

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 7458	GALXY	PSC	23 01.5	+01 45	12.5	1.4 m	1.2 m	15	Elliptical	cF,cS,psbM	62
								NGC 7469	GALXY	PEG	23 03.3	+08 52	12.3	1.4 m	1 m	125	SBa	vF,vS,vsmbM *12	62
					x			NGC 7541	GALXY	PSC	23 14.7	+04 32	11.7	3.5 m	1.2 m	102	SBc	B,L,mE97,mbM,nf of 2	62
					x			NGC 7562	GALXY	PSC	23 16.0	+06 41	11.6	2.2 m	1.7 m	83	Elliptical	cB,pS,iR,psbM	62
								NGC 7585	GALXY	AQR	23 18.0	-04 39	11.4	3.1 m	2.7 m	60	Sa	pB,pS,iR,gbM	62
					x			NGC 7600	GALXY	AQR	23 18.9	-07 35	11.9	3.1 m	1.6 m	111	E-SO	cF,S,R,psmbM	62
				x			x	NGC 7606	GALXY	AQR	23 19.1	-08 29	10.8	4.2 m	2.3 m	145	Sbc	pF,cL,pmE0	62
								NGC 7611	GALXY	PSC	23 19.6	+08 04	12.5	1.5 m	0.7 m	139	SBO-a	F,S,R,triangle w 2 st 19 n	62
			x		x			NGC 7619	GALXY	PEG	23 20.2	+08 12	11.1	2.8 m	2.5 m	30	Elliptical	cB,pS,R,psbM	62
					x			NGC 7623	GALXY	PEG	23 20.5	+08 24	12.9	1.3 m	0.9 m	175	SO	F,vS,R,psbM	62
			x		x			NGC 7626	GALXY	PEG	23 20.7	+08 13	11.1	3 m	2.7 m		E2	cB,pS,R,psbM	62
								NGC 7683	GALXY	PSC	23 29.1	+11 27	12.5	1.9 m	0.9 m	140	SO	F,*13 n	62
								NGC 7714	GALXY	PSC	23 36.2	+02 09	12.5	1.9 m	1.4 m	4	SBb/P	pB,S,R,psbM,*12 sp,*6 sf	62

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 7716	GALXY	PSC	23 36.5	+00 18	12.1	2.2 m	1.8 m	35	SBb	F,pL,IE,gbM,*10 s	62
								NGC 7721	GALXY	AQR	23 38.8	-06 31	11.6	3.1 m	1.2 m	165	Sc	pF,cL,E12,vgbM	62
					x			NGC 7742	GALXY	PEG	23 44.3	+10 46	11.6	1.8 m	1.7 m		Sb	cB,cS,gmbM,*12 f 72"	62
								NGC 7743	GALXY	PEG	23 44.4	+09 56	11.5	2.8 m	2.4 m	80	SBO-a	pF,S,R,*14 sf	62
								NGC 7782	GALXY	PSC	23 53.9	+07 58	12.2	2.2 m	1.3 m	175	Sb	pF,pL,IE,gIbM,4th of 4	62
					x			NGC 7785	GALXY	PSC	23 55.3	+05 55	11.6	2 m	1.3 m	143	Elliptical	pB,pS,iR,psbM,r,* 8 p 4'.5	62
								NGC 7794	GALXY	PEG	23 58.6	+10 44	12.5	1.5 m	1.4 m		Sbc	vF,pS,iR	62

Deep Sky Object List (1/1)

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								NGC 7311	GALXY	PEG	22 34.1	+05 34	12.5	1.6 m	0.8 m	10	Sab	pF,S,R,psbM,r	63
								NGC 7309	GALXY	AQR	22 34.4	-10 21	12.5	2 m	2 m		SBc	vF,pL,R,glbM,r	63
								NGC 7371	GALXY	AQR	22 46.1	-11 00	11.5	1.7 m	1.7 m		SBO-a	vF,pL,R,lbM	63
								NGC 7385	GALXY	PEG	22 49.9	+11 36	12	1.3 m	1.1 m		Elliptical	cF,S,R,glbM,*11 np	63
								NGC 7386	GALXY	PEG	22 50.0	+11 42	12.3	1.8 m	1.5 m	150	SO	cF,S,R,pgbM,f of 2	63
								NGC 7391	GALXY	AQR	22 50.6	-01 33	12	1.7 m	1.5 m	70	Elliptical	cF,cS,R,sbM *13,*np	63
								NGC 7416	GALXY	AQR	22 55.7	-05 30	12.4	3.2 m	0.7 m	115	SBb	F,pL,pmE,vgbM	63
								NGC 7428	GALXY	PSC	22 57.3	-01 03	12.5	2.4 m	1.4 m	160	SBa	F,vS,R,bM	63

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.
	C 55	x	x	x		1	x	NGC 7009	PLNNB	AQR	21 04.2	-11 22	8.3	28 s	23 s		4(6)	!!! vB,S,elliptic	64
								NGC 7015	GALXY	EQU	21 05.6	+11 25	12.5	1.8 m	1.6 m		Sbc	vF,pS,glbM	64
M 2			*					NGC 7089	GLOCL	AQR	21 33.5	-00 49	6.5	11.7 m			II	!!B,vL,gpmbM,rrr,st eS	64
					x			NGC 7156	GALXY	PEG	21 54.6	+02 57	12.5	1.7 m	1.4 m	105	SBc	F,pL,R,bM,r	64

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.
								NGC 6852	PLNNB	AQL	20 00.7	+01 44	11.4p	28 s			4	F neb,am st	65
								NGC 6906	GALXY	AQL	20 23.6	+06 27	12.3	1.6 m	0.8 m	36	SBbc	pF,pL,R	65
								NGC 6928	GALXY	DEL	20 32.8	+09 56	12.2	2.1 m	0.6 m	106	SBab	pB,pL,mE	65
								NGC 6926	GALXY	AQL	20 33.1	-02 02	12.4	2 m	1.4 m	0	SBc/P	vF,pL,E176,p of 2	65
	C 47		x	x			x	NGC 6934	GLOCL	DEL	20 34.2	+07 24	8.9	2 m			VIII	B,L,R,rrr,*16...	65
								NGC 6962	GALXY	AQR	20 47.3	+00 19	12.1	2.9 m	2.2 m	75	SBab	cF,S,R,bM	65

