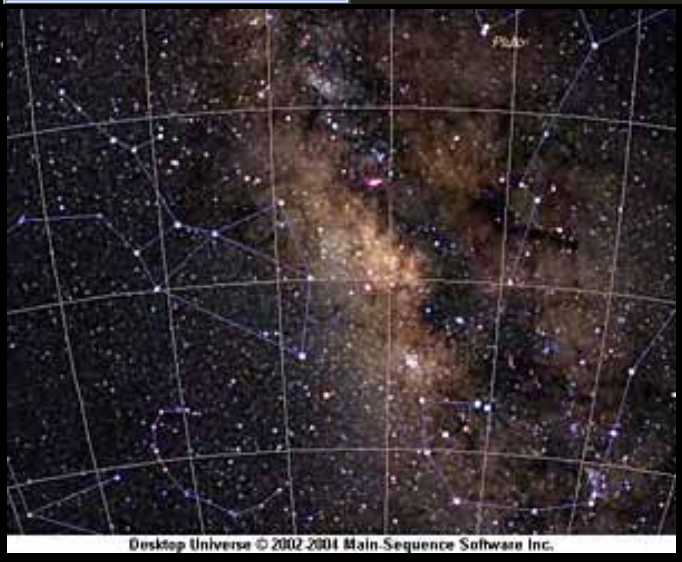

Constellations

Below is a table of the 88 constellations and the approximate date when constellation is highest in the sky for the times below. Clicking the button gives more detail on the given constellation.

For each hour earlier, add 15 days to the date
For each hour later, subtract 15 days to the date

For each week earlier, add 28 minutes to the time
Each week later, subtract 28 minutes to the time

Constellation	Meaning	Dec	6:00 pm	9:00 pm	12:00 am	3:00 am	6:00 am
Andromeda	Princess	+41°	Jan 9	Nov 23	Oct 9	Aug 23	Jul 9
Antlia	Air Pump	-33°	Jun 10	Apr 24	Mar 10	Jan 14	Dec 10
Apus	Bird of Paradise	-74°	Aug 21	Jul 5	May 21	Apr 5	Jul 9
Aquarius	Water Carrier	-11°	Nov 25	Oct 9	Aug 25	Jul 9	Jun 25
Aquila	The Eagle	+03°	Sep 16	Aug 30	Jul 16	May 31	Apr 16
Ara	The Altar	-53°	May 1	Mar 17	Jan 31	Dec 17	Oct 31
Aries	The Ram	+23°	Jan 30	Dec 14	Oct 30	Aug 14	Jul 30
Auriga	The Charioteer	+41°	Mar 21	Feb 14	Dec 21	Nov 14	Sep 21

Bootes	The Hunter	+36°	Aug 2	Jun 16	May 02	Mar 16	Feb 02
Caelum	The Chisel	-38°	Mar 01	Jan 15	Dec 01	Oct 15	Sep 01
Camelopardalis	The Giraffe	+71°	Mar 23	Feb 06	Dec 23	Nov 06	Sep 23
Cancer	The Crab	+24°	Apr 30	Mar 16	Jan 30	Dec 16	Oct 30
Canes Venatici	Hunting Dogs	+42°	Jul 07	May 22	Apr 07	Feb 22	Jan 07
Canis Major	Greater Dog	-20°	Apr 02	Feb 16	Jan 02	Nov 16	Oct 02
Canis Minor	Lesser Dog	+07°	Apr 14	Feb 28	Jan 14	Nov 28	Oct 14
Capricornus	The Goat-Fish	-21°	Nov 08	Sep 22	Aug 08	Jun 22	May 08
Carina	The Keel	-61°	May 01	Mar 17	Jan 31	Dec 17	Oct 31
Cassiopeia	The Queen	+63°	Jan 09	Nov 23	Oct 09	Aug 23	Jul 09
Centaurus	The Centaur	-44°	Jun 30	May 14	Mar 30	Feb 14	Dec 30
Cepheus	The King	+69°	Dec 29	Nov 13	Sep 29	Aug 13	Jun 29
Cetus	The Whale	-04°	Jan 15	Nov 29	Oct 15	Aug 29	Jul 15
Chamaeleon	None	-79°	Jun 01	Apr 15	Mar 01	Jan 15	Dec 01
Circinus	The Compasses	-60°	Jul 30	Jun 14	Apr 30	Mar 14	Jan 30
Columba	The Dove	-37°	Mar 18	Feb 01	Dec 18	Nov 01	Sep 18
Coma Berenices	Berenice's Hair	+23°	Jul 02	May 17	Apr 02	Feb 17	Jan 02
Corona Australis	Southern Crown	-40°	Sep 30	Aug 14	Jun 30	May 14	Mar 30
Corona Borealis	Northern Crown	+32°	Aug 19	Jul 03	May 19	Apr 03	Feb 19
Corvus	The Crow	-18°	Jun 28	May 12	Mar 28	Feb 12	Dec 28
Crater	The Cup	-14°	Jun 12	Apr 26	Mar 12	Jan 26	Dec 12

Crux	Southern Cross	-61°	Jun 28	May 12	Mar 28	Feb 12	Dec 28
Cygnus	The Swan	+40°	Oct 30	Sep 13	Jul 30	Jun 13	Apr 30
Delphinus	The Dolphin	+10°	Oct 31	Sep 14	Jul 31	Jun 14	Apr 30
Dorado	The Goldfish	-64°	Mar 17	Jan 31	Dec 17	Oct 31	Sep 17
Draco	The Dragon	+63°	Aug 24	Jul 08	May 24	Apr 08	Feb 24
Equuleus	Little Horse	+04°	Nov 08	Sep 22	Aug 08	Jun 22	May 08
Eridanus	The River	-15°	Feb 10	Dec 25	Nov 10	Sep 25	Aug 10
Fornax	The Furnace	-32°	Feb 02	Dec 17	Nov 02	Sep 17	Aug 02
Gemini	The Twins	+19°	Apr 05	Feb 19	Jan 05	Nov 19	Oct 05
Grus	The Crane	-42°	Nov 28	Oct 12	Aug 28	Jul 12	May 28
Hercules	None	+36°	Sep 13	Jul 28	Jun 13	Apr 28	Mar 13
Horologium	Pendulum Clock	-52°	Feb 10	Dec 25	Nov 10	Sep 10	Jul 25
Hydra	Water Snake	-20°	Jun 15	Apr 29	Mar 15	Jan 29	Dec 15
Hydrus	Lesser Snake	-70°	Jan 26	Dec 10	Oct 26	Sep 10	Jul 26
Indus	The Indian	-56°	Nov 12	Sep 26	Aug 12	Jun 26	May 12
Lacerta	The Lizard	+46°	Nov 28	Oct 12	Aug 28	Jul 12	May 28
Leo	The Lion	+17°	Jun 01	Apr 15	Mar 01	Jan 15	Dec 01
Leo Minor	Lesser Lion	+37°	May 23	Apr 09	Feb 23	Jan 09	Nov 23
Lepus	The Hare	-17°	Feb 14	Jan 28	Dec 14	Oct 28	Sep 14
Libra	The Scales	-11°	Aug 09	Jun 23	May 09	Mar 23	Feb 09
Lupus	The Wolf	-36°	Aug 09	Jun 23	May 09	Mar 23	Feb 09

Lynx	None	+51°	Apr 19	Mar 05	Jan 19	Dec 05	Nov 19
Lyra	The Harp	+33°	Oct 04	Aug 18	Jul 04	May 18	Apr 04
Mensa	Table Mountain	-76°	Mar 14	Jan 28	Dec 14	Oct 28	Sep 14
Microscopium	The Microscope	-34°	Nov 04	Sep 18	Aug 04	Jun 18	May 04
Monoceros	The Unicorn	-06°	Apr 05	Feb 19	Jan 05	Nov 19	Oct 05
Musca Australis	The Fly	-70°	Jun 30	May 14	Mar 30	Feb 14	Dec 30
Norma	The Level	-51°	Aug 19	Jul 03	May 19	Apr 03	Feb 19
Octans	The Octant	-87°	Oct 15	Aug 29	Jul 15	May 29	Apr 15
Ophiuchus	Serpent Holder	00°	Sep 11	Jul 26	Jun 11	Apr 26	Mar 11
Orion	The Hunter	00°	Mar 13	Jan 27	Dec 13	Oct 27	Sep 13
Pavo	The Peacock	-61°	Oct 15	Aug 29	Jul 15	May 29	Apr 15
Pegasus	Winged Horse	+19°	Dec 01	Oct 16	Sep 01	Jul 16	Jun 01
Perseus	The Hero	+45°	Feb 07	Dec 22	Nov 07	Sep 22	Aug 07
Phoenix	The Phoenix	-47°	Jan 04	Nov 18	Oct 04	Aug 18	Jul 04
Pictor	Painter's Easel	-53°	Feb 16	Jan 30	Dec 16	Oct 30	Sep 16
Pisces	The Fish	+12°	Dec 27	Nov 11	Sep 27	Aug 11	Jun 27
Piscis Austrinus	Southern Fish	-30°	Nov 25	Oct 09	Aug 25	Jul 09	May 25
Puppis	The Stern	-31°	Apr 08	Feb 22	Jan 08	Nov 22	Oct 08
Pyxis	The Compass	-31°	May 04	Mar 21	Feb 04	Dec 21	Nov 04
Reticulum	The Reticle	-59°	Feb 19	Jan 03	Nov 19	Oct 03	Aug 19
Sagitta	The Arrow	+19°	Oct 16	Aug 30	Jul 16	May 30	Apr 16

Sagittarius	The Archer	-30°	Sep 08	July 23	Jun 08	Apr 23	Mar 08
Scorpius	The Scorpion	-32°	Sep 03	Jul 18	Jun 03	Apr 18	Mar 03
Sculptor	The Sculptor	-32°	Dec 26	Nov 10	Sep 26	Aug 10	Jun 26
Scutum	The Shield	-09°	Oct 01	Aug 15	Jul 01	May 15	Apr 01
Serpens	The Serpent	+11°	Sep 06	Jul 21	Jun 06	Apr 21	Mar 06
Sextans	The Sextant	+02°	May 22	Apr 08	Feb 22	Jan 08	Nov 22
Taurus	The Bull	+16°	Mar 02	Jan 14	Nov 30	Oct 14	Aug 30
Telescopium	The Telescope	-49°	Oct 10	Aug 24	Jul 10	May 24	Apr 10
Triangulum	The Triangle	+32°	Jan 23	Dec 07	Oct 23	Sep 07	Jul 23
Triangulum Aust	South Triangle	-66°	Aug 23	Jul 07	May 23	Apr 07	Feb 23
Tucana	The Toucan	-64°	Dec 17	Nov 01	Sep 17	Aug 01	Jun 17
Ursa Major	The Great Bear	+58°	Jun 11	Apr 25	Mar 11	Jan 25	Dec 11
Ursa Minor	Lesser Bear	+80°	Aug 13	Jun 27	May 13	Mar 27	Feb 13
Vela	The Sails	-47°	May 13	Mar 26	Feb 13	Dec 26	Nov 13
Virgo	The Virgin	00°	Jul 11	May 26	Apr 11	Feb 26	Jan 11
Volans	The Flying Fish	-66°	Apr 18	Mar 04	Jan 18	Dec 04	Oct 18
Vulpecula	The Fox	+27°	Oct 25	Sep 08	Jul 25	Jun 08	Apr 25

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Scutum

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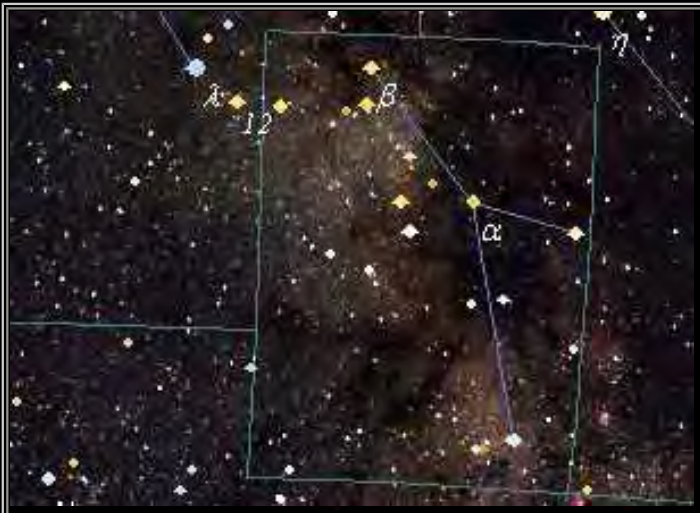

Scutum (THE SHEILD)

Messier Objects

Messier	NGC	Type	RA	DEC	Magnitude
11	6705	Open Cluster	18 51 54.0	+05 44 00	5.8
26	6694	Open Cluster	18 45 54.0	+08 36 00	8

