

	Obs	Object ID	Other ID	Type	R.A.	Dec.	Alt	Azm	Rise	Transit	Set	Const	Size	Mag	SA 2000
MESSIER		NGC 5866	M102 ? - (= NGC 5866 hf, Sky & T	Gx	15 12 07.2	+55 47 06.4	52.27923	313.9437	CPolar	CPolar	CPolar	Dra	5.2	10	2
		NGC 6121	M4	Gb	16 23 35.2	-26 31 34.7	17.41364	211.3587	03:13 PM	07:41 PM	12:13 AM	Sco	26.3	5.9	22
		NGC 5904	M5	Gb	15 18 33.5	+02 04 56.7	31.5546	243.8853	12:28 PM	06:36 PM	12:49 AM	Ser	17.4	5.8	14
		NGC 6093	M80	Gb	16 17 02.8	-22 58 31.8	19.86397	214.4911	02:52 PM	07:35 PM	12:21 AM	Sco	8.9	7.2	22
		NGC 6405	M6 - Butterfly Cluster, Splendors of	OC	17 40 20.0	-32 15 12.0	17.61089	192.8549	04:57 PM	08:58 PM	01:02 AM	Sco	15	4.2	22
		NGC 6475	M7 - Scorpions Tail, Ptolemy's Clus	OC	17 53 51.0	-34 47 36.0	15.62164	189.4849	05:24 PM	09:11 PM	01:02 AM	Sco	80	3.3	22
		NGC 6333	M9	Gb	17 19 11.8	-18 30 58.2	29.6927	201.7073	03:37 PM	08:37 PM	01:40 AM	Oph	9.3	7.9	15
		NGC 6254	M10	Gb	16 57 09.2	-04 05 55.8	41.08471	214.4642	02:26 PM	08:15 PM	02:07 AM	Oph	15.1	6.6	15
		NGC 6218	M12	Gb	16 47 14.4	-01 56 51.7	41.83948	218.7227	02:09 PM	08:05 PM	02:04 AM	Oph	14.5	6.6	15
		NGC 6273	M19	Gb	17 02 37.7	-26 16 03.7	21.12381	202.968	03:51 PM	08:20 PM	12:53 AM	Oph	13.5	7.2	22
		NGC 6494	M23	OC	17 57 04.0	-18 59 06.0	31.34299	191.4606	04:16 PM	09:14 PM	02:16 AM	Sgr	27	5.5	15
		NGC 6266	M62	Gb	17 01 12.9	-30 06 44.7	17.39924	201.9051	04:07 PM	08:19 PM	12:34 AM	Oph	14.1	6.6	22
		NGC 6171	M107	Gb	16 32 31.9	-13 03 11.5	30.34364	216.109	02:31 PM	07:50 PM	01:13 AM	Oph	10	8.1	15
		NGC 6205	M13 - Great Cluster in Hercules, Th	Gb	16 41 41.2	+36 27 35.3	66.87185	273.2207	11:30 AM	07:59 PM	04:32 AM	Her	16.6	5.9	8
	NGC 6402	M14	Gb	17 37 36.1	-03 14 42.9	45.6125	201.9828	03:03 PM	08:55 PM	02:50 AM	Oph	11.7	7.6	15	
	NGC 6341	M92	Gb	17 17 07.4	+43 08 11.4	74.12307	292.1085	11:14 AM	08:34 PM	05:59 AM	Her	11.2	6.5	8	
CALDWELL		NGC 5823		OC	15 05 30.0	-55 36 12.0	-14.7434	207.9001	*Never		Rises*	Cir	10	7.9	25
		NGC 6025		OC	16 03 17.0	-60 25 54.0	-14.2581	198.5978	*Never		Rises*	TrA	12	5.1	26
		NGC 6087		OC	16 18 50.0	-57 56 06.0	-11.1138	198.0304	*Never		Rises*	Nor	12	5.4	26
		NGC 6124		OC	16 25 20.0	-40 39 12.0	4.879677	204.691	04:34 PM	07:43 PM	10:56 PM	Sco	29	5.8	22
		NGC 6101		Gb	16 25 47.7	-72 12 04.8	-23.4673	190.5011	*Never		Rises*	Aps	10.7	9.3	26
		NGC 6193		OC	16 41 20.0	-48 45 48.0	-1.38566	198.8079	06:20 PM	07:59 PM	09:45 PM	Ara	15	5.2	22
		NGC 6231	Table of Scorpius, Dunlop 520	C+N	16 54 10.0	-41 49 30.0	5.897288	199.2172	05:12 PM	08:12 PM	11:16 PM	Sco	15	2.6	22
