Ophiuchus

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)

OPHIUCHUS constellation index (objects up to 12^{m}0) — 32 Objects

Open clusters

Object	Const.	Name	Page(s)	Vmag	Size	Instrument	OIII	UHC	H-β	Distance	NGC/IC
Cr 350	OPH		Oph 1-1 Oph 1-2 Oph 2-1	6.10							-
H350	OPH		Oph 1-1	4.60	27'						6633
I4665	OPH		Oph 1-1 Oph 1-2	4.20							IC4665
Mel 186	OPH		Oph 1-1 Oph 2-1	3.00							-
Tr 26	OPH		Oph 3-1	9.50							-
5 open clusters											

Globular clusters

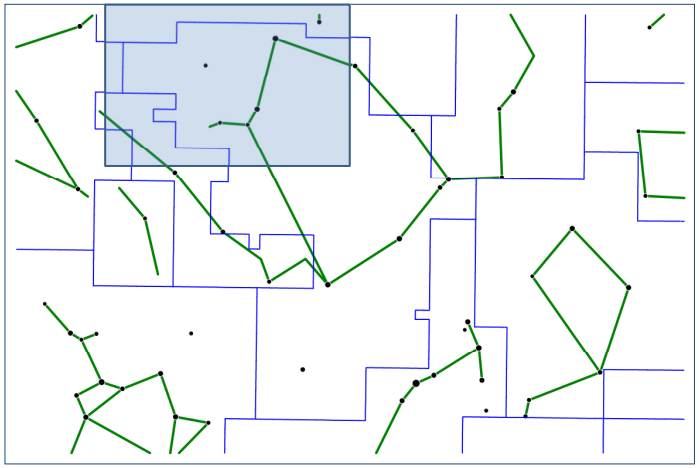
Object	Const.	Name	Page(s)	Vmag	Size	Instrument	OIII	UHC	H-β	Distance	NGC/IC
H321	OPH		Oph 3-1	10.20	1.9'						6235
H322	OPH		Oph 3-1	9.00	2.7'						6284
H323	OPH		Oph 3-1	9.20	2.7'						6287
H324	OPH		Oph 3-1	8.20	3.5'						6293
H325	OPH		Oph 3-1	8.40	3.8'						6304
H326	OPH		Oph 3-1	9.00	4.9'						6316
H327	OPH		Oph 3-1	9.90	3'						6342
H328	OPH		Oph 3-1	9.60	6.1'						6355
H329	OPH		Oph 3-1	8.40	3.5'						6356
H331	OPH		Oph 3-1	9.50	1'						6401
H332	OPH		Oph 1-1 Oph 1-2 Oph 2-1	11.20	3.2'						6426
H337	OPH		Oph 2-1	10.30	1'						6517
M10	OPH		Oph 2-1 Oph 2-2	6.60	8'	8x30				15000 Ly	6254
M107	OPH		Oph 2-2 Oph 3-1	7.90	2.5'	10x50				20000 Ly	6171
M12	OPH		Oph 1-2 Oph 2-1 Oph 2-2	6.70	5'	8x30				18000 Ly	6218
M14	OPH		Oph 2-1	7.60	3'	10x50				30000 Ly	6402
M19	OPH		Oph 3-1	6.80	3'x2.5'	8x30				30000 Ly	6273
M62	OPH		Oph 3-1	6.50	3.5'	8x30				20000 Ly	6266
M9	OPH		Oph 3-1	7.70	3'	10x50				25000 Ly	6333
N6325	OPH		Oph 3-1	10.20							6325
N6366	OPH		Oph 2-1	9.50							6366
Pal 6	OPH		Oph 3-1	11.60							-
22 globular clusters											

Galaxies

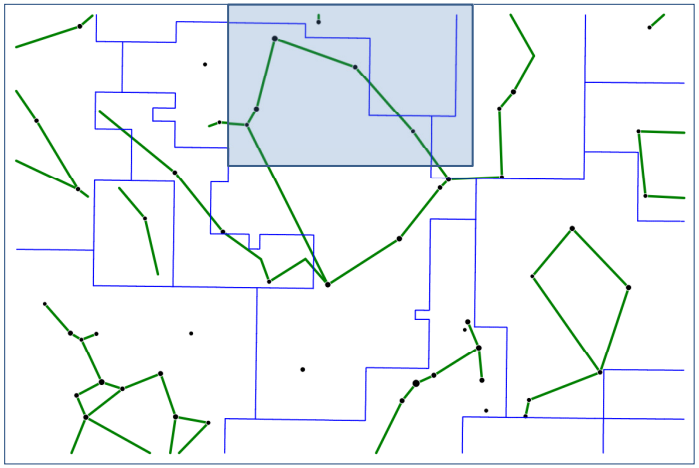
Object	Const.	Name	Page(s)	Vmag	Size	Instrument	OIII	UHC	H-β	Distance	NGC/IC
N6384	OPH		Oph 1-1 Oph 1-2	10.40							6384
1 galaxie											