NGC Objects

NGC	RA	DEC	Magnitude	Size (Min of Arc)
6625	18 23 12.0	-12 03 00	9	39
6631	18 27 12.0	-12 02 00	11.7	5
6639	18 30 07.0	-13 12 10		
6649	18 34 30.0	-10 24 00	8.9	6
6712	18 53 04.3	-08 42 22	8.1	4.3

Orion

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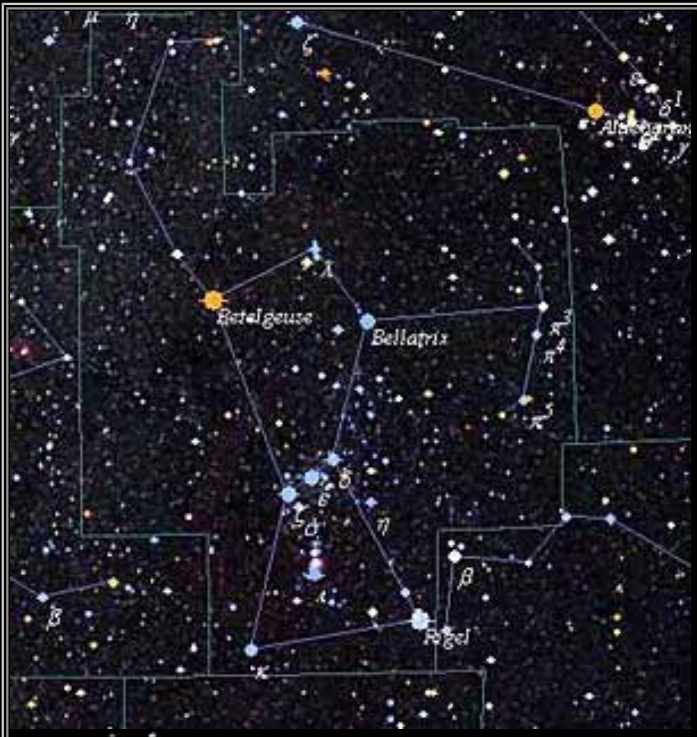


Orion (THE HUNTER)

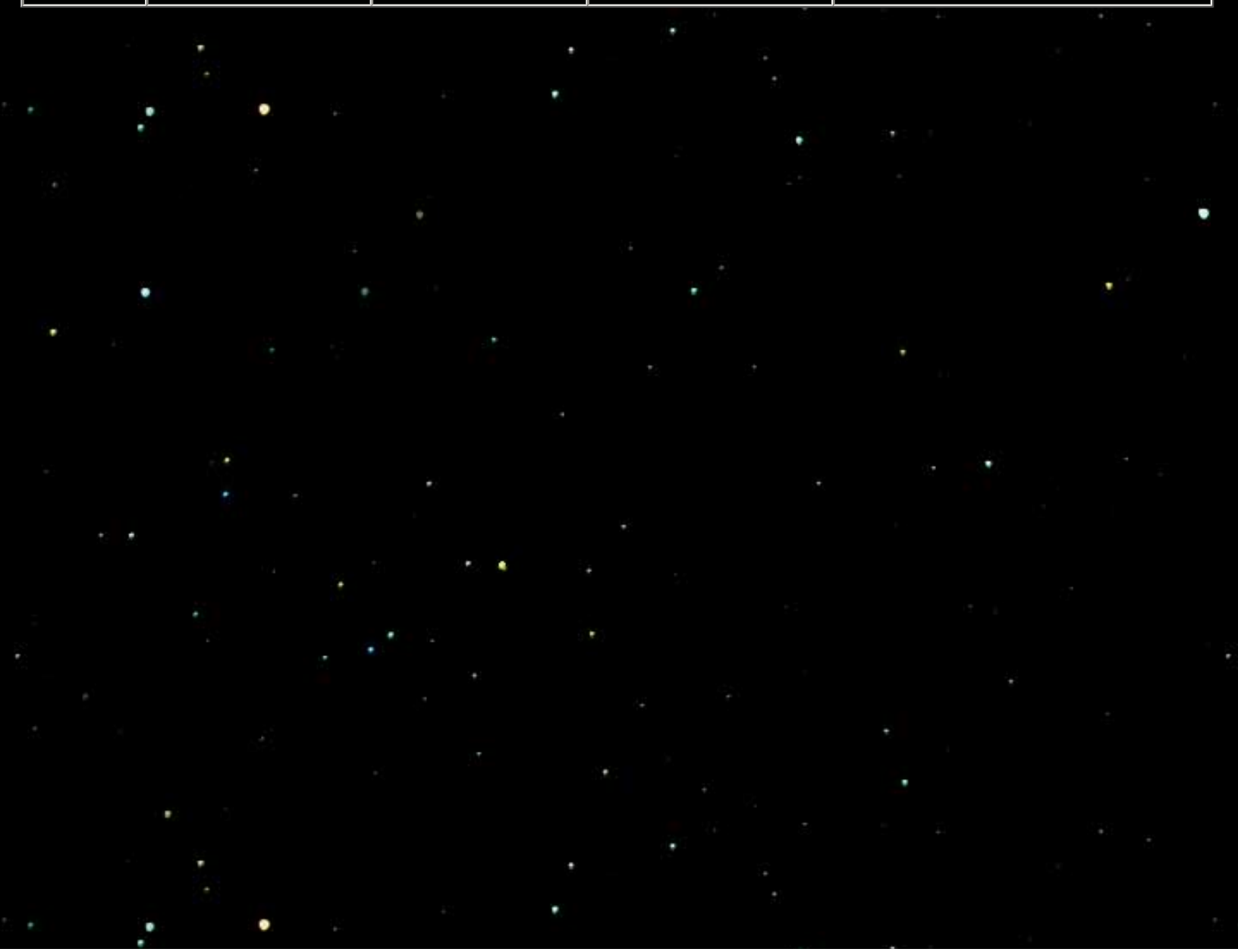
Messier Objects

Messier	NGC	Type	RA	DEC	Magnitude
42	1976	Diffuse Nebula	05 35 30.0	-05 28 00	4
43	1982	Diffuse Nebula	05 35 36.0	-05 16 00	9
78	2068	Diffuse Nebula	05 46 42.0	+00 03 00	8

NGC Objects

NGC	RA	DEC	Magnitude	Size (Min of Arc)
1661	04 47 07.7	-02 03 20	14.1	1.4
1662	04 49 30.0	+10 56 00	6.4	20
1663	04 49 36.0	+13 09 00		
1670	04 49 42.6	-02 45 41	13.8	2.1
1678	04 51 35.4	-02 37 24	14.3	1.1
1682	04 52 19.7	-03 06 21	14.4	0.8
1683	04 52 17.5	-03 01 29	16	1
1684	04 52 31.1	-03 06 22	12.5	2.4
1685	04 52 34.2	-02 57 01	14.5	1.3
1690	04 54 19.3	+01 38 24	15.1	1
1691	04 54 38.3	+03 16 02	13.1	1.7
1707	04 58 47.0	+08 12 20		
1709	04 58 44.0	-00 28 42	14.7	0.9
1713	04 58 54.7	-00 29 21	13.9	1.4
1717	04 59 30.1	-00 14 19		
1719	04 59 34.5	-00 15 40	14.5	1.1
1729	05 00 15.6	-03 21 13	13.1	1.7
1740	05 01 54.7	-03 17 47	14.2	1.5
1742	05 02 00.5	-03 17 16		
1753	05 02 32.2	-03 20 43	15.5	1.4
1762	05 03 37.0	+01 34 22	13.4	1.7
1788	05 06 30.0	-03 21 00		2
1819	05 11 46.0	+05 12 01	13.5	1.7
1843	05 14 06.1	-10 37 38	13.4	2.1
1875	05 21 45.7	+06 41 17	14.9	0.7
1924	05 28 01.9	-05 18 39	14.3	1.6
1973	05 35 06.0	-04 44 00		5
1975	05 35 24.0	-04 41 00		10
1977	05 36 30.0	+03 10 00		20
1980	05 35 24.0	-05 54 00		14
1981	05 35 18.0	+03 34 00	4.2	25
1990	05 34 30.0	-01 38 00		50
1999	05 36 24.0	-06 44 00		2
2022	05 42 06.3	+09 05 18	12.4	0.3
2023	05 41 30.0	-02 19 00		10
2024	05 41 54.0	-01 51 00		30
2039	05 44 09.0	+08 38 00		
2054	05 45 15.6	-10 05 00		
2063	05 46 45.0	+08 47 00		
2064	05 46 36.0	+00 01 00		10

2067	05 46 30.0	+00 06 00		8
2071	05 47 36.0	+00 13 00		7
2110	05 52 11.2	-07 27 25	13.2	1.7
2112	05 54 54.0	+00 23 00	9.1	11
2119	05 57 26.9	+11 56 54	14.6	1.2
2141	06 03 06.0	+10 26 00	9.4	10
2143	06 03 00.0	+05 43 00		
2169	06 08 24.0	+13 58 00	5.9	7
2174	06 09 42.0	+20 30 00		40
2175	06 10 48.0	+20 19 00	6.8	18
2180	06 09 36.0	+04 43 00		
2184	06 10 58.0	-03 30 50		
2186	06 12 12.0	+05 27 00	8.7	4
2194	06 14 48.0	+12 48 00	8.5	10
2195	06 14 33.9	+17 38 23		0.8
2202	06 16 48.0	+06 00 00		



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Andromeda

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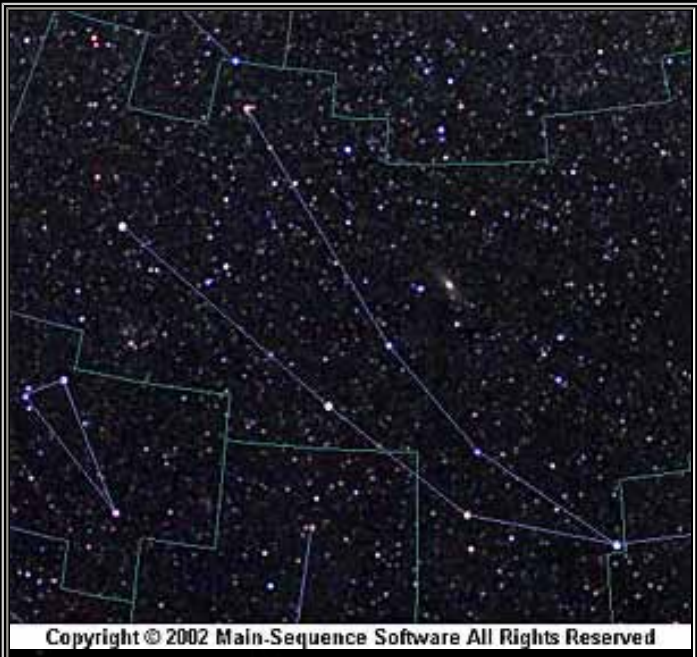

Andromeda (THE PRINCESS) hangs off the great square, which is part of Pegasus, and can be seen during the fall and winter in the Northern Hemisphere. Look east during October after sunset for the great square. Once you found it, there will be a two rows of stars going off to the left. Most of the stars are around 2nd or 3rd magnitude so you should be able to see Andromeda in the city. The great Andromeda Galaxy (M31) can be seen in this constellation and is about 4th magnitude. This is the closest galaxy outside of the local group and is about 2 million light years away. There are two near by galaxies known as M32 and M110. The constellation is home to lots of faint galaxies, a nice planetary nebula, and NGC 891, another galaxy. This galaxy is is much fainter and smaller than M31 but has a nice dust lane in the middle of it.