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 6738	OPNCL	AQL	19 01.4	+11 36	8.3	15.0 m			IV 2 p	Cl,P,IC	66
								NGC 6741	PLNNB	AQL	19 02.6	-00 27	12	9 s	7 s		4	Planetary,stellar	66
								NGC 6749	GLOCL	AQL	19 05.3	+01 54	11.1	6.3 m				L,IC,st L&S	66
								NGC 6751	PLNNB	AQL	19 05.9	-06 00	12	20 s			3	pB,S	66
			x					B133	DRKNB	AQL	19 06.1	-06 50	79.9	10 m	3 m		6 Co G	Seen in 11X80 finder, No * in 13", DARK SPOT!	66
				x				NGC 6755	OPNCL	AQL	19 07.8	+04 16	7.5	15.0 m			IV 2 m	Cl,vL,vRi,pC,*12...14	66
				x				NGC 6756	OPNCL	AQL	19 08.7	+04 42	10.6	4.0 m			I 2 m	Cl,S,Ri,IC,*11...12	66
								NGC 6760	GLOCL	AQL	19 11.2	+01 02	9.1	2.4 m			IX	pB,pL,vglbM (Auw. 44)	66
								PK 37- 3.2	PLNNB	AQL	19 13.1	+02 53	12.4	188 s	174 s		4		66
					x			NGC 6772	PLNNB	AQL	19 14.6	-02 42	14	75 s	55 s		3b(2)	vF,L,R,vvIBM,r	66
								IC 4846	PLNNB	AQL	19 16.5	-09 03	12	2 s			2	stellar	66
		x	x	x		95	x	NGC 6781	PLNNB	AQL	19 18.5	+06 32	11.8	111 s	109 s		3b(3)	F,L,R,vsbM disc	66

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 6790	PLNNB	AQL	19 23.0	+01 31	11.4	2 s			2	B,eS,stell=9.5m	66
								PK 31-10.1	PLNNB	AQL	19 27.1	-06 35	12.4	6.0 s	5.1 s		2		66
								NGC 6803	PLNNB	AQL	19 31.3	+10 03	11	4 s			2a	stellar	66
					x			NGC 6804	PLNNB	AQL	19 31.6	+09 14	12.4	63 s	50 s		4(2)	cB,S,iR,rrr	66
								Cr 401	OPNCL	AQL	19 38.4	+00 20	7	1.0 m			IV 2 m		66
			x					B142-3	DRKNB	AQL	19 40.7	+10 57	79.9	80 m	50 m		6 lr	! L,Irr,2 extensions W	66
			x		x			NGC 6814	GALXY	AQL	19 42.7	-10 20	11.2	3.5 m	3.5 m		SBbc Ring	pF,pL,R,bM,r	66
								Pal 11	GLOCL	AQL	19 45.3	-08 02	11.9	3.2 m			XI		66

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.
								Mel 186	OPNCL	OPH	18 01.0	+03 00	3	240 m			IV 3 m		67
				x				NGC 6517	GLOCL	OPH	18 01.8	-08 58	10.3	1 m			IV	pB,pL,R,rr	67
								NGC 6535	GLOCL	SER	18 03.8	-00 18	10.6	1.3 m			XI	pF,vS,vS neb *p	67
								NGC 6539	GLOCL	SER	18 04.8	-07 35	9.6	2.5 m			X	vS,F	67
								IC 1276	GLOCL	SER	18 10.8	-07 13	10.3	7.1 m			XII	eeF,vL,v difficult,D* close p	67
		x				92	x	NGC 6572	PLNNB	OPH	18 12.1	+06 51	8	15 s	12 s		2a	vB,vS,R,I hazy	67
								PK 19+ 3.1	PLNNB	SER	18 15.3	-10 10	12.5	4.3 s	3.5 s				67
								PK 32+ 7.2	PLNNB	SER	18 24.7	+02 30	12.2						67
		x		x		93	x	NGC 6633	OPNCL	OPH	18 27.3	+06 31	4.6	27.0 m			III 2 m	Cl,IC,st L	67
			x					NGC 6649	OPNCL	SCT	18 33.5	-10 24	8.9	6.0 m			II 2 m	Cl,P,IC,pS,*9,10,12	67
			x	x				NGC 6664	OPNCL	SCT	18 36.6	-07 49	7.8	16 m			III 2 m	Cl,L,pRi,vIC	67
			x				x	IC 4756	OPNCL	SER	18 39.0	+05 27	4.6	39 m			III 2 m	vL,scattered group of 80 * mags 7....	67
								Tr 34	OPNCL	SCT	18 39.8	-08 29	8.6	8.0 m			II 2 m		67

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 6683	OPNCL	SCT	18 42.2	-06 17	9.4	11.0 m			I 2 p n	Cl,vRi,vIC,in Milky Way	67
								Tr 35	OPNCL	SCT	18 42.9	-04 08	9.2	9.0 m			II 2 p		67
								PK 22- 3.1	PLNNB	SCT	18 43.0	-11 07	12.4	7.0 s	5.8 s		2		67
								PK 23- 2.1	PLNNB	SCT	18 43.4	-09 05	12.4	4.8 s	4.3 s		2		67
M 26			x					NGC 6694	OPNCL	SCT	18 45.2	-09 24	8	15.0 m			I 1 m	Cl,cL,pRi,pC,st12..15	67
								Basel 1	OPNCL	SCT	18 48.2	-05 51	8.9	9.0 m			I 2 m	13"-pF,pS,nC 12* and hazy background at 100X	67
								MCG +01-48-001	GALXY	SER	18 49.0	+05 26	11	0.7 m	0.5 m			Inner Regions Completely Black--MCG	67
								NGC 6704	OPNCL	SCT	18 50.9	-05 12	9.2	6.0 m			I 3 m	Cl,B,60st13	67
M 11			!!*					NGC 6705	OPNCL	SCT	18 51.1	-06 16	5.8	14.0 m			I 2 r	!!Cl,vB,L,iR,Ri,*9..	67
			x					NGC 6709	OPNCL	AQL	18 51.5	+10 21	6.7	13.0 m			III 2 m	Cl,pRi,iC,iF	67
		x	x	x		94		NGC 6712	GLOCL	SCT	18 53.1	-08 42	8.2	4.3 m			IX	pB,vL,irr,rrr	67

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								NGC 6368	GALXY	OPH	17 27.2	+11 33	12.3	3.8 m	1 m	42	Sb	F,S,E	68
								NGC 6366	GLOCL	OPH	17 27.7	-05 05	10	5.8 m			XI	F,L,vlbM	68
			x					NGC 6384	GALXY	OPH	17 32.4	+07 04	10.4	5.8 m	3.8 m	30	SBbc	pB,S,vIE	68
M 14			x					NGC 6402	GLOCL	OPH	17 37.6	-03 15	7.6	6.7 m			VIII	B,vL,R,eRi,vgmbM	68
				x				NGC 6426	GLOCL	OPH	17 44.9	+03 10	11.2	3.2 m			IX	vF,cL,E,vlbM	68
								IC 4665	OPNCL	OPH	17 46.3	+05 43	4.2	41.0 m			III 2 p	vvL sparse group,about 20 * mags 7....	68
								Cr 350	OPNCL	OPH	17 48.1	+01 18	6.1	45.0 m			IV 2 p	13"-B,L,scattered 32* at 60X	68
								NGC 6509	GALXY	OPH	17 59.4	+06 17	12.5	1.6 m	1.2 m	105	SBcd	vF,pL,irrR,lbM	68

