

IC Objects

ObjectNum	Name	Type	Constellation	Magnitude	Info	RAHour	RAMinute	DecSign	DecDeg	DecMinute
1		Double Star	Peg		D*, 13 & 13, one nebs	0	8.4	+	27	43
2		Galaxy	Cet		F, S, bM	0	11	-	12	49
3		Galaxy	Psc		F, vS, iF, r	0	12.1	-	0	25
4		Galaxy	Peg		vF, vS, R	0	13.4	+	17	29
5		Galaxy	Cet	14	Size: 0.8 F, neb *13	0	17.4	-	9	33
6		Galaxy	Psc	14	Size: 0.5 F, vS, R, mbM = *14	0	19	-	3	16
7			Psc		F, vS, R, *12.5 close	0	19.1	+	10	33
8		Galaxy	Psc	15	Size: 0.7 vF, vS, irr E, lbM	0	19.1	-	3	13
9		Galaxy	Cet	15	Size: 0.4 vF, pL, R	0	19.7	-	14	7
10	UGC 192	Galaxy	Cas	10.3	Size: 5.1 F* inv in eF, vL neb	0	20.4	+	59	18
11			Cas		vF, L, triple * on np corner	0	20.5	+	56	36
12		Galaxy	Psc	16	Size: 0.7 pF, S, E ns	0	20.3	-	2	39
13		Galaxy	Psc	15	Size: 1.6 vF, pL, E ns, dif	0	20.4	+	7	42
14			Psc		susp neb	0	22.6	+	10	29
15			Cet		vF, vS, iF, sbM	0	28	-	0	4
16		Galaxy	Cet	15	Size: 0.5 pB, R, bM	0	27.9	-	13	5
17		Galaxy	Cet	15	pB, vS, R, stellar	0	28.5	+	2	39
18		Galaxy	Cet	15	Size: 0.6 pF, S, iF, gbM	0	28.6	-	11	34
19		Galaxy	Cet	15	Size: 0.6 R, S, stellar = 14m	0	28.7	-	11	38
20		Galaxy	Cet	14	Size: 0.6 pB, R	0	28.5	-	13	0
21		Galaxy	Cet	14	Size: 0.4 pB, vs, iF	0	29.2	-	0	10
22		Galaxy	Cet	15	Size: 0.6 F, S, lbM, r	0	29.6	-	9	3
23			Cet		pB, S, R, bM	0	30.9	-	12	44
24		Open Cluster	And		S, Cl, 30"-40', nebs?	0	31.2	+	30	51
25		Galaxy	Cet	15	Size: 0.8 F, vS, irrR, vlbM, r	0	31.2	-	0	24
26			Cet		F, S, R, gbM; = 135	0	31.8	-	13	20
27			Cet		F, vS, IE pf, bM	0	33.1	-	13	22
28			Cet		vF, dif, vlbM	0	33.1	-	13	27
29		Galaxy	Cet	15	Size: 0.6 vF, S, R, lbM	0	34.2	-	2	11
30		Galaxy	Cet	15	Size: 0.4 vF, S, R, lbM	0	34.3	-	2	5
31		Galaxy	Psc	15	Size: 1.4 F, E pf, dif	0	34.4	+	12	17
32		Galaxy	Cet	15	Size: 0.4 vF, vS, R, lbM	0	35	-	2	8
33		Galaxy	Cet	15	Size: 0.5 vF vS, R, lbM	0	35.1	-	2	8
34		Galaxy	Psc	14	Size: 3.4 vF, pS, IE	0	35.6	+	9	8
35		Galaxy	Psc	15	Size: 1.3 vF, S, dif, *9.5 nf	0	37.7	+	10	21
36			Cet		F, vS, R, dif	0	37.8	-	15	26
37		Galaxy	Cet	15	Size: 0.7 eF, vS, R, dif	0	38.5	-	15	23
38		Galaxy	Cet	14	Size: 0.6 F, S, R	0	38.6	-	15	26
39			Cet		pB, pl, E ns, gbM; = 178	0	39.1	-	14	10
40		Galaxy	Cet	15	Size: 1.2 F, S, R, gbMN = 13.5	0	39.5	+	2	26
41			Cet		vF, S, dif	0	39.7	-	14	10
42		Galaxy	Cet	15	Size: 0.6 S, irr, v dif	0	41.1	-	15	26
43		Galaxy	And		Size: 2.1 vF, S, mbM	0	42.4	+	29	38
44		Galaxy	Cet	14	Size: 0.5 eF, S, R, bet 2 st	0	42.2	+	0	51
45			And		susp neb	0	42.7	+	29	40
46		Galaxy	And	15	pB, S, R, bM	0	43	+	27	15
47		?	Cet		eF, eS, R, stellar	0	42.9	-	13	45
48			Cet		pF, S (var brightness?)	0	43.6	-	7	53
49		Galaxy	Cet		Size: 1.9 eeF, pS, R, e diffc	0	44	+	1	51
50		Galaxy	Cet	14	Size: 0.6 F, = neb *13	0	46.2	-	9	30
51		Galaxy	Cet	13	Size: 1.0 pB, S, bM, r	0	46.4	-	13	26
52		Galaxy	Psc	15	Size: 1.2 vF, vS, R, gvlbM	0	48.4	+	4	6
53			Psc		eeF, pS, R, others susp	0	50.5	+	10	37
54		Double Star	Cet		neb or S Cl, 2', bM	0	50.8	-	2	17
55		Galaxy	Psc	14	Size: 0.5 F, vS, R, *13 close	0	51.7	+	7	43
56		Galaxy	Cet		Size: 1.3 vF, S, lbM	0	51.5	-	12	51
57		Galaxy	Psc	16	Size: 1.1 F, vS, R, vlbM, F* close	0	54.8	+	11	50
58		Galaxy	Cet	15	Size: 0.6 F, vS, R, r	0	55.1	-	13	41
59	LBN 620	Nebula	Cas		Size: 10. pF, eL! (nf gamma Cas)	0	56.7	+	61	4
60		Galaxy	Cet	15	Size: 0.6 F, vS, R, SN	0	56.1	-	13	23
61		Galaxy	Psc	15	Size: 1.5 pF, vS, R, vlbM	0	57.1	+	7	31
62		Galaxy	Psc	15	Size: 1.0 vF, pL, dif	0	58.7	+	11	49
63	LBN 623	Nebula	Cas		Size: 10. pF, eL! conn with np one	0	59.5	+	60	49
64		Galaxy	Psc	16	Size: 1.3 F, S, R, gmbM	0	59.4	+	27	3
65	UGC 625	Galaxy	And	13	Size: 4.3 eF, pL, mE, B st f & s	1	0.9	+	47	41
66		Galaxy	Psc	15	Size: 1.1 vF, vS, irr	1	0.5	+	30	48
67			Cet		vF, suspected	1	0.3	-	6	55
68			Cet		vF, suspected	1	0.4	-	6	57
69		Galaxy	Psc	15	F, iF, lbM	1	1.4	+	31	3
70			Cet		vF, vS, lbM	1	1.1	+	0	3
71			Cet		vF, suspected	1	1.3	-	6	47
72			Cet		neb; *7 sf 2'	1	1.5	-	6	46
73		Galaxy	Psc	15	vF, pL, dif	1	4.9	+	4	46
74		Galaxy	Psc	15	vF, S, stellar	1	5.9	+	4	5
75		Galaxy	Psc	15	Size: 1.6 vF, vS, dif, vlbM	1	7.2	+	10	51
76		Galaxy	Cet	15	Size: 0.7 F, vS, R, lbM	1	8.2	-	4	32
77		Galaxy	Cet		vF, S, irr, bM	1	8.7	-	15	25
78		Galaxy	Cet		F, S, lbM, r	1	8.8	-	15	51
79		Galaxy	Cet		Size: 0.7 R, S, bM N = 14m	1	8.8	-	15	57
80		Galaxy	Cet		vF, S, R, gbM	1	8.9	-	15	24
81			Cet		eF, S, IE, * 1' sff	1	9.2	-	1	41
82		Galaxy	Cet		F, S, gbM	1	9.1	-	16	0
83		Galaxy	Cet	15	Size: 0.5 F, S, dif, lbM	1	10.5	+	1	41
84		Galaxy	Cet	15	pB, S, iF, bM	1	11.5	+	1	39

IC Objects

ObjectNum	Name	Type	Constellation	Magnitude	Info	RAHour	RAMinute	DecSign	DecDeg	DecMinute
85			Cet		eF, close to *8	1	11.8	-	0	28
86		Galaxy	Cet		F, sbM	1	13.5	-	16	14
87		Galaxy	Cet	15	F, pS, R, dif	1	14.3	+	0	46
88			Cet		pF, S, R, vlbM	1	14.5	+	0	48
89		Galaxy	Psc		Size: 2.3 F, S, iF, N = 13m; 462 f; = 4	1	16.1	+	4	18
90		Galaxy	Cet	14	Size: 0.5 B, vS, sbMN	1	16.5	-	7	58
91			Cet		F, S, r, N = 14m	1	18.7	+	2	33
92		Galaxy	Psc	15	Size: 0.7 eeF (different from 468?)	1	19.9	+	32	46
93		Galaxy	Cet	14	Size: 1.2 vF, pS, IE, *8 f 14s, 1' n	1	19	-	17	4
94			Psc		neb *13	1	20.1	+	32	42
95			Cet		F, vS, dif, vlbM	1	19.3	-	12	34
96			Psc		pB, pS, vmbMN = 12m	1	20.3	+	29	40
97			Psc		stellar = 13.5m	1	20	+	14	51
98		Galaxy	Cet	15	Size: 0.6 vF, vS, iF, bM	1	21	-	12	37
99		Galaxy	Cet	15	Size: 0.5 vF, S, lbM	1	22.5	-	12	57
100			Cet		F, vS, R, N = 12.5m	1	22.9	-	4	39
101		Galaxy	Psc	15	Size: 1.6 vF, pL, E, dif	1	24.1	+	9	56
102		Galaxy	Psc	16	Size: 1.0 eF, S, dif	1	24.4	+	9	54
103		Galaxy	Cet	15	Size: 1.4 F, vS, R	1	24.6	+	2	2
104		Double Star	Cet		stellar 13m	1	24.6	-	1	27
105		Galaxy	Cet	16	F, eS, R, lbM	1	24.7	+	2	5
106			Cet		vF, S, dif, lbM; = 530	1	24.7	-	1	35
107		Galaxy	Psc	15	Size: 1.2 vF, vS, R, * close p	1	25.2	+	14	53
108		Galaxy	Cet	15	Size: 0.8 F, pL, E ns	1	24.7	-	12	38
109		Galaxy	Cet	15	Size: 1.3 pB, vS, R	1	25.2	+	2	4
110			Psc		vF	1	25.9	+	33	30
111			Psc		*13 with neb	1	26	+	33	29
112		Galaxy	Psc	14	Size: 0.9 F, S, dif, E pf	1	26	+	11	27
113			Psc		vF, 3' nf of *5	1	26.4	+	19	12
114		Galaxy	Psc	16	Size: 1.6 eF, vS, R	1	26.3	+	9	56
115		Galaxy	Psc	14.2	Size: 0.6 vF, *6 3'5 npp	1	26.9	+	19	13
116			Cet		F, S, R, lbM	1	26.8	-	4	59
117		Star	Cet		pF, S, dif, 560 sf	1	27.4	-	1	52
118			Cet		vF, vS, R, lbM	1	27.6	-	5	0
119		Galaxy	Cet		Size: 1.6 F, E pf, dif, 564 n	1	27.9	-	2	3
120		Galaxy	Cet		F, S, dif	1	28.2	-	1	55
121		Galaxy	Cet	14	Size: 1.2 F, S, R, gbM	1	28.4	+	2	31
122			Cet		pB, S, bM	1	28.2	-	14	50
123		Galaxy	Cet	15	Size: 0.4 F, S, R, sbM	1	28.8	+	2	27
124		Star	Cet		vF, vS, dif	1	29.2	-	1	56
125		Galaxy	Cet	15	Size: 0.4 vF, vS, R, lbM	1	29.3	-	13	18
126		Galaxy	Cet	16	eF, stellar, 557 f	1	29.8	-	1	59
127		Galaxy	Cet		Size: 2.1 F, pS, dif, *11.5 close	1	29.8	-	6	59
128		Galaxy	Cet	14	Size: 0.8 F, R, S, N	1	31.3	-	12	38
129		Galaxy	Cet	14	Size: 1.0 F, pL, R, dif	1	31.6	-	12	41
130			Cet		vF, S, dif	1	31.5	-	15	35
131		Nebula	Tri		vF, close to *13.5	1	33.2	+	30	45
132		Nebula	Tri		vF, D* (13, 13) close	1	33.3	+	30	57
133		Nebula	Tri		vF, S, vlb south, dif	1	33.3	+	30	53
134		Star	Tri		vF, susp, *9 n 3'	1	33.4	+	30	53
135		Nebula	Tri		vF	1	33.2	+	30	28
136		Nebula	Tri		eF, diffc, *10 np 3'	1	33.2	+	30	30
137		Nebula	Tri		vF, pL, dif	1	33.6	+	30	31
138		Galaxy	Cet	15	Size: 1.4 no description	1	33	-	0	42
139		Star	Tri		vF, v dif, vlbM	1	33.7	+	30	28
140		Star	Tri		vF, dif	1	33.7	+	30	29
141		Galaxy	Cet	14	Size: 1.0 pB, S, R, N 11.5 excentr	1	32.8	-	14	49
142		Nebula	Tri		vF, stellar, or *13 inv	1	33.9	+	30	45
143		Nebula	Tri		vF, S, dif, *13 f 0'6	1	34.1	+	30	47
144		Galaxy	Cet	15	Size: 0.6 eF, eS, stellar	1	37.7	-	13	19
145		Galaxy	Cet	15	Size: 0.6 F, S, dif	1	38.7	+	0	44
146		Galaxy	Cet		Size: 1.4 F, vS, R, lbM; = 648	1	38.7	-	17	50
147		Galaxy	Cet	14	Size: 0.8 F, vS, R, vF* close	1	40	-	14	52
148			Psc		eeF, pS, v diffc, 660 sf	1	42.4	+	13	39
149		Galaxy	Cet	14	Size: 1.0 F, pS, E pf, lbM	1	42.4	-	16	18
150		Galaxy	Psc	15	Size: 1.0 F, S, R, dif, *10.5 near, 664	1	43	+	4	12
151			Psc		eF, pS, np of 2	1	44	+	13	12
152			Psc		eF, S, R, vF* close, sf of 2	1	44.1	+	13	2
153			Psc		eF, pS, R, sp of 2	1	44.6	+	12	38
154		Galaxy	Psc	15	Size: 1.3 F, vS, lbM, *11.5 sp	1	45.3	+	10	39
155			Cas		vF, eL, dif	1	47.5	+	59	47
156	UGC 1231	Galaxy	Psc	15	Size: 1.8 pB, S, R, mbMN = *12	1	45.5	+	10	33
157			Psc		eeF, S, R, D* p, nf of 2	1	45.7	+	12	52
158			Cet		vF, vS, R, mbM	1	45.9	-	6	56
159		Galaxy	Cet	16	Size: 0.6 pB, S, R, mbM	1	46.5	-	8	39
160		Galaxy	Cet	14	Size: 0.8 F, stellar, 13m	1	46.4	-	13	15
161			Psc		eeF, vS, R	1	48.7	+	10	22
162		Galaxy	Psc	15	Size: 1.9 eeF, S, IE	1	48.9	+	10	31
163	UGC 1276	Galaxy	Ari	14	Size: 1.8 F, pS, R, bM	1	49.3	+	20	42
164			Cet		pF, S, R, bet 2 st (S Cl?)	1	49.1	-	3	55
165		?	Tri		eF, S, IE, vF* close f; = 684	1	50.2	+	27	38
166	OCL 334	Open Cluster	Cas	11.7	Size: 5. S Cl, nebulous?	1	52.5	+	61	50
167		Galaxy	Ari		Size: 3.0 eF, *10.5 n 4'	1	51.1	+	21	55
168			Cet		vF, stellar, *10 f 4' (707 f 1mag)	1	50.5	-	8	32

IC Objects

ObjectNum	Name	Type	Constellation	Magnitude	Info	RAHour	RAMinute	DecSign	DecDeg	DecMinute
169			Cet		F, S, E pf, bM, r	1	50.6	-	12	41
170			Cet		F, vS, R, stellar	1	52	-	8	32
171		Galaxy	Tri	14	Size: 2.5 pB, pS, cE, * nf	1	55.2	+	35	17
172		Nebula	Cet		Size: 0.1 pB, S, R, bM	1	54.9	+	0	49
173		Galaxy	Cet		Size: 1.2 F, pS, R, lbM	1	56	+	1	17
174		Galaxy	Psc	15	Size: 1.7 neb *13	1	56.3	+	3	46
175		Nebula	Cet		Size: 0.2 vF, dif, diffic	1	56.3	+	1	20
176		Galaxy	Cet	15	Size: 2.4 pB, S	1	56.9	-	2	1
177			Cet		F, vS, R, dif	1	57.1	-	0	9
178			And		pF, N = 13m	1	58.9	+	36	37
179			And		pB, S, IE, *9.5 nf	2	0.2	+	38	2
180		Galaxy	Ari	15	vF, eS, R, stellar, sf 776	2	0	+	23	37
181		Galaxy	Ari	16	eF, eS, stellar	2	0	+	23	40
182		Galaxy	Psc	15	Size: 2.0 F, pL, biN	1	59.8	+	7	25
183		Galaxy	Cet	15	Size: 1.0 F, vS, R, lbM	1	59.6	-	5	22
184		Galaxy	Cet	14	Size: 1.0 eF, vS	1	59.9	-	6	50
185		Galaxy	Cet	16	Size: 0.5 eF, vS, dif	2	0.1	-	1	31
186		Galaxy	Cet	15	F, double, dist 15"	2	0.4	-	1	33
187			Tri		eeF, R	2	1.9	+	26	28
188			Tri		eeF, vS, R	2	2	+	27	2
189		Galaxy	Ari	15	Size: 0.7 vF, vS, R, *13.5 close	2	1.9	+	23	33
190		Galaxy	Ari	15	Size: 0.3 F, vS, R, mbM	2	2.1	+	23	32
191			Ari		pB, pL, IE; = 794	2	2.5	+	18	22
192		Galaxy	Ari	15	Size: 1.1 F, L, R, lbM	2	2.5	+	16	1
193			Ari		eF, pS, IE, B* sf, F* f	2	2.7	+	11	5
194		Galaxy	Cet	15	Size: 1.7 vF, vS, R, *9.5 f 15s	2	3.1	+	2	36
195		Galaxy	Ari	14	Size: 1.5 eeF, S, R, F* s	2	3.7	+	14	42
196		Galaxy	Ari		pF, pS, R, 3 st nr	2	3.9	+	14	43
197		Galaxy	Psc	14	Size: 1.0 pB, S, E 225deg gbM	2	4.1	+	2	47
198		Galaxy	Psc		Size: 1.4 pB, pS, R, bM	2	6.1	+	9	17
199		Galaxy	Psc	15	Size: 1.6 F, S, R, bM	2	6.3	+	9	13
200			Tri		pB, pL, R, bM	2	7.4	+	31	10
201			Cet		vF, S, dif	2	7.3	+	9	6
202		Galaxy	Cet	15	Size: 1.6 vF, vS, dif	2	7.5	+	9	10
203			Cet		vF, vS, R, *10 sf	2	7.5	+	9	7
204			Cet		no description	2	7.4	-	1	23
205		Galaxy	Cet	15	Size: 1.1 pB, vS, irr R	2	7.4	-	2	6
206			Cet		pF, S, irr R	2	7.5	-	7	2
207			Cet		pF, S, irr R	2	7.7	-	6	59
208		Galaxy	Cet	13	Size: 1.5 vF, pL, dif	2	8.4	+	6	23
209		Galaxy	Cet	13	Size: 0.8 pB, S, dif	2	9	-	7	4
210			Cet		no description	2	9.4	-	9	40
211		Galaxy	Cet		Size: 2.5 F, pS, R, bM, 851 sf	2	11.1	+	3	52
212		Galaxy	Ari	16	F, vS, R, stellar	2	13.6	+	16	36
213		Galaxy	Ari	15	F, S, gbM, *13.5 close	2	14	+	16	28
214		Galaxy	Cet	14	Size: 0.9 pB, S, gbM, r	2	14	+	5	11
215		Galaxy	Cet	15	Size: 1.0 pB, E pf	2	14.2	-	6	47
216		Galaxy	Cet	16	vF, eS, R, lbM	2	15.8	-	2	1
217			Cet		F, pL, E ns	2	16.2	-	11	56
218		Galaxy	Cet	15	Size: 0.7 vF, S, dif, *13.5 close, 875	2	17.1	+	1	18
219			Cet		pB, S, stellar	2	18.6	-	6	55
220			Cet		vF, dif, vlbM	2	19.2	-	12	47
221		Galaxy	Tri	14	Size: 2.2 F, pL, R	2	22.7	+	28	16
222		Galaxy	Ari	14	Size: 0.6 F, S, irr, N, excentr	2	22.7	+	11	38
223		Galaxy	Cet		Size: 1.4 vF, S, dif, vF stell N	2	22	-	20	45
224		Galaxy	Cet	14	Size: 0.5 F, S, irr R, lbM	2	24.7	-	12	34
225		Galaxy	Cet	15	Size: 1.8 F, S, R, vlbM, *14 nf 2'	2	26.5	+	1	9
226		Galaxy	Tri	16	Size: 2.3 pF, S, R, bM, 2 F st n	2	27.7	+	28	11
227		Galaxy	Tri	15	Size: 2.3 F, pS, R, lbM	2	28	+	28	10
228		Galaxy	Cet	14	Size: 0.8 vS, R, gbM	2	26.7	-	14	31
229			Cet		neb, 10m	2	27.4	-	23	49
230			Cet		eF, S, *9.4 np 9'	2	28.8	-	10	50
231		Galaxy	Cet	15	Size: 1.1 F, vS, R, stellar	2	30	+	1	10
232		Galaxy	Cet	14	Size: 1.7 vF, S, R, (= IC 231?)	2	31.2	+	1	15
233		Galaxy	Cet	15	pF, S, R, lbM, vF* s 1'	2	31.6	+	2	49
234		Galaxy	Cet	15	F, S, dif, r	2	31.7	-	0	8
235		Galaxy	Ari	14.7	Size: 0.5 F, S, dif	2	32.8	+	20	39
236			Cet		F, S, dif, vlbM	2	32.9	-	0	8
237		Galaxy	Cet	15	Size: 0.5 F, S, R, *9.5 p	2	33.5	+	1	8
238		Galaxy	Ari	14	Size: 1.8 vF, vS, R, mbM	2	35.3	+	12	49
239	UGC 2080	Galaxy	And	11.2	Size: 4.6 vF spiral, F stellar N	2	36.5	+	38	58
240			Per		vF, pS	2	39.1	+	41	44
241		Galaxy	Cet	14	Size: 1.2 vF, pS, R, stell N	2	37.9	+	2	20
242		Galaxy	Cet	15	Size: 0.9 eF, eS, vF* close	2	38.5	-	6	55
243		Galaxy	Cet	15	Size: 0.9 vF, vS, R, bM	2	38.5	-	6	55
244		Galaxy	Cet	15	Size: 0.6 vF, vS, dif	2	39.4	+	2	43
245		Galaxy	Cet	14	Size: 0.7 pB, S, R, lbM	2	38.9	-	14	18
246			Cet		eef, vF, R, 2 eF st nr	2	40.5	+	2	29
247		Galaxy	Cet	14	Size: 1.2 pB, S, R	2	40.1	-	11	44
248		Galaxy	Ari	14	Size: 1.3 vF	2	41.4	+	17	48
249		Galaxy	Cet		Size: 1.9 pB, vS, R, dif, 1051 f	2	41.1	-	6	56
250		Galaxy	Cet	15	Size: 0.8 vF, pS, iF	2	40.9	-	13	19
251		Galaxy	Cet	15	Size: 0.4 F, S, lbM	2	41.2	-	14	58
252			Cet		F, S, bM	2	41.7	-	14	51

IC Objects

ObjectNum	Name	Type	Constellation	Magnitude	Info	RAHour	RAMinute	DecSign	DecDeg	DecMinute
253		Galaxy	Cet	14	Size: 0.3 pB, iF, bM	2	42.1	-	15	3
254		Galaxy	Cet	14	Size: 0.5 vF, eS, R, 1065 close	2	42.1	-	15	5
255		Galaxy	Ari	16	Size: 0.6 vF, vS, R, *12 f 5s	2	47.1	+	16	16
256		Galaxy	Per	14	Size: 2.5 cF, iE, S, 1st of 3	2	49.8	+	46	59
257			Per		eF, pS, R, v diffic, 2nd of 3	2	49.9	+	46	59
258		Galaxy	Per	16	Size: 1.7 vF, vlbM, *9.5 f 2'	2	49.8	+	41	3
259			Per		vF, double, dist 17"	2	50.1	+	41	4
260		Galaxy	Per	15	Size: 1.8 eeF, pS, 2 F st nr, 3rd of 3	2	51.1	+	46	57
261			Eri		F, pL; = 1120	2	49.1	-	14	28
262		Galaxy	Per	15	Size: 2.3 eeF, pS, R, bet 2 st, v diffi	2	51.7	+	42	50
263			Cet		vF, vS, R, N = 14m	2	50.6	-	0	7
264			Cet		vF, eS, R, stellar	2	50.9	-	0	10
265		Galaxy	Per	16	eeF, eS, R	2	54.7	+	41	40
266		Galaxy	Per	15	Size: 0.3 eF, eS, R	2	55	+	42	14
267		Galaxy	Ari		Size: 2.2 vF, pS, dif, 1134 np	2	53.8	+	12	50
268		Galaxy	Eri	15	Size: 0.6 vF, vS, irr R, lbM	2	55.4	-	14	6
269		Galaxy	Eri	15	Size: 1.0 eF, vS, dif	2	55.4	-	14	4
270		Galaxy	Eri	14	Size: 1.2 pB, vS, R	2	55.7	-	14	12
271		Galaxy	Eri	15	Size: 0.8 vF, S, R	2	56	-	12	0
272		Galaxy	Eri	15	Size: 0.9 vF, S, iF	2	56.1	-	14	11
273		Galaxy	Cet	14	Size: 1.8 F, pS, iE 235deg, bM	2	57.1	+	2	47
274			Per		eeF, pS, R, v diffic	3	0.1	+	44	13
275			Per		eeF, pS, R, bet 2 st	3	0.9	+	44	21
276		Galaxy	Eri	14	Size: 2.0 pB, S, mbM	2	58.7	-	15	41
277		Galaxy	Cet		Size: 1.6 pB, pS, R, N = 12.5	2	59.8	+	2	46
278		Galaxy	Per	15	Size: 2.3 vF, *10 p 95", F* 12" sp	3	1.5	+	37	47
279		Galaxy	Ari	15	vF, vS, R, dif	3	1.2	+	16	13
280		Asterism	Per		eF, pS, R	3	3.3	+	42	21
281			Per		eeF, vS, * close n, 1175 nr; = 1177	3	4.5	+	42	21
282			Per		eF, S, R, bet 2 st nr	3	5.2	+	41	51
283		Galaxy	Cet	15	Size: 0.4 pB, eS, R	3	3.9	-	0	12
284	UGC 2531	Galaxy	Per	13	Size: 4.9 eeF, pL, iE, D* np, bet 2 st	3	6.2	+	42	23
285		Galaxy	Eri	15	Size: 1.0 F, vS, dif, 1200 p	3	4.1	-	12	1
286			Eri		vF	3	4.8	-	6	29
287			Eri		F, vS, R, stellar	3	5	-	12	5
288		Open Cluster	Per		vF, vS, R, 2 st nf; S Cl?	3	7.5	+	42	22
289	PK 138+2.1	Planetary Nebula	Cas	12	Size: 0.6 pB, pL, R, bet 2 vF st	3	10.3	+	61	19
290		Galaxy	Per	15	Size: 1.2 eeF, S, R	3	9.7	+	40	59
291		Galaxy	Eri	14	Size: 0.8 F, S, R, bM	3	7.4	-	12	37
292		Galaxy	Per		Size: 1.2 eF, pS, R, * s, bet 2 st	3	10.3	+	40	46
293		Galaxy	Per	15	Size: 0.2 eF, S, R	3	10.9	+	41	7
294			Per		vF, pS, irr R	3	10.9	+	40	38
295			Per		eF, pS, R	3	11	+	40	37
296		Galaxy	Per	16	Size: 2.8 eF, pS, irr R, F D* p	3	11.1	+	40	37
297		Double Star	Per		eeF, pS, R, v diffic, F* sp	3	13.3	+	42	6
298		Galaxy	Cet		F, pL, 2 B points inv	3	11.3	+	1	19
299			Eri		vF, vS, R, lbM	3	11	-	13	7
300		Galaxy	Per		eF, S, R, *9 sp, np of 2	3	14.3	+	42	25
301		Galaxy	Per		eF, pS, R, sf of 2	3	14.8	+	42	13
302		Galaxy	Cet		Size: 2.1 pF, pS, R, vSN	3	12.8	+	4	42
303			Eri		eF, eS, stellar	3	12.7	-	11	42
304		Galaxy	Per	15	Size: 1.3 vF, * 76" sf, np of 2	3	15	+	37	54
305		Galaxy	Per	15	Size: 1.0 vF, * 49" nf	3	15.1	+	37	51
306			Eri		eF, S, R, diffic	3	13	-	11	43
307		Galaxy	Cet	15	Size: 1.9 pB, vS, r	3	13.8	-	0	13
308		Galaxy	Per		eF, pS, iR, r?	3	16.3	+	41	11
309		Galaxy	Per		Size: 1.0 eeF, pS, R, bet 2 st	3	16.1	+	40	48
310		Galaxy	Per		Size: 1.6 vF, pS, R, 1259 and 1260 near	3	16.7	+	41	20
311		Galaxy	Per	16	Size: 1.9 eF, pS, iR, bet 2 st, vF* v c	3	16.8	+	40	1
312		Galaxy	Per		Size: 1.5 eeF, pS, R, nearly bet 2 st	3	18.1	+	41	45
313		Galaxy	Per		Size: 1.6 eeF, vS, R, close D* nr s	3	21	+	41	54
314		Galaxy	Eri	14	Size: 2.1 *13 in vF, S neb	3	18.8	-	1	58
315		Galaxy	Cet	15	vF, S, dif, vlbM	3	19.1	+	4	2
316		Galaxy	Per		eeF, pS, R	3	21.4	+	41	56
317		Galaxy	Eri	14	Size: 0.8 vF, pL, R	3	19	-	12	45
318		Galaxy	Eri	14	Size: 0.8 F, S, dif, lbM	3	20.8	-	14	34
319		Galaxy	Per		stellar, = 13m	3	23.4	+	41	24
320		Galaxy	Per		eF, pS, R, vF* close p	3	26	+	40	47
321		Galaxy	Eri	15	Size: 0.4 pB, vS, R	3	24.5	-	15	0
322		Galaxy	Tau	15	vF, pL, vlbM, diffic	3	25.9	+	3	40
323			Per		eF, pS, R, p of 2	3	29.5	+	41	52
324		Galaxy	Eri		Size: 0.9 F, pS, dif, bM; = 1331	3	26.5	-	21	21
325			Eri		vF, S, R, vlbM	3	30.8	-	7	3
326		Galaxy	Eri	15	Size: 0.4 vF, pL, E ns	3	30.7	-	14	26
327		Galaxy	Eri	15	Size: 0.6 eF, vS, dif, v diffic	3	31.1	-	14	43
328		Galaxy	Eri	14	Size: 0.5 vF, eS, R	3	31.2	-	14	40
329		Galaxy	Tau	15	F, vS, R, lbM	3	32.1	+	0	16
330		Galaxy	Tau	15	Size: 1.0 F, vS, R, lbM	3	32.2	+	0	21
331		Galaxy	Tau	15	*13 in neb	3	32.4	+	0	17
332		Galaxy	Tau	15	F, vS, R, sbM	3	32.7	+	1	23
333			Eri		eF, *8.8 nf 4'	3	34	-	5	7
334	UGC 2824	Galaxy	Cam	12	Size: 6.0 pB, S, *13 inv sf	3	45.2	+	76	38
335		Galaxy	For		Size: 3.0 pF, pS, eE pf	3	35.5	-	34	27
336			Tau		vF, eeL, v dif	3	38.2	+	23	28

IC Objects

ObjectNum	Name	Type	Constellation	Magnitude	Info	RAHour	RAMinute	DecSign	DecDeg	DecMinute
337			Eri		eeF, pL, 3 st nr	3	37.1	-	6	43
338		Galaxy	Tau	15	vF, S, dif, vF* close	3	37.6	+	3	8
339		Star	Eri		eF, eS, stell N	3	38.1	-	18	23
340		Galaxy	Eri	15	Size: 1.4 F, pS, E pf, *14 at end	3	39.5	-	13	7
341			Tau		vF, eeL, v dif	3	41.2	+	21	57
342	UGC 2847	Galaxy	Cam	9	Size: 17.8 pB, vS, *12 close n	3	46.8	+	68	6
343		Galaxy	Eri		Size: 1.8 eF, vS, IE 90deg , dif	3	40.1	-	18	27
344		Galaxy	Eri		eeF, pL, R, 1417 f	3	41.5	-	4	39
345		Galaxy	Eri	15	Size: 0.4 eF, vS, iR, gbM	3	41.2	-	18	19
346		Galaxy	Eri		Size: 1.9 eF, pL, E 80deg , dif	3	41.7	-	18	16
347		Galaxy	Eri	13	Size: 0.7 eF, vS, R, stellar	3	42.5	-	4	17
348	IC 1985	Cluster Nebulosity	Per	7.3	Size: 10. pB, vL, vgbM	3	44.5	+	32	17
349	vdB 22	Nebula	Tau		eF, vS, pos 165deg , dist 36" from Merop	3	46.3	+	23	56
350		Galaxy	Eri	14	Size: 0.8 F, S, R, v dif	3	44.7	-	11	49
351	PK 159-15.1	Planetary Nebula	Per	12	Size: 0.1 plan = *10, *9 p 14s , 2' s	3	47.5	+	35	3
352			Eri		F, vS, R, bM	3	47.6	-	8	44
353	LBN 774	Nebula	Tau		Size: 180. vF, eeL, v dif	3	55	+	25	29
354			Tau		vF, eeL, v dif	3	53.3	+	23	25
355			Tau		vF, S, R, dif	3	53.8	+	20	0
356	UGC 2953	Galaxy	Cam	11	Size: 5.2 pF, pL, bM, *8.5 4' n	4	7.8	+	69	49
357		Galaxy	Tau	14	Size: 1.3 F, S, R, N = 13.5	4	3.8	+	22	9
358		Galaxy	Tau	15	Size: 1.4 vS, dif, lbM	4	3.7	+	19	53
359	UGC 2980	Nebula	Tau		Size: 15. eeF, pL, R	4	19	+	28	12
360	LBN 786	Nebula	Tau		Size: 180. vF, eeL, v dif	4	13	+	25	38
361	OCL 393	Open Cluster	Cam	11.7	Size: 6. F, L (neb Cl?)	4	19	+	58	18
362		Galaxy	Eri	14	Size: 0.3 pB, vS, bM	4	16.7	-	12	13
363			Tau		eF, *9 nf 3'	4	18.9	+	3	3
364		Galaxy	Tau	15	vF, vS, R, sbM	4	19.1	+	3	10
365		Galaxy	Tau	14	Size: 0.6 pB, S, iF, sbM	4	19.2	+	3	20
366			Tau		eF, 3' sf of 1550	4	19.6	+	2	21
367		Galaxy	Eri	15	Size: 0.3 pB, pL, dif	4	20.6	-	14	47
368		Galaxy	Eri	14	Size: 0.8 eS, R, bM	4	22.7	-	12	37
369		Galaxy	Eri	15	Size: 0.5 F, S, R, stellar	4	23.5	-	11	47
370		Galaxy	Eri	14	Size: 1.2 eF, S, dif	4	24.1	-	9	23
371			Eri		stellar, eS (neb?)	4	30.2	-	0	33
372		?	Eri		F, vS, R, lbM	4	30.1	-	5	1
373		Galaxy	Eri	15	Size: 1.0 F, vS, R, mbM	4	30.7	-	4	52
374		Galaxy	Tau	16	F, S, R, mbM	4	32.5	+	16	38
375			Eri		vF, dif, lbM	4	31.1	-	12	58
376		Galaxy	Eri	14	Size: 0.8 F, iF	4	31.1	-	12	27
377			Eri		F, iF	4	31.3	-	12	27
378			Eri		* strongly nebs	4	31.5	-	12	18
379		Galaxy	Eri	15	Size: 0.9 vF, S, R, dif	4	31.9	-	7	15
380		Galaxy	Eri	15	Size: 0.6 vF, bM	4	31.7	-	12	56
381		Galaxy	Cam	14	Size: 3.4 F, S, bM, *12 np	4	44.4	+	75	39
382		Galaxy	Eri	13	Size: 2.0 pB, pL, R, SN	4	37.9	-	9	31
383			Tau		vF, S, dif, *11.5 f	4	39	+	9	54
384			Eri		F, eS, R, *11 n	4	39.3	-	7	50
385			Eri		vF, vS, R, dif	4	39.5	-	7	6
386			Eri		vF, vS, vibM	4	40	-	9	27
387		Galaxy	Eri		Size: 1.5 eF, pL, v dif, diffc	4	41.7	-	7	5
388		Galaxy	Eri	15	Size: 0.4 vF, v dif, S* inv	4	42	-	7	18
389		Galaxy	Eri	15	Size: 0.4 F, S, R, stellar	4	42	-	7	18
390		Galaxy	Eri	15	Size: 0.7 vF, vS, R	4	42.1	-	7	13
391		Galaxy	Cam	12.7	Size: 1.7 F, S, R	4	57.4	+	78	11
392		Galaxy	Ori	15	Size: 1.5 pB, S, R, N = 12.5	4	46.4	+	3	30
393		Galaxy	Eri	15	Size: 0.3 F, vS, iF, lbM	4	47.9	-	15	32
394		?	Eri		vF, dif (vS Cl?)	4	48.9	-	6	17
395			Ori		eF, vS, R, F* close f	4	49.6	+	0	15
396		Galaxy	Cam	13	Size: 3.0 F, S, R, bMN, FD* sf	4	58	+	68	19
397			Aur		F, S	5	1.1	+	40	26
398		Galaxy	Eri		Size: 1.5 eF, pL, E 5deg , dif	4	58.2	-	7	47
399		Galaxy	Eri	14.5	vF, vS, sf of 1741	5	1.8	-	4	18
400			Lep		eF, eS	5	3.7	-	15	46
401			Eri		vF, vS, R, vSN	5	4.3	-	10	5
402			Eri		eF, pL, iR, dif	5	6.3	-	9	8
403			Aur		eF, eS, R	5	15.3	+	39	58
404		Galaxy	Ori	16	vF, vS, stellar, *13 close	5	13.3	+	9	45
405	LBN 795	Nebula	Aur		Size: 30. *6.7 with pB, vL neb	5	16.2	+	34	16
406		Open Cluster	Aur		eF, neb or eS neb Cl	5	17.8	+	39	53
407			Lep		F, IE ns	5	17.7	-	15	31
408			Lep		vF, pS, E, *8.5 south 5'	5	17.9	-	25	5
409		Galaxy	Ori	15	Size: 0.6 pB, R, biN?	5	19.6	+	3	18
410	NGC 1893	Cluster Nebulosity	Aur		Size: 40. dif, many st inv	5	22.6	+	33	31
411		Galaxy	Lep	15	Size: 0.5 vF, vS, R, 2 others in field	5	20.3	-	25	20
412		Galaxy	Ori	14	Size: 1.6 vF, vS, stellar, IC 413 at po	5	21.9	+	3	29
413		Galaxy	Ori	14	Size: 1.2 eF, vS, stellar	5	22	+	3	29
414		Galaxy	Ori	15	Size: 0.4 eF, *9 sf 2'	5	21.9	+	3	20
415			Lep		vF, vS, R, dif	5	21.3	-	15	33
416		Galaxy	Lep		Size: 1.7 F, S, gbM	5	23.9	-	17	16
417	LBN 804	Nebula	Aur		Size: 13. vL, dif, *6 inv	5	28.1	+	34	26
418	PK 215-24.1	Planetary Nebula	Lep	11	Size: 0.2 plan = *9.2 (gaseous sp)	5	27.5	-	12	42
419			Aur		pB, L, mE	5	31	+	30	9
420			Ori		vF, spp *9 (not verified)	5	32.3	-	4	30