Messier Objects

Messier	NGC	Type	RA	DEC	Magnitude
31	224	Galaxy	00 42 44.3	+41 16 06	4.3
32	221	Galaxy	00 42 41.8	+40 51 55	9.1
110	205	Galaxy	00 40 22.1	+41 41 05	8.9

NGC Objects

NGC	RA	DEC	Magnitude	Size (Min of Arc)
5	00 07 48.8	+35 21 44	14.8	1.2
6	00 09 32.6	+33 18 30	14.1	0
11	00 08 42.3	+37 26 51	14.6	1.5
13	00 08 47.7	+33 25 57	14.1	2.3
19	00 10 40.8	+32 58 56	1	1
20	00 09 32.6	+33 18 30	14.1	1.7
21	00 10 47.0	+33 21 05	13.6	1.5
27	00 10 32.7	+28 59 47	14.5	1.2
29	00 10 47.0	+33 21 05	13.6	1.5
39	00 12 18.8	+31 03 37	14.3	1.1
43	00 13 00.9	+30 54 54	13.7	1.6
44	00 13 13.4	+31 17 10	0	0
48	00 14 02.1	+48 14 04	14.7	1.6
49	00 14 22.4	+48 14 48	15.1	1.1
51	00 14 34.8	+48 15 20	14.2	1.7
67	00 18 14.9	+30 03 46	15.8	0.3
68	00 18 18.2	+30 04 19	14.2	1.2
69	00 18 20.4	+30 02 24	15.7	0.5
70	00 18 22.4	+30 04 42	14.2	1.6
71	00 18 23.5	+30 03 45	14.3	1.5
72	00 18 28.4	+30 02 24	14.6	1.1
74	00 18 49.5	+30 03 39	15.5	0.8
76	00 19 37.7	+29 56 01	14	1
79	00 21 02.8	+22 34 00	15.6	0.5
80	00 21 10.9	+22 21 26	13.2	2.2
81	00 21 13.2	+22 22 58	16.4	0.2
82	00 21 17.6	+22 27 38	0	0
83	00 21 22.6	+22 26 01	13.6	1.3
84	00 21 33.6	+22 35 32	16	0.8
85	00 21 25.5	+22 30 42	16	0.5
86	00 21 28.6	+22 33 21	15	0.7

90	00 21 51.7	+22 24 01	0	0
91	00 21 51.7	+22 22 06	13.6	3
93	00 22 03.4	+22 24 30	14.4	1.4
96	00 22 17.8	+22 32 46	14.9	0.7
97	00 22 30.0	+29 44 42	13.4	1.5
108	00 25 59.7	+29 12 41	13.1	2
109	00 26 14.6	+21 48 26	15.7	1.1
112	00 26 48.8	+31 42 08	14.5	1
140	00 31 20.4	+30 47 29	14	1.5
149	00 33 50.2	+30 43 23	14.8	1.2
160	00 36 04.1	+23 57 27	13.5	2.9
162	00 36 09.2	+23 57 42		
169	00 36 51.7	+23 59 25	13.2	2.9
181	00 38 23.3	+29 28 22	15.5	0.7
183	00 38 29.3	+29 30 40	13.6	2.1
184	00 38 35.8	+29 26 49	15.6	0.7
206	00 40 36.0	+40 44 00		
214	00 41 28.0	+25 29 56	13	1.9
218	00 41 44.7	+36 21 31	15.2	1.1
226	00 42 53.9	+32 34 47	14.4	0.9
228	00 42 54.5	+23 30 10	14.7	1.2
229	00 43 04.7	+23 30 32	14.7	1
233	00 43 36.5	+30 35 11	13.5	1.7
243	00 46 00.7	+29 57 33	14.6	0.9
252	00 48 01.7	+27 37 22	13.4	1.4
258	00 48 12.7	+27 39 26	15.5	0.5
260	00 48 34.9	+27 41 29	14.3	0.8
262	00 48 47.1	+31 57 25	15.4	1.1
266	00 49 47.8	+32 16 37	12.6	2.9
272	00 51 24.0	+35 50 00		
280	00 52 30.2	+24 21 01	14.3	1.7
304	00 56 06.0	+24 07 36	14	1.1
389	01 08 29.8	+39 41 40	14.9	1.3
393	01 08 36.9	+39 38 36	13.4	1.7
404	01 09 26.9	+35 43 04	11.2	3.9
425	01 13 02.7	+38 46 07	13.6	1
431	01 14 04.6	+33 42 17	13.9	1.4
464	01 19 06.3	+34 56 48	16.3	0.4
477	01 21 20.3	+40 29 17	13.8	2.2
512	01 23 59.8	+33 54 24	14.1	1.6
513	01 24 26.9	+33 47 54	13.6	0.7

523	01 25 20.7	+34 01 29	13.5	2.5
528	01 25 33.6	+33 40 12	13.6	1.7
529	01 25 40.2	+34 42 45	13.2	2.4
531	01 26 18.8	+34 45 13	14.9	1.8
536	01 26 21.6	+34 42 10	13.2	3
542	01 26 30.9	+34 40 32	15.5	1
551	01 27 40.6	+37 10 57	13.5	1.8
561	01 28 18.7	+34 18 28	13.9	1.6
562	01 28 29.3	+48 23 11	14.3	1.3
573	01 30 49.3	+41 15 24	13.7	0.4
590	01 33 40.7	+44 55 43	13.9	2.6
591	01 33 31.1	+35 40 04	13.9	1.3
605	01 35 02.3	+41 14 50	14	2.2
620	01 36 59.6	+42 19 20	13.9	1
662	01 44 35.5	+37 41 45	14.4	0.8
668	01 46 22.6	+36 27 34	13.7	1.8
679	01 49 43.7	+35 47 08	13.3	2.1
687	01 50 33.2	+36 22 13	13.3	1.4
700	01 52 12.6	+36 05 51	15.6	1.2
703	01 52 39.6	+36 10 18	14.3	1.2
705	01 52 41.6	+36 08 38	14.6	1.2
708	01 52 46.4	+36 09 06	12.9	3
709	01 52 50.6	+36 13 21	15.2	0.4
710	01 52 54.0	+36 03 10	14.2	1.3
712	01 53 08.4	+36 49 09	13.8	1.3
714	01 53 29.6	+36 13 15	14.1	1.5
717	01 53 55.0	+36 13 45	14.9	1.3
721	01 54 45.4	+39 22 57	14.1	1.7
732	01 56 27.7	+36 48 06	14.6	1.4
746	01 57 51.0	+44 55 04	13.6	1.9
752	01 58 48.0	+37 41 00	5.7	50
753	01 57 42.4	+35 54 55	13	2.5
759	01 57 50.3	+36 20 33	13.8	1.8
797	02 03 27.9	+38 07 01	14.1	1.6
801	02 03 44.9	+38 15 32	13.9	3.1
812	02 06 41.8	+44 34 14	12.4	9.3
818	02 08 44.4	+38 46 36	13.2	2.9
828	02 10 09.5	+39 11 26	13.1	2.9
834	02 11 01.2	+37 39 56	13.8	1.1
841	02 11 17.4	+37 29 49	13.4	1.8
845	02 12 19.7	+37 28 37	14.4	1.7

846	02 12 12.1	+44 34 03	13.1	1.9
847	02 12 12.1	+44 34 03	13.1	1.9
891	02 22 33.0	+42 20 48	10.9	13.1
898	02 23 20.2	+41 57 04	13.9	1.8
906	02 25 16.2	+42 05 23	13.8	1.8
909	02 25 22.7	+42 02 08	14.7	0.9
910	02 25 26.8	+41 49 25	13.2	2
911	02 25 42.4	+41 57 22	13.8	1.7
912	02 25 42.7	+41 46 39	14.9	0.9
913	02 25 44.8	+41 47 55	15.8	0.5
914	02 26 05.1	+42 08 39	13.7	1.8
920	02 27 51.9	+45 56 47	15.2	1.5
923	02 27 34.6	+41 58 39	14.5	0.8
933	02 29 17.4	+45 54 41	15.1	1.3
937	02 29 28.1	+42 14 57	14.9	1.1
946	02 30 38.4	+42 13 57	14.7	1.5
956	02 32 24.0	+44 39 00	8.9	8
980	02 35 24.8	+40 52 08	13.4	1.5
982	02 35 18.5	+40 55 35	14.1	1.7
995	02 38 31.9	+41 31 42	14.5	1.7
996	02 38 39.6	+41 38 48	14.1	1.4
999	02 38 47.4	+41 40 14	15.2	0.9
1000	02 38 49.7	+41 27 35	15.3	0.8
7440	22 58 32.5	+35 48 09	15.4	1.4
7445	22 59 22.4	+39 06 27	15.6	0.7
7446	22 59 28.9	+39 04 58	15.2	0.8
7449	22 59 37.6	+39 08 43	15.1	1
7618	23 19 47.3	+42 51 08	14.1	1.2
7640	23 22 06.6	+40 50 40	11.8	10
7662	23 25 53.7	+42 32 06	9.2	0.2
7686	23 30 12.0	+49 08 00	5.6	15
7707	23 34 51.3	+44 18 15	14.6	1.3
7831	00 07 19.3	+32 36 31	13.6	1.5
7836	00 08 01.6	+33 04 15	13.7	0.9

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Aquila

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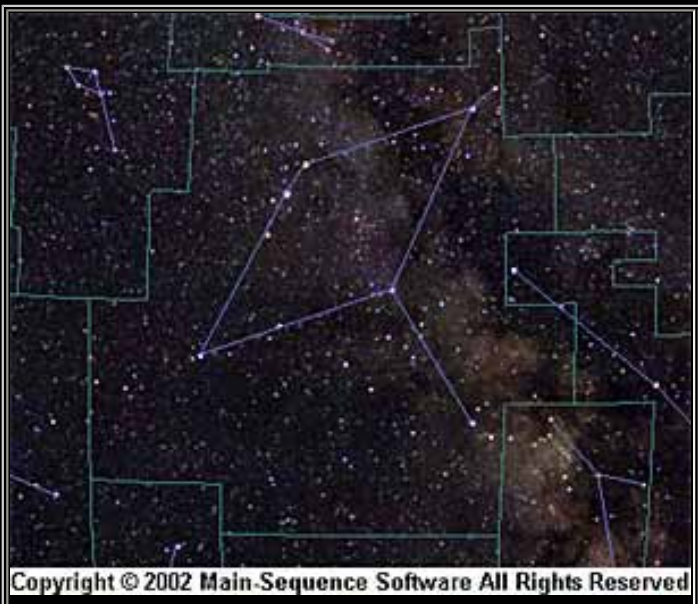


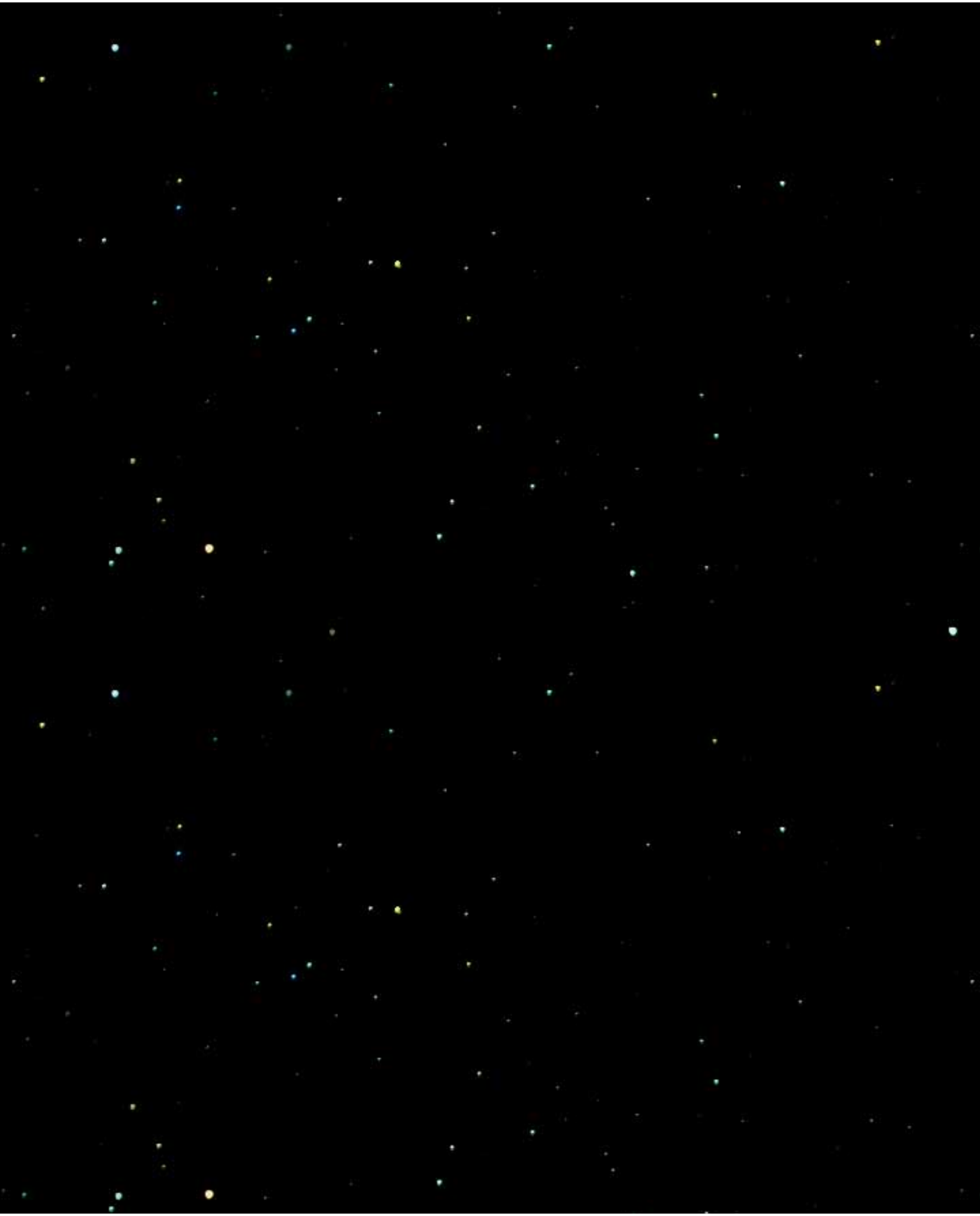
Aquila (THE EAGLE) sits in the rich Milky Way and can seen in the evening sky from June to September when it is high in the sky. The constellation contains one of the three stars that make up the summer triangle. Altair, which is twelfth brightest star, spins very rapidly completing one revolution every 6.5 hours. Aquila is the home of a nice planetary nebula called NGC 6781. This planetary is about the same size as the Ring Nebula and looks like a crescent moon in the brighter part of the nebula. Another nice object ,a loose cluster called NGC 6709, has about 40 stars that make up the cluster and is about 2,500 light years away.

