

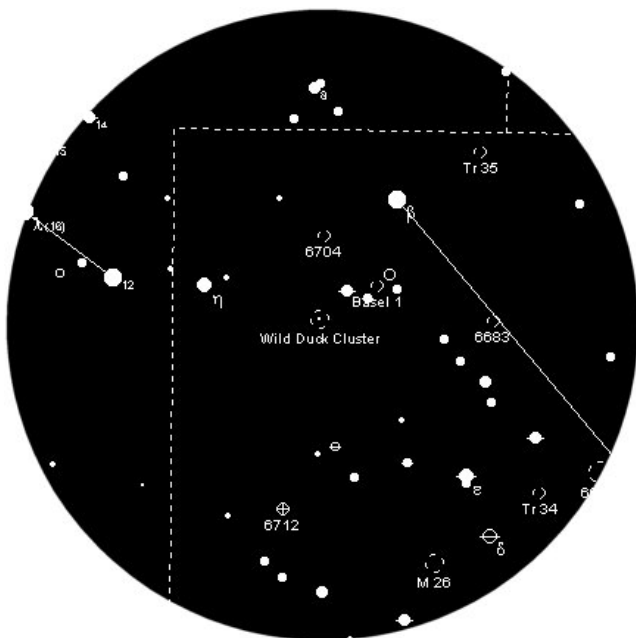
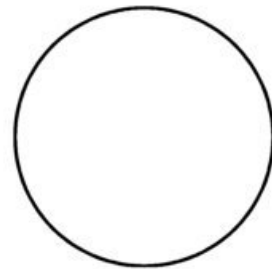
M11 "Wild Duck Cluster"

25° 0.0' x 38° 56.3' Sct Uranometria 295

N  
W 0 1 2 3 4 5 6

- Galaxy
- Plan
- Glx Cl
- Asterism
- Glob
- Unknown
- Open Cl
- Quasar
- Cl+Neb
- Dbl Star
- Brit Neb
- Comet
- Drk Neb
- Drk Neb
- Asteroid

Date \_\_\_\_\_  
 Time \_\_\_\_\_  
 Location \_\_\_\_\_  
 Seeing \_\_\_\_\_  
 Scope \_\_\_\_\_  
 Eyepiece \_\_\_\_\_  
 Notes:



Names and designations

**M 11**  
**NGC 6705**

Type of object: Open cluster

Catalog position for epoch J2000.0

Right ascension: 18h 51m 06.0s

Declination: -6° 16' 00"

Constellation: Scutum

Object information

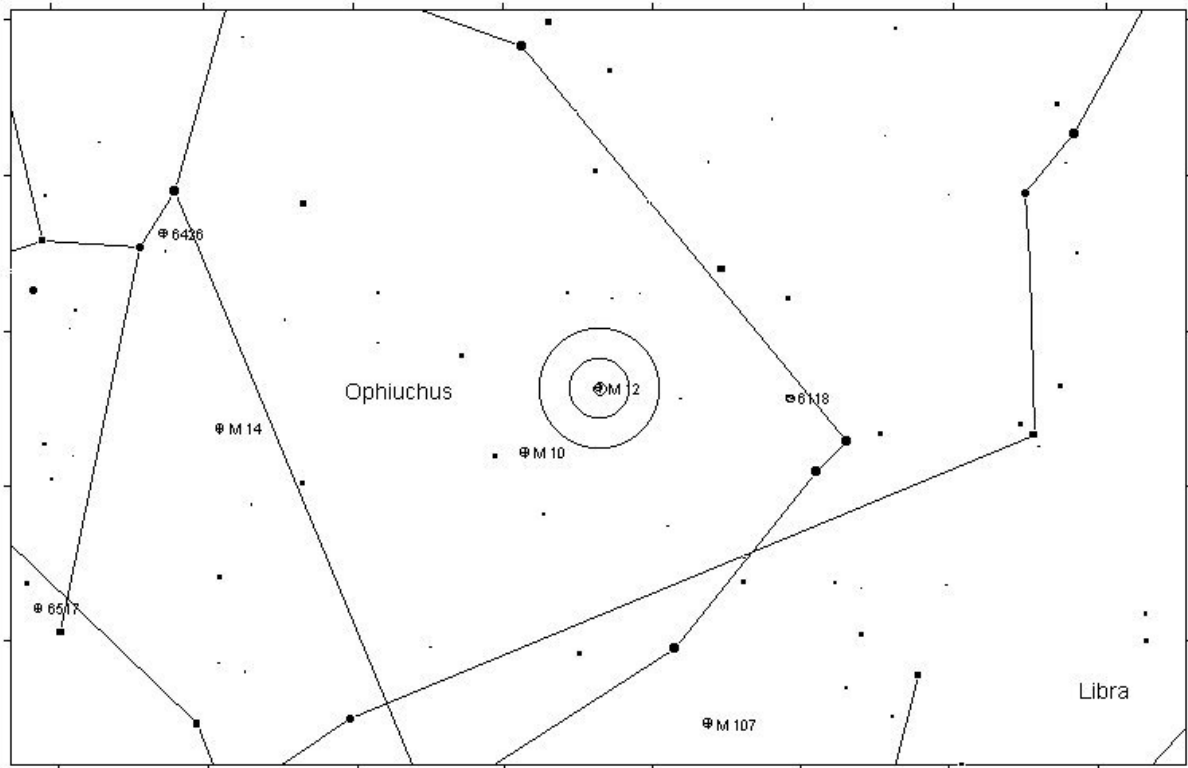
Magnitude: 5.8

Size: 14.0'

