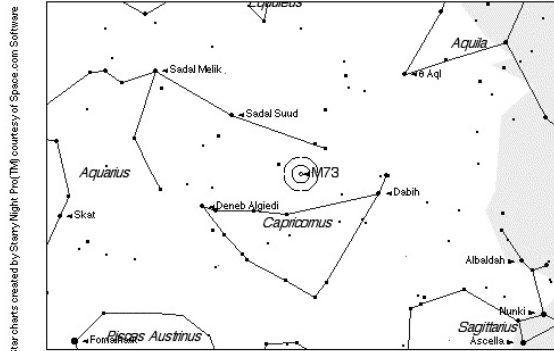
Viewing Time Comments Observing Site

Equipment

Sky Conditions Transparency Seeing

Session Notes


Observing Notes



The Ultimate Messier Object Log

Messier # M002

NGC 7089 Seen?
Date seen

Type	Globular Cluster	Magnitude	
Name (if any)	N/A	6.5	
Constellation	Aquarius		
Marathon Order #	107		
RA	21h 33.5m	Dec	-0 49
Size	12.9		
Sky Atlas 2000 page	16	Other Chart Page(s)	(Enter page # from your favorite chart here.)
Binocular Difficulty	E	E=easy, T=tough, C=challenging / 7x50.	
		E2=easy, T2=tough, C2=challenging / 11x80.	

Personal Viewing Notes

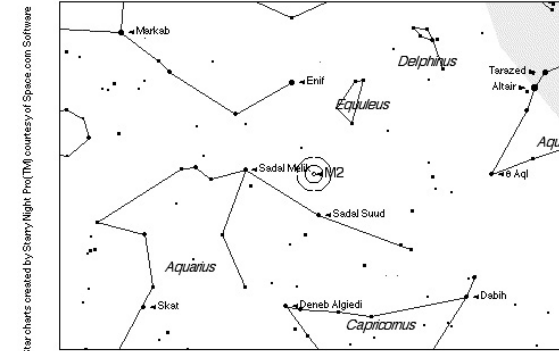
Viewing Time Comments Observing Site

Equipment

Sky Conditions Transparency Seeing

Session Notes

Observing Notes



The Ultimate Messier Object Log

Messier # M055

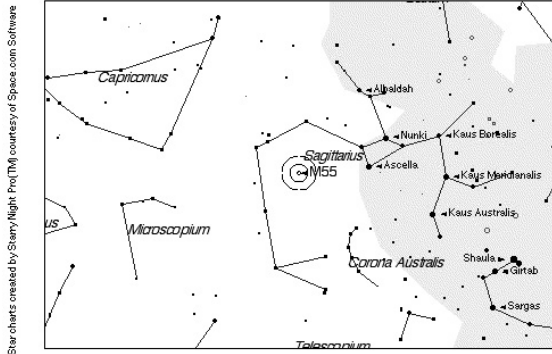
NGC 6809 Seen?
Date seen

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