IC Objects

ObjectNum	Name	Type	Constellation	Magnitude	Info	RAHour	RAMinute	DecSign	DecDeg	DecMinute
421			Ori		vF, L	5	32.2	-	8	5
422			Lep		pB, vS, R, sbM	5	32.3	-	17	13
423		Nebula	Ori		Size: 6. vF, L, oval ring	5	33.4	-	0	37
424			Ori		vF, L, brightest f	5	33.7	-	0	19
425			Aur		F, vvL	5	37.1	+	32	26
426		Nebula	Ori		Size: 5. vF, 5' diam	5	36.8	-	0	15
427			Ori		L, prob conn with Great Neb	5	36.6	-	6	40
428			Ori		L, prob conn with Great Neb	5	36.6	-	6	31
429			Ori		vF, vS, R (inv in f one?)	5	38.3	-	7	3
430	CED 55K	Nebula	Ori		Size: 11. neb band 10' l, np *5	5	38.5	-	7	5
431	LBN 944	Nebula	Ori		Size: 5. neb *8.6	5	40.3	-	1	27
432	LBN 946	Nebula	Ori		Size: 8. neb, lE, *8.4 inv	5	40.9	-	1	29
433		Galaxy	Lep	14	Size: 0.4 F, S, dif, gbM	5	40.5	-	11	38
434	LBN 954	Nebula	Ori		Size: 60. neb, 60' l, south from zeta O	5	41	-	2	24
435	CED 55Q	Nebula	Ori		Size: 5. neb, *8.5	5	43	-	2	19
436			Aur		eF	5	53.7	+	38	38
437			Lep		vF, vS, R, dif	5	51.6	-	12	34
438		Galaxy	Lep		Size: 3.2 eeF, pS, E ns, 2 st p	5	53	-	17	53
439			Aur		eeL, eE 150deg +/-	5	56.6	+	32	2
440		Galaxy	Cam	14	Size: 2.1 vF, S	6	18.9	+	80	4
441		Galaxy	Lep	14	Size: 1.1 eF, vS, diffc, vF* close	6	2.7	-	12	30
442		Galaxy	Cam	14	Size: 1.4 F, S, R, mbM	6	36.5	+	82	58
443	LBN 844	Nebula	Gem		Size: 50. F, narrow, curved	6	16.9	+	22	47
444	LBN 840	Nebula	Gem		Size: 8. neb, *9.5 inv	6	20.4	+	23	16
445		Galaxy	Cam	14	Size: 1.2 eF, S, R, B* sf	6	37.3	+	67	51
446	IC 2167	Nebula	Mon		Size: 5. neb *10; = IC 2167	6	31	+	10	27
447			Mon		vF, eeL, dif; = IC 2167	6	31.2	+	10	2
448	LBN 930	Nebula	Mon		Size: 15. neby, np *5	6	32.7	+	7	19
449		Galaxy	Cam		Size: 2.0 pF, S, R, bM, bet 2 D st	6	45.7	+	71	21
450		Galaxy	Cam		Size: 1.3 vF, S	6	52.2	+	74	26
451		Galaxy	Cam		Size: 1.6 vF, S	6	52.9	+	74	29
452		Galaxy	CMa		*13.5 in S neby; = 2296	6	48.6	-	16	54
453		Star	CMa		2 or 3 st close?	6	49.1	-	17	2
454			Gem		eeF, S, e diffc, one or 2 st inv	6	51.1	+	12	54
455		Galaxy	Cep	14	Size: 1.2 vF, eS, sf 2300	7	35	+	85	33
456	ESO 427-G024	Galaxy	CMa		Size: 2.3 vF, pS, R, B st nf and np	7	0.3	-	30	10
457		Galaxy	Lyn	16	Size: 0.3 eF, sp 2332	7	9.4	+	50	9
458		Galaxy	Lyn	14	Size: 1.0 F, bM	7	10.5	+	50	6
459			Lyn		eF	7	10.6	+	50	11
460		Galaxy	Lyn	16	Size: 0.4 vF (not seen at Birr)	7	10.7	+	50	13
461		Galaxy	Lyn	16	Size: 0.6 vF, 3 F st f	7	10.7	+	50	5
462			Lyn		vF (not seen at Birr)	7	11	+	50	11
463		Galaxy	Lyn	15	eF	7	10.9	+	50	8
464		Galaxy	Lyn	15	Size: 0.6 F	7	11	+	50	9
465		Galaxy	Lyn	15	Size: 0.8 F	7	11.5	+	50	15
466	CED 92	Nebula	Mon		Size: 1. *11.5 in vF neb	7	8.6	-	4	19
467		Galaxy	Cam	12	Size: 3.5 vF, pS, ssF of 2336	7	30	+	79	52
468		Nebula	CMa		Size: 20. vF neby, perhaps 2 or 3 st i	7	17.5	-	13	9
469		Galaxy	Cep		Size: 2.3 F, S, E, sf 2300	7	56	+	85	10
470			Lyn		eF, eS, stellar	7	23.5	+	46	5
471		Galaxy	Lyn	14	Size: 0.8 eF, pS, R, np of 2	7	43.6	+	49	39
472		Galaxy	Lyn	14	Size: 1.9 eeF, pS, R, sf of 2	7	43.8	+	49	36
473			CMi		neb *14, 2433 nf	7	42.4	+	9	15
474			Gem		pB, vS, dif	7	46.1	+	26	29
475		Galaxy	Gem	15	Size: 0.5 vF, vS, dif	7	47.2	+	30	31
476		Galaxy	Gem	15	vS, vF, lbM, diffc	7	47.3	+	26	57
477		Galaxy	Gem	15	F, pL, R, dif	7	52.1	+	23	28
478		Galaxy	Gem	15	vF, vS, dif	7	53.7	+	26	29
479		Galaxy	Gem	15	pF, vS, R	7	54.4	+	27	0
480			Gem		vF, pL, E ns, dif	7	55.3	+	26	47
481		Galaxy	Gem	15	Size: 1.1 vF, vS, dif	7	59	+	24	9
482		Galaxy	Gem	15	Size: 0.6 vF, S, dif, diffc	7	59.8	+	25	21
483			Gem		F, S, bM, F* nf	7	59.9	+	25	55
484		Galaxy	Gem	15	F, vS, R, bM	7	59.9	+	26	40
485		Galaxy	Gem	15	Size: 1.4 vF, vS, R, sbM	8	0.3	+	26	42
486		Galaxy	Gem	15	Size: 1.0 F, S, dif, gbM	8	0.3	+	26	37
487			Mon		eeF, vS, E 110deg ; = 2494	7	59.2	-	0	40
488			Cnc		vF, S, dif, *13 sp	8	0.8	+	25	54
489			Cnc		vF, vS, sbM	8	1.6	+	26	0
490		Galaxy	Cnc	16	eF, eS, S* f	8	3.3	+	25	48
491		Galaxy	Cnc	15	vF, eS, R	8	3.8	+	26	32
492	UGC 4212	Galaxy	Cnc		Size: 1.3 pB, vgbM, E ns, *13.5 sf	8	5.7	+	26	10
493			Cnc		pB, E ns	8	7.4	+	25	6
494		Galaxy	CMi	14	Size: 1.4 vF, pS, bM	8	6.4	+	1	2
495		Galaxy	Cnc	15	vF, vS, R, gvlbM	8	8.3	+	9	0
496		Galaxy	Cnc	15	Size: 0.3 pF, S, E pf, lbM	8	9.7	+	25	52
497		Galaxy	Cnc	15	Size: 0.5 F, S, R, lbM	8	10.1	+	24	53
498		Galaxy	CMi	15	Size: 1.4 F, pS, R	8	9.4	+	5	16
499		Galaxy	Cam	14	Size: 1.9 pF, S, mbM, * nf	8	46	+	85	43
500		Galaxy	Pup	15	Size: 0.7 vF, dif, vF* att	8	12.6	-	16	3
501		Galaxy	Cnc	15	F, R, lbM	8	18.8	+	24	32
502		Galaxy	Cnc	15	Size: 0.4 F, vS, dif	8	22	+	8	45
503		Galaxy	Hya	14	Size: 1.1 vF, S, lE	8	22.2	+	3	15
504		Galaxy	Hya	14	Size: 1.1 vF, pS, R, 4 st f	8	22.6	+	4	15

IC Objects

ObjectNum	Name	Type	Constellation	Magnitude	Info	RAHour	RAMinute	DecSign	DecDeg	DecMinute
505		Galaxy	Hya	15	Size: 1.4 eF, S, R, lbM	8	23.3	+	4	22
506		Galaxy	Hya	15	Size: 0.4 eeF, eS, R, v diffc	8	23.4	+	4	18
507		?	Hya		eeF, pS, vIE, bet 2 st	8	25.6	-	0	27
508		Galaxy	Cnc	15	F, L, R	8	28.4	+	25	7
509		Galaxy	Cnc		Size: 1.9 vF, pL, dif, lbM	8	32	+	24	0
510		Galaxy	Hya	15	Size: 1.1 F, vS, R, dif	8	32.1	-	2	10
511		Galaxy	Cam		Size: 1.7 vF, S, cE, 2 st sf	8	40.8	+	73	29
512	UGC 4646	Galaxy	Cam	12	Size: 3.6 F, S, R, gbM	9	4	+	85	30
513		Galaxy	Hya	14	Size: 0.6 F, S, dif, r	8	33	-	12	21
514		Galaxy	Hya	15	vF, E ns	8	35.4	-	2	3
515		Galaxy	Hya	16	Size: 1.2 vF, vS, dif, 2616 nf	8	35.5	-	1	54
516		Galaxy	Hya	16	vF, vS, dif, 2616 p	8	35.8	-	1	52
517		Galaxy	Hya	15	vF, S, iF	8	36.3	-	2	4
518		Open Cluster	Hya		vF (vS Cl?)	8	37.1	+	0	41
519		Galaxy	Hya	15	vF, vS, R, diffc, *14 close	8	40.6	+	2	36
520		Galaxy	Cam	13	Size: 2.3 pB, pL, bM, * nr	8	53.7	+	73	29
521			Hya		neb *13	8	46.8	+	2	33
522		Galaxy	UMa	14	Size: 1.0 pF, pS, R, bM (2 eF st inv?)	8	54.5	+	57	10
523		Galaxy	Cnc	15	Size: 1.4 F, S, R, dif	8	53.2	+	9	9
524			Hya		vF, vS, R, vF N?	8	58.2	-	19	11
525		Galaxy	Hya	15	Size: 1.0 F, S, E ns	9	1.3	-	1	52
526		Galaxy	Cnc	15	Size: 0.7 F, S, R	9	2.6	+	10	50
527		Galaxy	Lyn	15	Size: 1.9 eeF, pL, R, e diffc	9	9.6	+	37	35
528		Galaxy	Cnc	15	Size: 1.7 pB, vS, R, N = 13m	9	9.4	+	15	48
529	UGC 4888	Galaxy	Cam	13	Size: 3.7 pF, pL, E	9	18.5	+	73	46
530		Galaxy	Cnc	14	Size: 2.1 pB, S, E pf	9	15.3	+	11	53
531		Galaxy	Hya	15	Size: 1.8 F, vS, E pf, lbM	9	17.9	-	0	17
532		?	Hya		pB, pL, E pf, bM	9	19	-	16	46
533			Hya		eF, S, dif	9	20.4	-	4	0
534		Galaxy	Hya	15	Size: 1.9 vF, S, dif	9	21.2	+	3	9
535		Galaxy	Hya	16	F, vS, R	9	22.2	-	1	3
536		Galaxy	Leo	15	Size: 1.2 F, S, R, lbM	9	24.6	+	25	7
537		Galaxy	Hya	14	Size: 1.0 neb *14	9	25.4	-	12	23
538		Galaxy	Leo		Size: 0.5 *13 in vF neb; = 2885?	9	27.4	+	23	1
539		Galaxy	Hya	14	Size: 1.2 pB, S, R, gbM, r	9	29.1	-	2	33
540		Galaxy	Leo	15	Size: 1.4 F, S, dif	9	30.2	+	7	54
541			Hya		eeF, pS, R, *10 s	9	30.5	-	4	15
542		Galaxy	Hya	15	Size: 1.0 F, vS, E pf, lbM	9	31.2	-	13	10
543		Galaxy	Hya	13	Size: 1.2 vF, pL, E, dif	9	30.9	-	14	44
544		Galaxy	Leo	15	Size: 0.7 vF, dif, diffc	9	35.9	+	24	54
545		Galaxy	Leo	15	Size: 0.4 F, E pf, F* f	9	36.1	+	24	57
546		Galaxy	Hya	14	Size: 0.6 F, vS, iF, 2924 f	9	34.9	-	16	23
547		Galaxy	Hya	13	Size: 1.2 pB, S, R, lbM	9	36.2	-	12	25
548		Galaxy	Leo	15	F, vS, ibM, 2939 np	9	38.3	+	9	26
549			Hya		vF, S, iF, bM	9	40.7	+	3	59
550		Galaxy	Hya	14	Size: 0.6 F, eS, stellar	9	40.5	-	6	56
551		Galaxy	Leo	14	Size: 0.9 F, vS, R, N = 13m	9	40.9	+	6	56
552		Galaxy	Leo	14	Size: 1.1 F, vS, stell N = 14m	9	41.3	+	10	38
553		Galaxy	Hya		vF, vS, R, dif	9	40.7	-	5	26
554			Leo		eeF, eS, alm stell	9	41.8	+	12	26
555		Galaxy	Leo	14	Size: 1.3 pB, vS, R, bM	9	41.9	+	12	17
556		Galaxy	Leo	14	Size: 0.9 F, vS, R, N = 14m	9	43.7	+	11	4
557		Galaxy	Leo	15	Size: 0.5 F, vS, R, vlbM	9	44.1	+	10	59
558		Galaxy	Leo	15	Size: 0.9 F, R, bM	9	45	+	29	27
559		Galaxy	Leo	15	Size: 0.8 F, pS, R, dif	9	44.7	+	9	37
560		Galaxy	Sex	15	Size: 1.5 F, S, dif, *10 near	9	45.9	-	0	16
561		Galaxy	Sex	15	Size: 0.4 pF, dif	9	46	+	3	8
562		Galaxy	Sex		Size: 1.5 vF, pL, E ns, gbM	9	46.1	-	3	58
563		Galaxy	Sex		Size: 1.1 pB, S, dif, gbM	9	46.3	+	3	3
564		Galaxy	Sex		Size: 1.9 pB, pL, E pf	9	46.4	+	3	4
565		Galaxy	Leo	15	Size: 1.7 F, S, dif	9	47.8	+	15	51
566		Galaxy	Sex	15	vF, vS, R, bM	9	50	-	0	14
567			Leo		vF, suspected, 2' from 3024	9	50.5	+	12	49
568		Galaxy	Leo	15	Size: 1.5 F, pL, E pf, gbM	9	51.1	+	15	44
569		Galaxy	Leo	15	Size: 0.2 vF, dif, vlbM	9	51.5	+	10	55
570		Galaxy	Leo	16	pF, S, R, gbM	9	51.8	+	15	46
571		Galaxy	Leo	15	Size: 0.3 pB, S, R, N = 12.5	9	52.5	+	15	46
572		Galaxy	Leo	15	Size: 0.4 F, S, R, gbM	9	52.5	+	15	50
573		Galaxy	Hya	15	Size: 1.2 eF, vS, R, vS* close	9	53.6	-	12	31
574		Galaxy	Sex	15	Size: 0.5 pB, S, R, mbM, * 12s	9	54.4	-	6	58
575		Galaxy	Sex		F, S, R, gbM	9	54.6	-	6	51
576		Galaxy	Leo	15	vF, vS, R	9	55.1	+	11	2
577		Galaxy	Leo	14	Size: 0.7 F, vS, iF, F* n	9	56.1	+	10	30
578		Galaxy	Leo	15	Size: 1.3 F, vS, R, lbM	9	56.3	+	10	29
579			Hya		pF, pS, R	9	56.6	-	14	9
580		Galaxy	Leo	15	Size: 0.6 pF, vS, iF	9	58	+	10	27
581		Galaxy	Leo	15	Size: 1.1 pB, S, dif, N = 13 inv	9	58.2	+	15	56
582		Galaxy	Leo	15	Size: 1.1 pB, S, iF, gbM	9	59	+	17	49
583		Galaxy	Leo	15	Size: 1.0 F, vS, gbM	9	59.1	+	17	50
584		Galaxy	Leo	15	Size: 0.3 eF, S, R, dif, 3070 p	9	59.1	+	10	22
585		Galaxy	Leo	15	Size: 0.2 *13 in eF, S neb	9	59.7	+	13	2
586		Galaxy	Sex	15	Size: 0.4 F, vS, mottled	9	59.9	-	6	55
587			Sex		F, pL, R	10	3	-	2	24
588		Galaxy	Sex	15	Size: 1.1 F, S, R, mottled	10	2.2	+	3	3

IC Objects

ObjectNum	Name	Type	Constellation	Magnitude	Info	RAHour	RAMinute	DecSign	DecDeg	DecMinute
589			Sex		vF, vS, biN?	10	4.4	-	5	41
590		Galaxy	Sex	14	Size: 1.1 F, dif; neb D*?	10	5.9	+	0	38
591	UGC 5458	Galaxy	Leo	14	Size: 1.4 pF, S, R	10	7.5	+	12	16
592		Galaxy	Sex	14	Size: 1.0 F, S, R, dif	10	7.9	-	2	30
593		Galaxy	Sex	14	Size: 0.8 F, S, R, gbM	10	8.3	-	2	32
594		Galaxy	Sex	15	Size: 1.1 F, S, R, gbM, r	10	8.6	-	0	40
595		Galaxy	Leo	15	F, vS, R, lbM	10	9.7	+	11	0
596		Galaxy	Leo	15	Size: 0.8 F, S, dif	10	10.6	+	10	2
597			Sex		F, vS, R	10	10.2	-	6	54
598			UMa		vF, vS, R, bM, alm stell	10	13.1	+	43	14
599		Galaxy	Sex	14	Size: 1.0 pF, S, vibM	10	13.3	-	5	38
600		Galaxy	Sex		Size: 2.3 F, pS, R, gbM	10	17.2	-	3	30
601		Galaxy	Leo	15	Size: 0.6 vF, vS, dif, sbM	10	18.2	+	7	2
602		Galaxy	Leo		Size: 1.1 pB, S, E ns	10	18.3	+	7	3
603		Galaxy	Sex	14	Size: 0.4 F, vS, R, N = 13.5	10	19.4	-	5	39
604			UMa		eeF, vS, vmE (sev eF st in line?)	10	23.8	+	57	2
605		Galaxy	Sex	14	Size: 0.7 f, S, R, gbM	10	22.4	+	1	12
606		Galaxy	Leo	15	Size: 0.4 vF, vS, R, dif	10	23.5	+	10	58
607		Galaxy	Leo	15	Size: 1.5 eeF, pS, R, v diffic, * sp	10	24.2	+	16	45
608		Galaxy	Sex	15	Size: 0.7 F, S, R	10	24.3	-	6	2
609		Galaxy	Sex	14	Size: 1.6 F, pL, R	10	25.5	-	2	13
610		Galaxy	Leo		Size: 2.1 eeF, pS, cE, e diffic; = IC 6	10	26.5	+	20	14
611		Galaxy	Leo		eF, S, IE	10	26.5	+	20	14
612		Galaxy	Leo	15	Size: 0.3 F, vS, dif, vibM	10	27.1	+	11	3
613		Galaxy	Leo	15	Size: 0.3 F, vS, R	10	27.1	+	11	1
614		Galaxy	Sex	15	Size: 0.7 vF, dif	10	26.9	-	3	27
615		Galaxy	Leo	15	Size: 1.4 vF, S, R	10	27.3	+	11	5
616		Galaxy	Leo	15	Size: 1.1 F, pS, R	10	32.8	+	15	52
617		Galaxy	Hya	16	Size: 0.1 vF, vS, R, bM	10	32.8	-	12	38
618			Hya		F, S, E pf, lbM	10	32.8	-	12	44
619			Leo		eeF, S, R, 3 F st f	10	33.5	+	12	33
620		Galaxy	Leo	15	vF, vS	10	33.5	+	11	53
621		Galaxy	Sex	15	F, S, R	10	33.3	+	2	40
622		Galaxy	Leo	14	Size: 2.9 vF, pS, E, * 9s	10	34.6	+	11	11
623		Galaxy	Sex	15	Size: 1.1 F, S, R	10	35.4	+	3	33
624		Galaxy	Sex		Size: 3.3 F, vS, R	10	36.3	-	8	21
625			Hya		eF, pL, E 110deg, dif	10	36.5	-	23	55
626		Galaxy	Sex	14	F, S, R, r	10	37	-	7	1
627		Galaxy	Sex	14	Size: 0.4 F, S, r	10	37.3	-	3	22
628		Galaxy	Sex	15	Size: 1.0 vF, vS, iF	10	37.6	+	5	35
629		Galaxy	Hya		Size: 3.0 vF, vS st inv, Cl?; = 3312	10	37	-	27	34
630		Galaxy	Sex	13	F, eS, stellar, *9.5 sp 1'.5	10	38.5	-	7	10
631			Sex		vF, vS, dif	10	39	-	7	3
632		Galaxy	Sex	15	Size: 1.0 F, S, R, gbM	10	39.2	-	0	25
633		Galaxy	Sex	14	Size: 0.6 vF, vS, R, SN	10	39.4	-	0	24
634		Galaxy	Sex	15	Size: 1.3 vF, S, r	10	40.9	+	5	59
635		Galaxy	Leo	15	Size: 1.3 F, S, R, gbM	10	41.7	+	15	39
636		Galaxy	Sex	15	Size: 1.1 vF, vS, r	10	41.9	+	4	20
637		Galaxy	Leo	15	F, vS, in line w 3 st	10	42.4	+	15	20
638		Galaxy	Leo	15	F, vS, R	10	43.8	+	15	53
639		Galaxy	Leo	15	Size: 0.7 eF, S, mE ns, *10 nf 5'	10	45.9	+	16	56
640			LMi		vF, pS, E, D ?	10	46.8	+	34	45
641			LMi		vS, pS, dif	10	47.8	+	34	40
642		Galaxy	Leo	14	Size: 1.6 vF, pS, IE, 2 st f	10	48.1	+	18	11
643		Galaxy	Leo	15	pF, S, E ns, lbM	10	49.4	+	12	13
644		Galaxy	UMa		eeF, pS, IE, B* sf, sp of 2	10	51.5	+	55	23
645			Sex		F, S, R	10	50.2	-	6	3
646		Galaxy	UMa		eeF, pS, R, nf of 2	10	51.6	+	55	28
647			Hya		eF, vS, dif, 3411 p	10	50.6	-	12	52
648		Galaxy	Leo	15	Size: 0.8 eF, vS, vF* inv, diffic	10	51	+	12	17
649		Galaxy	Sex	15	Size: 0.6 F, S, lbM, *10.5 sp	10	50.9	+	1	11
650			Hya		pF, vS, R	10	50.7	-	13	27
651		Galaxy	Sex		Size: 0.8 pB, pS, gbM, r	10	51	-	2	8
652			Hya		F, vS, R, bM	10	51	-	12	38
653		Galaxy	Leo	14	Size: 2.3 F, S, R, dif	10	52.2	-	0	33
654			Crt		vF, S, diffic	10	53.9	-	11	44
655		Nebula	Leo		Size: 1. eF, iF	10	54.4	-	0	22
656		Open Cluster	Leo		vS, Cl, neb?	10	55.1	+	17	36
657			Leo		F, pS, IE ns	10	57.9	-	4	54
658		Galaxy	Leo	15	Size: 0.3 F, vS, R, stellar	10	58.3	+	8	15
659			Leo		F, S, R, bM	10	58.1	-	6	16
660		Galaxy	Leo	16	vF, S, r	10	58.5	+	1	23
661		Galaxy	Leo	16	eF, vS, R, diffic	10	58.9	+	1	40
662		Galaxy	Leo	16	vF, SN, diffic	10	59.4	+	1	36
663		Galaxy	Leo	16	eF, vS, R, 2 st s, 1st of 4	11	0.6	+	10	27
664		Galaxy	Leo	15	Size: 1.0 eF, vS, R, lbM, 3492 f	11	0.7	+	10	33
665			Crt		F, vS, R, bM	11	0.5	-	13	52
666		Galaxy	Leo	15	eF, vS, iF, 4th of 4	11	1.3	+	10	29
667		Galaxy	Leo	15	vF, vS, R, vibM	11	6.5	+	15	5
668		Galaxy	Leo	15	Size: 0.6 vF, vS, R, bM	11	6.6	+	15	2
669		Galaxy	Leo	14	Size: 1.6 pB, vS, R, sbM	11	7.3	+	6	18
670		Galaxy	Leo	15	Size: 1.3 F, pS, R, bM	11	7.4	+	6	43
671		Galaxy	Leo	15	Size: 1.6 vF, pS, R	11	7.6	+	0	47
672		Galaxy	Crt	15	Size: 0.5 vF, vS	11	8	-	12	29

IC Objects

ObjectNum	Name	Type	Constellation	Magnitude	Info	RAHour	RAMinute	DecSign	DecDeg	DecMinute
673			Leo		vF, vS, E pf, r	11	9.5	-	0	5
674		Galaxy	UMa	14	Size: 1.8 pF, R, bM, D* sf	11	11.1	+	43	38
675			Leo		pB, pL, E ns, biN?	11	10.7	+	3	41
676		Galaxy	Leo	13	Size: 2.2 vF, pS, IE, bet 2 dist st	11	12.7	+	9	4
677		Galaxy	Leo	14	Size: 1.6 F, pL, gbM	11	13.9	+	12	19
678		Galaxy	Leo	15	Size: 0.2 F, S, r, N = 13.5	11	14.1	+	6	35
679			Crt		F, S, R, sbM	11	16.6	-	13	58
680		Galaxy	Leo	15	Size: 0.6 F, S, R, gbM	11	18	-	1	56
681			Crt		vF, S, iF, diffic	11	18.6	-	12	9
682			Leo		eF, eS, R, vF* close np	11	21.2	+	20	13
683		Galaxy	Leo		neb object 13.5m	11	21.4	+	2	45
684			Leo		F, S, ** sp 0'.5; = 3644	11	21.6	+	2	50
685		Galaxy	Leo		eeF, pS, R, * nf	11	22.1	+	17	45
686		Galaxy	Leo	15	eF, vS, R, v diffic	11	23.1	+	5	39
687		Galaxy	UMa	15	Size: 0.7 eF, eS, R, stell N, F* f	11	24.3	+	47	51
688			Crt		eF, vS, R	11	23.7	-	9	48
689			Crt		eF, vS, r, dif; = 3661	11	23.6	-	13	50
690			Crt		pB, S, R, N = 12m	11	24.3	-	8	21
691	UGC 6447	Galaxy	UMa	14	Size: 0.7 pF, pS, R, 2 st nr	11	26.7	+	59	9
692		Galaxy	Leo	14	Size: 0.8 F, vS, R, *12 sf 2'	11	25.9	+	9	59
693		Galaxy	Leo	15	Size: 0.6 F, pS, R, gbM, r	11	26.8	-	5	0
694		Galaxy	UMa		Size: 1.2 vS, forms Dneb with 3690	11	28.5	+	58	34
695			Crt		eF, S, v diffic	11	28	-	11	43
696		Galaxy	Leo	14	Size: 1.0 vF, pS, R, vlbM	11	28.6	+	9	5
697		Galaxy	Leo	15	F, S, R, gbM	11	28.6	-	1	37
698		Galaxy	Leo	14	Size: 1.0 F, vS, R, bM	11	29	+	9	6
699		Galaxy	Leo	15	Size: 1.3 F, vS, IE ns	11	29.1	+	8	59
700		Galaxy	Leo	15	Size: 0.8 pS, R, lbM	11	29.3	+	20	33
701		Galaxy	Leo		Size: 0.7 eF, vS, R, 2 pB st sf	11	30.8	+	20	28
702			Leo		F, vS, R, N = 13.5	11	30.9	-	4	56
703			Crt		eeF, S, R, p of 2	11	31.8	-	11	36
704			Crt		eF, vS (close D?), f of 2	11	31.9	-	11	33
705		Galaxy	UMa	15	Size: 0.3 eeF, vS, R	11	32.9	+	50	14
706		Galaxy	Crt	15	Size: 1.2 eF, vS, lbM	11	33.1	-	13	22
707		Galaxy	Leo	14	Size: 0.6 pF, pS, bM	11	33.6	+	21	22
708		Galaxy	UMa	14	Size: 1.7 eF, S, R, 1st of 4	11	33.9	+	49	3
709		Galaxy	UMa	15	eeF, S, R, 2nd of 4	11	34.2	+	49	2
710		Galaxy	Leo	16	F, vS, R, lbM	11	34.4	+	25	51
711		Galaxy	UMa	15	eeF, pS, R, F, * close sp	11	34.7	+	48	57
712		Galaxy	UMa		Size: 1.6 eF, S, R, pB, * nf	11	34.8	+	49	4
713			Leo		eF, susp, 3' nnn from *6	11	34.8	+	16	51
714			Crt		vF, pS, IE 170deg , gbMN	11	36.5	-	9	51
715			Crt		F, pS, R	11	36.9	-	8	22
716		Galaxy	Vir	15	Size: 1.7 vF, S, lbM	11	39.1	-	0	13
717		?	Crt		eF, pS, E pf, dif	11	39.4	-	10	39
718		Galaxy	Vir	15	Size: 1.2 vF, S	11	39.9	+	8	52
719	UGC 6633	Galaxy	Vir	14	Size: 1.7 F, pL, IE 45deg , bM	11	40.3	+	9	0
720		Galaxy	Vir	15	Size: 1.0 F, S, R	11	42.3	+	8	46
721		Galaxy	Crt	15	Size: 1.1 pF, pL, E pf	11	42.5	-	8	22
722			Vir		eF, vS, *10 nf 2'	11	42.6	+	9	4
723			Crt		pB, S, N = 12.5, r	11	43	-	8	19
724			Vir		F, IE 45deg , S, bM	11	43.4	+	9	2
725		Galaxy	Vir	15	F, vS, IE ns, *11 n 1'	11	43.5	-	1	40
726			UMa		vF, pL, R	11	43.8	+	33	18
727		Galaxy	Leo	15	Size: 1.6 vF, eS, R, 3839 p	11	44.5	+	10	46
728		Galaxy	Vir	15	Size: 1.3 vF, S, R	11	44.9	-	1	36
729		Galaxy	UMa	15	F, pS, R	11	45.2	+	33	19
730		Galaxy	Vir	15	Size: 0.6 F, vS, R, gbM, R	11	45.6	+	3	13
731			UMa		vF, vS, R	11	46	+	49	34
732		Galaxy	Leo	15	Size: 0.4 vF, v dif	11	46	+	20	26
733			Crt		F, vS, R, gbM, r	11	46	-	8	10
734		Galaxy	Crt	16	Size: 0.8 F, S, dif	11	46.2	-	8	17
735			Vir		eF, S, iF	11	48.2	+	10	13
736		Galaxy	Leo	15	Size: 0.4 vF, eS, R	11	48.4	+	12	43
737		Galaxy	Leo	15	Size: 0.6 vF, eS, R, N = 14	11	48.5	+	12	43
738			Vir		F, S, R, N = 14m	11	48.9	-	4	41
739			Leo		vF, S, R, *10.5 f	11	50.4	+	23	49
740		Galaxy	UMa	13	Size: 2.7 eeF, pL, iR, 3916 s; = 3913	11	50.6	+	55	21
741		Galaxy	Vir	15	Size: 0.5 pB, S, R, sbMN = 12m	11	50.5	-	4	49
742		Galaxy	Leo	15	Size: 1.3 eeF, pS, R, pB* sp	11	51	+	20	48
743			Crt		F, S, dif	11	53.4	-	13	16
744		Galaxy	Leo	16	eF, vS, v diffic	11	54.1	+	23	12
745		Galaxy	Vir	14	Size: 0.7 F, vS, stellar, N = 14	11	54.3	+	0	8
746		Galaxy	Leo	14	Size: 1.3 F, pS, R	11	55.6	+	25	53
747			Vir		F, vS, R, stellar	11	57.1	-	8	18
748		Galaxy	Vir	15	Size: 0.3 F, vS, R, sbMN = 13	11	57.5	+	7	28
749	UGC 6962	Galaxy	UMa	12.2	Size: 2.5 pB, L, R, lbM	11	58.6	+	42	44
750	UGC 6973	Galaxy	UMa	11.8	Size: 2.9 pB, L, IE 35deg , bM	11	58.9	+	42	43
751		Galaxy	UMa		Size: 1.5 pF, pL, IE 45deg , mbM	11	58.9	+	42	34
752		Galaxy	UMa	15	vF, S, iR, *13 nf 1'.5	11	59.3	+	42	33
753		Galaxy	Vir	14	Size: 0.6 pB, vS, R, vmbM, *11 nf	11	59.2	-	0	30
754		Galaxy	Vir	14	Size: 0.9 F, S, R, sbM	11	59.4	-	1	38
755		Galaxy	Com		Size: 2.7 eeF, S, E, bet 2 st	12	1.2	+	14	6
756		Galaxy	Vir	15	Size: 2.1 vF, pL	12	3	+	4	50

IC Objects

ObjectNum	Name	Type	Constellation	Magnitude	Info	RAHour	RAMinute	DecSign	DecDeg	DecMinute
757		Double Star	UMa	13	susp, close to *12	12	3.4	+	52	39
758	UGC 7056	Galaxy	UMa	13	Size: 2.0 eeF, pS, R, bet 2 distant st	12	4.2	+	62	30
759			Com		pB, pL, E pf	12	5.2	+	20	15
760		Galaxy	Hya		Size: 1.6 F, S, R, bM, E 150deg ?	12	5.9	-	29	18
761		Galaxy	Crv	15	Size: 0.6 neb *14	12	6	-	12	40
762		Galaxy	Com	15	Size: 0.6 pB, S, R, N = 12m	12	8.1	+	25	45
763		Galaxy	Com	15	Size: 0.8 F, vS, N = 13m	12	8.2	+	25	49
764	UA 273	Galaxy	Hya	12	Size: 4.8 eF, pL, E ns, lbM	12	10.2	-	29	44
765		Double Star	Com		vF, susp 6' n of 4152	12	10.5	+	16	8
766		Galaxy	Crv	14	Size: 1.2 pB, E ns, sbMN = 14m	12	10.9	-	12	40
767		Galaxy	Vir	15	Size: 0.6 F, vS, stell, N = 14m	12	11.1	+	12	5
768		Galaxy	Vir	15	Size: 1.6 vF, pS, R, gbM	12	11.9	+	12	8
769	UGC 7209	Galaxy	Vir	13	Size: 2.5 vF, pS, vlbM	12	12.5	+	12	7
770			Vir		vF, vS, R, *13.5 n 1'	12	13	-	4	33
771		Galaxy	Vir	15	vF, S, R, * 3' south	12	15.2	+	13	11
772		Galaxy	Com	15	vF, vS, stell	12	15.2	+	23	57
773		Galaxy	Vir		Size: 1.8 F, vS, dif, 2 vF st inv	12	18.1	+	6	8
774			Vir		F, vS, R, gbM	12	18.8	-	6	46
775	UGC 7350	Galaxy	Vir	13.3	Size: 1.4 vF, S, stell, N	12	18.9	+	12	55
776	UGC 7352	Galaxy	Vir	14	Size: 2.1 F, pL, R	12	19	+	8	51
777		Galaxy	Com	14	Size: 1.3 vF	12	19.4	+	28	18
778			UMa		eF, pS, r, bet 2 st	12	19.4	+	56	0
779			Com		F	12	19.8	+	29	53
780		Galaxy	Com	14	Size: 1.3 pB, S, R, N = 12.5m	12	19.9	+	25	46
781		Nebula	Com		Size: 1. vF, S, dif	12	20.1	+	14	58
782		Galaxy	Vir	15	Size: 0.6 eF, S, R	12	21.6	+	5	45
783	UGC 7415	Galaxy	Com	13.6	Size: 1.5 eF, S, R	12	21.6	+	15	45
784			Vir		vF, pL, mE, pB* s	12	22.6	-	4	39
785		Galaxy	Crv	15	Size: 0.8 F, vS, R, stell	12	23	-	13	14
786		Galaxy	Crv	15	Size: 1.0 vF, eS, R, stell	12	23.2	-	13	13
787		Galaxy	Com	15	Size: 1.0 eF, pS, R, B* n, 4405 f	12	25.5	+	16	6
788			Com		pB, pL, R, 4405 south; = 4405?	12	26.1	+	16	12
789		Galaxy	Vir	15	F, vS, R, N = 14m, vF* close	12	26.3	+	7	27
790		Galaxy	Vir	15	Size: 0.5 vF, vS, f 4410	12	26.5	+	9	1
791		Galaxy	Com	14	Size: 1.2 BN = 12m	12	27	+	22	38
792		Galaxy	Com	15	Size: 1.8 F, S, gbM	12	27.1	+	16	20
793			Vir		eF, S, mE, 3 others in field; = 4445	12	28	+	9	26
794		Galaxy	Vir		Size: 1.7 F, S, E pF, bM	12	28.1	+	12	6
795		Galaxy	Com	15	pB, S, stellar, 13m	12	28.5	+	23	18
796		Galaxy	Com	14	Size: 1.4 F, S, E ns, r	12	29.4	+	16	24
797		Galaxy	Com	14	Size: 1.2 F, S, R, gbM	12	31.9	+	15	7
798		Galaxy	Com	15	vF, eS, R	12	32.5	+	15	24
799			Vir		eF, eS, R (eF* att p?); = 4520	12	33.7	-	7	24
800		Galaxy	Com		Size: 1.7 F, S, R, gbM	12	33.9	+	15	21
801		Galaxy	CVn	15	Size: 1.2 eeF, S, R, * close n	12	33.8	+	52	15
802		Nebula	Dra		Size: 1. vF, S, stellar	12	35.8	+	74	15
803		Galaxy	Com	15	Size: 0.7 eF, S, v diffic	12	39.6	+	16	36
804		Galaxy	Vir		vF, vS, R	12	41.3	-	5	1
805			Com		vF, pL, R, 2 st n & nf; = 4611	12	41.3	+	13	44
806		Galaxy	Crv	15	Size: 0.6 eF, eS, R, *12 close	12	42.2	-	17	20
807		Galaxy	Crv	15	Size: 0.3 pF, vS, R, gbM	12	42.3	-	17	22
808		Open Cluster	Com		S nebs Cl	12	41.9	+	19	57
809		Galaxy	Vir	15	Size: 1.1 eF, pS, R, M59 s	12	42.1	+	11	45
810		Galaxy	Vir	15	Size: 1.7 eF, pS, mE	12	42.1	+	12	36
811			Vir		nebs *13, sf 4658; = 4663	12	44.8	-	10	12
812			Vir		pB, S, R, N = 13m	12	44.9	-	4	26
813		Galaxy	Com	14	Size: 1.1 F, pS, iR, bM	12	45.2	+	23	3
814			Vir		pB, vS, R, r	12	45.6	-	8	6
815		Galaxy	Vir	15	Size: 0.4 F, vS, *14 inv	12	46.4	+	11	53
816		Galaxy	Vir	15	Size: 1.0 eeF, vS, R, D* nf, np of 2	12	46.7	+	9	51
817		Galaxy	Vir	15	Size: 0.3 eeF, vS, R, sf of 2	12	46.9	+	9	52
818		Galaxy	Com		Size: 1.3 vS, R, bM, *12 nf 2'.5	12	46.6	+	29	44
819			Com		vF, vS, np & conn with IC 820	12	47.2	+	30	44
820			Com		Dneb with IC 819 and brighter; = 4676	12	47.2	+	30	43
821		Galaxy	Com		Size: 1.4 R, pL, gbM, 2 st ssf	12	47.4	+	29	48
822		Galaxy	Com	16	Size: 0.4 F, eS, bM	12	47.8	+	30	5
823		?	Com		susp, 2' s of 4692	12	47.8	+	27	12
824		Galaxy	Vir	15	Size: 0.5 pB, pL, E pf, biN	12	49.7	-	4	34
825			Vir		eeF, pS, R, nearly bet 2 st	12	50.3	-	5	23
826		Galaxy	Com	15	Size: 0.6 F, pS, R, gbM	12	51.3	+	31	4
827		Galaxy	Com	15	Size: 1.0 vF, S, E pf, dif	12	52	+	16	17
828			Vir		F, vS, R, N = 13.5m	12	52.3	-	8	8
829		Galaxy	Crv	15	Size: 0.4 neb *13	12	52.4	-	15	31
830		Galaxy	UMa	14	Size: 0.8 vF, vS, IE, stellar	12	51.2	+	53	41
831		Galaxy	Com	15	F, S, R, bM	12	52.7	+	26	29
832		Galaxy	Com		F, S, R, bM, D* nf	12	53.8	+	26	27
833			Vir		vF, S, R	12	56.7	-	6	44
834			Com		pF, pS, sbM	12	56.5	+	26	20
835		Galaxy	Com		Size: 0.6 F, S, R	12	56.9	+	26	29
836		Galaxy	Dra	15	Size: 1.4 eeF, vS, v diffic, bet 2 st	12	56	+	63	37
837		Galaxy	Com	15	F, S, R	12	57.5	+	26	30
838		Galaxy	Com	14	vF, 1'.5 nf 4849	12	58.2	+	26	24
839		Galaxy	Com		stellar, 13m	12	58.4	+	28	9
840		Galaxy	Vir	15	Size: 1.0 F, S, R, lbM, r	12	58.7	+	10	37