Number of stars: 500

Magnitude of brightest star: 8.0

Object classification: I 2 r



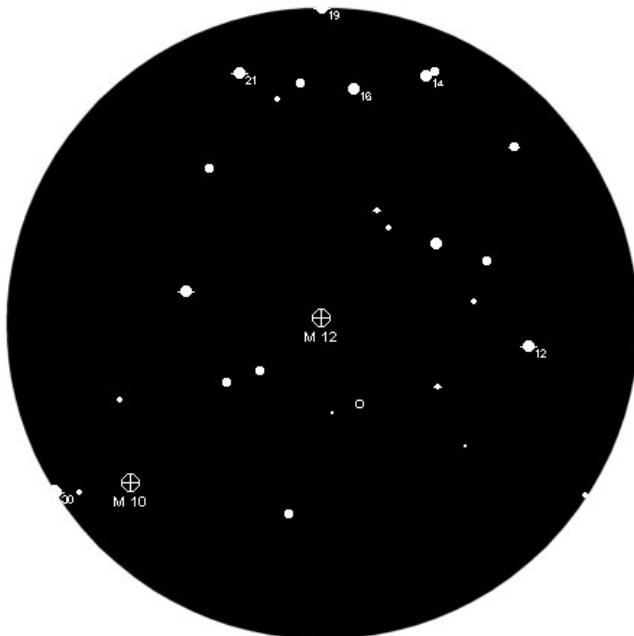
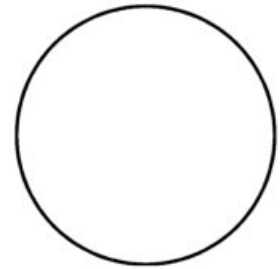
M12

25° 0.0' x 38° 56.3' Oph Uranometria 246

N  
 ↙ ↘  
 W 0 1 2 3 4 5 6

- |        |          |         |         |          |          |          |
|--------|----------|---------|---------|----------|----------|----------|
|        |          |         |         |          |          |          |
| Galaxy | Glxy Cl  | Glob    | Open Cl | Cl+Neb   | Brit Neb | Drk Neb  |
|        |          |         |         |          |          |          |
| Plan   | Asterism | Unknown | Quasar  | Dbl Star | Comet    | Asteroid |

Date \_\_\_\_\_  
 Time \_\_\_\_\_  
 Location \_\_\_\_\_  
 Seeing \_\_\_\_\_  
 Scope \_\_\_\_\_  
 Eyepiece \_\_\_\_\_  
 Notes:



Names and designations

**M 12**  
**NGC 6218**

Type of object: Globular cluster

Catalog position for epoch  
J2000.0

Right ascension: 16h 47m  
 14.5s

Declination: -1° 56' 52"

