

Herschel 400 Observing List, evening of 2012 Feb 1 at Cleveland, Ohio

Sunset 17:46, Twilight ends 19:17, Twilight begins 06:03, Sunrise 07:34, Moon rise 12:05, Moon set 03:24

Completely dark from 03:24 to 06:03. First Quarter Moon. All times local (EST).

Listing All Classes visible above the perfect horizon and in twilight or moonlight before 23:59.

Cls	Primary ID	Alternate ID	Con	RA (Ap)	Dec (Ap)	Mag	Size	Distance	Rise	Transit	Set
Gal	NGC 2655	Arp 225	Cam	08h57m20.1s	+78°10'27"	11	4.5'x 2.8'		-	0:37	-
Gal	NGC 6217	Arp 185	UMi	16h32m00.5s	+78°10'05"	11.9	2.6'x 2.1'		-	8:10	-
Gal	NGC 3147	MCG 12-10-25	Dra	10h17m59.6s	+73°20'07"	11.3	4.1'x 3.5'		-	1:57	-
PNe	NGC 40	PN G120.0+09.8	Cep	00h13m40.4s	+72°35'42"	10.7	1.0'	3700 ly	-	15:55	-
Gal	NGC 2985	MCG 12-10-6	UMa	09h51m31.9s	+72°13'06"	11.2	3.8'x 3.1'		-	1:31	-
Gal	Cigar Galaxy	M 82	UMa	09h56m56.8s	+69°37'03"	9	9.3'x 4.4'	12.0 Mly	-	1:36	-
Gal	NGC 1961	Arp 184	Cam	05h43m30.5s	+69°23'09"	11.8	4.1'x 2.9'	180.0 Mly	-	21:23	-
Gal	NGC 2787	MCG 12-9-39	UMa	09h20m28.8s	+69°08'54"	11.6	3.2'x 1.8'		-	1:00	-
Gal	NGC 3077	MCG 12-10-17	UMa	10h04m21.9s	+68°40'13"	10.6	5.1'x 4.2'	12.0 Mly	-	1:44	-
Gal	NGC 2976	MCG 11-12-25	UMa	09h48m19.0s	+67°51'25"	10.8	6.0'x 3.1'	15.0 Mly	-	1:28	-
PNe	Cat's Eye Nebula	NGC 6543	Dra	17h58m30.6s	+66°37'46"	8.3	22"	4400 ly	-	9:36	-
Open	NGC 7142	Collinder 442	Cep	21h45m24.0s	+65°50'02"	10	12.0'	5500 ly	-	13:27	-
Gal	NGC 2403	MCG 11-10-7	Cam	07h38m05.2s	+65°34'26"	8.8	20.0'x 10.0'	11.0 Mly	-	23:18	-
Open	NGC 637	Collinder 17	Cas	01h43m56.8s	+64°06'22"	7.3	3.0'	7000 ly	-	17:25	-
Open	NGC 559	Collinder 13	Cas	01h30m21.4s	+63°22'28"	7.4	6.0'	4100 ly	-	17:11	-
Open	NGC 7160	Collinder 443	Cep	21h53m59.0s	+62°39'49"	6.4	5.0'	2600 ly	-	13:35	-
Open	NGC 1502	Collinder 45	Cam	04h08m57.6s	+62°22'02"	4.1	8.0'	2700 ly	-	19:49	-
Gal	NGC 4041	MCG 10-17-129	UMa	12h02m51.5s	+62°03'49"	11.6	2.6'x 2.5'		-	3:42	-
Open	NGC 654	Collinder 18	Cas	01h44m51.6s	+61°57'03"	8.2	5.0'	6700 ly	-	17:25	-
Open	Sailboat Cluster	NGC 225	Cas	00h44m22.2s	+61°50'47"	8.9	12.0'	2100 ly	-	16:25	-
Gal	NGC 4036	MCG 10-17-125	UMa	12h02m06.3s	+61°49'19"	11.6	4.2'x 1.9'		-	3:41	-
Open	NGC 381	Collinder 10	Cas	01h09m05.6s	+61°39'11"	9.3	6.0'	3700 ly	-	16:50	-
Open	NGC 1027	Collinder 30	Cas	02h43m38.7s	+61°39'04"	7.4	20.0'	2500 ly	-	18:24	-
Open	NGC 136	Collinder 4	Cas	00h32m12.4s	+61°34'55"		1.5'	13000 ly	-	16:13	-
Open	NGC 663	Collinder 20	Cas	01h47m00.5s	+61°18'02"	6.4	14.0'	6400 ly	-	17:28	-
Open	NGC 7790	OCL 276	Cas	23h59m00.7s	+61°16'50"	7.2	5.0'	9600 ly	-	15:40	-
PNe	NGC 1501	PN G144.5+06.5	Cam	04h08m05.0s	+60°57'23"	12	56"	3600 ly	-	19:48	-
Open	NGC 659	Collinder 19	Cas	01h45m15.0s	+60°44'21"	7.2	5.0'	6300 ly	-	17:26	-
Open	NGC 6939	Collinder 423	Cep	20h31m42.4s	+60°42'14"	10.1	10.0'	5900 ly	-	12:13	-
Open	NGC 7510	Collinder 454	Cep	23h11m33.2s	+60°38'24"	9.3	6.0'	6800 ly	-	14:53	-
Gal	NGC 3945	MCG 10-17-96	UMa	11h53m54.2s	+60°36'07"	11.7	5.9'x 3.5'		-	3:33	-
Gal	NGC 2742	MCG 10-13-57	UMa	09h08m34.2s	+60°25'37"	12.1	2.9'x 1.5'		-	0:48	-
Open	NGC 129	Collinder 2	Cas	00h30m41.0s	+60°17'25"	9.8	19.0'	5300 ly	-	16:12	-
Gal	NGC 6946	Arp 29	Cyg	20h35m05.9s	+60°11'49"	9.8	10.5'x 10.0'		-	12:17	-
Gal	NGC 5322	MCG 10-20-35	UMa	13h49m40.4s	+60°07'26"	11	5.6'x 3.5'		-	5:28	-
Gal	NGC 2768	MCG 10-13-65	UMa	09h12m37.4s	+59°59'01"	10.8	6.2'x 2.6'		-	0:52	-
Gal	NGC 5982	MCG 10-22-29	Dra	15h38m54.4s	+59°18'40"	12	3.1'x 2.0'		-	7:17	-
Open	NGC 436	Collinder 11	Cas	01h16m44.6s	+58°52'50"	9.3	5.0'	9800 ly	-	16:57	-
Gal	NGC 2950	MCG 10-14-32	UMa	09h43m31.0s	+58°47'29"	11.9	2.9'x 1.8'		-	1:23	-
Gal	NGC 3610	MCG 10-16-107	UMa	11h19m10.1s	+58°42'51"	11.6	2.7'x 2.6'		-	2:58	-
Open	ET Cluster	NGC 457	Cas	01h20m21.9s	+58°21'18"	5.1	20.0'	7900 ly	-	17:01	-