IC Objects

ObjectNum	Name	Type	Constellation	Magnitude	Info	RAHour	RAMinute	DecSign	DecDeg	DecMinute
841			Com		vF	12	59.8	+	21	49
842		Galaxy	Com	15	pF	13	0.6	+	29	1
843		Galaxy	Com	15	F, bMN	13	1.6	+	29	8
844		Galaxy	Cen		Size: 1.3 vF, vS, lbM	13	3.3	-	30	31
845			Vir		eeF, S, R, F* nr p; decl uncertain	13	5.3	+	12	7
846		Galaxy	Com	15	vF, R, lbM, diffic	13	5.3	+	23	6
847			UMa		vF, S, R, bet 2 st; = 4974	13	6	+	53	41
848		Galaxy	Com	15	Size: 0.8 eF, vS, diffic	13	7	+	16	2
849		Galaxy	Vir	14	Size: 1.2 F, pL, R, gbM	13	7.6	-	0	56
850		Galaxy	Vir		Size: 0.8 vF, S, R	13	7.8	-	0	51
851		Galaxy	Com	15	Size: 1.0 vF	13	8.5	+	21	2
852		Galaxy	UMa	15	Size: 1.1 F, pS, R, B* p	13	7.6	+	60	9
853		Galaxy	UMa		Size: 1.3 eeF, pS, R	13	8.6	+	52	46
854		Galaxy	Com	15	Size: 0.6 pF, vS, R, vlbM	13	9.8	+	24	35
855			Vir		F, S, *13.5 sp	13	10.6	-	4	29
856			Com		F, E, lbM	13	10.7	+	20	32
857			Com		pF, vS, R, gvlbM	13	13.8	+	17	5
858		Galaxy	Com	15	Size: 1.7 F, vS, R, stellar, N = 12m	13	14.9	+	17	13
859		Galaxy	Com	15	pF, R, N = 14m	13	15	+	17	13
860		Galaxy	Com	15	Size: 0.5 F, vS, R, N = 12m	13	15.1	+	24	36
861		Galaxy	CVn	16	Size: 1.1 F, vS, R, sbM	13	15.1	+	34	19
862		Galaxy	Com	15	Size: 0.3 pB, eS, R, N = 12m	13	16.2	+	20	2
863		Galaxy	Vir		Size: 2.4 F, S, iF, biN	13	17.2	-	17	16
864		Galaxy	Com	16	Size: 1.1 vF, pS, R, bMSN	13	17.2	+	20	42
865			Vir		F, vS, R, stellar	13	17.6	-	5	50
866		Galaxy	Com	16	Size: 1.1 vF, S, R, lbM	13	17.2	+	20	42
867		Galaxy	Com	15	Size: 1.5 vF, R, lbM	13	17.2	+	20	39
868		Galaxy	Com	15	vF, R, lbM	13	17.4	+	20	36
869			Com		vF, S, R, lbM	13	17.5	+	20	41
870			Com		vF, S, R, lbM	13	17.5	+	20	36
871		Galaxy	Vir	15	Size: 2.1 pB, pS, E pf, dif	13	17.9	+	4	24
872			Vir		eeF, pS, R, lbM	13	18.2	+	6	21
873		Galaxy	Vir	15	F, vS, R, bMN = 13.5m	13	18.3	+	4	28
874		Galaxy	Hya		Size: 1.2 vF, S, R, dif	13	19	-	27	38
875	UGC 8355	Galaxy	UMa	13	Size: 1.9 eF, S, R, stellar	13	17.1	+	57	32
876		Galaxy	Vir	15	Size: 0.6 F, pL, dif	13	18.5	+	4	29
877			Vir		eeF, pS, pB* f 13s	13	19	+	6	5
878			Vir		eeF, pL, v diffic	13	19	+	6	7
879		Galaxy	Hya		Size: 1.3 eF, pL, iR, dif	13	19.7	-	27	26
880			Vir		eeF, pS, E ns, pB* s, 5th of 5	13	19.1	+	6	7
881		Galaxy	Com	15	Size: 1.7 F, vS, R, stellar	13	20	+	15	51
882		Galaxy	Com	15	pF, vS, R, stellar	13	20.2	+	15	54
883		Galaxy	CVn		Size: 1.7 F, pS, iR, bM	13	20.6	+	34	8
884			Vir		vF, pS, R	13	22.9	-	12	44
885		Galaxy	Com	15	Size: 0.8 vF, pS, R	13	22.6	+	21	19
886			Vir		vF, vS, bMN, v diffic	13	23.9	-	4	24
887			Vir		vF, vS, nearly bet 2 st	13	24.2	-	12	28
888			Vir		eeF, pS, R	13	25.8	+	13	45
889		Galaxy	Vir	15	F, vS, R, N = 14m	13	26.6	+	11	52
890			Vir		vF, sbM *13.5, r	13	28.4	-	16	5
891		Galaxy	Vir	15	Size: 0.3 F, S, R, N = 13m	13	30	+	0	18
892		Galaxy	Vir	14	Size: 1.3 pB, iF, bM, r	13	31.8	-	2	43
893		Galaxy	Vir	15	Size: 1.2 F, vS, dif	13	31.8	-	2	36
894		Galaxy	Com	15	Size: 1.0 pF, vS, R, lbM	13	32.1	+	17	3
895			CVn		vF, pLR, sbM, D?	13	32.3	+	35	40
896		Galaxy	Vir	15	Size: 1.0 vF, vS, dif, lbM	13	34.1	+	4	52
897		Galaxy	Com	15	Size: 1.0 vF, s of 5217	13	33.9	+	17	43
898		Galaxy	Vir	15	vF, vS, dif	13	34.2	+	13	17
899		Galaxy	Vir	15	Size: 0.3 F, vS, R, sbM N	13	34.9	-	8	5
900		Galaxy	Vir		Size: 1.7 F, S, R, gbM	13	34.7	+	9	21
901		Galaxy	Vir	16	Size: 1.3 pF, eS, R	13	35.7	+	13	20
902		Galaxy	UMa	15	Size: 2.2 eeF, S, mE, v diffic	13	36	+	49	58
903		Nebula	Vir		Size: 0.3 pB, iE ns, gbM N = 13m	13	38.4	-	0	14
904		Galaxy	Vir	15	Size: 1.1 F, vS, dif	13	38.6	+	0	32
905		Galaxy	Boo	15	Size: 0.8 F, vS, R, lbM, stellar	13	40.1	+	23	10
906		Galaxy	Boo	16	Size: 0.8 eF, S, bM	13	40.1	+	23	22
907			UMa		eF, pS, R	13	39.5	+	50	43
908		Galaxy	Vir	15	Size: 0.8 eF, pS, *13.5 close	13	41.2	-	4	19
909		Galaxy	Boo	15	no descr	13	40.8	+	24	29
910		Galaxy	Boo	15	Size: 0.5 F, S, bM, r	13	41.1	+	23	17
911		Galaxy	Boo	16	Size: 0.4 eF, eS, R, lbM	13	41.4	+	23	15
912		Galaxy	Boo	16	Size: 0.6 eF, eS, R, lbM	13	41.4	+	23	15
913		Galaxy	Boo	16	Size: 1.0 vF, vS, R, dif	13	41.5	+	23	10
914		Galaxy	Boo	15	Size: 0.6 vF, vS, R, dif	13	41.7	+	23	12
915			Vir		eF, vS, diffic	13	43.5	-	17	20
916		Galaxy	Boo	15	Size: 0.5 N = 13m	13	42.6	+	24	28
917			UMa		S	13	42.7	+	55	38
918			UMa		vF, vS	13	42.8	+	55	36
919			UMa		cB, R, bM	13	42.9	+	55	35
920		Galaxy	Vir	15	Size: 0.4 F, vS, R, bM N, r	13	45.5	-	12	34
921			UMa		vS, R, bM	13	43.2	+	55	40
922		Nebula	UMa		Size: 0.1 vS, R, bM	13	43.3	+	55	36
923			UMa		vS	13	43.3	+	55	37
924			Vir		F, S, dif, 86 Vir nf	13	45.6	-	12	27

IC Objects

ObjectNum	Name	Type	Constellation	Magnitude	Info	RAHour	RAMinute	DecSign	DecDeg	DecMinute
925			UMa		vS	13	43.4	+	55	36
926			UMa		vS, R, bM	13	43.5	+	55	39
927			Vir		F, S, dif, 86 Vir nf	13	45.9	-	12	28
928		Nebula	UMa		Size: 0.1 F, vS, R, gbM	13	43.7	+	55	37
929			UMa		vS, R, bM	13	43.7	+	55	39
930			UMa		F, vS, R, gbM	13	43.8	+	55	41
931		Nebula	UMa		Size: 0.1 F, vS, R, gbM	13	43.8	+	55	37
932			UMa		vS, R	13	43.8	+	55	38
933		Galaxy	Boo	15	Size: 1.3 vF, vS, R, N = 13m, stellar	13	45.3	+	23	13
934			UMa		F, vS, R	13	44	+	55	37
935			UMa		F, vS, R, gbM	13	44	+	55	36
936			UMa		F, vS, R	13	44	+	55	37
937			UMa		vS	13	44.5	+	55	39
938			UMa		vS	13	44.6	+	55	37
939		Galaxy	Vir	15	Size: 1.0 pB, vS, bM	13	47.7	+	3	24
940		Galaxy	Vir	15	vF, vS, dif	13	47.9	+	3	27
941		Galaxy	Boo	15	F, eS, gbM, r	13	48.5	+	24	0
942		Galaxy	UMa	15	Size: 0.3 eF, pS, R	13	47.6	+	56	36
943		Galaxy	Vir	15	Size: 0.6 pF, iF, lbM, F* close	13	50.5	+	3	11
944		Galaxy	Boo	15	Size: 1.7 vS, pS, mE, 3 st f	13	51.5	+	14	5
945		Galaxy	UMi	16	Size: 0.5 eeF, S, R, 2 st nf	13	48	+	72	3
946		Galaxy	Boo	14	Size: 1.0 eF, vS, R, * close f	13	52.1	+	14	6
947		Galaxy	Vir	14	Size: 1.7 pB, vS, R, sbMN = 12m	13	52.7	+	0	48
948		Galaxy	Boo	14	Size: 1.2 eF, S, R	13	52.4	+	14	5
949		Galaxy	Boo	15	Size: 1.2 pF	13	52.2	+	22	31
950		Galaxy	Boo	15	Size: 1.4 F, eS, R, lbM	13	52.4	+	14	29
951		Galaxy	UMa	14	Size: 1.4 eeF, pS, R, 2 st nr sp	13	51.7	+	51	0
952		Galaxy	Vir	15	Size: 1.4 F, E pf, F* inv	13	53.7	+	3	22
953			Cen		vF, eS, gbM	13	55	-	30	21
954		Galaxy	UMi		Size: 1.3 eeF, S, R, B* f	13	50	+	71	10
955			Cen		vF, vS, gbM	13	55.7	-	30	16
956		Galaxy	Boo	16	eF, vS, *14 n	13	54.7	+	20	43
957			Cen		vF, S, gbM	13	56.1	-	30	14
958		?	Vir		eeF, pS, iR	13	55.8	+	5	2
959		Galaxy	Boo	14	Size: 1.8 eeF, S, R	13	56	+	13	30
960		Galaxy	Boo	15	Size: 0.8 F, pL, lbM, dif	13	56	+	17	31
961		Galaxy	Boo	15	vF, S, dif	13	55.8	+	25	50
962			Boo		pF, vS, R, bM	13	57.3	+	12	3
963		Galaxy	Boo	15	Size: 0.7 eF, vS, R	13	57.4	+	17	25
964		Galaxy	Boo	15	Size: 0.3 eF, eS, R	13	57.7	+	17	31
965		Galaxy	Boo	15	Size: 0.8 vF, vS, R, vSN	13	57.8	+	17	31
966		Galaxy	Vir	15	Size: 1.6 F, S, R, gbM, r	13	58.2	+	5	24
967		Galaxy	Boo	15	Size: 0.7 pF, vS, R, *14 nr	13	58.4	+	14	27
968			Vir		vF, vS, stellar	14	0.6	-	2	57
969			Vir		vF, vS, R, N = 14m	14	1.8	-	4	11
970		Galaxy	Boo	15	Size: 1.2 pB, vS, R	14	2.5	+	14	33
971			Vir		fine spiral, pL, mbM	14	3.8	-	10	8
972	PK 326+42.1	Planetary Nebula	Vir	15	Size: 0.7 F, vS, R, r	14	4.4	-	17	15
973		Star	Vir		stellar 13.5m	14	6.5	-	5	29
974		Star	Vir		neb object 1':8 sff of 5465	14	6.6	-	5	31
975			Boo		vF, vS, R	14	7.2	+	15	21
976		Galaxy	Vir	14	Size: 1.5 eF, vS, R, eF, * att s	14	8.7	-	1	9
977		Galaxy	Vir	15	Size: 0.6 vF, S, dif	14	8.7	-	3	0
978		Galaxy	Vir	15	Size: 0.8 vF, S, R, bMN	14	9	-	2	58
979			Boo		eeF, pS, R, v diffic	14	9.3	+	14	51
980			Vir		F, S, R, N = 13m, r	14	10.4	-	7	21
981		Galaxy	Vir	15	Size: 0.6 F, S, gbM	14	10.5	-	4	10
982		Galaxy	Boo		Size: 1.5 vS, R, N = 11m	14	10	+	17	42
983		Galaxy	Boo		Size: 5.5 eS, R, N = 11m	14	10.1	+	17	44
984		Galaxy	Boo	14	Size: 1.9 pB, S, gbM	14	10.1	+	18	22
985		Galaxy	Vir	15	Size: 0.5 eF, eS	14	11.5	-	3	14
986			Vir		F, S, N = 13.5, r	14	11.4	+	1	20
987		Galaxy	Boo	15	Size: 1.2 eF, vS, stellar, v diffic	14	11.5	+	19	11
988		Galaxy	Vir	15	F, vS, R	14	14.5	+	3	11
989		Galaxy	Vir	14	Size: 1.3 F, vS, R, bM	14	14.8	+	3	7
990		Galaxy	Boo	15	Size: 0.6 vF, S, dif	14	15.7	+	39	47
991		Galaxy	Vir	13	Size: 1.4 F, S	14	17.7	-	13	53
992		Galaxy	Vir	15	Size: 1.6 F, pS, R, *10.5 nf	14	18.3	+	0	53
993			Boo		vF, iF, diffic	14	18.1	+	11	16
994		Galaxy	Boo	15	Size: 1.4 pB, vS, R	14	18.3	+	11	11
995		Galaxy	UMa	14	Size: 1.4 eeF, S, IE, v diffic	14	16.6	+	57	48
996			UMa		eeF, S, mE, v diffic	14	17	+	57	39
997		Galaxy	Vir	14	Size: 1.0 pF, S, R, * n	14	19.9	-	4	27
998			Vir		eeF, S, R, v diffic	14	20.2	-	4	28
999		Galaxy	Boo	14	Size: 0.8 F, vS, R, N = 14m, stellar	14	19.6	+	17	52
1000		Galaxy	Boo	14	Size: 0.8 F, vS, R, N = 14m, stellar	14	19.7	+	17	51
1001			Vir		eF, S, dif	14	20.7	+	5	8
1002			Vir		eF, vS, lbM	14	20.7	+	5	11
1003			Vir		eF, vS, vS * att, diffi	14	20.9	+	5	27
1004			Boo		pF, sbM	14	20.9	+	17	39
1005			UMi		F, S, R, bM	14	18.3	+	71	36
1006		Galaxy	Boo	15	Size: 1.0 F	14	23	+	23	47
1007		Galaxy	Vir	15	vF, vS, R, lbM, *10.5 nr	14	24.6	+	4	32
1008			Boo		pF	14	25	+	28	20

IC Objects

ObjectNum	Name	Type	Constellation	Magnitude	Info	RAHour	RAMinute	DecSign	DecDeg	DecMinute
1009		Galaxy	Boo	15	vF, S, dif	14	26.3	+	12	21
1010		Galaxy	Vir	15	Size: 2.3 F, S, dif	14	27.3	+	1	2
1011		Galaxy	Vir	15	Size: 0.4 F, vS, R, N = 14m	14	28.1	+	1	0
1012			Boo		no description	14	27.2	+	30	59
1013			Boo		eF, vS	14	27.8	+	25	50
1014	UGC 9275	Galaxy	Boo	13	Size: 2.8 F, pL, R, vgbM	14	28.3	+	13	47
1015		Galaxy	Boo	15	Size: 0.6 vF, iF	14	28.3	+	15	25
1016			Vir		vF, vS, R, f 5619	14	28.8	+	4	50
1017		Galaxy	Boo	15	Size: 1.1 pF, vS, sbM, stellar	14	28.1	+	25	52
1018		Galaxy	Boo	14	Size: 2.3 eF, eS, v diffic	14	28.3	+	25	51
1019		Galaxy	Boo	15	Size: 0.4 F, vS, R, stellar, * 13 nr	14	28.1	+	25	56
1020		Galaxy	Boo	15	Size: 1.2 F, stellar, vF* close	14	28.8	+	26	2
1021		Galaxy	Boo	15	Size: 1.2 F, S, iR	14	29.2	+	20	40
1022		Galaxy	Vir	15	Size: 1.2 vF, E ns	14	30	+	3	46
1023			Cen		neb	14	32.4	-	35	48
1024		Galaxy	Vir	14	Size: 1.6 pB, vS, E ns	14	31.4	+	3	0
1025		Galaxy	Vir	15	eF, sbM	14	31.5	+	7	4
1026		Star	Boo		pB	14	31.2	+	31	13
1027			Boo		eeF, pS, R, *13 sp 0'.7	14	29.8	+	53	57
1028			Boo		pB, S, R, F* close nf	14	32.5	+	41	51
1029		Galaxy	Boo		Size: 3.0 vF, S, IE, mbM	14	32.5	+	49	54
1030			Boo		pF	14	33.7	+	31	42
1031			Boo		eeF, S, R	14	34.6	+	48	2
1032			Boo		eeF, S, R	14	34.7	+	47	57
1033			Boo		eeF, S, R	14	34.8	+	47	56
1034		Galaxy	Boo	16	vF, lbM	14	37.2	+	14	40
1035		Galaxy	Boo	15	Size: 0.7 pF, vS, R, S, * nr	14	38.1	+	9	20
1036		Galaxy	Boo	16	pF, S	14	38.3	+	18	7
1037		Galaxy	Boo	15	Size: 0.8 F, vS, R, stellar	14	38.4	+	18	10
1038		Galaxy	Boo	15	F, vS, stellar, *10 f 8s	14	39.4	+	11	55
1039		Galaxy	Vir	16	vF, vS, lbM	14	40.5	+	3	25
1040		Galaxy	Boo	15	eF, vS	14	40.3	+	9	28
1041			Vir		pB, vS, R, N = 12m	14	40.6	+	3	21
1042			Vir		vF, vS, R, bM, close D with 5718	14	40.6	+	3	26
1043			Vir		vF, vS, R, bM	14	40.7	+	3	21
1044		Galaxy	Boo	15	Size: 1.0 F, vS, R, gbM	14	41.5	+	9	26
1045			Boo		eeF, pS, R, nearly bet 2 st	14	40.7	+	42	45
1046		Galaxy	UMi	15	Size: 0.8 eF, S, R, D* f	14	37.8	+	69	0
1047		Galaxy	Boo	16	Size: 0.6 vF, S, v, dif	14	42.4	+	19	10
1048	UGC 9483	Galaxy	Vir	14	Size: 2.5 pB, pL, E pf, r	14	42.9	+	4	53
1049			Dra		eeF, pS, R	14	39.6	+	62	2
1050		Galaxy	Boo	15	vF, S, R, dif	14	44.1	+	18	1
1051		Galaxy	Boo	15	F, vS, stellar	14	44.2	+	19	1
1052		Galaxy	Boo	15	Size: 1.1 neb *12	14	44.2	+	20	37
1053		Galaxy	Boo	15	Size: 0.5 eF, vS, v dif, *4 p 28s	14	45.6	+	16	57
1054		Galaxy	Vir	15	Size: 1.2 vF, vS, sbMN = 14m	14	46.5	+	1	16
1055		Galaxy	Lib		Size: 2.6 F, pL, E ns	14	47.4	-	13	44
1056		Galaxy	Boo	14	Size: 2.0 eeF, L, R, 3 pB st sf	14	45.8	+	50	25
1057			Boo		eF, pS, R, bet 3 st	14	46	+	50	22
1058		Galaxy	Boo	15	Size: 1.6 F, E ns, mbMN = 14m	14	49.1	+	17	2
1059		Galaxy	Lib	16	F, S, lbm, r	14	50.7	-	0	52
1060		Galaxy	Lib	14	Size: 1.0 no descr	14	51.9	-	7	13
1061			Boo		eF, eS, diffic	14	51.2	+	18	45
1062		Galaxy	Boo	15	Size: 0.3 pF, iF, diffic	14	51.3	+	18	41
1063			Vir		pF, stellar	14	52.2	+	4	41
1064			Vir		vF, vS, R, lbM	14	52.2	+	4	40
1065	UGC 9553	Galaxy	Dra	13.4	Size: 1.3 vF, pS, R	14	49.3	+	63	16
1066		Galaxy	Vir	14	Size: 1.6 F, vS, R	14	53	+	3	18
1067		Galaxy	Vir		Size: 2.3 F, vS, R, bM	14	53.1	+	3	20
1068		Galaxy	Vir	15	Size: 0.2 F, pL, dif	14	53.5	+	3	4
1069			Boo		pF, vS, R, no st nr	14	51	+	54	23
1070		Galaxy	Vir	15	vF, S, R, diffic	14	53.9	+	3	29
1071		Galaxy	Vir	14	Size: 1.2 vF, S, R, bM	14	54.2	+	4	45
1072		Galaxy	Vir	15	Size: 0.5 vF, vS, R, vlbM, 2nd of 3	14	54.2	+	4	51
1073		Galaxy	Vir	15	vF, S, R, S* s, 3rd of 3	14	54.2	+	4	48
1074		Galaxy	Boo	15	Size: 1.0 eeF, S, R	14	52	+	51	17
1075		Galaxy	Boo	15	Size: 1.3 eeF, pS, R, v diffic	14	54.8	+	18	6
1076		Galaxy	Boo		Size: 1.2 eF, pS, R, bM, * sp	14	55	+	18	2
1077		Galaxy	Lib		Size: 2.0 vF, vS, R, gbMN	14	57.4	-	19	13
1078			Boo		pF, vS, R, lbM	14	56.5	+	9	21
1079			Boo		F, vS, R, gbM	14	56.6	+	9	22
1080		Galaxy	Lib	14	Size: 0.4 vF, vS, R, lbM	14	58.1	-	6	42
1081		Galaxy	Lib		Size: 1.6 eF, pL, E 175deg	14	58.9	-	19	14
1082		Galaxy	Vir	15	pF, S, R	14	58.9	+	7	0
1083		Galaxy	UMi	16	Size: 0.7 eeF, S, R	14	55.6	+	68	24
1084		Galaxy	Lib	14	Size: 0.4 eF, S, R, dif	15	1.3	-	7	27
1085		Galaxy	Boo	15	Size: 1.2 pB, vS, IE ns	15	2.7	+	17	14
1086			Boo		F, iR, bMN	15	3.4	+	17	5
1087			Vir		vF, vS	15	6.7	+	3	46
1088			Vir		eeF, vS	15	6.7	+	3	46
1089		Galaxy	Vir	15	eF, vS, R	15	7.4	+	7	8
1090		Galaxy	Boo		Size: 0.4 eF, neb?	15	3.7	+	42	41
1091		Galaxy	Lib		Size: 1.4 vF, S, dif	15	8.2	-	11	9
1092		Galaxy	Boo	15	vF, vS, R	15	7.5	+	9	23

IC Objects

ObjectNum	Name	Type	Constellation	Magnitude	Info	RAHour	RAMinute	DecSign	DecDeg	DecMinute
1093		Galaxy	Boo	15	Size: 1.0 pB, vS, R, lbM	15	7.7	+	14	33
1094		Galaxy	Boo	15	Size: 0.5 pB, vS, R, biN	15	7.7	+	14	38
1095			Boo		eeF, S, IE	15	8.5	+	14	1
1096		Galaxy	Boo	15	Size: 1.1 vF, S, dif	15	8.5	+	19	11
1097		Galaxy	Boo	15	Size: 1.1 vF, pS, R, lbM	15	8.5	+	19	11
1098		Star	Dra		vF (only a *13?)	15	6.4	+	55	36
1099		Galaxy	Dra		Size: 1.4 eeF, pS, R, bet 2 F st	15	6.9	+	56	31
1100		Galaxy	Dra	14	Size: 1.0 vF, pS, IE, bet 2 st	15	6.3	+	63	0
1101			Vir		eF, vS, *13 f 1s .5, *13 p 2s	15	10.9	+	5	46
1102		Galaxy	Vir	15	Size: 1.2 eeF, vS, F* sf, v diffic	15	11.1	+	4	18
1103			Ser		vF, S	15	11.6	+	19	12
1104		Star	Lib		vF	15	12.8	-	5	5
1105			Ser		eeF, S, IE, F* np	15	13.3	+	4	16
1106		Galaxy	Ser	15	vF, vS, R, gbM	15	14	+	4	43
1107		Galaxy	Ser	15	F, vS, R, gbM	15	14.2	+	4	43
1108			Lup		stellar, gaseous spectrum	15	16.8	-	45	39
1109		Galaxy	Ser	15	eeF, pS, R, * nf, v diffic	15	17.1	+	5	15
1110		Galaxy	UMi	15	Size: 1.3 eeF, S, mE	15	12.1	+	67	22
1111			Boo		pB, S, R, 2 st nr	15	14.4	+	54	32
1112		Galaxy	Ser	15	eeF, pS, R	15	17.9	+	7	13
1113		Galaxy	Ser	15	Size: 0.6 eF, *12 nr	15	18.3	+	12	29
1114			UMi		vF; only a *13?	15	11.3	+	75	27
1115		Star	Lib		only a D*, 12.5 & 13.5, dist 5"	15	22.4	-	4	28
1116		Galaxy	Ser	15	Size: 1.2 eeF, S, R	15	21.9	+	8	26
1117			Ser		F, vS, R, lbM	15	24.4	+	15	27
1118		Galaxy	Ser	15	Size: 0.8 pB, vS, R, S* nr	15	25.1	+	13	26
1119		Galaxy	Ser	15	Size: 0.5 F, pS, R, *11.5 nf	15	25.7	-	3	39
1120			Ser		eF, eS, vF, * att	15	26.2	+	18	52
1121		Galaxy	Ser	16	eeF, eS, stellar, vF* close	15	27.8	+	6	49
1122		Galaxy	Ser	15	Size: 0.2 vF, pS, mbM, *11 p 1'	15	29.5	+	7	35
1123			Boo		vF, eS, stellar	15	28.9	+	42	53
1124			Ser		pB, cS, E 250deg , N	15	30	+	23	38
1125		Galaxy	Ser	14	Size: 1.7 F, pL, R, dif	15	33.1	-	1	38
1126			Ser		*13, nebulous?; = 5952	15	35	+	5	0
1127			Ser		pF	15	35.9	+	23	29
1128			Ser		pF, pS, R	15	37.9	-	1	33
1129		Galaxy	UMi	14	Size: 1.2 vF, pS, iR, D* nf	15	32	+	68	15
1130		Galaxy	Ser	15	Size: 0.6 vF (another 2' sp?), *8.7 f	15	37.8	+	17	15
1131		Galaxy	Ser		Size: 1.0 pF, vS, R, stellar, 5970 np	15	38.9	+	12	5
1132		Galaxy	Ser	14	Size: 1.1 no descr	15	40	+	20	40
1133		Galaxy	Ser	15	Size: 1.3 pB, pL, iF	15	41.2	+	15	34
1134		Galaxy	Ser	15	Size: 0.4 vF, vS, dif	15	44.9	+	16	58
1135		Galaxy	Ser	15	Size: 0.6 vF, vS, R	15	45.6	+	17	42
1136		Galaxy	Ser	15	F, eS, stellar	15	47.6	-	1	33
1137			Ser		vF, S, R, *9 close np	15	48.9	+	8	35
1138		Galaxy	CrB	15	Size: 1.0 vF, S, iF, lbM, r	15	48.2	+	26	12
1139		Galaxy	UMi	16	eeF, S, IE, v diffic	15	29.6	+	82	36
1140			Ser		vF (S Cl?), *9.5 close	15	49.1	+	19	4
1141			Ser		vF, vS, R	15	49.6	+	12	24
1142			Ser		vF, dif	15	49.4	+	18	9
1143		Galaxy	UMi		Size: 1.8 pF, vS, R, * nr	15	30.7	+	82	28
1144		Galaxy	Her	15	Size: 0.6 eeF, vS, R, * sf	15	51.3	+	43	25
1145			UMi		eeF, pS, R, 6011 nr	15	46.2	+	72	27
1146		Galaxy	Dra	14	Size: 0.9 vF, pS, R, 2 st nr, sp of 2	15	48.5	+	69	23
1147		Galaxy	Dra	15	Size: 0.4 eeF, S, R, nf of 2	15	50.1	+	69	33
1148			Ser		neb *; = 6020	15	56.9	+	22	25
1149			Ser		eeF, pS, R, am 4 st, v diffic	15	58	+	12	5
1150			Ser		2 S st in F neby	15	58.3	+	15	52
1151		Galaxy	Ser	13	vF, pL, dif	15	58.5	+	17	27
1152		Galaxy	Her	14	Size: 1.0 vF, S, R, sp of 2	15	56.7	+	48	5
1153			Her		pF, pS, R, bM, * nf, nf of 2	15	56.8	+	48	10
1154		Galaxy	UMi	15	Size: 1.8 vF, pS, R	15	52.5	+	70	23
1155		Galaxy	Ser		Size: 1.3 vF, S, diffic	16	0.6	+	15	42
1156		Galaxy	Her	15	eeF, pS, IE, 2 st nr	16	0.6	+	19	44
1157		Galaxy	Ser	16	Size: 0.6 vF, vS	16	1	+	15	31
1158	UGC 10133	Galaxy	Ser	13	Size: 2.9 eeF, pL, iR	16	1.5	+	1	43
1159			Ser		vF, eS, R	16	1	+	15	25
1160			Ser		vF, vS, R	16	1.1	+	15	29
1161		Galaxy	Her	15	Size: 0.6 F, vS, R, vSN	16	1.3	+	15	39
1162		Galaxy	Her	15	vF, vS, R, diffic (another susp)	16	1.3	+	17	41
1163		Galaxy	Ser	15	Size: 0.2 F, R, vSN	16	1.5	+	15	30
1164			UMi		*13 with neb?	15	55.1	+	70	35
1165			Her		vF, S, diffic	16	2.1	+	15	42
1166		Galaxy	CrB	15	vF, vS, vF, * nf	16	2.1	+	26	20
1167		Galaxy	Ser		Size: 0.5 F, vS, R	16	3.9	+	14	57
1168		Galaxy	Ser	16	Size: 0.5 pF, vS, iF, D?, 3 F st n	16	4	+	14	54
1169		Galaxy	Ser	14	Size: 1.0 eF, vS, stellar	16	4.2	+	13	45
1170		Galaxy	Her		Size: 0.3 vF, vS, vSFN, 6041 f	16	4.5	+	17	43
1171		Star	Her		neb **?	16	4.9	+	17	59
1172		Galaxy	Her	15	vF, S, stellar N	16	4.9	+	17	52
1173		Galaxy	Her		Size: 1.3 pF, S, iF, gbM, r	16	5.2	+	17	25
1174		Galaxy	Ser	14	Size: 1.0 pF, S, bMN = 12m	16	5.4	+	15	2
1175		?	Her		neb object, 6055 f 2'	16	5.3	+	18	8
1176		Galaxy	Her	15	eeF, pS, iR, 2 st nr s	16	5.4	+	17	58