Messier Objects

No Messier Objects Found

NGC Objects

NGC	RA	DEC	Magnitude	Size (Min of Arc)
6709	18 52 30.0	+10 21 00	6.7	13
6728	19 00 06.0	-08 56 00		
6735	19 00 48.0	-00 28 00		
6738	19 01 24.0	+11 36 00	8.3	15
6741	19 03 36.2	-00 26 47	10.8	0.1
6749	19 05 15.3	+01 54 03	12.4	6.3
6751	19 05 55.5	-05 59 28	12.5	0.33
6755	19 08 48.0	+04 14 00	7.5	15
6756	19 09 42.0	+04 41 00	10.6	4
6760	19 11 12.1	+01 01 50	8.9	2.4
6772	19 14 37.2	-02 42 20	14.2	1.03
6773	19 15 03.0	+04 53 00		
6775	19 16 54.0	-00 54 50		
6778	19 18 24.9	-01 35 53	13.3	0.27
6781	19 19 28.4	+06 32 17	11.8	1.82
6790	19 22 56.6	+01 30 52	10.2	0.12
6795	19 26 15.0	+03 31 00		
6803	19 31 16.3	+10 03 24	11.3	0.1
6804	19 31 35.7	+09 13 38	12.2	0.52
6807	19 34 33.0	+05 41 09	13.8	0.25
6814	19 42 40.5	-10 19 30	12.1	3.5
6821	19 44 24.2	-06 50 06	13.6	1.3
6828	19 50 18.0	+07 56 30		
6837	19 54 30.0	+11 41 00		3
6840	19 55 18.0	+12 07 40		
6843	19 56 06.0	+12 09 50		
6852	20 00 39.6	+01 43 42	11.4	0.47
6858	20 02 54.0	+11 15 30		5
6859	20 03 49.1	+00 26 36		
6863	20 05 07.0	-03 30 30		
6865	20 05 56.4	-09 02 28	15.7	0.7
6900	20 21 35.1	-02 34 13	13.1	1
6901	20 22 21.6	+06 25 45	14.8	1.1
6906	20 23 34.0	+06 26 38	13.2	1.6
6915	20 27 46.0	-03 04 38	14.2	1.5
6922	20 29 52.8	-02 11 32	14.1	1.3
6926	20 33 05.9	-02 01 46	13.2	2
6929	20 33 21.6	-02 02 14	15.1	0.8
6941	20 36 23.5	-04 37 10	13.5	2



Corona Australis

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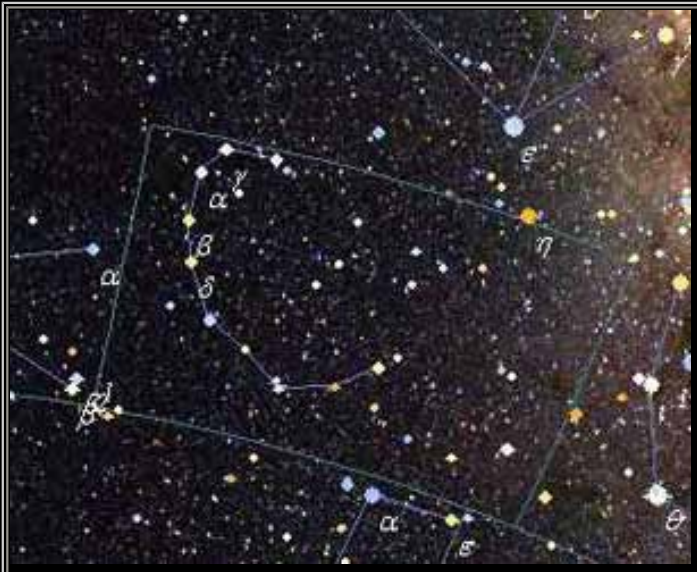

Corona Australis (SOUTHERN CROWN)

Messier Objects

No Messier Objects Found

NGC Objects

NGC	RA	DEC	Magnitude	Size (Min of Arc)
6541	18 08 02.2	-43 42 20	6.3	13.1
6726	19 01 42.0	-36 53 00		80
6727	19 01 42.0	-36 52 00		80
6729	19 01 54.0	-36 57 00		25
6768	19 16 32.3	-40 12 32	12.2	1.7

Cygnus

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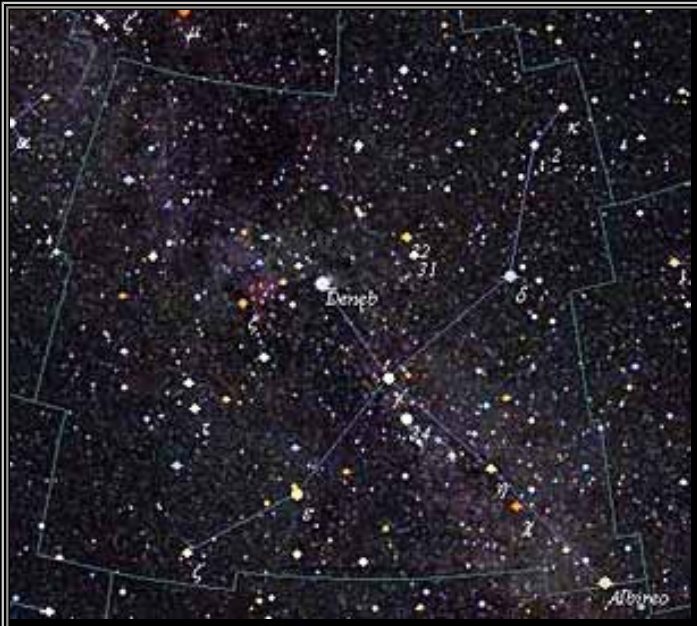


Cygnus (THE SWAN)

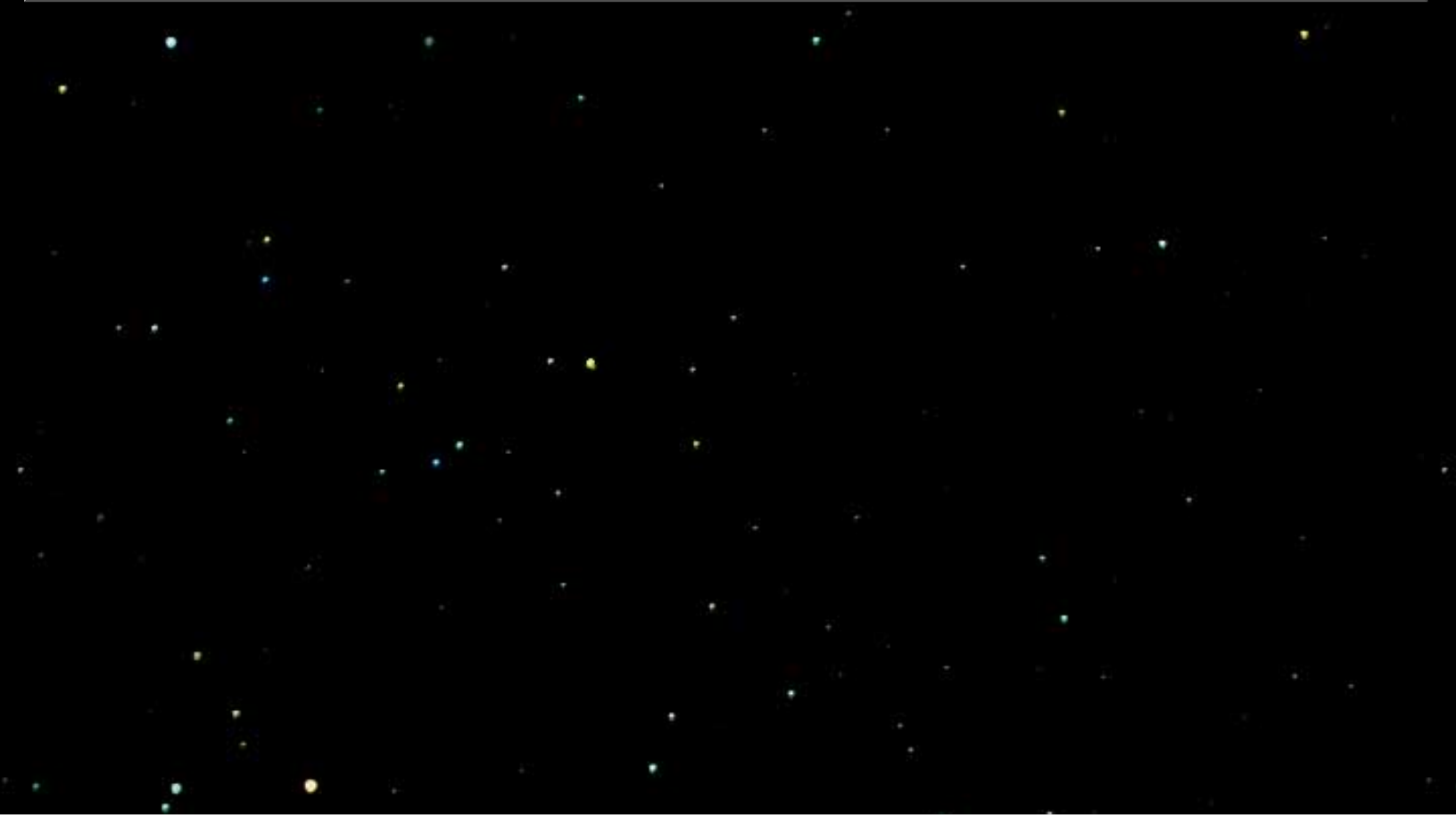
Messier Objects

Messier	NGC	Type	RA	DEC	Magnitude
29	6913	Open Cluster	20 24 54.0	+38 32 00	6.6
39	7092	Open Cluster	21 32 12.0	+48 26 00	4.6

NGC Objects

NGC	RA	DEC	Magnitude	Size (Min of Arc)
6764	19 08 16.6	+50 55 57	12.7	2.2
6783	19 16 47.5	+46 01 03	15.3	0.4
6798	19 24 03.1	+53 37 26	14.2	1.6
6801	19 27 35.9	+54 22 19	14.6	1.3
6811	19 38 12.0	+46 34 00	6.8	13
6819	19 41 18.0	+40 11 00	7.3	5
6824	19 43 40.5	+56 06 30	13	1.9
6826	19 44 48.1	+50 31 31	9.8	0.42
6833	19 49 46.5	+48 57 40	13.8	0.02
6834	19 52 12.0	+29 25 00	7.8	5
6846	19 56 24.0	+30 21 00	14.2	2
6856	19 59 18.0	+56 07 30		3
6857	20 02 48.0	+33 31 25	11.4	0.63
6866	20 04 42.0	+44 00 00	7.6	7
6871	20 06 54.0	+35 47 00	5.2	20
6874	20 07 48.0	+38 14 00		
6881	20 11 50.7	+37 24 58	14.3	0.07
6883	20 11 18.0	+35 51 00	8	15
6884	20 10 23.6	+46 27 41	12.6	0.1
6888	20 12 48.0	+38 19 00		20
6894	20 16 23.8	+30 33 54	14.4	0.7
6896	20 18 03.6	+30 38 24		
6910	20 23 06.0	+40 47 00	7.4	8
6914	20 24 48.0	+42 19 00		3
6916	20 23 33.1	+58 20 37	14.9	1.8
6946	20 34 52.1	+60 09 10	9.7	11.2
6960	20 52 06.0	+31 11 00		210
6974	20 50 48.0	+31 52 00		
6979	20 51 00.0	+32 08 00		3
6989	20 54 06.0	+45 17 00		
6991	20 57 42.0	+47 25 00		5
6992	20 56 24.0	+31 43 00		60
6995	20 57 06.0	+31 13 00		12
6996	20 57 30.0	+44 38 00	10	7
6997	20 57 30.0	+44 38 00	10	7
7000	21 01 48.0	+44 12 00		120
7008	21 00 32.6	+54 32 29	13.3	1.38
7011	21 01 50.0	+47 21 15		
7013	21 03 33.6	+29 53 47	12.4	4.5
7024	21 06 10.0	+41 29 40		

