

	Obs	Object ID	Other ID	Type	R.A.	Dec.	Alt	Azm	Rise	Transit	Set	Const	Size	Mag	SA 2000
<b>MESSIER</b>		NGC 205	M110 - Satellite to M31	Gx	00 40 22.2	+41 41 07.3	70.91305	286.4332	11:09 AM	08:17 PM	05:28 AM	And	17.4	8	4
		NGC 221	M32 - A satellite of M31	Gx	00 42 41.9	+40 51 54.2	71.33928	283.8788	11:18 AM	08:19 PM	05:23 AM	And	7.6	8.2	4
		NGC 224	M31 - Andromeda Galaxy	Gx	00 42 44.3	+41 16 08.1	71.35531	285.1408	11:15 AM	08:19 PM	05:26 AM	And	178	3.5	4
		NGC 581	M103	OC	01 33 23.0	+60 39 00.0	67.04712	345.3865	CPolar	CPolar	CPolar	Cas	6	7.4	1
		NGC 598	M33 - Triangulum Galaxy, Maytag	Gx	01 33 50.9	+30 39 36.6	77.52721	232.3343	01:13 PM	09:10 PM	05:10 AM	Tri	62	5.7	4
		NGC 628	M74	Gx	01 36 41.8	+15 47 00.6	65.06458	205.2018	02:18 PM	09:13 PM	04:11 AM	Psc	10.2	9.2	10
		NGC 650	M76 - Little Dumbbell Nebula, Barb	PI	01 42 19.6	+51 34 33.0	75.71459	335.8619	CPolar	CPolar	CPolar	Per	4.8	12	4
		NGC 1039	M34 - Spiral Cluster	OC	02 42 05.0	+42 45 42.0	84.24905	45.58909	01:01 PM	10:18 PM	07:39 AM	Per	35	5.2	4
		NGC 1068	M77 - Cetus A	Gx	02 42 40.7	-00 01 11.9	50.75797	170.8973	04:17 PM	10:18 PM	04:24 AM	Cet	6.9	8.8	10
		M45	M45 - Pleiades, Subaru, The Seven	OC	03 43 54.0	+23 58 00.0	66.76593	123.6985	03:54 PM	11:20 PM	06:49 AM	Tau	100	2	4
<b>CALDWELL</b>		NGC 7814		Gx	00 03 15.0	+16 08 43.4	52.53297	242.3249	12:44 PM	07:39 PM	02:39 AM	Peg	6.3	10.5	17
		NGC 40	Bowtie Nebula, PK 120+9.1	PI	00 13 00.9	+72 31 19.2	52.89762	344.846	CPolar	CPolar	CPolar	Cep	0.6	11	1
		NGC 55		Gx	00 15 08.0	-39 13 12.0	6.863248	203.8006	04:32 PM	07:51 PM	11:15 PM	Sci	32.4	8	18
		NGC 104	47 Tucanae	Gb	00 24 05.4	-72 04 51.9	-22.79	189.2822	*Never		Rises*	Tuc	30.9	4	24
		NGC 147		Gx	00 33 11.9	+48 30 27.1	68.61809	305.4705	09:38 AM	08:09 PM	06:45 AM	Cas	12.9	9.3	4
		NGC 185		Gx	00 38 57.6	+48 20 13.7	69.58089	305.8228	09:47 AM	08:15 PM	06:48 AM	Cas	11.5	9.2	4
		NGC 246		PI	00 47 03.4	-11 52 19.3	34.85096	207.972	03:00 PM	08:23 PM	01:50 AM	Cet	3.8	8	10
		NGC 247		Gx	00 47 08.5	-20 45 36.6	26.55481	204.2556	03:32 PM	08:23 PM	01:18 AM	Cet	20	8.9	18
		NGC 188		OC	00 47 28.0	+85 15 18.0	43.2058	357.4523	CPolar	CPolar	CPolar	Cep	14	8.1	1
		NGC 253	Sculptor Galaxy, Silver Coin, Silver	Gx	00 47 33.0	-25 17 17.8	22.32071	202.4889	03:51 PM	08:24 PM	01:01 AM	Sci	25.1	7.1	18
		NGC 300		Gx	00 54 53.4	-37 41 03.2	11.00342	196.9532	05:01 PM	08:31 PM	12:05 AM	Sci	20	9	18
		NGC 362		Gb	01 03 13.9	-70 50 53.9	-20.5748	186.5902	*Never		Rises*	Tuc	12.9	6.6	24
		IC 1613		Gx	01 04 59.1	+02 09 11.0	49.52145	209.5392	02:32 PM	08:41 PM	02:54 AM	Cet	12	9.3	10