IC Objects

ObjectNum	Name	Type	Constellation	Magnitude	Info	RAHour	RAMinute	DecSign	DecDeg	DecMinute
1177		Galaxy	Her		vF, *9.5 4' s	16	5.3	+	18	19
1178		Galaxy	Her		Size: 1.4 eeF, pS, bet 2 st	16	5.5	+	17	36
1179		Galaxy	Her	16	Size: 0.6 eeF, pS, R; = 6054?	16	5.4	+	17	45
1180		?	Her		F* with neb?, 6055 f	16	5.4	+	18	7
1181		Galaxy	Her		Size: 1.1 eeF, S, R, ``12th of 12"	16	5.6	+	17	35
1182		Galaxy	Her	16	Size: 0.6 vF, S, dif, lbM	16	5.6	+	17	48
1183		Galaxy	Her	14.3	Size: 0.9 vF, vS, stellar, *11 sp 1'	16	5.6	+	17	46
1184		Galaxy	Her	16	Size: 0.1 *13 with neb?	16	5.7	+	17	47
1185		Galaxy	Her	13.9	Size: 0.8 *13 with S neb	16	5.7	+	17	43
1186		Galaxy	Her		Size: 0.8 F, S, dif	16	5.7	+	17	22
1187		Galaxy	UMi	16	Size: 0.3 *13 with neb	15	59.3	+	70	34
1188		Galaxy	Her		Size: 0.5 vF, S, dif	16	6.1	+	17	27
1189		Galaxy	Her		Size: 0.6 eeF, pS, iR, bet 2 st	16	6.2	+	18	11
1190		?	Her		eeF, S, R, 6061 nr	16	6.3	+	18	14
1191		Galaxy	Her		Size: 0.5 eeF, S, IE	16	6.5	+	18	16
1192		Galaxy	Her		Size: 0.7 vF, S, iF, dif	16	6.6	+	17	46
1193		Galaxy	Her		Size: 0.4 F, S, r	16	6.5	+	17	43
1194		Galaxy	Her	14.3	Size: 0.5 eF, vS, dif	16	6.7	+	17	46
1195		Galaxy	Her		Size: 0.6 vF, S, dif	16	6.7	+	17	12
1196		Galaxy	Ser	15	Size: 1.1 eeF, vS, nr p * of 3 in line	16	8	+	10	47
1197		Galaxy	Ser	15	Size: 2.8 L, mE, * att nf	16	8.3	+	7	32
1198		Galaxy	Ser	15	Size: 0.6 F, vS, R, N = 13m	16	8.6	+	12	20
1199		Galaxy	Ser	15	Size: 1.3 eeF, S, E, *9.5 f 9s	16	10.6	+	10	2
1200		Galaxy	UMi	14	Size: 1.4 pF, pS, IE, *12 nr; = IC 1204	16	4.5	+	69	42
1201		Galaxy	Dra	16	Size: 1.1 eeF, pS, iR, v diffic	16	5.8	+	69	37
1202		Galaxy	Her	14	Size: 1.7 eF, pS, R	16	13	+	9	52
1203			Sco		no descr	16	15.3	-	22	20
1204			UMi		vF, S, stell N, *11 f 3'	16	7.1	+	69	56
1205		Galaxy	Her	15	Size: 0.6 F, S, IE, * p	16	14.3	+	9	31
1206		Galaxy	Her	15	Size: 1.1 eF, S, R	16	15.3	+	11	18
1207			Sco		no descr	16	19.4	-	29	39
1208		Galaxy	CrB	15	vF, *7 105" n	16	15.7	+	36	32
1209		Nebula	Her		Size: 0.3 pF, vS, R, bM, r	16	18.7	+	15	34
1210		Galaxy	Dra	14	Size: 1.6 vF, vS, IE, r	16	14.5	+	62	33
1211		Galaxy	Dra	14	Size: 1.2 pB, vS, R, bM	16	16.8	+	53	1
1212		Galaxy	Dra	15	eeF, pS, R, 3 st n in line	16	15.5	+	64	14
1213			Ser		F, vS, R	16	22	-	1	31
1214		Galaxy	Dra	15	Size: 1.1 eF, S, R	16	16.2	+	65	58
1215		Galaxy	Dra	14	Size: 1.3 vF, S, R, 1st of 3	16	15.6	+	68	25
1216		Galaxy	Dra	15	Size: 1.1 eeF, pS, R, 2nd of 3	16	16	+	68	22
1217			Dra		eeF, S, R, v diffic	16	16.1	+	69	41
1218		Galaxy	Dra	15	Size: 0.9 vF, vS, IE	16	16.8	+	68	13
1219		Galaxy	Her	15	Size: 1.4 F, S, E pF, lbM	16	24.4	+	19	28
1220			Her		eeF, pS, E	16	29.2	+	8	27
1221		Galaxy	Her	15	Size: 1.3 eeF, pS, E, p of 2	16	34.7	+	46	24
1222		Galaxy	Her		Size: 1.9 eeF, pL, R, f of 2	16	35.1	+	46	13
1223			Her		eeF, pS, R, bet 2 dist F st	16	35.4	+	49	16
1224		Galaxy	Her	15	Size: 0.7 vF, vS, R, stellar	16	42.9	+	19	15
1225		Galaxy	Dra	15	Size: 1.5 eeF, vS, 2 or 3 F st inv, * p	16	36.9	+	67	38
1226		Galaxy	Her	15	eF, S, R, forms arc with 4 st	16	41.1	+	46	0
1227		?	Dra		vF, S, R, stellar N; = 6206	16	40.1	+	58	37
1228		Galaxy	Dra	14	Size: 1.6 vF, pS* n, 4 st in curve s	16	42	+	65	34
1229		Galaxy	Dra	15	Size: 1.0 eeF, pS, v diffic, np of 2	16	45	+	51	17
1230			Her		eeF, L, R, v diffic, sf of 2	16	45.3	+	51	13
1231		Galaxy	Dra	14	Size: 2.4 eeF, L, R, pB* sp	16	46.9	+	58	27
1232			Her		eeF, S, iR, B* sf	16	49.1	+	46	5
1233			Dra		eF, vS, vE, bet 2 st (= 6247?)	16	48.4	+	63	9
1234			Dra		vF, sev st in neb?	16	52.9	+	56	54
1235		Galaxy	Dra	15	vF, dif, pS, *8 nf 3'	16	52.1	+	63	7
1236		Galaxy	Her		Size: 1.2 eF, pS, vIE, vF* close p	16	58.5	+	20	2
1237		Galaxy	Dra		Size: 2.1 eF, pL, IE, * nr p	16	56.3	+	55	2
1238			Her		eF	17	0.6	+	23	5
1239		Galaxy	Her	14	Size: 2.1 eF, eF stell N; = 6276?	17	0.8	+	23	1
1240			Dra		susp neb, 3' nf *8.7	17	1	+	61	3
1241		Galaxy	Dra	14	Size: 1.7 eF, pS, R	17	1.4	+	63	42
1242		Galaxy	Oph	15	Size: 1.0 vS, R, vibM	17	8.7	+	4	2
1243		?	Oph		only 5 st 12-14 in line ns, 45" long	17	10.6	+	10	47
1244		Galaxy	Her	15	Size: 1.2 vF, pS, R, bet 2 st	17	10.6	+	36	17
1245		Galaxy	Her	15	Size: 1.7 eF, S, R, bM, F* close s	17	12.6	+	38	2
1246			Her		neb *13? *10 n 1'	17	14.3	+	20	14
1247		Star	Oph		stellar, *9.8 sp 0'.7; D* 12-12 is 30s	17	16.4	-	12	47
1248		Galaxy	Dra		Size: 1.5 eeF, pS, R, bet 2 st p & f	17	11.8	+	60	0
1249		Galaxy	Her	15	eeF, pS, R, v diffic, 4 st s	17	14.9	+	35	31
1250			Dra		pF, S, cE	17	14.4	+	57	25
1251		Galaxy	Dra	14	Size: 1.7 eeF, pS, R, sp of 2, 6340 nr	17	10.1	+	72	24
1252			Dra		vF, pS, *12.5 v close	17	15.8	+	57	23
1253			Her		F	17	19.8	+	18	40
1254		Galaxy	Dra	13.9	Size: 1.9 eeF, pS, R, nf of 2, v diffic	17	11.5	+	72	24
1255		Galaxy	Oph	14	Size: 1.1 vF, pS, R, forms trap with 3	17	23.1	+	12	41
1256		Galaxy	Her	14	Size: 1.7 F, S, gbM	17	23.8	+	26	28
1257	OCL 51		Oph		F, pL, lbM	17	27.1	-	7	6
1258		Galaxy	Dra		Size: 1.2 pB, pS, R, 1st of 3	17	27.3	+	58	31
1259		Galaxy	Dra		Size: 1.5 pB, pS, R, 2nd of 3	17	27.4	+	58	33
1260			Dra		eeF, S, R, 3rd of 3	17	27.4	+	58	29

IC Objects

ObjectNum	Name	Type	Constellation	Magnitude	Info	RAHour	RAMinute	DecSign	DecDeg	DecMinute
1261			Dra		eeF, pS, R	17	23.5	+	71	17
1262		Galaxy	Her	15	Size: 1.5 eF, pS, R, 1st of 3	17	33	+	43	45
1263		Galaxy	Her	15	Size: 1.7 eF, pS., R, 2nd of 3	17	33.1	+	43	49
1264		Galaxy	Her	16	Size: 1.4 eF, pS, R, 3rd of 3	17	33.3	+	43	38
1265		Galaxy	Her	14	Size: 2.1 eeF, S, IE	17	36.7	+	42	5
1266	PK 345-8.1		Ara		stellar (gaseous spectrum)	17	45.6	-	46	6
1267		Galaxy	Dra		Size: 1.7 eeF, pS, R, v diffic	17	38.7	+	59	23
1268			Her		eeF, pS, R, v diffic	17	50.7	+	17	13
1269		Galaxy	Her		Size: 1.9 eeF, pL, R, 2 F st; *10 sp 4'	17	52.1	+	21	34
1270		Star	Dra		eeF, S, R, v diffic, 6488 f	17	47.8	+	62	13
1271			Sgr		eF, vL, B* inv, part of 6523	18	5.5	-	24	27
1272		Open Cluster	Her		S Cl	18	4.9	+	25	5
1273		Open Cluster	Her		vF, S Cl with neb? *10 f 3'	18	5	+	25	7
1274	IC 1275	Nebula	Sgr		Size: 9. 3 st 8.5 to 9m in pL neb	18	9.5	-	23	44
1275	IC 1274	Nebula	Sgr		Size: 10. 2 st 8 & 8.5 in pL neb	18	10	-	23	50
1276	Pal 7	Globular Cluster	Ser		Size: 7.1 eeF, vL, v diffic, D* close p	18	10.7	-	7	12
1277		Open Cluster	Her		S Cl	18	10.2	+	31	0
1278			Her		vF, vS, sev st susp	18	10.5	+	31	9
1279			Her		eeF, pS, R, v diffic	18	11.1	+	36	2
1280		Galaxy	Her	15	Size: 0.4 *13, nebulous?	18	12.2	+	25	40
1281		?	Her		= IC 1279	18	11.6	+	36	1
1282		?	Her		vF, 2 or 3 st susp	18	14.1	+	21	6
1283		Nebula	Sgr		*9.3 nebulous	18	17.3	-	19	44
1284	Gum 78;RCW 153	Nebula	Sgr		Size: 10. *7.6 in neb, 15' diam	18	17.7	-	19	40
1285		Open Cluster	Her		S Cl	18	16.1	+	25	6
1286		Galaxy	Dra	15	Size: 1.5 eF, pS, R, 2 st nr	18	16.2	+	55	34
1287	LBN 76	Nebula	Sct		Size: 44. *5.5 in L, E neb	18	31.3	-	10	50
1288		Galaxy	Lyr	14	Size: 1.3 v F, S, IE, 3 st nr	18	29.4	+	39	43
1289			Lyr		eeF, pS, IE, 3 st nr	18	29.8	+	40	0
1290			Sgr		Cl of half dozen st 12...	18	38.5	-	24	7
1291	UGC 11283	Galaxy	Dra	14	Size: 2.4 eF, vS, R, F, 2 st 12 nf and	18	33.9	+	49	16
1292			Sgr		stellar, gaseous spectrum, *9.6 sf	18	44.8	-	27	49
1293			Dra		3 st 14, of which the f one is nebs	18	41.7	+	56	19
1294			Lyr		eeF, S, iR, v diffic, F* close nf	18	49.9	+	40	15
1295	PK 25-4.2	Planetary Nebula	Sct	15	Size: 1.4 pB, pL, gbM	18	54.6	-	8	50
1296		Galaxy	Lyr	15	Size: 1.3 eF, pS, iR, 4' np M57	18	53.3	+	33	4
1297	PK 358-21.1	Planetary Nebula	CrA		Size: 0.1 stellar (gaseous spectrum)	19	17.4	-	39	37
1298		Open Cluster	Aql		vS Cl, 6778 p 3'	19	18.5	-	1	37
1299		Open Cluster	Vul		S Cl of vF st	19	22.6	+	20	45
1300		?	Cyg		= 6798	19	24.1	+	52	39
1301		Galaxy	Cyg		Size: 1.4 eeF, vS, R, 3 st f; = IC 4867	19	26.6	+	49	45
1302		Galaxy	Cyg	13.3	Size: 1.0 vF, undefined	19	30.9	+	35	47
1303		Galaxy	Cyg	14.2	Size: 1.5 vF, S, with S Cl	19	31.5	+	35	53
1304			Cyg		F neby	19	35.5	+	41	2
1305			Vul		vF, *9.5 at sf end	19	39.3	+	20	13
1306		?	Cyg		neb group of F st	19	41.7	+	37	39
1307		?	Vul		F, vL, E ns, st inv	19	42.8	+	27	30
1308			Sgr		eF, eS, IE, gbM, 6822 p 12s	19	45.1	-	14	43
1309		Galaxy	Sgr		Size: 2.0 F, vS, R, r	20	3.1	-	17	14
1310	Berk 50		Cyg		F neby	20	10	+	34	58
1311	OCL 173	Cluster Nebulosity	Cyg	13	Size: 60. eF, within circle of st	20	10.3	+	41	13
1312			Sge		eF, pL, dif; = 6892	20	16.8	+	18	1
1313		Galaxy	Cap		Size: 2.6 F, vS, R, *13 close	20	18.7	-	16	57
1314			Vul		F, pL, partly resolved	20	17.7	+	25	11
1315			Cyg		*13 with eF neb?	20	17.4	+	30	41
1316			Aql		eF, neb, suspected; = IC 5000	20	22.4	+	6	32
1317		Galaxy	Aql	13.4	Size: 0.9 plan = *12, diam 10"-15"	20	23.3	+	0	40
1318	Sh2-108		Cyg		Size: 240. gamma Cyg, surr by L patches	20	22.2	+	40	15
1319		Galaxy	Cap	14	Size: 0.6 pF, vS, R, r	20	26	-	18	31
1320		Galaxy	Del	14	Size: 1.0 pF, S, R, gbM, r	20	26.4	+	2	55
1321		Galaxy	Cap	15	Size: 0.6 F, S, iF, r	20	28.2	-	18	18
1322			Cap		F, vS, R	20	30.1	-	15	13
1323		Double Star	Cap		vS, neb *	20	30.5	-	15	11
1324			Cap		eeF, S, R, *8 s	20	32.2	-	9	4
1325			Del		vF, S, sev F st inv; = 6928	20	32.8	+	9	53
1326			Del		eeF, S, mE, pF* s; = 6930	20	33	+	9	54
1327		Galaxy	Aql	15	vF, *8 1' f	20	35.7	+	0	1
1328		Galaxy	Cap	15	Size: 0.8 F, S, vF* close	20	42	-	19	38
1329			Del		eeF, pL, R, bet 4 st, v diffic	20	43.7	+	15	35
1330		Galaxy	Aqr	15	Size: 0.8 F, vS, dif	20	46.3	-	14	2
1331		Galaxy	Aqr	14	Size: 1.8 F, S, bM, r	20	47.9	-	9	59
1332		Galaxy	Aqr	15	Size: 0.8 F, vS, R	20	51.9	-	13	43
1333			Cap		vF, vS, sbM	20	52.3	-	16	15
1334		Galaxy	Cap	15	Size: 1.1 F, S	20	52.2	-	16	17
1335			Cap		F, S, stellar	20	53.1	-	16	20
1336		Galaxy	Cap	15	Size: 0.6 vF, S, dif, F* f	20	55.1	-	18	4
1337			Cap		F, vS, R, gbM	20	56.9	-	16	35
1338			Cap		vF, vS, dif	20	57	-	16	30
1339		Galaxy	Cap		Size: 1.9 F, S, gbM, r	20	57.9	-	17	57
1340		Nebula	Cyg		Size: 25. possibly conn with 6995	20	56.2	+	31	4
1341		Galaxy	Aqr	15	Size: 0.5 F, vS, R, lbM	21	0.4	-	13	58
1342			Aqr		vF, vS, E pf, lbM	21	0.4	-	14	30
1343			Cap		pB, vS, R, mbM	21	1.2	-	15	24

IC Objects

ObjectNum	Name	Type	Constellation	Magnitude	Info	RAHour	RAMinute	DecSign	DecDeg	DecMinute
1344		Galaxy	Aqr	15	Size: 0.6 pB, pL, iF, sbM	21	1.3	-	13	22
1345			Aqr		vF, S, R, vlbM	21	1.4	-	13	24
1346			Aqr		pB, vS, R, gbM	21	1.7	-	13	52
1347		Galaxy	Aqr		Size: 1.3 pB, R	21	1.7	-	13	19
1348			Aqr		F, vS, R, bM	21	1.7	-	13	21
1349			Aqr		vF, vS, R, lbM	21	1.8	-	13	16
1350		Galaxy	Aqr	15	Size: 0.6 F, S, iF, lbM, r	21	2	-	13	51
1351			Aqr		F, vS, R, lbM	21	1.9	-	13	12
1352			Aqr		pB	21	1.9	-	13	23
1353			Aqr		vF, vS, R	21	1.9	-	13	16
1354			Aqr		F, vS, R, bM	21	2	-	13	45
1355			Aqr		F, vS, R, bM	21	2	-	13	10
1356			Cap		F, R, sbM	21	2.9	-	15	48
1357			Aqr		vF, vS, iF, vlbM	21	5.9	-	10	43
1358			Cap		vF, vS	21	6.5	-	16	12
1359		Galaxy	Del	15	Size: 1.1 eeF, eS, stellar, eF* att	21	8.7	+	12	27
1360		Galaxy	Equ		F, dif	21	10.8	+	5	4
1361		Galaxy	Equ	15	Size: 1.1 vF, vS, dif	21	11.5	+	5	3
1362		Galaxy	Aqr	16	vF, vS, R, *14 nf	21	11.8	+	2	20
1363		?	Cyg		F, *9.4 at s end	21	10.6	+	46	51
1364		Galaxy	Equ	15	Size: 0.3 pB, pS, R, sbM	21	13.3	+	2	47
1365		Galaxy	Equ	15	Size: 0.2 eF, pS, R (another p?)	21	13.9	+	2	35
1366		Galaxy	Aqr	16	F, S, iR, bet 2 st 11 & 13	21	14.1	+	1	45
1367		Galaxy	Equ	15	vF, vS, R, F, * nr	21	14.2	+	2	59
1368			Aqr		eeF, S, mE 225deg, v diffc	21	14.3	+	2	10
1369	Cr 432	Open Cluster	Cyg	6.8	Size: 4. S neb Cl of st 13m	21	12.1	+	47	44
1370		Galaxy	Aqr	15	vF, 2 F st inv	21	15.2	+	2	12
1371		Galaxy	Aqr	15	Size: 0.8 F, S, dif, gbM, r	21	20.3	-	4	53
1372			Aqr		vF, vS, R, dif, *14 sf	21	20.3	-	5	37
1373		Galaxy	Aqr	15	Size: 0.3 F, vS, R, sbM, 2 others south	21	20.6	+	1	5
1374		Galaxy	Aqr	16	vF, vS, lbM	21	21	+	1	43
1375		Galaxy	Equ	15	F, S, 2 F st inv	21	21	+	4	0
1376			Aqr		no descr	21	24.7	-	5	45
1377		Galaxy	Equ	14	Size: 0.6 pB, S, R	21	25.4	+	4	19
1378			Cep		F, dif, F st inv	21	23	+	55	27
1379		Galaxy	Equ	16	vF, bM, stellar	21	26	+	3	6
1380		Galaxy	Peg	15	pB, S	21	27.1	+	2	43
1381		Galaxy	Aqr	15	Size: 0.5 F, vS, R, bM	21	27.6	-	1	11
1382			Peg		pF, pS, iF	21	26.9	+	18	39
1383		Galaxy	Aqr	16	F, vS, R, stellar	21	27.7	-	1	5
1384		Galaxy	Aqr	14	Size: 0.6 vF, vS, R	21	27.8	-	1	22
1385		Galaxy	Aqr	15	Size: 0.4 pB, vS, R	21	28.9	-	1	4
1386		Galaxy	Cap		Size: 2.1 F, biN, or neb D*	21	29.6	-	21	12
1387		Galaxy	Aqr	15	Size: 0.4 pB, vS, iF	21	29.6	-	1	21
1388		Galaxy	Aqr	15	Size: 0.4 eF, vS, 2 st nf	21	29.9	-	0	38
1389			Cap		F, vS, R, gbM	21	32.1	-	18	1
1390		Galaxy	Aqr	15	F, vS, R, bM	21	32.5	-	1	52
1391		Galaxy	Aqr	16	vF, S, dif	21	35.1	-	0	30
1392		Galaxy	Cyg	13	Size: 1.7 pB, vmbM*	21	35.6	+	35	24
1393			Cap		eF, vS, R, dif	21	40.2	-	22	25
1394		Galaxy	Peg	15	Size: 0.8 eF, S, R	21	40.2	+	14	38
1395		Galaxy	Peg	15	vF, vS, iF, lbM	21	41.7	+	4	7
1396	OCL 222	Cluster Nebulosity	Cep	3.5	Size: 170. neb part of Milky Way	21	39.1	+	57	30
1397			Aqr		F, vS, stellar	21	44	-	4	53
1398		Galaxy	Peg	15	Size: 0.8 vF, vS, bM	21	45.9	+	9	28
1399		Galaxy	Peg	16	vF, vS, stellar	21	46.1	+	4	24
1400			Cyg		F, dif, partly resolved	21	44.2	+	52	57
1401		Galaxy	Aqr		Size: 2.2 pB, pS, r	21	46.9	+	1	42
1402			Cyg		F, partly res, st 14m	21	44.8	+	53	16
1403			Aqr		eF, S, F, * att, v diffc	21	50.5	-	2	43
1404			Cap		F, vS, R, sbM *13	21	50.9	-	9	16
1405		Galaxy	Aqr	15	Size: 1.0 pB, vS, R, bM	21	50.8	+	2	1
1406		Galaxy	Aqr	15	F, vS, R, stellar	21	51	+	1	59
1407		Galaxy	Peg	15	F, S, r	21	52.3	+	3	26
1408		Galaxy	Cap	15	Size: 0.6 F, vS, R, bM	21	53.2	-	13	21
1409			Aqr		eF, S, iF	21	53.3	-	7	30
1410			Aqr		pF, vSN	21	56	-	2	53
1411		Galaxy	Aqr	14	Size: 0.9 F, vS, R, vlbM	21	56.1	-	1	31
1412		Galaxy	Cap		Size: 1.6 F, vS; D stell neb?	21	58.3	-	17	11
1413			Aqr		F, S, stellar	21	58.5	-	3	6
1414			Peg		vF, vS, R, 2 F st s	21	58.3	+	8	24
1415		Star	Aqr		eF, *9.5 sf 8'	21	58.7	+	1	21
1416			Aqr		eF, trace of neby	21	58.8	+	1	27
1417		Galaxy	Aqr		Size: 1.4 pB, pL, part more condensed	22	0.4	-	13	9
1418		Galaxy	Peg	14	Size: 0.8 vF, S	22	2	+	4	21
1419			Aqr		eF, slbM	22	3	-	9	55
1420	UGC 11880	Galaxy	Peg	14	Size: 1.6 eeF, pS, R, bet 2 F st	22	2.6	+	19	45
1421		Galaxy	Aqr	15	Size: 0.3 neb *14	22	3.1	-	9	57
1422		Galaxy	Peg	16	vF, eS, lbM, bet 2 st 13.5	22	3	+	2	37
1423		Galaxy	Peg	15	Size: 1.1 F, vS, R, gvlbM	22	3.2	+	4	18
1424		Galaxy	Peg	15	Size: 1.0 eF, vS, 1' f 7190	22	3.2	+	11	13
1425		Galaxy	Peg	15	F, lE pf, r, D?	22	3.4	+	2	37
1426			Aqr		F, S, iF, lbM	22	3.9	-	9	55
1427			Peg		vF, vS	22	3.3	+	15	7

IC Objects

ObjectNum	Name	Type	Constellation	Magnitude	Info	RAHour	RAMinute	DecSign	DecDeg	DecMinute
1428		Galaxy	Peg	16	vF, S, R, *14 nr	22	4.4	+	2	38
1429			Peg		neb susp close to *11	22	6.9	+	10	6
1430			Aqr		F, S, vlbM, diffic	22	8.5	-	13	34
1431			Aqr		eF, v diffic, F* np	22	7.7	-	13	30
1432			Peg		vF, vS, sbM *14, *13.5 nr	22	10.1	+	3	41
1433		Galaxy	Aqr	15	Size: 0.4 F, S, E pf, bM	22	12.2	-	12	46
1434	Cr 445	Open Cluster	Lac	9	Size: 8. fine Cl, 6 branches, st 12-15m	22	10.5	+	52	50
1435		Galaxy	Aqr	14	Size: 0.9 F, S	22	13.5	-	22	6
1436		Galaxy	Aqr	15	Size: 0.2 eF, vS, R, vSN	22	13.9	-	10	11
1437		Galaxy	Aqr	15	Size: 1.1 pB, vS, R, mbM	22	15.7	+	2	3
1438		Galaxy	Aqr		Size: 2.4 F, biN	22	16.5	-	21	26
1439		Galaxy	Aqr		Size: 1.8 vF, S, vlbM	22	16.7	-	21	29
1440		Galaxy	Aqr	15	Size: 0.6 F, S, stellar	22	16.5	-	16	0
1441		Galaxy	Lac		Size: 0.9 eF, S, S stellar N	22	15.3	+	37	18
1442	OCL 224	Open Cluster	Lac	9.1	Cl of neb stars	22	16.5	+	54	3
1443		Galaxy	Aqr		Size: 1.7 pB, S, iF, mbM	22	19.1	-	20	56
1444		Galaxy	Peg	16	Size: 1.1 F, S, iF, mbM, vF* close	22	22.3	+	5	8
1445		Galaxy	Aqr		Size: 2.1 pF, vS, gbMN	22	25.5	-	17	15
1446			Aqr		vF, stellar	22	29.1	-	1	12
1447			Aqr		eeF, pS, R, *9.0 n 3'	22	30	-	5	9
1448		Galaxy	Aqr	14	Size: 1.0 vF, vS, diffic	22	34.6	-	12	56
1449			Aqr		F, S, iF, bM, r	22	35.1	-	8	47
1450		Star	Peg		vF, eS, stellar	22	38	+	34	33
1451		Galaxy	Aqr	15	Size: 0.4 vF, S, dif, vS, excent N	22	46.2	-	10	22
1452			Peg		vF, vS, quite stellar	22	45.9	+	16	51
1453		Galaxy	Aqr	15	Size: 0.6 pB, pL, R	22	46.8	-	13	27
1454	PK 117+18.1	Planetary Nebula	Cep	15	Size: 0.6 vF, S, *7 4' f	22	42.6	+	80	27
1455		Galaxy	Psc	15	Size: 1.0 F, pS, R, 2 st 11 nr	22	53.9	+	1	23
1456			Aqr		vF, vS	22	55.3	-	12	43
1457		Star	Aqr		eF, *10 sf 1'	22	55.4	-	5	33
1458		Galaxy	Aqr	14	Size: 1.2 vF, pL, dif	22	56.8	-	7	23
1459	IC 5265	Galaxy	Gru	10	F, pS, com, N = 12m	22	57.2	-	36	28
1460		Galaxy	Psc	14.4	Size: 0.4 pB, vS, mbM	22	57.1	+	4	41
1461		Galaxy	Peg		eeF, vS, R	22	58.6	+	15	10
1462			Peg		vF, eS; only a *?	22	58.6	+	8	24
1463		Double Star	Aqr		only a F D*, dist 20", in a trapez of st	22	59.3	-	10	32
1464			Aqr		F, r, D?	23	3.2	-	9	0
1465		Open Cluster	Peg		vF; vS Cl?	23	2.9	+	16	35
1466			Psc		pB, vS, iF	23	3.7	-	2	46
1467		Galaxy	Psc	15	Size: 0.7 F, S, biN	23	4.9	-	3	13
1468		Galaxy	Psc	15	Size: 0.6 vF, vS, iF, sbM	23	5.2	-	3	11
1469			Aqr		F, S, R, F* f	23	6.5	-	13	32
1470	CED 208	Nebula	Cep		Size: 15. vF, vS, stellar N north edge	23	5.2	+	60	15
1471		Galaxy	Aqr	14	Size: 0.7 pB, S, R, bM	23	8.7	-	12	39
1472		Galaxy	Peg	15	Size: 0.9 F, vS, bM, 2 st f	23	9.2	+	17	14
1473		Galaxy	Peg	14	Size: 2.1 F, pS, gbM	23	11.1	+	29	38
1474		Galaxy	Psc	15	Size: 1.1 F, R, pS, gbM	23	12.8	+	5	47
1475			Scl		neb *	23	14	-	28	25
1476		Open Cluster	Peg		S Cl?	23	15.3	+	30	33
1477		Galaxy	Aqr	15	Size: 0.6 F, S, r	23	17.2	-	6	56
1478		Galaxy	Peg	15	Size: 1.7 vF, S, dif	23	18.2	+	10	18
1479		Galaxy	Aqr	14	Size: 0.8 pF, S, R, stellar	23	18.7	-	10	25
1480		Open Cluster	Peg		vS Cl, nebs?	23	19	+	11	19
1481		Galaxy	Psc	14	Size: 0.9 vF, vS, R	23	19.4	+	5	54
1482		Galaxy	Psc	14	Size: 0.3 pB, vS, R	23	20.8	+	1	44
1483		Galaxy	Peg	15	Size: 0.6 F, S, lbM	23	22.4	+	11	18
1484			Peg		vF, vS	23	22.7	+	11	23
1485		Galaxy	Peg	15	Size: 0.3 vF, vS, R, vSN	23	22.7	+	11	21
1486		Galaxy	Peg	13	Size: 1.6 vF, S	23	23.8	+	9	39
1487			Peg		eeF, pS, iR, F* nf, *7 p 15s and 9' s	23	24.6	+	14	38
1488			Peg		eF, vS, E ns, v diffic, 7653 s	23	24.8	+	15	20
1489		Galaxy	Aqr	14	Size: 0.4 F, vS, R, *9 south	23	26.5	-	12	31
1490			Aqr		eF, pS, R, vF* close n	23	29	-	4	8
1491		Galaxy	Aqr	15	Size: 0.5 F, S, R	23	29.4	-	16	18
1492		Galaxy	Psc	14	Size: 0.8 eF, S, R, sp of 2	23	30.7	-	3	2
1493			Peg		F, vS, sbM, another susp 7s p, 1' n	23	30.5	+	14	27
1494			Aqr		F, R, lbM	23	30.8	-	12	44
1495		Galaxy	Aqr	13	Size: 1.0 F, S, lbM	23	30.8	-	13	30
1496			Psc		eeF, pS, R, nf of 2	23	30.7	-	2	57
1497			Peg		eF, suspected	23	28.8	+	11	59
1498		Galaxy	Aqr	14	Size: 1.4 eeF, pS, R, *9.5 p 36s, 3' s	23	32	-	5	0
1499		Double Star	Aqr		pB, pL, iF	23	32	-	13	27
1500		Galaxy	Psc	15	F, vS, E ns, lbM	23	33.3	+	4	34
1501		Galaxy	Psc	14	Size: 1.0 vF, S, dif	23	34.8	-	3	8
1502		Galaxy	Cep	15	Size: 1.3 vF, S, vF* close	23	36.2	+	75	40
1503		Galaxy	Psc	14	Size: 1.0 F, S, R, gbM	23	38.5	+	4	49
1504		Galaxy	Psc	14	Size: 1.9 F, pL, E pf, gbM	23	41.3	+	4	2
1505			Aqr		eeF, pS, R, 3 st f, diffic	23	41.6	-	3	34
1506		Galaxy	Psc	15	Size: 0.6 vF, gbM	23	44.8	+	4	44
1507		Galaxy	Psc	15	Size: 1.4 pB, iF, mbM	23	45.6	+	1	42
1508		Galaxy	Peg		Size: 2.0 F, pL, E ns	23	45.9	+	12	4
1509		Galaxy	Aqr	15	Size: 1.3 F, S, E ns, gbM	23	47.2	-	15	17
1510		Galaxy	Psc	15	Size: 0.6 F, S, R, biN	23	50.7	+	2	7
1511			Peg		eF, susp close to *12.5; = 7767	23	51	+	27	5

IC Objects

ObjectNum	Name	Type	Constellation	Magnitude	Info	RAHour	RAMinute	DecSign	DecDeg	DecMinute
1512			Peg		*13, nebulous?	23	51	+	27	3
1513		Galaxy	Peg	15	Size: 1.0 F, vS, E pf, gbM	23	53.5	+	11	20
1514		Galaxy	Aqr	15	Size: 0.8 vF, S, excent N	23	54.2	-	13	35
1515		Galaxy	Psc		Size: 1.2 eeF, pS, *9.5 inv, bet 2 st	23	56.2	-	0	59
1516		Galaxy	Psc		Size: 1.6 vF, pS, R, B* sf, nf of 2	23	56.3	-	0	55
1517		Galaxy	Psc	15	eeF, vS, R, 3 st p	23	56.4	-	0	17
1518			Peg		vF, vS, R	23	57.1	+	12	28
1519			Peg		F, vS, lbM, stellar	23	57.1	+	12	28
1520		Galaxy	Cet	14	Size: 0.5 vF, pL, R	23	58	-	14	2
1521			Cet		vF, S, iF	23	59	-	7	9
1522		Galaxy	Psc	15	F, S, E ns	23	59.1	+	1	43
1523			Psc		vF, *4 3' f	23	59.1	+	6	52
1524		Galaxy	Psc		Size: 1.9 no description	23	59.3	-	4	9
1525		Galaxy	And		Size: 2.1 eF, pS	23	59.4	+	46	54
1526		Galaxy	Peg	15	F, S, bMSN	0	1.6	+	11	21
1527			Psc		F, R, r, vF* sf	0	2.4	+	4	7
1528			Psc		no description	0	5.1	-	3	7
1529			Cet		F, S, R, biN, r	0	5.2	-	11	30
1530		Galaxy	And		Size: 1.8 vF, S, iF, bM	0	7.3	+	32	37
1531		Galaxy	Scl		Size: 1.9 vF, vS, R, D* n	0	9.6	-	32	17
1532		Galaxy	Tuc		Size: 1.6 2' l, mE, bM	0	9.9	-	64	22
1533			Cet		eeF, vS, R, v diffic; *7.5 n, *9 s	0	10.6	-	7	25
1534			And		pF, vS, diffic, *10 nr nf	0	13.8	+	48	9
1535			And		vF, S, 48 nf 6'	0	14	+	48	9
1536		Galaxy	And	15	Size: 0.7 F, S, R	0	14.2	+	48	8
1537			Phe		eeF, vL, vmE; 55 np	0	16	-	39	19
1538		?	And		eF	0	18	+	30	4
1539			And		eF, bet 2 st 13; = 70	0	18.4	+	30	6
1540			And		F, S, iF	0	19.8	+	23	43
1541		Galaxy	And	15	F, S, R, lbM, r	0	20	+	22	1
1542		Galaxy	And	15	Size: 0.7 F, dif, gbM	0	20.6	+	22	37
1543		Galaxy	And	14	Size: 0.8 F, S, R, gbMN	0	20.9	+	21	53
1544			And		F, S, R, vibM	0	21.3	+	23	2
1545			And		F, vS, R, dif, vFN	0	21.3	+	21	59
1546			And		vF, S, v diffic	0	21.5	+	22	30
1547		?	And		eF.pS, sbM *	0	21.6	+	22	31
1548		Galaxy	And	16	F, vS, R, stell	0	21.9	+	22	1
1549			Psc		eF, D* f 46s	0	23.2	+	6	59
1550		Galaxy	And	15	Size: 0.6 R, stell, vFN	0	24.4	+	38	12
1551		Galaxy	Psc	15	Size: 2.7 F, vS, R, r	0	27.6	+	8	53
1552		Galaxy	Psc	15	Size: 1.1 F, pL, dif	0	29.6	+	21	29
1553		Galaxy	Scl	14	Size: 1.0 vF, vmE 10deg	0	32.7	-	25	35
1554		Galaxy	Scl		Size: 1.6 vF, vS, eE 170deg , sbM	0	33.1	-	32	16
1555		Galaxy	Scl		Size: 1.5 eeF, S, R, 2 st p in line	0	34.6	-	30	1
1556		?	Cet		eeF, pS, R, v diffic	0	35.1	-	9	34
1557		Galaxy	Cet	16	Size: 0.6 eF, vS, 2 vF st close; nr 161	0	35.5	-	2	51
1558	MCG -04-03-024	Galaxy	Scl		Size: 3.4 E 160deg , * n, perhaps spir	0	35.8	-	25	22
1559		Galaxy	And		Size: 0.9 vF, 0'5 ssf 169	0	36.9	+	23	59
1560			Cet		eF; = 164?	0	37.7	+	2	40
1561		Galaxy	Cet	14	Size: 1.3 E 105deg , * n	0	38.5	-	24	20
1562		Galaxy	Cet		Size: 2.1 S, R, psbM	0	38.6	-	24	17
1563		Galaxy	Cet		Size: 0.6 eF, stellar, 0'6 sf 191	0	39	-	9	1
1564			Psc		eF	0	39.2	+	5	58
1565		Galaxy	Psc		Size: 1.7 F, S, R, gbM	0	39.4	+	6	43
1566		Galaxy	Psc	15	Size: 0.6 F, S, R, gbM, r	0	39.4	+	6	48
1567			Psc		neb *	0	39.6	+	6	37
1568		Galaxy	Psc	15	Size: 0.8 F, S, R, gbM, r	0	39.9	+	6	50
1569		Galaxy	Psc	15	Size: 0.2 vF, vS, R, gbM	0	40.4	+	6	42
1570			Psc		vF, vS, R, vFN	0	40.6	+	6	45
1571		Galaxy	Cet	15	Size: 1.3 F, pS, R, dif	0	40.7	-	0	19
1572			Psc		eF, stell, 213 nr	0	41.2	+	16	16
1573			Cet		eF, eS, mE 60deg	0	42.2	-	23	32
1574		Galaxy	Cet		Size: 2.5 vF, vmE 0deg , gbM	0	43.1	-	22	15
1575			Cet		eF, S, R, *10 s	0	43.6	-	4	9
1576		Galaxy	Scl	15	Size: 0.6 vF, vS, cE 135deg , bet 2 st	0	44.2	-	25	6
1577			Cet		pB, S, R, gbM stell N	0	44.6	-	8	8
1578		Galaxy	Scl	14	Size: 0.6 vF, vS, vmE	0	44.5	-	25	4
1579		Galaxy	Scl	15	Size: 0.8 eF, eS, cE 15deg , gbM	0	45.6	-	26	34
1580			And		vF, v stell	0	46.3	+	29	55
1581			Scl		eF, eS, E 45deg , gbM	0	46.1	-	25	54
1582		Galaxy	Cet	15	Size: 1.2 eF, eS, E 45deg , sbM *	0	46.3	-	24	18
1583			And		F, vS, R, stell N	0	47.2	+	23	5
1584		Galaxy	And	15	Size: 1.8 eF, L, dif, r	0	47.4	+	27	49
1585			And		F, vS, R, stell N	0	47.3	+	23	3
1586		Galaxy	And		F, vS, R, gbM, r	0	47.9	+	22	22
1587		Galaxy	Cet	15	Size: 0.8 eF, eS, alm R	0	48.8	-	23	34
1588			Cet		vF, vS, cE 155deg	0	51	-	23	33
1589			Scl		eF, eS, R, like Dneb	0	51.5	-	34	28
1590		Open Cluster	Cas		Cl, vL, st sc; 281 f	0	53.1	+	56	35
1591		Galaxy	Cet		Size: 1.3 vF, vS, cE 95deg , bM; = 276	0	52.1	-	22	41
1592		Galaxy	Psc	15	Size: 1.1 eF, S, bet *12 and *13	0	53.5	+	5	46
1593			Psc		eF, semi-stellar	0	54.7	+	32	30
1594		Galaxy	Phe		Size: 1.2 eF, eS, cE 130deg , stell N	0	53.7	-	47	39
1595		Galaxy	Phe		Size: 1.2 eF, S, mE 10deg , stell N	0	53.8	-	45	11