Open	NGC 7380	Collinder 452	Cep	22h47m49.1s	+58°11'58"	8.8	20.0'	7200 ly	-	14:29	-
Gal	NGC 3613	MCG 10-16-109	UMa	11h19m20.7s	+57°55'40"	11.7	3.5'x 1.8'		-	2:58	-
Gal	NGC 3619	MCG 10-16-115	UMa	11h20m05.6s	+57°41'12"	12.5	3.5'x 2.8'		-	2:59	-
Open	Chi Persei	NGC 884	Per	02h23m11.4s	+57°11'47"	4.4	18.0'	7600 ly	-	18:04	-
Open	h Persei	NGC 869	Per	02h19m53.0s	+57°11'19"	4.3	18.0'	6800 ly	-	18:00	-
Open	NGC 7789	OCL 269	Cas	23h58m00.7s	+56°46'49"	7.5	25.0'	7600 ly	-	15:39	-
Gal	NGC 5631	MCG 10-21-2	UMa	14h26m56.4s	+56°31'20"	12.5	2.0'		-	6:05	-
Gal	Splinter Galaxy	NGC 5907	Dra	15h16m12.6s	+56°16'43"	11.1	11.0'x 1.4'		-	6:55	-
Gal	NGC 3898	MCG 9-19-204	UMa	11h49m55.9s	+56°00'36"	11.3	3.4'x 2.0'		-	3:29	-
Gal	M 102	NGC 5866	Dra	15h06m49.6s	+55°42'39"	10.7	6.3'x 2.8'	47.0 Mly	-	6:45	-
Gal	NGC 3079	MCG 9-17-10	UMa	10h02m50.6s	+55°37'02"	11.4	7.8'x 1.3'		-	1:42	-
Gal	M 108	NGC 3556	UMa	11h12m15.9s	+55°36'09"	10.7	5.4'x 1.9'	53.0 Mly	-	2:51	-

Gal	NGC 3998	MCG 9-20-46	UMa	11h58m35.8s	+55°22'48"	11.4	2.8'x 2.2'		-	3:38	-
Gal	NGC 3982	MCG 9-20-36	UMa	11h57m08.1s	+55°03'04"	11.8	2.0'x 1.8'		-	3:36	-
Gal	NGC 5473	MCG 9-23-31	UMa	14h05m09.5s	+54°49'46"	12.4	2.0'x 1.5'		-	5:44	-
PNe	NGC 7008	PN G093.4+05.4	Cyg	21h00m52.2s	+54°35'34"	12	1.4'	2800 ly	-	12:42	-
Open	NGC 7128	Collinder 440	Cyg	21h44m20.6s	+53°46'24"	11.3	4.0'	7500 ly	-	13:26	-
Gal	NGC 5474	MCG 9-23-32	UMa	14h05m28.2s	+53°35'53"	11.5	2.8'x 2.0'		-	5:44	-
Gal	NGC 3310	Arp 217	UMa	10h39m33.5s	+53°26'05"	11.2	2.2'x 2.1'		-	2:19	-
Gal	M 109	NGC 3992	UMa	11h58m15.6s	+53°18'03"	10.5	7.4'x 4.9'	64.0 Mly	-	3:37	-
Gal	NGC 3631	Arp 27	UMa	11h21m45.8s	+53°05'48"	10.7	4.1'x 3.5'		-	3:01	-
Gal	NGC 3729	MCG 9-19-117	UMa	11h34m31.5s	+53°03'06"	11.7	2.9'x 2.0'		-	3:14	-
Open	NGC 1444	Collinder 43	Per	03h50m22.4s	+52°41'53"	6.4	4.0'	3900 ly	-	19:31	-
Gal	NGC 4102	MCG 9-20-94	UMa	12h07m02.4s	+52°38'13"	12.1	3.0'x 1.7'		-	3:46	-
Open	NGC 7296	Collinder 451	Lac	22h28m30.2s	+52°22'55"	9.7	4.0'		-	14:10	-
Gal	NGC 3953	MCG 9-20-26	UMa	11h54m29.0s	+52°15'11"	10.5	6.6'x 3.4'		-	3:33	-
Open	NGC 7086	Collinder 437	Cyg	21h30m50.6s	+51°39'20"	11.6	12.0'	4200 ly	-	13:12	-
Gal	NGC 2681	MCG 9-15-41	UMa	08h54m27.9s	+51°15'49"	11.2	3.6'		-	0:34	-
Open	NGC 1528	Collinder 47	Per	04h16m20.8s	+51°14'51"	6.4	16.0'	2500 ly	-	19:57	-
Gal	NGC 2841	MCG 9-16-5	UMa	09h22m55.6s	+50°55'14"	10	7.8'x 3.7'		-	1:02	-
Gal	NGC 4026	MCG 9-20-52	UMa	12h00m04.6s	+50°53'17"	11.7	4.7'x 0.9'		-	3:39	-
PNe	Blinking Planetary	NGC 6826	Cyg	19h45m06.4s	+50°33'16"	8.8	27"	3600 ly	-	11:23	-
Gal	NGC 4088	Arp 18	UMa	12h06m12.5s	+50°27'57"	11.3	5.8'x 2.2'		-	3:45	-
Open	NGC 1545	Collinder 49	Per	04h21m54.4s	+50°17'04"	4.6	18.0'	2300 ly	-	20:02	-
Gal	NGC 4085	MCG 9-20-86	UMa	12h06m01.5s	+50°16'45"	12.3	2.4'x 0.6'		-	3:45	-
Open	NGC 7243	Collinder 448	Lac	22h15m35.9s	+49°57'42"	6.7	29.0'	2600 ly	-	13:57	-
Open	NGC 2126	Collinder 78	Aur	06h03m31.6s	+49°52'00"	10.2	5.0'	4200 ly	-	21:43	-
Open	NGC 1513	Collinder 46	Per	04h10m53.5s	+49°32'56"	8.9	10.0'	4300 ly	-	19:51	-
Gal	NGC 5676	MCG 8-26-43	Boo	14h33m13.0s	+49°23'55"	11.9	3.7'x 1.7'		-	6:12	-
Open	NGC 7686	Collinder 456	And	23h30m41.5s	+49°12'14"	5.6	14.0'	3300 ly	-	15:12	-
Gal	NGC 5689	MCG 8-27-4	Boo	14h35m55.9s	+48°40'59"	12.7	3.6'x 0.9'		-	6:14	-
Gal	NGC 3893	MCG 8-22-7	UMa	11h49m18.7s	+48°38'10"	10.8	3.1'x 1.6'		-	3:28	-
Gal	NGC 185	MCG 8-2-10	Cas	00h39m38.6s	+48°24'29"	10.2	10.7'x 8.9'		-	16:20	-
Gal	NGC 3949	MCG 8-22-29	UMa	11h54m21.7s	+47°47'04"	11.4	2.3'x 1.4'		-	3:33	-
Gal	NGC 278	MCG 8-2-16	Cas	00h52m46.0s	+47°37'13"	11.5	2.3'x 2.3'		-	16:34	-
Glob	NGC 6229		Her	16h47m18.9s	+47°30'11"	9.4	4.5'	91000 ly	-	8:25	-
Gal	NGC 3877	MCG 8-22-2	UMa	11h46m48.2s	+47°25'17"	11.8	5.0'x 1.1'		-	3:26	-
Open	NGC 1245	Collinder 38	Per	03h15m34.2s	+47°17'05"	7.7	40.0'	9100 ly	7:05	18:56	6:43