Planetary nebula

Object	Const.	Name	Page(s)	Vmag	Size	Instrument	OIII	UHC	H-β	Distance	NGC/IC
I4634	OPH		Oph 3-1	12.00	20''						IC4634
N6309	OPH		Oph 2-1 Oph 2-2 Oph 3-1	11.60	20''						6309
N6572	OPH		Oph 1-1	8.00	15''		++	?	?		6572
PK 8+ 6.1	OPH		Oph 3-1	11.00	10''						-
4 planetary nebula											



Oph 1-1



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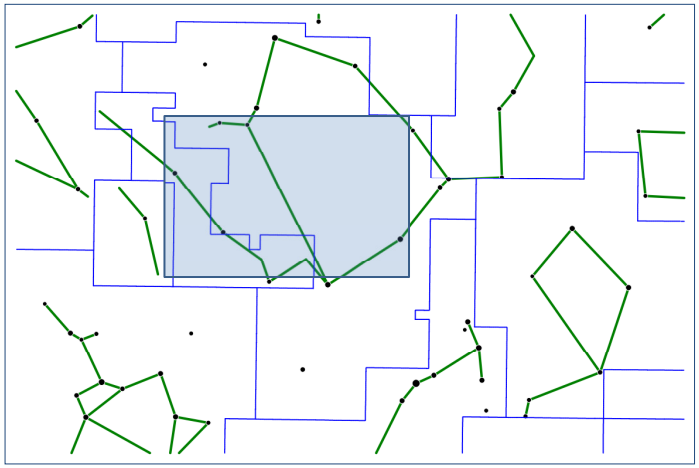

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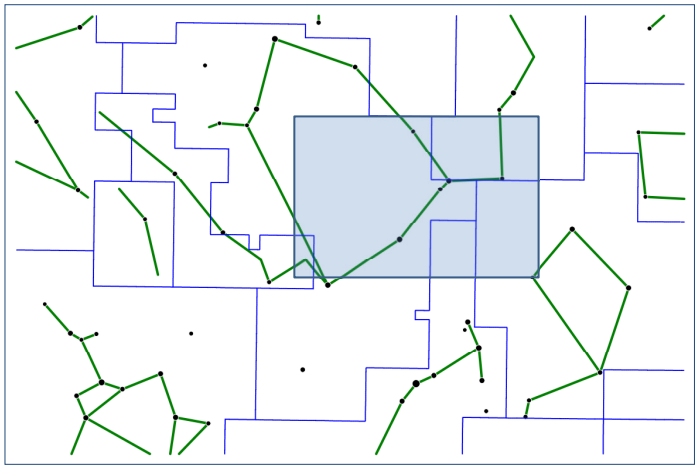