IC Objects

ObjectNum	Name	Type	Constellation	Magnitude	Info	RAHour	RAMinute	DecSign	DecDeg	DecMinute
1596		Galaxy	Psc	15	Size: 2.5 F, S, E pf, gbM	0	54.7	+	21	31
1597		Galaxy	Tuc		Size: 1.4 eF, eS, cE 165deg, cbM	0	53.5	-	58	7
1598		Galaxy	Psc	15	Size: 1.3 neb *11; *9 p 10s, 4'.5 n	0	54.7	+	5	46
1599		Galaxy	Cet	15	Size: 0.8 vF, vS, cE 100deg	0	54.5	-	23	29
1600		Galaxy	Cet	15	Size: 0.7 vF, vS, cE 95deg	0	55	-	23	31
1601			Cet		vF, vS, IE 105deg	0	55.6	-	24	9
1602		Galaxy	Cet	14	Size: 0.7 vF, S, nr 309	0	55.9	-	9	59
1603		Galaxy	Phe		Size: 1.3 eF, eS, cE 115deg, cbM	0	57	-	45	25
1604			Cet		pF, vS, *7.5 np, F* nr sp (= 333?)	0	58	-	16	15
1605		Galaxy	Phe		Size: 1.6 vF, eS, R	0	57.6	-	48	54
1606			Cet		eF, pS, nearly bet *7 p and *9 nf	0	58.4	-	12	11
1607		Galaxy	Cet	14	Size: 1.1 vF, pS, R, lbM	0	58.9	+	0	36
1608		Galaxy	Scl		Size: 1.7 pB, pS, R; 2 st nf, 2 np	0	59.4	-	34	20
1609		Galaxy	Phe		Size: 1.4 vF, vS, R	0	59.8	-	40	20
1610		Galaxy	Cet	14	Size: 1.2 pF, pS, R, *10 np	1	1.7	-	15	34
1611			Tuc		vF, bM	0	59.7	-	72	21
1612			Tuc		eF, vS	1	0	-	72	23
1613	UGC 668	Galaxy	Cet	9.3	Size: 12.0 F, eeL	1	4.8	+	2	7
1614			Psc		vF, S, E 120deg, vlbM, *15 nr	1	5.1	+	33	13
1615		Galaxy	Phe		Size: 1.2 eF, S, cE 140deg, cbM	1	4.1	-	51	8
1616		Galaxy	Scl		Size: 1.7 eF, pS, 3 st in line nr	1	4.9	-	27	26
1617		Galaxy	Phe		Size: 1.5 eF, S, cE 130deg, cbM	1	4.3	-	51	2
1618		Galaxy	Psc	16	Size: 1.2 vF, S	1	6	+	32	25
1619		Galaxy	Psc	15	F, S, R, gbMFN, bet 2 st 13	1	7.4	+	33	4
1620		Galaxy	Psc	14	Size: 1.2 F, pS, dif	1	7.1	+	13	58
1621			Phe		eF, eS, mE 0deg, cbM	1	6.4	-	46	43
1622			Cet		vF, S, R, sp of 2	1	7.5	-	17	30
1623			Cet		B, cS, IE, nf of 2	1	7.7	-	17	28
1624			Tuc		vF, S, R	1	5.3	-	72	2
1625	ESO 243-G033	Galaxy	Phe		Size: 2.1 eF, vS, R, susp	1	7.7	-	46	54
1626			Tuc		vF, cS, R	1	6.1	-	73	17
1627		Galaxy	Phe		Size: 2.5 cF, S, eE 135deg, vmbM	1	8.2	-	46	6
1628		Galaxy	Scl		Size: 1.4 cB, pS, R, 3 st 8 nr	1	8.8	-	28	35
1629		Galaxy	Cet	16	F, vS, R, stell	1	9.4	+	2	34
1630		Galaxy	Phe		Size: 1.7 eF, eS, E 60deg, susp	1	8.3	-	46	45
1631		Galaxy	Phe		Size: 1.3 eF, S, R, susp	1	8.8	-	46	29
1632			Psc		vF, vS, dif, *15 v close	1	10.7	+	17	41
1633		Galaxy	Phe		Size: 3.0 vF, S, R, vF* f	1	9.9	-	45	56
1634			Psc		F, S, R, gbM, r	1	11.1	+	17	39
1635			Psc		F, S, R, gbM, r	1	11.1	+	17	39
1636			Psc		F, vS, gbMN	1	11.6	+	33	21
1637		Galaxy	Scl		Size: 1.8 eF, S, R, susp	1	11	-	30	26
1638		Galaxy	Psc	15	Size: 0.4 F, vS, R, gbMN, r	1	12.3	+	33	21
1639		Galaxy	Cet	14	Size: 0.8 vS, R, stell	1	11.8	-	0	39
1640		Galaxy	Cet	15	vS, R, bMN	1	11.9	-	0	37
1641			Tuc		eF, eS, R; = 422	1	9.3	-	71	46
1642			Psc		F, S, R, lbMN	1	12.4	+	15	45
1643		Galaxy	Cet	15	F, S, R, gbM	1	12.2	-	0	24
1644			Tuc		PN, stell	1	9.2	-	73	12
1645			Psc		F, S, R, dif	1	12.5	+	15	44
1646		Galaxy	Psc	15	Size: 0.5 vF, pS, dif	1	12.7	+	15	41
1647		Galaxy	And	15	vF, S, R, diffic	1	13.2	+	38	53
1648			Psc		F, vS, R, N, r	1	13.7	+	33	13
1649		Galaxy	Phe		Size: 1.6 eF, cS, E 140deg, cbM	1	11.8	-	55	51
1650		Galaxy	Phe		Size: 1.5 cF, S, mE 55deg, cbM	1	12.3	-	50	24
1651			Cet		*13 with neb, chiefly nnf	1	13.5	+	2	6
1652		Galaxy	Psc	14	Size: 1.4 F, S, E ns, *12 v close	1	15	+	31	58
1653		Galaxy	Psc	13.5	Size: 1.1 F, vS, R, gbMN, r	1	15.1	+	33	23
1654		Galaxy	Psc	14	Size: 1.6 F, S, IE, gbIM, r	1	15.2	+	30	12
1655		Open Cluster	Tuc		Cl, C, eF, vS	1	11.9	-	71	20
1656			Psc		neb, S* close sf, *9 sf 3'; = 447	1	15.6	+	33	5
1657		Galaxy	Scl		Size: 2.1 eF, S, vmE	1	14.1	-	32	39
1658			Psc		vF, pS, E, N, r; = 444	1	15.8	+	31	5
1659		Galaxy	Psc	15	Size: 1.6 F, S, R, N, r	1	16.1	+	30	21
1660			Tuc		eF, vS, R, stell N or F* in M	1	12.6	-	71	45
1661			Psc		eF, S, R; = 451	1	16.2	+	33	5
1662		Open Cluster	Tuc		vF, eS; vS Cl?	1	12.6	-	73	27
1663			Scl		eF, mE 350deg; = IC 1657	1	14.1	-	32	39
1664		?	Tuc		2 F st inv in eeF neb	1	14.3	-	69	48
1665			And		F, vS, R, like 2 or 3 F st in neb	1	17.7	+	34	42
1666			Psc		F, pS, dif, *13 att	1	18.5	+	32	28
1667			Cet		eF, pS, R	1	17.6	-	17	7
1668		Galaxy	Psc	16	eF, vS, R, vFN	1	18.8	+	33	11
1669		Galaxy	Psc	16	vF, S, dif	1	20.1	+	33	12
1670			Cet		vF, pS, IE, 2 st nr nf	1	19.2	-	16	51
1671			Cet		eF, vS, R, *7 nf 47s	1	19.6	-	17	6
1672		Galaxy	Psc	14	Size: 1.8 pB, S, R, gbMN, r	1	20.7	+	29	42
1673			Psc		F, R, stell N	1	20.8	+	33	1
1674			Phe		eF, eS, bM, 2 spir wisps	1	19	-	50	39
1675		Galaxy	And	14	Size: 0.8 F, S	1	21	+	34	16
1676		Galaxy	Psc	16	F, vS, stell N	1	21	+	30	16
1677		Galaxy	Psc	15	Size: 0.9 F, pS, R, bMN	1	21.2	+	33	14
1678		Galaxy	Psc	15	F, vS, R, stell	1	21	+	5	34
1679		Galaxy	Psc	15	Size: 0.5 F, S, iF, vlbM, dif	1	21.8	+	33	28

IC Objects

ObjectNum	Name	Type	Constellation	Magnitude	Info	RAHour	RAMinute	DecSign	DecDeg	DecMinute
1680		Galaxy	Psc	15	Size: 0.6 F, vS, bMN	1	21.9	+	33	18
1681		Galaxy	Cet	15	F, S, R, gbM, r	1	21.4	+	0	5
1682			Psc		F, vS, R, stell	1	22.2	+	33	13
1683		Galaxy	And	14	Size: 1.7 F, S, E ns, gbM, r	1	22.6	+	34	27
1684			Psc		F, S, R, dif	1	22.9	+	33	23
1685		Galaxy	Psc	13	Size: 1.9 F, S, R, vlbM, dif	1	23	+	33	11
1686			Psc		pB, pS, IE pf, gbMN; = 499	1	23.2	+	33	26
1687		Galaxy	Psc	16	Size: 0.4 F, vS, R, bMN	1	23.4	+	33	17
1688			Psc		F, vS, R, bMN	1	23.4	+	33	4
1689		Galaxy	Psc	15	Size: 0.7 F, vS, R, gbMN, *14 close	1	23.8	+	33	4
1690		Galaxy	Psc	15	F, vS, R, stell	1	23.8	+	33	10
1691			Psc		pF, vS, R, dif	1	24.5	+	33	23
1692		Galaxy	Psc	16	F, vS, R, gbM, r	1	24.6	+	33	15
1693		Galaxy	Cet		eF, vS, possibly F*	1	24	-	1	39
1694		Galaxy	Cet	15	vF, S, mbM	1	24.8	+	1	36
1695			Psc		eF, pS, R, *10 att p	1	25	+	8	44
1696		Galaxy	Cet		Size: 1.4 eF, eS, 530 np	1	24.9	-	1	37
1697		Galaxy	Cet	15	F, vS, R, gbM	1	25.1	+	0	27
1698			Psc		pB, S, iF, bMN	1	25.4	+	14	51
1699			Psc		vF, vS, R, gbM	1	25.4	+	14	57
1700			Psc		pB, S, R, gbMN	1	25.5	+	14	52
1701		Galaxy	Psc	15	Size: 1.6 F, S, dif, N 13m	1	25.8	+	18	11
1702		Galaxy	Psc	14	Size: 1.5 eeF, pS, IE, v diffic, bet 2	1	25.9	+	16	36
1703		Galaxy	Cet		Size: 2.3 eF, S, dif	1	26.4	-	1	38
1704			Psc		pB, pS, dif, iF, gvlbM	1	26.9	+	14	43
1705			Cet		neb *12, FD* nf 2'	1	26.7	-	3	30
1706		Galaxy	Psc		Size: 1.4 F, S, dif, vlbM	1	27.2	+	14	47
1707			Psc		eF, dif, *13.3 close	1	28.8	+	33	36
1708			Hyi		vF, vS, R, *9 sf 4'	1	24.9	-	71	11
1709		Galaxy	Scl		Size: 2.7 eF, pS, R, v diffic; = 568	1	27.9	-	35	43
1710			Psc		F, pL, dif, *13.5 att; = 575	1	30.8	+	21	26
1711		Galaxy	Psc	15	Size: 2.7 F, pL, E 260deg, gbM	1	30.9	+	17	11
1712			Cet		no descr; = 584	1	31.4	-	6	52
1713		Galaxy	Tri	13	Size: 2.2 *13, nebs ?	1	32.7	+	35	20
1714			Cet		eeF, S, IE, v dif, *8 n	1	32.9	-	13	30
1715		Galaxy	Psc	14	Size: 0.8 F, S, R, N, r	1	33.6	+	12	34
1716		Star	Cet		eF, r, neb?	1	33.5	-	12	19
1717			Hyi		eF, eS, mE 25deg, stell N	1	32.5	-	67	32
1718			Tri		F, pS, pR, *13.5 att	1	38.4	+	33	21
1719		Galaxy	Scl		Size: 2.1 vF, S, R, cF, * nr nf	1	37.6	-	33	55
1720		Galaxy	Scl		Size: 1.3 eF, eS, R, B, * p	1	40.4	-	28	55
1721		Galaxy	Psc	14	Size: 1.2 pB, pS, E pf, gbM, r	1	41.4	+	8	30
1722		Galaxy	Scl		Size: 1.8 F, S, cE 45deg	1	43	-	34	11
1723		Galaxy	Psc		Size: 3.5 F, pL, E 200deg, glbM	1	43.2	+	8	53
1724		Galaxy	Scl		Size: 1.6 F, S, cE 175deg	1	43.2	-	34	15
1725			Psc		F, S, pR, dif	1	45.2	+	21	47
1726		Galaxy	Psc	15	F, vS, gbM, *13.5 close	1	45.3	+	4	37
1727	UGC 1249	Galaxy	Tri	11.6	Size: 6.2 F, L, st inv, 672 nf	1	47.5	+	27	20
1728		Galaxy	For		Size: 1.4 F, S, E 160deg, mbM	1	47.7	-	33	36
1729		Galaxy	For		Size: 1.9 pB, eS, alm stell, rr?	1	47.9	-	26	53
1730		Galaxy	Ari	15	Size: 0.6 F, S, R, gbM	1	50	+	21	58
1731		Galaxy	Tri		Size: 1.7 F, S, E npsf, bM, prob spir	1	50.2	+	27	12
1732		Galaxy	And	15	Size: 1.7 vF, pS, mbM; eF st inv?	1	50.8	+	35	55
1733			Tri		F, vS, pR, r	1	50.7	+	33	6
1734		Galaxy	For		Size: 1.5 vF, pS, IE 100deg, bM	1	49.3	-	32	45
1735			Tri		vF, vS, R	1	50.9	+	33	6
1736		Galaxy	Ari	15	Size: 1.4 F, pS, E 210deg, glbM	1	50.9	+	18	18
1737			And		eF, 3 or 4 vF st in neb	1	51.7	+	36	15
1738		Galaxy	Cet		Size: 1.2 eF, vS, 701 p	1	51.1	-	9	47
1739			For		cF, cS, R, mbM	1	50.4	-	34	3
1740			For		pB, eS, IE, like D*	1	51.3	-	29	57
1741		Galaxy	Cet	14	Size: 0.7 eF, eS; = 690?	1	51.9	-	16	47
1742		Galaxy	Ari	15	Size: 0.7 F, S, IE pf, glbM	1	53.2	+	22	43
1743		Galaxy	Ari		Size: 2.1 vF, pS, lbM, dif; = 716?	1	52.9	+	12	43
1744		Galaxy	Ari	15	Size: 1.4 F, S, R, glbM	1	53.6	+	19	50
1745			Cet		eF, eS	1	53	-	16	40
1746		Galaxy	Psc		Size: 1.9 F, S, pR, gbM	1	54.3	+	4	48
1747	PK 130+1.1	Planetary Nebula	Cas	14	Size: 0.2 PN, stell	1	57.6	+	63	20
1748		Galaxy	Ari	15	Size: 1.2 vF	1	56.1	+	17	39
1749		Galaxy	Psc	15	Size: 1.2 F, S, E ns, biN, r	1	56.2	+	6	45
1750		Galaxy	Psc	15	Size: 1.1 vF, vS, pR, N	1	56.4	+	4	5
1751			Psc		pB, pS, R, *9 np; = 741	1	56.4	+	5	38
1752			Tri		F, vS, *14.5 att	1	57.3	+	28	37
1753			Tri		F, vS, dif, 14.5 close	1	57.3	+	28	36
1754		Galaxy	Psc	15	Size: 1.1 F, S, gbM	1	56.9	+	4	2
1755		Galaxy	Ari	15	Size: 1.6 F, S, dif	1	57.2	+	14	34
1756			Cet		vF, E npsf, *13 close sf	1	57	-	0	28
1757			Cet		eF, vS, R	1	57.1	-	0	29
1758			Cet		F, eS, sbM *11	1	56.9	-	16	32
1759		Galaxy	For		Size: 1.8 pB, vS, R, bM, *10 close sp	1	57.9	-	32	59
1760			For		eF, pS, R, (decl 1deg farther s?)	1	57.5	-	32	0
1761		Galaxy	Cet	15	vF, vS, R, gbMN	1	58.9	+	0	34
1762		Galaxy	For		Size: 1.7 eeF, pS, R, *7 nf	1	57.8	-	33	14
1763			For		eeF, S, R, *8 ssf	1	58.8	-	27	47

IC Objects

ObjectNum	Name	Type	Constellation	Magnitude	Info	RAHour	RAMinute	DecSign	DecDeg	DecMinute
1764		Galaxy	Ari	14	Size: 1.7 F, vS, R, lbM	2	0.4	+	24	34
1765			Tri		S* att p; = 783	2	0.6	+	31	51
1766			Tri		no descr; = 785	2	1.2	+	31	47
1767			Cet		eF, pS, bet 2 st 10.5, 2 st n	2	0	-	11	7
1768		Galaxy	For		Size: 1.9 eeF, pS, R, 3 st 9 sf, v diff	2	0.8	-	25	2
1769			For		eF, eS, mE 80deg	2	0.9	-	31	55
1770			Psc		F, vS, R, stell	2	2.2	+	9	59
1771			Psc		F, vS, R, stell	2	2.3	+	9	58
1772		Galaxy	Psc	15	Size: 0.6 F, S, slbM, *8.5 166" n	2	2.6	+	7	44
1773		Galaxy	Tri	15	Size: 1.4 vF, vS, gbM, r	2	4	+	30	49
1774		Galaxy	Ari	15	Size: 2.1 vF, dif	2	3.9	+	15	18
1775		Galaxy	Ari	15	Size: 0.6 F, S, dif, *13.5 nr	2	5.3	+	13	31
1776		Galaxy	Psc	14	Size: 2.3 F, pL, iR, dif	2	5.2	+	6	6
1777		Galaxy	Ari	16	F, eS, R, stell	2	6.1	+	15	12
1778			Psc		F, S, R, gbMN	2	6.3	+	9	13
1779		Galaxy	Cet	15	F, S, R, *14 nr	2	6.5	+	3	41
1780		Galaxy	Ari	15	Size: 0.6 F, S, dif, sev st 9-10 nr	2	7	+	14	44
1781		Galaxy	Cet	15	F, vS, R, N	2	6.9	-	0	31
1782		Galaxy	For		Size: 2.2 vF, D* in neb; = 823	2	7.3	-	25	27
1783		Galaxy	For	13	pF, vS, mE ns, F* p	2	10.1	-	32	56
1784		Galaxy	Tri	13.2	Size: 1.6 F, L, E pf, gbM	2	16.2	+	32	39
1785			Tri		F, S, R, stell	2	16.4	+	32	39
1786		Galaxy	Cet	15	vF, vS, R, N	2	16	+	5	9
1787			Cet		eF, vmE, bet 2 st pf, *8 nf	2	16.2	-	11	57
1788		Galaxy	For	12.4	Size: 2.5 pF, pS, R, 2 st nf	2	15.8	-	31	12
1789			Tri		F, S, iF, ?	2	18.2	+	32	24
1790			Ari		F, S, dif	2	17.6	+	12	30
1791		Galaxy	Ari	15	Size: 1.2 S, R, like neb *11	2	17.7	+	12	29
1792		Galaxy	Tri	15	Size: 1.7 F, S, pR, gbM, r	2	19	+	34	29
1793		Galaxy	Tri	15	Size: 1.8 F, S, E 200deg, glbM	2	21.6	+	32	34
1794		Nebula	Ari		F, vS, dif, r	2	21.5	+	15	46
1795	LBN 645	Nebula	Cas		Size: 20. patch of neby	2	26.5	+	62	4
1796		Galaxy	Phe		Size: 1.5 vF, vS, R	2	22.8	-	41	22
1797		Galaxy	Ari	15	Size: 1.2 F, vS, iF, dif	2	25.5	+	20	24
1798			Ari		vF, vS, sbM *15	2	26.3	+	13	27
1799		Galaxy	And	15	Size: 1.3 vF, S, lbM, *13 p 0'.5	2	28.7	+	45	58
1800		Open Cluster	Tri		eF, S; eS Cl?	2	28.6	+	31	24
1801			Ari		F, S, glbM, dif	2	28.2	+	19	35
1802			Ari		*11 np '1	2	28.7	+	23	7
1803			Ari		stell N	2	29.3	+	23	9
1804			Ari		no descr	2	29.4	+	23	10
1805	OCL 352	Cluster Nebulosity	Cas	6.5	Size: 60. Cl, co, eL neby extends f	2	32.7	+	61	27
1806			Ari		F, vS, R, bMN	2	29.6	+	22	57
1807		Galaxy	Ari	16	F, vS, R, lbM	2	30.4	+	22	57
1808		Galaxy	Cet	14	Size: 0.6 F, vS, R, gbM, r	2	30.5	-	4	14
1809		Galaxy	Ari	15	Size: 1.2 pB, pL, E 135deg, gbM	2	31.6	+	22	55
1810		Galaxy	Eri		Size: 1.4 vF, R, stell N	2	29.4	-	43	4
1811		Galaxy	For		Size: 1.9 eeF, S, R, 2 st p, np of 2 (s	2	30.6	-	34	16
1812		Galaxy	Eri		Size: 2.1 vF, bM	2	29.5	-	42	49
1813		Galaxy	For		Size: 1.6 eF, eS, R, F* n, 2 st np, sf	2	30.8	-	34	13
1814		Galaxy	For		Size: 2.1 pB, pS, mE; = 964	2	31.1	-	36	2
1815		Galaxy	Tri	14	Size: 2.0 F, S, R, gbMN	2	34.3	+	32	26
1816		Galaxy	For		Size: 1.9 vF, S, R, 2 st nr p	2	31.9	-	36	40
1817			Ari		F, pL, E pf, dif	2	33.8	+	11	12
1818			Cet		vF, eS, R, prob neb*	2	34.1	-	11	2
1819		Galaxy	Cet	15	F, vS, R	2	35.7	+	4	3
1820		Galaxy	Cet	15	F, vS, R, bMN	2	35.8	+	6	3
1821		Galaxy	Ari	15	pF, S, gbM, dif	2	36.4	+	13	46
1822			Cet		*13.5 slightly nebs	2	35.7	-	8	34
1823		Galaxy	Tri	15	Size: 2.3 F, S, iF, dif	2	38.6	+	32	4
1824		Open Cluster	Cas		Cl, st F, perhaps F neby p extends to it	2	41.3	+	61	37
1825		Galaxy	Cet	15	Size: 1.4 F, S, R, gbMN	2	38.9	+	9	6
1826		Galaxy	For		Size: 1.7 pB, cS, R, *8 nr p; = IC 1830	2	39.1	-	27	27
1827		Galaxy	Cet	14	Size: 1.2 F, S, fan-shape, *13.5 close	2	39.7	+	1	33
1828		Galaxy	Ari	13	Size: 1.6 F, S, iF, gbMN	2	40.4	+	19	18
1829			Ari		vF, vS, dif, r	2	40.7	+	19	19
1830		Galaxy	For	12.8	Size: 1.8 vF, S, susp, eF* 1'.5 sp	2	39.1	-	27	27
1831			Cas		vF, eeL	2	44.1	+	63	36
1832		Galaxy	Ari	15	Size: 0.4 F, iF or IE ns, bMN	2	41.9	+	19	2
1833		Galaxy	For		Size: 1.6 eeF, S, R, 3 D st nf	2	41.6	-	28	10
1834			Cet		F, pS, pR, glbM	2	42.8	+	3	7
1835			Ari		F, S, R, dif	2	43.8	+	14	53
1836		Galaxy	Cet	15	F, S, R, vibM	2	43.3	+	3	6
1837			Cet		F, vS, R, gbM, r; = 1072	2	43.5	+	0	7
1838		Galaxy	Ari	16	Size: 0.6 F, vS, R, sbM *14	2	44.7	+	19	27
1839		Galaxy	Ari	15	Size: 1.1 vF, S, R, dif	2	44.8	+	15	15
1840		Galaxy	Cet	15	Size: 0.6 vF, vS, mbM, 1081 nf	2	43.8	-	15	42
1841		Galaxy	Ari	15	F, vS, R, gvlbM	2	45.6	+	18	56
1842		Galaxy	Ari	16	F, vS, R, glbM	2	45.4	+	11	28
1843		Galaxy	Cet	14	Size: 1.7 F, pL, E pf, dif	2	45.4	+	2	53
1844		Galaxy	Cet	15	Size: 0.7 F, pF, E pf, dif	2	45.8	+	3	15
1845			For		eeF, S, R, D * np	2	44.9	-	27	57
1846		Galaxy	Ari	15	Size: 1.1 F, S, glbM	2	47.7	+	13	15
1847		Galaxy	Ari	16	F, S, iF, r	2	47.9	+	14	30

IC Objects

ObjectNum	Name	Type	Constellation	Magnitude	Info	RAHour	RAMinute	DecSign	DecDeg	DecMinute
1848	OCL 364	Cluster Nebulosity	Cas	6.5	Size: 60. Cl, st F, extends 8mag f, in	2	51.2	+	60	26
1849			Cet		F, vS, R, stell	2	48.2	+	9	22
1850			Ari		F, S, dif	2	48.7	+	13	14
1851		?	Cas		*6.2, neb att sp, 5' l	2	51.8	+	58	19
1852		Galaxy	Ari	15	Size: 1.3 F, pS, R, gbM	2	49	+	13	13
1853		Galaxy	Eri	14	Size: 0.8 eF, vS, 1103 f 2s , 2' n	2	48	-	13	59
1854		Galaxy	Ari		F, vS, R, bMN	2	49.3	+	19	18
1855			Ari		F, pL, D ns, biN	2	49.3	+	13	22
1856		Galaxy	Cet		Size: 1.3 F, S, E 200deg , gbMN	2	48.9	-	0	46
1857		Galaxy	Ari	15	Size: 1.0 F, S, R, glbM	2	49.7	+	14	37
1858		Galaxy	For		Size: 1.7 vF, pS, R, 1st of 3	2	49.1	-	31	17
1859		Galaxy	For	14	Size: 1.2 pF, pS, R, 2nd of 3	2	48.8	-	31	11
1860		Galaxy	For		Size: 1.9 pF, pS, IE, 3rd of 3	2	49.6	-	31	11
1861			Ari		F, pS, R, vgbM	2	53.3	+	25	29
1862		Galaxy	For		Size: 3.2 eeF, vS, IE, v diffic , *7 sf	2	52	-	33	20
1863		Galaxy	Cet	16	F, vS, R, gbMN	2	54.9	+	8	47
1864			For		eF, S, R	2	53.2	-	34	12
1865		Galaxy	Cet	15	Size: 1.6 F, vS, R, gbM, r	2	55.4	+	8	49
1866		Galaxy	Eri	14	Size: 0.4 vF, eS, alm stell	2	54.9	-	15	38
1867		Galaxy	Cet	15	Size: 2.2 F, S, pR, gbM	2	55.9	+	9	18
1868			Cet		F, vS, R, stell	2	56.1	+	9	21
1869		Galaxy	Cet	16	F, eS, like neb D*	2	58.1	+	5	50
1870		Galaxy	Eri		Size: 2.9 vF, R, vgbM, v diffic	2	57.9	-	2	21
1871		?	Cas		Size: 4. *9.3 nebs, chiefly f	3	6.4	+	60	41
1872		Open Cluster	Per		Cl	3	4.6	+	42	49
1873			Cet		F, S, E 200deg	3	3.8	+	9	31
1874		Galaxy	Per	14	Size: 0.9 F, vS, vlbM, dif	3	6.4	+	36	0
1875		Galaxy	For		Size: 1.8 eF, pS, R, FD* sf in line	3	3.9	-	39	26
1876		Galaxy	For	14.4	Size: 0.7 eeF, S, R, F* nr sf	3	4.5	-	27	26
1877		Galaxy	Hor		Size: 3.0 eF, vS, E 170deg , prob neb	3	3.2	-	50	31
1878			Hor		eeF, eS, cE 5deg , prob neb	3	3.7	-	52	6
1879			Hor		eeF, eS, mE 135deg , stell N	3	3.9	-	52	6
1880		Galaxy	Eri	15	Size: 1.0 eF, S, *9 f 8s	3	6.5	-	9	43
1881		Galaxy	Per	16	Size: 3.0 vF, pS, v dif (= 1213?)	3	9.2	+	38	38
1882		Galaxy	Cet	15	Size: 1.0 F, pL, E 210deg	3	7.8	+	3	9
1883		Galaxy	Per	16	Size: 1.1 S, R, vgbM	3	9.7	+	40	54
1884			Per		S, E npsf, diffic , *12 close f	3	9.7	+	40	59
1885		Galaxy	For		Size: 1.5 vF, vS, mE 140deg , gbM	3	6.7	-	32	52
1886		Galaxy	Eri	15	Size: 0.3 vF, S, vmbM, *13 s 1'.2	3	8	-	4	24
1887			Per		*12 close sf	3	10.2	+	40	45
1888			Per		vF, S	3	11	+	41	8
1889			Per		F, R, vgbM	3	11	+	40	37
1890		Galaxy	Ari	15	Size: 0.2 pB, pL, iF, N, r	3	10	+	19	13
1891			Ari		vF, S, bM, dif	3	10.2	+	19	36
1892		Galaxy	Eri		Size: 1.9 vF, L, nr 1230	3	8.4	-	23	3
1893			Ari		ef, vS, diffic	3	10.3	+	19	37
1894		Galaxy	Ari	16	F, S, vlbM, dif	3	10.5	+	19	36
1895		Galaxy	For		Size: 1.8 eeF, pS, 2 st close p	3	9.6	-	25	15
1896			Hor		eeF, eS, cE 10deg , stell N	3	8	-	54	14
1897		Galaxy	Eri	14	Size: 0.5 eF, vS, nr 1238	3	10.8	-	10	49
1898	UA 56	Galaxy	Eri		Size: 3.2 neb line at 60deg , susp	3	10.3	-	22	24
1899			For		eeF, S, R, 2 F st sp in line	3	11.8	-	25	19
1900		Galaxy	Per	15	Size: 0.6 F, S, pR, gbMN	3	16	+	37	8
1901			Per		F, vS, R, gbMN	3	16.1	+	37	7
1902		Galaxy	Per	16	F, vS, R, sbM *14	3	16.2	+	37	11
1903			Hor		2 F neb, E	3	13.1	-	50	36
1904		Galaxy	For		Size: 1.8 eF, vS, mE 80deg , stell N	3	15	-	30	43
1905		Triple Star	Per		Cl, S, vF; neb?	3	18.8	+	41	22
1906		Galaxy	For		Size: 1.5 vF, vS, vmE 60deg , gbM	3	16.1	-	34	22
1907		Galaxy	Per		vF, S, vmbM	3	19.9	+	41	33
1908		Galaxy	Hor		Size: 1.6 vF, vS, spir branch	3	15.1	-	54	49
1909		Galaxy	For		Size: 1.3 vF, vS, cE 45deg , stell N	3	17.3	-	33	41
1910			Eri		2 eF, eS, neb susp	3	18	-	21	26
1911			Per		neb, not well seen	3	20.8	+	35	18
1912			Hor		S, E ns	3	16.8	-	50	39
1913		Galaxy	For		Size: 1.7 vF, vS, mE 155deg , cbM	3	19.6	-	32	28
1914		Galaxy	Hor		Size: 3.8 spiral?	3	19.4	-	49	36
1915			Hor		E ns	3	19.7	-	50	42
1916			Hor		F, S, R, 2 st sp	3	20.3	-	49	3
1917			Hor		E ns	3	22.2	-	53	12
1918		Galaxy	Tau	15	F, S, glbM, dif	3	26.2	+	4	32
1919		Galaxy	For		Size: 2.0 eF, pS, IE, sev st n	3	26	-	32	54
1920			Hor		stellar	3	24.2	-	52	43
1921			Hor		stellar	3	24.7	-	50	42
1922			Hor		stellar	3	24.7	-	50	44
1923			Hor		stellar	3	24.8	-	50	34
1924			Hor		E, stellar	3	25	-	51	41
1925			Hor		E npsf, stell	3	25.3	-	51	15
1926			Hor		E, stell	3	25.2	-	51	41
1927			Hor		vF	3	25.2	-	51	43
1928		Galaxy	Eri		Size: 1.5 vF, vS, mE 20deg , cbM	3	27.5	-	21	34
1929			Hor		E npsf	3	25.5	-	51	15
1930			Tau		F, S, R, gbM, *8 p 3s , s 1'.6	3	28.8	+	4	24
1931		Galaxy	Tau	14	Size: 0.8 vF, dif	3	28.8	+	1	43

IC Objects

ObjectNum	Name	Type	Constellation	Magnitude	Info	RAHour	RAMinute	DecSign	DecDeg	DecMinute
1932			Hor		E ns	3	25.9	-	51	20
1933	ESO 155-25	Galaxy	Hor	13	Size: 2.5 IE spnf	3	25.7	-	52	47
1934		Galaxy	Per	16	Size: 1.3 eF, pS, lbM, *12 dist 34"	3	31.4	+	42	48
1935		Galaxy	Hor		Size: 1.3 stell, E, spir?	3	26.2	-	50	1
1936			Hor		stell, E npsf	3	26.4	-	51	19
1937			Hor		vF, vS, R, bM	3	26.8	-	48	42
1938			Hor		perhaps D*	3	27.2	-	53	1
1939			Hor		E pf	3	27.8	-	51	4
1940			Hor		bM	3	27.7	-	52	8
1941			Tau		vF, S, vmE 0deg (prob neb)	3	32.2	+	24	26
1942			Hor		stell, E ns	3	28	-	52	40
1943		Galaxy	Hor		Size: 2.1 pB, S, R; = 1411	3	38.7	-	44	6
1944			Hor		eF, eS, IE 20deg	3	29.7	-	48	0
1945			Hor		stell	3	29.3	-	52	38
1946			Hor		stell	3	29.4	-	52	37
1947			Hor		stell	3	30.6	-	50	19
1948			Hor		eeF, S, R	3	30.9	-	47	58
1949			Hor		cF, vS, spir, cbM	3	31	-	47	59
1950		Galaxy	Hor		Size: 1.3 E npsf	3	31.1	-	50	26
1951			Hor		E spnf	3	31.1	-	53	8
1952		Galaxy	Eri		Size: 2.4 cF, S, vmE 140deg , * 1' sf	3	33.4	-	23	43
1953	ESO 548-38	Galaxy	Eri	12	Size: 2.8 vF, cL, spir or annular	3	33.7	-	21	29
1954	ESO 200-36	Galaxy	Hor	12	Size: 3.6 F, pL, R, spir	3	31.6	-	51	55
1955			Ret		eF, vS, R	3	31.4	-	57	13
1956		Galaxy	Tau	16	Size: 1.4 F, S, E 200deg , 2 vF Nuclei	3	35.6	+	5	5
1957			Hor		E spnf	3	32.2	-	52	27
1958			Hor		stell	3	32.8	-	51	27
1959		Galaxy	Hor		Size: 2.5 E npsf	3	33.2	-	50	25
1960		Galaxy	Ret		Size: 1.2 eF, eS, R	3	32.6	-	57	12
1961			Hor		eF, vS, cE 20deg	3	33.6	-	48	57
1962		Galaxy	Eri		Size: 2.3 eF, S, mE 175deg , gbM	3	35.6	-	21	17
1963		Galaxy	For		Size: 3.0 pB, S, eE 90deg ; = IC 335	3	35.5	-	34	27
1964			Ret		E pf	3	33.6	-	53	10
1965		Galaxy	Ret		Size: 1.3 eF, vS, R, cbM	3	33.2	-	56	33
1966			Hor		stell	3	34.1	-	51	19
1967		Galaxy	Tau	14	Size: 0.8 vF, S, R, *13 nr	3	37.7	+	3	17
1968			Hor		stell	3	34.7	-	50	38
1969			Hor		eF, vS, cE 50deg , cbM	3	36.2	-	45	11
1970		Galaxy	Hor		Size: 3.3 eF, vS, eE 75deg	3	36.5	-	43	57
1971			Hor		E pf	3	36	-	52	38
1972			Hor		E	3	36.4	-	52	1
1973			Hor		E	3	36.4	-	51	59
1974			Hor		E npsf	3	36.7	-	49	34
1975			Eri		eF, vS, v diffic, nr 1405	3	39.1	-	15	30
1976			Hor		eF, eS, R	3	37.2	-	47	26
1977		Galaxy	Tau	15	Size: 1.7 F, S, R, dif, *13.5 nr	3	40.8	+	17	45
1978		Galaxy	Hor		Size: 1.2 E ns	3	37.1	-	50	9
1979			Ret		eeF, eS, vmE 20deg	3	36.7	-	57	56
1980		Galaxy	Ret		Size: 1.2 eF, cS, vmE 25deg	3	37	-	57	58
1981		Galaxy	For		Size: 1.9 eF, eS, IE, * close nf; = 141	3	40.5	-	26	52
1982		Galaxy	Ret		Size: 1.4 cF, eS, R	3	37.7	-	57	47
1983		Galaxy	Eri		Size: 4.0 vF, pS, R	3	40.9	-	22	34
1984			Hor		eeF, eS, mE 150deg	3	39.9	-	47	5
1985			Per		*8 in F, eL neb	3	44.6	+	32	10
1986			Hor		eF, eS, cE 135deg	3	40.6	-	45	22
1987		Galaxy	Ret		Size: 1.5 eF, vS, R	3	40.2	-	55	3
1988			Eri		eF, pL, R, 2 st nr f, 2 st np	3	42.8	-	39	53
1989		Galaxy	Hor		Size: 1.2 stell	3	41.9	-	50	57
1990			Tau		vL, mE pf, 15' l	3	47.5	+	24	37
1991			Hor		stell, E spnf	3	44.7	-	51	33
1992			Hor		stell	3	45.1	-	51	1
1993		Galaxy	For		Size: 2.5 eF, L, cE, *7.5 att, v diffic	3	47.1	-	33	43
1994			Hor		E ns	3	45.8	-	51	40
1995	LBN 774		Tau		*6 in eF, eeL neb	3	50.3	+	25	35
1996			Ret		eeF, eS, eE 95deg	3	45	-	57	20
1997		Galaxy	Ret		Size: 1.3 eF, vS, R, cbM, stell N	3	44.9	-	59	8
1998		Galaxy	Tau	16	F, S, R, bMN	3	51.5	+	1	11
1999			Ret		eeF, vS, cE 140deg	3	47.7	-	56	57
2000	ESO 201-G003	Galaxy	Hor		Size: 3.8 cB, L, eE 80deg , vmbM	3	49.1	-	48	52
2001			Hor		eF, vS, R, 3 st nr	3	50.9	-	48	38
2002		Galaxy	Tau	15	Size: 1.4 F, E ns, dif, *14 n	3	54.4	+	10	43
2003	PK 161-14.1	Planetary Nebula	Per	13	Size: 0.1 pB, eS, IE ns, *13 n 4", *12	3	56.4	+	33	52
2004			Hor		eF, S	3	51.8	-	49	25
2005		Galaxy	Per	16	F, vS, R, stell	3	57.6	+	36	48
2006	ESO 359- 7	Galaxy	Eri	12	Size: 2.3 pB, S, R, * nr nf, D* sp	3	54.1	-	35	59
2007		Galaxy	Eri		Size: 1.8 eF, S, R, F* att nf	3	55.4	-	28	10
2008			Eri		eF, vS, eF* v close nf; = IC 2007	3	55.4	-	28	10
2009		Galaxy	Hor		Size: 1.9 eF, S	3	53.6	-	48	59
2010		Galaxy	Ret		Size: 1.2 eF, S, E 70deg	3	52	-	59	56
2011			Ret		eeF, vS, R	3	52.5	-	57	29
2012			Ret		eeF, eS, cE ns	3	52.8	-	58	38
2013			Eri		cB, cL, mE 170deg , cbM, susp	3	56.7	-	17	6
2014		Galaxy	Ret		Size: 1.4 eeF, vS, R	3	55.4	-	56	45
2015			Hor		eF, S, R, bM, susp	3	58	-	40	27

