

Deep Sky Object List (1/2)

Messier	Caldwell	Best NGC	Clark	Herschel 400	Herschel-II	RASC	TAAS200	Object	Type	Con.	R.A. (h m)	Dec. (° ')	Mag.	Size max	Size min	P.A. (°)	Class	NGC Description	Chart No.
								NGC 7456	GALXY	GRU	23 02.2	-39 34	11.8	5.1 m	1.8 m	23	Sc	vF,L,mE34,vglbM	110
								NGC 7462	GALXY	GRU	23 02.8	-40 50	11.7	4.3 m	0.8 m	75	SBbc	cF,pS,vmE5,*11 np	110
								NGC 7496	GALXY	GRU	23 09.8	-43 26	11.1	3.3 m	3.1 m		SBb	pB,cL,IE,vgbM *13	110
								NGC 7531	GALXY	GRU	23 14.8	-43 36	11.3	4.5 m	1.7 m	15	Sbc	pB,S,IE,pgbM	110
								NGC 7552	GALXY	GRU	23 16.2	-42 35	10.6	3.4 m	3 m	1	SBab	B,S,mE90,vsbM *13	110
			x					NGC 7582	GALXY	GRU	23 18.4	-42 22	10.6	5 m	2.3 m	157	SBab	pB,L,pmE,gbM	110
			x					NGC 7590	GALXY	GRU	23 18.9	-42 14	11.5	2.6 m	1 m	36	Sbc	pB,pL,pmE,gbM,p of 2	110
			x					NGC 7599	GALXY	GRU	23 19.3	-42 16	11.5	4.4 m	1.4 m	57	SBc	F,pL,pmE,gbM,f of 2	110
								NGC 7632	GALXY	GRU	23 22.0	-42 29	12.1	2.4 m	1.2 m	92	SBO Ring	F,S,R,lbM	110
								IC 5325	GALXY	PHE	23 28.7	-41 20	11.3	2.8 m	2.5 m		SBbc	F,S,R,gbM, * sp 1'	110
								NGC 7676	GALXY	TUC	23 29.0	-59 43	12.5	1.6 m	0.9 m	85	E-SO	B,S,IE,vsvmbM *11	110
								NGC 7690	GALXY	PHE	23 33.0	-51 42	12.4	2.1 m	0.8 m	132	Sb	cB,S,IE,psbM,*8 f	110
								IC 5328	GALXY	PHE	23 33.3	-45 01	11.4	2.4 m	1.5 m	40	E5	vF,S,R, bet 2 stars	110

Deep Sky Object List (2/2)

Messier	Caldwell	Best NGC	Clark	Herschel 400	Herschel-II	RASC	TAAS200	Object	Type	Con.	R.A. (h m)	Dec. (° ')	Mag.	Size max	Size min	P.A. (°)	Class	NGC Description	Chart No.
								NGC 7689	GALXY	PHE	23 33.3	-54 06	11.5	2.8 m	1.9 m	162	SBc	pF,L,R,vgbM	110
								NGC 7702	GALXY	PHE	23 35.5	-56 01	12.2	2.1 m	1.2 m	117	SBO-a Ring	B,cS,E,g,sbM,*8-9 p	110
								NGC 7713	GALXY	SCL	23 36.3	-37 56	11.2	4.5 m	1.8 m	168	SBcd	pB,L,E,vgbM	110
								NGC 7713A	GALXY	SCL	23 37.1	-37 43	12.5	1.6 m	1.3 m		SBc		110
								NGC 7744	GALXY	PHE	23 45.0	-42 55	11.9	2.2 m	1.8 m	105	E-SO Bar	cB,S,vIE,svmbM *14	110
								NGC 7764	GALXY	PHE	23 50.9	-40 44	12.2	2 m	1.5 m	148	SB	B,pL,R,gbM	110
								NGC 7796	GALXY	PHE	23 59.0	-55 28	11.5	2.2 m	1.9 m	168	Elliptical	pB,cS,R,gmbM	110

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								NGC 7166	GALXY	GRU	22 00.5	-43 23	11.9	2.4 m	0.9 m	14	E-SO	cB,S,vIE,smbMN	111
								NGC 7168	GALXY	IND	22 02.1	-51 45	11.9	1.9 m	1.4 m	68	Elliptical	pB,S,R,psbM	111
								IC 5152	GALXY	IND	22 02.7	-51 18	10.6	5.5 m	4 m	100	Ir	F,cL,cE 150 degrees, cbM	111
								NGC 7196	GALXY	IND	22 05.9	-50 07	11.5	2.5 m	1.9 m	53	Elliptical	cB,S,R,am st	111
								NGC 7205	GALXY	IND	22 08.6	-57 27	10.9	4 m	2 m	73	Sbc	pB,L,cE,gpslbM	111
								NGC 7213	GALXY	GRU	22 09.3	-47 10	10.1	3.7 m	3.4 m		Sa	vB,pS,R,gbM	111
								IC 5181	GALXY	GRU	22 13.4	-46 01	11.5	2.5 m	0.9 m	74	SA0		111
								NGC 7232	GALXY	GRU	22 15.6	-45 51	12	2.6 m	1 m	99	SBa	pB,S,pmE,psbM,p of 2	111
								NGC 7233	GALXY	GRU	22 15.8	-45 51	12.5	1.7 m	1.3 m	133	SBO-a	F,vS,R,*8 f,f of 2	111
								IC 5201	GALXY	GRU	22 21.0	-46 02	10.6	7.8 m	4 m	33	SBc		111
								IC 5240	GALXY	GRU	22 41.9	-44 46	11.9	2.8 m	1.8 m	100	SBa	pF,pL,R, F * sf	111
								NGC 7368	GALXY	GRU	22 45.5	-39 21	12.4	2.9 m	0.6 m	130	SBb	F,cS,IE,glbM	111
			x					NGC 7410	GALXY	GRU	22 55.0	-39 40	10.3	5.5 m	1.5 m	45	SBa	cB,L,vmE43,mbM	111

Deep Sky Object List (2/2)

