# Capricornus

## Sternkarten / Star maps

**Astronomische Daten für diese Karten stammen von frei verfügbaren Datenbanken im Internet**
**Astronomical data for this sky atlas were taken from free database sources on the internet**

**Objektkataloge / Object databases:**

Centre de Données astronomiques de Strasbourg - http://cdsweb.u-strasbg.fr
Saguaro Astronomy Club: SAC Database 7.70 - http://www.saguaroastro.org

**Sternkatalog / Star database:**

Star Database: SKY2000 Catalog, Version 4 (Myers+ 2002)
http://vizier.u-strasbg.fr/viz-bin/VizieR?-source=V/109

**An den Karten haben mitgewirkt / People that have been working on the maps:**

Fred Van Gestel (author), Dennis Wallace (PDF and data base editing)

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## CAPRICORNUS constellation index (objects up to $12^m0$)

4 Objects

### Globular clusters

| Object | Const. | Name | Page(s) | Vmag | Size | Instrument | OIII | UHC | H-β | Distance | NGC/IC |
|---|---|---|---|---|---|---|---|---|---|---|---|
| M30 | CAP | | Cap 1-1 Cap 1-2 Cap 2-1 | 7.20 | 5' | 10x50 | | | | 25000 Ly | 7099 |
| Pal 12 | CAP | | Cap 1-1 | 11.70 | | | | | | | - |
| ***2 globular clusters*** | | | | | | | | | | | |

### Galaxies

| Object | Const. | Name | Page(s) | Vmag | Size | Instrument | OIII | UHC | H-β | Distance | NGC/IC |
|---|---|---|---|---|---|---|---|---|---|---|---|
| N6903 | CAP | | Cap 1-1 Cap 1-2 Cap 2-1 | 11.90 | | | | | | | 6903 |
| N6907 | CAP | | Cap 1-1 Cap 1-2 Cap 2-1 | 11.20 | | | | | | | 6907 |
| ***2 galaxies*** | | | | | | | | | | | |

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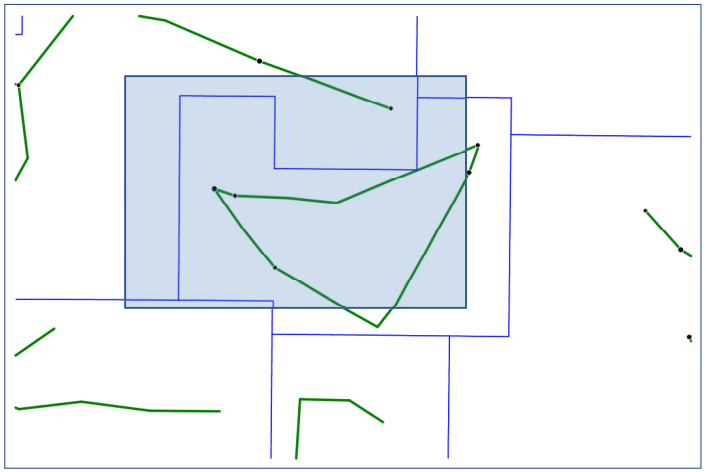
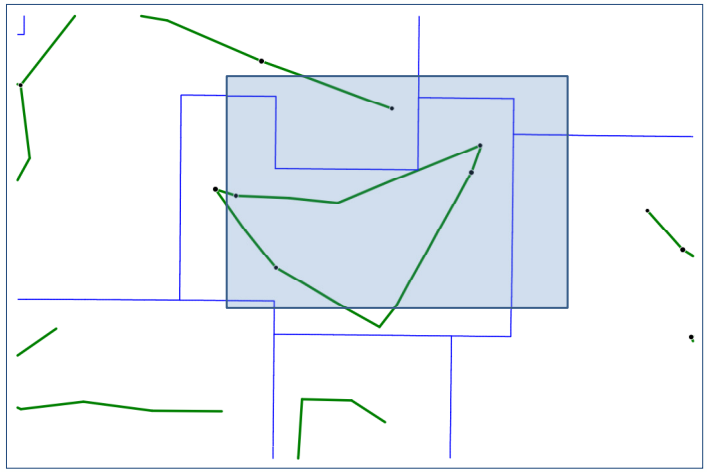
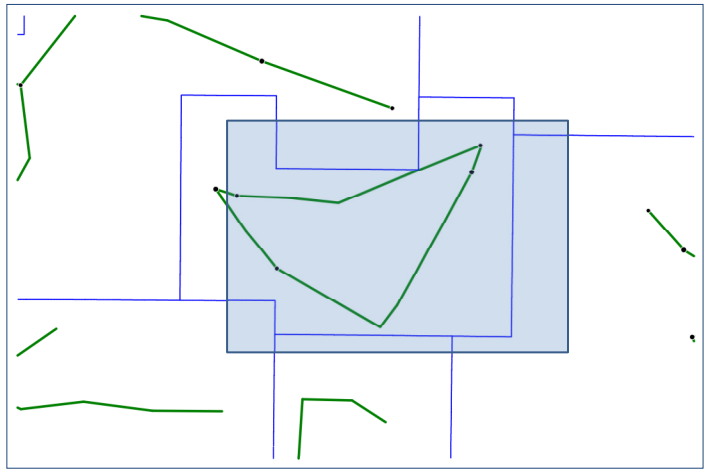