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.
					x			NGC 6070	GALXY	SER	16 10.0	+00 43	11.8	3.6 m	1.8 m	62	Sc	F,L,pmE,vgbM,r	69
					x			NGC 6106	GALXY	HER	16 18.8	+07 25	12.2	2.4 m	1.3 m	140	Sc	F,pL,IE,vgbM,r	69
				x				NGC 6118	GALXY	SER	16 21.8	-02 17	11.7	4.7 m	1.9 m	58	Sc	vF,cL,cE45,r	69
M 12			x					NGC 6218	GLOCL	OPH	16 47.2	-01 57	6.6	14.5 m			IX	vB,vL,iR,gmbM	69
M 10			x					NGC 6254	GLOCL	OPH	16 57.1	-04 06	6.6	12.2 m			VII	B,vL,R,gvmBM,rrr	69

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.
					x			NGC 5806	GALXY	VIR	15 00.0	+01 53	11.7	3.2 m	1.6 m	170	SBb	cB,cL,E165,sbMN	70
					x			NGC 5812	GALXY	LIB	15 00.9	-07 27	11.2	2.3 m	2 m	130	E1	cB,S,R,symbM	70
					x			NGC 5813	GALXY	VIR	15 01.2	+01 42	10.5	4 m	2.8 m	145	E1	B,pS,R,psmbM	70
					x			NGC 5831	GALXY	VIR	15 04.1	+01 13	11.5	2.1 m	1.9 m	55	Ep	pB,S,mbM	70
					x			NGC 5838	GALXY	VIR	15 05.4	+02 06	10.9	3.7 m	1.6 m	43	Sa	pB,pS	70
								NGC 5845	GALXY	VIR	15 06.0	+01 38	12.5	0.7 m	0.5 m	150	E3	vF,R	70
			x	x				NGC 5846	GALXY	VIR	15 06.5	+01 36	10	4 m	3.7 m		E0	vB,pL,R,psbMN,F* inv S,n of 2	70
			x		x			NGC 5850	GALXY	VIR	15 07.1	+01 33	10.8	4.5 m	3.9 m	140	SBab	cF,S,IE,psbM	70
					x			NGC 5854	GALXY	VIR	15 07.8	+02 34	11.9	2.7 m	0.8 m	55	SBO-a	pB,S,vIE,lbM,am st	70
					x			NGC 5861	GALXY	LIB	15 09.3	-11 19	11.6	3 m	1.7 m	150	SBc Ring	F,L,E,r	70
					x			NGC 5864	GALXY	VIR	15 09.6	+03 03	11.8	2.5 m	0.9 m	68	SBO	pF,cS,ilE,gbM,*14f	70
								NGC 5869	GALXY	VIR	15 09.8	+00 28	11.9	2.3 m	1.6 m	125	SO	pF,S,E,psbM	70
								NGC 5885	GALXY	LIB	15 15.1	-10 05	11.8	3.9 m	3.1 m	65	SB Ring	F,cL,R,vgbM	70

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.
								Pal 5	GLOCL	SER	15 16.1	-00 07	11.8	6.9 m			XII	13"-eF,pL,nBM at 100X; low surface brightness	70
M 5			!					NGC 5904	GLOCL	SER	15 18.6	+02 05	5.8	19.9 m			V	!!;vB,L,eCM,eRi	70
								NGC 5921	GALXY	SER	15 21.9	+05 04	10.8	4.8 m	4 m	130	SBbc	cB,cL,iR,vsbM*12,am *	70
								NGC 5937	GALXY	SER	15 30.8	-02 50	12.3	1.9 m	1.1 m	20	Sb	pB,pS,R,vgbM,3st f	70
								NGC 5956	GALXY	SER	15 35.0	+11 45	12.3	1.6 m	1.6 m		Sc	F,S,R,*16 close f	70
								NGC 5964	GALXY	SER	15 37.6	+05 58	12	4.1 m	3.3 m	145	SBcd	eF,vL,R,vgbM,r	70
								NGC 5990	GALXY	SER	15 46.3	+02 25	12.4	1.6 m	0.9 m	115	Sa	vF,vS,R,gbM	70
								NGC 6014	GALXY	SER	15 56.0	+05 56	12.2	1.7 m	1.6 m		SO	pB,pL,E	70

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.
			x					NGC 5427	GALXY	VIR	14 03.4	-06 02	11.4	2.9 m	2.2 m	170	SBc	pF,cL,R,nf of 2	71
			x		x			NGC 5426	GALXY	VIR	14 03.4	-06 04	12.1	3 m	1.7 m	170	Sc	pF,cL,R,gmbM,sp of 2	71
								NGC 5468	GALXY	VIR	14 06.6	-05 27	12.5	2.4 m	2.3 m	105	SBc	F,L,R,vgbM,*9 sf 4'	71
					x			NGC 5493	GALXY	VIR	14 11.5	-05 03	11.4	1.7 m	1.5 m	124	SO	pB,vS,R,psmbM*,*18 invl	71
								NGC 5496	GALXY	VIR	14 11.6	-01 10	12.1	4.7 m	0.9 m	172	SBcd	pB,vL,E ns	71
					x			NGC 5506	GALXY	VIR	14 13.2	-03 12	11.9	2.7 m	0.8 m	91	Sap	pB,L,E20,lbM	71
					x			NGC 5507	GALXY	VIR	14 13.3	-03 09	12.5	1.6 m	0.9 m	62	SBO	cF,S,R,stellar	71
								NGC 5534	GALXY	VIR	14 17.7	-07 25	12.3	1.4 m	1 m	55	SBab	pF,st inv,*12 np	71
								NGC 5546	GALXY	BOO	14 18.2	+07 34	12.3	1.3 m	1.1 m	10	Elliptical	pB,cS,gbM	71
					x			NGC 5560	GALXY	VIR	14 20.1	+04 00	12.4	3.6 m	0.9 m	115	SBb/P	pF,cL,E,gbM	71
				x			x	NGC 5566	GALXY	VIR	14 20.3	+03 56	10.6	6.6 m	2.3 m	35	SBab Ring	B,pL,R,psbM,r,*f1.5'	71
								NGC 5574	GALXY	VIR	14 20.9	+03 14	12.4	1.5 m	1.1 m	63	SB0	pF,pS,IE,p of 2	71
				x				NGC 5576	GALXY	VIR	14 21.1	+03 16	11	3 m	2.3 m	95	E2	B,S,R,vsmbM,brightest of 3	71