Messier	Caldwell	Best NGC	Clark	Herschel 400	Herschel-II	RASC	TAAS200	Object	Type	Con.	R.A. (h m)	Dec. (° ')	Mag.	Size max	Size min	P.A. (°)	Class	NGC Description	Chart No.
								NGC 7412	GALXY	GRU	22 55.8	-42 39	11.4	3.8 m	2.8 m	65	SBb	eF,vL,*7 nf	111
			x					NGC 7418	GALXY	GRU	22 56.6	-37 02	10.9	3.8 m	2.7 m	139	SBc	cB,vL,vIE,vglbM	111
								NGC 7421	GALXY	GRU	22 56.9	-37 21	11.9	2 m	1.9 m		SBab	cB,L,vIE,gpmbM,rr	111
								IC 5267	GALXY	GRU	22 57.2	-43 24	10.5	5.4 m	3.5 m	140	Sa(s)	pB,S,R,mbM	111
								NGC 7424	GALXY	GRU	22 57.3	-41 04	10.5	10 m	8.2 m		SBc	F,cL,vIE,vgmbM	111
								IC 5273	GALXY	GRU	22 59.4	-37 42	11.4	2.6 m	1.7 m	56	SBc	vF,cL,IE,4 stars preceeding	111

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Messier	Caldwell	Best NGC	Clark	Herschel 400	Herschel-II	RASC	TAAS200	Object	Type	Con.	R.A. (h m)	Dec. (° ')	Mag.	Size max	Size min	P.A. (°)	Class	NGC Description	Chart No.
						99		NGC 6990	GALXY	IND	21 00.0	-55 34	14	1.2 m	0.5 m	178	Sa	eeF,vS,vmE0,*13 att n	112
								NGC 7002	GALXY	IND	21 03.8	-49 02	12.4	1.5 m	1.2 m	3	Elliptical	cF,cS,R,bM	112
								NGC 7007	GALXY	IND	21 05.5	-52 33	12	2 m	1.2 m	2	E-SO	pB,S,R,psbM,am st	112
								NGC 7014	GALXY	IND	21 07.9	-47 11	12.4	1.7 m	1.4 m	130	Elliptical	pF,S,R,bM,2*12n	112
								NGC 7029	GALXY	IND	21 11.9	-49 17	11.5	2.5 m	1.4 m	71	Elliptical	B,cS,R,pgmbM	112
								NGC 7038	GALXY	IND	21 15.1	-47 13	11.9	3.1 m	1.4 m	127	SBc	pB,pL,IE,gbM	112
								NGC 7041	GALXY	IND	21 16.5	-48 22	11.2	3.6 m	1.5 m	85	E-SO	B,cS,cE,psmbM,*10f	112
								NGC 7049	GALXY	IND	21 19.0	-48 34	10.7	4.5 m	3 m	57	SO	vB,pS,E,mbM	112
								IC 5105	GALXY	MIC	21 24.4	-40 32	11.6	2.6 m	1.5 m	40	Elliptical	vF,vS,R,st n & s	112
								NGC 7059	GALXY	PAV	21 27.4	-60 01	11.9	3.3 m	1.7 m	98	SBc	B,pL,IC,gpmbM	112
								NGC 7064	GALXY	IND	21 29.1	-52 46	12.5	3.8 m	0.7 m	91	SBc	eF,pL,vmE91,*s	112
								NGC 7070	GALXY	GRU	21 30.4	-43 05	12.3	2.4 m	1.9 m		SBc	F,cL,IE,gvlbM,p of 2	112
								NGC 7070A	GALXY	GRU	21 31.8	-42 51	12.3	2.1 m	1.9 m	167	Sa		112

Deep Sky Object List (2/2)

Messier	Caldwell	Best NGC	Clark	Herschel 400	Herschel-II	RASC	TAAS200	Object	Type	Con.	R.A. (h m)	Dec. (° ')	Mag.	Size max	Size min	P.A. (°)	Class	NGC Description	Chart No.
								NGC 7079	GALXY	GRU	21 32.6	-44 04	11.6	2 m	1.2 m	82	SBO	B,R,cS,psbM	112
								NGC 7090	GALXY	IND	21 36.5	-54 33	10.7	7.3 m	1.2 m	127	SBc	pB,pL,vmE127,g,pslbM	112
								NGC 7097	GALXY	GRU	21 40.2	-42 32	11.7	1.8 m	1.2 m	20	Elliptical	B,S,vIE,mbM	112
								NGC 7124	GALXY	IND	21 48.1	-50 34	12.3	2.8 m	1.1 m	143	SBbc	pB,L,pmE,vgbM	112
								NGC 7126	GALXY	IND	21 49.3	-60 37	12.2	2.8 m	1.3 m	80	Sc	pB,pS,IE,gbM,nf of 2	112
								NGC 7125	GALXY	IND	21 49.3	-60 43	12.4	3 m	2.1 m	110	SBc	eF,pL,R,sp of 2	112
								NGC 7141	GALXY	IND	21 52.3	-55 34	11.5	4.1 m	3 m	18	SBbc	F,L,R,gpsmbM,(=7140)	112
								NGC 7144	GALXY	GRU	21 52.7	-48 15	10.8	3.7 m	3.6 m		Elliptical	vB,pS,R,mbMN	112
								NGC 7145	GALXY	GRU	21 53.3	-47 53	11.1	2.5 m	2.3 m		Elliptical	B,S,R,in triangle of st 13	112
								NGC 7155	GALXY	IND	21 56.2	-49 31	12.2	2.3 m	2 m	4	SBO	pB,S,IE,mbM	112
								IC 5148	PLNNB	GRU	21 59.6	-39 23	11	120 s			4	pB,L,IE,* att,annular	112

Deep Sky Object List (1/2)