7026	21 06 18.4	+47 51 08	12.7	0.35
7027	21 07 01.5	+42 14 10	10.4	0.25
7031	21 07 18.0	+50 50 00	9.1	5
7037	21 10 54.0	+33 45 50		
7039	21 11 12.0	+45 39 00	7.6	25
7044	21 13 00.0	+42 29 00	12	6
7048	21 14 15.1	+46 17 19	11.3	1.02
7050	21 15 16.0	+36 10 20		
7058	21 21 02.0	+50 50 00		
7062	21 23 12.0	+46 23 00	8.3	7
7063	21 25 30.0	+36 30 00	7	8
7067	21 24 12.0	+48 01 00	9.7	3
7071	21 26 40.0	+47 55 20		
7082	21 29 24.0	+47 05 00	7.2	25
7086	21 31 30.0	+51 35 00	8.4	9
7093	21 34 40.0	+46 00 55		
7114	21 41 40.9	+42 49 18		
7116	21 42 40.4	+28 56 46	14.3	1.1
7127	21 44 54.0	+54 37 00		2.8
7128	21 44 00.0	+53 43 00	9.7	3.1
7143	21 48 53.9	+29 57 24		
7150	21 50 23.0	+49 45 20		
7175	21 58 54.0	+54 50 00		



Hercules

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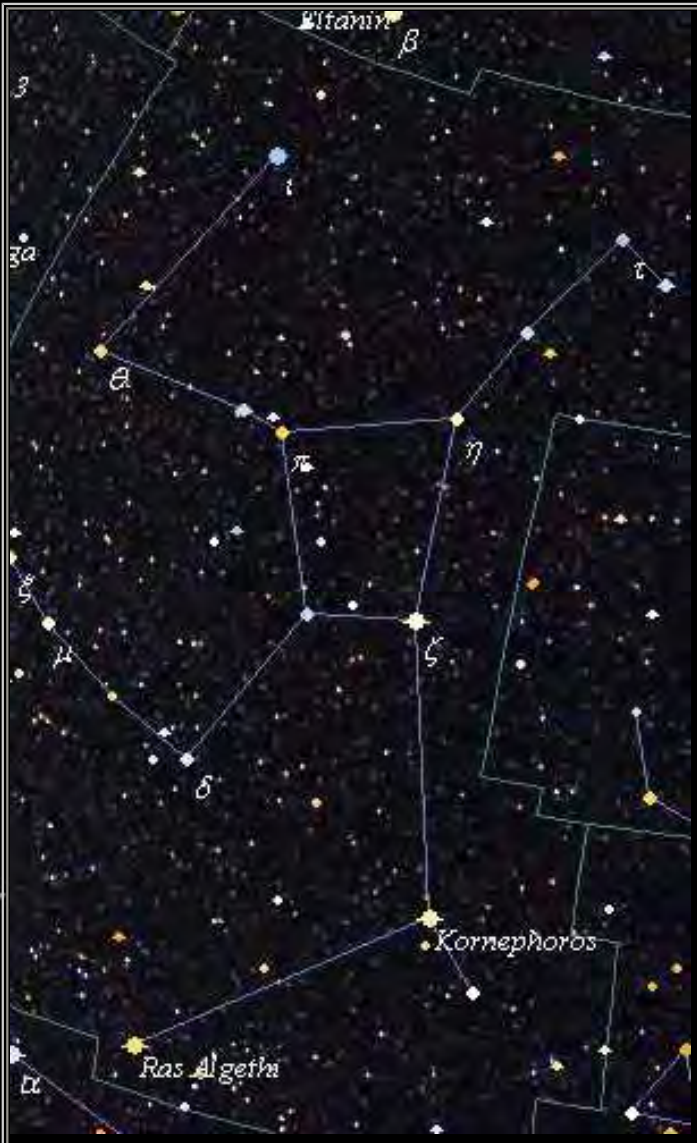


Hercules

Messier Objects

Messier	NGC	Type	RA	DEC	Magnitude
13	6205	Globular Cluster	16 41 41.5	+36 27 37	5.8
92	6341	Globular Cluster	17 17 07.3	+43 08 11	6.4

NGC Objects

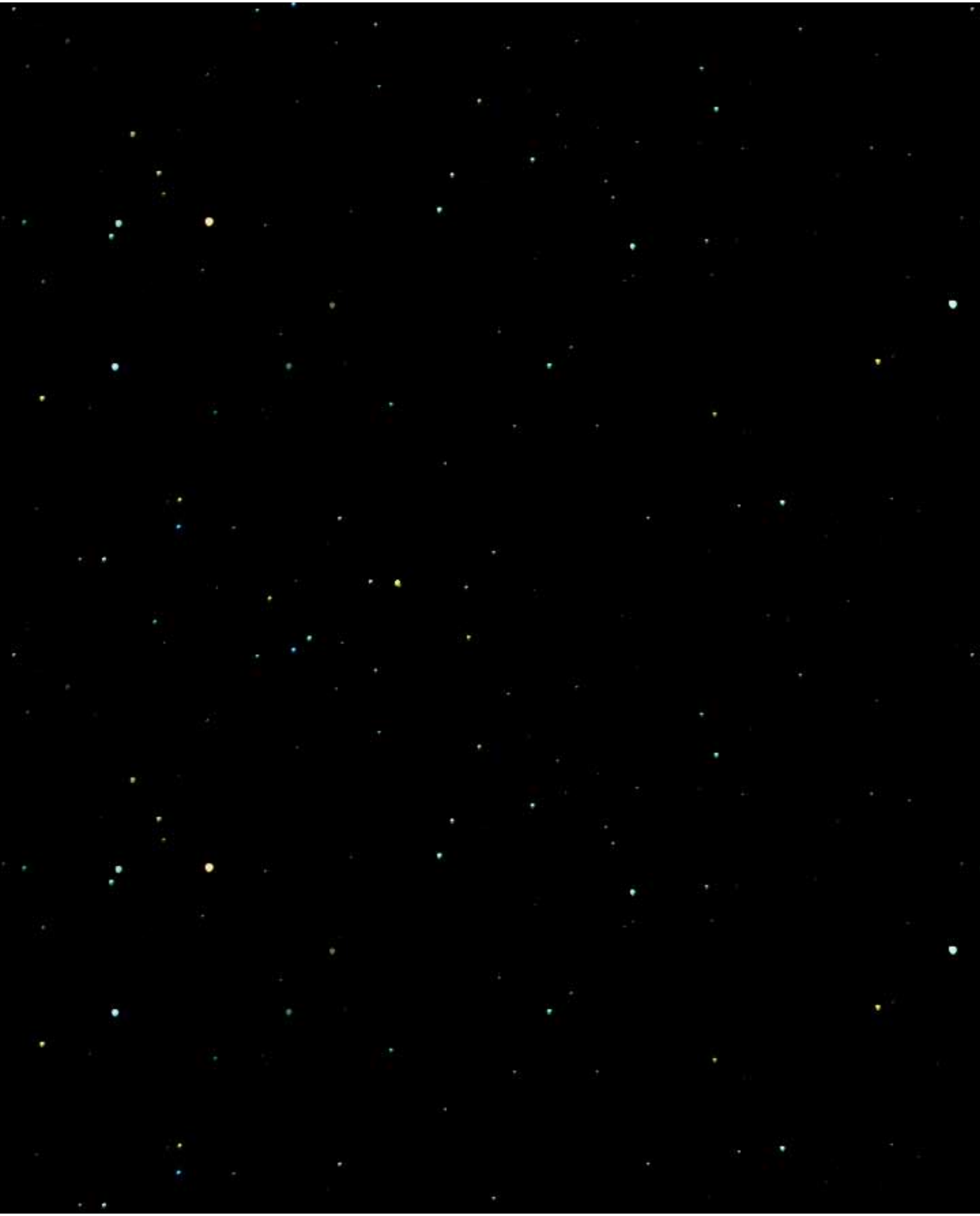
NGC	RA	DEC	Magnitude	Size (Min of Arc)
6013	15 52 52.9	+40 38 46	14.4	1.4
6028	16 01 29.1	+19 21 32	14.4	1.3
6030	16 01 51.3	+17 57 25	13.8	1.2
6032	16 03 01.1	+20 57 19	14.3	1.6
6034	16 03 32.0	+17 11 53	14.6	1
6035	16 03 24.1	+20 53 25	14.3	0.9
6039	16 04 26.5	+17 44 28	14.9	0.7
6040	16 04 26.6	+17 44 57	14.6	1.3
6042	16 04 39.6	+17 41 59	14.9	0.8
6043	16 05 01.5	+17 46 31	15.4	0.7
6044	16 04 59.6	+17 52 11	15.2	0.6
6045	16 05 08.0	+17 45 27	14.8	1.3
6047	16 05 09.0	+17 43 45	14.7	1.1
6050	16 05 23.5	+17 45 24	14.8	0.9
6054	16 05 30.6	+17 46 04	15.9	0.7
6055	16 05 32.7	+18 09 32	15	1
6056	16 05 31.1	+17 57 44	15	0.9
6057	16 05 39.5	+18 09 51	16.4	0.6
6058	16 04 25.4	+40 40 53	13.3	0.38
6060	16 05 52.2	+21 29 02	14.1	2
6061	16 06 16.1	+18 14 58	14.6	1
6062	16 06 22.9	+19 46 35	14.2	1.2
6073	16 10 10.9	+16 41 58	14.3	1.3
6075	16 11 25.6	+23 57 52	15.2	0.9
6078	16 12 05.4	+14 12 32	14.8	1
6081	16 12 56.8	+09 52 02	14.5	1.8
6083	16 13 12.6	+14 11 08	16.3	0.7
6084	16 14 16.6	+17 45 27	16	1
6098	16 15 34.0	+19 27 40	13.2	1.4
6099	16 15 35.5	+19 27 12	15.2	1.3
6106	16 18 47.0	+07 24 38	12.9	2.4
6113	16 19 10.6	+14 07 59	14.8	0.9

6132	16 23 38.7	+11 47 10	14.7	1.5
6138	16 24 54.1	+41 03 00	15	0.9
6141	16 25 05.8	+40 55 40	16	0.4
6145	16 25 02.4	+40 56 45	15.1	0.8
6146	16 25 10.2	+40 53 31	13.5	1.3
6147	16 25 01.6	+40 55 13	17	0.2
6148	16 27 04.0	+24 05 32	16.5	0.3
6149	16 27 24.3	+19 35 49	14.6	1.1
6150	16 25 49.9	+40 29 18	14.9	1
6154	16 25 30.6	+49 50 23	13.7	2.1
6155	16 26 08.3	+48 22 01	13.1	1.3
6158	16 27 40.9	+39 22 58	14.8	0.6
6159	16 27 25.1	+42 40 47	14.3	1.1
6160	16 27 41.1	+40 55 37	14.3	1.8
6161	16 28 20.6	+32 48 35	15.6	0.9
6162	16 28 22.3	+32 50 57	15.6	0.9
6163	16 28 27.8	+32 50 47	16.3	0.6
6166	16 28 38.5	+39 33 03	12.9	2.2
6168	16 31 21.3	+20 11 04	14.7	1.4
6173	16 29 45.0	+40 48 38	13.2	1.9
6177	16 30 38.8	+35 03 18	14.5	1.7
6179	16 30 46.9	+35 06 08	16.3	0.2
6180	16 30 33.9	+40 32 21	15.1	0.6
6181	16 32 20.7	+19 49 30	12.5	2.5
6184	16 31 34.4	+40 33 54	15.1	0.8
6185	16 33 17.8	+35 20 30	14.4	1.2
6186	16 34 25.4	+21 32 27	14	1.5
6194	16 36 37.0	+36 12 00	14.6	0.6
6195	16 36 32.6	+39 01 40	13.9	1.5
6196	16 37 53.8	+36 04 21	14	1.3
6197	16 37 59.8	+35 59 43	15.4	0.7
6199	16 38 40.9	+36 05 08		
6201	16 40 14.4	+23 45 53	15.5	0.4
6203	16 40 27.3	+23 46 29	15.4	0.9
6207	16 43 03.7	+36 49 53	12.1	3
6210	16 44 29.5	+23 48 01	9.3	0.23
6212	16 43 23.2	+39 48 24	15.1	0.6
6219	16 46 22.6	+09 02 16	15	0.8
6224	16 48 18.5	+06 18 42	14.8	0.9
6225	16 48 21.6	+06 13 21	14.9	0.9
6228	16 48 02.8	+26 12 44	15.1	1.1