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 5577	GALXY	VIR	14 21.2	+03 26	12.3	3.2 m	0.9 m	56	Sbc Ring	pF,pL,vmE53	71
								NGC 5584	GALXY	VIR	14 22.4	-00 23	11.4	3.4 m	2.7 m	140	SBc	F,L,mE,dif,glbM	71
				x			x	NGC 5634	GLOCL	VIR	14 29.6	-05 59	11	4.9 m			IV	vB,cL,R,gbM,rrr,st 19...,*8 sf	71
					x			NGC 5638	GALXY	VIR	14 29.7	+03 14	11.2	2.3 m	2.1 m	150	E1	cB,pL,R,sf of 2	71
								NGC 5644	GALXY	BOO	14 30.4	+11 56	12.5	1.5 m	1.5 m		SO	pB,pS,R,gmbM	71
								NGC 5645	GALXY	VIR	14 30.7	+07 16	12.5	2.6 m	1.6 m	80	SBcd	cF,pL,iR,gbM	71
								NGC 5652	GALXY	VIR	14 31.0	+05 59	12.5	2 m	1.4 m	117	Sbc	pB,pL,vIE,bM	71
								NGC 5665	GALXY	BOO	14 32.4	+08 05	12	2.1 m	1.3 m	145	SBc	pB,pL,R,gbM,r	71
								NGC 5669	GALXY	BOO	14 32.7	+09 54	11.3	4.2 m	3.4 m	50	SBc	F,L,R,lbM,r	71
					x			NGC 5668	GALXY	VIR	14 33.4	+04 27	11.5	3.2 m	3 m		Scd Ring	F,pS,vIE,*14 inv	71
								NGC 5690	GALXY	VIR	14 37.7	+02 17	11.8	3.4 m	1 m	143	Sc Ring	vF,mE138,F* att sf	71
								NGC 5691	GALXY	VIR	14 37.9	-00 24	12.3	2 m	1.7 m	110	SBap	pB,pS,IE,gbM	71
								NGC 5701	GALXY	VIR	14 39.2	+05 22	10.9	4.7 m	4.6 m		SBO-a Ring	cB,pS,R,mbM,*11p15"	71

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 5713	GALXY	VIR	14 40.2	-00 17	11.2	2.9 m	2.5 m	10	SBbc	cB,pL,R,psmbM,r	71
								NGC 5719	GALXY	VIR	14 40.9	-00 19	12.2	3.2 m	1.2 m	107	SBab/P	pF,S,IE,bM	71
			x					NGC 5740	GALXY	VIR	14 44.4	+01 41	11.9	2.8 m	1.5 m	160	SBb Ring	pB,L,iR,gbM,r	71
		x	x	x		85	x	NGC 5746	GALXY	VIR	14 44.9	+01 57	10.3	6.9 m	1.2 m	170	SBb	B,L,vmE170,bM,BN	71
					x			NGC 5750	GALXY	VIR	14 46.2	-00 13	11.6	3.2 m	1.5 m	65	SBO-a Ring	pF,pS,vIE,r	71
								NGC 5768	GALXY	LIB	14 52.1	-02 32	12.5	1.8 m	1.4 m	60	Scp	F,R,bMFN,S*s	71
								NGC 5770	GALXY	VIR	14 53.2	+03 58	12.3	1.7 m	1.3 m	120	SBO	cF,S,vIE,bM,bi-N	71
								NGC 5774	GALXY	VIR	14 53.7	+03 35	12.1	3 m	2.3 m	145	SBcd	pF,pL,R,np of 2	71
					x			NGC 5775	GALXY	VIR	14 54.0	+03 33	11.4	4 m	1.1 m	146	SBc	F,pS,vmE148,gvlbM	71
								NGC 5792	GALXY	LIB	14 58.4	-01 05	11.3	6.8 m	1.7 m	84	SBb	pB,pL,R,mbM,*8-9 np 1'	71

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.
				x				NGC 4900	GALXY	VIR	13 00.7	+02 30	11.4	2.2 m	2.2 m		SBc	cB,cE,*10 att pos135	72
					x			NGC 4904	GALXY	VIR	13 01.0	-00 02	12	2.2 m	1.5 m	25	SBc	pB,pS,R,bM,B narrow bar	72
					x			NGC 4915	GALXY	VIR	13 01.5	-04 33	12.1	1.6 m	1.3 m	55	Elliptical	pB,S,R,bM	72
					x			NGC 4928	GALXY	VIR	13 03.0	-08 05	12.5	1.1 m	0.9 m	125	Sbc	F,pS,vIE,glbM	72
								NGC 4933A	GALXY	VIR	13 03.9	-11 30	11.7	2 m	1.1 m	45	Sa	pB,pL,iR	72
					x			NGC 4941	GALXY	VIR	13 04.2	-05 33	11.1	3.5 m	1.9 m	15	SBab	pF,L,E,gbMBN,r	72
					x			NGC 4939	GALXY	VIR	13 04.2	-10 20	11.3	5.1 m	2.3 m	5	Sbc	pB,L,R,gmbM	72
								NGC 4951	GALXY	VIR	13 05.1	-06 30	11.9	3.3 m	1.2 m	90	SBc	F,pL,IE,r	72
				x				NGC 4958	GALXY	VIR	13 05.8	-08 01	10.7	3.9 m	1.4 m	15	SBO	vB,pS,E,bMBN	72
					x			NGC 4981	GALXY	VIR	13 08.8	-06 47	11.3	2.8 m	1.9 m	150	SBbc Ring	B,pL,R,*10 sf 1'	72
					x			NGC 4999	GALXY	VIR	13 09.6	+01 40	11.8	2.3 m	1.9 m	35	SBb	cF,pL,R,lbM,er	72
				x				NGC 4995	GALXY	VIR	13 09.7	-07 50	11.1	2.4 m	1.7 m	92	SBb	pB,pL,R,vgpmbM,*8 np	72
								NGC 5125	GALXY	VIR	13 24.0	+09 43	12.4	1.7 m	1.3 m	170	Sb	pF,S,R,gbM	72

