

Lacaille I,II,III Observing List

Evening of 2017 Jun 23 at VS Star Party - Gansvlei

Sunset 17:32, Twilight ends 18:50, Twilight begins 05:43, Sunrise 07:01, Moon rise 07:02, Moon set 17:09
 Completely dark from 18:50 to 05:43. New Moon. All times local (GMT+2).

Listing All Classes visible above the perfect horizon and in complete darkness after 18:31 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	Optimum EP
Open	Collinder 140	OCL 679	4.2	CMa	60.0'	07h24m27.0s	-31°51'00"	1300 ly	18:40	19:00	20:10	19	171	29	easy	E-Lux 2" 40mm
Open	NGC 2477	Collinder 165	5.7	Pup	15.0'	07h52m10.0s	-38°31'48"	4000 ly	18:38	19:01	20:53	19	171	28	obvious	E-Lux 2" 40mm
Star	HD 98897	GC 15623	6.6	Cen		11h22m15.6s	-58°23'11"	460 ly	18:14	19:02	22:44	25	198	38	obvious	Plössl 4mm
Open	NGC 2516	Collinder 172	3.3	Car	30.0'	07h58m04.0s	-60°45'12"	1300 ly	18:35	19:02	19:22	24	200	30	obvious	Ultima 2" LX 17 mm 2.0x
Open	NGC 2547	Collinder 177	5.0	Vel	25.0'	08h10m09.0s	-49°12'54"	1500 ly	18:37	19:02	19:22	20	187	28	obvious	E-Lux 2" 40mm
Open	IC 2395	Collinder 192	4.6	Vel	18.6'	08h42m30.0s	-48°06'48"	2600 ly	18:35	19:02	19:54	20	187	28	obvious	E-Lux 2" 40mm
Open	Collinder 203	Trumpler 10	5.0	Vel	29.0'	08h47m54.0s	-42°27'00"	1400 ly	18:37	19:02	19:52	20	187	28	obvious	Ultima 2" LX 17 mm 2.0x
Open	NGC 2546	Collinder 178	5.2	Pup	70.0'	08h12m15.0s	-37°35'42"	3000 ly	18:43	19:02	19:11	20	171	28	easy	E-Lux 2" 40mm
Open	IC 2391	Collinder 191	2.6	Vel	60.0'	08h40m32.0s	-53°02'00"	570 ly	18:36	19:03	19:57	25	200	28	obvious	E-Lux 2" 40mm
Open	IC 2488	OCL 789	7.4	Vel	18.0'	09h27m38.0s	-57°00'00"	3700 ly	18:39	19:04	20:48	25	199	39	easy	E-Lux 2" 40mm
Open	NGC 3293	Collinder 224	6.2	Car	6.0'	10h35m51.0s	-58°13'48"	7600 ly	18:33	19:06	21:57	25	199	38	obvious	E-Lux 2" 40mm
Open	NGC 3228	Collinder 218	6.4	Vel	5.0'	10h21m22.0s	-51°43'42"	1800 ly	18:33	19:06	21:36	20	199	39	obvious	E-Lux 2" 40mm
Open	IC 2602	Collinder 229	1.6	Car	100.0'	10h42m58.0s	-64°24'00"	520 ly	18:34	19:07	22:11	25	210	40	obvious	E-Lux 2" 40mm
Neb	NGC 3372	Eta Carinae Nebula	3.0	Car	120.0'	10h45m06.0s	-59°52'00"		18:39	19:07	22:09	25	199	38	easy	E-Lux 2" 40mm
Open	NGC 3532	Collinder 238	3.4	Car	50.0'	11h05m39.0s	-58°45'12"	1600 ly	18:35	19:08	22:27	25	198	38	obvious	Celestron Plössl 15mm
Open	NGC 3766	Collinder 248	4.6	Cen	9.3'	11h36m14.0s	-61°36'30"	7200 ly	18:32	19:09	23:02	25	198	40	obvious	E-Lux 2" 40mm
Open	NGC 4755	Jewel Box	5.2	Cru	10.0'	12h53m39.0s	-60°21'42"	6400 ly	18:33	19:17	00:18	25	198	50	obvious	E-Lux 2" 40mm
Glob	NGC 4833		8.4	Mus	12.7'	12h59m34.0s	-70°52'30"	16000 ly	18:40	19:20	00:32	25	209	50	detectable	E-Lux 2" 40mm
Glob	NGC 5139	Omega Centauri	3.9	Cen	55.0'	13h26m46.0s	-47°28'36"	16000 ly	18:37	19:34	00:37	21	184	49	obvious	Ultima 2" LX 17 mm
Gal	NGC 5236	M 83	7.8	Hya	14.1'x 13.2'	13h37m00.8s	-29°51'56"	15.0 Mly	18:35	19:44	00:24	21	167	46	obvious	E-Lux 2" 40mm
Open	NGC 5281	Melotte 120	8.2	Cen	7.0'	13h46m35.0s	-62°55'00"	3600 ly	18:36	19:53	01:13	25	208	50	easy	E-Lux 2" 40mm
Open	NGC 5662	Collinder 284	7.7	Cen	29.0'	14h35m37.0s	-56°37'06"	2200 ly	18:41	20:42	01:56	25	197	48	detectable	E-Lux 2" 40mm
DVar	HD 136285	GC 20642	7.5	Cir		15h22m36.6s	-59°10'00"	280 ly	18:14	21:30	02:46	25	196	59	obvious	Plössl 10mm
Open	NGC 6025	Collinder 296	6.0	TrA	14.0'	16h03m17.0s	-60°25'54"	2500 ly	18:35	22:10	03:28	26	196	60	obvious	E-Lux 2" 40mm
Glob	NGC 6121	M 4	5.4	Sco	36.0'	16h23m36.0s	-26°31'30"	9800 ly	18:40	22:30	03:04	22	147	57	easy	E-Lux 2" 26mm 2.0x
Open	NGC 6124	Collinder 301	6.3	Sco	39.0'	16h25m20.0s	-40°39'12"	1700 ly	18:42	22:32	03:27	22	182	59	easy	Ultima 2" LX 17 mm 2.0x
Open	NGC 6231	Collinder 315	3.4	Sco	14.0'	16h54m10.0s	-41°49'30"	4100 ly	18:33	23:01	03:58	22	181	58	obvious	E-Lux 2" 40mm
Open	NGC 6242	Collinder 317	8.2	Sco	9.0'	16h55m33.0s	-39°27'42"	3700 ly	18:40	23:02	03:55	22	164	58	easy	E-Lux 2" 40mm
Open	NGC 6405	M 6	4.6	Sco	20.0'	17h40m20.0s	-32°15'12"	1600 ly	19:03	23:47	04:31	22	164	58	obvious	E-Lux 2" 40mm
Glob	NGC 6397		5.3	Ara	31.0'	17h40m42.0s	-53°40'24"	6500 ly	18:41	23:48	04:58	26	195	58	easy	E-Lux 2" 26mm 2.0x