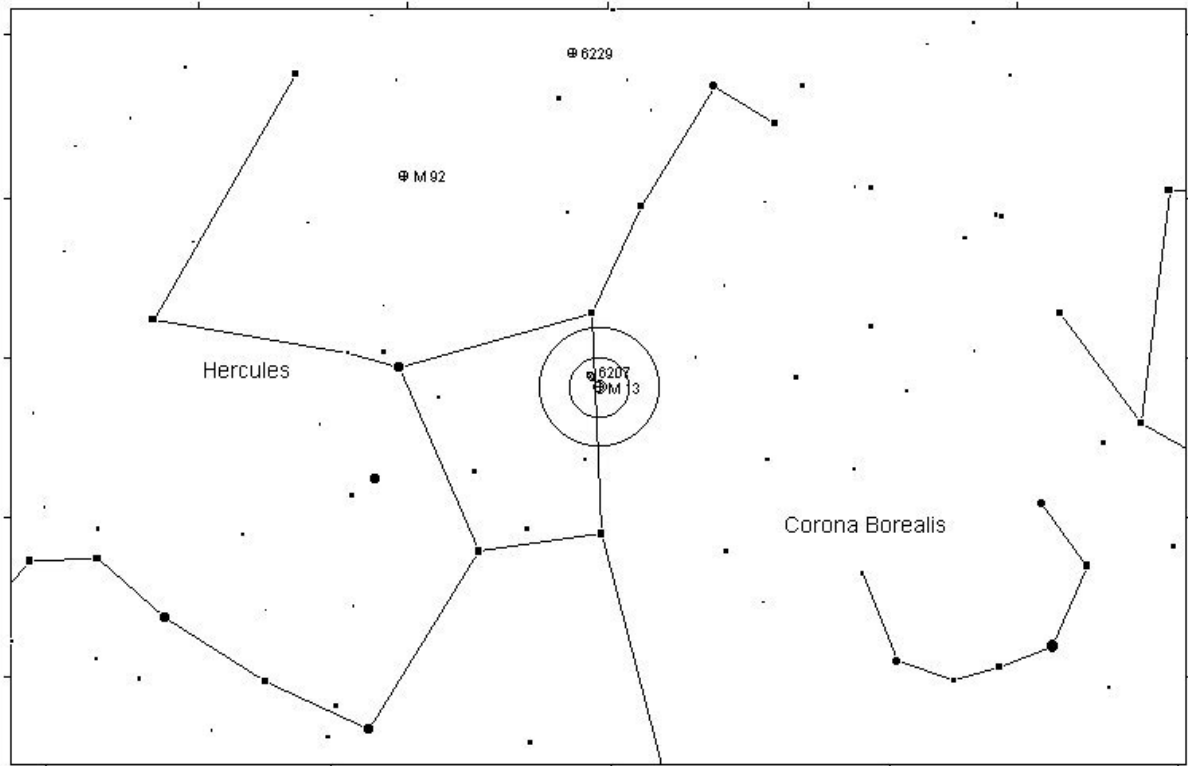
Constellation: Ophiuchus

Object information

Magnitude: 6.6

Size: 14.5'

Object classification: 9



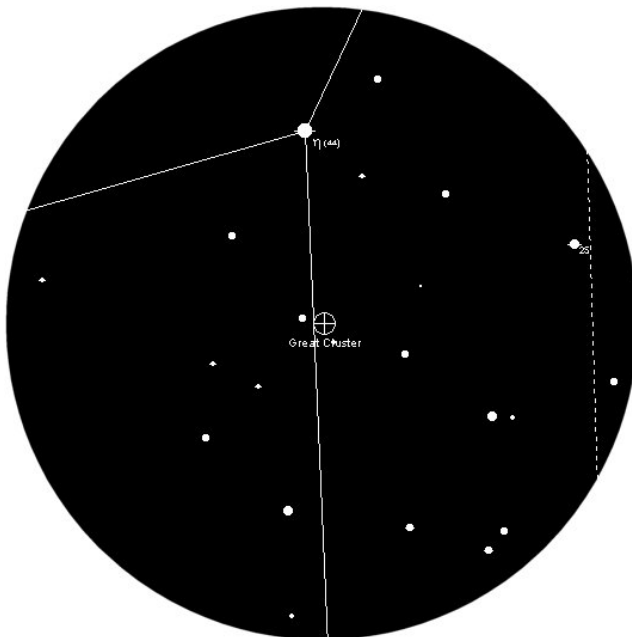
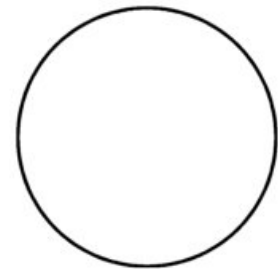
M13

25° 0.0' x 38° 56.3' Her Uranometria 114

N  
 ↗ 0 1 2 3 4 5 6  
 ↘ W

- |        |          |         |         |          |          |          |
|--------|----------|---------|---------|----------|----------|----------|
|        |          |         |         |          |          |          |
| Galaxy | Glxy Cl  | Glob    | Open Cl | Cl+Neb   | Brit Neb | Drk Neb  |
|        |          |         |         |          |          |          |
| Plan   | Asterism | Unknown | Quasar  | Dbl Star | Comet    | Asteroid |

Date \_\_\_\_\_  
 Time \_\_\_\_\_  
 Location \_\_\_\_\_  
 Seeing \_\_\_\_\_  
 Scope \_\_\_\_\_  
 Eyepiece \_\_\_\_\_  
 Notes:



Names and designations

**M 13**  
**NGC 6205**

Type of object: Globular cluster

Catalog position for epoch J2000.0

Right ascension: 16h 41m 41.5s

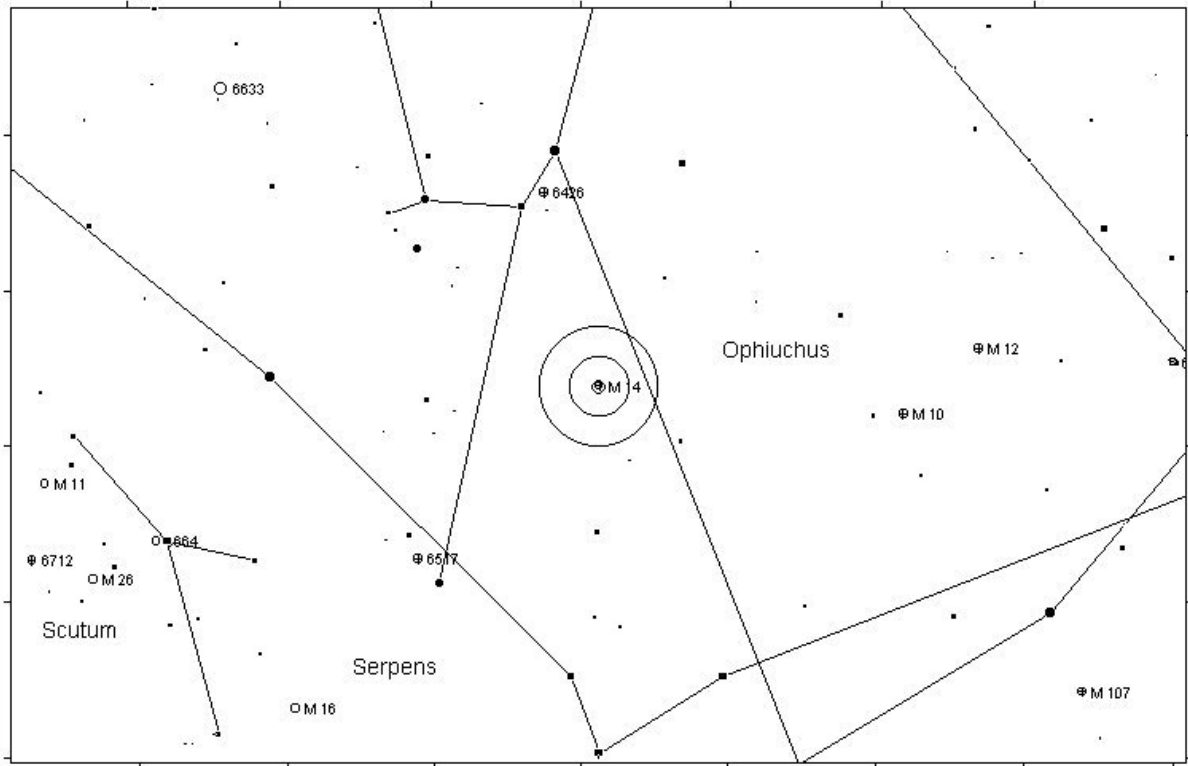
Declination: +36° 27' 37"