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 5147	GALXY	VIR	13 26.3	+02 06	11.8	1.9 m	1.6 m	120	SBd	pB,pL,vIE,vsmbM*12	72
								NGC 5211	GALXY	VIR	13 33.1	-01 02	12.3	2.1 m	1.6 m	30	SBab	pB,S,R,psmbM	72
	C 45		x	x			x	NGC 5248	GALXY	BOO	13 37.5	+08 53	10.3	5.9 m	4.5 m	110	SBbc	B,L,E150,psbMRN	72
								NGC 5300	GALXY	VIR	13 48.3	+03 57	11.4	3.8 m	2.4 m	150	SBc Ring	vF,vL,IE,vgbM	72
								NGC 5306	GALXY	VIR	13 49.2	-07 13	12.1	1.4 m	1.1 m	135	SO	vF,vS,R,r	72
								NGC 5324	GALXY	VIR	13 52.1	-06 04	11.7	2.3 m	2.1 m	170	Sc	cF,L,iR,bM	72
								NGC 5329	GALXY	VIR	13 52.2	+02 20	12.4	1.3 m	1.3 m		Elliptical	F,vS,R,psbM	72
								NGC 5334	GALXY	VIR	13 52.9	-01 07	11.3	4.1 m	3.3 m	15	SBc	cF,vL,R,lbM,r	72
								NGC 5338	GALXY	VIR	13 53.4	+05 12	12.4	2.5 m	1.4 m	97	SBO	vF,E,pF,4'f D*	72
								NGC 5339	GALXY	VIR	13 54.0	-07 56	12	1.9 m	1.7 m	125	SBa	vF,pS,R	72
								NGC 5345	GALXY	VIR	13 54.2	-01 26	12.4	1.6 m	1.6 m		Sa	F,S,R,bM	72
			x	x				NGC 5363	GALXY	VIR	13 56.1	+05 15	10.1	4.6 m	3.1 m	135	Sa	B,pL,R,psbM,*8 nf	72
			x	x				NGC 5364	GALXY	VIR	13 56.2	+05 01	10.5	6.1 m	4.2 m	30	SBc/P	cF,L,R,gbM	72

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 5374	GALXY	VIR	13 57.5	+06 06	12.5	1.6 m	1.5 m		SBbc	cF,pL,R,vgbM,*11 np	72

Deep Sky Object List (1/12)

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	x			x	NGC 4030	GALXY	VIR	12 00.4	-01 06	10.6	4.2 m	3.2 m	27	Sbc	cB,L,vIE,psmbM,B* nr	73
					x			NGC 4045	GALXY	VIR	12 02.7	+01 59	12	3.1 m	1.9 m	95	Sba Ring	pF,L,R,sbM,* sf	73
								NGC 4067	GALXY	VIR	12 04.2	+10 51	12.5	1.3 m	0.9 m	35	Sb	F,pS,R,gbM	73
					x			NGC 4073	GALXY	VIR	12 04.5	+01 54	11.4	3.2 m	2.3 m	105	E1	F,pS,R,pgbM,np of 2	73
								NGC 4079	GALXY	VIR	12 04.8	-02 23	12.4	2.3 m	1.6 m	125	Sbc	F,L,R,*10 n 1'	73
			x					NGC 4116	GALXY	VIR	12 07.6	+02 41	12	3.8 m	2.3 m	155	SBc	vF,E(hook shape),sp of 2	73
			x					NGC 4123	GALXY	VIR	12 08.2	+02 53	11.4	4.3 m	3.2 m	135	SBb	cF,vL,E90,bMN	73
					x			NGC 4124	GALXY	VIR	12 08.2	+10 23	11.4	3.9 m	1.8 m	114	Sa	pB,pL,mE118,bM,r	73
								NGC 4119	GALXY	VIR	12 08.2	+10 23	12.2	3.9 m	1.8 m	114	Sa	IE	73
								NGC 4129	GALXY	VIR	12 08.9	-09 02	12.5	2.3 m	0.6 m	93	SBab	F,pL,pmE95,vglbM	73
								NGC 4178	GALXY	VIR	12 12.8	+10 52	11.4	5 m	1.7 m	30	SBcd	vF,vL,E45,*7f	73
				x				NGC 4179	GALXY	VIR	12 12.9	+01 18	11	4.2 m	1.3 m	143	SO	pB,pS,pmE135,bMN	73
								NGC 4207	GALXY	VIR	12 15.5	+09 35	12.5	1.6 m	0.8 m	124	Scd	pF,pS,IE,*14 np	73

Deep Sky Object List (2/12)

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 4215	GALXY	VIR	12 15.9	+06 24	12.1	1.8 m	0.7 m	174	Sa	B,pS,E,sbM*11	73
					x			NGC 4224	GALXY	VIR	12 16.6	+07 28	11.8	2.5 m	1 m	57	Sa	pB,pS,IE,gbM,r	73
					x			NGC 4233	GALXY	VIR	12 17.1	+07 37	11.9	2.4 m	1.1 m	174	SBO	pF,R,vsbMSN	73
					x			NGC 4235	GALXY	VIR	12 17.2	+07 11	11.6	3.9 m	0.9 m	48	Sa	pB,pL,pmE,bM,p of 2	73
					x			NGC 4241	GALXY	VIR	12 18.0	+06 39	11.9	1.7 m	1.4 m		SBc	vF,L,vgbM,*7S	73
			x	x				NGC 4261	GALXY	VIR	12 19.4	+05 49	10.4	3.8 m	3.5 m	160	E2	pB,pS,R,gbM	73
			x		x			NGC 4260	GALXY	VIR	12 19.4	+06 06	11.8	2.4 m	1.2 m	58	SBab	pB,E,psbM	73
					x			NGC 4264	GALXY	VIR	12 19.6	+05 51	12.8	0.9 m	0.7 m	130	SBO-a	F,pS,R,gbM	73
					x			NGC 4270	GALXY	VIR	12 19.8	+05 28	12.2	2 m	0.9 m	110	SO	pB,S,E	73
			x	x				NGC 4273	GALXY	VIR	12 19.9	+05 21	11.9	2.3 m	1.5 m	10	SBc	pB,L,E,gbM	73
								NGC 4276	GALXY	VIR	12 20.1	+07 41	12.4	1.6 m	1.4 m		SBc	pF,pL	73
			x	x				NGC 4281	GALXY	VIR	12 20.4	+05 23	11.3	3 m	1.6 m	88	Sa	B,vL,R,pgbM	73
								NGC 4292	GALXY	VIR	12 21.3	+04 36	12.2	1.6 m	1.2 m	7	SBO	F,S,R,vglbM,*9 np 72"	73

Deep Sky Object List (3/12)