Gal	M 106	NGC 4258	CVn	12h19m35.3s	+47°13'49"	9.1	16.6'x 6.3'	30.0 Mly	16:19	3:58	15:42
Gal	NGC 5195	Arp 85	CVn	13h30m31.3s	+47°11'51"	10.5	5.6'x 4.5'		17:32	5:09	16:50
Gal	NGC 3726	MCG 8-21-51	UMa	11h34m02.7s	+46°57'23"	10.7	5.2'x 3.5'		15:51	3:13	14:39
Gal	NGC 4346	MCG 8-23-16	CVn	12h24m05.2s	+46°55'15"	12.1	3.2'x 1.1'		16:43	4:03	15:27
Open	NGC 7209	Collinder 444	Lac	22h05m35.2s	+46°32'42"	7.8	14.0'	3800 ly	2:37	13:47	0:52
Gal	NGC 4800	MCG 8-24-4	CVn	12h55m12.5s	+46°27'34"	12.3	1.7'x 1.2'		17:31	4:34	15:41
Open	NGC 7062	Collinder 434	Cyg	21h23m52.5s	+46°25'56"	8.3	5.0'	4800 ly	1:59	13:05	0:07
Gal	NGC 3198	MCG 8-19-20	UMa	10h20m41.9s	+45°29'01"	10.9	7.6'x 2.3'		15:22	2:00	12:42
Gal	NGC 4051	MCG 8-22-59	UMa	12h03m48.7s	+44°27'28"	10.8	5.1'x 4.2'		17:24	3:43	14:05
Neb	North American Nebula	NGC 7000	Cyg	20h58m54.9s	+44°25'23"	4	120.0'		2:19	12:40	22:58
Open	NGC 6866	Collinder 412	Cyg	20h04m17.7s	+44°11'35"	9.1	14.0'	4700 ly	1:28	11:42	22:00
Gal	NGC 3938	MCG 7-25-1	UMa	11h53m29.0s	+44°02'53"	10.9	4.4'x 4.3'		17:21	3:32	13:48
Gal	NGC 4449	MCG 7-26-9	CVn	12h28m48.0s	+44°01'10"	9.5	5.2'x 3.3'	13.0 Mly	17:56	4:08	14:23
Open	NGC 1664	Collinder 56	Aur	04h52m00.5s	+43°41'48"	7.2	9.0'	3900 ly	10:22	20:32	6:39
Gal	NGC 3675	MCG 7-24-4	UMa	11h26m50.0s	+43°30'51"	11	5.9'x 3.2'		17:02	3:06	13:14
Gal	NGC 4111	MCG 7-25-26	CVn	12h07m41.9s	+42°59'31"	11.7	2.0'x 0.6'		17:50	3:47	13:47
PNe	Blue Snowball	NGC 7662	And	23h26m28.8s	+42°36'17"	8.6	17"	4600 ly	5:12	15:07	0:59
Open	NGC 7044	OCL 198	Cyg	21h13m35.5s	+42°32'48"	12	6.0'	10000 ly	3:00	12:55	22:46
Gal	NGC 4143	MCG 7-25-36	CVn	12h10m14.6s	+42°27'40"	11.8	2.8'x 1.7'		17:59	3:49	13:43
Gal	NGC 891	MCG 7-5-46	And	02h23m20.7s	+42°24'16"	10.9	11.7'x 2.3'		8:11	18:04	3:53
Gal	M 110	NGC 205	And	00h41m02.5s	+41°45'21"	8.9	17.8'x 9.8'	2.6 Mly	6:36	16:22	2:03
Gal	NGC 4485	Arp 269	CVn	12h31m08.2s	+41°37'37"	12.3	2.1'x 1.5'		18:30	4:10	13:54
Gal	Cocoon Galaxy	NGC 4490	CVn	12h31m13.4s	+41°34'15"	9.8	6.3'x 2.0'		18:31	4:10	13:53

Gal	NGC 3184	MCG 7-21-37	UMa	10h19m03.0s	+41°21'31"	10.4	7.2'x 7.1'		16:21	1:58	11:35
Gal	NGC 4618	Arp 23	CVn	12h42m09.0s	+41°04'43"	11.3	4.0'x 2.8'		18:47	4:21	13:59
Open	NGC 2281	Collinder 116	Aur	06h49m10.9s	+41°03'48"	7.2	25.0'	1800 ly	12:55	22:29	8:03
Open	NGC 6910	Collinder 420	Cyg	20h23m37.0s	+40°49'05"	7.3	10.0'	3700 ly	2:30	12:05	21:36
Gal	NGC 2782	Arp 215	Lyn	09h14m54.3s	+40°03'32"	12.3	3.4'x 2.4'		15:31	0:54	10:18
Open	NGC 1857	Collinder 61	Aur	05h20m58.8s	+39°21'21"	8.4	10.0'	6200 ly	11:40	21:01	6:18
Gal	NGC 4151	MCG 7-25-44	CVn	12h11m11.1s	+39°19'57"	11.3	3.7'x 2.9'		18:34	3:50	13:11
Gal	NGC 1023	Arp 135	Per	02h41m11.1s	+39°07'04"	9.6	7.6'x 2.8'		9:03	18:22	3:36
Glob	Intergalactic Wanderer	NGC 2419	Lyn	07h39m00.0s	+38°51'06"	10.3	4.6'	200000 ly	14:07	23:19	8:31
Gal	NGC 3665	MCG 7-24-3	UMa	11h25m25.1s	+38°41'27"	11.8	3.8'x 2.9'		17:54	3:04	12:19
Open	NGC 752	Collinder 23	And	01h58m25.4s	+37°50'49"	6.6	75.0'	1500 ly	8:32	17:39	2:42
Open	NGC 1342	Collinder 40	Per	03h32m26.9s	+37°25'11"	7.2	15.0'	2200 ly	10:09	19:13	4:13
Gal	NGC 3294	MCG 6-23-21	LMi	10h37m00.3s	+37°15'24"	12.1	3.2'x 1.7'		17:18	2:16	11:15
Gal	NGC 5005	MCG 6-29-52	CVn	13h11m31.2s	+36°59'17"	10.5	5.4'x 2.0'		19:54	4:50	13:51
Gal	NGC 3941	MCG 6-26-51	UMa	11h53m34.9s	+36°54'48"	11.3	3.5'x 2.3'		18:37	3:33	12:32
Gal	NGC 6207	MCG 6-37-7	Her	16h43m29.4s	+36°48'23"	11.9	2.9'x 1.3'		23:27	8:22	17:21
Gal	NGC 3432	Arp 206	LMi	10h53m14.0s	+36°32'59"	11.6	6.8'x 1.6'		17:39	2:32	11:25
Gal	NGC 5033	MCG 6-29-62	CVn	13h14m02.3s	+36°31'26"	10.7	9.5'x 4.3'		20:00	4:53	13:50
Gal	NGC 3813	MCG 6-26-19	UMa	11h41m58.9s	+36°28'26"	12.3	2.0'x 1.0'		18:28	3:21	12:17
Gal	NGC 5557	MCG 6-31-93	Boo	14h18m56.9s	+36°25'59"	11.9	2.3'x 1.3'	150.0 Mly	21:05	5:58	14:54