Constellation: Hercules

Object information

Magnitude: 5.9

Size: 16.6'



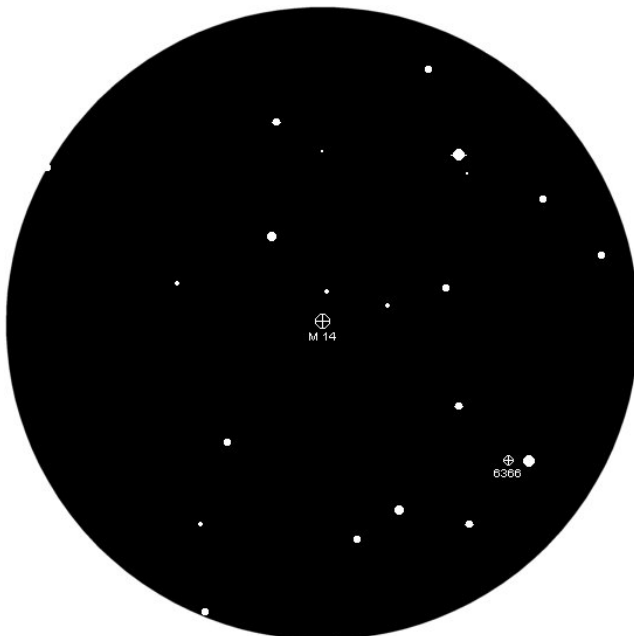
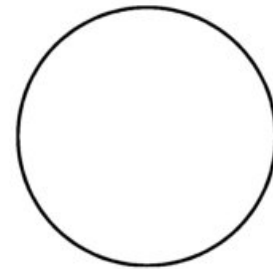
M14

25° 0.0' x 38° 56.3' Oph Uranometria 248

N  
 ↗ W 0 1 2 3 4 5 6

- |        |          |         |         |          |         |          |
|--------|----------|---------|---------|----------|---------|----------|
|        |          |         |         |          |         |          |
| Galaxy | Glxyl Cl | Glob    | Open Cl | Cl+Neb   | Brt Neb | Drk Neb  |
|        |          |         |         |          |         |          |
| Plan   | Asterism | Unknown | Quasar  | Dbl Star | Comet   | Asteroid |

Date \_\_\_\_\_  
 Time \_\_\_\_\_  
 Location \_\_\_\_\_  
 Seeing \_\_\_\_\_  
 Scope \_\_\_\_\_  
 Eyepiece \_\_\_\_\_  
 Notes:



Names and designations

**M 14**  
**NGC 6402**

Type of object: Globular cluster

Catalog position for epoch J2000.0

Right ascension: 17h 37m 36.1s

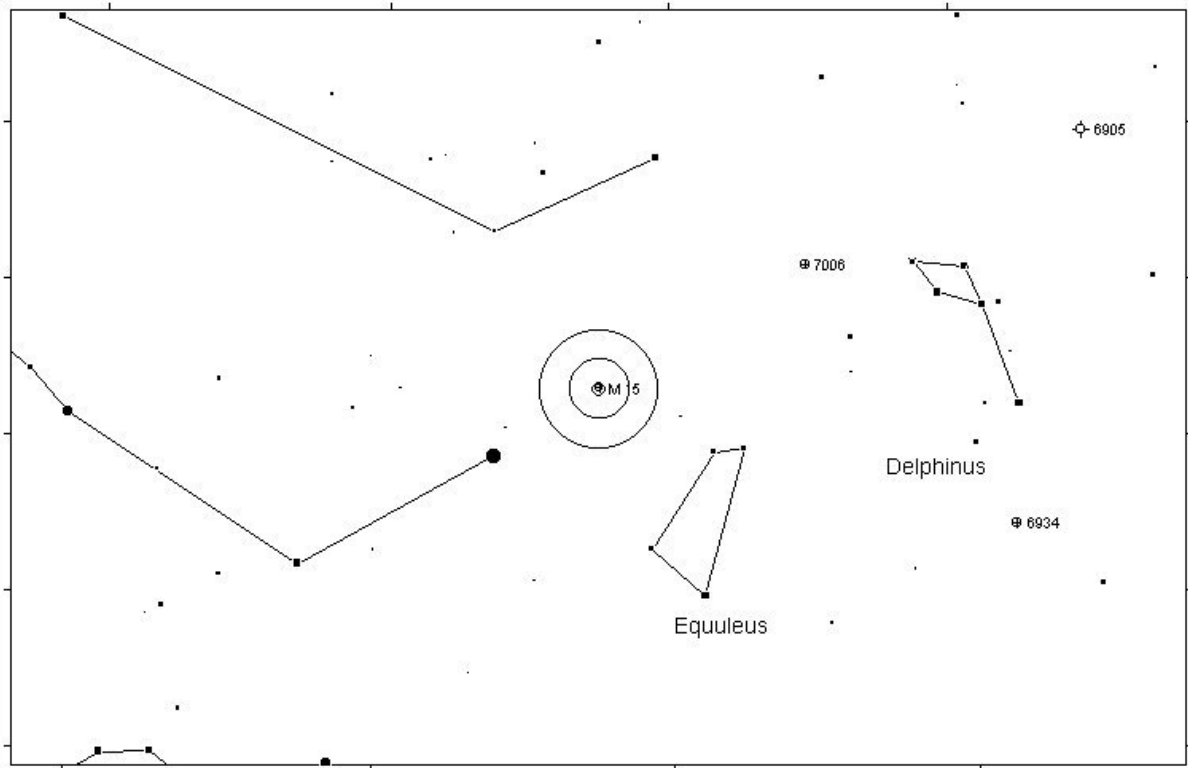
Declination: -3° 14' 45"

Constellation: Ophiuchus

Object information

Magnitude: 7.6

Size: 11.7'



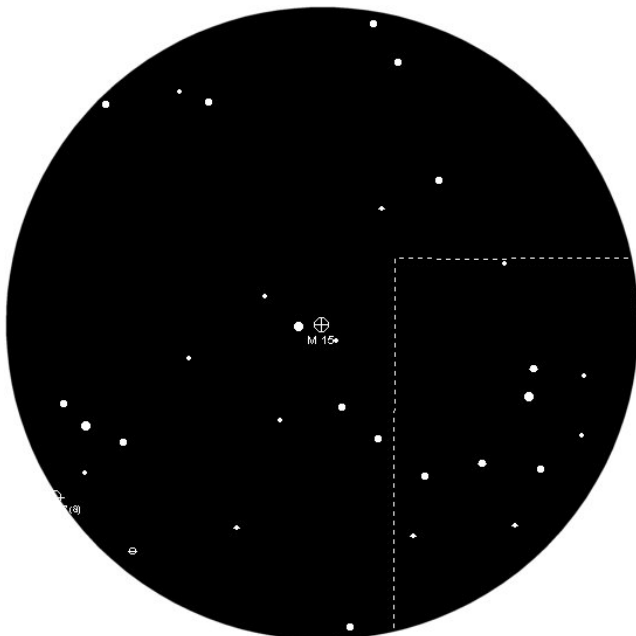
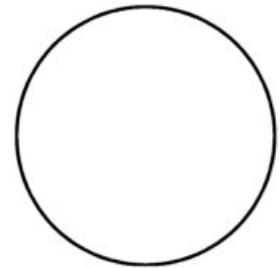
M15

25° 0.0' x 38° 56.3' Peg Uranometria 210

N  
 ↙ ↘  
 W 0 1 2 3 4 5 6

- |        |          |         |         |          |          |          |
|--------|----------|---------|---------|----------|----------|----------|
|        |          |         |         |          |          |          |
| Galaxy | Glxyl Cl | Glob    | Open Cl | Cl+Neb   | Brit Neb | Drk Neb  |
|        |          |         |         |          |          |          |
| Plan   | Asterism | Unknown | Quasar  | Dbl Star | Comet    | Asteroid |

Date \_\_\_\_\_  
 Time \_\_\_\_\_  
 Location \_\_\_\_\_  
 Seeing \_\_\_\_\_  
 Scope \_\_\_\_\_  
 Eyepiece \_\_\_\_\_  
 Notes:



Names and designations

**M 15**  
**NGC 7078**

Type of object: Globular cluster

Catalog position for epoch J2000.0

Right ascension: 21h 29m 58.3s

Declination: +12° 10' 01"