Messier	Caldwell	Best NGC	Clark	Herschel 400	Herschel-II	RASC	TAAS200	Object	Type	Con.	R.A. (h m)	Dec. (° ')	Mag.	Size max	Size min	P.A. (°)	Class	NGC Description	Chart No.
								NGC 6848	GALXY	TEL	20 02.8	-56 05	12.5	2.4 m	1 m	157	Sa	cF,cL,R,vglbM,2st f	113
								NGC 6850	GALXY	TEL	20 03.5	-54 51	12.5	2.1 m	1.1 m	153	SBO-a	vF,S,R,bM	113
								NGC 6851	GALXY	TEL	20 03.6	-48 17	11.8	2 m	1.5 m	160	E4	pF,S,vIE,psbM	113
								NGC 6854	GALXY	TEL	20 05.6	-54 23	12.2	2 m	1.3 m	166	E2	F,S,vIE,glbM	113
								NGC 6849	GALXY	SGR	20 06.3	-40 12	12.1	1.9 m	1.1 m	18	E-SO Bar	pB,S,R,vS* np	113
								NGC 6861	GALXY	TEL	20 07.3	-48 22	11.1	3 m	2 m	140	E-SO Bar	B,S,cE,gpmbM	113
								NGC 6861D	GALXY	TEL	20 08.3	-48 13	12.4	2.1 m	0.7 m	154	E-SO		113
								NGC 6868	GALXY	TEL	20 09.9	-48 23	10.6	3.6 m	2.8 m	86	E2	vB,S,R,pgvmbM	113
								NGC 6870	GALXY	TEL	20 10.2	-48 17	12.3	2.6 m	1.3 m	85	Sab	cF,cS,E90,gbM	113
								NGC 6875	GALXY	TEL	20 13.2	-46 10	12.1	2.4 m	1.4 m	22	E6	F,vS,R,vgmbM,*7 nf	113
								NGC 6887	GALXY	TEL	20 17.3	-52 48	12.1	3.2 m	1.3 m	102	Sbc	pF,cL,pmE,glbM	113
								NGC 6890	GALXY	SGR	20 18.3	-44 48	12.3	1.6 m	1.3 m	152	SBb	pF,S,R,vglbM	113
								NGC 6893	GALXY	TEL	20 20.8	-48 14	11.8	2.6 m	1.7 m	10	SBO Ring	pF,S,R,svbM*12	113

Deep Sky Object List (2/2)

Messier	Caldwell	Best NGC	Clark	Herschel 400	Herschel-II	RASC	TAAS200	Object	Type	Con.	R.A. (h m)	Dec. (° ')	Mag.	Size max	Size min	P.A. (°)	Class	NGC Description	Chart No.
								IC 4946	GALXY	SGR	20 24.0	-44 00	11.8	2.4 m	1 m	68	SBO-a	eF,S,R	113
								New 5	GALXY	SGR	20 24.0	-44 00	12.4	1.4 m	0.5 m		SO	F,S,mE	113
								NGC 6902	GALXY	SGR	20 24.5	-43 39	10.9	6.1 m	4.1 m	153	SBa	F,cS,R,bM	113
								NGC 6909	GALXY	TEL	20 27.6	-47 02	11.7	2.2 m	1.1 m	68	E6	pB,pL,gbM,2*10 nr	113
								NGC 6935	GALXY	IND	20 38.3	-52 07	12	2.1 m	1.8 m		SBa	pB,cL,R,glbM,r,p of 2	113
								NGC 6942	GALXY	IND	20 40.6	-54 18	11.8	2.1 m	1.6 m	150	SBO-a	pB,pL,R,pslbM	113
								NGC 6958	GALXY	MIC	20 48.7	-38 00	11.4	2.1 m	1.6 m	107	E1	B,cS,R,pgmbM,4*p	113
								IC 5063	GALXY	IND	20 52.0	-57 04	11.9	2.4 m	1.5 m	116	SAO	bM	113
								NGC 6987	GALXY	IND	20 58.2	-48 38	12.4	1.4 m	1.2 m		Elliptical	pF,S,vIE,gpmbM,B*p1'	113

Deep Sky Object List (1/2)

Messier	Caldwell	Best NGC	Clark	Herschel 400	Herschel-II	RASC	TAAS200	Object	Type	Con.	R.A. (h m)	Dec. (° ')	Mag.	Size max	Size min	P.A. (°)	Class	NGC Description	Chart No.
								NGC 6721	GALXY	PAV	19 00.8	-57 46	12	1.6 m	1.4 m	155	E0	pF,cS,R,vmbM	114
								NGC 6725	GALXY	TEL	19 01.9	-53 52	12.2	2.2 m	0.5 m	40	SO	eF,pL,R	114
	C 93		x					NGC 6752	GLOCL	PAV	19 10.9	-59 59	5.4	20.4 m			VI	B,vL,iR,st11..16	114
								NGC 6754	GALXY	TEL	19 11.4	-50 39	12.1	1.8 m	0.9 m	80	SBb	pF,pL,mE63,vglbM	114
								NGC 6753	GALXY	PAV	19 11.4	-57 03	11.1	2.4 m	2.1 m	30	Sb	pB,pL,R,gbM	114
								NGC 6758	GALXY	TEL	19 13.9	-56 19	11.6	2.3 m	1.7 m	121	E1	pB,S,R	114
								IC 4837	GALXY	TEL	19 15.2	-54 40	12.5	2.4 m	1.2 m	8	SBc/P	F,cS,R,bM	114
								IC 1297	PLNNB	CRA	19 17.4	-39 37	11.5	8 s	6 s			Stellar,gaseous spectrum	114
								NGC 6769	GALXY	PAV	19 18.4	-60 30	11.8	2.2 m	1.5 m	123	SBb/P	vF,S,R,lbM,1st of 3	114
								NGC 6770	GALXY	PAV	19 18.6	-60 30	11.9	2.2 m	1.6 m	20	SBb/P	eF,vS,2nd of 3	114
								NGC 6771	GALXY	PAV	19 18.7	-60 33	12.5	2.3 m	0.5 m	118	SBO-a	eF,S,3rd of 3	114
								NGC 6782	GALXY	PAV	19 24.0	-59 55	11.8	2.2 m	1.6 m	45	Sba Ring	cF,cS,R,lbM,*9s	114
								NGC 6810	GALXY	PAV	19 43.6	-58 39	11.4	3.1 m	0.9 m	176	Sab	PS,R,vgbM	114

Deep Sky Object List (2/2)