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		x			NGC 4294	GALXY	VIR	12 21.3	+11 31	12.1	3.2 m	1.2 m	155	SBc	F,L,mE135,biN,p of 2	73
			x		x			NGC 4299	GALXY	VIR	12 21.7	+11 30	12.5	1.7 m	1.6 m	26	SBd	F,L,IE,vgbM,f of 2	73
M 61			x	x				NGC 4303	GALXY	VIR	12 21.9	+04 28	9.6	6.5 m	5.9 m		SBbc Ring	vB,vL,vsbM*,biN	73
								NGC 4307	GALXY	VIR	12 22.1	+09 02	12	3.5 m	0.8 m	24	Sb	pF,L,mE,3 knots	73
					x			NGC 4313	GALXY	VIR	12 22.6	+11 48	11.6	3.8 m	0.9 m	143	Sab	vF,L,E135	73
								NGC 4324	GALXY	VIR	12 23.1	+05 15	11.6	2.9 m	1.2 m	53	Sa Ring	pB,R or IE,bM	73
								NGC 4330	GALXY	VIR	12 23.3	+11 22	12.4	4.5 m	0.9 m	59	Sc	vF,L,mE	73
					x			NGC 4339	GALXY	VIR	12 23.6	+06 05	11.4	2.3 m	2.1 m		Elliptical	B,pL,R,bM,3 of 3	73
					x			NGC 4343	GALXY	VIR	12 23.6	+06 57	12.1	2.3 m	0.7 m	133	Sb	pF,S,E,D?	73
								NGC 4342	GALXY	VIR	12 23.7	+07 03	12.5	1.2 m	0.6 m	168	SO	eF,vS,IE	73
								NGC 4348	GALXY	VIR	12 23.9	-03 27	12.5	3.2 m	0.7 m	40	Sbc	F,pL,E70,vlbM	73
			x	x				NGC 4365	GALXY	VIR	12 24.5	+07 19	9.6	6.5 m	4.9 m	40	Elliptical	cB,pL,vIE,gl,smbM	73
				x				NGC 4371	GALXY	VIR	12 24.9	+11 42	10.8	4 m	2.3 m	95	SBO-a Ring	B,pS,R,gbM	73

Deep Sky Object List (4/12)

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 4378	GALXY	VIR	12 25.3	+04 55	11.7	2.5 m	2.3 m	167	Sa	B,S,*8,9 sf 3'	73
								NGC 4380	GALXY	VIR	12 25.4	+10 01	11.7	3.2 m	1.8 m	153	Sab	vF,pL,R,lbM	73
								NGC 4385	GALXY	VIR	12 25.7	+00 34	12.5	2.1 m	1.3 m	82	SBO-a	vF,vS,alm stell,vsvBN	73
								NGC 4412	GALXY	VIR	12 26.6	+03 58	12.4	1.4 m	1.2 m		SB/P	F,pL,R,gbM,r	73
								NGC 4415	GALXY	VIR	12 26.7	+08 26	12.1	1.4 m	1.2 m		Sa	eF,pS	73
								NGC 4416	GALXY	VIR	12 26.8	+07 55	12.4	1.7 m	1.5 m	84	SBc	vF,L,R,*7 sp 5'	73
								NGC 4411B	GALXY	VIR	12 26.8	+08 53	12.3	2.5 m	2.5 m		SBd		73
			x					NGC 4417	GALXY	VIR	12 26.8	+09 35	11.1	3.3 m	1.4 m	49	SBO	F,pL,E,lbp	73
								NGC 4420	GALXY	VIR	12 27.0	+02 30	12.1	2 m	1 m	8	SBbc	F,pL,IE,r,=4409?	73
			x					NGC 4424	GALXY	VIR	12 27.2	+09 25	11.7	3.5 m	1.7 m	95	SBa	F,pL,iR,bM	73
				x				NGC 4429	GALXY	VIR	12 27.4	+11 06	10	5.8 m	2.8 m	99	Sa	B,L,cE,psbM,*10 nf	73
								NGC 4430	GALXY	VIR	12 27.4	+06 16	12	2.3 m	2 m	80	SBb/P	cF,L,R,gbM	73
								NGC 4434	GALXY	VIR	12 27.6	+08 09	12.1	1.4 m	1.4 m		Elliptical	pF,vS	73

Deep Sky Object List (5/12)

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 4442	GALXY	VIR	12 28.1	+09 48	10.4	4.5 m	1.8 m	87	SBO	vB,pL,R,smbM	73
								NGC 4451	GALXY	VIR	12 28.7	+09 16	12.5	1.5 m	0.9 m	162	Sb	pB,pS,R,bM,*13 s	73
								NGC 4452	GALXY	VIR	12 28.7	+11 45	12	2.7 m	0.6 m	32	SO	pB,S,vmE	73
								NGC 4454	GALXY	VIR	12 28.8	-01 56	11.9	1.9 m	1.6 m	100	SBO-a Ring	F,L,R,gbM,er,vsBN,broad weak bar	73
								NGC 4457	GALXY	VIR	12 29.0	+03 34	10.9	2.6 m	2.3 m		SBO-a Ring	cB,pS,R,smbMN,vBN	73
			x					3C 273	QUASR	VIR	12 29.1	+02 06	12					17.5"-pF,stellar,looks like D*	73
								NGC 4464	GALXY	VIR	12 29.4	+08 09	12.5	0.9 m	0.7 m		Sab	F,vS,R,pgbM(=4665)	73
								NGC 4469	GALXY	VIR	12 29.5	+08 45	11.2	3.4 m	1.2 m	89	SBO-a	pF,pL,mE,bM,r	73
								NGC 4470	GALXY	VIR	12 29.6	+07 49	12.1	1.3 m	0.9 m	0	Sa	F,pL,iR,bM	73
M 49			x					NGC 4472	GALXY	VIR	12 29.8	+08 00	8.4	9.8 m	8.2 m	155	E4	vB,L,R,mbM,r	73
								NGC 4480	GALXY	VIR	12 30.4	+04 15	12.4	2.2 m	1.1 m	175	SBc	pF,pS,E,bs	73
								NGC 4483	GALXY	VIR	12 30.7	+09 01	12.2	1.6 m	0.8 m	65	SBO-a	pB,pS,R,bM	73
								NGC 4488	GALXY	VIR	12 30.9	+08 22	12.2	3.8 m	1.5 m	5	SBO-a	vF,vS,IE	73

Deep Sky Object List (6/12)