		NGC 6302	Bug Nebula	PI	17 13 44.3	-37 06 11.5	11.56743	197.098	04:58 PM	08:31 PM	12:08 AM	Sco	0.8	13	22
		NGC 6352		Gb	17 25 29.1	-48 25 21.2	1.223318	191.9873	06:59 PM	08:43 PM	10:35 PM	Ara	7.1	8.2	22
		NGC 6397		Gb	17 40 41.8	-53 40 26.2	-3.37551	188.5043	*Never		Rises*	Ara	25.7	5.7	26
		NGC 6543	Cat Eye Nebula, PK 96+29.1	PI	17 58 33.4	+66 37 59.0	61.66582	351.6843	CPolar	CPolar	CPolar	Dra	5.8	9	3

Obs	Object ID	Other ID	Type	R.A.	Dec.	Alt	Azm	Rise	Transit	Set	Const	Size	Mag	SA 2000
KEPPLER SANNER SHOWPIECE	NGC 5812	MCG-01-38-016	Gx	15 00 54.0	-07 27 00.0	21.60928	240.1083	12:41 PM	06:19 PM	12:00 AM	Lib	2.3	11.2	14
	NGC 5878	MCG-02-39-006	Gx	15 13 48.0	-14 16 00.0	18.58152	232.7818	01:17 PM	06:32 PM	11:50 PM	Lib	3.2	11.5	14
	NGC 5907	Splinter Galaxy	Gx	15 15 54.0	+56 20 00.0	52.75511	314.9197	CPolar	CPolar	CPolar	Dra	11.8	10.3	2
	NGC 5897	GCL 33	Gb	15 17 24.0	-21 01 00.0	13.86609	227.6711	01:45 PM	06:35 PM	11:29 PM	Lib	8.7	8.6	21
	NGC 5898	ESO 514-2	Gx	15 18 12.0	-24 06 00.0	11.54285	225.5843	01:58 PM	06:36 PM	11:18 PM	Lib	2.6	11.4	21
	NGC 5904	M5	Gb	15 18 33.5	+02 04 56.7	31.5546	243.8853	12:28 PM	06:36 PM	12:49 AM	Ser	17.4	5.8	14
	NGC 5903	ESO 514-4	Gx	15 18 36.0	-24 04 00.0	11.62488	225.5311	01:58 PM	06:36 PM	11:18 PM	Lib	3.2	11.2	21
	NGC 5965	UGC 9914	Gx	15 34 00.0	+56 41 00.0	55.17427	316.1253	CPolar	CPolar	CPolar	Dra	4.7	11.7	2
	B228	Berkeley 148	DKNb	15 45 30.0	-34 24 00.0	6.520916	214.6683	03:14 PM	07:03 PM	10:56 PM	Lup	240	79.9	21
	NGC 5986	Dunlop 552	Gb	15 46 06.0	-37 47 00.0	3.726755	212.7488	03:35 PM	07:04 PM	10:37 PM	Lup	9.8	7.1	21
	NGC 6015	UGC 10075	Gx	15 51 24.0	+62 18 00.0	55.64865	326.7285	CPolar	CPolar	CPolar	Dra	5.4	11.1	2
	NGC 6093	M80	Gb	16 17 02.8	-22 58 31.8	19.86397	214.4911	02:52 PM	07:35 PM	12:21 AM	Sco	8.9	7.2	22
	NGC 6140	UGC 10359	Gx	16 21 00.0	+65 23 00.0	56.95349	334.4653	CPolar	CPolar	CPolar	Dra	6.3	11.3	3
	NGC 6121	M4	Gb	16 23 35.2	-26 31 34.7	17.41364	211.3587	03:13 PM	07:41 PM	12:13 AM	Sco	26.3	5.9	22
	NGC 6124	Dunlop 514	OC	16 25 18.0	-40 39 00.0	4.879978	204.6982	04:34 PM	07:43 PM	10:56 PM	Sco	29	5.8	22
	NGC 6178	OCL 980	OC	16 35 48.0	-45 39 00.0	1.11705	200.8845	05:29 PM	07:53 PM	10:21 PM	Sco	4	7.2	22
	NGC 6205	M13 - Great Cluster in Hercules, Th	Gb	16 41 41.2	+36 27 35.3	66.87185	273.2207	11:30 AM	07:59 PM	04:32 AM	Her	16.6	5.9	8
	NGC 6218	M12	Gb	16 47 14.4	-01 56 51.7	41.83948	218.7227	02:09 PM	08:05 PM	02:04 AM	Oph	14.5	6.6	15