Messier	Caldwell	Best NGC	Clark	Herschel 400	Herschel-II	RASC	TAAS200	Object	Type	Con.	R.A. (h m)	Dec. (° ')	Mag.	Size max	Size min	P.A. (°)	Class	NGC Description	Chart No.
								IC 4889	GALXY	TEL	19 45.3	-54 21	11.1	2.7 m	1.8 m	0	E5	BM, mag 10	114

Deep Sky Object List (1/1)

Messier	Caldwell	Best NGC	Clark	Herschel 400	Herschel-II	RASC	TAAS200	Object	Type	Con.	R.A. (h m)	Dec. (° ')	Mag.	Size max	Size min	P.A. (°)	Class	NGC Description	Chart No.
								PK 352- 7.1	PLNNB	CRA	18 00.2	-38 50	11.4	2 s			1		115
								PK 342-14.1	PLNNB	ARA	18 07.4	-51 03	11.9	36 s					115
	C 78						x	NGC 6541	GLOCL	CRA	18 08.0	-43 42	6.6	13.1 m			III	B,R,eC,gbM,rrr	115
								IC 4699	PLNNB	TEL	18 18.5	-45 59	12	5 s			2	S,F,Stellar	115
			x					NGC 6584	GLOCL	TEL	18 18.6	-52 13	9.2	7.9 m			VIII	cB,cL,R,gmbM,rrr	115
								IC 4721	GALXY	PAV	18 34.4	-58 30	11.6	5.6 m	1.4 m	146	SBc	F,cL,E 150 degrees	115
								NGC 6699	GALXY	PAV	18 52.0	-57 19	12	1.5 m	1.5 m		SBbc	pF,pS,IE90,pslbM	115
								IC 4797	GALXY	TEL	18 56.5	-54 18	11.3	2.9 m	1.3 m	146	E5	bM	115
								HA 85	GALXY	TEL	18 56.9	-54 32	12.4	0.7 m	0.5 m		SO	S,IE,bM	115

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			x					NGC 6259	OPNCL	SCO	17 00.8	-44 39	8	10.0 m			III 2 m	Cl,B,vL,vRi,st11...	116
								NGC 6268	OPNCL	SCO	17 02.2	-39 44	9.5	6.0 m			II 2 p	Cl,B,pL,cRi,st10...	116
								NGC 6281	OPNCL	SCO	17 04.7	-37 59	5.4	200 m	150 m		II 2 p n	Cl,L,pRi,IC,st9...11	116
								IC 4642	PLNNB	ARA	17 11.8	-55 24	12.4	15 s			4	stellar	116
	C 69		x				x	NGC 6302	PLNNB	SCO	17 13.7	-37 06	12.8	72 s	30 s		6	pB,E pf	116
			x					NGC 6318	OPNCL	SCO	17 16.2	-39 26	11.8	4.0 m			III 2 p	Cl,pL,Ri,R,gbM,*12..	116
								NGC 6322	OPNCL	SCO	17 18.4	-42 56	6	10.0 m			I 2 p	Cl,vL,pRi,IC	116
								PK 342- 4.1	PLNNB	SCO	17 19.5	-45 53	12	40 s	26 s				116
								NGC 6326	PLNNB	ARA	17 20.8	-51 45	12	15 s	10 s		3b	pB,vS,R	116
			x					NGC 6337	PLNNB	SCO	17 22.3	-38 29	12.3	38 s	28 s		4	ring neb,eF,S,am st	116
								IC 4651	OPNCL	ARA	17 24.8	-49 56	6.9	10 m			II 3 m	Cl,pC	116
	C 81		x					NGC 6352	GLOCL	ARA	17 25.5	-48 25	10.7	7.1 m			XI	pF,L	116
								PK 345- 4.1	PLNNB	SCO	17 26.3	-44 12	11.9	< 5 s			1		116

Deep Sky Object List (2/2)

Messier	Caldwell	Best NGC	Clark	Herschel 400	Herschel-II	RASC	TAAS200	Object	Type	Con.	R.A. (h m)	Dec. (° ')	Mag.	Size max	Size min	P.A. (°)	Class	NGC Description	Chart No.
								Cr 332	OPNCL	SCO	17 30.8	-37 05	8.9	10.0 m			IV 1 p		116
			x				x	NGC 6388	GLOCL	SCO	17 36.3	-44 44	6.9	8.7 m			III	vB,L,R,pg,psvmbM	116
								Cr 338	OPNCL	SCO	17 38.2	-37 34	8	25.0 m			III 2 p		116
	C 86		x					NGC 6397	GLOCL	ARA	17 40.7	-53 40	5.7	25.7 m			IX	B,vL,Ri,st 10..	116
								Tr 29	OPNCL	SCO	17 41.6	-40 06	7.5	9.0 m			II 3 p		116
								NGC 6398	GALXY	PAV	17 42.7	-61 42	12.5	2 m	1.7 m	6	SB Ring	eF,S,R,p of 2	116
								NGC 6407	GALXY	PAV	17 45.0	-60 44	12.5	2.1 m	1.6 m	60	SO	eF,S,R,3* nr	116
								IC 1266	PLNNB	ARA	17 45.6	-46 05	12.3	13 s			4	stellar,gaseous spectrum-Pickering	116
			x				x	NGC 6441	GLOCL	SCO	17 50.2	-37 03	7.4	7.8 m			III	vB,pL,R,vgmbM	116
								NGC 6496	GLOCL	SCO	17 59.0	-44 16	9.2	6.9 m			XII	neb+Cl,pL,mE,gvlbM	116

Deep Sky Object List (1/4)