IC Objects

ObjectNum	Name	Type	Constellation	Magnitude	Info	RAHour	RAMinute	DecSign	DecDeg	DecMinute
2016		Galaxy	Tau	16	eF, vS, *15 s 30"	4	1.9	+	20	13
2017		Galaxy	Ret		Size: 1.3 eF, vS, R	3	56.7	-	59	24
2018		Galaxy	Dor		Size: 1.2 eF, vS, R	3	57.9	-	52	47
2019		Galaxy	Tau	15	Size: 1.1 F, S, R, stell, r	4	2	+	5	38
2020			Ret		eF, vS, R	3	59	-	54	3
2021			Dor		eF, vS, R	3	59.4	-	52	40
2022			Ret		eeF, eS, mE 5deg , cbM	3	58.7	-	59	2
2023			Dor		eF, vS, R	3	59.7	-	52	41
2024		Galaxy	Ret		Size: 1.1 eF, vS, cE 35deg	4	0.1	-	53	22
2025		Galaxy	Ret		Size: 1.1 eF, vS, cE 135deg	4	0.4	-	53	4
2026			Eri		vF, vS, stell	4	3.9	-	11	11
2027		Galaxy	Per	16	Size: 1.2 F, vS, R, vlbM	4	6.7	+	37	7
2028		Galaxy	Dor		Size: 1.1 cF, vS, R	4	1.3	-	52	42
2029		Galaxy	Dor		Size: 1.3 eF, vS, R	4	1.3	-	52	48
2030			Eri		cF, vS, eE 135deg , susp	4	4.9	-	19	14
2031			Eri		eF, vS, dif, lbM, *11 nf 3'	4	5.9	-	5	37
2032		Galaxy	Dor		Size: 1.5 eF, vS, R	4	7.1	-	55	20
2033		Galaxy	Dor		Size: 1.3 eF, vS, cE 130deg	4	7.2	-	53	41
2034		Galaxy	Ret		Size: 1.2 eeF, vS, cE 115deg	4	6.6	-	57	58
2035	ESO 250- 7	Galaxy	Hor	12	F, vS, R	4	9	-	45	31
2036			Hor		eeF, pS, R, v diffic, *9 f	4	10	-	39	42
2037		Galaxy	Ret		Size: 1.5 eF, vS, eE 90deg , cbM	4	8.3	-	58	45
2038		Galaxy	Dor		Size: 1.7 eF, vS, eE 145deg	4	8.9	-	56	0
2039		Galaxy	Dor		Size: 1.3 eF, vS, R	4	9	-	56	1
2040		Galaxy	Eri		Size: 1.6 vF, vS, R, rr?, 1531-32 s	4	13	-	32	33
2041		Galaxy	Eri		Size: 1.5 eF, vS, R, *10 close s	4	12.6	-	32	49
2042			Hor		*9 in neb 1' diam	4	11.7	-	47	16
2043		Galaxy	Dor		Size: 1.3 eF, vS, eE 5deg , vmbM	4	11.2	-	53	41
2044			Dor		eF, vS, R	4	11.2	-	54	31
2045			Eri		eF, eS, alm stell, nr 1538	4	14.6	-	13	10
2046			Dor		vF, vS, R	4	11.4	-	54	40
2047			Eri		eF, eS, diffic, nr 1538	4	14.9	-	13	11
2048		?	Eri		eeF, eS, B* f, v diffic	4	14.3	-	33	7
2049		Galaxy	Ret		Size: 1.1 eF, vS, R	4	12.1	-	58	33
2050		Galaxy	Dor		Size: 1.4 F, vS, cE 60deg	4	13.9	-	53	29
2051	ESO 004-G007	Galaxy	Men		Size: 2.6 ! vF, vS, stell N ellipt ring	3	52	-	83	50
2052			Dor		vF, vS, mE	4	15	-	54	20
2053			Dor		eF, S, cE 140deg , susp	4	15.8	-	49	22
2054			Men		eeF, eS, vF* 1' nf, susp	4	7.2	-	78	15
2055			Dor		F, S, cE ns, susp	4	17.8	-	48	55
2056	ESO 118-16	Galaxy	Ret	12	Size: 1.9 F, pL, R, bM	4	16.5	-	60	13
2057		Galaxy	Tau	15	pB, pS, R, gbM, r	4	21.9	+	4	3
2058		Galaxy	Dor		Size: 2.7 cB, cL, eE 10deg	4	17.9	-	55	56
2059		Galaxy	Eri		Size: 1.4 eeF, pL, R	4	20.4	-	31	44
2060		Galaxy	Ret		Size: 1.3 F, S, bM	4	17.9	-	56	37
2061			Tau		F, cS, R, susp	4	24	+	21	5
2062		Galaxy	Cam	12	Size: 8.8 eF; = 1560	4	32.8	+	71	54
2063			Eri		eF, vS, nr 1561-65	4	22.9	-	15	44
2064			Eri		susp, nf 1565	4	23.5	-	15	41
2065		Galaxy	Dor		Size: 1.2 vF, vS, vmE 45deg , pmbM	4	21.5	-	55	56
2066			Dor		eeF, vS, R	4	23.5	-	54	45
2067			Per		vF, R, *15 inv n, *17 close np	4	30.8	+	35	27
2068		Galaxy	Cae		Size: 1.3 eF, pL, R, 1585 f	4	26.6	-	42	6
2069			Cae		eeF, S, R, susp	4	25.9	-	48	12
2070		Galaxy	Dor		Size: 1.7 vF, vS, cbM	4	24.6	-	57	59
2071			Dor		eeF, vS, cE 80deg	4	26.2	-	53	8
2072			Cae		cF, S, R, susp	4	26.9	-	48	22
2073		Galaxy	Dor		Size: 1.4 vF, vS, eE 60deg , stell N	4	26.6	-	53	11
2074		Open Cluster	Tau		vF, S, st inv; S Cl?	4	31.3	+	7	42
2075		Galaxy	Eri		Size: 2.0 eF, pL, vlbM	4	31	-	5	48
2076			Cae		vF, vS, cE 130deg , susp	4	28.1	-	48	13
2077			Tau		F, vS, gbMN; = 1608	4	32.1	+	0	34
2078			Eri		eF, pS	4	31.9	-	4	41
2079		Galaxy	Dor		Size: 1.3 eF, vS, E 130deg	4	28.5	-	53	44
2080			Eri		eF, vS, 1594 p about 90s , 3' s	4	32.3	-	5	45
2081		Galaxy	Dor		Size: 1.5 eF, vS, R, bet 2 F st	4	29	-	53	37
2082		Galaxy	Dor	12.8	cF, S, R	4	29.1	-	53	50
2083		Galaxy	Dor		Size: 1.1 eF, vS, R	4	30.7	-	53	59
2084			Cae		F, S, R, susp	4	32.1	-	48	17
2085		Galaxy	Dor		Size: 2.4 eF, vS, eE 110deg	4	31.4	-	54	25
2086			Dor		eeF, vS, R	4	31.6	-	53	38
2087	LBN 813	Nebula	Tau		Size: 4. eeF, in hole of eL neby	4	40	+	25	44
2088			Tau		eeL, 3deg long	4	43.7	+	27	16
2089			Men		eeF, vS, R, F* 1' f, susp	4	32.6	-	75	33
2090			Cae		vF, pS, R, 3 st sp	4	44.7	-	34	0
2091		Asterism	Eri		F, stell N	4	46.6	-	4	41
2092		Double Star	Eri		S, spiral, stell N	4	46.8	-	4	57
2093		Double Star	Ori		vF, stell	4	47.6	-	2	43
2094			Eri		spiral, F stell N	4	48.4	-	5	22
2095		Galaxy	Eri	15	Size: 1.3 F, S, E spnf, spiral?	4	48.7	-	5	8
2096		Triple Star	Eri		S, E, spiral, stell N	4	49.6	-	4	59
2097			Eri		F, E npsf, spiral, lbM	4	50.3	-	5	5
2098		Galaxy	Eri	14	Size: 2.0 F, spiral, lbM	4	50.7	-	5	26
2099		Galaxy	Eri	15	Size: 0.6 S, mbMN	4	50.8	-	4	54

IC Objects

ObjectNum	Name	Type	Constellation	Magnitude	Info	RAHour	RAMinute	DecSign	DecDeg	DecMinute
2100		Double Star	Eri		vF, S, IE stell	4	51.2	-	4	50
2101		Galaxy	Eri	14	Size: 1.5 F, E npsf, bM, prob spir	4	51.6	-	6	15
2102		Galaxy	Eri	15	Size: 1.1 vF, lbM, prob spir	4	51.9	-	4	58
2103		Galaxy	Men		Size: 1.7 cF, vS, eE 80deg, stell N	4	39.8	-	76	50
2104		Galaxy	Lep		Size: 2.2 F, E, gbM	4	56.5	-	15	47
2105		Nebula	Dor		PN, stellar	4	49.4	-	69	12
2106		Galaxy	Cae		Size: 2.0 eeF, pL, D* 24s f	4	56.6	-	28	30
2107		?	Ori		Cl, vF, vS, R	4	58.3	+	8	15
2108		Galaxy	Lep	14	Size: 1.2 vF, pS, R, mbM, *9.5 sf 1'.3	4	57.3	-	15	17
2109			Ori		vF*, nebs?	4	59	-	0	19
2110			Ori		vF*, nebs?	4	59	-	0	19
2111		Nebula	Dor		PN, stellar	4	51.9	-	69	24
2112		Galaxy	Ori	15	vF, pS, dif	5	0.5	+	4	23
2113		Galaxy	Lep	13	Size: 2.3 no descr	4	59.6	-	15	50
2114			Dor		PN, stellar; = 1748	4	54.6	-	69	12
2115		Nebula	Dor		PN, stellar	4	57.1	-	66	24
2116		Nebula	Dor		PN, stellar	4	57.4	-	66	25
2117		Nebula	Dor		PN, stellar	4	57.2	-	68	27
2118	NGC 1909	Nebula	Eri		Size: 180. F, eL, iF, 1779 inv s	5	6.9	-	7	13
2119			Lep		eeF, pS, v diffic, 2 st 12.5 nr	5	7.2	-	20	21
2120		Planetary Nebula	Aur		Size: 0.8 eF	5	18.2	+	37	36
2121		Galaxy	Lep		Size: 2.1 eef, S, R, v diffic, *7 p 14s	5	19.7	-	25	4
2122		Galaxy	Col		Size: 2.0 pB, eS, R, 3 st nf	5	19	-	37	5
2123			Ori		vS, R, mbM, S* close n	5	21.9	+	3	30
2124			Ori		vS, R, mbM, S* close n	5	21.9	+	3	30
2125			Lep		eeF, vS, R, v diffic	5	24.4	-	26	59
2126			Dor		PN, stellar; = 1935	5	21.9	-	67	57
2127			Dor		PN stellar; = 1936	5	21.9	-	67	58
2128		Nebula	Dor		Cl, few st and neb (in LMC)	5	22.8	-	68	3
2129			Lep		eeF, pS, R, *7 ssf	5	31.3	-	23	4
2130		Galaxy	Lep		Size: 2.2 eF, pL, R, *7.5 nf	5	31.8	-	23	9
2131			Lep		pB, vS, R	5	32.3	-	17	13
2132		Galaxy	Lep	14	Size: 1.3 vF, S	5	32.5	-	13	55
2133		?	Cam		vF, pL, *13 sf 0'.7	5	42.2	+	69	23
2134			Men		cF, vS	5	23	-	75	27
2135		Galaxy	Col		Size: 2.5 eeF, eS, eE, v diffic	5	33.2	-	36	24
2136		Galaxy	Col		Size: 2.5 eF, pS, eE; = IC 2135	5	33.2	-	36	24
2137			Lep		eF, vS, R, *8 f 10s, 1979 nr	5	34.3	-	23	20
2138		Galaxy	Lep	14	Size: 1.0 eF, S, 2 st inv 0'.5 apart, *	5	34.3	-	23	33
2139		Triple Star	Lep		Cl, vvS (12'), looks nebs	5	35.3	-	17	56
2140		Open Cluster	Men		eF, vS; eS Cl?	5	33.2	-	75	22
2141			Pic		F, vS, R, bM	5	42.3	-	51	2
2142			Men		eF, vS, IE 25deg, lbM	5	33.1	-	78	0
2143		Galaxy	Lep		Size: 2.5 eF, pS, vmE 45deg, 3 st sf	5	46.9	-	18	44
2144			Tau		pF, eS, *12 nnp 2', *12 s 1'	5	50.2	+	23	52
2145		Nebula	Dor		PN, stellar	5	40.4	-	69	40
2146		Open Cluster	Men		Cl, vF, bet 2 st	5	37.8	-	74	46
2147			Col		eeF, pS, R, F* np	5	47.8	-	30	30
2148			Men		vF, vS, bM	5	39.2	-	75	31
2149	PK 166+10.1	Planetary Nebula	Aur	11	Size: 0.1 PN, stellar	5	56.3	+	46	7
2150		Galaxy	Col		Size: 2.3 eeF, S, vmE, v diffic, 3 st s	5	51.3	-	38	19
2151		Galaxy	Lep		Size: 2.1 eF, pS, nr IC 438	5	52.6	-	17	47
2152		Galaxy	Lep		Size: 1.9 pB, pS, R, sev B st f	5	57.9	-	23	11
2153		Galaxy	Col		Size: 2.5 eF, vS, susp	6	0.1	-	33	55
2154		Galaxy	Lep		Size: 3.3 pF, pS, R, * nf, 2 st np; = 2	6	1.1	-	23	40
2155			Col		eF, vS, R, susp	6	0.8	-	34	1
2156		Open Cluster	Gem		Cl, nebs?	6	4.8	+	24	9
2157	Cr 80	Open Cluster	Gem	8.4	Size: 7. Cl, S	6	5	+	24	0
2158	ESO 425- 7	Galaxy	Col		Size: 1.6 vF, pS, IE, brush, * att nf	6	5.3	-	27	51
2159		Nebula	Ori		vF, vL, dif	6	9.9	+	20	24
2160		Galaxy	Men		Size: 1.9 vF, vS, stell N	5	55.5	-	76	55
2161			Men		eF, vS, bM, susp	5	57.2	-	75	8
2162	Sh2-256	Nebula	Ori		Size: 15. vF, pL, R, *10 inv p	6	12.9	+	17	59
2163		Galaxy	CMA		eF, pS, 2207 p 7s	6	16.5	-	21	23
2164		Galaxy	Men		Size: 1.3 eF, eeS, R, stell N	6	6.9	-	75	22
2165	PK 221-12.1	Planetary Nebula	CMA	13	Size: 0.1 PN, stellar	6	21.7	-	12	59
2166	UGC 3463	Galaxy	Lyn	13	Size: 2.9 neb; F* p 1', D* f 3'	6	27	+	59	5
2167			Mon		*9.5 in F, L neb	6	31.3	+	10	27
2168		Open Cluster	Aur		Cl, S, F neby	6	33.8	+	44	41
2169	IC 447	Nebula	Mon		Size: 25. F, L, dif, sev st 9-10 inv	6	31.2	+	9	54
2170			Aur		eF, S, r, *13 spp 0'.8	6	34.1	+	44	42
2171		Galaxy	CMA		Size: 1.8 F, 3 st 10 around	6	44.4	-	17	56
2172			Mon		neb*	6	46.9	+	1	20
2173			Gem		eF, neb*, 2288 close, *12 nnp 1'; = 2291	6	50.8	+	33	26
2174		Galaxy	Cam		Size: 1.2 eF, S, bM	7	9.1	+	75	21
2175			Gem		eF, pL, r, nebs?	6	59.7	+	35	17
2176		Galaxy	Gem	15	Size: 0.4 vF, vS, R, stell	7	7.5	+	32	28
2177	Gum 2;Sh2-296;RCW1	Nebula	Mon		Size: 120. pB, eL, iR, v dif	7	5.1	-	10	42
2178		Galaxy	Gem	16	vF, vS, R, bMN	7	7.6	+	32	31
2179	UGC 3750	Galaxy	Cam	12.6	Size: 1.0 *13 in vF, vS neb (= 2347?)	7	15.5	+	64	56
2180		Galaxy	Gem	15	Size: 1.2 F, S, iF, dif	7	11.3	+	26	23
2181		Galaxy	Gem	15	Size: 1.0 F, S, R, stell	7	13.2	+	19	0
2182			Gem		vF, vS, dif, *12 att	7	14.2	+	18	57
2183			CMA		wisp 2' ns, 3 st n, susp	7	16.9	-	20	25

IC Objects

ObjectNum	Name	Type	Constellation	Magnitude	Info	RAHour	RAMinute	DecSign	DecDeg	DecMinute
2184		Galaxy	Cam		Size: 1.3 vF, S, stell, r	7	29.4	+	72	8
2185		Galaxy	Gem	15	Size: 0.5 F, S, R	7	23.2	+	32	30
2186			Gem		F, S, R, gbM, r	7	22.7	+	21	32
2187			Gem		F, S, R, dif, *11.5 vnr	7	22.7	+	21	29
2188			Gem		F, S, dif, FN	7	22.7	+	21	30
2189			CMi		PN stell	7	25	+	8	55
2190			Aur		F, pS, dif	7	29.9	+	37	31
2191		Galaxy	Gem	15	Size: 0.7 F, vS, R, stell	7	30.3	+	24	18
2192			Gem		F, vS, R, *14 nearly in cont	7	33.3	+	31	22
2193			Gem		close p *10 (= IC 2192?)	7	33.3	+	31	27
2194		Galaxy	Gem	15	Size: 1.0 F, S, R, gbM, r	7	33.7	+	31	19
2195			Car		cB, S, R, bM, susp	7	28.4	-	51	15
2196		Galaxy	Gem	14	Size: 1.5 F, S, pR, gbM, r, 3 st 2' p	7	34.1	+	31	24
2197		Galaxy	Gem	14	Size: 0.5 vvF	7	34.3	+	31	24
2198		Galaxy	Gem	15	F, S, R, gbM, r	7	34.1	+	23	58
2199			Gem		F, S	7	34.9	+	31	13
2200		Galaxy	Car		Size: 1.1 eF, eS, eE 65deg , bet 2 st,	7	28.3	-	62	22
2201		Galaxy	Gem	15	Size: 1.3 F, vS, R, gbM, r	7	36.2	+	33	7
2202		Galaxy	Vol		Size: 2.1 eF, eS, R	7	27.9	-	67	34
2203		Galaxy	Gem	14	Size: 1.2 F, S, R, gbM, r	7	40.6	+	34	13
2204		Galaxy	Gem	15	Size: 1.1 F, vS, R, eFN, r	7	41.2	+	34	13
2205		Galaxy	Gem	15	F, vS, neb D*	7	46.9	+	26	53
2206			Pup		PN , stell, 9.5m	7	45.8	-	34	22
2207		Galaxy	Gem	15	Size: 2.0 vF, vS, dif, *15 vnr	7	49.8	+	33	57
2208			Gem		F, S, R, dif	7	52.5	+	27	30
2209		Galaxy	Cam	13.8	Size: 1.1 vF, S, lbM	7	56.2	+	60	18
2210		Galaxy	Lyn	15	eF, stell, *13 np	7	57.1	+	56	40
2211		Galaxy	Gem	14	Size: 0.8 pB, S, R, FN, r	7	57.7	+	32	34
2212		Galaxy	Gem	15	Size: 0.5 F, pL, vlbM, dif	7	59	+	32	37
2213		Galaxy	Gem	15	Size: 0.7 F, S, R, lbMN	7	59	+	27	28
2214		Galaxy	Lyn	14	Size: 0.8 pB, S, R, gbMN	7	59.9	+	33	18
2215		Open Cluster	Gem		Cl, vS, 30"	7	59.6	+	24	55
2216			CMi		vF, eS, sbM	7	59.5	+	5	36
2217		Galaxy	Cnc	14	Size: 0.6 F, pS, R, dif, r	8	0.8	+	27	30
2218		Galaxy	Cnc	16	F, S, R, *14 vnr	8	1.6	+	24	26
2219		Galaxy	Cnc	14	Size: 1.5 F, pS, E 135deg , gbM, r	8	2.6	+	27	27
2220		Nebula	Car		!! L, E, spiral, * inv	7	56.8	-	59	7
2221			Lyn		vF, vS, R, diffic	8	5.1	+	37	27
2222			Lyn		F, S, R, dif, r	8	5.2	+	37	29
2223			Lyn		F, S, R, dif	8	5.8	+	37	28
2224			Lyn		vF, vS, R, vlbM, diffic	8	5.8	+	37	28
2225			Lyn		F, pS, gbM, r	8	6.4	+	35	56
2226		Galaxy	Cnc		Size: 1.4 F, S	8	6.2	+	12	32
2227			Lyn		F, vS, gbMN, r, *13.5 vnr	8	7.3	+	36	2
2228		Galaxy	Cnc	15	Size: 0.4 eF, S, r	8	7.1	+	8	2
2229			Cnc		F, S, R, lbMN, r	8	9.7	+	25	53
2230		Galaxy	Cnc	16	F, vS, dif	8	10.9	+	25	41
2231		Galaxy	CMi	15	Size: 2.0 F, vS, R, dif, *14 att	8	11	+	5	5
2232			Lyn		F, pS, R, gbMN; = 2543	8	12.9	+	36	15
2233	UGC 4278	Galaxy	Lyn	13	Size: 4.7 pB, L, E np sf; 2537 np	8	14	+	45	44
2234			Lyn		pF, vS, dif, vFN	8	13.9	+	35	30
2235			Cnc		pB, S, E 135deg , dif	8	13.6	+	24	5
2236			Cnc		pB, E 0deg , dif	8	13.6	+	24	3
2237			Cnc		vF, pS, p dif	8	14.1	+	24	41
2238			Cnc		pF, S, dif	8	14.1	+	24	40
2239		Galaxy	Cnc	15	Size: 1.0 pB, S, R, stell N	8	14.1	+	23	52
2240			Cnc		vF, S, E 155deg , dif	8	14.8	+	24	28
2241			Cnc		pB, S, dif	8	15.1	+	24	8
2242			Cnc		pF, S, dif	8	15.2	+	24	8
2243			Cnc		F, S, dif, biN	8	15.3	+	23	58
2244			Cnc		vF, S, E 0deg	8	15.4	+	24	33
2245			Cnc		vF, S, iF	8	15.5	+	24	32
2246			Cnc		pB, S, dif, bf	8	16	+	23	51
2247			Cnc		pF, E 135deg , biN	8	16.1	+	24	12
2248		Galaxy	Cnc	15	Size: 0.4 pB, pL, E 90deg , Nn	8	16.1	+	23	8
2249			Cnc		F, vS, iF, att* sp	8	16.6	+	24	30
2250			Cnc		F, S, dif	8	16.5	+	23	38
2251			Cnc		pF, pS, dif	8	16.7	+	23	57
2252			Cnc		pF, S, R	8	16.7	+	24	42
2253		Galaxy	Cnc	15	F, vS, R, stell	8	16.5	+	21	25
2254		Galaxy	Cnc	15	F, S, R, stell, *13.5 vnr	8	16.7	+	24	47
2255			Cnc		vF, pL, N	8	16.7	+	23	27
2256		Galaxy	Cnc	15	Size: 0.6 B, pS, E 205deg	8	16.8	+	24	11
2257			Cnc		F, S, lbM	8	17.2	+	23	39
2258			Cnc		pF, S, mE 0deg , biN	8	17.3	+	23	35
2259			Cnc		vF, S, dif, diffic	8	17.3	+	23	34
2260			Cnc		pF, S, R, dif	8	17.5	+	24	40
2261			Cnc		vF, mE 45deg , B* 1' f	8	17.6	+	23	31
2262		?	Cnc		pB, S, B* nf	8	17.4	+	18	27
2263			Cnc		vF, S, E 0deg , vlbM	8	17.7	+	23	35
2264			Cnc		pB, S, stell N	8	17.8	+	23	43
2265			Cnc		pF, vS, R, dif	8	17.8	+	24	12
2266		?	Cnc		pB, vS, mE, B* att	8	17.7	+	18	25
2267		Galaxy	Cnc	15	Size: 2.3 pB, mE 137deg	8	18	+	24	44

IC Objects

ObjectNum	Name	Type	Constellation	Magnitude	Info	RAHour	RAMinute	DecSign	DecDeg	DecMinute
2268		Galaxy	Cnc	15	pF, S, R, glbM	8	18.1	+	24	48
2269		Galaxy	Cnc	16	pF, S, E 25deg	8	18.2	+	23	3
2270		?	Cnc		pB, S, * vnr np	8	18	+	19	6
2271		Galaxy	Cnc	15	pB, S, bM	8	18.4	+	24	31
2272		?	Cnc		vF, vS, gbM, * att	8	18.1	+	18	44
2273		?	Cnc		pF, S, bM	8	18.2	+	18	24
2274		Triple Star	Cnc		pB neb*, 2 spir branches	8	18.2	+	18	40
2275		?	Cnc		pB, S, gbM	8	18.2	+	18	25
2276		?	Cnc		iF, conn with IC 2278, 80	8	18.5	+	18	29
2277		?	Cnc		pF, vS, iF	8	18.5	+	18	39
2278		?	Cnc		iF, conn with IC 2276, 80	8	18.6	+	18	28
2279		?	Cnc		F, S, dif	8	18.6	+	18	34
2280		?	Cnc		pF, iF, conn with IC 2276, 78	8	18.7	+	18	27
2281		?	Cnc		* att 51deg, spir br	8	18.9	+	18	55
2282			Cnc		pF, L, dif, * sf	8	19.3	+	24	48
2283			Cnc		pF, pS, R, *9 f 4s .6, 35" s	8	19.3	+	24	47
2284		?	Cnc		F, S, dif, stell N, * vnr sf	8	19	+	18	36
2285			Cnc		pF, S, curved N, conn with IC 2281	8	19.1	+	18	55
2286			Cnc		pB, vS, E 50deg	8	19.1	+	18	57
2287			Cnc		vF, pS, lbM, dif	8	19.1	+	19	24
2288		Galaxy	Cnc	15	Size: 0.3 F, S, E 90deg, bM, dif	8	19.3	+	23	46
2289		?	Cnc		pF, S, iF	8	19.1	+	18	32
2290		?	Cnc		pF, pS, dif, others nr	8	19.3	+	19	19
2291		?	Cnc		vF, S, mE 125deg, gbM	8	19.3	+	18	30
2292			Cnc		pF, vS, E 135deg, bM	8	19.4	+	19	34
2293		Galaxy	Cnc	15	Size: 0.8 F, pS, dif	8	19.6	+	21	23
2294			Cnc		pF, vS, iF	8	19.4	+	18	59
2295			Cnc		F, vS, E 90deg, vF stell N, B* sf	8	19.4	+	18	25
2296			Cnc		pF, vS, iF, vlbM	8	19.5	+	18	54
2297			Cnc		pB, S, others nr	8	20.1	+	18	23
2298			Cnc		pF, S, iF, Ns, * close nf	8	20.1	+	18	24
2299			Cnc		F, vME 60deg	8	20.2	+	19	20
2300			Cnc		F, pS, iF, arms n and p	8	20.2	+	18	25
2301			Cnc		vF, S, mE, exc N, * sf	8	20.2	+	18	26
2302			Cnc		F, vS, R, vlbM	8	20.3	+	19	21
2303			Cnc		F, vS, mE 0deg	8	20.3	+	19	25
2304			Cnc		B, vS, neb*	8	20.6	+	19	26
2305			Cnc		vF, S, N	8	20.7	+	19	27
2306			Cnc		F, vS, R, bM	8	20.7	+	19	7
2307			Cnc		pB, pS, dif, E 0deg	8	20.7	+	19	26
2308		Galaxy	Cnc	16	Size: 0.3 pB, vS, iF, bM	8	20.9	+	19	21
2309		Galaxy	Cnc	16	vF, pS, E 165deg	8	20.8	+	18	23
2310			Cnc		pB, pS, mE 40deg, curved mbM	8	20.8	+	18	28
2311	ESO 495-G002	Galaxy	Pup		Size: 2.2 pB, vS, R, lbM, 6' n of 2566	8	18.8	-	25	22
2312			Cnc		vF, S, E 45deg, dif, vlbM	8	20.9	+	18	31
2313			Cnc		vF, vS, vF stell N	8	20.9	+	18	31
2314			Cnc		F, S, spir, vlbM	8	21.1	+	18	46
2315			Cnc		F, vS, R, dif, N	8	21.2	+	18	55
2316			Cnc		pB, S, R, exc stell N	8	21.3	+	19	46
2317			Cnc		F, vS, dif, vF stell N	8	21.4	+	18	51
2318			Cnc		F, vS, N	8	21.5	+	18	37
2319			Cnc		F, S, R	8	21.6	+	18	29
2320			Cnc		F, vS, N	8	21.6	+	18	40
2321			Cnc		pB, vS, R	8	21.7	+	18	28
2322			Cnc		F, S, dif	8	21.7	+	18	29
2323			Cnc		pF, S, R	8	21.7	+	18	37
2324			Cnc		pF, S, mE 155deg, sev N	8	22	+	19	12
2325			Cnc		vF, pL, iF, F* att f	8	22.1	+	18	55
2326			Cnc		vF, mE 90deg, dif, sev N	8	22.2	+	19	1
2327		Galaxy	Hya	14	Size: 1.5 F, S, dif	8	21.4	+	3	10
2328			Cnc		pB, pS, mE 65deg	8	22.3	+	19	37
2329		Galaxy	Cnc	15	Size: 2.2 pF, pS, mE 110deg, stell N	8	22.4	+	19	24
2330			Cnc		B, vS, stell, 2 spir branches	8	22.4	+	18	51
2331			Cnc		vF, pL, R, dif	8	22.6	+	19	41
2332			Cnc		pB, vS, R, stell N, F* att s	8	22.7	+	19	55
2333			Cnc		F, S, R, N	8	23	+	19	5
2334			Cnc		pF, S, R	8	23	+	18	37
2335			Cnc		F, pS, vlbM, dif, biN	8	23.1	+	19	25
2336			Cnc		vF, vS, R	8	23.3	+	18	32
2337			Cnc		F, vS, R	8	23.3	+	18	32
2338		Galaxy	Cnc		Size: 0.6 F, vS, bMN	8	23.6	+	21	20
2339		Galaxy	Cnc		Size: 1.2 F, S, R, bMN	8	23.6	+	21	20
2340		Galaxy	Cnc	15	Size: 0.8 pF, pS, dif, bMN	8	23.6	+	18	44
2341		Galaxy	Cnc		Size: 1.6 F, S, R, bMN	8	23.7	+	21	26
2342			Cnc		pB, S, R, *12 att 112deg	8	23.5	+	18	35
2343			Cnc		F, pS, lbM, dif	8	23.9	+	19	1
2344			Cnc		pF, pS, R, lbM	8	23.9	+	18	39
2345			Cnc		F, S, E 90deg, att B* sp	8	24.1	+	19	57
2346			Cnc		vF, S, R, bM, 2nd vnr sf	8	24.2	+	19	42
2347			Cnc		vF, S, iF, dif	8	24.2	+	18	46
2348		Galaxy	Cnc	16	Size: 0.6 F, pS, mE 45deg, bM	8	24.4	+	20	32
2349			Cnc		pF, L, lbM, dif	8	24.3	+	19	0
2350			Cnc		vF, S, gbMN, B* s	8	24.5	+	19	33
2351		Galaxy	Cnc	14	Size: 1.1 pF, pS, iF, F stell N, 2581 f	8	24.6	+	18	36

IC Objects

ObjectNum	Name	Type	Constellation	Magnitude	Info	RAHour	RAMinute	DecSign	DecDeg	DecMinute
2352			Cnc		F, S, lbM, S neb f	8	24.7	+	19	36
2353			Cnc		pB, S, R, spir br	8	24.6	+	18	39
2354			Cnc		vF, vS, dif, vFN	8	24.7	+	18	40
2355			Cnc		pB, S, R, stell N	8	24.9	+	20	28
2356			Cnc		F, vS, mE, lbM	8	25	+	19	30
2357			Cnc		pF, S, R, dif, stell N	8	25.1	+	19	31
2358			Cnc		F, S, E 135deg, FN, vS neb f	8	25.1	+	19	30
2359		Galaxy	Cnc	14	Size: 1.1 F, vS, E 160deg, stell N exc	8	25.3	+	20	20
2360			Cnc		F, S, dif, vFN exc	8	25.2	+	19	27
2361		Galaxy	Cnc	15	Size: 1.7 F, pS, IE ns, gbM, r	8	25.7	+	27	53
2362			Cnc		pF, pL, dif, bet 4 B st	8	25.7	+	19	57
2363		Galaxy	Cnc		pF, pL, dif	8	25.8	+	19	27
2364			Cnc		pF, S, R, bM	8	25.9	+	19	46
2365			Cnc		pB, vS, R, stell	8	26.3	+	27	52
2366		Galaxy	Cnc	15	Size: 1.4 pB, vS, R, bMN	8	26.3	+	27	50
2367		Galaxy	Pup		Size: 2.3 pB, S	8	24.2	-	18	46
2368			Cnc		pF, vS, bMNE 170deg	8	26	+	19	53
2369			Cnc		pB, S, R, stell N	8	26.3	+	20	14
2370			Cnc		pB, vS, iF, N	8	26.4	+	19	38
2371			Cnc		pB, S, IE 90deg	8	26.6	+	19	48
2372			Cnc		F, S, IE 135deg, B* sf	8	26.7	+	19	53
2373		Galaxy	Cnc	15	Size: 1.4 F, S, dif, exc N	8	26.9	+	20	22
2374			Cnc		pF, S, R, dif, *11.5 close	8	28.3	+	30	26
2375			Pup		F, vS, E 90deg, 1st of 3	8	26.3	-	13	18
2376			Cnc		F, vS, R, *14 close	8	28.4	+	30	24
2377			Pup		eF, vS, 2nd of 3	8	26.4	-	13	18
2378		Galaxy	Cnc		Size: 0.9 F, S, R, glbM, r	8	28.5	+	30	26
2379			Pup		vF, vS, 3rd of 3	8	26.4	-	13	18
2380		Galaxy	Cnc	15	Size: 0.4 F, S, R, lbM, r	8	28.6	+	30	25
2381			Cnc		pF, S, R, bM, dif	8	28.4	+	19	47
2382		Galaxy	Cnc	15	Size: 0.4 F, S, R, r, *12.5 close	8	28.7	+	22	4
2383		Galaxy	Cnc	16	F, vS, R, bMN	8	29.6	+	30	41
2384		Galaxy	Cnc	16	Size: 0.4 F, S, R, stell	8	34.5	+	32	26
2385		Galaxy	Lyn	15	Size: 0.6 F, S, R, dif, r	8	35.1	+	37	17
2386			Cnc		eF, L, e dif	8	34.8	+	25	49
2387		Galaxy	Cnc	15	Size: 1.2 F, pS, E ns, gbM	8	38.6	+	30	47
2388		Galaxy	Cnc	16	eF, S, dif (FN?); *10 n 90"	8	40	+	19	38
2389		Galaxy	Cam	13.4	Size: 1.7 vF, S, lbM	8	48	+	73	32
2390		Galaxy	Cnc	16	iF, gbM, *10 sf 1'.5, *12 nf 1'	8	41.8	+	19	42
2391	Cr 191	Open Cluster	Vel	2.5	Size: 50. Cl, co, incl *3.7 (o Vel)	8	40.2	-	53	4
2392		Galaxy	Cnc		pB, pS, E 180deg, vlbM	8	44.5	+	18	17
2393		Galaxy	Cnc	15	Size: 1.4 F, S, R, N, r	8	46.8	+	28	11
2394		Galaxy	Cnc	15	Size: 1.7 F, S, R, gbM	8	47.1	+	28	16
2395	Cr 192	Open Cluster	Vel	4.6	Size: 8. Cl, co	8	41.1	-	48	12
2396		Double Star	Cnc		vF, vS	8	46.7	+	17	39
2397		?	Cnc		F, vS, R	8	46.7	+	17	40
2398		Galaxy	Cnc		pB, S, R, bM	8	46.7	+	17	45
2399		Galaxy	Cnc		vF, pL, E 190deg, bs	8	47.8	+	18	54
2400		Galaxy	Lyn	15	Size: 0.6 F, S, stell	8	48	+	38	6
2401		Galaxy	Lyn	15	Size: 1.3 F, S, R, N, r	8	48.1	+	37	45
2402		Galaxy	Cnc	15	Size: 0.4 F, S, R, gbMN, r	8	48.1	+	31	49
2403			Hya		vF, eS, IE	8	46.2	-	15	21
2404		Galaxy	Cnc	15	F, S, R, sbMN	8	48.1	+	29	30
2405		Galaxy	Lyn	15	Size: 0.4 F, S, R, gbM	8	48.7	+	37	14
2406		Galaxy	Cnc		B, pS, E 165deg	8	48.1	+	17	42
2407		Galaxy	Cnc		pB, pS, mE 80deg	8	48.1	+	17	37
2408		Star	Cnc		pF, vS, R	8	48.3	+	19	2
2409	UGC 4608	Galaxy	Cnc		pB, pL, bM, *15 p	8	48.4	+	18	20
2410		Galaxy	Cnc		pB, S, E 90deg, stell N	8	48.5	+	19	1
2411		Galaxy	Cnc		vF, S, E 235deg	8	48.5	+	19	3
2412		Double Star	Cnc		pB, S, R, N, *14 np	8	49.4	+	18	33
2413		Double Star	Cnc		pF, vS, FN	8	49.5	+	18	45
2414		Galaxy	Cnc		pF, vS, R, vlbM	8	49.8	+	18	48
2415		Triple Star	Cnc		F, vS, E 65deg, FN	8	50	+	18	39
2416		Double Star	Cnc		pB, S, R	8	50.5	+	18	34
2417		Galaxy	Cnc		B, S, R, stell N	8	51.2	+	18	48
2418		Galaxy	Cnc		vF, pL, R, 2nd vnr sf	8	51.4	+	17	57
2419		Star	Cnc		F, pS, E 0deg, dif	8	52.2	+	18	6
2420		Galaxy	Hya	15	F, S, gbMN	8	51.5	+	3	5
2421		Galaxy	Cnc		Size: 2.6 vF, pS, dif, diffic	8	54.4	+	32	41
2422		Galaxy	Cnc	16	Size: 0.4 pF, S, R, dif, *14 close	8	54.4	+	20	14
2423		Galaxy	Cnc	15	Size: 1.1 F, S, R, dif	8	54.8	+	20	14
2424			Lyn		vF, S, lbM; = 2704	8	56.8	+	39	23
2425		Star	Hya		eF, neb?	8	55.8	-	3	24
2426		Galaxy	Hya	15	Size: 0.3 F, vS, R, stell	8	58.5	+	2	54
2427		Galaxy	Lyn	16	F, vS, R, bM	9	1	+	37	52
2428		Galaxy	Cnc	15	Size: 1.9 F, pS, E pf, glbM	9	3.2	+	30	35
2429		Galaxy	Cnc	15	Size: 0.4 F, vS, R, bMN	9	3.8	+	29	18
2430		Galaxy	Cnc	14	Size: 1.1 F, S, R, gbM, r	9	4.5	+	27	57
2431		Galaxy	Cnc	14	Size: 0.6 F, S, R, N, r	9	4.5	+	14	36
2432		Galaxy	Hya	15	F, vS, R, dif	9	4.6	+	5	31
2433		Galaxy	Cnc	15	Size: 0.8 F, IE pf, dif	9	5.5	+	22	37
2434		Galaxy	Lyn	14	Size: 1.9 F, pS, lbM, r	9	7.2	+	37	12
2435		Galaxy	Cnc	15	Size: 1.0 F, S, R, gbM, r	9	6.8	+	26	16