## Cap 1-1



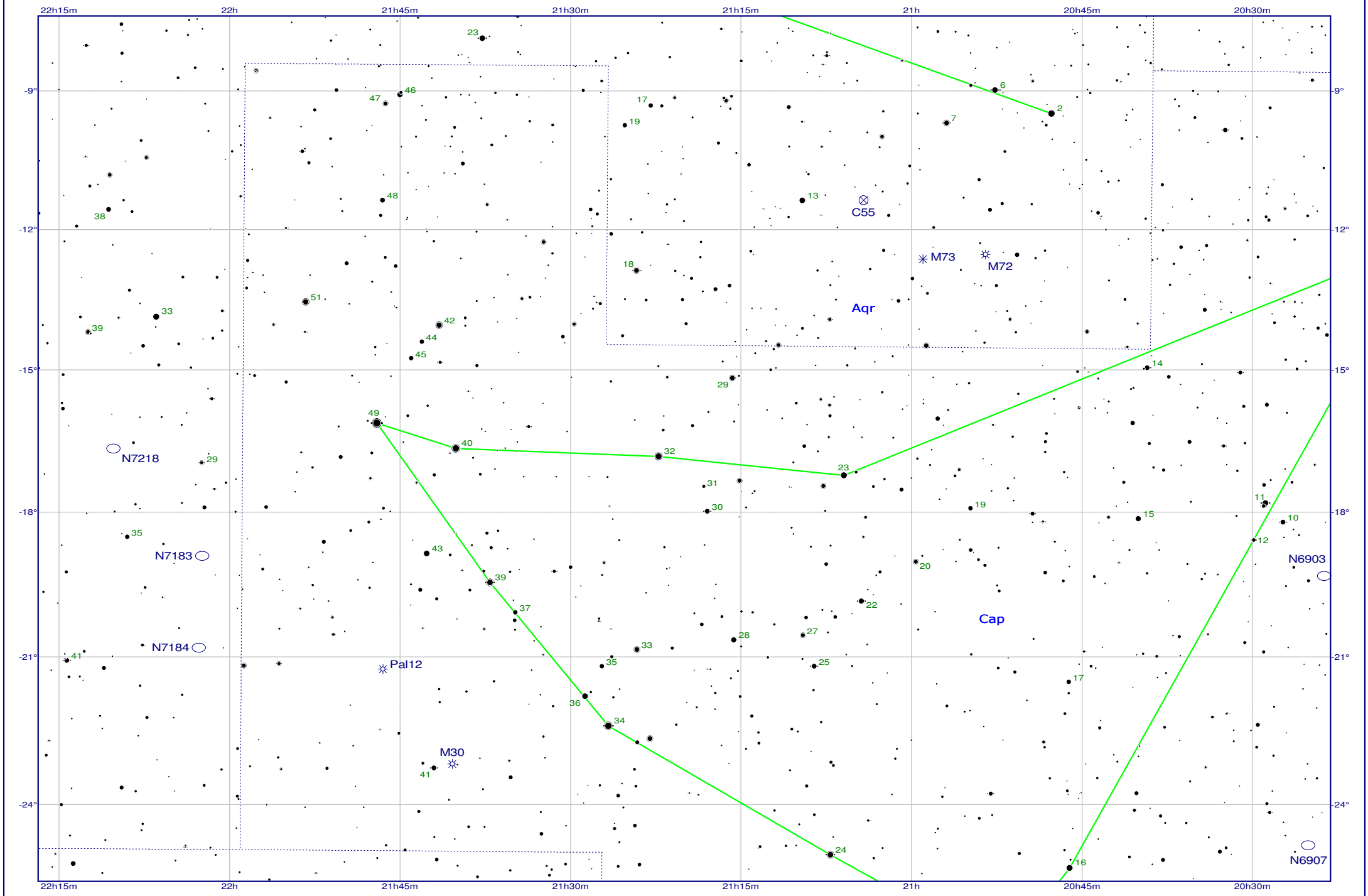
## Cap 1-2



## Cap 2-1

| Star map history | |
|---|---|
| V 1.00 (2014) | Initial release |
