

Lacaille I,II,III Observing List

Evening of 2018 Jun 13 at VS Star Party - Gansvlei

Sunset 17:31, Twilight ends 18:48, Twilight begins 05:40, Sunrise 06:58, Moon rise 07:21, Moon set 17:25
 Completely dark from 18:48 to 05:40. New Moon. All times local (GMT+2).

Listing All Classes visible above the perfect horizon and in complete darkness after 18:28 and before 06:00.

Cls	Primary ID	Alternate ID	Mag	Con	Size	RA 2000	Dec 2000	Distance	Begin	Optimum	End	S.A.	Ur. 2	PSA	Difficulty	
Open Neb	Collinder 140	OCL 679	4.2	CMa	60.0'	07h24m27.0s	-31°51'00"	1300 ly	18:39	19:01	■	20:41	19	171	29	obvious
Open	NGC 2070	Tarantula Nebula	8.3	Dor	5.0'	05h38m36.0s	-69°06'00"		18:34	19:01	■	05:54	24	212	20	obvious
Open	NGC 2477	Collinder 165	5.7	Pup	15.0'	07h52m10.0s	-38°31'48"	4000 ly	18:36	19:01	■	19:32	19	171	28	obvious
Open	NGC 2546	Collinder 178	5.2	Pup	70.0'	08h12m15.0s	-37°35'42"	3000 ly	18:40	19:01	■	19:51	20	171	28	easy
Star	HD 98897	GC 15623	6.6	Cen		11h22m15.6s	-58°23'11"	460 ly	18:08	19:02	■	23:25	25	198	38	obvious
Open	NGC 2516	Collinder 172	3.3	Car	30.0'	07h58m04.0s	-60°45'12"	1300 ly	18:33	19:02	■	20:03	24	200	30	obvious
Open	NGC 2547	Collinder 177	5.0	Vel	25.0'	08h10m09.0s	-49°12'54"	1500 ly	18:37	19:02	■	20:03	20	187	28	obvious
Open	IC 2395	Collinder 192	4.6	Vel	18.6'	08h42m30.0s	-48°06'48"	2600 ly	18:33	19:02	■	20:33	20	187	28	obvious
Open	Collinder 203	Trumpler 10	5.0	Vel	29.0'	08h47m54.0s	-42°27'00"	1400 ly	18:37	19:02	■	20:33	20	187	28	obvious
Open	IC 2391	Collinder 191	2.6	Vel	60.0'	08h40m32.0s	-53°02'00"	570 ly	18:34	19:03	■	20:38	25	200	28	obvious
Open	IC 2488	OCL 789	7.4	Vel	18.0'	09h27m38.0s	-57°00'00"	3700 ly	18:37	19:04	■	21:29	25	199	39	easy
Open	NGC 3228	Collinder 218	6.4	Vel	5.0'	10h21m22.0s	-51°43'42"	1800 ly	18:31	19:06	■	22:18	20	199	39	obvious
Neb	NGC 3372	Eta Carinae Nebula	3.0	Car	120.0'	10h45m06.0s	-59°52'00"		18:38	19:07	■	22:49	25	199	38	easy
Open	NGC 3293	Collinder 224	6.2	Car	6.0'	10h35m51.0s	-58°13'48"	7600 ly	18:32	19:07	■	22:38	25	199	38	obvious
Open	IC 2602	Collinder 229	1.6	Car	100.0'	10h42m58.0s	-64°24'00"	520 ly	18:33	19:08	■	22:50	25	210	40	obvious
Open	NGC 3532	Collinder 238	3.4	Car	50.0'	11h05m39.0s	-58°45'12"	1600 ly	18:34	19:09	■	23:08	25	198	38	obvious
Open	NGC 3766	Collinder 248	4.6	Cen	9.3'	11h36m14.0s	-61°36'30"	7200 ly	18:30	19:10	■	23:41	25	198	40	obvious
Open	NGC 4755	Jewel Box	5.2	Cru	10.0'	12h53m39.0s	-60°21'42"	6400 ly	18:31	19:41	■	00:59	25	198	50	obvious
Glob	NGC 4833		8.4	Mus	12.7'	12h59m34.0s	-70°52'30"	16000 ly	18:38	19:47	■	01:12	25	209	50	detectable
Glob	NGC 5139	Omega Centauri	3.9	Cen	55.0'	13h26m46.0s	-47°28'36"	16000 ly	18:34	20:14	■	01:17	21	184	49	obvious
Gal	NGC 5236	M 83	7.8	Hya	14.1'x 13.2'	13h37m00.8s	-29°51'56"	15.0 Mly	18:35	20:24	■	01:05	21	167	46	obvious
Open	NGC 5281	Melotte 120	8.2	Cen	7.0'	13h46m35.0s	-62°55'00"	3600 ly	18:35	20:34	■	01:54	25	208	50	easy