	NGC 6231	Table of Scorpius, Dunlop 520	OC	16 54 12.0	-41 49 00.0	5.907248	199.2142	05:12 PM	08:12 PM	11:16 PM	Sco	15	2.6	22
	NGC 6242	OCL 1001	OC	16 55 36.0	-39 28 00.0	8.206086	199.7738	04:55 PM	08:13 PM	11:35 PM	Sco	9	6.4	22
	Tr 24	Harvard 12	OC	16 57 00.0	-40 40 00.0	7.167677	199.1094	05:05 PM	08:14 PM	11:27 PM	Sco	60	8.6	22
	NGC 6249	OCL 994	OC	16 57 42.0	-44 49 00.0	3.298607	197.5964	05:42 PM	08:15 PM	10:52 PM	Sco	6	8.2	22
	NGC 6281	OCL 1003	OC	17 04 42.0	-37 59 00.0	10.18926	198.5679	04:54 PM	08:22 PM	11:54 PM	Sco	200	5.4	22
	NGC 6322	OCL 1000	OC	17 18 24.0	-42 56 00.0	6.213486	194.5929	05:45 PM	08:36 PM	11:30 PM	Sco	10	6	22
	B 59,65-7	LDN 1773	DKNb	17 21 00.0	-27 00 00.0	21.69423	198.5304	04:13 PM	08:38 PM	01:08 AM	Oph	300	79.9	22
	B 72	LDN 66, S Nebula, Snake Nebula	DKNb	17 23 30.0	-23 38 00.0	25.08571	198.9544	04:01 PM	08:41 PM	01:25 AM	Oph	30	79.9	22
	NGC 6356	GCL 62	Gb	17 23 36.0	-17 49 00.0	30.67142	200.7918	03:39 PM	08:41 PM	01:47 AM	Oph	3.5	8.4	15
	NGC 6355	GCL 63	Gb	17 24 00.0	-26 21 00.0	22.50264	198.0264	04:13 PM	08:41 PM	01:14 AM	Oph	6.1	9.6	22
	NGC 6369	Little Ghost Nebula, PK 2+5.1	PI	17 29 18.0	-23 46 00.0	25.31032	197.5007	04:07 PM	08:47 PM	01:30 AM	Oph	0.5	11	22
	NGC 6383	NGC 6374	OC	17 34 42.0	-32 35 00.0	17.03392	193.9973	04:53 PM	08:52 PM	12:55 AM	Sco	20	5.5	22
	Tr 27	Cr 336	OC	17 36 12.0	-33 29 00.0	16.22538	193.4701	04:59 PM	08:54 PM	12:52 AM	Sco	7	6.7	22
	NGC 6388	GCL 70	Gb	17 36 18.0	-44 44 00.0	5.236955	191.0111	06:24 PM	08:54 PM	11:31 PM	Sco	8.7	6.9	22
	Tr 28	Cr 337	OC	17 36 48.0	-32 39 00.0	17.06614	193.5307	04:55 PM	08:54 PM	12:57 AM	Sco	8	7.7	22
	NGC 6400	OCL 1014	OC	17 40 12.0	-36 57 00.0	13.00617	191.8953	05:23 PM	08:58 PM	12:36 AM	Sco	12	8.8	22
	Tr 29	Cr 343	OC	17 41 36.0	-40 06 00.0	9.972166	190.9869	05:46 PM	08:59 PM	12:16 AM	Sco	9	7.5	22
	NGC 6416	OCL 1031	OC	17 44 18.0	-32 22 00.0	17.66576	191.9693	05:01 PM	09:02 PM	01:06 AM	Sco	14	5.7	22
	IC 4665	OCL 85	OC	17 46 18.0	+05 43 00.0	54.81483	202.9128	02:43 PM	09:04 PM	03:28 AM	Oph	41	4.2	15
	NGC 6503	UGC 11012	Gx	17 49 30.0	+70 09 00.0	58.06078	352.1853	CPolar	CPolar	CPolar	Dra	7	10.2	3
	NGC 6441	GCL 78	Gb	17 50 12.0	-37 03 00.0	13.27524	189.8612	05:34 PM	09:07 PM	12:45 AM	Sco	7.8	7.4	22
	NGC 6453	GCL 79	Gb	17 50 54.0	-34 36 00.0	15.71459	190.1388	05:20 PM	09:08 PM	01:00 AM	Sco	3.5	9.9	22
	Tr 30	Harvard 18	OC	17 56 30.0	-35 19 00.0	15.18651	188.8466	05:30 PM	09:14 PM	01:02 AM	Sco	10	8.8	22