Cls	Primary ID	Alternate ID	Mag	Con	Size	RA 2000	Dec 2000	Distance	Begin	Optimum	End	S.A.	Ur. 2	PSA	Difficulty	Optimum EP
Open	NGC 6475	M 7	3.3	Sco	80.0'	17h53m51.0s	-34°47'36"	980 ly	19:12	00:00	04:48	22	164	58	obvious	E-Lux 2" 40mm
Neb	NGC 6523	NGC 6526	5.0	Sgr	17.0'x 15.0'	18h04m02.0s	-24°23'14"		19:40	00:10	04:41	22	145	67	obvious	E-Lux 2" 40mm
Glob	NGC 6637	M 69	7.7	Sgr	9.8'	18h31m23.0s	-32°20'54"	23000 ly	19:53	00:37	05:21	22	163	69	easy	E-Lux 2" 40mm
Glob	NGC 6656	M 22	5.2	Sgr	32.0'	18h36m24.0s	-23°54'12"	9800 ly	20:12	00:43	05:14	22	145	67	obvious	E-Lux 2" 26mm 2.0x
Star	HD 181464	GC 26758	8.3	Pav		19h26m44.7s	-71°27'58"	700 ly	20:08	01:33	06:16	26	206	70	obvious	Plössl 4mm
Glob	NGC 6809	M 55	6.3	Sgr	19.0'	19h40m00.0s	-30°57'42"	20000 ly	21:04	01:46	05:53	22	162	68	easy	E-Lux 2" 40mm
Star	HD 204477	GC 30102	8.2	Ind		21h31m00.4s	-56°53'05"	190 ly	22:23	03:37	06:17	26	193	79	obvious	Plössl 4mm
Glob	NGC 104	47 Tucanae	4.0	Tuc	50.0'	00h24m05.0s	-72°04'54"	20000 ly	01:03	05:21	05:56	24	204	10	obvious	E-Lux 2" 40mm
Neb	NGC 2070	Tarantula Nebula	8.3	Dor	5.0'	05h38m36.0s	-69°06'00"		18:37	05:30	05:59	24	212	20	obvious	E-Lux 2" 40mm
Star	HD 25740	GC 4887	8.1	Hor		04h02m58.3s	-44°23'33"	220 ly	05:07	05:38	06:15	19	189	19	obvious	Plössl 4mm
Star	HD 32806	GC 6201	7.2	Pic		05h03m15.8s	-49°29'32"	640 ly	03:13	05:40	06:15	19	189	18	obvious	Plössl 4mm