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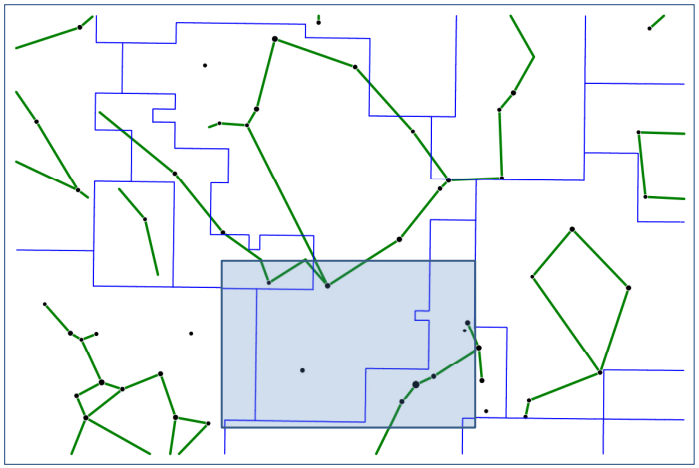
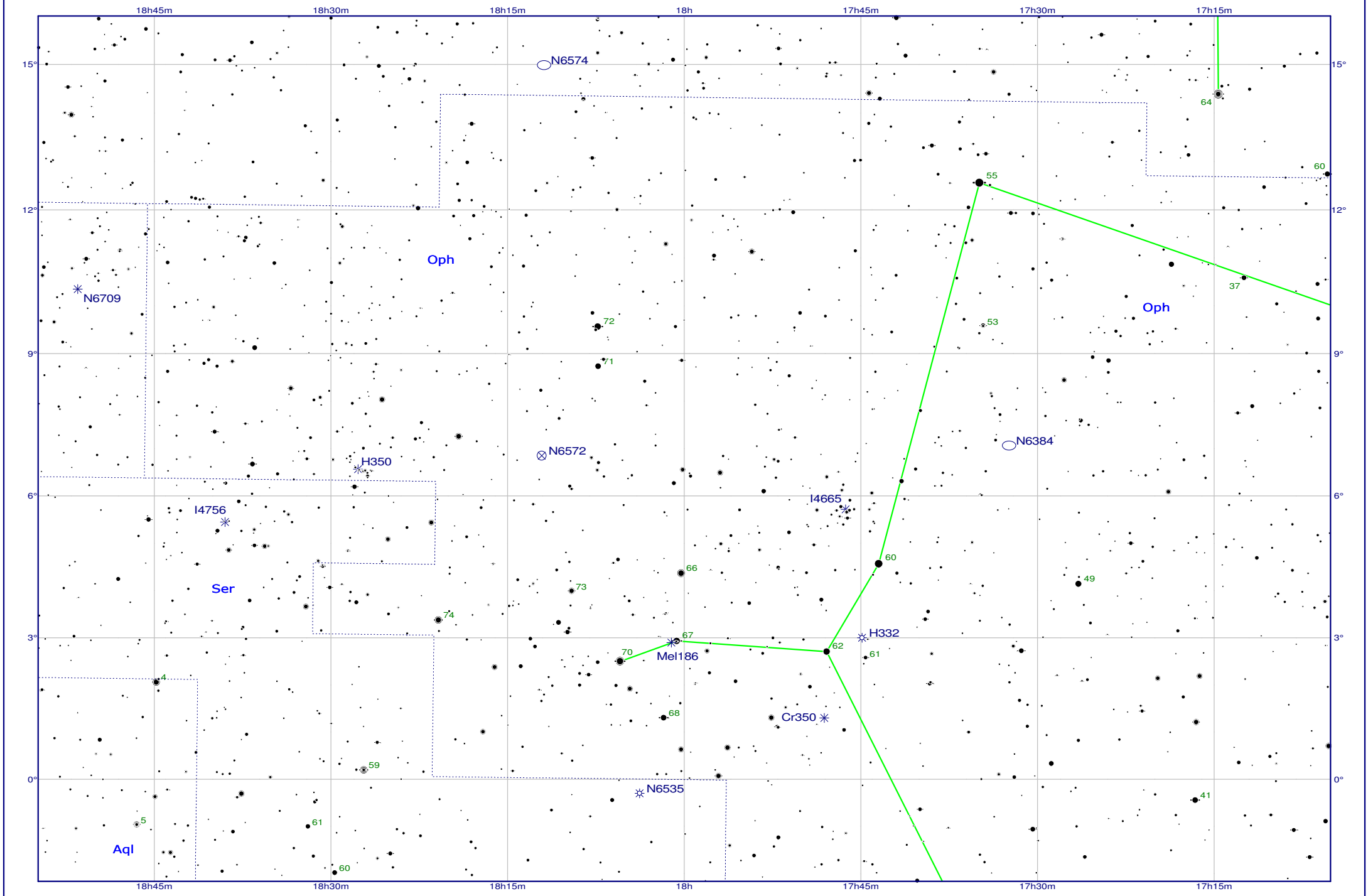


