

VS Star Party Report Form – 27/28 June 2014

Auke's ASSA Deepsky 100 Observing List, evening of 2014 Jun 27 at VS Star Party – Gansvlei. Sunset 17:33, Twilight ends 18:51, Twilight begins 05:43, Sunrise 07:01, Moon rise 07:32, Moon set 17:55. Completely dark from 18:51 to 05:43. New Moon. All times local (GMT+2).

No	ASSA	Primary ID	Alternate ID	Type	Con	Mag	Size	Time	Temp	Humid	Notes	Obs
1	21	NGC 2287	M 41	Open	CMa	5.0	39.0'					
2	22	NGC 2362	Collinder 136	Open	CMa	3.8	5.0'					
3	24	NGC 2437	M 46	Open	Pup	6.6	20.0'					
4	23	NGC 2422	M 47	Open	Pup	4.3	25.0'					
5	26	NGC 2447	M 93	Open	Pup	6.5	10.0'					
6	30	NGC 2548	M 48	Open	Hya	5.5	30.0'					
7	27	NGC 2477	Collinder 165	Open	Pup	5.7	15.0'					
8	25	NGC 2451	Collinder 161	Open	Pup	3.7	45.0'					
9	29	NGC 2547	Collinder 177	Open	Vel	5.0	25.0'					
10	28	NGC 2516	Collinder 172	Open	Car	3.3	30.0'					

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11	31	IC 2391	Collinder 191	Open	Vel	2.6	60.0'					
12	33	NGC 2818	He 2-23	PNe	Pyx	11.9	36"					
13	39	NGC 3242	Ghost of Jupiter	PNe	Hya	8.6	40"					
14	36	NGC 3115	Spindle Galaxy	Gal	Sex	10.0	7.6'x 3.5'					
15	34	IC 2488	OCL 789	Open	Vel	7.4	18.0'					
16	37	NGC 3132	Eight Burst	PNe	Vel	8.2	1.4'					
17	32	NGC 2808		Glob	Car	6.2	14.0'					
18	35	NGC 3114	Collinder 215	Open	Car	4.5	35.0'					
19	42	NGC 3324	Collinder 225	Open	Car	6.7	12.0'					
20	41	NGC 3293	Collinder 224	Open	Car	6.2	6.0'					

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21	40	IC 2581	Collinder 222	Open	Car	5.3	5.0'					
22	38	NGC 3201		Glob	Vel	6.9	20.0'					
23	43	IC 2602	Collinder 229	Open	Car	1.6	100.0'					
24	44	NGC 3372	Eta Carinae Nebula	Neb	Car	3.0	120.0'					
25	45	NGC 3532	Collinder 238	Open	Car	3.4	50.0'					
26	47	NGC 3918	Blue Planetary	PNe	Cen	8.4	12"					
27	46	NGC 3766	Collinder 248	Open	Cen	4.6	9.3'					
28	48	NGC 4361	PN G294.1+43.6	PNe	Crv	10.9	1.3'					
29	51	Coalsack	DC 300.7-001.0	Dark	Cru	6.0	16.0'					
30	50	NGC 4594	M 104	Gal	Vir	9.1	9.1'x 5.6'					

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31	49	Dark Doodad	DC 301.0-008.6C	Dark	Mus	6.0	42.4'					
32	52	NGC 4755	Jewel Box	Open	Cru	5.2	10.0'					
33	53	NGC 4833		Glob	Mus	8.4	12.7'					
34	54	NGC 4945	ESO 219 24	Gal	Cen	9.3	20.4'x 4.3'					
35	55	NGC 5128	Centaurus A	Gal	Cen	7.8	27.5'x 18.2'					
36	56	NGC 5139	Omega Centauri	Glob	Cen	3.9	55.0'					
37	57	NGC 5189	IC 4274	PNe	Mus	10.3	2.3'					
38	58	NGC 5236	M 83	Gal	Hya	7.8	14.1'x 13.2'					
39	59	NGC 5281	Melotte 120	Open	Cen	8.2	7.0'					
40	60	NGC 5460	Collinder 280	Open	Cen	6.1	35.0'					

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41	61	NGC 5662	Collinder 284	Open	Cen	7.7	29.0'					
42	62	NGC 5822	Collinder 289	Open	Lup	6.5	35.0'					
43	63	NGC 5823	Melotte 131	Open	Cir	8.6	12.0'					
44	64	B 228		Dark	Lup	6.0	4.0°					
45	65	NGC 6025	Collinder 296	Open	TrA	6.0	14.0'					
46	66	NGC 6067	Collinder 298	Open	Nor	6.5	14.0'					
47	67	NGC 6087	Collinder 300	Open	Nor	6.0	14.0'					
48	68	NGC 6121	M 4	Glob	Sco	5.4	36.0'					
49	69	NGC 6124	Collinder 301	Open	Sco	6.3	39.0'					
50	70	NGC 6193	Collinder 310	Open	Ara	5.4	14.0'					