IC Objects

ObjectNum	Name	Type	Constellation	Magnitude	Info	RAHour	RAMinute	DecSign	DecDeg	DecMinute
2436		Double Star	Hya		eF, S, stell, susp	9	5.4	-	19	10
2437		Galaxy	Hya		Size: 2.4 F, vS, R, 10' s of 2754, 57,	9	5.5	-	19	12
2438		Open Cluster	Cam		Cl, 5 or 6 st 13... within 1'.5	9	14	+	73	26
2439		Galaxy	Cnc	15	F, S, dif, r	9	8.6	+	32	35
2440			Cam		vF, stell (13m), neb?	9	15.5	+	73	28
2441			Cnc		F, S, R, glbM, D?	9	10	+	22	52
2442			Cnc		vF, vS, R, vibM	9	10.1	+	22	51
2443		Galaxy	Cnc	15	Size: 0.6 F, S, R, gbMN	9	11.5	+	28	49
2444		Galaxy	Cnc	15	Size: 0.9 F, vS, R, stell	9	12.8	+	30	14
2445		Galaxy	Cnc	15	Size: 1.0 F, S, R, dif, r	9	13.2	+	31	48
2446		Galaxy	Cnc	15	Size: 1.7 F, S, E 130deg , bMN, r	9	13.5	+	28	58
2447			Cnc		F, S, R, gbMN	9	13.5	+	28	45
2448	PK 285-14.1	Planetary Nebula	Car	12	Size: 0.1 PN , stell	9	7.1	-	69	57
2449			Cnc		vF, vS, lbM	9	15.2	+	30	0
2450			Cnc		F, S, gbM, r	9	15.7	+	25	27
2451		Galaxy	Cnc	16	F, S, R, gbMN	9	15.7	+	23	29
2452		Galaxy	Cnc	16	F, S, R, gbMN	9	15.9	+	23	27
2453		Galaxy	Cnc	15	F, S, R, gbM, r	9	15.8	+	20	56
2454		Galaxy	Cnc	14	Size: 1.2 F, vS, gbMN	9	16	+	17	49
2455			Cnc		F, R, gbMN, r	9	16.8	+	20	7
2456			Lyn		F, S, dif, r	9	17.5	+	34	47
2457		Galaxy	Cnc	14	Size: 1.2 F, S, R, dif	9	17.1	+	20	5
2458		Galaxy	UMa	15	Size: 0.4 eF, S, dif close to 2820	9	21.6	+	64	14
2459			Lyn		eF, vS, diffic	9	19.1	+	34	53
2460		?	Lyn		F, vS, E pf, stell N	9	19.3	+	33	51
2461		Galaxy	Lyn	15	Size: 2.7 F, vS, vibM	9	19.9	+	37	10
2462			Leo		vF, S, dif, r	9	22.9	+	22	41
2463		Galaxy	Leo	16	F, S, R, gbM, r	9	23	+	22	37
2464		Galaxy	Leo	15	Size: 0.6 pF, S, R, gbM, r	9	23.4	+	22	35
2465			Leo		F, S, dif	9	23.6	+	24	27
2466		Galaxy	Leo	15	vF, vS, dif, *13.5 att	9	23.7	+	24	31
2467			LMi		F, vS, R, gbMN	9	24.9	+	38	20
2468			LMi		vS, R, sbM *15	9	25	+	38	20
2469		Galaxy	Pyx		Size: 5.1 pF, cS, mE, *10 sp nr	9	23	-	32	27
2470			Hya		F, pS, iF, E 135deg , r	9	25	+	3	23
2471		Galaxy	Hya	14	Size: 0.7 vF, 2 or 3 st in neb; = 2876?	9	25.2	-	6	50
2472		Galaxy	Leo	15	F, S, R, dif	9	26.5	+	21	23
2473		Galaxy	Leo	15	Size: 1.6 F, pS, R, glbM	9	27.4	+	30	26
2474			Leo		*13 in vS neb, IC 538 f	9	27.2	+	23	2
2475		Nebula	Leo		Size: 0.5 F, vS, R, lbM	9	27.9	+	29	48
2476		Galaxy	Leo		Size: 1.7 F, S, R, bM	9	27.9	+	29	59
2477			Leo		F, S, gbM, r	9	27.9	+	29	42
2478		Nebula	Leo		Size: 0.1 F, S, R, N	9	27.9	+	30	1
2479		Nebula	Leo		Size: 0.3 F, S, R, vibM	9	28.1	+	30	0
2480		Nebula	Leo		Size: 0.2 F, vS, IE pf, gbM, r	9	28.2	+	29	43
2481		Galaxy	Hya	14	Size: 0.9 F, S, E 150deg , gbM, r	9	27.4	+	3	56
2482		Galaxy	Hya	13	Size: 2.0 F, vS, *10 p 7s , 0'.8 n	9	27	-	12	6
2483		Galaxy	Leo	16	F, S, R, lbM	9	29.5	+	31	0
2484			Vel		pB, S, R, *7 nf, D* p	9	26.8	-	42	51
2485			Ant		eF, vS, R, st in neb, susp	9	27.2	-	39	17
2486		Galaxy	Leo	15	Size: 1.1 vF, cS, dif	9	30.3	+	26	39
2487		Galaxy	Leo		Size: 2.0 F, L, mE 160deg	9	30.2	+	20	6
2488	Cr 208	Open Cluster	Vel	7	Size: 15. Cl, co	9	27.6	-	56	59
2489			Hya		pF, R	9	31.2	-	5	53
2490		Nebula	Leo		Size: 0.3 F, S, gbM	9	33.1	+	29	55
2491		Galaxy	LMi	15	Size: 1.1 F, S, R, gbM, r	9	35.2	+	34	44
2492			Ant		cF, vS, R, B* 1' np, susp	9	33.2	-	37	54
2493		Galaxy	LMi	15	Size: 0.5 F, vS, stell	9	36.3	+	37	23
2494			Hya		pB, pL, R, 2 st nr f	9	36.1	-	12	26
2495		Galaxy	Leo	15	Size: 0.7 F, cS, R, gbMN	9	38.2	+	28	3
2496		Galaxy	LMi	15	F, vS, R, r	9	38.7	+	34	43
2497			LMi		vF, vS, R, r	9	41.1	+	34	42
2498		Galaxy	Leo	15	F, S, E ns, r; biN?	9	41.3	+	28	6
2499			Leo		F, vS, dif, v diffic	9	41.4	+	27	54
2500		?	LMi		vF, pS, R, mbM	9	42.3	+	36	20
2501	PK 281-5.1	Planetary Nebula	Car	11	Size: 0.4 PN , stell	9	38.8	-	60	5
2502			LMi		F, S, R, gbM, diffic	9	43.2	+	33	8
2503			LMi		vF, vS, dif, v diffic	9	43.2	+	33	11
2504			Car		eF, vS, eE 170deg , lbM, susp	9	38.6	-	69	5
2505			Leo		F, S, R, vibM	9	45.1	+	27	16
2506			Leo		F, S, R, glbM, r	9	45.2	+	27	15
2507		Galaxy	Ant		Size: 1.7 vF, S, R, *12.5 nr nf, *9 np	9	44.6	-	31	47
2508		Galaxy	LMi	16	F, vS, R, dif, r	9	47.1	+	33	30
2509		Star	Sex		eF, neb?	9	46.9	+	5	43
2510		Galaxy	Ant		Size: 1.5 eF, vS, cE 140deg , bM, susp	9	47.7	-	32	50
2511	IC 2512	Galaxy	Ant		Size: 3.1 pB, pS, eE, *7 np, np of 2	9	49.4	-	32	51
2512		Galaxy	Ant		Size: 3.1 eeF, pS, mE, bet 2 st, sf of	9	49.4	-	32	51
2513		Galaxy	Ant		Size: 3.0 eeF, eS, R, D* nr sf, sp of 2	9	50	-	32	53
2514		Galaxy	Ant		Size: 3.0 eeF, eS, 3 F st nr f, nf of 2	9	50	-	32	53
2515		Galaxy	LMi	15	Size: 1.1 F, cS, E ns, r, biN?	9	54.6	+	37	24
2516		Galaxy	LMi	15	F, S, R, gbM	9	54.8	+	37	41
2517			Ant		eeF, S, R, susp	9	52.7	-	33	44
2518		Galaxy	LMi	16	F, S, R, lbM	9	56	+	37	9
2519		Galaxy	LMi	16	F, vS, R, dif	9	56	+	34	2

IC Objects

ObjectNum	Name	Type	Constellation	Magnitude	Info	RAHour	RAMinute	DecSign	DecDeg	DecMinute
2520		Galaxy	Leo	14	Size: 0.7 F, vS, R, gbMN, r	9	56.4	+	27	14
2521		Galaxy	LMi	15	Size: 0.5 F, S, dif	9	57.3	+	34	1
2522	ESO 374-10	Galaxy	Ant	13	Size: 2.8 vF, cL, R, *8 n, susp	9	55.2	-	33	8
2523		Galaxy	Ant		Size: 1.6 vF, vS, cE 20deg , susp	9	55.2	-	33	13
2524		Galaxy	LMi	15	Size: 0.7 F, vS, R, stell	9	57.5	+	33	37
2525		Galaxy	LMi	16	F, S, R, gbM	9	58.4	+	37	6
2526		Galaxy	Ant		Size: 1.9 vF, S, R, *7.5 nf	9	57.1	-	32	15
2527		Galaxy	LMi	15	F, vS, R, N	10	0.1	+	38	10
2528		Galaxy	Ant		Size: 2.0 eeF, eS, R, v diffic, eF D* s	9	59.1	-	27	8
2529		Galaxy	Hya		Size: 2.3 eeF, eS, eF* att; = 3081	9	59.5	-	22	50
2530		Galaxy	LMi	15	F, vS, stell	10	1.5	+	37	12
2531		Galaxy	Ant		Size: 6.3 eeF, pS, cE, 4 st n, nf, D* n	9	59.9	-	29	37
2532		Galaxy	Ant		Size: 1.8 cB, S, stell N	10	0.1	-	34	14
2533		Galaxy	Ant		Size: 1.7 cB, S, R	10	0.5	-	31	15
2534		Galaxy	Ant		Size: 2.8 cB, S, R	10	1.5	-	34	7
2535		Galaxy	LMi	14	Size: 0.7 pB, pS, E 110deg , gbM, r	10	4.5	+	38	3
2536		Galaxy	Ant		Size: 1.9 F, S, E 50deg , cbM	10	3.5	-	33	57
2537	ESO 499-39	Galaxy	Ant	12.2	Size: 2.7 eeF, L, cE	10	3.9	-	27	34
2538		Galaxy	Ant		Size: 1.6 vF, vS, R, cbM	10	3.9	-	34	48
2539		Galaxy			Size: 1.7 cF, vS, cE 30deg , vmbM	10	4.3	-	31	22
2540		Galaxy	LMi	15	Size: 0.8 F, vS, R, gbMN	10	6.9	+	31	28
2541		Galaxy	Hya	14	Size: 1.2 F, eE 5deg , vmbM	10	5.8	-	17	27
2542			LMi		F, pS, gblM	10	7.9	+	34	10
2543		Galaxy	LMi	16	F, S, R, N, r	10	8.4	+	37	50
2544		Galaxy	LMi	15	F, S, dif	10	8.4	+	33	21
2545			Ant		eF, eS, cE 25deg , 2 st	10	6.6	-	33	51
2546			Ant		vF, vS, R, bet 2 st	10	7.1	-	33	15
2547			LMi		F, S, R, dif	10	10.1	+	36	31
2548		Galaxy	Ant		Size: 2.4 eF, vS, R, bM, dif	10	7.9	-	35	14
2549			LMi		F, S, R, gvlbM	10	10.2	+	36	28
2550		Galaxy	LMi	15	Size: 1.1 F, cS, R, dif	10	10.4	+	27	57
2551		Galaxy	Leo	15	Size: 1.3 F, vS, R, stell	10	10.7	+	24	25
2552		Galaxy	Ant		Size: 1.8 cB, S, R, bM	10	10.8	-	34	51
2553	PK 285-5.1	Planetary Nebula	Car	13	Size: 0.2 PN , stellar	10	9.3	-	62	37
2554		Galaxy	Car		Size: 2.7 cF, S, cE 10deg , N, spir	10	8.9	-	67	2
2555		Galaxy	Ant		Size: 2.4 eF, vS, eE 45deg , cbM; = 315	10	11.7	-	31	39
2556		Galaxy	Ant		Size: 2.1 eF, S, stell N	10	12.6	-	34	44
2557		Galaxy	LMi	15	Size: 0.3 vF, vS, R	10	16.1	+	38	5
2558		Galaxy	Ant		Size: 1.6 cF, vS, cE 10deg , cbM	10	14.7	-	34	20
2559		Galaxy	Ant		Size: 1.8 eF, S, IE 10deg , cbM	10	14.8	-	34	4
2560		Galaxy	Ant		Size: 4.1 eF, pS, am 4 st	10	16.3	-	33	34
2561		Galaxy	LMi	15	Size: 1.1 F, S, E 200deg , gbM	10	19.1	+	34	40
2562		Galaxy	Leo	15	Size: 0.6 F, S, gbM, dif	10	18.8	+	16	8
2563		Galaxy	Ant		Size: 1.6 eF, vS, eE 110deg , eF* s	10	18.9	-	32	36
2564			LMi		F, S, R, gbM stell N	10	21.4	+	36	27
2565		Galaxy	LMi		F, vS, R, stell	10	21.3	+	27	56
2566		Galaxy	LMi	15	Size: 0.7 F, S, R, gbM, r	10	22.4	+	36	36
2567		Galaxy	Leo	16	Size: 0.7 F, vS, R, r	10	22	+	24	39
2568			LMi		F, S, R, N, r	10	22.5	+	36	38
2569			Leo		R, vS, R, stell	10	22.9	+	24	36
2570		Galaxy	Ant		Size: 1.3 eF, eS, mE 150deg , 3 st sf	10	21.6	-	33	37
2571		Galaxy	Ant		Size: 4.3 vF, cS, R, mbM, *9 f 9s ; = 3	10	21.6	-	34	16
2572		Galaxy	LMi	16	Size: 1.0 pF, S, iF	10	25	+	28	6
2573		Galaxy	Ant		Size: 1.5 eF, vS, eE 0deg	10	23.5	-	35	27
2574		Galaxy	UMa	10.6	Size: 12.3 vF, vL, iF	10	28.4	+	68	25
2575			Ant		eF, vS, R	10	25.4	-	32	39
2576			Ant		F, S, R	10	26	-	32	55
2577		Galaxy	LMi	15	Size: 0.5 F, cS, r, *12 nr	10	28	+	32	46
2578		Galaxy	Ant		Size: 1.4 eF, vS, eE 135deg	10	27.4	-	33	53
2579			Leo		pB, pL, E 260deg , bM; = 3251?	10	29.3	+	26	7
2580		Galaxy	Ant		Size: 2.1 cB, S, bM	10	28.3	-	31	31
2581	Cr 222	Open Cluster	Car	4.3	Size: 8. Cl, around *5.4m	10	27.4	-	57	38
2582		Galaxy	Ant		Size: 1.5 bM, indistinct (corner of pla	10	29.2	-	30	21
2583		Galaxy	Leo	15	Size: 0.3 F, vS, R, stell	10	31.2	+	26	3
2584		Galaxy	Ant		Size: 1.5 cB, bM	10	29.9	-	34	55
2585		Galaxy	Ant		Size: 2.7 cB, bM; = 3271	10	30.4	-	35	22
2586		Galaxy	Hya		Size: 1.6 pF, vS, R, 4 st nr sp	10	31	-	28	43
2587		Galaxy	Ant		Size: 2.4 cB, bM	10	31	-	34	34
2588		Galaxy	Ant		Size: 1.5 eeF, pL, R, D* nr sf	10	31.8	-	30	23
2589			Hya		eeF, eS, v diffic, *13 sf, *9 p 1'	10	32.1	-	24	3
2590		Galaxy	Leo	15	Size: 1.1 F, S, R, gbM, *12 close	10	36.3	+	26	58
2591		Galaxy	LMi	14	Size: 1.5 F, cS, E 200deg	10	36.6	+	35	2
2592		Galaxy	Vel		Size: 1.9 F, pL, cE 15deg , spir?; = 33	10	35.1	-	43	42
2593			Hya		eF, cS; *?	10	36.3	-	12	43
2594		Galaxy	Hya		Size: 2.2 eF, pS, R, bet 2 wide D st	10	36.1	-	24	19
2595			Sex		cB, eS, R, alm stell	10	37.6	-	11	7
2596		Galaxy	Car		Size: 1.4 eF, pS, bM	10	34.2	-	73	14
2597		Galaxy	Hya		Size: 3.0 pB, pS, D* nr p	10	37.8	-	27	5
2598		Galaxy	LMi	15	F, S, R, N, r	10	39.7	+	26	44
2599			Car		*8.5 in neb, 3324 f 6s , 6' s	10	37.4	-	58	37
2600		Galaxy	UMa	16	Size: 0.4 eF, S, v dif	10	46.7	+	72	19
2601		Galaxy	UMa	15	eF, pS, sev eF st inv	10	47.1	+	72	18
2602	Cr 229	Open Cluster	Car	1.9	Size: 50. Cl, co, incl theta Car	10	43.2	-	64	24
2603		Star	LMi		vF, pL, biN or D pf, bf	10	48.4	+	32	56

IC Objects

ObjectNum	Name	Type	Constellation	Magnitude	Info	RAHour	RAMinute	DecSign	DecDeg	DecMinute
2604		Galaxy	LMi		Size: 1.4 F, cS, dif	10	49.4	+	32	47
2605		?	LMi		eF, S, 0'.3 ssp 3395	10	49.8	+	32	58
2606		Galaxy	LMi	15	F, S, E ns, dif	10	50.3	+	37	57
2607		Galaxy	LMi	15	Size: 0.7 vF, vS, vlbM, diffic	10	50.3	+	38	0
2608		Galaxy	LMi		F, vS, R, *14 att	10	50.3	+	32	46
2609			Hya		vf, S, bM; = 3404	10	50.3	-	12	6
2610		?	LMi		vF, S, lbM, * 25" p	10	52.2	+	33	4
2611		Star	Leo		eF	10	52.7	+	10	7
2612		Galaxy	LMi		F, S, R, dif	10	53.6	+	32	46
2613			LMi		B, pL, E 200deg , gmbM dif N; = 3430	10	54.3	+	32	58
2614			UMa		vF, vS, R	11	1.6	+	38	48
2615			UMa		F, vS, R, lbM	11	2	+	37	56
2616		Galaxy	UMa	15	Size: 0.2 F, S, R, gbM, r	11	2.2	+	38	46
2617		Galaxy	UMa	15	Size: 0.8 F, S, R, FN	11	2.2	+	38	39
2618			LMi		vS neb?	11	2	+	27	46
2619		Galaxy	UMa	16	F, vS, R stell	11	2.2	+	37	57
2620		Galaxy	UMa	15	Size: 1.1 F, S, R, N, r	11	2.3	+	38	30
2621	PK 291-4.1	Planetary Nebula	Car		Size: 0.1 PN , stell, 10.5m	11	0.3	-	65	15
2622			Crt		eeF, eS, like D*	11	3.5	-	16	14
2623			Crt		vF, vS	11	3.8	-	20	6
2624		Galaxy	Crt		Size: 3.0 cB, pS, R, n of 2; = 3528	11	7.3	-	19	28
2625		Galaxy	Crt		Size: 1.5 eeF, vS, R, s of 2; = 3529	11	7.3	-	19	33
2626		Galaxy	Leo	16	F, vS, dif, diffic	11	9	+	26	55
2627	ESO 502-21	Galaxy	Crt	12	Size: 2.7 eF, L, R, stell N	11	9.9	-	23	44
2628		Galaxy	Leo	15	pF, pS, R, bM, spir	11	11.6	+	12	8
2629			Leo		F, S, R, bM	11	12.6	+	12	6
2630			Leo		F, vS, R, spir	11	12.7	+	12	19
2631			Cha		*9 in L neb	11	9.8	-	76	37
2632			Leo		F, S, R, bM	11	13.1	+	11	40
2633			Leo		F, cS, iF	11	13.2	+	11	36
2634		Galaxy	Leo	15	Size: 0.4 cB, cS, R, gbM	11	13.5	+	10	30
2635			Leo		F, S, stell N	11	13.5	+	11	28
2636			Leo		F, S, bM	11	13.6	+	11	27
2637		Galaxy	Leo	14	Size: 0.9 pB, cS, R, bM	11	13.8	+	9	36
2638		Galaxy	Leo	15	Size: 1.1 cB, pS, E 100deg , bM	11	13.9	+	10	34
2639			Leo		F, S, R, bM, spir	11	13.9	+	9	39
2640			Leo		F, S, iF	11	14.1	+	11	0
2641			Leo		F, S, iF	11	14.2	+	9	24
2642			Leo		vF, vS, R, bM, spir	11	14.2	+	10	16
2643			Leo		cF, S, R, bM	11	14.5	+	10	8
2644			Leo		F, S, R	11	14.5	+	10	46
2645		Galaxy	Leo	16	pF, S, R, bM	11	14.5	+	11	54
2646			Leo		vF, vS, iF	11	14.6	+	12	32
2647			Leo		eF, pL, iF	11	14.7	+	12	9
2648		Galaxy	Leo	16	cF, cS, R, bM	11	14.7	+	10	14
2649		Galaxy	Leo	15	Size: 0.6 pB, S, R, bM, spir	11	14.8	+	11	8
2650			Leo		F, S, bM, iF	11	14.9	+	13	51
2651			Leo		F, S, R, bM	11	14.9	+	12	15
2652			Leo		vF, S, R, bM, spir	11	14.9	+	12	27
2653			Leo		vF, S, R	11	14.9	+	10	33
2654			Leo		vF, S, E 120deg	11	15.1	+	12	30
2655			Leo		eF, S, iF	11	15.1	+	12	10
2656			Leo		vF, S, iF, E 120deg	11	15.1	+	12	23
2657			Leo		F, pL, dif, bet 2 st	11	15.2	+	13	42
2658		Star	Leo		vF, cS, R, bM	11	15.2	+	13	0
2659		Star	Leo		F, vS, R, bM, spir	11	15.5	+	12	53
2660			Leo		vF, S	11	15.5	+	12	26
2661		Galaxy	Leo	15	F, pS, E 100deg , bM	11	15.5	+	13	37
2662		Star	Leo		F, vS, R, bM	11	15.5	+	12	46
2663		Star	Leo		pB, vS, R, sbM *	11	15.6	+	12	36
2664		Star	Leo		F, vS, iE 80deg , bM	11	15.6	+	12	34
2665			Leo		vF, pL, iF, N, 2 st 13 att	11	15.7	+	11	43
2666		Galaxy	Leo	15	Size: 0.7 cB, cS, E 20deg , bM	11	15.7	+	13	47
2667			Leo		F, vS, R, bM, spir	11	15.7	+	12	7
2668		Galaxy	Crt	14	Size: 1.0 eF, S	11	15.5	-	14	11
2669			Leo		F, S, E 50deg , bM	11	15.9	+	13	26
2670			Leo		F, vS, R, bM, spir	11	16	+	11	47
2671			Leo		F, vS, R, bM	11	16.1	+	13	8
2672			Leo		F, vS, R, bM	11	16.1	+	10	10
2673			Leo		F, pL, iF, N, *11 f 1'	11	16.1	+	10	10
2674		Galaxy	Leo	15	Size: 1.4 F, pS, R, bM, spir	11	16.2	+	11	3
2675			Leo		F, vS, R	11	16.2	+	12	15
2676			Leo		F, S, iF, *11 sf 0'.5	11	16.3	+	9	50
2677			Leo		F, vS, R, bM, in L, E neby	11	16.3	+	12	13
2678			Leo		F, vS, E 110deg , bM	11	16.4	+	11	57
2679			Leo		F, S, R, bM, spir, *13 sp 20"	11	16.4	+	12	1
2680			Leo		cF, S, iF, N, *11 np	11	16.4	+	9	49
2681		Galaxy	Leo	15	cB, vS	11	16.6	+	11	12
2682			Leo		pF, S, E, bM	11	16.6	+	9	25
2683			Leo		F, pL, iF, N	11	16.9	+	12	6
2684		Galaxy	Leo	15	F, pS, R, bM	11	17	+	13	6
2685			Leo		F, vS, R, sbM *14	11	17	+	10	6
2686			Leo		F, S, iF, att *14 sf	11	17.1	+	12	57
2687			Leo		vF, vS, R, bM, spir	11	17.2	+	10	10

IC Objects

ObjectNum	Name	Type	Constellation	Magnitude	Info	RAHour	RAMinute	DecSign	DecDeg	DecMinute
2688			Leo		vF, S, E 30deg , bM	11	17.3	+	13	29
2689			Leo		F, S, E 40deg	11	17.3	+	12	58
2690			Leo		vF, S, iF, diffic	11	17.4	+	12	59
2691			Leo		F, S, R, mbM	11	17.4	+	12	2
2692			Leo		F, vS	11	17.6	+	10	46
2693			Leo		vF, S, R, bM	11	17.6	+	13	33
2694		Galaxy	Leo	15	pB, S, E 90deg , bM	11	17.6	+	13	23
2695			Leo		F, S, R, bM	11	17.8	+	13	44
2696			Leo		F, vS, R, bM	11	17.8	+	12	45
2697			Leo		F, S, iF, N, bet 2 st	11	17.9	+	13	24
2698			Leo		F, pS, iF, biN	11	17.9	+	11	53
2699			Leo		F, eS, R, bM	11	17.9	+	11	55
2700			Leo		vF, vS, iF, N	11	17.9	+	12	3
2701			Leo		F, vS, iF	11	18	+	11	7
2702			Leo		vF, S, E	11	18	+	9	25
2703		Galaxy	Leo		vF, S	11	18.1	+	17	39
2704		Galaxy	Leo	15	F, S, E 70deg , bM	11	18.1	+	12	28
2705			Leo		eF, eS, R, bM, diffic	11	18.1	+	11	54
2706			Leo		F, vS, E 60deg , bM	11	18.5	+	12	33
2707			Leo		F, vS, R, bM, spir, *13 sf	11	18.5	+	9	29
2708		Galaxy	Leo	15	pB, vS, R, bM	11	18.6	+	12	43
2709			Leo		eF, pL, iF, *13 n	11	18.7	+	12	34
2710			Leo		B, vS, R, bM	11	18.8	+	13	34
2711			Leo		F, vS, R, bM	11	18.8	+	13	44
2712			Leo		F, vS, R, bM	11	18.9	+	9	38
2713			Leo		cF, vS, R, bM	11	19.2	+	12	10
2714	Cr 245	Open Cluster	Car	8	Size: 12. Cl, pC	11	17.9	-	62	42
2715			Leo		vF, S, iF	11	19.2	+	11	57
2716			Leo		vF, S, iF	11	19.3	+	11	42
2717			Leo		vF, vS, R, bM, diffic	11	19.3	+	12	3
2718			Leo		F, vS, iF	11	19.4	+	12	1
2719			Leo		vF, S, iF, N	11	19.5	+	12	4
2720			Leo		cF, vS, R, bM	11	19.6	+	12	5
2721			Leo		eF, pS, dif	11	19.7	+	12	9
2722			Leo		F, S, iF	11	19.7	+	13	58
2723			Leo		F, vS, E 200deg , diffic	11	19.8	+	12	2
2724			Leo		cF, vF, R, bM, *13 p 20"	11	19.8	+	10	43
2725			Leo		vF, S, iF, diffic	11	20	+	13	26
2726		Star	Leo		vF, vS, iF, diffic	11	20	+	13	25
2727			Leo		F, vS, iF, N, diffic	11	20	+	12	2
2728		Star	Leo		vF, S, iF, N, diffic	11	20.1	+	13	25
2729			Leo		vF, S, iF, diffic	11	20.1	+	13	25
2730			Leo		F, eS, E 90deg , bM	11	20.1	+	12	22
2731		Star	Leo		F, S, R, bM, spir	11	20.2	+	13	34
2732			Leo		vF, S, R, bM	11	20.2	+	12	24
2733		Double Star	Leo		vF, cS, iF, N, *14 n	11	20.4	+	13	52
2734			Leo		F, S, iF, N	11	20.4	+	12	27
2735		Galaxy	UMa	15	Size: 1.2 pB, cS, E pF, N, r	11	21	+	34	21
2736			Leo		vF, S, iF, N	11	20.9	+	12	25
2737			Leo		F, cS, R, bM	11	21.1	+	14	18
2738		Galaxy	UMa		Size: 0.6 F, S, R, gbMN	11	21.3	+	34	22
2739			Leo		F, vS, annular?	11	21.2	+	11	55
2740			Leo		vF, S, dif, diffic	11	21.3	+	8	45
2741			Leo		vF, pS, iF, sev N	11	21.3	+	9	9
2742			Leo		F, S, iF	11	21.3	+	10	27
2743			Leo		F, vS, R, bM, spir	11	21.4	+	8	42
2744		Galaxy	UMa	15	Size: 0.4 F, S, gbM, r	11	21.7	+	34	22
2745		Galaxy	Leo	15	pB, Sp, E 70deg , bM, *12 att sf	11	21.5	+	13	26
2746			Leo		F, vS, R, bM	11	21.6	+	11	44
2747			Leo		vF, vS, iF, 2 st p	11	21.7	+	8	48
2748			Leo		F, vS, iF	11	21.7	+	8	48
2749		Galaxy	Leo	16	F, S, dif (D*?)	11	21.7	+	8	35
2750			Leo		vF, vS, iF	11	21.9	+	9	40
2751		Galaxy	UMa	16	F, S, R, 2 st 15 inv	11	22.1	+	34	23
2752		Nebula	Leo		Size: 0.3 F, S, R, bM	11	22	+	14	8
2753			Leo		cF, vS, R, bM	11	22	+	9	53
2754		Nebula	Leo		Size: 0.5 F, S, iF, N, diffic	11	22	+	14	9
2755		Star	Leo		F, vS, R, bM	11	22	+	13	48
2756			Leo		vF, vS, E 120deg , bM	11	22	+	9	58
2757		Galaxy	Leo	15	F, S, iF, N	11	22	+	8	24
2758		Galaxy	Leo	15	F, cS, R, bM, diffic	11	22	+	7	49
2759			Leo		cF, stell, *13 npp 2'.5	11	22.2	+	24	19
2760			Leo		vF, S, R, bM	11	22.2	+	12	40
2761		Nebula	Leo		Size: 0.1 F, S, R, bM, diffic	11	22.3	+	14	11
2762		Galaxy	Leo	15	cF, pS, mE 150deg , bM, *12 p	11	22.3	+	12	44
2763			Leo		cF, pS, E 95deg , long N	11	22.3	+	13	4
2764		Galaxy	Hya		Size: 1.7 pB, pS, R, *10 nr nf, *7 f	11	27.1	-	28	59
2765		Nebula	Leo		Size: 0.1 vF, vS, iF, N	11	22.4	+	14	13
2766			Leo		vF, S, iF	11	22.4	+	12	54
2767			Leo		vF, vS, iF	11	22.4	+	13	5
2768			Leo		vF, vS, iF, N	11	22.4	+	12	32
2769		Nebula	Leo		Size: 0.1 F, cS, R, bM	11	22.4	+	14	12
2770			Leo		F, S, iF	11	22.4	+	9	13
2771			Leo		vF, vS, iF, N, diffic	11	22.5	+	12	31

IC Objects

ObjectNum	Name	Type	Constellation	Magnitude	Info	RAHour	RAMinute	DecSign	DecDeg	DecMinute
2772			Leo		vF, eS, iF, N	11	22.5	+	13	36
2773			Leo		vF, S, viF, diffic	11	22.6	+	13	34
2774			Leo		vF, vS, iF, N, diffic	11	22.6	+	12	31
2775			Leo		vF, vS, iF, N, diffic	11	22.7	+	12	31
2776			Leo		pF, pS, R, bM, spir	11	22.7	+	13	20
2777		Galaxy	Leo	15	pF, vS, R, bM	11	22.7	+	12	2
2778			Leo		vF, vS, iF, N, diffic	11	22.7	+	12	31
2779			Leo		cF, eS, R	11	22.8	+	13	21
2780			Leo		F, vS, R, bM, *15 n 15"	11	22.8	+	10	9
2781			Leo		F, vS, iF, fainter one 2' nf	11	22.8	+	12	21
2782		Galaxy	Leo	15	Size: 1.1 cF, cS, R, bM	11	22.9	+	13	27
2783			Leo		F, vS, R, bM, spir	11	22.9	+	8	53
2784			Leo		pB, eS, R, bM, *13 p 20"	11	23.2	+	13	7
2785			Leo		pF, S, R, bM	11	23.3	+	13	23
2786			Leo		cF, S, E 110deg , bM	11	23.3	+	13	23
2787		Galaxy	Leo	15	Size: 1.0 cF, S, R, bM	11	23.3	+	13	39
2788			Leo		vF, S, R	11	23.4	+	12	42
2789		Double Star	Leo		pB, S, R, bM	11	23.5	+	14	11
2790			Leo		vF, S, iF	11	23.6	+	9	33
2791			Leo		vF, vS, iF, diffic	11	23.6	+	12	54
2792			Leo		F, S, R	11	23.7	+	11	24
2793			Leo		vF, S, iF, diffic	11	23.8	+	9	27
2794			Leo		F, eS, R, bM	11	24.1	+	12	48
2795			Leo		F, vS, R	11	24.1	+	12	8
2796			Leo		vF, S, iF	11	24.1	+	9	21
2797			Leo		F, vS, R, bM	11	24.4	+	11	42
2798			Leo		vF, S, iF, N, diffic	11	24.4	+	12	25
2799		Nebula	Leo		Size: 0.4 F, S, iF, N	11	24.4	+	13	51
2800			Leo		vF, S, R, bM	11	24.5	+	12	12
2801			Leo		F, S, R, bM, spir	11	24.5	+	10	11
2802			Leo		vF, vS, iF, N, v diffic	11	24.5	+	12	13
2803			Leo		F, vS, E 70deg	11	24.6	+	9	51
2804		Galaxy	Leo	15	Size: 0.8 pB, cS, E 10deg , exc N	11	24.9	+	13	13
2805		Star	Leo		vF, S, R, bM, diffic	11	25	+	14	1
2806			Leo		vF, S, iF; annular?	11	25.3	+	9	39
2807			Leo		F, S, iF, *14 att p	11	25.3	+	11	32
2808			Leo		vF, vS, R, bM, spir	11	25.5	+	9	8
2809			Leo		F, S, R, bM; spir?	11	25.6	+	8	32
2810		Nebula	Leo		Size: 1. pF, pS, R, bM, *14 sf	11	25.8	+	14	40
2811			Leo		F, S, iF, *14 f 30"	11	25.8	+	9	10
2812			Leo		F, S, E 10deg	11	25.9	+	11	32
2813			Leo		F, vS, R, bM, spir	11	26.1	+	11	15
2814			Leo		pF, vS, R, bM, *14 nf 30"	11	26.1	+	9	40
2815			Leo		F, eS, R, bM	11	26.3	+	12	48
2816			Leo		cF, vS, R, bM, spir	11	26.3	+	10	38
2817			Leo		F, vS, iF, N	11	26.3	+	9	9
2818			Leo		F, vS, R, bM	11	26.5	+	12	55
2819		Galaxy	Leo	16	cF, S, E 60deg , bM	11	26.5	+	13	51
2820			Leo		pF, vS, *16 att n	11	26.4	+	10	14
2821			Leo		F, S	11	26.6	+	13	58
2822		Galaxy	Leo	15	Size: 1.7 F, pL, E 110deg , bM, *14 s	11	26.6	+	11	26
2823		Galaxy	Leo	15	pF, S, E 20deg , biN?	11	26.7	+	12	50
2824			Leo		pF, S, R, bM	11	27.1	+	14	5
2825			Leo		F, S, iF, N, *15 att sf	11	27	+	8	27
2826		Galaxy	Leo	15	pF, cS, N	11	27.1	+	13	14
2827			Leo		F, eS, *14 sf	11	27.2	+	11	31
2828		Galaxy	Leo	15	Size: 1.0 pF, cS, E 65deg , bM 2 st p	11	27.2	+	8	43
2829		Galaxy	Leo	15	cF, vS, R, bM, spir, *12 s	11	27.2	+	10	18
2830		Galaxy	Leo	15	F, S, R, bM	11	27.4	+	7	48
2831			Leo		F, vS, R	11	27.4	+	8	59
2832			Leo		pF, S, R, bM	11	27.4	+	13	59
2833			Leo		vF, S, iF, diffic, *14 att(?) np	11	27.4	+	13	36
2834			Leo		vF, S, iF, diffic, other neb att f	11	27.5	+	13	34
2835			Leo		cF, vS, R, bM, *14 f	11	27.5	+	12	9
2836			Leo		F, vS, neb *15 n 1'	11	27.6	+	9	5
2837			Leo		cF, vS, R, bM, spir	11	27.7	+	10	19
2838			Leo		F, S	11	27.8	+	14	1
2839			Leo		vF, S, iF	11	27.8	+	10	49
2840			Leo		vF, S, iF, N	11	27.8	+	13	26
2841			Leo		F, vS, R, bM, diffic	11	27.8	+	12	36
2842			Leo		vF, S, iF	11	27.8	+	9	39
2843		Galaxy	Leo	15	F, cS, R, bM, diffic, *8.7 f 2'	11	28	+	13	11
2844			Leo		F, S, iF	11	28	+	11	27
2845			Leo		F, vS, iF, N	11	28	+	12	32
2846		Galaxy	Leo	15	Size: 0.8 pB, vS, R, bM, *12 f	11	28	+	11	9
2847			Leo		vF, vS, iF, diffic	11	28.1	+	13	56
2848			Leo		vF, S, iF	11	28.2	+	13	2
2849			Leo		pF, vS, R, bM	11	28.2	+	9	6
2850			Leo		pB, S, E 120deg , bM, *13 sf	11	28.2	+	9	4
2851			Leo		F, S	11	28.3	+	11	24
2852			Leo		F, vS, R, bM, spir; neb*?	11	28.2	+	9	48
2853		Galaxy	Leo	15	Size: 1.0 pB, pS, E 160deg , bM	11	28.3	+	9	8
2854			Leo		F, vS, R, bM, spir	11	28.3	+	8	58
2855			Leo		F, vS, iF, N	11	28.4	+	9	41