Oph 3-1

Star map history	
V 1.00 (2014)	Initial release



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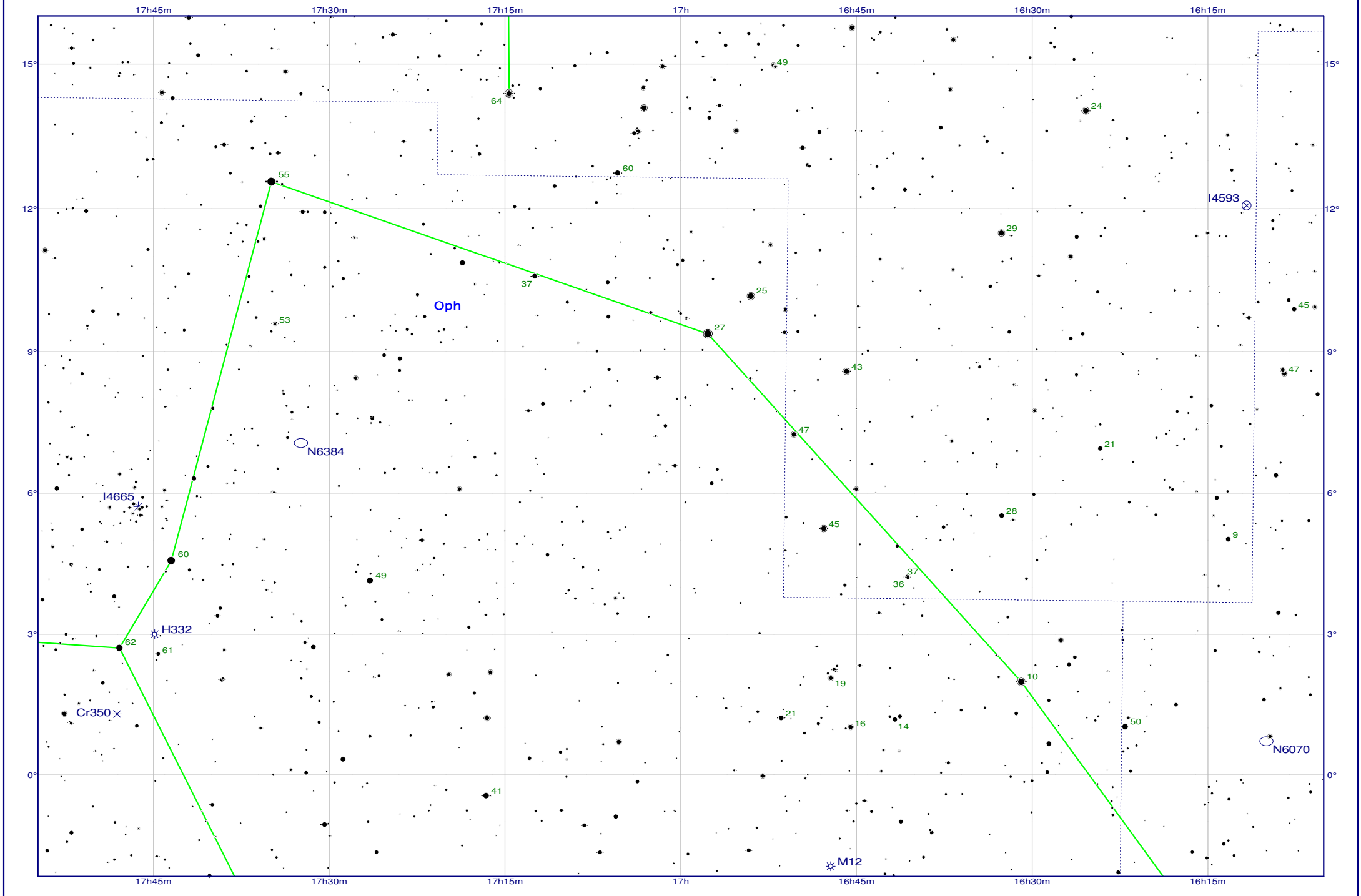
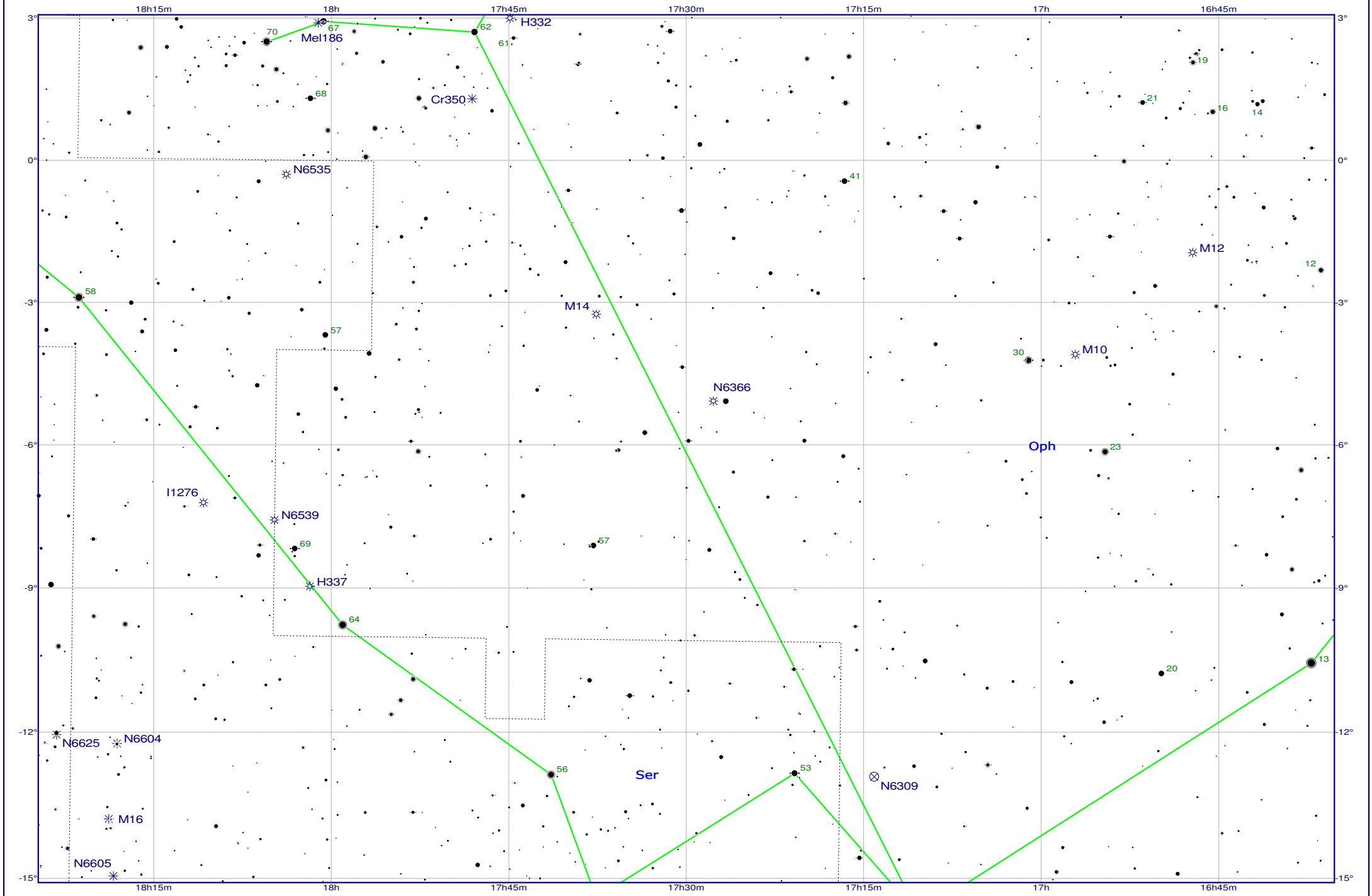