		NGC 457	Dragonfly Cluster, Owl Cluster, ET	OC	01 19 35.0	+58 17 12.0	68.29571	338.3699	CPolar	CPolar	CPolar	Cas	13	6.4	1
		NGC 559		OC	01 29 31.0	+63 18 24.0	64.42786	346.9338	CPolar	CPolar	CPolar	Cas	4	9.5	1
		NGC 663		OC	01 46 09.0	+61 14 06.0	67.03571	349.6343	CPolar	CPolar	CPolar	Cas	16	7.1	1
		NGC 752		OC	01 57 41.0	+37 47 06.0	85.54874	257.6571	12:56 PM	09:34 PM	06:15 AM	And	50	5.7	4
		NGC 869	Double Cluster in Perseus, h Perse	OC	02 19 00.0	+57 07 42.0	71.73797	359.6954	CPolar	CPolar	CPolar	Per	30	4	1
		NGC 884	Double Cluster in Perseus, Chi Per	OC	02 22 18.0	+57 08 12.0	71.72504	1.123413	CPolar	CPolar	CPolar	Per	30	4	1
		NGC 891		Gx	02 22 33.2	+42 20 53.9	86.47663	8.600547	12:45 PM	09:58 PM	07:15 AM	And	13.5	10	4
		NGC 1097		Gx	02 46 09.9	-30 13 43.2	20.63019	173.8945	06:11 PM	10:22 PM	02:37 AM	For	9.3	9.3	18
		NGC 1261		Gb	03 12 15.7	-55 12 57.1	-4.75082	172.5228	*Never		Rises*	Hor	6.9	8.4	24
		NGC 1275	Perseus A, 3C84, UGC 2669	Gx	03 19 48.2	+41 30 42.1	78.23783	72.23061	01:50 PM	10:56 PM	08:05 AM	Per	2.6	11.6	4
		IC 342		Gx	03 46 48.6	+68 05 46.2	58.4236	15.32547	CPolar	CPolar	CPolar	Cam	17.8	9	1

Obs	Object ID	Other ID	Type	R.A.	Dec.	Alt	Azm	Rise	Transit	Set	Const	Size	Mag	SA 2000
	Blanco 1		OC	00 04 18.0	-29 56 00.0	14.31476	209.8807	03:28 PM	07:41 PM	11:57 PM	ScI	90	4.5	18
	NGC 24	ESO 472-16	Gx	00 09 54.0	-24 58 00.0	19.31533	211.0274	03:12 PM	07:46 PM	12:24 AM	ScI	6.1	11.6	18
	NGC 128	UGC 292	Gx	00 29 12.0	+02 52 00.0	46.08442	221.8898	01:54 PM	08:05 PM	02:20 AM	Psc	2.8	11.8	17
	NGC 129	OCL 294	OC	00 30 00.0	+60 13 00.0	62.61129	330.1757	CPolar	CPolar	CPolar	Cas	21	6.5	1
	NGC 134	ESO 350-23	Gx	00 30 24.0	-33 15 00.0	13.5574	203.2598	04:11 PM	08:07 PM	12:06 AM	ScI	8.4	10.4	18
	NGC 157	MCG-02-02-056	Gx	00 34 48.0	-08 24 00.0	36.81952	213.1	02:36 PM	08:11 PM	01:50 AM	Cet	4.1	10.4	10
	NGC 225	Sailboat Cluster, OCL 305	OC	00 43 36.0	+61 46 00.0	62.78215	335.0951	CPolar	CPolar	CPolar	Cas	12	7	1
	NGC 278	UGC 528	Gx	00 52 06.0	+47 33 00.0	71.91768	305.7951	10:14 AM	08:28 PM	06:47 AM	Cas	2.4	10.8	4
	NGC 288	ESO 474-SC37	Gb	00 52 48.0	-26 35 00.0	21.47075	200.8375	04:01 PM	08:29 PM	01:00 AM	ScI	13.8	8.1	18
	NGC 488	UGC 907	Gx	01 21 48.0	+05 15 00.0	53.91514	205.0009	02:39 PM	08:58 PM	03:21 AM	Psc	5.4	10.3	10
	NGC 578	ESO 476-15	Gx	01 30 30.0	-22 40 00.0	27.39699	192.7927	04:23 PM	09:07 PM	01:54 AM	Cet	4.8	10.9	18
	NGC 613	ESO 413-11	Gx	01 34 18.0	-29 25 00.0	20.90081	190.5746	04:56 PM	09:10 PM	01:29 AM	ScI	5.2	10.1	18
	NGC 604		Gx	01 34 36.0	+30 47 00.0	77.72887	232.2201	01:13 PM	09:11 PM	05:12 AM	Tri	2	99.9	4