Gal	NGC 4214	MCG 6-27-42	CVn	12h16m17.4s	+36°15'18"	10.2	7.8'x 6.3'	13.0 Mly	19:04	3:55	12:50
Gal	Mirach's Ghost	NGC 404	And	01h10m08.3s	+35°47'09"	11.2	4.7'	11.0 Mly	8:00	16:51	1:38
Gal	NGC 5273	MCG 6-30-72	CVn	13h42m41.8s	+35°35'16"	12.5	2.5'x 1.8'		20:36	5:21	14:11
Open	NGC 1907	Collinder 66	Aur	05h28m56.0s	+35°20'05"	10.2	7.0'	5100 ly	12:25	21:09	5:53
Gal	NGC 7331	MCG 6-49-45	Peg	22h37m37.2s	+34°28'54"	10.2	9.1'x 3.4'		5:37	14:19	22:57
Gal	NGC 2859	MCG 6-21-30	LMi	09h25m05.4s	+34°27'25"	11.8	3.8'x 3.3'		16:27	1:04	9:42
Open	NGC 1931	Collinder 68	Aur	05h32m15.6s	+34°15'13"	10.1	5.0'	10000 ly	12:36	21:12	5:49
Gal	NGC 2683	MCG 6-20-11	Lyn	08h53m28.9s	+33°22'18"	10	8.7'x 2.5'		16:02	0:33	9:04
Gal	NGC 4203	MCG 6-27-40	Com	12h15m43.3s	+33°07'32"	11.7	3.4'x 1.7'		19:26	3:55	12:28
Gal	NGC 3395	Arp 270	LMi	10h50m32.8s	+32°54'49"	12.4	1.6'x 0.9'		18:02	2:30	10:57
Gal	Whale Galaxy	NGC 4631	CVn	12h42m44.7s	+32°28'16"	9.5	13.2'x 2.4'		19:57	4:22	12:50
Gal	NGC 4656	MCG 5-30-66	CVn	12h44m34.5s	+32°05'54"	9.7	8.5'x 1.1'		20:01	4:23	12:50
Gal	NGC 2964	Markarian 404	Leo	09h43m39.7s	+31°47'14"	12.1	2.5'x 1.6'		17:02	1:23	9:44
Gal	NGC 7217	MCG 5-52-1	Peg	22h08m24.6s	+31°25'14"	11.1	3.9'x 3.3'		5:27	13:50	22:08
Gal	NGC 4414	MCG 5-29-85	Com	12h27m04.9s	+31°09'01"	11	2.8'x 1.6'		19:49	4:06	12:27
Gal	Pinwheel Galaxy	M 33	Tri	01h34m32.8s	+30°43'28"	6.4	61.7'x 36.3'	2.9 Mly	8:57	17:15	1:29
Gal	NGC 4150	MCG 5-29-29	Com	12h11m12.3s	+30°19'44"	12.5	2.1'x 1.4'		19:38	3:50	12:06
Gal	NGC 4314	MCG 5-29-75	Com	12h23m10.3s	+29°49'21"	11.4	3.8'x 3.6'		19:53	4:02	12:15
Gal	NGC 4274	MCG 5-29-60	Com	12h20m28.7s	+29°32'30"	11.3	5.0'x 2.1'		19:52	3:59	12:11
Gal	NGC 4245	MCG 5-29-49	Com	12h18m15.1s	+29°32'08"	12.3	2.7'x 1.8'		19:50	3:57	12:09
PNe	Gemini Nebula	NGC 2371	Gem	07h26m23.1s	+29°27'50"	11.2	1.2'	4400 ly	14:59	23:06	7:13
Open	NGC 6834	Collinder 407	Cyg	19h52m40.5s	+29°26'23"	9.7	5.0'	6700 ly	3:23	11:30	19:41
Gal	NGC 4278	MCG 5-29-62	Com	12h20m45.1s	+29°12'32"	11	3.3'x 3.1'		19:54	4:00	12:09
Gal	NGC 3486	MCG 5-26-32	LMi	11h01m05.7s	+28°54'17"	11.1	6.0'x 4.3'		18:36	2:40	10:44
Gal	NGC 4448	MCG 5-29-89	Com	12h28m53.0s	+28°32'56"	12	1.8'x 1.1'		20:06	4:08	12:14
Glob	NGC 5466		Boo	14h06m00.7s	+28°28'21"	9.2	9.0'	52000 ly	21:43	5:45	13:50
Gal	NGC 3277	MCG 5-25-22	LMi	10h33m38.3s	+28°26'40"	12.5	2.1'x 1.6'		18:11	2:13	10:14
Gal	NGC 3245	MCG 5-25-13	LMi	10h28m01.4s	+28°26'27"	11.7	3.3'x 2.0'		18:06	2:07	10:09
Open	NGC 6940	Collinder 424	Vul	20h34m55.8s	+28°19'33"	7.2	25.0'	2500 ly	4:12	12:16	20:17
Gal	NGC 4251	MCG 5-29-50	Com	12h18m46.6s	+28°06'10"	11.6	2.8'x 1.5'		19:58	3:58	11:57
Gal	NGC 3414	Arp 162	LMi	10h51m58.3s	+27°54'21"	12	2.9'x 1.7'		18:33	2:31	10:30
Gal	NGC 3504	MCG 5-26-39	LMi	11h03m52.7s	+27°54'08"	11.6	2.6'x 2.3'		18:44	2:43	10:42
Gal	NGC 4559	MCG 5-30-30	Com	12h36m35.2s	+27°53'16"	10.3	10.0'x 4.3'		20:17	4:15	12:18
Open	NGC 2266	Collinder 113	Gem	06h44m06.8s	+26°57'21"	9.5	5.0'	11000 ly	14:30	22:24	6:18
Gal	NGC 3900	MCG 5-28-34	Leo	11h49m49.0s	+26°56'59"	12.3	2.7'x 1.3'		19:35	3:29	11:22
Open	NGC 6882		Vul	20h12m16.8s	+26°50'54"		5.0'		3:57	11:50	19:47
Open	NGC 6885	Collinder 417	Vul	20h12m30.9s	+26°30'54"	5.7	20.0'	1900 ly	3:59	11:50	19:45
Gal	NGC 3912	MCG 5-28-37	Leo	11h50m44.0s	+26°24'24"	13.2	1.5'x 0.7'		19:39	3:30	11:21
Gal	NGC 4565	MCG 4-30-6	Com	12h36m58.4s	+25°54'57"	10.1	14.5'x 2.3'		20:27	4:16	12:08

Gal	NGC 4494	MCG 4-30-2	Com	12h32m01.9s	+25°42'11"	10.7	4.4'x 4.2'		20:24	4:11	11:58
Gal	NGC 4725	MCG 4-30-22	Com	12h51m03.7s	+25°25'48"	9.9	9.5'x 6.6'		20:44	4:30	12:20
Gal	NGC 3344	MCG 4-25-46	LMi	10h44m13.1s	+24°51'14"	10.5	6.6'x 6.3'		18:40	2:23	10:07
Open	NGC 2158	Collinder 81	Gem	06h08m11.8s	+24°05'36"	12.1	5.0'	17000 ly	14:09	21:48	5:28
Open	NGC 6823	Collinder 405	Vul	19h43m39.4s	+23°19'44"	7.1	6.0'	10000 ly	3:45	11:21	19:01