Messier	Caldwell	Best NGC	Clark	Herschel 400	Herschel-II	RASC	TAAS200	Object	Type	Con.	R.A. (h m)	Dec. (° ')	Mag.	Size max	Size min	P.A. (°)	Class	NGC Description	Chart No.
	C 95		x					NGC 6025	OPNCL	TRA	16 03.3	-60 26	5.1	12.0 m			II 2 p	Cl,B,vL,pRi,IC,*7...	117
								Lynga 6	OPNCL	NOR	16 04.8	-51 55	9.5	5.0 m					117
								NGC 6031	OPNCL	NOR	16 07.6	-54 01	8.5	2.0 m			I 2 p	Cl,S,mC,st11...14	117
	C 89		x					NGC 6067	OPNCL	NOR	16 13.2	-54 13	5.6	13.0 m			I 2 r	Cl,vB,vL,vRi,IC,*10...	117
								PK 329- 2.2	PLNNB	NOR	16 14.5	-54 57	11.9	25 s	21 s		4(3)		117
								Cr 299	OPNCL	NOR	16 18.4	-55 07	6.9	20.0 m			II 2 p		117
								NGC 6087	OPNCL	NOR	16 18.8	-57 56	5.4	12.0 m			I 2 p	Cl,B,L,IC,st7...10	117
								IC 4599	PLNNB	SCO	16 19.4	-42 16	12.3	16 s	13 s			annular	117
								Ru 118	OPNCL	NOR	16 24.6	-51 58	9.8	3.4 m			I 2 p		117
	C 75		x				x	NGC 6124	OPNCL	SCO	16 25.3	-40 39	5.8	29.0 m			II 3 m	Cl,B,L,pRi,ICM,*9..11	117
								NGC 6139	GLOCL	SCO	16 27.7	-38 51	9.2	5.5 m			II	B,pL,R,psbM,tr	117
								NGC 6134	OPNCL	NOR	16 27.8	-49 09	7.2	7.0 m			II 3 m	Cl,cL,pRi,ICM,st13..	117
								Ru 119	OPNCL	NOR	16 28.3	-51 31	8.8	8.0 m			II 1 p		117

Deep Sky Object List (2/4)

Messier	Caldwell	Best NGC	Clark	Herschel 400	Herschel-II	RASC	TAAS200	Object	Type	Con.	R.A. (h m)	Dec. (° ')	Mag.	Size max	Size min	P.A. (°)	Class	NGC Description	Chart No.
			x					NGC 6153	PLNNB	SCO	16 31.5	-40 15	11.5	25 s			4	Planetary,stellar	117
			x					NGC 6152	OPNCL	NOR	16 32.8	-52 39	8.1	25 m			II 2 m	Cl,L,IC,st L	117
								NGC 6169	OPNCL	NOR	16 34.1	-44 03	6.6	12 m				Cl,Mu Normae inv	117
								NGC 6167	OPNCL	NOR	16 34.6	-49 46	6.7	8.0 m			II 3 m	Cl,L,IC,iF	117
								NGC 6156	GALXY	TRA	16 34.9	-60 37	11.6	1.6 m	1.4 m		SBc	pF,pL,vIE,gbM	117
								Cr 307	OPNCL	ARA	16 35.2	-50 58	9.2	6.0 m			III 2 p		117
								NGC 6178	OPNCL	SCO	16 35.8	-45 39	7.2	4.0 m			I 3 p	Cl,B,S,st pL	117
			x					NGC 6188	BRTNB	ARA	16 40.1	-48 40	99.9	20 m	12 m		E+R	F,vL,vIE,B* inv	117
			x					NGC 6192	OPNCL	SCO	16 40.4	-43 22	8.5	9 m			I 2 p	Cl,pL,pRi,iR,st11..14	117
	C 82		x					NGC 6193	OPNCL	ARA	16 41.3	-48 46	5.2	15.0 m			II 3 p n	Cl,vL,IRi,IC,F neb inv	117
								PK 344+ 4.1	PLNNB	SCO	16 42.6	-38 55	12	< 10 s					117
								NGC 6200	OPNCL	ARA	16 44.1	-47 28	7.4	12.0 m			III 2 m	Cl,in Milky Way	117
								NGC 6204	OPNCL	ARA	16 46.2	-47 01	8.2	5.0 m			I 2 p	Cl,pRi,eICM,st11..12	117

Deep Sky Object List (3/4)

Messier	Caldwell	Best NGC	Clark	Herschel 400	Herschel-II	RASC	TAAS200	Object	Type	Con.	R.A. (h m)	Dec. (° ')	Mag.	Size max	Size min	P.A. (°)	Class	NGC Description	Chart No.
								Hogg 22	OPNCL	ARA	16 46.7	-47 06	6.7	1.5 m					117
								NGC 6222	OPNCL	SCO	16 49.4	-44 44	10	4 m				Cl,vL,vRi,lBm,*12..13	117
								NGC 6208	OPNCL	ARA	16 49.5	-53 44	7.2	18 m			II 1 m	Cl,L,Ri,ICM,st9...12	117
								NGC 6215	GALXY	ARA	16 51.1	-59 00	11.5	2.2 m	2 m	78	Sc	pF,R,vglbM,*4p79s	117
								NGC 6221	GALXY	ARA	16 52.8	-59 13	9.9	3.9 m	2.7 m	5	SBc	pB,cL,R,glbM,rr	117
	C 76		x				x	NGC 6231	OPNCL	SCO	16 54.2	-41 49	2.6	15.0 m			I 3 p n	Cl,B,cL,pRi,st10..13	117
								Lynga 14	OPNCL	SCO	16 55.2	-45 19	9.7	2.0 m					117
								Cr 316	OPNCL	SCO	16 55.5	-40 50	3.4	105 m			I 2 m		117
								NGC 6242	OPNCL	SCO	16 55.6	-39 28	6.4	9.0 m			I 3 m	Cl,B,L,Ri,st8...11	117
								IC 4628	BRTNB	SCO	16 57.0	-40 27	99.9	90 m	60 m		E	F,eL,E pf,dif	117
			x					Tr 24	OPNCL	SCO	16 57.0	-40 40	8.6	60.0 m			IV 2 p n	vvL,B,E,Irr	117
								NGC 6249	OPNCL	SCO	16 57.7	-44 49	8.2	6.0 m			II 1 p	Cl,pRi,vIC,iF,st L&S	117
								NGC 6250	OPNCL	ARA	16 57.9	-45 56	5.9	10 m			IV 3 p	Cl,L,IRi,IC,*8...12	117

Deep Sky Object List (4/4)