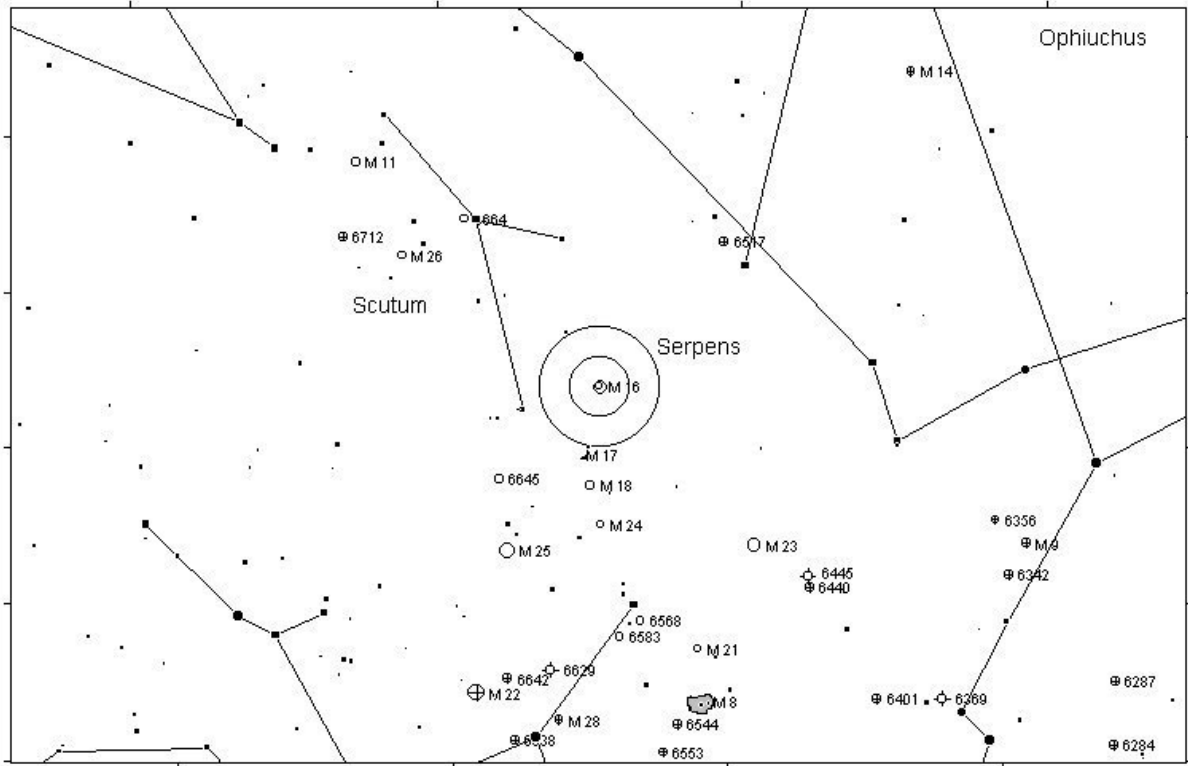
Constellation: Pegasus

Object information

Magnitude: 6.4

Size: 12.3'

Object classification: 4



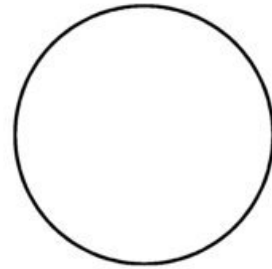
M16 "Eagle" Nebula

25° 0.0' x 38° 56.3' Ser Uranometria 294

N  
 ↑ W 0 1 2 3 4 5 6

- |        |          |         |         |          |         |          |
|--------|----------|---------|---------|----------|---------|----------|
|        |          |         |         |          |         |          |
| Galaxy | Glxyl Cl | Glob    | Open Cl | Cl+Neb   | Brt Neb | Drk Neb  |
|        |          |         |         |          |         |          |
| Plan   | Asterism | Unknown | Quasar  | Dbl Star | Comet   | Asteroid |

Date \_\_\_\_\_  
 Time \_\_\_\_\_  
 Location \_\_\_\_\_  
 Seeing \_\_\_\_\_  
 Scope \_\_\_\_\_  
 Eyepiece \_\_\_\_\_  
 Notes:



Names and designations

**M 16**  
**NGC 6611**

Type of object: Open cluster

Catalog position for epoch  
J2000.0

Right ascension: 18h 18m  
 48.0s

Declination: -13° 47' 00"