Open	NGC 2129	Collinder 77	Gem	06h01m53.5s	+23°19'15"	7	5.0'	4900 ly	14:06	21:42	5:18
Open	NGC 6830	Collinder 406	Vul	19h51m29.6s	+23°07'52"	8.9	5.0'	5300 ly	3:54	11:29	19:08
Gal	NGC 3193	Arp 316	Leo	10h19m07.2s	+21°49'43"	12	2.5'x 2.3'		18:29	1:58	9:27
Gal	NGC 3190	Arp 316	Leo	10h18m47.6s	+21°46'03"	11.9	3.6'x 1.3'		18:29	1:58	9:27
Open	NGC 2420	Collinder 154	Gem	07h39m08.6s	+21°32'34"	10	5.0'	10000 ly	15:51	23:19	6:47
Gal	NGC 2903		Leo	09h32m53.2s	+21°26'35"	10	11.5'x 4.2'		17:45	1:12	8:40
PNe	Eskimo Nebula	NGC 2392	Gem	07h29m56.2s	+20°53'02"	8.6	47"	3400 ly	15:45	23:10	6:35
Open	NGC 6802	Collinder 400	Vul	19h31m06.3s	+20°17'14"	11.7	5.0'	3700 ly	3:47	11:09	18:35
PNe	NGC 6905	He 2-466	Del	20h22m54.9s	+20°08'39"	12	44"	4700 ly	4:39	12:04	19:26
Gal	NGC 3226	Arp 94	Leo	10h24m08.9s	+19°49'57"	12.3	3.0'x 2.2'		18:43	2:03	9:24
Gal	NGC 3227	Arp 94	Leo	10h24m12.5s	+19°47'57"	11.5	4.1'x 2.1'		18:43	2:03	9:24
Open	NGC 1647	Collinder 54	Tau	04h46m39.5s	+19°08'10"	6.2	40.0'	1800 ly	13:09	20:27	3:44
Gal	NGC 772	Arp 78	Ari	02h00m00.9s	+19°04'04"	10.6	5.9'x 3.2'		10:20	17:41	0:58
Glob	NGC 4147		Com	12h10m44.8s	+18°28'11"	10.4	4.4'	85000 ly	20:35	3:50	11:04
Gal	NGC 4293	MCG 3-32-6	Com	12h21m51.2s	+18°18'39"	11.1	6.0'x 4.1'		20:47	4:01	11:15
Gal	NGC 3626	MCG 3-29-32	Leo	11h20m44.0s	+18°17'09"	11.8	3.0'x 2.0'		19:46	3:00	10:14
Gal	NGC 4394	MCG 3-32-35	Com	12h26m34.0s	+18°08'32"	11.6	3.6'x 3.5'		20:52	4:05	11:19
Gal	NGC 3608	MCG 3-29-22	Leo	11h17m39.3s	+18°04'40"	11.6	3.0'x 2.2'		19:44	2:57	10:10
Gal	NGC 3607	MCG 3-29-20	Leo	11h17m34.8s	+17°58'56"	10.9	4.6'x 4.0'		19:44	2:57	10:09
Open	NGC 2304	Collinder 120	Gem	06h55m55.7s	+17°58'13"	10	3.0'	13000 ly	15:23	22:36	5:48
Gal	NGC 3686	MCG 3-29-51	Leo	11h28m23.9s	+17°09'10"	12	2.9'x 2.2'		19:58	3:07	10:17
Gal	NGC 4450	MCG 3-32-48	Com	12h29m07.9s	+17°00'49"	10.8	5.6'x 4.4'		20:59	4:08	11:17
Open	NGC 1817	Collinder 60	Tau	05h12m59.0s	+16°42'11"	7.8	16.0'	6400 ly	13:46	20:53	4:00
Gal	NGC 4350	MCG 3-32-23	Com	12h24m36.2s	+16°37'15"	11.9	2.8'x 1.1'		20:57	4:03	11:10
Gal	NGC 3655	MCG 3-29-39	Leo	11h23m34.7s	+16°31'06"	12.3	1.5'x 1.0'		19:56	3:03	10:09
Glob	NGC 7006		Del	21h02m02.5s	+16°14'13"	10.6	3.6'	160000 ly	5:34	12:43	19:49
Gal	NGC 7814	MCG 3-1-20	Peg	00h03m52.5s	+16°12'51"	11.6	4.9'x 2.1'		8:36	15:45	22:50
Gal	NGC 7448	Arp 13	Peg	23h00m39.6s	+16°02'48"	12.1	2.3'x 1.0'		7:33	14:42	21:46
Gal	NGC 4419	MCG 3-32-38	Com	12h27m35.0s	+14°58'32"	12	3.5'x 1.2'		21:06	4:06	11:07
Gal	M 91	NGC 4548	Com	12h36m04.7s	+14°25'31"	10.9	5.4'x 4.6'	70.0 Mly	21:17	4:15	11:13
Gal	NGC 4866	MCG 2-33-45	Vir	13h00m04.7s	+14°06'04"	12	6.0'x 1.0'		21:42	4:39	11:36
Open	37 Cluster	NGC 2169	Ori	06h09m07.5s	+13°57'39"	7	5.0'	3400 ly	14:53	21:49	4:45
Gal	NGC 3377	MCG 2-28-9	Leo	10h48m23.0s	+13°55'02"	11.1	3.9'x 2.0'		19:31	2:28	9:24
Gal	NGC 4459	MCG 2-32-83	Com	12h29m38.4s	+13°54'26"	11.4	4.6'x 3.7'		21:12	4:09	11:05
Gal	NGC 3489	MCG 2-28-39	Leo	11h00m59.0s	+13°49'55"	11.1	3.5'x 2.1'		19:44	2:40	9:36
Open	NGC 2355	Collinder 133	Gem	07h17m42.4s	+13°43'31"	9.7	7.0'	7200 ly	16:02	22:57	5:53
Gal	NGC 4689	MCG 2-33-22	Com	12h48m23.7s	+13°41'31"	11.6	3.9'x 3.1'		21:32	4:27	11:23
Open	NGC 2395	Collinder 144	Gem	07h27m55.3s	+13°34'50"	9.4	14.0'	1700 ly	16:13	23:08	6:02
Gal	NGC 4477	MCG 2-32-97	Com	12h30m40.6s	+13°33'55"	11.3	3.9'x 3.5'		21:15	4:10	11:04
Gal	NGC 3628	Arp 317	Leo	11h20m56.8s	+13°31'13"	10	12.3'x 3.3'		20:05	3:00	9:55
Gal	NGC 4473	MCG 2-32-93	Com	12h30m27.3s	+13°21'30"	11.1	4.1'x 2.4'		21:15	4:09	11:03
Gal	NGC 3412	MCG 2-28-16	Leo	10h51m33.8s	+13°20'37"	11.5	3.7'x 2.0'		19:37	2:31	9:25
Gal	NGC 4216	MCG 2-31-72	Vir	12h16m33.0s	+13°04'42"	11	7.9'x 1.9'		21:03	3:55	10:48
Gal	NGC 4654		Vir	12h44m34.8s	+13°03'22"	11.5	4.0'x 2.5'		21:31	4:23	11:16