Messier	Caldwell	Best NGC	Clark	Herschel 400	Herschel-II	RASC	TAAS200	Object	Type	Con.	R.A. (h m)	Dec. (° ')	Mag.	Size max	Size min	P.A. (°)	Class	NGC Description	Chart No.
								NGC 6256	GLOCL	SCO	16 59.5	-37 07	11.3p	2.5 m	2.5 m			vF,vL,iR,vgbM	117

Deep Sky Object List (1/2)

Messier	Caldwell	Best NGC	Clark	Herschel 400	Herschel-II	RASC	TAAS200	Object	Type	Con.	R.A. (h m)	Dec. (° ')	Mag.	Size max	Size min	P.A. (°)	Class	NGC Description	Chart No.
								PK 318- 2.1	PLNNB	CIR	15 04.1	-60 53	11.1	30 s	24 s				118
								NGC 5822	OPNCL	LUP	15 04.4	-54 24	6.5	40.0 m			II 1 r	Cl,vL,Ri,IC,st9...12	118
	C 88		x					NGC 5823	OPNCL	CIR	15 05.5	-55 36	7.9	10.0 m			III 2 m	Cl,cL,Ri,ICM,*13..14	118
								PK 318- 2.2	PLNNB	CIR	15 06.0	-61 22	10.6	45 s					118
								NGC 5873	PLNNB	LUP	15 12.8	-38 08	12	3 s			2	stellar=9.5mag	118
								Pismis 20	OPNCL	CIR	15 15.4	-59 04	7.8	4.5 m			I 3 p		118
								NGC 5882	PLNNB	LUP	15 16.8	-45 39	10.5	7 s				vS,R,quite sharp	118
								NGC 5925	OPNCL	NOR	15 27.4	-54 32	8.4	20 m			III 1 m	Cl,vL,vRi,IC,*11..14	118
								NGC 5927	GLOCL	LUP	15 28.0	-50 40	8.3	12.0 m			VIII	cB,L,R,vglbM,rrr,st 15	118
								PK 322- 2.1	PLNNB	NOR	15 34.2	-59 09	12.5	50 s			4(6)		118
								NGC 5946	GLOCL	NOR	15 35.5	-50 40	9.6	7.1 m			IX	cB,pL,R,vglbM,rrr,st 16	118
			x				x	NGC 5986	GLOCL	LUP	15 46.1	-37 47	7.1	9.8 m			VII	!,vB,L,R,vglbM,st 13...15	118
								Cr 292	OPNCL	NOR	15 50.7	-57 40	7.9	16.0 m			III 2 m		118

Deep Sky Object List (2/2)

Messier	Caldwell	Best NGC	Clark	Herschel 400	Herschel-II	RASC	TAAS200	Object	Type	Con.	R.A. (h m)	Dec. (° ')	Mag.	Size max	Size min	P.A. (°)	Class	NGC Description	Chart No.
			x					SP1	PLNNB	NOR	15 51.1	-50 30	8.5	1.2 m					118
								NGC 5999	OPNCL	NOR	15 52.1	-56 28	9	3 m			l 3 m	Cl,L,pRi,st12...14	118
								PK 325- 4.1	PLNNB	NOR	15 59.1	-58 24	12.4	16 s	12 s				118

Deep Sky Object List (1/2)

Messier	Caldwell	Best NGC	Clark	Herschel 400	Herschel-II	RASC	TAAS200	Object	Type	Con.	R.A. (h m)	Dec. (° ')	Mag.	Size max	Size min	P.A. (°)	Class	NGC Description	Chart No.
								NGC 5408	PLNNB	CEN	14 03.4	-41 23	12.2p	114 s	60 s	70	V	eF,E bet 2vS*	119
								NGC 5460	OPNCL	CEN	14 07.5	-48 21	5.6	25.0 m			II 3 m	Cl,vL,vIC,st8...	119
								NGC 5483	GALXY	CEN	14 10.4	-43 20	11.2	3.9 m	3.6 m	25	SBc	pF,vL,R,vgbM	119
								NGC 5489	GALXY	CEN	14 12.0	-46 05	12.2	1.5 m	1 m	129	Sa	vF,S,R,bM	119
								NGC 5516	GALXY	CEN	14 15.9	-48 07	12	1.8 m	1.3 m	169	E-SO	pF,S,R,psbM,S** nf	119
								PK 316+ 8.1	PLNNB	CEN	14 18.2	-52 11	10.1	12 s					119
								NGC 5530	GALXY	LUP	14 18.5	-43 23	11.1	4.2 m	1.8 m	127	SBbc	vF,pmE,esvmBM*12	119
								IC 4406	PLNNB	LUP	14 22.4	-44 09	11	100 s	37 s		4(3)	E 80 deg	119
								Lynga 2	OPNCL	CEN	14 24.0	-61 24	6.4	12.0 m			IV 2 p		119
								NGC 5606	OPNCL	CEN	14 27.8	-59 38	7.7	3.0 m			I 1 p	Cl,S,pC,st L and S	119
			x					NGC 5617	OPNCL	CEN	14 29.7	-60 43	6.3	10.0 m			I 3 m	Cl,L,pRi,pCM,st8...	119
								Tr 22	OPNCL	CEN	14 31.2	-61 10	7.9	7.0 m			II 2 p		119
								IC 4444	GALXY	LUP	14 31.6	-43 25	11.4	1.7 m	1.4 m		SBbc	vF,vS,* in M,spiral or annular	119

Deep Sky Object List (2/2)

Messier	Caldwell	Best NGC	Clark	Herschel 400	Herschel-II	RASC	TAAS200	Object	Type	Con.	R.A. (h m)	Dec. (° ')	Mag.	Size max	Size min	P.A. (°)	Class	NGC Description	Chart No.
			x					NGC 5643	GALXY	LUP	14 32.7	-44 11	10	4.7 m	4.2 m		SBc	pB,L,R,vglbM,st inv	119
								Hogg 17	OPNCL	CEN	14 33.7	-61 23	8.3	7.0 m			II 3 p		119
								NGC 5670	GALXY	LUP	14 35.6	-45 58	12	2.3 m	1 m	74	SO	vF,S,cE,bet 2*	119
								NGC 5662	OPNCL	CEN	14 35.6	-56 37	5.5	29 m			II 3 m	Cl,L,pRi,IC,st9...	119
								NGC 5688	GALXY	LUP	14 39.6	-45 01	11.9	3.8 m	2.4 m	85	SBc	F,S,vgbM,am st	119
								NGC 5715	OPNCL	CIR	14 43.5	-57 35	9.8	6.0 m			II 2 m	Cl,L,pRi,CM,*11...13	119
								NGC 5749	OPNCL	LUP	14 48.9	-54 30	8.8	10 m			IV 1 p	Cl,pL,pRi,IC,*10..11	119
								Hogg 18	OPNCL	LUP	14 50.7	-52 15	8	3.0 m			I 3 p		119