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 4487	GALXY	VIR	12 31.1	-08 03	10.9	4 m	2.8 m	100	SBc	F,vL,er	73
								NGC 4497	GALXY	VIR	12 31.5	+11 37	12.5	1.9 m	0.8 m	65	SBO-a	vF or pF	73
								NGC 4496A	GALXY	VIR	12 31.7	+03 56	11.4	3.9 m	3.1 m	70	SBc	F,cL,biN or Dneb	73
								NGC 4505	GALXY	VIR	12 31.7	+03 56	11.9	3.9 m	3.1 m	70	SBc	vF,cL,r,f of 2,=4496?	73
								NGC 4503	GALXY	VIR	12 32.1	+11 11	11.1	3.5 m	1.7 m	12	SBO	pB,S,R,gbM	73
								NGC 4504	GALXY	VIR	12 32.3	-07 34	11.2	4.3 m	2.8 m	30	SBc	pB,cL,iE,gvlbM,er	73
								NGC 4517A	GALXY	VIR	12 32.5	+00 23	12.5	4 m	2.6 m	30	SBd	vF narrow bar	73
			x			79		NGC 4517	GALXY	VIR	12 32.8	+00 07	10.4	10.2 m	1.7 m	83	Sc	cB,vL,vmE89,pB*in cont	73
					x			NGC 4519	GALXY	VIR	12 33.5	+08 39	11.8	2.9 m	2.3 m	145	SBcd Ring	F,pL,R,bM,r	73
								NGC 4522	GALXY	VIR	12 33.7	+09 10	12.3	3.6 m	1 m	33	SBc	eF,pL,IE,vlbM	73
		x	x	x		80	x	NGC 4526	GALXY	VIR	12 34.0	+07 42	9.7	7 m	2.5 m	113	SBO	vB,vL,mE120,psmbM	73
			x	x			x	NGC 4527	GALXY	VIR	12 34.1	+02 39	10.5	5.9 m	2.3 m	67	SBbc	pB,L,pmE69,mbM,vseB N or *	73
								NGC 4528	GALXY	VIR	12 34.1	+11 19	12.1	1.6 m	1 m	5	SBO	pF,cS,R,bM,*9 f 30sec	73

Deep Sky Object List (7/12)

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	x	x		81	x	NGC 4535	GALXY	VIR	12 34.3	+08 12	10	6.9 m	5.4 m	0	SBc	pF,vL,r,vseBN or *	73
								NGC 4532	GALXY	VIR	12 34.3	+06 28	11.9	2.7 m	1.2 m	160	Ir?	pB,pL,pmE,vgbM,r	73
			x	x			x	NGC 4536	GALXY	VIR	12 34.4	+02 11	10.6	7.1 m	3.1 m	130	SBbc	B,vL,mE110,sbM,er	73
				x				NGC 4546	GALXY	VIR	12 35.5	-03 48	10.3	3.3 m	1.6 m	80	E-SO Bar	vB,cL,pmE78,vsmbMN	73
			x					NGC 4564	GALXY	VIR	12 36.4	+11 26	11.1	3.2 m	1.8 m	47	E6	pB,S,IE,psbM	73
		x	!			82	x	NGC 4567	GALXY	VIR	12 36.5	+11 15	11.3	3.1 m	2.2 m	85	Sbc	vF,L,np of Dneb	73
			x			82	x	NGC 4568	GALXY	VIR	12 36.6	+11 14	10.8	4.6 m	2.2 m	23	Sbc	vF,L,sf of Dneb	73
				x				NGC 4570	GALXY	VIR	12 36.9	+07 15	10.9	3.7 m	1.2 m	159	SO	cB,pS,mE0,sbM	73
								NGC 4578	GALXY	VIR	12 37.5	+09 33	11.5	3.1 m	2.3 m	35	SO	pF,pS,R,sbMN,* np	73
M 58			x					NGC 4579	GALXY	VIR	12 37.7	+11 49	9.7	6 m	4.8 m	95	SBb	B,L,iR,vmbM	73
								NGC 4580	GALXY	VIR	12 37.8	+05 22	11.8	2.1 m	1.5 m	165	SBab Ring	pB,L,vgbM,vsBN	73
								NGC 4581	GALXY	VIR	12 38.1	+01 29	12.5	1.9 m	1.1 m	173	Elliptical	F,S,bM,stell N	73
					x			NGC 4586	GALXY	VIR	12 38.5	+04 19	11.7	3.8 m	1.2 m	115	Sa Ring	pB,L,E,psbM,sBN	73

Deep Sky Object List (8/12)

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 4592	GALXY	VIR	12 39.3	-00 32	11.7	6.8 m	1.7 m	97	Sd	F,L,E90,vgbM,BM no BN	73
								NGC 4593	GALXY	VIR	12 39.7	-05 21	10.9	3.7 m	2.6 m	125	SBab	pB,cL,E,sbMN=*,vBN in smooth bar	73
				x				NGC 4596	GALXY	VIR	12 39.9	+10 11	10.4	4 m	3.4 m	135	SBO-a	B,pS,R,gmbM,r,3 * f	73
M104			!!*	x				NGC 4594	GALXY	VIR	12 40.0	-11 37	8	8.6 m	4.2 m	89	Sab	!vB,vL,eE92,vsmbMN	73
								NGC 4597	GALXY	VIR	12 40.2	-05 48	12.1	3.8 m	1.6 m	135	SBc	F,vL,bM	73
								NGC 4602	GALXY	VIR	12 40.6	-05 08	11.5	3 m	1 m	99	SBbc	F,L,E,vglbM	73
								NGC 4606	GALXY	VIR	12 41.0	+11 55	11.8	3.3 m	1.7 m	33	SBa	vF,pS,E,2 or 3 vS * inv	73
					x			NGC 4608	GALXY	VIR	12 41.2	+10 09	11	3.3 m	2.9 m	120	SBO	pB,pL,R,psbM,r,* np 1'	73
					x			NGC 4612	GALXY	VIR	12 41.5	+07 19	10.9	2.7 m	2 m	145	SBO Ring	pB,S,R,psmbM	73
M 59			x					NGC 4621	GALXY	VIR	12 42.0	+11 39	9.6	5.3 m	4 m	165	E3	B,pL,lE,vsmbM,2 * p	73
								NGC 4623	GALXY	VIR	12 42.2	+07 41	12.2	2.2 m	0.7 m	176	SBO-a	cF,pL,E,pslbM	73
								NGC 4632	GALXY	VIR	12 42.5	-00 05	11.7	3 m	1.2 m	63	Sc	pB,L,E45,BM no def BN	73
			x	x				NGC 4636	GALXY	VIR	12 42.8	+02 41	9.5	5.9 m	4.6 m	150	Elliptical	B,L,iR,vgvmbM,r	73

Deep Sky Object List (9/12)