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51	71	NGC 6218	M 12	Glob	Oph	6.1	16.0'					
52	72	NGC 6231	Collinder 315	Open	Sco	3.4	14.0'					
53	73	NGC 6254	M 10	Glob	Oph	6.6	20.0'					
54	74	NGC 6266	M 62	Glob	Oph	6.4	15.0'					
55	75	NGC 6273	M 19	Glob	Oph	6.8	17.0'					
56	76	NGC 6281	Collinder 324	Open	Sco	8.4	8.0'					
57	77	B 59-78	Pipe Nebula	Dark	Oph	5.0	60.0'					
58	78	NGC 6405	Butterfly Cluster	Open	Sco	4.6	20.0'					
59	79	NGC 6397		Glob	Ara	5.3	31.0'					
60	80	NGC 6475	M 7	Open	Sco	3.3	80.0'					

No	ASSA	Primary ID	Alternate ID	Type	Con	Mag	Size	Time	Temp	Humid	Notes	Obs
61	81	NGC 6494	M 23	Open	Sgr	5.9	29.0'					
62	82	NGC 6514	M 20	Open	Sgr	5.2	28.0'					
63	84	NGC 6531	M 21	Open	Sgr	7.2	14.0'					
64	83	NGC 6523	NGC 6526	Neb	Sgr	5.0	17.0'x 15.0'					
65	85	NGC 6541		Glob	CrA	6.3	15.0'					
66	88	NGC 6603	M 24	Open	Sgr	11.1	6.0'					
67	86	NGC 6584		Glob	Tel	7.9	6.6'					
68	87	NGC 6618	M 17	Open	Sgr	7.3	25.0'					
69	89	M 25	IC 4725	Open	Sgr	6.2	29.0'					
70	90	NGC 6656	M 22	Glob	Sgr	5.2	32.0'					

No	ASSA	Primary ID	Alternate ID	Type	Con	Mag	Size	Time	Temp	Humid	Notes	Obs
71	91	NGC 6705	Wild Duck Cluster	Open	Sct	6.1	32.0'					
72	92	NGC 6723		Glob	Sgr	6.8	13.0'					
73	93	Bernes 157		Neb	CrA		1.5'					
74	94	NGC 6744	ESO 104 42	Gal	Pav	9.1	17.0'x 10.7'					
75	95	NGC 6752	Pavo Globular	Glob	Pav	5.3	29.0'					
76	96	NGC 6809	M 55	Glob	Sgr	6.3	19.0'					
77	97	Melotte 227	Collinder 411	Open	Oct	5.3	70.0'					
78	98	NGC 7089	M 2	Glob	Aqr	6.6	16.0'					
79	99	NGC 7099	M 30	Glob	Cap	6.9	12.0'					
80	100	NGC 7293	Helix	PNe	Aqr	6.3	16.0'					

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81	2	NGC 104	47 Tucanae	Glob	Tuc	4.0	50.0'					
82	1	NGC 55	MCG -7-1-13	Gal	Sci	8.5	30.2'x 3.4'					
83	7	NGC 292	Small Magellanic Cloud	Gal	Tuc	2.8	5.3°x 3.4°					
84	8	NGC 362		Glob	Tuc	6.8	14.0'					
85	6	NGC 288		Glob	Sci	8.1	13.0'					
86	5	NGC 253	Sculptor Galaxy	Gal	Sci	7.9	28.2'x 5.5'					
8	3	NGC 247	MCG -4-3-5	Gal	Cet	9.7	20.0'x 5.0'					
88	4	NGC 246	PN G118.8-74.7	PNe	Cet	10.4	4.0'					
89	10	NGC 1261		Glob	Hor	8.3	6.8'					
90	11	NGC 1291	MCG -7-7-8	Gal	Eri	9.5	9.1'x 6.6'					

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91	12	NGC 1316	Fornax A radio source	Gal	For	9.4	12.6'x 7.9'					
92	9	NGC 1068	M 77	Gal	Cet	9.7	6.6'x 5.8'					
93	16	LMC	ESO 56 115	Gal	Dor	0.8	10.8°x 9.2°					
94	13	NGC 1365	MCG -6-8-26	Gal	For	10.4	10.5'x 6.2'					
95	20	NGC 2070	Tarantula Nebula	Neb	Dor	8.3	5.0'					
96	15	NGC 1851		Glob	Col	7.1	12.0'					
97	14	NGC 1535	Cleopatra's Eye	PNe	Eri	9.4	20"					
98	17	NGC 1904	M 79	Glob	Lep	7.7	9.6'					
99	19	NGC 1977		Neb	Ori	7.0	20.0'					
100	18	NGC 1976	Great Orion Nebula	Neb	Ori	4.0	40.0'x 20.0'					