Deep Sky Object List (1/3)

Messier	Caldwell	Best NGC	Clark	Herschel 400	Herschel-II	RASC	TAAS200	Object	Type	Con.	R.A. (h m)	Dec. (° ')	Mag.	Size max	Size min	P.A. (°)	Class	NGC Description	Chart No.
								NGC 4852	OPNCL	CEN	13 00.1	-59 37	8.9	11.0 m			II 2 p	Cl,L,pRi,iR,st10...	120
								NGC 4930	GALXY	CEN	13 04.1	-41 25	11.1	4.4 m	3.6 m	40	SBbc Ring	vF,R,tri 2 * 8,9,f	120
	C 83		x					NGC 4945	GALXY	CEN	13 05.4	-49 28	8.6	19.8 m	4 m	43	SBc	B,vL,vmE39	120
								NGC 4946	GALXY	CEN	13 05.5	-43 36	12.4	1.6 m	1.2 m	131	Elliptical	B,pS,R,gpmbM,p of 2	120
								NGC 4945A	GALXY	CEN	13 06.6	-49 42	12.5	2.5 m	1.6 m	55	SB		120
								NGC 4976	GALXY	CEN	13 08.6	-49 30	10	5.1 m	2.6 m	161	Elliptical	B,pL,R,gmbM	120
								NGC 5011	GALXY	CEN	13 12.9	-43 06	11.4	2.5 m	2.1 m	154	E1	pB,cS,R,am 4*	120
								NGC 5026	GALXY	CEN	13 14.2	-42 58	11.5	3.3 m	2.1 m	52	SBa	pB,pL,R,gbM,*7 nf	120
								NGC 5064	GALXY	CEN	13 19.0	-47 55	12.1	2.4 m	1.1 m	38	Sb	B,S,R,pslbM	120
								NGC 5090	GALXY	CEN	13 21.2	-43 42	11.6	2.7 m	2.2 m		E2	pB,pL,R,3rd of 4	120
								NGC 5121	GALXY	CEN	13 24.8	-37 41	11.5	1.9 m	1.5 m	36	Sa	cB,S,R,psmbM,r	120
	C 77	x	!!!*				x	NGC 5128	GALXY	CEN	13 25.5	-43 01	6.8	27.6 m	20.5 m	35	SO	!!vB,vL,vmE122,bifid	120
	C 80	x	!!!!*				x	NGC 5139	GLOCL	CEN	13 26.8	-47 29	3.7	36.3 m			VIII	!!!eL,B,eRi,vvC	120

Deep Sky Object List (2/3)

Messier	Caldwell	Best NGC	Clark	Herschel 400	Herschel-II	RASC	TAAS200	Object	Type	Con.	R.A. (h m)	Dec. (° ')	Mag.	Size max	Size min	P.A. (°)	Class	NGC Description	Chart No.
								NGC 5138	OPNCL	CEN	13 27.3	-59 02	7.6	8.0 m			II 2 p	Cl,Ri,IC,st11	120
								NGC 5156	GALXY	CEN	13 28.7	-48 55	11.7	2.5 m	2 m		SBab	pB,cS,IE,glbM,r	120
								Hogg 16	OPNCL	CEN	13 29.3	-61 12	8.4	4.0 m			II 3 p		120
								Cr 272	OPNCL	CEN	13 30.6	-61 16	7.7	9.0 m			III 1 m		120
								NGC 5168	OPNCL	CEN	13 31.1	-60 56	9.1	4.0 m			I 3 p	Cl,vF,S,vRi,st15	120
								Ru 108	OPNCL	CEN	13 32.2	-58 29	7.5	12.0 m			III 2 p		120
								NGC 5206	GALXY	CEN	13 33.7	-48 09	10.6	3.8 m	3.3 m	16	E-SO Bar	F,pL,R,vgbM	120
								NGC 5237	GALXY	CEN	13 37.6	-42 51	12.5	2 m	1.6 m	128	Elliptical	F,pL,cE,vglbM	120
								NGC 5244	GALXY	CEN	13 38.7	-45 51	12.5	1.7 m	0.6 m	17	Sb	vF,S,R,vglbM,*13 att	120
								NGC 5266A	GALXY	CEN	13 40.6	-48 21	12	3.1 m	2.5 m		SBc		120
								NGC 5266	GALXY	CEN	13 43.0	-48 10	11.1	3.3 m	2.3 m	19	E-SO	B,pL,vIE,vglbM,3st nr	120
	C 84							NGC 5286	GLOCL	CEN	13 46.4	-51 22	7.6	9.1 m			V	vB,pL,R,rrr,st 15	120
								NGC 5284	OPNCL	CEN	13 46.7	-59 12	10	3 m				Cl,L,vRi,st7...16	120

Deep Sky Object List (3/3)

Messier	Caldwell	Best NGC	Clark	Herschel 400	Herschel-II	RASC	TAAS200	Object	Type	Con.	R.A. (h m)	Dec. (° ')	Mag.	Size max	Size min	P.A. (°)	Class	NGC Description	Chart No.
								NGC 5307	PLNNB	CEN	13 51.1	-51 12	12.1	15 s	10 s		3	Pln or vf,eS,Dneb	120
								NGC 5316	OPNCL	CEN	13 54.0	-61 52	6	14.0 m			III 1 p	Cl,pL,pC,st11	120
								NGC 5333	GALXY	CEN	13 54.4	-48 31	11.9	1.9 m	1 m	52	SBO	vF,vS,R,*8f	120
			x					NGC 5367	BRTNB	CEN	13 57.7	-39 59	99.9	4 m	3 m		R	vB,vL,vsmBM**	120
								NGC 5365	GALXY	CEN	13 57.8	-43 56	11.4	3 m	1.8 m	4	SBO Ring	pB,cS,R,pgbM,am st	120