Gal	NGC 4435	Arp 120	Vir	12h28m19.0s	+13°00'28"	11.5	3.0'x 2.0'		21:15	4:07	11:00
Gal	NGC 4438	Arp 120	Vir	12h28m24.3s	+12°56'16"	10.9	8.9'x 5.1'		21:15	4:07	11:00
Open	NGC 2194	Collinder 87	Ori	06h14m28.1s	+12°48'03"	10	9.0'	12000 ly	15:03	21:54	4:46
Gal	NGC 3593	MCG 2-29-14	Leo	11h15m17.0s	+12°44'51"	11.8	4.9'x 1.9'		20:03	2:54	9:46
Gal	NGC 3384	MCG 2-28-12	Leo	10h48m57.4s	+12°33'37"	10.9	5.4'x 3.2'		19:37	2:28	9:19
Gal	M 105	NGC 3379	Leo	10h48m30.1s	+12°30'49"	10.2	5.0'x 4.6'	45.0 Mly	19:37	2:28	9:18
Gal	NGC 7479	MCG 2-58-60	Peg	23h05m33.0s	+12°23'22"	11.7	3.7'x 2.8'		7:52	14:47	21:37
Gal	NGC 4478	MCG 2-32-99	Vir	12h30m56.0s	+12°15'24"	12.2	1.7'x 1.4'		21:20	4:10	11:00
Gal	NGC 4550	MCG 2-32-147	Vir	12h36m09.0s	+12°09'00"	12.5	3.2'x 0.7'		21:26	4:15	11:04
Gal	NGC 4371	MCG 2-32-33	Vir	12h25m34.0s	+11°37'59"	11.8	3.9'x 1.9'		21:17	4:04	10:52

Gal	NGC 3810	MCG 2-30-10	Leo	11h41m38.2s	+11°24'01"	11.3	3.6'x 2.5'		20:34	3:21	10:07
Gal	NGC 4754	MCG 2-33-30	Vir	12h52m55.6s	+11°14'39"	11.5	4.4'x 2.3'		21:46	4:32	11:18
Gal	NGC 4762	MCG 2-33-33	Vir	12h53m33.9s	+11°09'39"	11.1	8.5'x 3.2'		21:47	4:32	11:18
Gal	NGC 4660	MCG 2-33-6	Vir	12h45m10.2s	+11°07'13"	12.1	2.1'x 1.6'		21:39	4:24	11:09
Gal	NGC 4429	MCG 2-32-61	Vir	12h28m05.1s	+11°02'11"	11	5.6'x 2.5'		21:22	4:07	10:52
Gal	NGC 4596	MCG 2-32-170	Vir	12h40m34.5s	+10°06'19"	11.4	4.0'x 3.3'		21:38	4:19	11:01
Open	NGC 2264	Collinder 112	Mon	06h41m40.3s	+09°52'51"	4.1	39.0'	2200 ly	15:41	22:21	5:02
Gal	NGC 4442	MCG 2-32-68	Vir	12h28m42.5s	+09°43'58"	11.4	4.8'x 2.1'		21:27	4:08	10:48
Gal	NGC 524	MCG 1-4-53	Psc	01h25m26.6s	+09°36'09"	11.4	3.3'		10:22	17:06	23:46
PNe	NGC 2022	PN G196.6-10.9	Ori	05h42m48.1s	+09°05'24"	11.7	28"	8100 ly	14:45	21:23	4:01
Gal	NGC 5248	MCG 2-35-15	Boo	13h38m09.9s	+08°49'12"	10.9	4.8'x 3.0'		22:40	5:17	11:54
Gal	NGC 4698	MCG 2-33-24	Vir	12h49m01.3s	+08°25'03"	11.6	3.8'x 2.0'		21:52	4:28	11:03
Open	NGC 2251	Collinder 101	Mon	06h35m19.8s	+08°21'15"	8.8	10.0'	4300 ly	15:40	22:15	4:50
Gal	Lost Galaxy	NGC 4535	Vir	12h34m58.9s	+08°07'38"	10.5	7.2'x 6.3'		21:39	4:14	10:48
Gal	NGC 4526	MCG 1-32-100	Vir	12h34m41.6s	+07°37'43"	10.6	7.9'x 2.9'		21:41	4:14	10:46
Glob	NGC 6934		Del	20h34m46.2s	+07°26'50"	8.9	7.1'	62000 ly	5:40	12:16	18:48
Gal	NGC 4365	MCG 1-32-48	Vir	12h25m07.0s	+07°14'48"	10.5	6.2'x 4.6'		21:33	4:04	10:35
Gal	NGC 4570	MCG 1-32-114	Vir	12h37m32.1s	+07°10'33"	11.7	3.8'x 0.9'		21:45	4:16	10:47
Gal	NGC 2775	MCG 1-24-5	Cnc	09h11m01.0s	+06°59'04"	11.1	4.4'x 3.5'		18:20	0:50	7:21
Gal	NGC 4261	MCG 1-31-52	Vir	12h20m02.1s	+05°45'17"	11.4	4.2'x 3.4'		21:33	3:59	10:25
Open	NGC 2186	Collinder 85	Ori	06h12m47.9s	+05°27'09"	9.2	5.0'	4700 ly	15:28	21:53	4:17
Gal	NGC 488	MCG 1-4-33	Psc	01h22m25.2s	+05°19'13"	11.1	5.0'x 3.6'		10:35	17:03	23:27
Gal	NGC 4281	MCG 1-32-12	Vir	12h21m00.4s	+05°18'57"	12.3	3.1'x 1.7'		21:36	4:00	10:24
Gal	NGC 4273	MCG 1-32-8	Vir	12h20m34.7s	+05°16'24"	12.3	2.0'x 1.5'		21:35	3:59	10:24
Gal	NGC 5363	MCG 1-36-2	Vir	13h56m45.0s	+05°11'33"	11.1	4.4'x 2.9'		23:12	5:35	11:59
Gal	NGC 5364	MCG 1-36-3	Vir	13h56m49.7s	+04°57'11"	11.1	4.9'x 2.6'		23:13	5:35	11:58
Open	NGC 2244	Collinder 99	Mon	06h32m35.8s	+04°55'47"	5.2	29.0'	4700 ly	15:50	22:12	4:35
Gal	M 61	NGC 4303	Vir	12h22m33.8s	+04°24'14"	10.2	6.3'x 5.8'	70.0 Mly	21:41	4:01	10:22
Gal	NGC 5566	Arp 286	Vir	14h20m57.7s	+03°52'32"	11.4	5.8'x 2.0'		23:41	6:00	12:22
Gal	NGC 3169	MCG 1-26-26	Sex	10h14m54.7s	+03°24'08"	11.3	4.2'x 2.5'		19:37	1:54	8:12
Gal	NGC 3166	MCG 1-26-24	Sex	10h14m25.6s	+03°21'38"	11.5	3.7'x 2.1'		19:36	1:54	8:11
Gal	NGC 5576	MCG 1-37-7	Vir	14h21m41.5s	+03°12'47"	11.8	2.8'x 1.9'		23:44	6:00	12:21
Gal	NGC 3640	MCG 1-29-33	Leo	11h21m46.3s	+03°09'53"	11.3	4.4'x 3.8'		20:44	3:01	9:17
Gal	NGC 4624	MCG 1-33-5	Vir	12h45m44.6s	+02°59'10"	11.5	4.3'		22:09	4:25	10:40