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 4638	GALXY	VIR	12 42.8	+11 27	11.2	2.4 m	1.7 m	125	E5	F,R,gbM,vB cent	73
			x	x				NGC 4643	GALXY	VIR	12 43.3	+01 59	10.8	3.1 m	2.5 m	130	SBO-a	cB,pS,IE,mbM	73
			x		x			NGC 4647	GALXY	VIR	12 43.5	+11 35	11.3	2.9 m	2.3 m	125	SBc Ring	pF,pL,IE115,np of Dneb	73
M 60			x					NGC 4649	GALXY	VIR	12 43.7	+11 33	8.8	7.6 m	6.2 m	105	E1	vB,pL,R,f of Dneb	73
								NGC 4653	GALXY	VIR	12 43.9	-00 34	12.2	3.4 m	3 m	30	SBc	vF,pL	73
			x	x				NGC 4660	GALXY	VIR	12 44.5	+11 11	11.2	2.1 m	1.7 m	100	E5	vB,S,vsymbMN	73
								NGC 4658	GALXY	VIR	12 44.6	-10 05	12.5	2.1 m	0.9 m	0	SBbc	vF,L,E,*16 att,*9 p	73
				x				NGC 4665	GALXY	VIR	12 45.1	+03 03	10.5	3.5 m	3.5 m		SBO-a	B,pL,iR,mbM,*10 sp	73
			x	x			x	NGC 4666	GALXY	VIR	12 45.1	-00 28	10.7	4.5 m	1.4 m	42	SBc	B,vL,mE45,psbM	73
								NGC 4624	GALXY	VIR	12 45.1	+03 03	11.2	3.5 m	3.5 m		SBO-a	B,E,=4636	73
								NGC 4664	GALXY	VIR	12 45.1	+03 03	11.2	3.5 m	3.5 m		SBO-a	pB,2 S * in M,S* p,=4665	73
			x					NGC 4668	GALXY	VIR	12 45.5	-00 32	13.1	1.4 m	0.8 m	5	SBcd	vF,S,iF	73
								NGC 4684	GALXY	VIR	12 47.3	-02 44	11.4	2.8 m	1.1 m	23	SBO-a	B,pL,pmE25	73

Deep Sky Object List (10/12)

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 4682	GALXY	VIR	12 47.3	-10 04	12.1	2.5 m	1.2 m	85	SBc	cF,L,E45,gvlbM	73
								NGC 4688	GALXY	VIR	12 47.8	+04 20	11.9	3.5 m	3.1 m		SBc	eF,pL,*9-10 p 10s	73
								NGC 4694	GALXY	VIR	12 48.2	+10 59	11.4	3.3 m	1.6 m	140	SBO	pF,S,vIE,vBN	73
					x			NGC 4691	GALXY	VIR	12 48.2	-03 20	11.1	2.7 m	2.5 m	15	SBO-a	pB,pL,E90,mbM	73
				x				NGC 4698	GALXY	VIR	12 48.4	+08 29	10.6	4 m	2.9 m	170	Sab	cB,pL,iR,bM,r	73
	C 52		x	x			x	NGC 4697	GALXY	VIR	12 48.6	-05 48	9.2	6.2 m	4.5 m	70	Elliptical	vB,L,IE45,smbMN	73
		x	x	x		83	x	NGC 4699	GALXY	VIR	12 49.0	-08 40	9.5	3.8 m	2.8 m	45	SBb	vB,R,vmbMrN,r	73
								NGC 4700	GALXY	VIR	12 49.1	-11 25	11.9	3 m	0.5 m	50	SBc	F,L,mE40,vlbM,B* p	73
								NGC 4701	GALXY	VIR	12 49.2	+03 23	12.4	3.1 m	2.6 m	45	Sc	F,S,vsBN,complex B cent.	73
								AN 3	GALXY	VIR	12 49.4	-10 07	11.6	2.5 m	2.0 m		Sc?	F,S,IE,spiral pattern ill-defined	73
								NGC 4713	GALXY	VIR	12 50.0	+05 19	11.7	2.9 m	1.8 m	100	SBcd	pB,L,vIE,gIbM	73
								NGC 4731	GALXY	VIR	12 51.0	-06 24	11.5	6.3 m	2.6 m	85	SBc/P	vF,pL,E	73
								NGC 4733	GALXY	VIR	12 51.1	+10 55	11.9	1.5 m	1.5 m		Elliptical	cF,pL,IE,r,*12 p	73

Deep Sky Object List (11/12)

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		x			NGC 4742	GALXY	VIR	12 51.8	-10 27	11.3	2.3 m	1.3 m	75	E3	pB,vS,vbMN=*11,*10 sf	73
			x	x			x	NGC 4754	GALXY	VIR	12 52.3	+11 19	10.6	4.4 m	2.4 m	23	SBO	B,pL,R,psbM,p of 2	73
			x	x				NGC 4753	GALXY	VIR	12 52.4	-01 12	9.9	5.1 m	2.6 m	80	SO	cB,L,vIE,vglbM	73
		x	x	x		84	x	NGC 4762	GALXY	VIR	12 52.9	+11 14	10.3	8.6 m	2 m	32	SBO	pB,vmE31,3 B * s,f of 2	73
								NGC 4778	GALXY	VIR	12 53.1	-09 12	12.5	1.7 m	1.1 m	100	Sa	vF,S,R,vlbM,f of Dneb	73
			x					NGC 4760	GALXY	VIR	12 53.1	-10 30	11.4	2 m	1.8 m	10	Elliptical	pB,R	73
								NGC 4771	GALXY	VIR	12 53.3	+01 16	12.3	3.8 m	0.9 m	133	Scd	F,pL,mE,*9 p 90deg	73
								NGC 4772	GALXY	VIR	12 53.5	+02 10	11	3.1 m	1.8 m	147	Sa	pF,pS,R,mbM	73
								NGC 4779	GALXY	VIR	12 53.8	+09 43	12.4	2.1 m	1.8 m	70	SBbc	vF,pL,R,r	73
								NGC 4775	GALXY	VIR	12 53.8	-06 37	11.1	2.2 m	2.1 m		Scd	F,cL,R,vglbM,r	73
			x	x				NGC 4781	GALXY	VIR	12 54.4	-10 32	11.1	3.4 m	1.4 m	120	SBcd	cB,vL,mE	73
								NGC 4786	GALXY	VIR	12 54.5	-06 52	11.7	1.6 m	1.3 m	175	E2	pB,pS,mbM,r	73
			x					NGC 4790	GALXY	VIR	12 54.9	-10 15	12.1	1.5 m	0.9 m	85	SBc	pF,pS,iR	73

Deep Sky Object List (12/12)

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 4795	GALXY	VIR	12 55.0	+08 04	12.1	1.6 m	1.5 m	115	SBO-a	pB,pL,R,bM,r	73
								UGC 8041	GALXY	VIR	12 55.2	+00 07	12	3.2 m	2.1 m	165	SBd	F,pS,E, spiral pattern faint and indistinct	73
								NGC 4808	GALXY	VIR	12 55.8	+04 18	11.7	2.4 m	1 m	127	Sc	pB,cL,E135,vsBN	73
								NGC 4818	GALXY	VIR	12 56.8	-08 32	11.1	3.4 m	1.3 m	177	SBab	pB,L,pmE0,gbM	73
			x	x				NGC 4845	GALXY	VIR	12 58.0	+01 35	11.2	4.9 m	1.3 m	89	Sab	pF,pL,pmE,vgbM,* nf	73