Constellation: Serpens

Object information

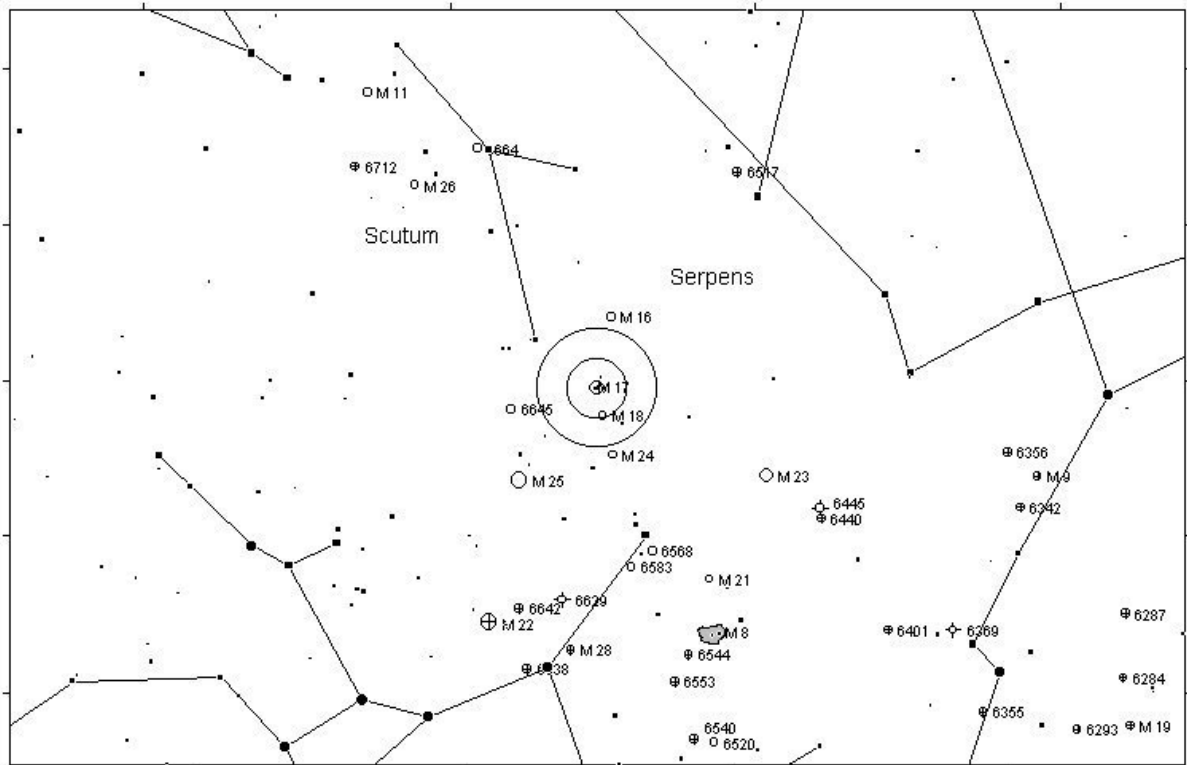
Magnitude: 6.0

Size: 6.0'

Number of stars: 60

Magnitude of brightest star:

11.0



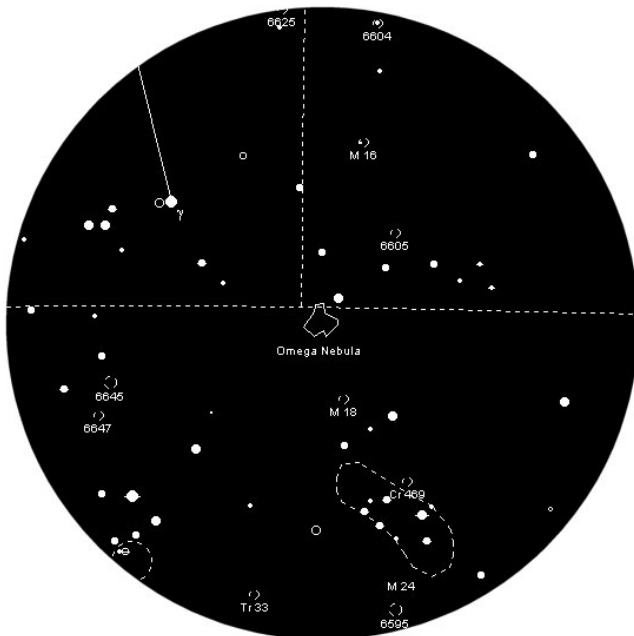
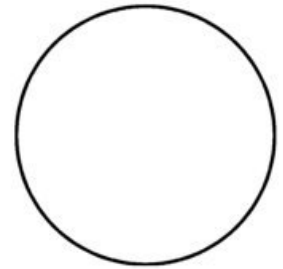
M17 "Omega" or "Swan" Nebula

25° 0.0' x 38° 56.3' Sgr Uranometria 294

N  
 ↙ ↘  
 W 0 1 2 3 4 5 6

- |        |          |         |         |          |          |          |
|--------|----------|---------|---------|----------|----------|----------|
|        |          |         |         |          |          |          |
| Galaxy | Glxy Cl  | Glob    | Open Cl | Cl+Neb   | Brit Neb | Drk Neb  |
|        |          |         |         |          |          |          |
| Plan   | Asterism | Unknown | Quasar  | Dbl Star | Comet    | Asteroid |

Date \_\_\_\_\_  
 Time \_\_\_\_\_  
 Location \_\_\_\_\_  
 Seeing \_\_\_\_\_  
 Scope \_\_\_\_\_  
 Eyepiece \_\_\_\_\_  
 Notes:



Names and designations

**M 17**  
**NGC 6618**

Type of object: Cluster with  
 nebulosity

Catalog position for epoch  
J2000.0

Right ascension: 18h 21m  
 12.0s

Declination: -16° 09' 00"

Constellation: Sagittarius

Object information

Magnitude: 6.0

Size: 30.0'x30.0'