Oph 1-2

OPHIUCHUS - 9m0 stars - Flamsteed - 12m0 objects - v1.00



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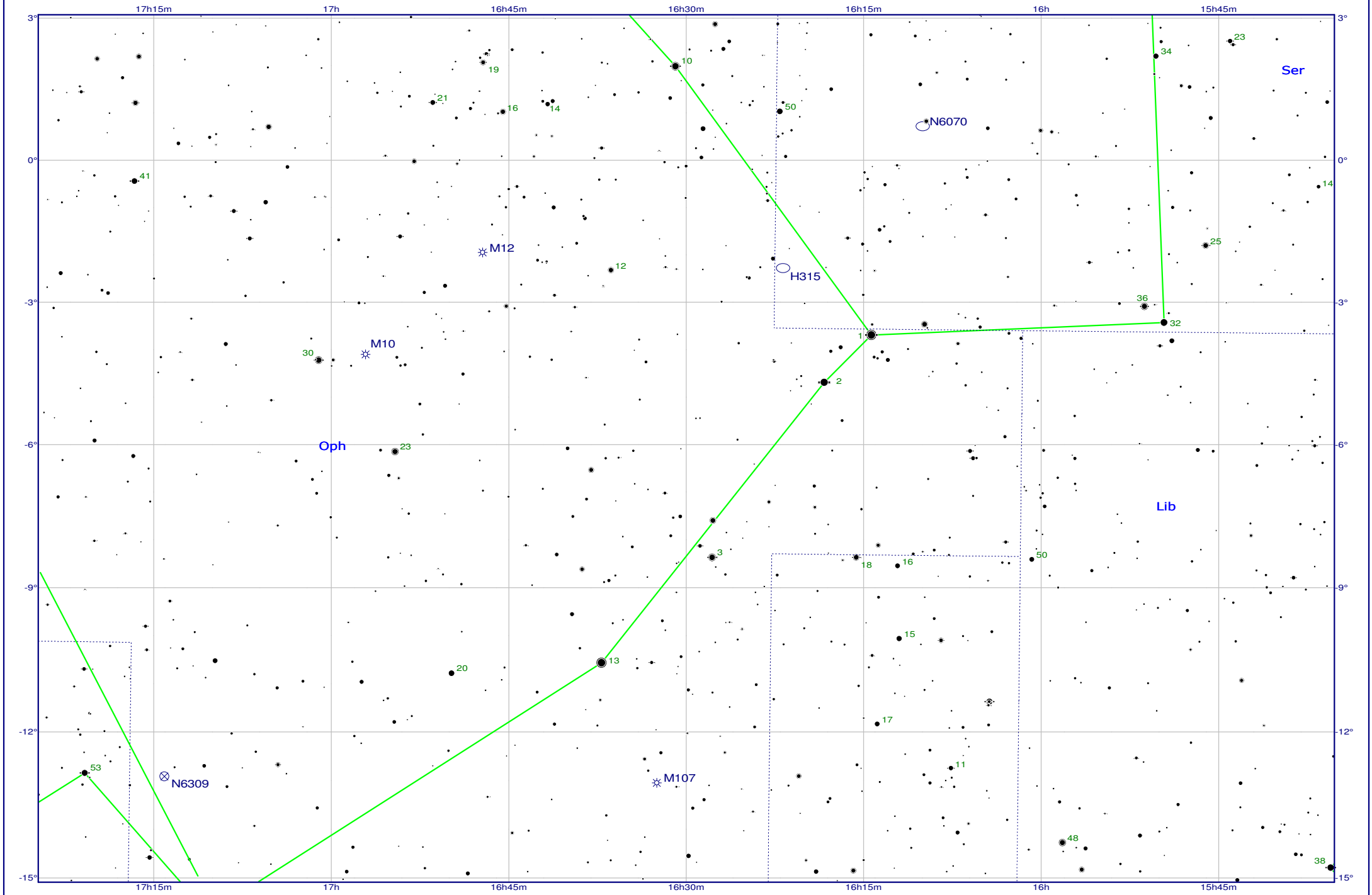