6229	16 46 58.9	+47 31 40	9.4	3.8
6230	16 50 46.8	+04 36 14	15.5	0.8
6233	16 50 15.6	+23 34 47	15	1.4
6239	16 50 05.2	+42 44 21	12.9	2.4
6241	16 50 11.0	+45 25 14	14.8	0.8
6243	16 52 26.3	+23 19 56	15.1	1
6255	16 54 47.4	+36 30 04	13.5	3.6
6257	16 56 03.4	+39 38 44	15.6	0.8
6261	16 56 30.4	+27 58 39	15.4	1.2
6263	16 56 43.1	+27 49 19	15.1	0.9
6264	16 57 16.1	+27 50 56	15.5	0.7
6265	16 57 29.0	+27 50 39	15.5	0.8
6267	16 58 08.7	+22 59 05	14	1.3
6269	16 57 58.0	+27 51 16	14.3	2
6270	16 58 31.6	+27 35 07	15.3	0.7
6271	16 58 58.2	+27 55 49	15.8	0.5
6272	16 59 03.2	+27 54 55	16	0.4
6276	17 00 45.0	+23 02 38	15	0.6
6277	17 00 45.0	+23 02 38	15	0.6
6278	17 00 50.2	+23 00 38	13.6	2.1
6279	16 59 01.3	+47 14 14	14.9	1.1
6282	17 00 47.0	+29 49 11	15.2	0.7
6283	16 59 26.5	+49 55 17	13.7	1.1
6301	17 08 32.7	+42 20 19	14.2	2.3
6308	17 11 59.7	+23 22 44	14.3	1.1
6311	17 10 43.5	+41 39 02	14.6	1.1
6312	17 10 48.1	+42 17 15	14.9	0.7
6313	17 10 20.7	+48 19 52	14.7	1.3
6314	17 12 38.7	+23 16 12	14.3	1.6
6315	17 12 46.0	+23 13 23	14.2	1
6320	17 12 55.6	+40 16 00	14.7	1.2
6321	17 14 24.1	+20 18 47	14.4	1.1
6323	17 13 17.9	+43 46 54	14.8	1.1
6327	17 14 02.2	+43 38 54	16	0.2
6329	17 14 15.1	+43 41 04	13.9	1.8
6330	17 15 44.4	+29 24 13	15.1	1.5
6332	17 15 02.7	+43 39 35	14.5	1.2
6336	17 16 16.5	+43 49 13	14.5	0.9
6339	17 17 06.6	+40 50 40	13.4	2.9
6343	17 17 16.2	+41 03 08	14.5	1.1
6344	17 17 19.1	+42 26 56	16.5	0.3

6347	17 19 54.6	+16 39 36	14.5	1.2
6348	17 18 21.1	+41 38 51	15.2	0.7
6349	17 19 06.4	+36 03 39	15.2	0.8
6350	17 18 42.2	+41 41 38	14.2	1
6351	17 19 10.9	+36 03 34	16	0.6
6353	17 21 12.4	+15 41 16		
6363	17 22 39.9	+41 06 06	15.2	1.1
6364	17 24 27.3	+29 23 26	14.1	1.5
6367	17 25 08.9	+37 45 35	15.1	0.8
6371	17 27 20.6	+26 30 16	15.2	0.8
6372	17 27 31.9	+26 28 27	13.7	1.7
6375	17 29 21.8	+16 12 24	14.9	1.6
6379	17 30 35.0	+16 17 17	13.8	1.1
6389	17 32 39.7	+16 24 05	12.9	2.8
6406	17 38 19.2	+18 49 56		
6408	17 38 47.3	+18 52 40	15.6	1.6
6417	17 41 47.8	+23 40 16	14.2	1.4
6427	17 43 38.5	+25 29 36	14.4	1.6
6429	17 44 05.3	+25 21 01	14.2	1.8
6430	17 45 14.2	+18 08 18	14.8	1.9
6433	17 43 56.2	+36 48 00	14.1	2
6442	17 46 51.3	+20 45 40	14.4	1.8
6443	17 44 33.7	+48 06 50	14.7	1.2
6446	17 46 07.5	+35 34 08	15.6	0.3
6447	17 46 17.1	+35 34 18	13.7	1.6
6452	17 47 58.5	+20 50 13	15.3	0.6
6458	17 49 10.9	+20 48 15	15.1	1.3
6460	17 49 30.3	+20 45 49	15.5	1.9
6467	17 50 40.1	+17 32 16	15.9	2.6
6468	17 50 40.1	+17 32 16	15.9	2.6
6482	17 51 48.7	+23 04 20	12.3	2.1
6484	17 51 46.8	+24 28 57	13.3	1.9
6485	17 51 52.8	+31 27 41	14	1.5
6486	17 52 35.2	+29 49 05	15.1	0.8
6487	17 52 41.7	+29 50 17	13.2	1.9
6490	17 54 30.4	+18 22 33	14.9	1
6495	17 54 50.7	+18 19 37	14.3	2
6499	17 55 20.0	+18 21 32		
6500	17 55 59.7	+18 20 18	14.4	2.2
6501	17 56 03.7	+18 22 23	14.3	1.8
6504	17 56 05.6	+33 12 29	13.5	2.2

6513	17 59 34.3	+24 53 13	14.5	1.2
6518	17 59 43.6	+28 52 00	14.8	0.4
6524	17 59 14.8	+45 53 15	13.9	1.4
6527	18 01 46.2	+19 43 43	15.1	1.4
6547	18 05 10.0	+25 13 56	14.4	1.3
6548	18 05 59.2	+18 35 12	12.7	2.9
6549	18 05 49.4	+18 32 14	14.8	1.4
6550	18 05 59.2	+18 35 12	12.7	2.9
6555	18 07 49.0	+17 36 15	13	2.1
6560	18 05 13.8	+46 52 52	14.2	1.2
6571	18 10 49.3	+21 14 19	15.3	0.6
6574	18 11 51.2	+14 58 52	12.8	1.5
6575	18 10 57.5	+31 06 56	14	1.8
6576	18 11 47.9	+21 25 42	16	0.5
6577	18 12 01.1	+21 27 48	14.9	1.5
6579	18 12 31.8	+21 25 12	14.5	0.4
6580	18 12 33.7	+21 25 31	14.1	1.3
6581	18 12 47.5	+25 24 44	15.5	0.6
6582	18 10 29.1	+49 55 17	15.8	0.7
6585	18 12 21.9	+39 37 58	13.7	1.9
6586	18 13 38.4	+21 05 25	14.7	0.9
6587	18 13 50.8	+18 49 31	14.3	2
6591	18 14 03.7	+21 03 47	16.3	0.3
6593	18 14 03.5	+22 14 00	15.3	0.8
6599	18 15 42.9	+24 54 45	13.8	1.3
6602	18 16 34.2	+25 02 35	14.6	1
6616	18 17 41.0	+22 14 14	15	1.4
6619	18 18 55.5	+23 39 17	14.1	1.2
6627	18 22 38.9	+15 41 52	14.3	1.3
6628	18 22 21.7	+23 28 37	14.4	1.9
6632	18 25 03.1	+27 32 07	12.9	3
6635	18 27 37.0	+14 49 05	14.5	1
6641	18 28 57.3	+22 54 10	14.3	0.9
6658	18 33 55.7	+22 53 15	13.9	1.6
6659	18 33 54.0	+23 35 30		7
6660	18 34 36.7	+22 54 31	13.2	1.8
6661	18 34 36.9	+22 54 42	13.2	1.8
6669	18 37 54.8	+22 04 30	15.7	0.9
6674	18 38 33.9	+25 22 26	13	4.2
6680	18 39 44.0	+22 18 57	15.4	0.7
6697	18 45 14.9	+25 30 44	14.3	1.2



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Libra

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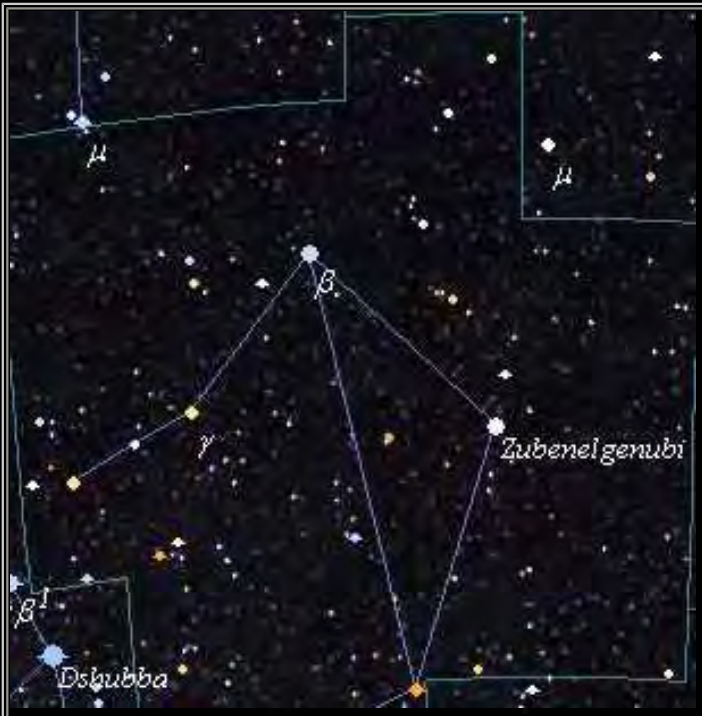


Libra (THE SCALES)