Gal	NGC 4636	MCG 1-32-137	Vir	12h43m28.7s	+02°37'06"	10.4	7.2'x 5.6'		22:08	4:22	10:37
Gal	NGC 4527	MCG 1-32-101	Vir	12h34m47.4s	+02°34'56"	11.5	6.0'x 1.9'		21:59	4:14	10:28
Gal	NGC 4900	MCG 1-33-35	Vir	13h01m17.9s	+02°25'56"	11.9	2.1'x 2.0'		22:26	4:40	10:54
Gal	NGC 4536	MCG 0-32-23	Vir	12h35m05.6s	+02°07'08"	11.1	7.2'x 3.0'		22:01	4:14	10:27
Gal	NGC 4643	MCG 0-33-5	Vir	12h43m59.0s	+01°54'29"	11.6	3.2'x 2.6'		22:11	4:23	10:35
Gal	NGC 4845	MCG 0-33-25	Vir	12h58m39.9s	+01°30'27"	12.1	5.4'x 1.2'		22:27	4:37	10:48
Gal	NGC 4179	MCG 0-31-38	Vir	12h13m31.1s	+01°13'44"	11.8	4.3'x 1.1'		21:43	3:52	10:02
Open	NGC 2324	Collinder 125	Mon	07h04m46.8s	+01°01'25"	7.9	10.6'	12000 ly	16:36	22:45	4:53
Gal	NGC 1055	MCG 0-7-81	Cet	02h42m23.6s	+00°29'34"	11.4	6.2'x 2.9'		12:16	18:23	0:30
Open	NGC 2301	Collinder 119	Mon	06h52m24.6s	+00°26'31"	6.3	14.0'	2800 ly	16:25	22:32	4:39
Gal	NGC 3521	MCG 0-28-30	Leo	11h06m28.2s	-00°06'14"	9.9	9.5'x 4.6'		20:41	2:46	8:51
Gal	Superwind Galaxy	NGC 4666	Vir	12h45m47.6s	-00°31'52"	11.5	4.6'x 1.5'		22:21	4:25	10:28
Gal	NGC 936	MCG 0-7-17	Cet	02h28m15.5s	-01°06'08"	11.2	4.5'x 3.4'		12:07	18:09	0:10
Gal	NGC 4030	MCG 0-31-16	Vir	12h01m02.5s	-01°10'17"	11.2	3.6'x 2.8'		21:39	3:40	9:41
Gal	NGC 4753	MCG 0-33-16	Vir	12h53m01.1s	-01°16'06"	10.9	5.9'x 2.8'		22:31	4:32	10:33
Neb	Flame Nebula	NGC 2024	Ori	05h42m20.7s	-01°50'49"		20.0'		15:24	21:22	3:21
Open	NGC 2286	Collinder 117	Mon	06h48m18.5s	-03°09'55"	8.3	14.0'	8500 ly	16:34	22:28	4:22
Neb	NGC 1788	vdB 33	Ori	05h07m32.1s	-03°19'12"		10.0'x 6.0'		14:54	20:48	2:41
Gal	NGC 2974	MCG 0-25-8	Sex	09h43m12.2s	-03°45'32"	11.8	3.5'x 2.4'		19:31	1:23	7:15
Gal	NGC 4546	MCG -1-32-27	Vir	12h36m08.6s	-03°51'45"	11.3	3.2'x 1.9'		22:23	4:15	10:07
Open	NGC 2311	Collinder 123	Mon	06h58m25.2s	-04°37'54"	9.6	6.0'	7500 ly	16:49	22:38	4:27
Open	NGC 2232	Collinder 93	Mon	06h27m53.0s	-04°46'09"	4.2	53.0'	1200 ly	16:19	22:08	3:56
Open	M 48	NGC 2548	Hya	08h14m21.2s	-05°47'26"	5.5	30.0'	2500 ly	18:09	23:54	5:39
Gal	NGC 4697	MCG -1-33-10	Vir	12h49m15.2s	-05°52'10"	10.1	5.8'x 3.6'		22:44	4:28	10:13
Gal	NGC 779	MCG -1-6-16	Cet	02h00m19.6s	-05°54'25"	11.9	1.5'x 0.6'		11:53	17:41	23:25

Open	NGC 1980	Collinder 72	Ori	05h36m01.5s	-05°54'38"	2.5	20.0'	1600 ly	15:32	21:16	3:00
Neb	NGC 2185	vdB 73	Mon	06h11m37.5s	-06°14'22"		4.5'x 2.0'		16:08	21:52	3:35
Gal	NGC 1022	MCG -1-7-25	Cet	02h39m09.7s	-06°37'37"	12.1	2.6'x 1.9'		12:38	18:20	0:01
Neb	NGC 1999	vdB 46	Ori	05h37m01.2s	-06°42'45"		2.0'		15:36	21:17	2:59
Gal	NGC 584	MCG -1-4-60	Cet	01h31m57.8s	-06°48'25"	11.3	3.7'x 2.4'		11:28	17:13	22:54
Gal	NGC 596	MCG -1-5-5	Cet	01h33m28.9s	-06°58'14"	11.8	2.5'x 1.8'		11:30	17:14	22:55
Gal	NGC 615	MCG -1-5-8	Cet	01h35m42.7s	-07°16'46"	12.4	3.0'x 1.1'		11:33	17:16	22:56
Open	NGC 2215	Collinder 90	Mon	06h21m26.2s	-07°17'33"	8.6	7.0'	4200 ly	16:22	22:01	3:41
Gal	NGC 1084	MCG -1-8-7	Eri	02h46m36.7s	-07°31'46"	11.2	3.1'x 2.0'		12:48	18:27	0:06
Gal	Spindle Galaxy	NGC 3115	Sex	10h05m52.4s	-07°46'51"	10	7.6'x 3.5'		20:07	1:45	7:23
Gal	NGC 4995	MCG -1-34-7	Vir	13h10m20.4s	-07°53'55"	11.9	2.5'x 1.6'		23:12	4:49	10:26
Gal	NGC 4958	MCG -1-33-84	Vir	13h06m28.1s	-08°05'13"	11.5	4.5'x 1.1'		23:09	4:45	10:22
Gal	NGC 1052	MCG -1-7-34	Cet	02h41m41.4s	-08°12'18"	11.4	2.9'x 2.0'		12:46	18:22	23:58
Gal	NGC 157	MCG -2-2-56	Cet	00h35m23.8s	-08°19'49"	11	4.1'x 2.3'		10:37	16:16	21:52
Gal	NGC 7606	MCG -2-59-12	Aqr	23h19m42.4s	-08°25'08"	11.7	3.8'x 2.3'		9:21	15:01	20:36
Gal	NGC 4699	MCG -1-33-13	Vir	12h49m41.7s	-08°43'57"	10.4	4.0'x 3.0'		22:54	4:29	10:03
Open	NGC 2335	Collinder 127	Mon	07h07m25.7s	-10°03'04"	9.3	6.0'	4600 ly	17:18	22:47	4:17
Open	NGC 2353	Collinder 130	Mon	07h15m06.7s	-10°17'30"	5.2	18.0'	3600 ly	17:26	22:55	4:23
Gal	NGC 4781	MCG -2-33-49	Vir	12h55m03.2s	-10°36'15"	11.4	3.4'x 1.4'		23:06	4:34	10:01