| | |

CC BY NC




# Cap 1-1

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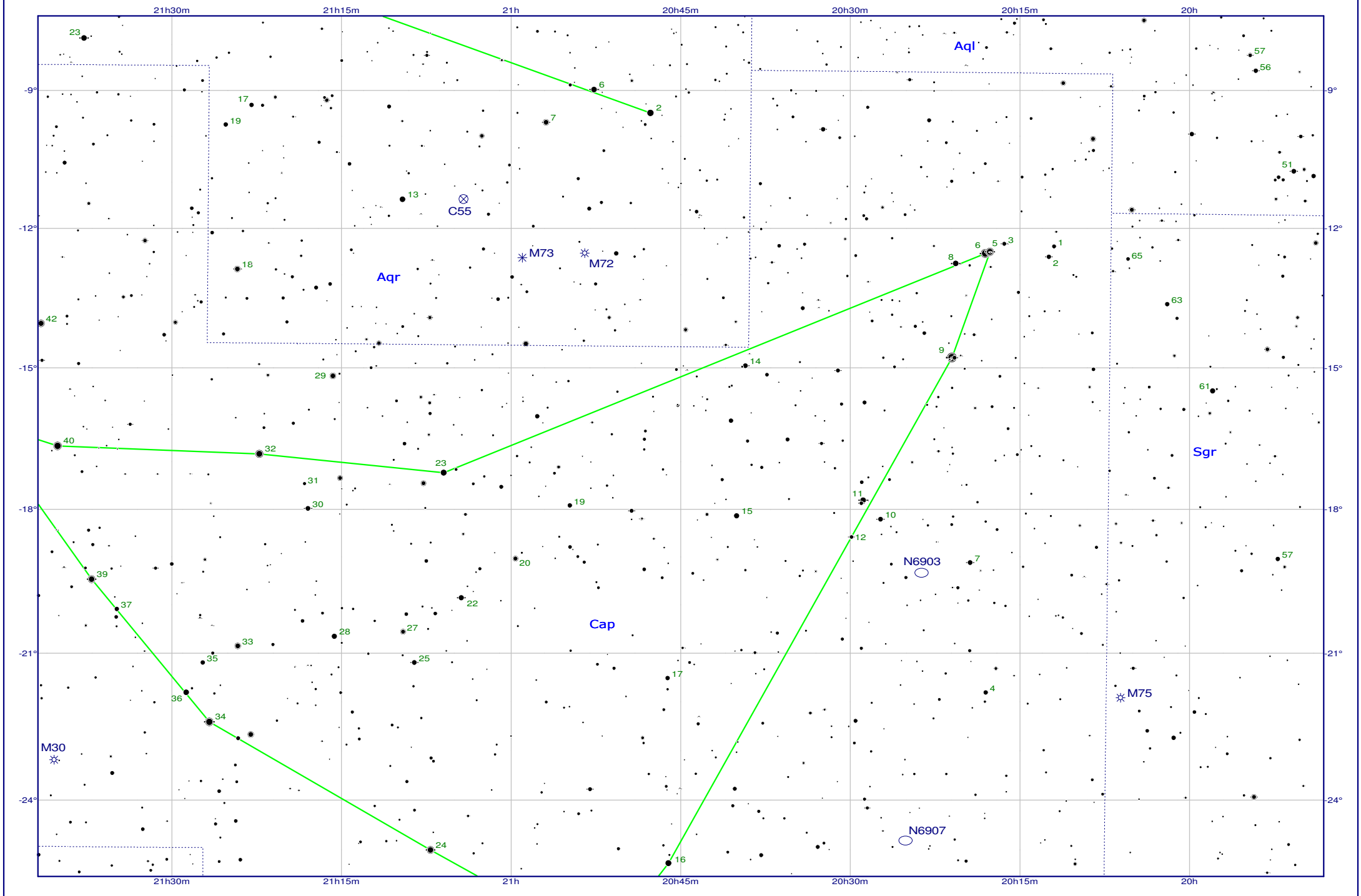