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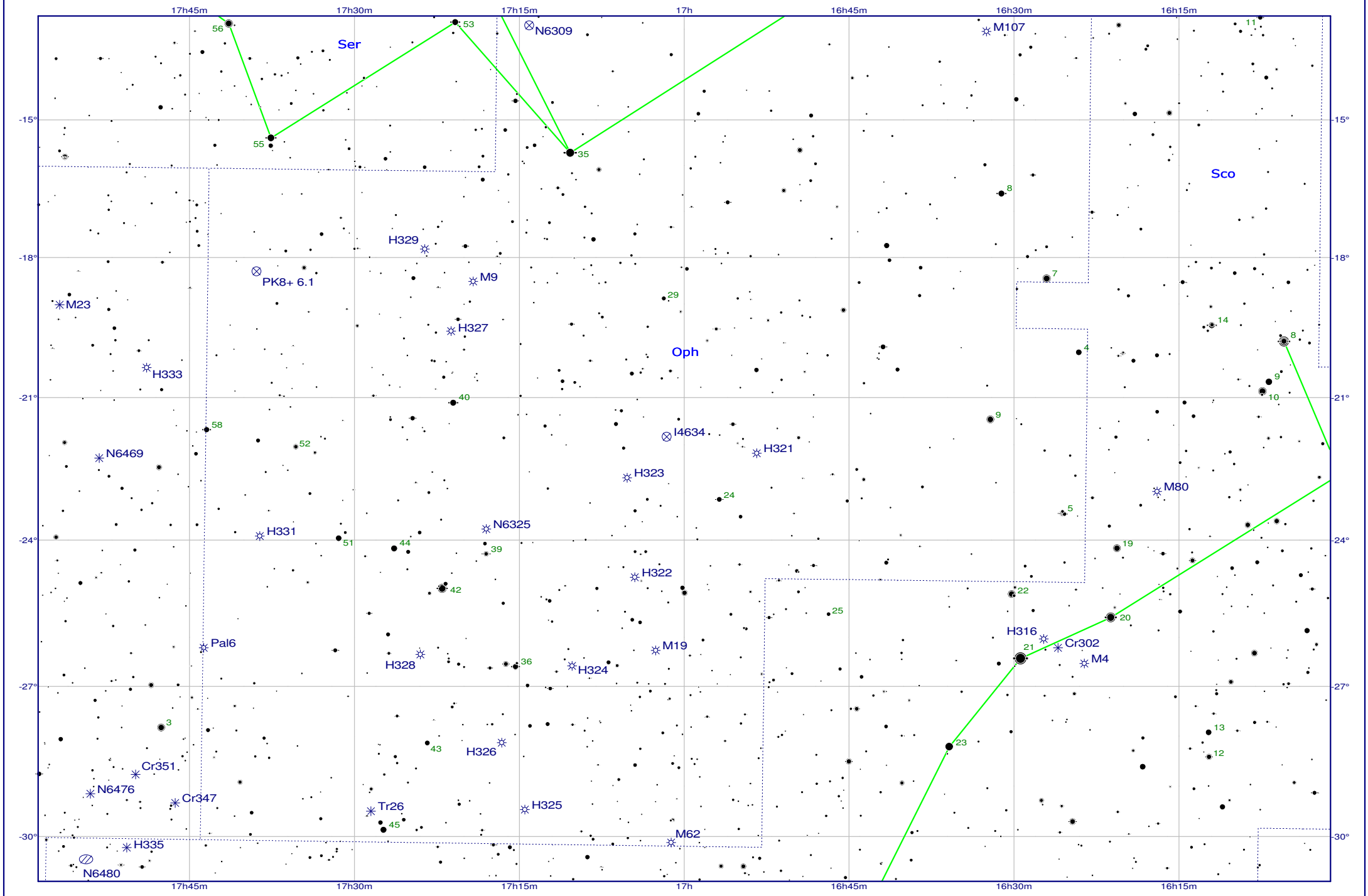

Oph 3-1

Oph 1-1

11 Objects

Open clusters

Object	Const.	Name	Description	Vmag	Size	Instrument	OIII	UHC	H-β	Distance	NGC/IC
Cr 350	OPH			6.10							-
H350	OPH			4.60	27'						6633
I4665	OPH			4.20							IC4665
I4756	SER			4.60							IC4756
Mel 186	OPH			3.00							-
N6709	AQL			6.70							6709

6 open clusters

Globular clusters

Object	Const.	Name	Description	Vmag	Size	Instrument	OIII	UHC	H-β	Distance	NGC/IC
H332	OPH			11.20	3.2'						6426
N6535	SER			9.30							6535

2 globular clusters

Galaxies

Object	Const.	Name	Description	Vmag	Size	Instrument	OIII	UHC	H-β	Distance	NGC/IC
N6384	OPH			10.40							6384
N6574	HER			12.00							6574

2 galaxies

Planetary nebula

Object	Const.	Name	Description	Vmag	Size	Instrument	OIII	UHC	H-β	Distance	NGC/IC
N6572	OPH		Hazy	8.00	15''		++	?	?		6572

1 planetary nebula

Oph 1-2 — 7 Objects

Open clusters

Object	Const.	Name	Description	Vmag	Size	Instrument	OIII	UHC	H-β	Distance	NGC/IC
Cr 350	OPH			6.10							-
I4665	OPH			4.20							IC4665
2 open clusters											

Globular clusters

Object	Const.	Name	Description	Vmag	Size	Instrument	OIII	UHC	H-β	Distance	NGC/IC
H332	OPH			11.20	3.2'						6426
M12	OPH			6.70	5'	8x30				18000 Ly	6218
2 globular clusters											

Galaxies

Object	Const.	Name	Description	Vmag	Size	Instrument	OIII	UHC	H-β	Distance	NGC/IC
N6070	SER			11.80							6070
N6384	OPH			10.40							6384
2 galaxies											

Planetary nebula

Object	Const.	Name	Description	Vmag	Size	Instrument	OIII	UHC	H-β	Distance	NGC/IC
I4593	HER		Stellar	11.00	12.5''						IC4593
1 planetary nebula											