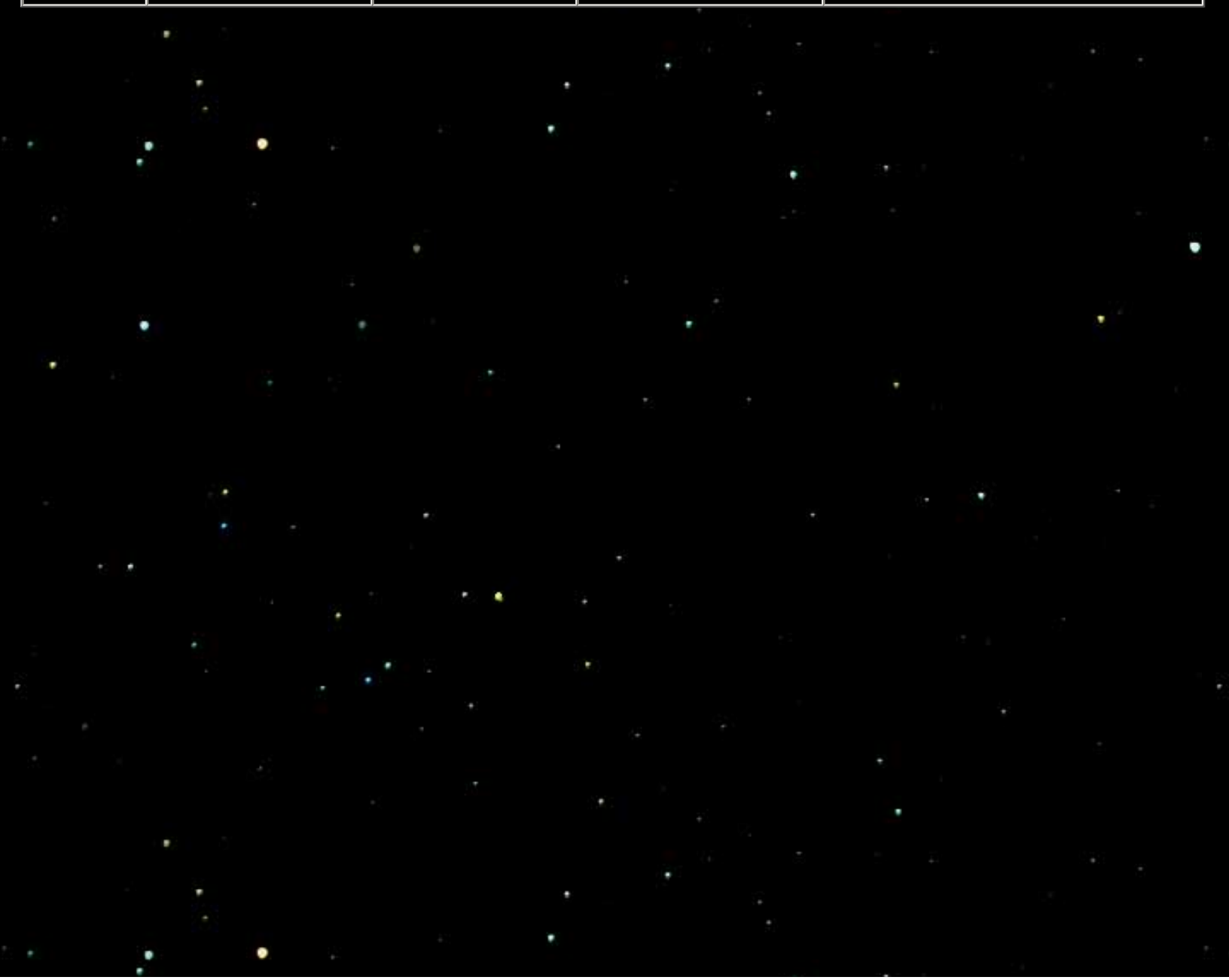
Messier Objects

No Messier Objects Found

NGC Objects

NGC	RA	DEC	Magnitude	Size (Min of Arc)
5595	14 24 13.3	-16 43 23	12.6	2.4
5597	14 24 27.4	-16 45 46	12.6	2.1
5605	14 25 07.5	-13 09 51	13	1.5
5663	14 33 56.2	-16 34 52	15.3	0.8
5664	14 33 43.7	-14 37 12	15	0.8
5716	14 41 05.5	-17 28 38	13.7	1.9
5726	14 42 56.1	-18 26 38	13.9	1.3
5728	14 42 24.0	-17 15 06	12.1	3.2
5729	14 42 06.9	-09 00 37	13.4	2.6
5734	14 45 09.3	-20 52 13	13.8	1.5
5741	14 45 51.6	-11 54 51	14.8	1
5742	14 45 36.8	-11 48 37	14.5	1.3
5743	14 45 10.4	-20 54 49	13.8	1.4
5744	14 46 38.4	-18 30 45	14.2	1
5756	14 47 33.7	-14 51 14	12.4	2.3
5757	14 47 46.0	-19 04 48	12.8	2.1
5761	14 49 08.2	-20 22 38	13.4	1.3
5766	14 53 09.5	-21 23 38	14.2	1.1
5768	14 52 07.9	-02 31 51	13.5	1.8
5781	14 56 41.1	-17 14 33	14.5	1.4
5791	14 58 46.0	-19 16 03	12.7	2.5
5792	14 58 22.6	-01 05 27	12.1	6.8
5793	14 59 24.7	-16 41 36	14.3	1.7
5796	14 59 24.0	-16 37 27	12.6	2.8
5801	15 00 25.9	-13 54 15	15.9	0.7
5802	15 00 29.9	-13 55 08	15.4	0.9
5803	15 00 34.4	-13 53 40	15.8	0.5
5809	15 00 52.2	-14 09 57	14.5	1.4
5810	15 02 42.9	-17 52 03	14	1.2
5812	15 00 55.7	-07 27 29	12.2	2.3
5815	15 00 29.1	-16 50 02	14.5	0.8
5817	14 59 40.8	-16 10 49	15.4	0.9
5849	15 06 50.6	-14 34 18	15.7	0.9
5858	15 08 49.1	-11 12 31	13.8	1.5
5861	15 09 16.2	-11 19 22	12.1	3
5863	15 10 48.3	-18 25 51	14.8	1.4
5872	15 10 55.6	-11 28 48	14.8	1.5
5877	15 12 53.1	-04 55 29		
5878	15 13 45.7	-14 16 15	12.5	3.2
5880	15 15 01.0	-14 34 44	15.3	0.6

5883	15 15 10.1	-14 37 01	14.6	0.9
5885	15 15 04.2	-10 05 11	12.1	3.9
5890	15 17 51.1	-17 35 21	14.8	1.6
5891	15 16 13.2	-11 29 40	15	0.8
5892	15 13 48.1	-15 27 50	15.8	3.6
5897	15 17 24.5	-21 00 37	8.5	8.7
5898	15 18 13.2	-24 05 49	12.4	2.6
5903	15 18 36.2	-24 04 06	12.2	3.2
5915	15 21 33.0	-13 05 32	12.7	1.6
5916	15 21 37.8	-13 10 11	14.2	2.3
5917	15 21 32.5	-07 22 41	14.5	1.6
5959	15 37 22.3	-16 35 45	14.6	2
5973	15 40 15.6	-08 36 05	16.1	0.9
5978	15 42 27.1	-13 14 04	15.9	0.8
5995	15 48 24.9	-13 45 28	14.5	0.9



Lyra

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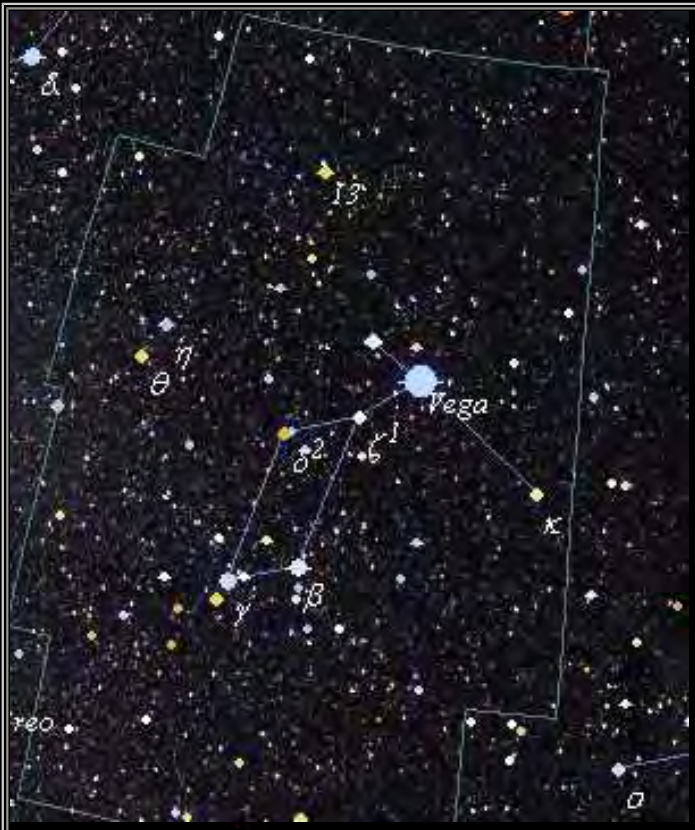


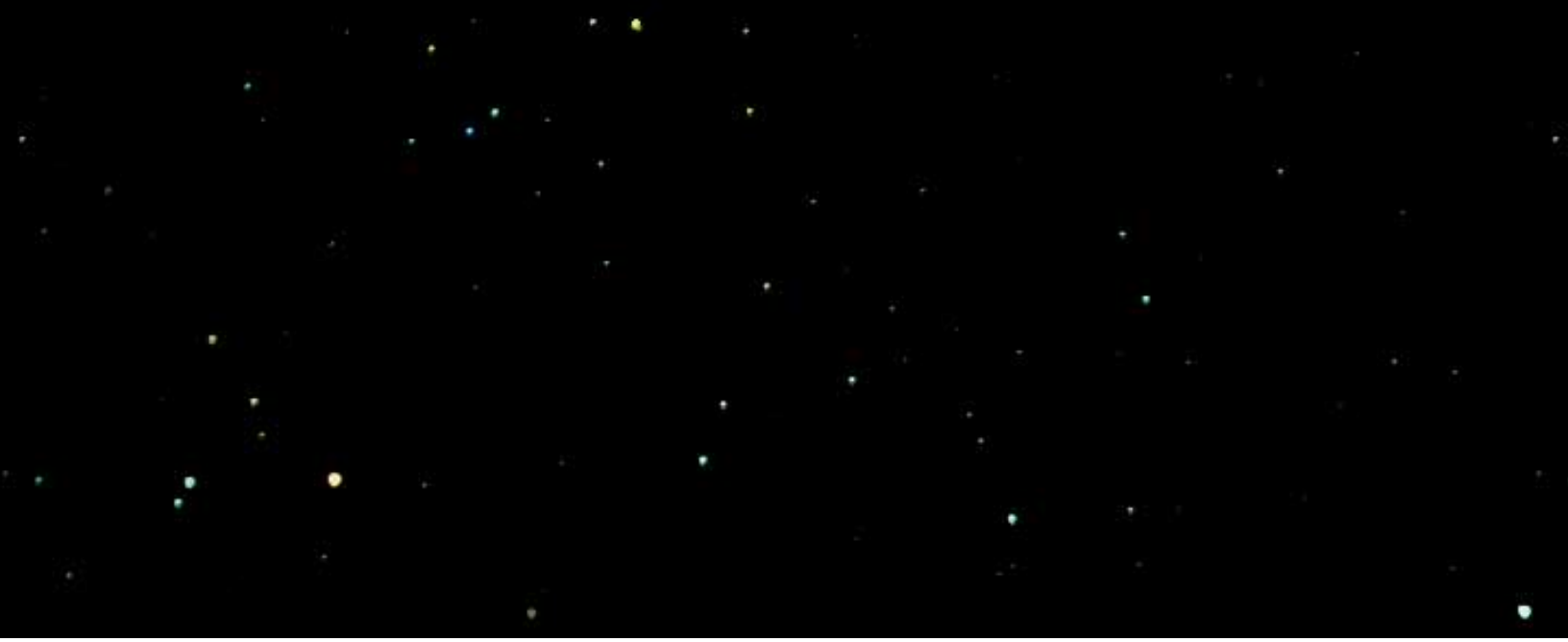
Lyra (THE HARP)

Messier Objects

Messier	NGC	Type	RA	DEC	Magnitude
56	6779	Globular Cluster	19 16 35.5	+30 11 05	8.3
57	6720	PL Nebula	18 54 35.7	+33 01 40	9.7

NGC Objects

NGC	RA	DEC	Magnitude	Size (Min of Arc)
6606	18 14 41.3	+43 16 05	14.4	0.9
6612	18 16 10.9	+36 04 43	15.5	0.7
6640	18 28 08.1	+34 18 07	14.2	1.1
6646	18 29 38.7	+39 51 52	13.6	1.2
6657	18 33 01.5	+34 03 37	14.4	0.7
6662	18 34 11.2	+32 03 51	14.8	1.6
6663	18 33 33.7	+40 02 55	14.6	1
6665	18 34 30.0	+30 43 13	14.6	1.1
6671	18 37 26.2	+26 25 01	13.7	1.5
6672	18 33 44.3	+42 48 03	14.9	0.3
6675	18 37 26.2	+40 03 26	13.3	1.8
6685	18 39 58.6	+39 58 54	14.4	1.1
6686	18 40 06.9	+40 08 15	14.8	0.9
6688	18 40 39.9	+36 17 20	13.6	1.7
6692	18 41 41.5	+34 50 37	14.2	1
6695	18 42 42.8	+40 22 00	14.3	1.1
6700	18 46 04.3	+32 16 44	14.1	1.4
6702	18 46 57.6	+45 42 20	13.3	1.9
6703	18 47 18.9	+45 33 01	12.3	2.7
6710	18 50 34.0	+26 50 17	14.2	1.7
6713	18 50 44.2	+33 57 35	14.4	0.4
6740	19 00 50.5	+28 46 14	15	0.9
6743	19 01 27.0	+29 17 15		
6765	19 11 07.2	+30 32 54	12	0.63
6767	19 11 34.0	+37 43 32		
6791	19 21 42.0	+37 51 00	9.5	16
6792	19 20 57.3	+43 07 54	13.3	2.2



Ophiuchus

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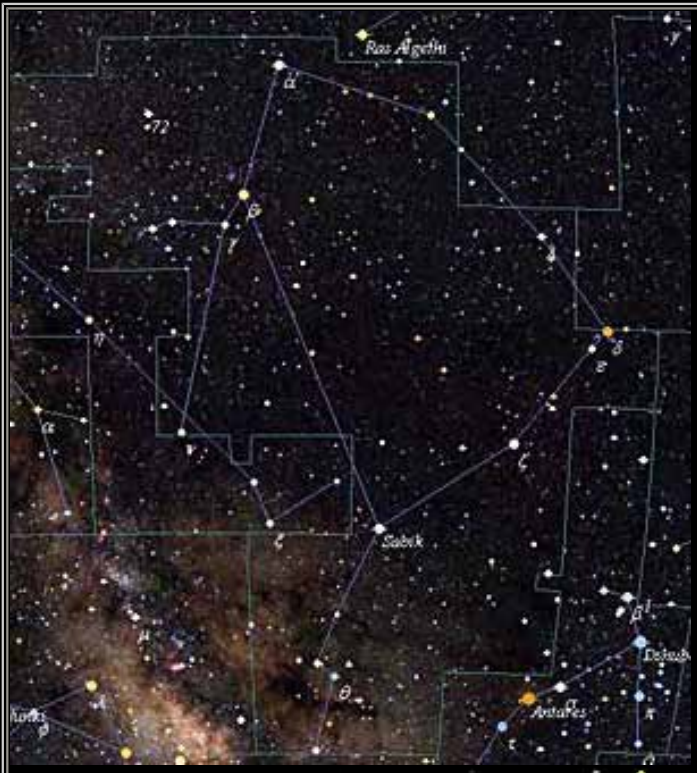