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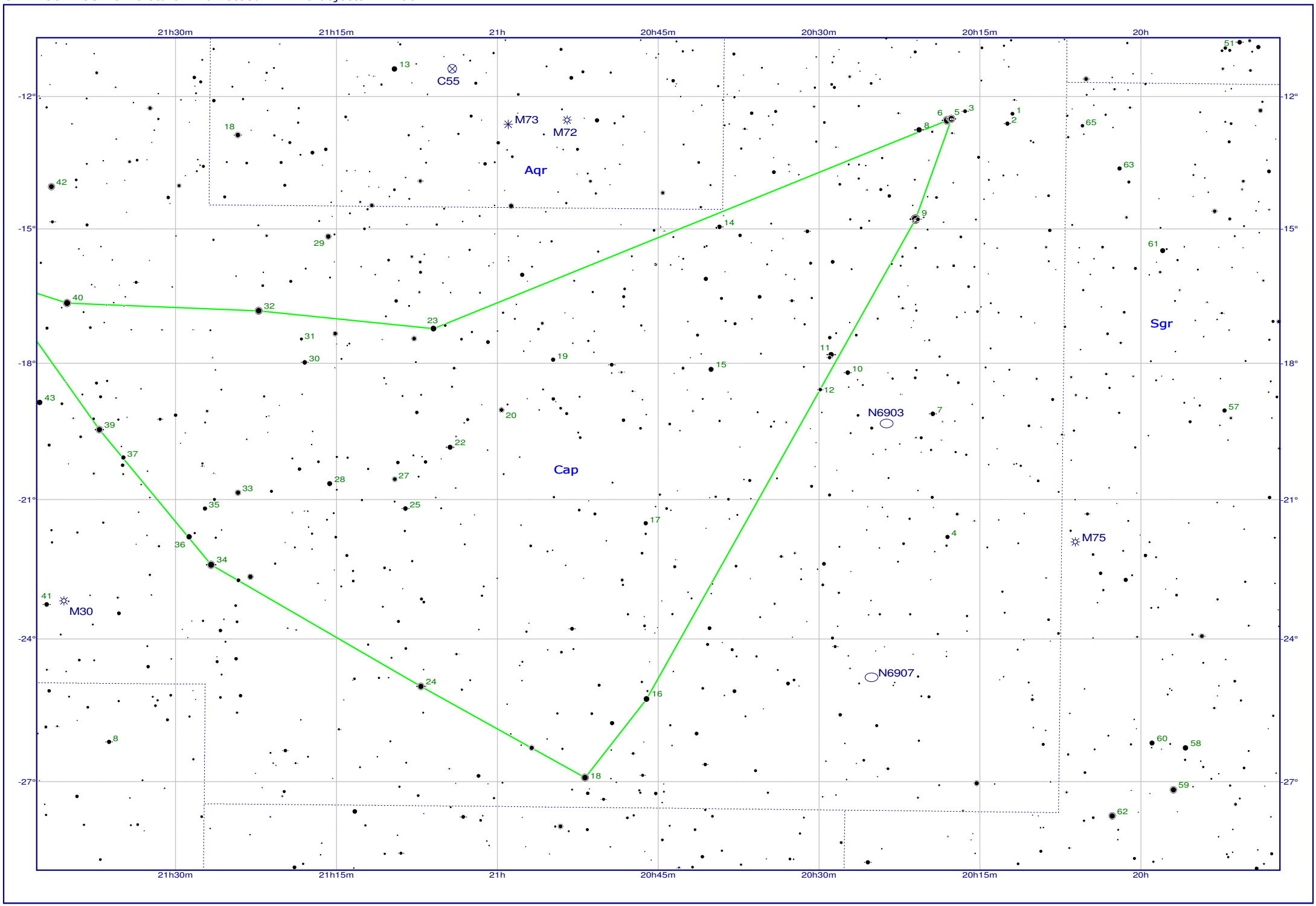
# Cap 1-2

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# Cap 2-1

## Cap 1-1 — 10 Objects

### Open clusters

| Object | Const. | Name | Description | Vmag | Size | Instrument | OIII | UHC | H-β | Distance | NGC/IC |
|---|---|---|---|---|---|---|---|---|---|---|---|
| M73 | AQR | | four stars | 9.00 | 1' | 10x50 | | | | 2000 Ly | 6994 |
| ***1 open cluster*** | | | | | | | | | | | |

### Globular clusters

| Object | Const. | Name | Description | Vmag | Size | Instrument | OIII | UHC | H-β | Distance | NGC/IC |
|---|---|---|---|---|---|---|---|---|---|---|---|
| M30 | CAP | | | 7.20 | 5' | 10x50 | | | | 25000 Ly | 7099 |
| M72 | AQR | | | 9.30 | 3' | 10x50 | | | | 62000 Ly | 6981 |
| Pal 12 | CAP | | | 11.70 | | | | | | | - |
| ***3 globular clusters*** | | | | | | | | | | | |