Open	NGC 2343	Collinder 128	Mon	07h08m42.5s	-10°38'23"	7.5	5.0'	3400 ly	17:21	22:48	4:16
Open	NGC 2506	Collinder 170	Mon	08h00m37.9s	-10°48'26"	8.9	12.0'	11000 ly	18:14	23:40	5:07
PNe	Saturn Nebula	NGC 7009	Aqr	21h04m50.0s	-11°18'52"	8.3	28"	3200 ly	7:17	12:46	18:11
Gal	Sombrero Galaxy	M 104	Vir	12h40m38.9s	-11°41'29"	9.1	9.1'x 5.6'	60.0 Mly	22:56	4:19	9:43
PNe	NGC 246	PN G118.8-74.7	Cet	00h47m40.2s	-11°48'25"	10.4	4.0'	1600 ly	11:02	16:28	21:51
Gal	NGC 7727	Arp 222	Aqr	23h40m31.3s	-12°13'29"	11.6	3.7'x 2.9'		9:56	15:21	20:43
PNe	Cleopatra's Eye	NGC 1535	Eri	04h14m51.2s	-12°42'43"	9.4	20"	5800 ly	14:35	19:55	1:15
Open	NGC 2539	Collinder 176	Pup	08h11m13.4s	-12°51'29"	8	9.0'	4400 ly	18:32	23:51	5:10
Gal	NGC 7723	MCG -2-60-5	Aqr	23h39m34.5s	-12°53'42"	11.9	3.3'x 2.3'		9:58	15:21	20:40
Gal	NGC 720	MCG -2-5-68	Cet	01h53m36.5s	-13°40'51"	11.1	4.7'x 2.5'		12:18	17:34	22:50
Open	NGC 2423	Collinder 153	Pup	07h37m41.9s	-13°54'10"	7	12.0'	2500 ly	18:02	23:17	4:33
Gal	NGC 3962	MCG -2-30-40	Crt	11h55m19.2s	-14°02'41"	11.6	3.7'x 2.8'		22:20	3:34	8:49
Open	M 47	NGC 2422	Pup	07h37m10.7s	-14°30'52"	4.3	25.0'	1600 ly	18:04	23:17	4:30
PNe	NGC 2438	PN G231.8+04.1	Pup	07h42m27.1s	-14°45'52"	11	1.1'	3700 ly	18:10	23:22	4:34
Gal	NGC 4856	MCG -2-33-78	Vir	13h00m01.3s	-15°06'33"	11.4	4.2'x 1.7'		23:28	4:39	9:49
Open	NGC 2360	Collinder 134	CMa	07h18m18.2s	-15°40'03"	9.1	13.0'	6200 ly	17:50	22:58	4:06
Gal	NGC 2811	MCG -3-24-3	Hya	09h16m47.6s	-16°22'01"	12.3	2.8'x 1.0'		19:51	0:56	6:02
Open	NGC 2479	Collinder 167	Pup	07h55m41.0s	-17°44'45"	9.6	10.0'	5400 ly	18:35	23:35	4:36
PNe	NGC 2440	PN G234.8+02.4	Pup	07h42m30.1s	-18°14'28"	11.5	54"	3700 ly	18:24	23:22	4:20
Gal	NGC 1407	MCG -3-10-30	Eri	03h40m45.9s	-18°32'40"	10.7	5.5'x 5.0'		14:24	19:21	0:18
Open	NGC 2204	Collinder 88	CMa	06h16m06.8s	-18°40'23"	9.3	10.0'	8600 ly	16:59	21:56	2:53
PNe	Ghost of Jupiter	NGC 3242	Hya	10h25m23.5s	-18°42'24"	8.6	40"	2800 ly	21:08	2:05	7:01
PNe	NGC 4361	PN G294.1+43.6	Crv	12h25m10.5s	-18°51'13"	10.9	1.3'	3100 ly	23:08	4:04	9:00
Gal	The Antennae	NGC 4038	Crv	12h02m32.2s	-18°56'12"	10.9	4.4'x 2.7'		22:46	3:41	8:37
Open	NGC 2509	Collinder 171	Pup	08h01m22.7s	-19°05'21"	9.3	6.0'		18:46	23:41	4:36
Gal	NGC 4027	Arp 22	Crv	12h00m09.3s	-19°20'04"	11.6	3.4'x 2.5'		22:45	3:39	8:33
Open	NGC 2421	Collinder 151	Pup	07h36m46.9s	-20°38'34"	9	6.0'	7200 ly	18:28	23:16	4:05
Gal	NGC 247	MCG -4-3-5	Cet	00h47m44.8s	-20°41'46"	9.7	20.0'x 5.0'	8.1 Mly	11:36	16:29	21:17
Gal	NGC 908	MCG -4-6-35	Cet	02h23m38.9s	-21°10'54"	10.8	6.2'x 2.8'		13:18	18:04	22:50
Gal	NGC 1964	MCG -4-14-3	Lep	05h33m54.1s	-21°56'34"	11.5	5.2'x 2.2'		16:31	21:14	1:57
Gal	NGC 2613	MCG -4-21-3	Pyx	08h33m56.7s	-23°01'06"	11.1	7.4'x 1.7'		19:35	0:13	4:52
Open	NGC 2482	Collinder 166	Pup	07h55m45.2s	-24°17'40"	8.8	10.0'	4400 ly	19:03	23:35	4:08
Open	NGC 2362	Collinder 136	CMa	07h19m13.4s	-24°58'53"	3.8	5.0'	4500 ly	18:29	22:59	3:28
Gal	Sculptor Galaxy	NGC 253	ScI	00h48m09.0s	-25°13'29"	7.9	28.2'x 5.5'	13.0 Mly	12:01	16:29	20:57
Open	NGC 2354	Collinder 131	CMa	07h14m42.1s	-25°42'55"	8.9	18.0'	13000 ly	18:28	22:54	3:20
Glob	NGC 288		ScI	00h53m20.6s	-26°31'11"	8.1	13.0'	39000 ly	12:12	16:34	20:56
Open	NGC 2527	Collinder 174	Pup	08h05m30.2s	-28°11'06"	8.3	10.0'	2000 ly	19:31	23:45	3:59
Gal	NGC 613	MCG -5-4-44	ScI	01h34m52.6s	-29°21'31"	10.7	5.5'x 4.4'		13:07	17:16	21:24
Open	NGC 2571	Collinder 181	Pup	08h19m28.0s	-29°47'30"	7.4	8.0'	4400 ly	19:53	23:59	4:05
Open	NGC 2627	Collinder 188	Pyx	08h37m47.5s	-30°00'03"	8.4	8.0'	6500 ly	20:12	0:17	4:22

Open	NGC 2489	Collinder 169	Pup	07h56m46.4s	-30°05'59"	9.3	6.0'	13000 ly	19:32	23:36	3:41
Open	NGC 2567	Collinder 180	Pup	08h19m03.8s	-30°40'54"	8.4	7.0'	5500 ly	19:57	23:59	4:00
Gal	NGC 3621	MCG -5-27-8	Hya	11h18m53.9s	-32°52'46"	10.1	10.5'x 4.5'		23:09	2:58	6:47