Ophiuchus (SERPENT HOLDER)

Messier Objects

Messier	NGC	Type	RA	DEC	Magnitude
9	6333	Globular Cluster	17 19 11.8	-18 30 59	7.7
10	6254	Globular Cluster	16 57 08.9	-04 05 58	6.6
12	6218	Globular Cluster	16 47 14.5	-01 56 52	6.7
14	6402	Globular Cluster	17 37 36.1	-03 14 45	7.6
19	6273	Globular Cluster	17 02 37.7	-26 16 05	6.8
62	6266	Globular Cluster	17 01 12.6	-30 06 44	6.5
107	6171	Globular Cluster	16 32 31.9	-13 03 13	7.9

NGC Objects

NGC	RA	DEC	Magnitude	Size (Min of Arc)
6220	16 47 13.2	-00 16 32	14.7	1.7
6234	16 51 57.2	+04 23 01	15.4	0.3
6235	16 53 25.4	-22 10 38	10	1.9
6240	16 52 58.8	+02 24 09	13.8	2.1
6284	17 04 28.8	-24 45 53	8.8	2.7
6287	17 05 09.4	-22 42 29	9.4	2.7
6293	17 10 10.4	-26 34 54	8.2	3.5
6294	17 10 12.0	-26 33 00		
6296	17 08 44.6	+03 53 38	14.3	0.9
6304	17 14 32.5	-29 27 44	8.2	3.8
6309	17 14 03.5	-12 54 37	10.8	0.27
6316	17 16 37.4	-28 08 24	8.4	2.4
6325	17 17 59.2	-23 45 57	10.3	1.6
6342	17 21 10.2	-19 35 14	9.7	1.3
6355	17 23 58.6	-26 21 13	9.1	6.1
6356	17 23 35.0	-17 48 47	8.3	3.5
6360	17 24 36.0	-29 53 00		
6366	17 27 44.3	-05 04 36	9.2	5.8
6368	17 27 11.4	+11 32 33	13.4	3.8
6369	17 29 20.7	-23 45 32	12.9	0.5
6378	17 30 41.8	+06 16 51	14.8	1.3
6384	17 32 24.2	+07 03 37	11.2	5.8
6401	17 38 36.9	-23 54 32	9.5	1
6413	17 40 40.7	+12 37 24		
6426	17 44 54.7	+03 10 13	11	2.2
6481	17 52 49.0	+04 10 00		
6509	17 59 25.3	+06 17 12	13.3	1.6
6517	18 01 50.6	-08 57 32	10.2	1
6525	18 02 06.0	+11 01 30		4
6539	18 04 49.8	-07 35 09	9.3	3.5
6570	18 11 07.3	+14 05 32	13.3	1.9
6572	18 12 06.2	+06 51 13	9	0.13
6615	18 18 33.4	+13 15 53	14.7	0.9
6633	18 28 42.0	+06 34 00	4.6	27
6664	18 36 24.0	+07 47 00	7.8	16

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Pavo

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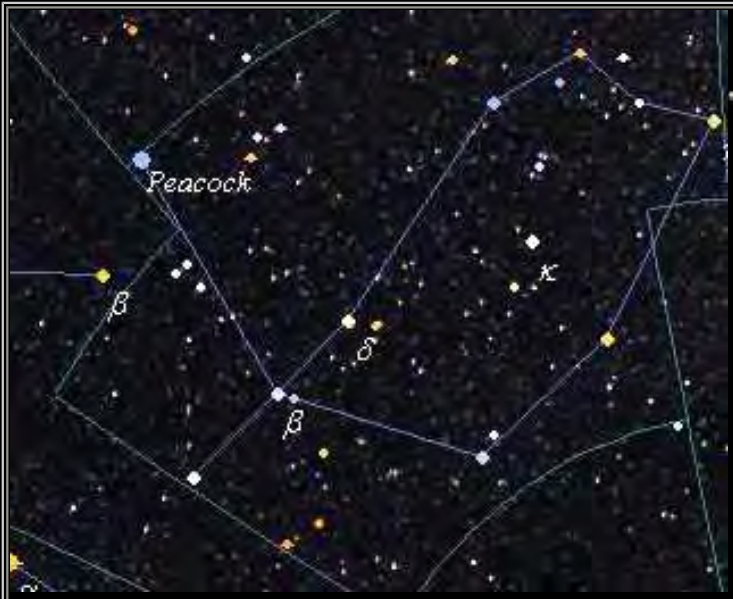


Pavo (THE PEACOCK)

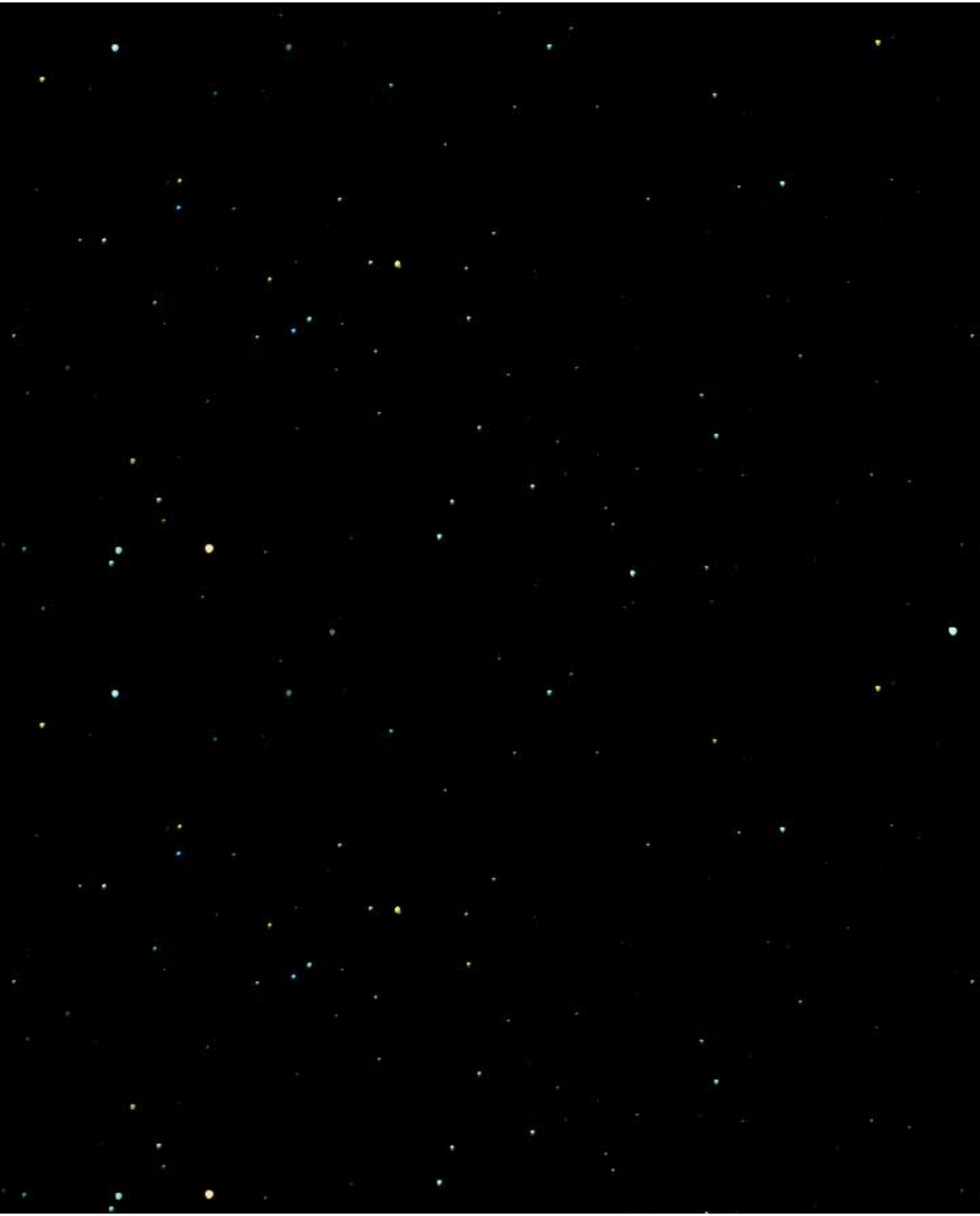
Messier Objects

No Messier Objects Found

NGC Objects

NGC	RA	DEC	Magnitude	Size (Min of Arc)
6398	17 42 43.3	-61 41 31	13.4	2
6403	17 43 23.2	-61 40 53	14.3	1.1
6407	17 44 57.6	-60 44 22	12.5	2.1
6483	17 59 29.7	-63 40 07	13	1.6
6492	18 02 47.9	-66 25 47	12.6	2.5
6502	18 04 12.8	-65 24 35	13.6	1.3
6545	18 12 15.3	-63 46 35	14.2	1.1
6588	18 20 36.0	-63 48 00		
6614	18 25 07.7	-63 14 51	13.8	1.4

6630	18 32 34.5	-63 17 30	14.6	0.8
6653	18 44 38.6	-73 15 47	12.2	1.7
6673	18 45 06.9	-62 17 48	12.6	2.2
6684	18 48 57.4	-65 10 26	11.3	4.1
6699	18 52 02.5	-57 19 11	12.7	1.5
6706	18 56 51.3	-63 09 58	13.9	1.5
6718	19 01 27.9	-66 06 39	14.2	1.4
6719	19 03 07.5	-68 35 15	13.5	1.7
6721	19 00 50.3	-57 45 28	13.1	1.6
6722	19 03 39.5	-64 53 41	13.6	2.9
6730	19 07 33.4	-68 54 38	12.3	1.8
6733	19 06 10.7	-62 11 48	13.2	1.8
6734	19 07 13.5	-65 27 45	13.8	1.3
6736	19 07 29.3	-65 25 43	14.3	1.1
6739	19 07 48.3	-61 22 05	13.1	2.4
6744	19 09 45.2	-63 51 22	9.1	20.2
6746	19 10 21.9	-61 58 13	13.1	1.4
6752	19 10 51.8	-59 58 55	5.4	20.4
6753	19 11 23.3	-57 02 56	11.9	2.4
6769	19 18 22.6	-60 30 03	12.4	2.2
6770	19 18 37.5	-60 29 50	12.8	2.2
6771	19 18 39.7	-60 32 44	13.5	2.3
6776	19 25 19.3	-63 51 41	13.1	1.6
6777	19 26 36.0	-71 27 00		
6782	19 23 57.1	-59 55 22	11.9	2.2
6784	19 26 33.6	-65 37 24	15	0.8
6808	19 43 54.2	-70 37 58	12.5	1.6
6810	19 43 34.1	-58 39 21	12.4	3.1
6844	20 02 50.4	-65 13 49	13.5	1.4
6860	20 08 46.1	-61 05 56	13.7	1.3
6872	20 16 56.0	-70 46 04	12.5	6.3
6876	20 18 20.1	-70 51 28	11.7	3
6877	20 18 37.0	-70 51 16	13.2	2
6880	20 19 29.6	-70 51 36	13.2	2.1
6932	20 42 08.2	-73 37 12	13.3	2.2
6943	20 44 32.9	-68 44 50	12	4
7020	21 11 20.1	-64 01 31	12.6	3.5
7021	21 11 20.1	-64 01 31	12.6	3.5
7032	21 15 22.9	-68 17 20	13.6	1.1
7059	21 27 21.4	-60 00 51	12.5	3.3



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Sagitta

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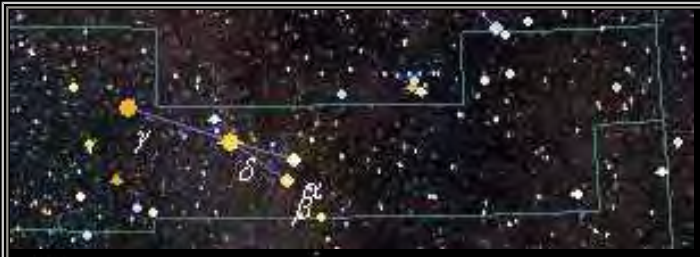

Sagitta (THE ARROW)

Messier Objects

Messier	NGC	Type	RA	DEC	Magnitude
71	6838	Globular Cluster	19 53 46.1	+18 46 42	8.2

NGC Objects

NGC	RA	DEC	Magnitude	Size (Min of Arc)
6839	19 54 21.0	+17 53 00		3
6873	20 08 12.4	+21 06 09		
6879	20 10 26.5	+16 55 20	13	0.08
6886	20 12 43.0	+19 59 20	12.2	0.07
6892	20 16 57.1	+18 01 10		0.8