	NGC 654	OCL 330	OC	01 44 00.0	+61 53 00.0	66.34066	349.5016	CPolar	CPolar	CPolar	Cas	5	6.5	1
	NGC 659	OCL 332	OC	01 44 24.0	+60 40 00.0	67.51346	348.6661	CPolar	CPolar	CPolar	Cas	5	7.9	1
	NGC 669	UGC 1248	Gx	01 47 18.0	+35 34 00.0	82.75774	245.4039	01:00 PM	09:23 PM	05:51 AM	Tri	3.1	12.3	4
	NGC 670	UGC 1250	Gx	01 47 24.0	+27 53 00.0	77.12477	213.8666	01:40 PM	09:23 PM	05:10 AM	Tri	2.1	12.7	4
	NGC 672	UGC 1256	Gx	01 47 54.0	+27 26 00.0	76.78348	212.4777	01:43 PM	09:24 PM	05:09 AM	Tri	7.5	10.9	4
	Cr 21		OC	01 50 06.0	+27 15 00.0	76.84306	210.205	01:46 PM	09:26 PM	05:10 AM	Tri	6	8.2	4
	NGC 684	IC 165	Gx	01 50 12.0	+27 39 00.0	77.21096	210.9114	01:44 PM	09:26 PM	05:12 AM	Tri	3.4	12.4	4
	NGC 744	OCL 345	OC	01 58 30.0	+55 28 00.0	73.02553	349.6658	CPolar	CPolar	CPolar	Per	11	7.9	1
	NGC 772	UGC 1466	Gx	01 59 18.0	+19 00 00.0	69.64748	193.9874	02:29 PM	09:35 PM	04:46 AM	Ari	7.5	10.3	4
	NGC 784	UGC 1501	Gx	02 01 18.0	+28 50 00.0	79.26792	202.1697	01:50 PM	09:37 PM	05:29 AM	Tri	6.6	11.7	4
	Stock 5		OC	02 04 30.0	+64 26 00.0	64.33539	356.2127	CPolar	CPolar	CPolar	Cas	15	7	1
	Stock 2		OC	02 15 00.0	+59 16 00.0	69.58623	358.2771	CPolar	CPolar	CPolar	Cas	60	4.4	1
	NGC 877	UGC 1768	Gx	02 18 00.0	+14 33 00.0	65.68044	181.0009	03:04 PM	09:54 PM	04:48 AM	Ari	2.4	11.9	10
	NGC 925	UGC 1913	Gx	02 27 18.0	+33 35 00.0	84.49942	163.2603	01:51 PM	10:03 PM	06:19 AM	Tri	10.9	10.1	4
	NGC 949	UGC 1983	Gx	02 30 48.0	+37 08 00.0	87.21038	127.5501	01:33 PM	10:07 PM	06:44 AM	Tri	2.7	11.8	4
	Mel 15	Cr 26	OC	02 32 36.0	+61 27 00.0	67.32895	3.998936	CPolar	CPolar	CPolar	Cas	21	6.6	1
	21805		OC	02 32 42.0	+61 27 00.0	67.32759	4.029732	CPolar	CPolar	CPolar	Cas	21	4.8	1
	NGC 957	OCL 362	OC	02 33 18.0	+57 34 00.0	71.16915	5.653856	CPolar	CPolar	CPolar	Per	11	7.6	1
	NGC 972	UGC 2045	Gx	02 34 12.0	+29 19 00.0	79.99201	161.5095	02:20 PM	10:10 PM	06:04 AM	Ari	3.3	11.4	4
	Tr 2	Cr 29	OC	02 37 18.0	+55 59 00.0	72.63526	8.266536	CPolar	CPolar	CPolar	Per	20	5.9	1
	NGC 1023	UGC 2154	Gx	02 40 24.0	+39 04 00.0	85.9726	85.52824	01:30 PM	10:16 PM	07:07 AM	Per	8.1	9.4	4
	NGC 1027	OCL 357	OC	02 42 36.0	+61 36 00.0	66.99442	6.971853	CPolar	CPolar	CPolar	Cas	20	6.7	1
	NGC 1097	ESO 416-20	Gx	02 46 18.0	-30 17 00.0	20.57298	173.8691	06:12 PM	10:22 PM	02:37 AM	For	9.4	9.5	18
	NGC 1087	UGC 2245	Gx	02 46 24.0	+00 30 00.0	51.14886	169.3232	04:19 PM	10:22 PM	04:30 AM	Cet	3.9	10.9	10
	IC 1848		OC	02 51 12.0	+60 26 00.0	67.87556	10.3401	CPolar	CPolar	CPolar	Cas	18	0	1
	IC 1848	OCL 364	C+N	02 51 24.0	+60 25 00.0	67.88453	10.41551	CPolar	CPolar	CPolar	Cas	40	6.5	1

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