

MESSIER	Obs	Object ID	Other ID	Type	R.A.	Dec.	Alt	Azm	Rise	Transit	Set	Const	Size	Mag	SA 2000
		NGC 3031	M81 - Bode's Nebula	Gx	09 55 33.2	+69 03 56.1	58.59	350.2	CPolar	CPolar	CPolar	UMa	25.7	6.9	2
		NGC 3034	M82 - Cigar Galaxy	Gx	09 55 52.7	+69 40 50.3	58.03	350.68	CPolar	CPolar	CPolar	UMa	11.2	8.4	2
		NGC 3623	M65 - in the Leo Triplett	Gx	11 18 55.8	+13 05 31.4	63.83	165.6	3:37 PM	10:21 PM	5:10 AM	Leo	10	9.3	13
		NGC 3627	M66 - in the Leo Triplett	Gx	11 20 15.0	+12 59 26.5	63.66	164.94	3:38 PM	10:23 PM	5:11 AM	Leo	8.7	9	13
		NGC 3351	M95	Gx	10 43 57.7	+11 42 12.8	63	184.92	3:06 PM	9:46 PM	4:30 AM	Leo	7.4	9.7	13
		NGC 3368	M96	Gx	10 46 45.7	+11 49 12.1	63.16	183.42	3:09 PM	9:49 PM	4:34 AM	Leo	7.1	9.2	13
		NGC 3587	M97 - Owl Nebula	PI	11 14 47.8	+55 01 08.2	73.21	10.82	CPolar	CPolar	CPolar	UMa	3.2	11.2	2
		NGC 3379	M105	Gx	10 47 49.6	+12 34 54.8	63.93	182.91	3:07 PM	9:50 PM	4:37 AM	Leo	4.5	9.3	13
	NGC 3556	M108 - Surfboard Galaxy	Gx	11 11 31.0	+55 40 26.4	72.68	8.76	CPolar	CPolar	CPolar	UMa	8.3	10.1	2	
	NGC 3992	M109	Gx	11 57 35.9	+53 22 28.7	71.57	31.62	CPolar	CPolar	CPolar	UMa	7.6	9.8	2	

CALDWELL	Obs	Object ID	Other ID	Type	R.A.	Dec.	Alt	Azm	Rise	Transit	Set	Const	Size	Mag	SA 2000
		NGC 3992	M109	Gx	11 57 35.9	+53 22 28.7	71.57	31.62	CPolar	CPolar	CPolar	UMa	7.6	9.8	2
		NGC 2775		Gx	09 10 20.2	+07 02 15.6	50.82	222.92	1:49 PM	8:13 PM	2:42 AM	Cnc	4.5	10.3	12
		NGC 3115	Spindle Galaxy, MCG-01-26-018	Gx	10 05 14.0	-07 43 07.6	42.34	196.13	3:31 PM	9:08 PM	2:49 AM	Sex	8.3	9.2	13
		NGC 3242	Ghost of Jupiter, Eye Nebula, CBS	PI	10 24 46.2	-18 38 33.8	32.35	187.94	4:28 PM	9:27 PM	2:31 AM	Hya	20.8	9	13
		NGC 3132	Eight-Burst Planetary, Southern Rir	PI	10 07 01.7	-40 26 10.9	10.24	188.88	6:01 PM	9:10 PM	12:26 AM	Vel	0.8	8	20
	NGC 3201		Gb	10 17 37.0	-46 24 45.3	4.59	186.12	7:06 PM	9:20 PM	11:43 PM	Vel	18.2	6.8	20	