Cls	Primary ID	Alternate ID	Mag	Con	Size	RA 2000	Dec 2000	Distance	Begin	Optimum	End	S.A.	Ur. 2	PSA	Difficulty
Open	NGC 5662	Collinder 284	7.7	Cen	29.0'	14h35m37.0s	-56°37'06"	2200 ly	18:39	21:23 	02:36	25	197	48	detectable
DVar	HD 136285	GC 20642	7.5	Cir		15h22m36.6s	-59°10'00"	280 ly	18:03	22:10 	03:26	25	196	59	obvious
Open	NGC 6025	Collinder 296	6.0	TrA	14.0'	16h03m17.0s	-60°25'54"	2500 ly	18:36	22:50 	04:08	26	196	60	obvious
Glob	NGC 6121	M 4	5.4	Sco	36.0'	16h23m36.0s	-26°31'30"	9800 ly	18:41	23:10 	03:45	22	147	57	easy
Open	NGC 6124	Collinder 301	6.3	Sco	39.0'	16h25m20.0s	-40°39'12"	1700 ly	18:41	23:12 	04:08	22	182	59	easy
Open	NGC 6231	Collinder 315	3.4	Sco	14.0'	16h54m10.0s	-41°49'30"	4100 ly	18:44	23:41 	04:38	22	181	58	obvious
Open	NGC 6242	Collinder 317	8.2	Sco	9.0'	16h55m33.0s	-39°27'42"	3700 ly	18:49	23:42 	04:36	22	164	58	easy
Open	NGC 6405	M 6	4.6	Sco	20.0'	17h40m20.0s	-32°15'12"	1600 ly	19:43	00:27 	05:11	22	164	58	obvious
Glob	NGC 6397		5.3	Ara	31.0'	17h40m42.0s	-53°40'24"	6500 ly	19:18	00:28 	05:38	26	195	58	obvious
Open	NGC 6475	M 7	3.3	Sco	80.0'	17h53m51.0s	-34°47'36"	980 ly	19:53	00:40 	05:28	22	164	58	obvious
Neb	NGC 6523	NGC 6526	5.0	Sgr	17.0'x 15.0'	18h04m02.0s	-24°23'14"		20:20	00:51 	05:22	22	145	67	obvious
Glob	NGC 6637	M 69	7.7	Sgr	9.8'	18h31m23.0s	-32°20'54"	23000 ly	20:34	01:18 	05:49	22	163	69	easy
Glob	NGC 6656	M 22	5.2	Sgr	32.0'	18h36m24.0s	-23°54'12"	9800 ly	20:52	01:23 	05:48	22	145	67	obvious
Star	HD 181464	GC 26758	8.3	Pav		19h26m44.7s	-71°27'58"	700 ly	20:49	02:14 	06:17	26	206	70	obvious
Glob	NGC 6809	M 55	6.3	Sgr	19.0'	19h40m00.0s	-30°57'42"	20000 ly	21:44	02:27 	05:52	22	162	68	easy
Star	HD 204477	GC 30102	8.2	Ind		21h31m00.4s	-56°53'05"	190 ly	23:03	04:18 	06:18	26	193	79	obvious
Glob	NGC 104	47 Tucanae	4.0	Tuc	50.0'	00h24m05.0s	-72°04'54"	20000 ly	01:43	05:20 	05:53	24	204	10	obvious
Star	HD 25740	GC 4887	8.1	Hor		04h02m58.3s	-44°23'33"	220 ly	03:21	05:39 	06:15	19	189	19	obvious
Star	HD 32806	GC 6201	7.2	Pic		05h03m15.8s	-49°29'32"	640 ly	03:49	05:41 	06:16	19	189	18	obvious