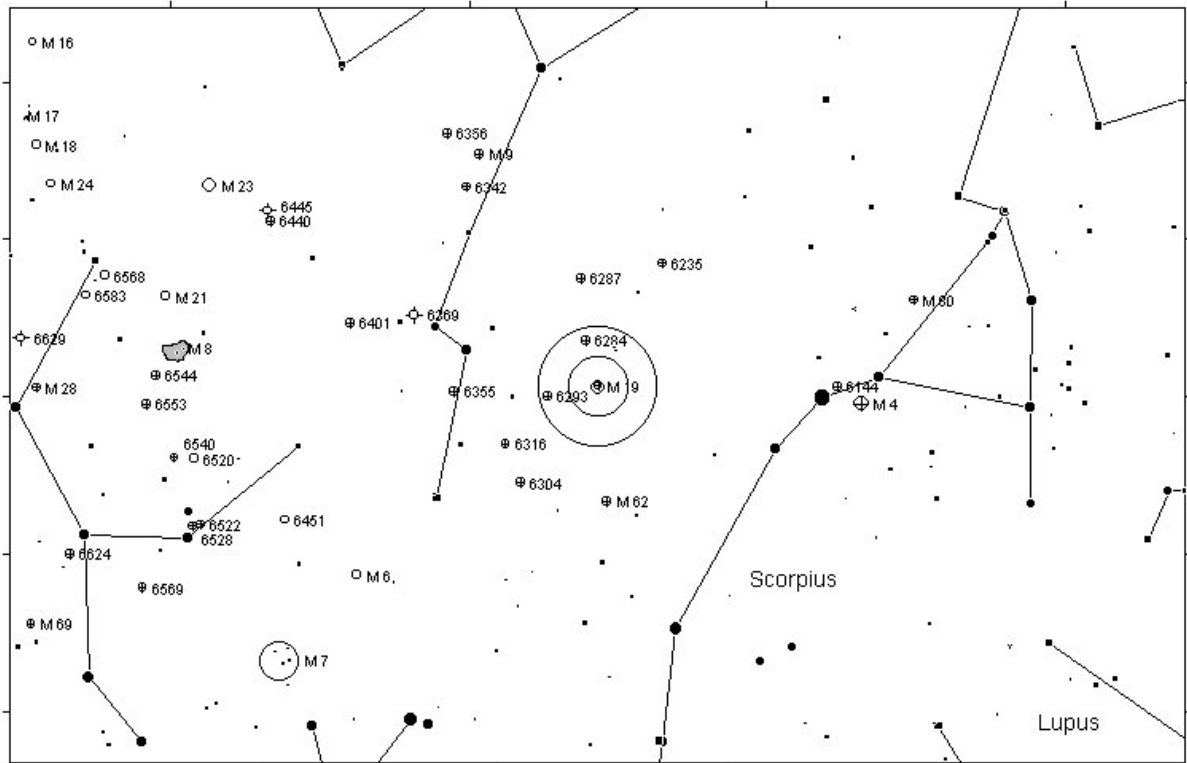
Number of stars: 40

Magnitude of brightest star: 9.3

Object classification: III 3 m n

Description: III R e I e i F ?





M19

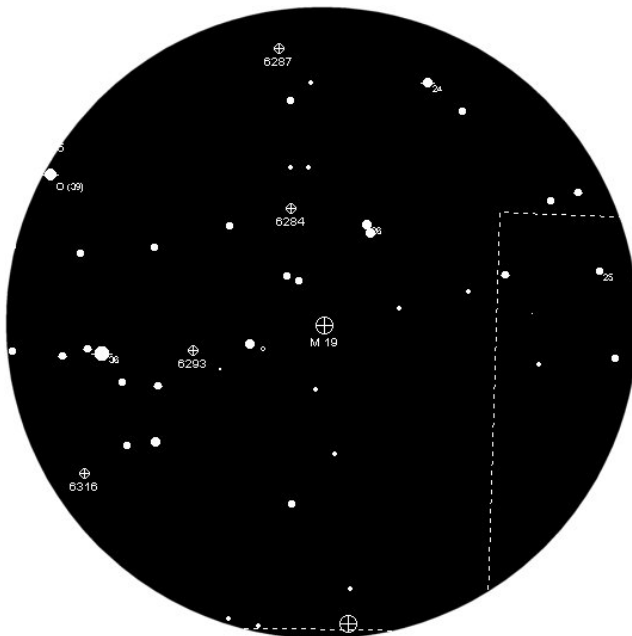
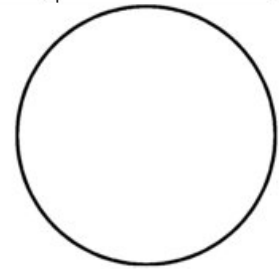
25° 0.0' x 38° 56.3' Oph Uranometria 337

N  
 ↑  
 ↘ W

0 1 2 3 4 5 6

Galaxy	Glyxy Cl	Glob	Open Cl	Cl+Neb	Brit Neb	Drk Neb
Plan	Asterism	Unknown	Quasar	Dbl Star	Comet	Asteroid

Date \_\_\_\_\_  
 Time \_\_\_\_\_  
 Location \_\_\_\_\_  
 Seeing \_\_\_\_\_  
 Scope \_\_\_\_\_  
 Eyepiece \_\_\_\_\_  
 Notes: \_\_\_\_\_



Names and designations

**M 19**  
**NGC 6273**

Type of object: Globular cluster

Catalog position for epoch J2000.0

Right ascension: 17h 02m 37.7s  
 Declination: -26° 16' 05"

Constellation: Ophiuchus

Object information

Magnitude: 7.2  
 Size: 13.5'

Object classification: 8