### Galaxies

| Object | Const. | Name | Description | Vmag | Size | Instrument | OIII | UHC | H-β | Distance | NGC/IC |
|---|---|---|---|---|---|---|---|---|---|---|---|
| N6903 | CAP | | | 11.90 | | | | | | | 6903 |
| N6907 | CAP | | | 11.20 | | | | | | | 6907 |
| N7183 | AQR | | | 11.90 | | | | | | | 7183 |
| N7184 | AQR | | | 10.90 | | | | | | | 7184 |
| N7218 | AQR | | | 12.00 | | | | | | | 7218 |
| ***5 galaxies*** | | | | | | | | | | | |

### Planetary nebula

| Object | Const. | Name | Description | Vmag | Size | Instrument | OIII | UHC | H-β | Distance | NGC/IC |
|---|---|---|---|---|---|---|---|---|---|---|---|
| C55 | AQR | Saturn nebula | very small | 8.00 | 0.4' | 50 mm | + | + | - | 2500 Ly | 7009 |
| ***1 planetary nebula*** | | | | | | | | | | | |

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## Cap 1-2 — 7 Objects

### Open clusters

| Object | Const. | Name | Description | Vmag | Size | Instrument | OIII | UHC | H-β | Distance | NGC/IC |
|---|---|---|---|---|---|---|---|---|---|---|---|
| M73 | AQR | | four stars | 9.00 | 1' | 10x50 | | | | 2000 Ly | 6994 |
| ***1 open cluster*** | | | | | | | | | | | |

### Globular clusters

| Object | Const. | Name | Description | Vmag | Size | Instrument | OIII | UHC | H-β | Distance | NGC/IC |
|---|---|---|---|---|---|---|---|---|---|---|---|
| M30 | CAP | | | 7.20 | 5' | 10x50 | | | | 25000 Ly | 7099 |
| M72 | AQR | | | 9.30 | 3' | 10x50 | | | | 62000 Ly | 6981 |
| M75 | SGR | | | 8.50 | 1.5' | 10x50 | | | | 60000 Ly | 6864 |
| ***3 globular clusters*** | | | | | | | | | | | |

### Galaxies

| Object | Const. | Name | Description | Vmag | Size | Instrument | OIII | UHC | H-β | Distance | NGC/IC |
|---|---|---|---|---|---|---|---|---|---|---|---|
| N6903 | CAP | | | 11.90 | | | | | | | 6903 |
| N6907 | CAP | | | 11.20 | | | | | | | 6907 |
| ***2 galaxies*** | | | | | | | | | | | |

### Planetary nebula

| Object | Const. | Name | Description | Vmag | Size | Instrument | OIII | UHC | H-β | Distance | NGC/IC |
|---|---|---|---|---|---|---|---|---|---|---|---|
| C55 | AQR | Saturn nebula | very small | 8.00 | 0.4' | 50 mm | + | + | - | 2500 Ly | 7009 |
| ***1 planetary nebula*** | | | | | | | | | | | |

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## Cap 2-1 — 7 Objects

### Open clusters

| Object | Const. | Name | Description | Vmag | Size | Instrument | OIII | UHC | H-β | Distance | NGC/IC |
|---|---|---|---|---|---|---|---|---|---|---|---|
| M73 | AQR | | four stars | 9.00 | 1' | 10x50 | | | | 2000 Ly | 6994 |
| ***1 open cluster*** | | | | | | | | | | | |

### Globular clusters

| Object | Const. | Name | Description | Vmag | Size | Instrument | OIII | UHC | H-β | Distance | NGC/IC |
|---|---|---|---|---|---|---|---|---|---|---|---|
| M30 | CAP | | | 7.20 | 5' | 10x50 | | | | 25000 Ly | 7099 |
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| ***3 globular clusters*** | | | | | | | | | | | |

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| Object | Const. | Name | Description | Vmag | Size | Instrument | OIII | UHC | H-β | Distance | NGC/IC |
|---|---|---|---|---|---|---|---|---|---|---|---|
| N6903 | CAP | | | 11.90 | | | | | | | 6903 |
| N6907 | CAP | | | 11.20 | | | | | | | 6907 |
| ***2 galaxies*** | | | | | | | | | | | |

### Planetary nebula

| Object | Const. | Name | Description | Vmag | Size | Instrument | OIII | UHC | H-β | Distance | NGC/IC |
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