Oph 2-1 — 16 Objects

Open clusters

Object	Const.	Name	Description	Vmag	Size	Instrument	OIII	UHC	H-β	Distance	NGC/IC
Cr 350	OPH			6.10							-
M16	SER	Eagle nebula	in Eagle nebula IC4703	6.40	10'	n. eye	++	++	o	7000 Ly	6611
Mel 186	OPH			3.00							-
N6604	SER			6.50			o	++	+		6604
N6605	SER			6.00							6605
N6625	SCT			9.00							6625

6 open clusters

Globular clusters

Object	Const.	Name	Description	Vmag	Size	Instrument	OIII	UHC	H-β	Distance	NGC/IC
H332	OPH			11.20	3.2'						6426
H337	OPH			10.30	1'						6517
I1276	SER			10.30							IC1276
M10	OPH			6.60	8'	8x30				15000 Ly	6254
M12	OPH			6.70	5'	8x30				18000 Ly	6218
M14	OPH			7.60	3'	10x50				30000 Ly	6402
N6366	OPH			9.50							6366
N6535	SER			9.30							6535
N6539	SER			8.90							6539

9 globular clusters

Planetary nebula

Object	Const.	Name	Description	Vmag	Size	Instrument	OIII	UHC	H-β	Distance	NGC/IC
N6309	OPH			11.60	20''						6309

1 planetary nebula

Oph 2-2 — 6 Objects

Globular clusters

Object	Const.	Name	Description	Vmag	Size	Instrument	OIII	UHC	H-β	Distance	NGC/IC
M10	OPH			6.60	8'	8x30				15000 Ly	6254
M107	OPH			7.90	2.5'	10x50				20000 Ly	6171
M12	OPH			6.70	5'	8x30				18000 Ly	6218
3 globular clusters											

Galaxies

Object	Const.	Name	Description	Vmag	Size	Instrument	OIII	UHC	H-β	Distance	NGC/IC
H315	SER			12.00	4.7'						6118
N6070	SER			11.80							6070
2 galaxies											

Planetary nebula

Object	Const.	Name	Description	Vmag	Size	Instrument	OIII	UHC	H-β	Distance	NGC/IC
N6309	OPH			11.60	20''						6309
1 planetary nebula											

Oph 3-1

32 Objects

Open clusters

Object	Const.	Name	Description	Vmag	Size	Instrument	OIII	UHC	H-β	Distance	NGC/IC
Cr 302	SCO			1.00							-
Cr 347	SGR			8.80							-
Cr 351	SGR			9.30							-
H335	SCO			8.00	8'						6451
M23	SGR			6.90	25'	8x30				2200 Ly	6494
N6469	SGR			8.20							6469
N6476	SGR			12.00							6476
Tr 26	OPH			9.50							-
8 open clusters											

Globular clusters

Object	Const.	Name	Description	Vmag	Size	Instrument	OIII	UHC	H-β	Distance	NGC/IC
H316	SCO			9.10	6.2'						6144
H321	OPH			10.20	1.9'						6235
H322	OPH			9.00	2.7'						6284
H323	OPH			9.20	2.7'						6287
H324	OPH			8.20	3.5'						6293
H325	OPH			8.40	3.8'						6304
H326	OPH			9.00	4.9'						6316
H327	OPH			9.90	3'						6342
H328	OPH			9.60	6.1'						6355
H329	OPH			8.40	3.5'						6356
H331	OPH			9.50	1'						6401
H333	SGR			9.70	1.7'						6440
M107	OPH			7.90	2.5'	10x50				20000 Ly	6171
M19	OPH			6.80	3'x2.5'	8x30				30000 Ly	6273
M4	SCO			5.60	12'	3.5x15				7000 Ly	6121
M62	OPH			6.50	3.5'	8x30				20000 Ly	6266
M80	SCO			7.30	5'	10x50				30000 Ly	6093
M9	OPH			7.70	3'	10x50				25000 Ly	6333
N6325	OPH			10.20							6325
Pal 6	OPH			11.60							-
20 globular clusters											

Nebula

Object	Const.	Name	Description	Vmag	Size	Instrument	OIII	UHC	H-β	Distance	NGC/IC
N6480	SCO			12.00							6480
1 nebula											

Planetary nebula

Object	Const.	Name	Description	Vmag	Size	Instrument	OIII	UHC	H-β	Distance	NGC/IC
I4634	OPH		Pale blue disk	12.00	20''						IC4634
N6309	OPH			11.60	20''						6309
PK 8+ 6.1	OPH			11.00	10''						-
3 planetary nebula											