Deep Sky Object List (1/3)

Messier	Caldwell	Best NGC	Clark	Herschel 400	Herschel-II	RASC	TAAS200	Object	Type	Con.	R.A. (h m)	Dec. (° ')	Mag.	Size max	Size min	P.A. (°)	Class	NGC Description	Chart No.
								NGC 4103	OPNCL	CRU	12 06.7	-61 15	7.4	7.0 m			I 3 m	Cl,pL,pC,iR,*10...14	121
								NGC 4112	GALXY	CEN	12 07.2	-40 13	12	1.6 m	0.9 m	5	SBb	F,S,vIE,glbM,3B* nr	121
								NGC 4219	GALXY	CEN	12 16.5	-43 19	11.9	4.2 m	1.2 m	36	Sbc	pF,pL,pmE,vglbM	121
								NGC 4230	OPNCL	CEN	12 17.3	-55 05	9.4	6.0 m			IV 2 p	Cl,F,pL,iF,* 13...15	121
								NGC 4337	OPNCL	CRU	12 24.1	-58 07	8.9	3.5 m			II 3 p	Cl,pRi,IC,* 12...14	121
			x					NGC 4349	OPNCL	CRU	12 24.1	-61 52	7.4	4 m			I 2 m	Cl,vB,vL,IC,* 12...14	121
								NGC 4373	GALXY	CEN	12 25.3	-39 46	10.9	3.6 m	2.6 m	43	E-SO Bar	pB,S,R,pgymbM	121
								NGC 4373A	GALXY	CEN	12 25.6	-39 19	11.6	2.6 m	0.9 m	149	SO		121
								NGC 4439	OPNCL	CRU	12 28.4	-60 06	8.4	4.0 m			II 1 p	Cl,S,* 11...12	121
								NGC 4444	GALXY	CEN	12 28.6	-43 16	12.3	2.5 m	2.3 m		SBbc Ring	eF,L,R,vgbM	121
								Hogg 14	OPNCL	CRU	12 28.6	-59 49	9.5	3.0 m			II 3 p		121
								Harvard 5	OPNCL	CRU	12 29.0	-60 46	7.1	6.0 m			II 3 p	pL,30*	121
								NGC 4507	GALXY	CEN	12 35.6	-39 55	12.1	1.6 m	1.3 m		SBab Ring	pB,S,R,psmbM *16	121

Deep Sky Object List (2/3)

Messier	Caldwell	Best NGC	Clark	Herschel 400	Herschel-II	RASC	TAAS200	Object	Type	Con.	R.A. (h m)	Dec. (° ')	Mag.	Size max	Size min	P.A. (°)	Class	NGC Description	Chart No.
								NGC 4553	GALXY	CEN	12 36.1	-39 26	12.2	2.4 m	1.2 m	176	SBO-a Ring	F,vIE,glbM	121
			x					Tr 20	OPNCL	CRU	12 39.7	-60 36	10.1	18 m			II 2 m	L,vRi	121
								NGC 4603	GALXY	CEN	12 40.9	-40 59	11.6	2.3 m	1.7 m	27	SBc	F,L,R,vgbM,r	121
								NGC 4622	GALXY	CEN	12 42.6	-40 45	12.2	1.7 m	1.6 m		Sa	pF,S,R,pslbM,f of 2	121
								NGC 4645A	GALXY	CEN	12 43.1	-41 22	12.2	2.8 m	0.8 m	33	SBO		121
								NGC 4645B	GALXY	CEN	12 43.5	-41 22	12.1	1.9 m	0.7 m	154	SBO		121
								NGC 4645	GALXY	CEN	12 44.2	-41 45	11.8	2.2 m	1.4 m	52	Elliptical	pB,S,psbM	121
								NGC 4650	GALXY	CEN	12 44.3	-40 44	11.6	3.2 m	2.7 m	83	SBO-a	vF,R,bM,r	121
								NGC 4679	GALXY	CEN	12 47.5	-39 34	12.4	1.6 m	0.6 m	4	SBc	eeF,pL,R	121
								NGC 4696	GALXY	CEN	12 48.8	-41 19	10.4	4.7 m	3.3 m	95	Elliptical	pB,L,R,gbM,r	121
								NGC 4709	GALXY	CEN	12 50.1	-41 23	10.9	2.3 m	2 m		Elliptical	pB,cS,R,gbM	121
								NGC 4729	GALXY	CEN	12 51.8	-41 08	12.3	1.5 m	1.5 m		Elliptical	neb,1 of 3,p & little s of 4744	121
								NGC 4751	GALXY	CEN	12 52.8	-42 40	11.8	3 m	1.1 m	175	E-SO	B,pS,R,vg,vsmbM	121

Deep Sky Object List (3/3)

Messier	Caldwell	Best NGC	Clark	Herschel 400	Herschel-II	RASC	TAAS200	Object	Type	Con.	R.A. (h m)	Dec. (° ')	Mag.	Size max	Size min	P.A. (°)	Class	NGC Description	Chart No.
								NGC 4785	GALXY	CEN	12 53.5	-48 45	12.4	2 m	1 m	81	Sb	vF,S,R,glbM	121
	C 94		!!					NGC 4755	OPNCL	CRU	12 53.6	-60 21	4.2	10.0 m			I 3 r	!!Cl,vL,Ri,st vB (Kappa Cru)	121
								NGC 4767	GALXY	CEN	12 53.9	-39 43	11.5	2.6 m	1.2 m	130	Elliptical	B,pS,IE,mbM	121
								NGC 4832	GALXY	CEN	12 57.8	-39 46	12.2	1.8 m	1.2 m	25	SO	pF,vS,R,sbM *17,*10 70 deg	121
								NGC 4835	GALXY	CEN	12 58.1	-46 16	11.6	4.3 m	0.8 m	150	SBbc	F,pL,mE,vgbM	121