KEPPLER SANNER SHOWPIECE	Obs	Object ID	Other ID	Type	R.A.	Dec.	Alt	Azm	Rise	Transit	Set	Const	Size	Mag	SA 2000
		NGC 2818	PK 261+8.1	PI	09 16 00.0	-36 36 00.0	11.51	199.68	4:41 PM	8:19 PM	12:01 AM	Pyx	0.6	11.9	20
		NGC 2818	PK 261+8.1	OC	09 16 00.0	-36 38 00.0	11.48	199.67	4:41 PM	8:19 PM	12:00 AM	Pyx	0.6	8.2	20
		NGC 2841	UGC 4966	Gx	09 22 00.0	+50 59 00.0	69.8	315.11	CPolar	CPolar	CPolar	UMa	7.7	9.2	6
		NGC 2903	UGC 5079	Gx	09 32 12.0	+21 30 00.0	65.62	231.18	1:20 PM	8:35 PM	3:54 AM	Leo	12	9	6
		NGC 2997	ESO 434-35	Gx	09 45 36.0	-31 11 00.0	18.44	195.17	4:41 PM	8:48 PM	12:59 AM	Ant	9.2	9.4	20
		NGC 2976	UGC 5221	Gx	09 47 12.0	+67 55 00.0	59.33	347.94	CPolar	CPolar	CPolar	UMa	6.2	10.2	2
		NGC 3003	UGC 5251	Gx	09 48 36.0	+33 25 00.0	75.98	253.12	12:42 PM	8:51 PM	5:05 AM	LMi	5.7	11.9	6
		NGC 3031	M81 - Bode's Nebula	Gx	09 55 33.2	+69 03 56.1	58.59	350.2	CPolar	CPolar	CPolar	UMa	25.7	6.9	2
		NGC 3034	M82 - Cigar Galaxy	Gx	09 55 52.7	+69 40 50.3	58.03	350.68	CPolar	CPolar	CPolar	UMa	11.2	8.4	2
		NGC 3115	Spindle Galaxy, MCG-01-26-018	Gx	10 05 12.0	-07 43 00.0	42.34	196.14	3:31 PM	9:08 PM	2:49 AM	Sex	7.3	8.9	13
		NGC 3175	ESO 436-3	Gx	10 14 42.0	-28 52 00.0	21.91	189.05	4:59 PM	9:17 PM	1:39 AM	Ant	5.1	11.2	20
		NGC 3184	UGC 5557	Gx	10 18 18.0	+41 25 00.0	82.79	295.49	12:18 PM	9:21 PM	6:28 AM	UMa	7.6	9.8	6
		NGC 3242	Ghost of Jupiter, Eye Nebula, CBS	PI	10 24 48.0	-18 39 00.0	32.34	187.93	4:28 PM	9:27 PM	2:31 AM	Hya	0.67	8.6	13
		NGC 3344	UGC 5840	Gx	10 43 30.0	+24 55 00.0	76.14	189.1	2:17 PM	9:46 PM	5:19 AM	LMi	7.1	9.9	6
		NGC 3351	M95	Gx	10 43 57.7	+11 42 12.8	63	184.92	3:06 PM	9:46 PM	4:30 AM	Leo	7.4	9.7	13
		NGC 3368	M96	Gx	10 46 45.7	+11 49 12.1	63.16	183.42	3:09 PM	9:49 PM	4:34 AM	Leo	7.1	9.2	13
		NGC 3379	M105	Gx	10 47 49.6	+12 34 54.8	63.93	182.91	3:07 PM	9:50 PM	4:37 AM	Leo	4.5	9.3	13
		NGC 3486	UGC 6079	Gx	11 00 24.0	+28 59 00.0	80.24	170.51	2:16 PM	10:03 PM	5:54 AM	LMi	6.8	10.5	6
		NGC 3504	UGC 6118	Gx	11 03 12.0	+27 58 00.0	79.13	168.06	2:23 PM	10:06 PM	5:52 AM	LMi	2.7	11	6
		NGC 3504	UGC 6118	Gx	11 03 12.0	+27 58 00.0	79.13	168.06	2:23 PM	10:06 PM	5:52 AM	LMi	2.7	11	6
		NGC 3511	ESO 502-13	Gx	11 03 24.0	-23 05 00.0	28.24	177.3	5:23 PM	10:06 PM	2:53 AM	Crt	6	11	20
		NGC 3521	UGC 6150	Gx	11 05 48.0	+00 02 00.0	51.3	174.91	4:06 PM	10:08 PM	4:14 AM	Leo	11.2	9	13
		NGC 3556	M108 - Surfboard Galaxy	Gx	11 11 31.0	+55 40 26.4	72.68	8.76	CPolar	CPolar	CPolar	UMa	8.3	10.1	2
		NGC 3623	M65 - in the Leo Triplett	Gx	11 18 55.8	+13 05 31.4	63.83	165.6	3:37 PM	10:21 PM	5:10 AM	Leo	10	9.3	13
		NGC 3627	M66 - in the Leo Triplett	Gx	11 20 15.0	+12 59 26.5	63.66	164.94	3:38 PM	10:23 PM	5:11 AM	Leo	8.7	9	13
		NGC 3628	Leo Triplett with M65 and M66	Gx	11 20 18.0	+13 35 00.0	64.24	164.63	3:36 PM	10:23 PM	5:13 AM	Leo	13.1	9.5	13
		NGC 3672	MCG-02-29-028	Gx	11 25 00.0	-09 48 00.0	41	169.55	4:57 PM	10:27 PM	4:02 AM	Crt	4	11.4	13
		NGC 3887	MCG-03-30-012	Gx	11 47 06.0	-16 51 00.0	33.1	164.53	5:43 PM	10:49 PM	4:00 AM	Crt	3.5	10.6	13
		NGC 3955	ESO 504-26	Gx	11 54 00.0	-23 10 00.0	26.58	164.33	6:18 PM	10:56 PM	3:43 AM	Crt	3.1	11.9	20
		NGC 3962	MCG-02-30-040	Gx	11 54 42.0	-13 59 00.0	35.45	161.55	5:41 PM	10:57 PM	4:17 AM	Crt	3.4	10.7	13
		NGC 4027	ESO 572-37	Gx	11 59 30.0	-19 16 00.0	30.05	161.84	6:08 PM	11:02 PM	4:03 AM	Crv	3.3	11.1	20