IC Objects

ObjectNum	Name	Type	Constellation	Magnitude	Info	RAHour	RAMinute	DecSign	DecDeg	DecMinute
2856		Galaxy	Crt	14	Size: 0.7 vF, vS, cE 30deg , cbM, susp	11	28.2	-	12	53
2857			Leo		F, pL, mE 160deg , bM	11	28.5	+	9	6
2858			Leo		F, S, R, bM	11	28.6	+	13	40
2859			Leo		cF, vS, R, bM	11	28.7	+	9	7
2860			Leo		vF, S, iF, N	11	28.7	+	14	2
2861		Galaxy	UMa	14	Size: 0.2 F, S, R, dif	11	29	+	38	51
2862			Leo		F, S, iF	11	28.7	+	10	8
2863			Leo		pF, vS, E 110deg , bM	11	28.9	+	9	6
2864			Leo		F, vS, iF	11	29	+	12	22
2865		Star	Leo		vF, S, dif	11	29	+	9	7
2866		Star	Leo		vS, vF, iF	11	29	+	9	3
2867			Leo		cF, S, iF, v diffic, *14 np	11	29	+	9	5
2868			Leo		vF, S, iF, N; = IC 698	11	29.1	+	9	6
2869			Leo		vF, S, R, bM, spir	11	29.1	+	9	1
2870		Galaxy	Leo	18	Size: 1.4 F, pL, dif, diffic	11	29.1	+	11	52
2871		Galaxy	Leo	15	Size: 0.7 F, cS, E 85deg	11	29.3	+	8	36
2872	RCW 60	Nebula	Cen		Size: 12. vL, mE, bM	11	29	-	62	57
2873		Galaxy	Leo	15	Size: 0.6 pF, cS, E 5deg , bM	11	29.5	+	13	12
2874		Open Cluster	Leo		F, pS, iF; Cl?	11	29.5	+	10	38
2875			Leo		F, vS, R, bM, *9 sp	11	29.6	+	12	59
2876			Leo		vF, S, dif	11	29.6	+	9	1
2877		Galaxy	Leo	16	F, S, R, lbM	11	29.6	+	12	51
2878			Leo		pF, vS, iF, N	11	29.6	+	9	58
2879			Leo		vF, S, dif	11	29.7	+	9	1
2880			Leo		pF, vS, R, bM	11	29.9	+	13	12
2881			Leo		F, vS	11	29.9	+	12	31
2882			Leo		vF, S, R, bM, diffic	11	30.2	+	11	59
2883			Leo		F, vS, R, bM	11	30.3	+	10	55
2884			Cha		eeF, eS, cE 145deg , susp	11	27.7	-	79	44
2885			Leo		F, vS, R, bM, spir	11	30.4	+	9	46
2886			Leo		F, vS, R, bM, spir, *12 sf	11	30.4	+	11	34
2887		Galaxy	Leo	15	F, pS, E, curved, *10 nf 1'	11	30.5	+	9	23
2888			Leo		pF, vS, E 130deg	11	30.6	+	9	55
2889			Crt		eF, vS, cE 165deg , bM, susp	11	30.6	-	13	5
2890			Leo		vF, S, iF, N	11	30.8	+	13	11
2891			Leo		F, S, iF, N, diffic	11	30.8	+	12	41
2892			Leo		F, vS, iF	11	30.8	+	10	35
2893		Galaxy	Leo	16	F, eS, E 345deg	11	30.9	+	13	23
2894		Galaxy	Leo	16	vF, cS, R, bM	11	31	+	13	13
2895			Leo		F, vS, R, bM	11	31	+	9	59
2896			Leo		pB, vS, annular?	11	31.2	+	12	21
2897			Leo		cF, vS, R, bM, *14 p	11	31.3	+	11	33
2898			Leo		vF, S, iF, *14 nf	11	31.3	+	13	20
2899			Leo		F, S, E 350deg ; st?	11	31.3	+	10	38
2900			Leo		vF, S, R, bM	11	31.5	+	13	10
2901			Leo		F, S, iF, N	11	31.5	+	12	42
2902			Leo		F, S, R, bM, diffic	11	31.6	+	14	13
2903			Leo		F, vS, iF, N	11	31.7	+	12	38
2904			Leo		FN in vF, dif neb	11	31.7	+	13	11
2905			Leo		vF, S, R, bM, *14 nf	11	31.8	+	9	6
2906			Leo		F, vS, R, bM	11	31.8	+	13	8
2907			Leo		vF, S, iF, N	11	31.8	+	9	54
2908			Leo		vF, S, iF, *13 sp	11	31.8	+	12	56
2909			Leo		vF, S, R, vlbM	11	31.8	+	11	28
2910		Galaxy	Crt	15	Size: 0.3 vF, vS, sbM *13	11	31.9	-	9	45
2911			Leo		vF, cS, iF, other nf	11	32.1	+	12	59
2912			Leo		F, S, R, bM, diffic	11	32.1	+	11	43
2913		Galaxy	Hya	14	Size: 0.4 B, pS, R, sf 3717	11	31.8	-	30	25
2914		Galaxy	Leo	15	F, S, R, bM	11	32.2	+	13	30
2915			Leo		F, cS, R, bM	11	32.3	+	14	29
2916			Leo		F, S, R, bM	11	32.3	+	11	41
2917			Leo		vF, pS, iF	11	32.3	+	10	57
2918			Leo		vF, S, E 100deg , bM	11	32.4	+	13	15
2919			Leo		pF, cS, R, bM	11	32.6	+	14	11
2920			Leo		F, vS, iF, N	11	32.8	+	12	34
2921			Leo		cF, S, R, bM, spir	11	32.8	+	10	18
2922			Leo		pB, vS, R, bM	11	32.9	+	12	55
2923			Leo		vF, cS, iF, N, diffic, *10 sf	11	32.9	+	13	10
2924			Leo		vF, S, iF, N, *11 nf	11	32.9	+	9	1
2925			UMa		F, S, R, gbM, biN	11	33.2	+	34	16
2926			Leo		pF, vS, R, stell N, spir	11	33.1	+	12	26
2927			Leo		vF, vS, iF	11	33.1	+	13	5
2928		Galaxy	UMa	15	Size: 1.2 F, cS, R, gbMN	11	33.5	+	34	18
2929			Leo		F, pS, dif	11	33.5	+	12	8
2930		Galaxy	Leo	16	F, cS, E 60deg , bM	11	33.7	+	10	5
2931			Leo		F, cS, N; neb*(?) 15m np 20"	11	33.8	+	12	28
2932			Leo		pB, S, R, bM	11	33.9	+	10	33
2933		Galaxy	UMa	15	Size: 1.4 F, cS, E ns, gbMN	11	34.2	+	34	18
2934		Galaxy	Leo	15	Size: 0.6 F, S, iF, *14 nf 0'.5	11	34.3	+	13	20
2935			Leo		cF, cS, E 130deg , bM	11	34.8	+	10	15
2936			Leo		F, S, R, bM	11	34.9	+	13	1
2937			Leo		F, S, R, bM	11	35.1	+	10	6
2938		Galaxy	Leo	15	cF, pS	11	35.6	+	13	41
2939			Leo		cF, S, R, bM	11	35.6	+	10	42

IC Objects

ObjectNum	Name	Type	Constellation	Magnitude	Info	RAHour	RAMinute	DecSign	DecDeg	DecMinute
2940		Double Star	Leo		eF, susp (not seen at Birr)	11	36	+	21	46
2941		Galaxy	Leo	15	Size: 0.8 F, pL R, bM, spir	11	36.2	+	10	3
2942			Leo		cF, cS, R, bM	11	36.2	+	11	49
2943		Galaxy	UMa	14.8	Size: 0.4 pF, S	11	36.7	+	54	51
2944	Cr 249	Cluster Nebulosity	Cen	4.5	Size: 75. *3.4 in eL neb	11	36.6	-	63	2
2945		Galaxy	Leo	15	Size: 1.2 pF, pS	11	37.1	+	12	55
2946		Galaxy	UMa	15	F, S, R, gvlbM	11	37.5	+	32	14
2947		Galaxy	UMa	15	Size: 0.6 F, cS, R, gbM, r	11	37.5	+	31	22
2948	RCW 62	Nebula	Cen		Size: 60. eeL	11	38.8	-	63	32
2949			Cen		no descr	11	40.9	-	46	29
2950		Galaxy	UMa	15	F, cS, IE pf, gbM, r	11	41.6	+	37	58
2951		Galaxy	Leo	15	Size: 1.4 *14 in neb	11	43.4	+	19	44
2952			UMa		pF, S, dif, vlbM	11	44.3	+	33	20
2953			UMa		F, cS, dif, vlbM	11	44.4	+	33	20
2954		Galaxy	Leo	15	Size: 1.3 F, S, R, gbM, stell	11	45.2	+	26	46
2955		Galaxy	Leo	14	Size: 1.3 eF, close to 3862	11	45.1	+	19	36
2956		Galaxy	Leo	15	Size: 1.3 pF, cS, lbM	11	45.2	+	26	46
2957			UMa		F, S, R, *14 nr f	11	45.6	+	33	18
2958		Galaxy	UMa	16	Size: 0.5 F, S, dif	11	45.7	+	33	9
2959		Galaxy	UMa	15	Size: 1.1 vF, S, R, r	11	46.1	+	33	6
2960		Galaxy	UMa	16	F, S, dif, vlbM	11	46.3	+	34	59
2961		Galaxy	UMa	15	F, S, R, lbM	11	47.8	+	31	21
2962			Crt		eF, cL, iR, 2 st n, f	11	49.1	-	12	19
2963		Galaxy	Vir	14	Size: 1.1 v diffio, *12 npp 20"	11	49.4	-	5	7
2964			Leo		eeF, eF * 3s f, 3' s	11	49.8	+	12	2
2965		Galaxy	Crt		Size: 2.5 B, S, vmE, ray; = 3957	11	54	-	19	34
2966	ESO 94-EN8	Nebula	Mus		Size: 3. pL, bM	11	50.4	-	64	54
2967		Galaxy	UMa	15	Size: 0.3 pB, vS, stell N	11	50.8	+	30	52
2968		Galaxy	Leo	14	Size: 0.4 eF, vS, 3937 f 12s	11	52.6	+	20	36
2969		Galaxy	Vir		eF, pS, R, B* f 55s , np of 2	11	52.6	-	3	52
2970		Triple Star	Crt		pB, S, R, 3955 f	11	53.2	-	23	7
2971		Galaxy	UMa	16	F, S, R, psbM	11	53.5	+	30	41
2972		Galaxy	Vir	14	Size: 0.9 vF, pS, R, 2 B st n, np, sf o	11	53.7	-	3	59
2973		Galaxy	UMa	14	Size: 1.5 F, cS, dif	11	53.8	+	33	21
2974		Galaxy	Vir		Size: 2.8 eeF, vS, IE	11	53.9	-	5	9
2975			Vir		eeF, vS, IE, 3 B st in line n, circle of	11	54.2	-	5	47
2976			Vir		vF, vS, R, vF* nr nf	11	54.5	-	2	43
2977		Galaxy	Cen		Size: 2.0 eF, vS, *7 sp	11	55.2	-	37	42
2978	UGC 6915	Galaxy	UMa	15	Size: 1.1 vF, S, v dif	11	56.4	+	32	1
2979			UMa		F, S, R, lbM, r	11	56.9	+	33	9
2980		Galaxy	Mus		Size: 2.0 eeF, eS, R, cbM	11	57.5	-	73	41
2981			UMa		F, S, R, gvlbM	11	57.8	+	33	11
2982			Leo		vF, stell, *10 nr	11	57.8	+	27	49
2983		Star	Vir		eF	11	58.3	-	2	5
2984			UMa		F, cS, R, vlbM	11	59.1	+	30	42
2985			UMa		pF, S, dif	11	59.2	+	30	44
2986		Galaxy	UMa	15	Size: 0.6 F, vS, R, N, r	11	59.8	+	30	52
2987		Galaxy	UMa		F, S, N, dif	12	3.4	+	38	49
2988			Vir		eF, r, *11.5 sf 2'.7	12	3.7	+	3	24
2989		Galaxy	Vir	14	Size: 1.1 vF, S, bM or 2 or 3 eF st inv	12	4.7	+	1	47
2990		Galaxy	Vir	15	Size: 0.6 eF, R, poss PN	12	4.7	+	11	2
2991			Vir		eF, S, E 10deg , bet 4082 and 83	12	5.1	+	10	37
2992			UMa		F, S, R, gbMN, r	12	5.2	+	30	21
2993			UMa		F, S, N, dif, r	12	5.2	+	32	52
2994		Galaxy	Vir	16	eF, R, bM	12	5.5	+	12	41
2995	ESO 440-50	Galaxy	Hya	13	Size: 3.1 vF, L, cE 120deg , *8 f	12	5.8	-	27	56
2996		Galaxy	Hya	14	Size: 0.8 F, vS, E 20deg , * sp	12	5.9	-	30	0
2997			Com		eF, *12 sf 2'; = 4090?	12	5.8	+	20	17
2998			Com		vF, others near	12	5.9	+	20	45
2999		Galaxy	UMa	16	vF, vS, N	12	5.9	+	31	21
3000			Hya		F, indistinct (defect?)	12	6.1	-	29	41
3001		Galaxy	UMa	15	Size: 0.7 F, S, R, gbM	12	6.2	+	33	31
3002		Galaxy	CVn	15	Size: 0.5 F, cS, R, gbM, r	12	7.1	+	33	22
3003			Com		F, S, dif, N, r	12	7.1	+	32	51
3004		Galaxy	Vir	16	Size: 0.9 R, bM, mag 15	12	7.2	+	13	14
3005		Galaxy	Hya		Size: 2.2 F, S, eE 160deg , stell N	12	7.2	-	30	1
3006			Vir		R, bM, mag 15	12	7.4	+	12	59
3007		Galaxy	Com	15	vF, vS, diffio	12	7.4	+	31	21
3008		Galaxy	Com	15	Size: 0.8 R, bM, mag 13.5	12	8	+	13	33
3009		?	Vir		pB, cS	12	8	+	12	39
3010		Galaxy	Hya		Size: 1.9 eF, cS, R, 2 st 10 sf 8'	12	7.9	-	30	20
3011		Galaxy	Vir	12	Size: 3.8 pF, pS, E 110deg ; = 4124	12	8.2	+	10	22
3012		Galaxy	Vir	15	R, PN ?, mag 15	12	8.5	+	11	10
3013		Galaxy	Vir	15	Size: 0.8 bM, mag 15	12	8.5	+	10	1
3014		Galaxy	CVn	14	Size: 1.1 pB, cS, R, gbM, r	12	8.5	+	38	49
3015		Galaxy	Hya		Size: 3.0 pB, mE 45deg , *10.5 sf 1'	12	9	-	31	31
3016		Galaxy	Vir	16	S, R, bM	12	9.4	+	11	25
3017			Com		R, bM, dif, mag 14.5	12	9.4	+	13	36
3018		?	Com		R, lbM, mag 13.5	12	9.5	+	14	4
3019		Galaxy	Com		R, bM, dif, mag 14.5	12	9.4	+	14	0
3020			Com		R, bM, mag 14	12	9.6	+	14	13
3021		Galaxy	Vir	15	Size: 1.8 R, bM, v dif, mag 14.5	12	10	+	13	1
3022		Galaxy	CVn	14	Size: 0.2 pB, pS, gbM	12	9.9	+	38	43
3023			Com		R, bM, dif, mag 15	12	10.1	+	14	21

IC Objects

ObjectNum	Name	Type	Constellation	Magnitude	Info	RAHour	RAMinute	DecSign	DecDeg	DecMinute
3024		Galaxy	Vir	15	Size: 1.2 R, bM, mag 13.5	12	10.3	+	12	18
3025		Galaxy	Vir	15	Size: 0.4 S, E, bM	12	10.4	+	10	11
3026		Star	Hya		vF, vS, mE 40deg , bet 2 st	12	10.6	-	29	56
3027		?	Com		bM, mag 14	12	10.5	+	14	11
3028			Vir		bM, mag 15	12	10.5	+	11	45
3029		Galaxy	Com	15	Size: 1.5 E 35deg , mag 13.5	12	10.8	+	13	19
3030			Com		R, bM, mag 14	12	11.1	+	14	8
3031			Vir		vF, wisp at 35deg	12	11.1	+	13	18
3032		Galaxy	Com	15	R, bM, mag 13.5	12	11.1	+	14	16
3033		Galaxy	Com	15	Size: 1.2 bM, wisps ns 0'.5, mag 13.5	12	11.1	+	13	35
3034			Com		vF, E, bM	12	11.9	+	14	11
3035			Vir		F, cS; = 4165	12	12.2	+	13	15
3036		Galaxy	Vir	15	Size: 1.8 vF, spir	12	12.2	+	12	28
3037		Galaxy	Vir	15	R, PN ?, mag 16	12	12.4	+	9	59
3038		Galaxy	Vir	16	R, bM, PN ?, mag 16	12	12.6	+	11	20
3039		Galaxy	Vir	15	Size: 1.0 S, R, bM	12	12.5	+	12	18
3040		Galaxy	Vir	16	Size: 0.6 R, PN ?, mag 16	12	12.7	+	11	4
3041			Vir		S, E	12	12.7	+	12	44
3042			Vir		pF, cL; = 4178	12	12.8	+	10	52
3043			Vir		cS, E ns, mag 15	12	12.8	+	10	0
3044		Galaxy	Com		Size: 2.1 F, stell	12	12.8	+	13	59
3045		?	Vir		pF, cS, Ns = 10.5m	12	13	+	12	47
3046		Galaxy	Vir	15	Size: 1.2 vF, pS, spir	12	13.1	+	12	55
3047			Vir		R, bM, mag 14.5	12	13.3	+	12	58
3048		Double Star	Vir		F, S; *13?	12	13.4	+	13	4
3049		Galaxy	Com	16	Size: 1.1 R, PN ?, mag 16	12	13.5	+	14	29
3050		Galaxy	Com	13	Size: 2.0 pB, cL, gbM; = 4189	12	13.7	+	13	26
3051			Vir		pB, pS; = 4193	12	13.9	+	13	10
3052			Vir		R, PN ?, mag 16.5	12	13.9	+	12	40
3053			Com		R, bM, PN ?, mag 16	12	14	+	14	12
3054			Com		R, PN ?, mag 16.5	12	14.3	+	13	31
3055			Vir		bM, mag 15	12	14.4	+	12	4
3056		?	Com		pL, vmE 50deg	12	14.6	+	13	47
3057			Cen		cF, S, R (defect?)	12	15	-	44	29
3058			Com		R, PN ?, mag 16	12	14.9	+	14	4
3059		Galaxy	Com		Size: 1.7 vF, spir, doubtful	12	14.9	+	13	28
3060		Galaxy	Vir	15	Size: 0.3 vF, S, IE 0deg ; *14?	12	15	+	12	31
3061	UGC 7255	Galaxy	Com	13.6	Size: 2.3 F, pL, spir	12	15.1	+	14	2
3062		Galaxy	Com	15	Size: 1.0 F, S	12	15.1	+	13	35
3063		Galaxy	Vir	15	Size: 1.0 bM, mag 14.5	12	15.1	+	12	0
3064		Galaxy	Vir	13	Size: 5.3 cF, cL, E 5deg ; = 4206	12	15.2	+	13	1
3065		Nebula	Com		Size: 0.5 R, PN ?, mag 14	12	15.2	+	14	26
3066		Galaxy	Com	15	Size: 1.0 pL, E 160deg , spir	12	15.3	+	13	28
3067		Galaxy	Com	15	vF, vS, stell	12	15.2	+	23	57
3068			Vir		bM, mag 16	12	15.4	+	11	30
3069			Vir		bM, mag 15.5	12	15.4	+	10	10
3070		Star	Vir		vF, vS	12	15.4	+	13	2
3071		?	Vir		eF, eS	12	15.5	+	9	33
3072		?	Vir		eF, eS, ?	12	15.6	+	9	33
3073		Galaxy	Com	16	Size: 1.0 bM, mag 16	12	15.6	+	13	36
3074	UGC 7279	Galaxy	Vir	14	Size: 2.3 cF, pL, E 170deg	12	15.7	+	10	41
3075		Galaxy	Com	15	Size: 0.7 F, vS, R, stell	12	15.8	+	23	35
3076		?	Vir		vF, vS	12	16.1	+	9	5
3077		Nebula	Com		Size: 0.2 bM, mag 15	12	16.1	+	14	24
3078			Vir		bM, mag 14	12	16.1	+	12	39
3079		Galaxy	Vir	15	bM, mag 14	12	16.1	+	11	31
3080		Nebula	Com		Size: 0.3 bM, mag 14	12	16.2	+	14	13
3081			Vir		bM, mag 15	12	16.2	+	12	40
3082			Com		vF, vS, dif, *5 n 6'	12	16.2	+	23	51
3083		?	Vir		bM, mag 15	12	16.4	+	12	35
3084		Galaxy	Com	16	Size: 0.4 F, vS, R, dif	12	16.3	+	23	54
3085		Star	Vir		cF, vS, = *13	12	16.4	+	9	28
3086		?	Vir		eF, vS	12	16.5	+	9	1
3087		Double Star	Vir		F, S, eE 30deg , neb?	12	16.5	+	13	17
3088		Star	Vir		vF, vS, = *14	12	16.5	+	9	28
3089		Galaxy	Com	16	Size: 0.4 vF, S, vlbM, dif	12	16.4	+	23	49
3090		Double Star	Vir		vF, vS	12	16.5	+	9	26
3091		Double Star	Com		bM, mag 14	12	16.6	+	13	59
3092			Vir		bM, mag 15.5	12	16.6	+	10	3
3093		Nebula	Com		bM, mag 14	12	16.7	+	14	17
3094		Galaxy	Com	14	Size: 0.6 F, S, bM	12	16.9	+	13	37
3095		Galaxy	Com	16	Size: 0.5 pF, S, vIE pf, bM, *5 p 35s ,	12	16.9	+	23	56
3096		Nebula	Com		Size: 1. bM, mag 14.5	12	16.9	+	14	31
3097		Galaxy	Vir	15	vF, S, lbM	12	17	+	9	24
3098			Vir		pF, pS, E 45deg ; = 4235	12	17.2	+	7	12
3099		Galaxy	Vir	15	Size: 2.1 vF, pL, IE 0deg	12	17.1	+	12	27
3100			Vir		bM, wisps 45deg ?, mag 14.5	12	17.2	+	12	15
3101		Galaxy	Vir	15	bM, mag 15	12	17.3	+	11	56
3102			Vir		pF, pS, *?; = 4241	12	17.4	+	6	41
3103		Star	Vir		vF, vS, stell	12	17.5	+	9	22
3104		Galaxy	Cha		Size: 4.7 eeF, cS, or vS Cl, *12 sp 0'.	12	18.8	-	79	44
3105		Galaxy	Vir	15	Size: 1.8 vF, pS, E 40deg	12	17.6	+	12	23
3106			Vir		vF, vS, E 95deg	12	17.8	+	9	37
3107		Galaxy	Vir	14	Size: 1.5 F, vS, IE, mbM	12	17.8	+	10	50

IC Objects

ObjectNum	Name	Type	Constellation	Magnitude	Info	RAHour	RAMinute	DecSign	DecDeg	DecMinute
3108			Com		R, bM, mag 14	12	17.8	+	13	21
3109			Vir		bM, mag 14	12	17.8	+	13	8
3110			CVn		vF, S, dif	12	17.7	+	37	23
3111		Galaxy	Vir	15	eF, S?	12	17.8	+	8	26
3112		Galaxy	Com		Size: 1.3 F, S, iF, N	12	17.8	+	26	1
3113			Vir		cF, pL, E; = 4246	12	18	+	7	11
3114		?	Vir		cF, vS, stell	12	17.9	+	9	8
3115	UGC 7333	Galaxy	Vir	13.1	Size: 1.7 vF, pL, E	12	18	+	6	39
3116			Com		vF, cS, R, bM	12	18	+	25	5
3117		?	Vir		eF, S, E 30deg	12	18.1	+	9	4
3118		Galaxy	Vir	15	Size: 1.6 vF, cS, IE, dif	12	18.2	+	9	30
3119		Galaxy	Com	15	pF, cS, R, bM	12	18.1	+	24	41
3120			Com		R, bM, mag 14.5	12	18.4	+	13	42
3121			Vir		eF, IE, mag 15	12	18.4	+	13	14
3122		Galaxy	Com	15	Size: 1.5 pF, pL, E 150deg, pLN	12	18.3	+	25	13
3123		Star	Vir		neb, or *	12	18.4	+	8	4
3124		Star	Vir		cF, S, = *13	12	18.5	+	9	35
3125			Com		F, S, R, bM	12	18.4	+	24	22
3126			Com		R, bM, mag 15	12	18.6	+	13	48
3127		Galaxy	Vir	16	Size: 0.6 R, bM, mag 16	12	18.5	+	11	51
3128			Vir		IE, D?, mag 14.5	12	18.7	+	11	43
3129		Star	Vir		vF, eS, = *14	12	18.7	+	9	36
3130		?	Vir		eF, pS, mE 140deg, ?	12	18.8	+	8	14
3131		Galaxy	Vir	15	Size: 0.6 vF, S	12	18.8	+	7	51
3132			Vir		vF, S, stell; = IC 3131	12	18.8	+	7	52
3133		?	Vir		eF, S, dif	12	18.9	+	7	39
3134		Galaxy	Vir	15	vF, vS, E 0deg	12	18.9	+	8	58
3135			Com		vF, S, iF	12	18.9	+	27	30
3136		Galaxy	Vir		Size: 1.2 F	12	19	+	6	11
3137			Vir		pL, E 45deg	12	19	+	12	27
3138			Vir		R, bM, mag 15.5	12	19	+	12	25
3139		Star	Vir		eF, vS	12	19	+	9	8
3140			Com		vF, pS, iF, dif	12	19	+	27	8
3141		Galaxy	Com	16	F, S, R, bM	12	18.9	+	24	11
3142		Nebula	Com		R, bM, mag 14.5	12	19.1	+	13	59
3143		Galaxy	Com	16	vF, S, R	12	19.1	+	27	18
3144			Com		vF, S, R, bM	12	19.2	+	25	18
3145			Com		F, S, R, bM	12	19.2	+	24	18
3146			Com		eF, S, iF	12	19.2	+	25	43
3147			Vir		vF, vS, stell	12	19.3	+	12	1
3148		Galaxy	Vir	15	Size: 0.8 vF, S	12	19.3	+	7	52
3149		Galaxy	Vir	16	Size: 0.5 vF, vS	12	19.3	+	12	18
3150		?	Vir		vF, S	12	19.5	+	7	48
3151			Vir		R, bM, mag 13.5	12	19.5	+	9	24
3152		Galaxy	Hya		Size: 2.0 pB, S, R, 4 st sf, *8 np	12	19.6	-	26	9
3153		Galaxy	Vir	15	vF, S, 4273 f	12	19.6	+	5	23
3154			Com		F, S, R, bM	12	19.6	+	25	35
3155		Galaxy	Vir		Size: 1.1 cF, S, sbM; vF st inv?	12	19.8	+	6	0
3156		Galaxy	Vir	15	Size: 0.6 vF, vS	12	19.7	+	9	9
3157		Galaxy	Vir	15	R, bM, mag 14	12	19.7	+	12	25
3158		Star	Vir		eF, cS, ??	12	19.8	+	9	18
3159			Vir		R, mbM, mag 15	12	19.9	+	11	39
3160		Star	Vir		eF, cS	12	20	+	9	6
3161		Double Star	Vir		eF, vS, *, conn w f one	12	20	+	9	0
3162		Double Star	Vir		eF, vS, *, conn w p one	12	20	+	9	0
3163		Double Star	Vir		neb or *?	12	20	+	9	15
3164			Com		eF, S, iF; D*?	12	20.1	+	24	57
3165		Galaxy	Com	15	Size: 2.0 F, cS, iF, lbM	12	20	+	27	58
3166			UMa		eeF, S, p of 2	12	19.9	+	60	42
3167		Galaxy	Vir	15	vF, vS, IE 65deg, bM	12	20.2	+	9	32
3168		Galaxy	Com	16	F, cS, E 45deg, bM	12	20.3	+	27	55
3169			Com		vF, vS, R, bM	12	20.4	+	26	36
3170		Galaxy	Vir	15	Size: 0.4 F, S, R, bM	12	20.4	+	9	25
3171		Galaxy	Com	15	Size: 0.3 pB, S, R, bM	12	20.3	+	25	32
3172			Com		vF, S, iF	12	20.4	+	27	49
3173		Galaxy	Vir	16	R, bM, mag 13	12	20.5	+	11	20
3174		Galaxy	Vir	16	eF, vS, *13 att sp	12	20.4	+	10	14
3175		Galaxy	Vir	15	R, bM, mag 13	12	20.4	+	9	50
3176			Com		vF, vS, R, bM	12	20.5	+	25	31
3177			Com		L, vmE 45deg, 2'.5 l	12	20.6	+	14	7
3178			Com		F, vS, iF, N	12	20.6	+	26	10
3179			Com		F, vS, iF, N	12	20.6	+	26	10
3180			UMa		vF, pL, R, *7.5 s, f of 2	12	20.4	+	60	42
3181			Com		pF, pL, IE 150deg; = 4286	12	20.7	+	29	21
3182		Triple Star	Vir		vF, S, biN	12	20.8	+	12	44
3183		Star	Vir		vF, cS, st?	12	20.8	+	6	41
3184		Galaxy	Com	16	pF, cS, E 40deg, bM	12	20.7	+	24	55
3185			Com		F, vS, R, bM	12	20.9	+	25	26
3186		Galaxy	Com	15	Size: 0.4 pB, S, R, bM	12	20.9	+	24	40
3187		Galaxy	Vir	16	vIE, bM, mag 14.5	12	20.9	+	11	10
3188		Galaxy	Vir	15	Size: 0.4 R, bM, mag 13.5	12	20.9	+	11	1
3189			Com		F, vS, R, bM	12	20.9	+	25	26
3190		Star	Vir		eF, eS	12	21	+	9	34
3191		?	Vir		vF, vS, R	12	21.1	+	7	42

IC Objects

ObjectNum	Name	Type	Constellation	Magnitude	Info	RAHour	RAMinute	DecSign	DecDeg	DecMinute
3192			Vir		lbM, PN ?, mag 15	12	21.1	+	11	44
3193		Galaxy	Com	16	Size: 0.8 F, S, iF; D*?	12	20.9	+	27	54
3194			Com		F, vS, R, bM	12	21.2	+	25	8
3195			Com		vF, S, iF	12	21.3	+	25	48
3196			Vir		bM, mag 14	12	21.5	+	11	44
3197			Com		F, vS, R, bM	12	21.4	+	25	27
3198			Com		eF, S, iF	12	21.5	+	26	22
3199		Galaxy	Vir	15	Size: 1.1 R, bM, mag 14	12	21.7	+	10	36
3200			Com		vF, S, iF, N	12	21.6	+	26	46
3201			Com		vF, S, R, bM	12	21.7	+	25	43
3202			Com		eF, S, iF	12	21.7	+	27	3
3203		Galaxy	Com	16	Size: 1.5 pF, S, E 150deg	12	21.7	+	25	53
3204			Com		F, S, E	12	21.8	+	24	15
3205			Com		cF, S, iF, N	12	21.8	+	26	20
3206			Com		cF, S, iF, N	12	21.8	+	26	22
3207			Com		F, S, E 100deg	12	21.9	+	24	21
3208			Vir		F, pL, vmE 70deg	12	22	+	11	57
3209		Galaxy	Vir	15	pL, E 140deg, sbM *, spir	12	22.1	+	11	45
3210		Galaxy	Com	15	F, S, R, bM, spir	12	22	+	28	26
3211		Galaxy	Vir	15	Size: 1.1 eF, S	12	22.1	+	8	59
3212		Galaxy	Com	16	F, S, R, glbM	12	22.1	+	28	11
3213		Galaxy	Com	16	pF, S, R, bM, *12 att np	12	22.1	+	23	52
3214			Com		vF, vS, R, bM	12	22.2	+	27	14
3215		Galaxy	Com	16	Size: 2.0 vF, pS, E 95deg, bM	12	22.1	+	26	3
3216			Com		F, vS, R, bM	12	22.2	+	25	17
3217			Com		cF, S, R, bM, spir	12	22.2	+	26	23
3218		Galaxy	Vir	16	Size: 0.6 vF, pL, biN?	12	22.2	+	6	55
3219			Com		eF, vS, R, bM, spir	12	22.3	+	25	57
3220			Vir		R, bM, mag 14.5	12	22.4	+	10	35
3221			Com		eF, S, iF, v diffic	12	22.3	+	25	17
3222		Galaxy	Com	16	Size: 1.1 F, cS, dif	12	22.3	+	28	50
3223		Star	Vir		vF, pS, am 3 vF st	12	22.5	+	9	29
3224			Vir		R, bM, mag 14.5	12	22.6	+	12	9
3225			Vir		F, S; st?	12	22.6	+	6	41
3226			Com		vF, vS, bM *, spir	12	22.6	+	26	4
3227			Com		F, S, iF	12	22.6	+	24	5
3228			Com		F, vS, E 150deg, bM	12	22.7	+	24	20
3229			Vir		eF, cS, dif, ?	12	22.7	+	6	41
3230			Com		F, vS, iF	12	22.7	+	27	45
3231			Com		pF, S, iF, bM	12	22.7	+	24	49
3232			Com		F, eS, neb*	12	22.8	+	24	26
3233			Vir		R, bM, mag 15	12	22.9	+	12	34
3234			Com		F, S, R, bM	12	22.9	+	28	7
3235			Com		lE, bM, mag 15	12	23	+	13	32
3236			Vir		R, bM, mag 14	12	23	+	10	5
3237			Com		F, cS, iF, eFN, att *14 sp	12	23	+	28	30
3238		Galaxy	Com	15	Size: 0.6 R, bM, 14m	12	23.1	+	14	25
3239		Galaxy	Vir	16	E, lbM, mag 15	12	23.1	+	11	43
3240			Vir		R, bM, mag 15	12	23.2	+	10	20
3241			Com		F, vS, R, bM	12	23.1	+	26	54
3242			Com		vF, S, iF	12	23.2	+	26	15
3243		Galaxy	Com	16	F, S, iF, dif	12	23.2	+	27	45
3244		Galaxy	Com		Size: 0.7 R, bM, mag 14	12	23.2	+	14	23
3245		?	Vir		vF, pL, bM; defect?	12	23.3	+	9	7
3246			Vir		eF, pL, vmE 145deg, ?	12	23.3	+	13	3
3247		Galaxy	Com	16	Size: 2.4 pF, pS, E 170deg, bM	12	23.3	+	28	53
3248			Com		eeF, S, R, bM	12	23.3	+	25	33
3249			Com		eeF, S, iF	12	23.3	+	25	27
3250			Com		eeF, S, R, bM	12	23.3	+	25	38
3251			Com		eeF, S, R, bM	12	23.3	+	25	39
3252		Open Cluster	Com		F, S, iF; Cl?	12	23.4	+	28	37
3253	ESO 380-24	Galaxy	Cen	12	Size: 3.3 eF, vL, mE 20deg, lbM	12	23.7	-	34	38
3254			Com		B, S, R, PN; = 4336	12	23.5	+	19	27
3255		Galaxy	Vir	15	R, bM, mag 13	12	23.6	+	9	37
3256		Galaxy	Vir	12.6	Size: 1.4 *12 in S neb (= 4341 or 42?)	12	23.7	+	7	3
3257		?	Vir		eF	12	23.7	+	7	16
3258		Galaxy	Vir	14	Size: 1.9 cF, cS, R, exc N s	12	23.7	+	12	28
3259	UGC 7469	Galaxy	Vir	13.6	Size: 1.8 F, cS, R, bM	12	23.8	+	7	11
3260		Galaxy	Vir	13.3	Size: 1.9 F, cS, R, bM	12	23.9	+	7	7
3261			Vir		pS, F* M, spir, doubtful	12	23.9	+	11	28
3262		Open Cluster	Com		F, S, iF, Cl?	12	23.8	+	27	24
3263		Galaxy	Com	15	Size: 0.6 pF, S, R, bM, spir, 2nd sp at	12	23.8	+	28	12
3264			Com		vF, S, R, bM	12	23.9	+	25	34
3265		?	Vir		pF, S, N; *?	12	24	+	7	48
3266			Vir		cF, S, biN, st?; = 4353	12	24	+	7	47
3267	UGC 7474	Galaxy	Vir	13.5	Size: 1.1 pF, cS, R	12	24.1	+	7	3
3268	UGC 7477	Galaxy	Vir	14	Size: 0.7 pB, *?	12	24.1	+	6	36
3269			Com		eF, S, iF	12	24.1	+	27	26
3270			Com		vF, vS, iF	12	24.1	+	27	35
3271		Galaxy	Vir	15	Size: 1.1 eF, pS, dif, ??	12	24.2	+	7	57
3272			Com		vF, S, iF, *13 att n	12	24.2	+	23	18
3273			Vir		cF, pL, E 48deg, *10.5 inv; = 4356	12	24.3	+	8	32
3274		Galaxy	Vir	14	Size: 1.4 eF, vS, ?	12	24.3	+	9	17
3275			Vir		R, bM, mag 14.5	12	24.3	+	10	25

IC Objects

ObjectNum	Name	Type	Constellation	Magnitude	Info	RAHour	RAMinute	DecSign	DecDeg	DecMinute
3276			Com		vF, vS, R, bM	12	24.2	+	25	49
3277			Com		eF, cS, dif	12	24.3	+	25	34
3278			Com		vF, S, iF, N	12	24.3	+	27	25
3279		Star	Vir		pF, S; 2 st?	12	24.4	+	12	51
3280		Galaxy	Vir	15	Size: 0.7 S, R, bM, mag 15.5	12	24.4	+	13	14
3281		?	Vir		pB, pS, N, stell	12	24.5	+	7	49
3282			Com		eF, vS, R, bM	12	24.5	+	25	40
3283			Com		vF, S, R, bM, spir	12	24.5	+	27	13
3284			Vir		vS, R, bM, mag 14	12	24.6	+	10	49
3285			Com		vF, vS, R, bM, in dif neb E 25deg	12	24.6	+	24	52
3286			Com		S, pR	12	24.6	+	23	45
3287			Com		eF, cS, iF, in dif neby	12	24.6	+	24	36
3288			Com		vF, vS, R, bM	12	24.7	+	24	57
3289		Galaxy	Hya	14	Size: 0.8 eF, vS, R, v diffic, *7 nf, *	12	25	-	26	2
3290		Galaxy	Cen		Size: 1.6 pF, vS, R, * att, 4373 f	12	25.2	-	39	47
3291			Vir		R, bM, mag 14	12	24.9	+	12	0
3292		Galaxy	Com	15	F, vS, R, bM	12	24.8	+	18	11
3293			Com		F, eS, R, PN	12	24.9	+	17	26
3294			Com		eF, cS, dif	12	24.8	+	25	36
3295			Com		cF, S, R, bM	12	24.8	+	28	42
3296		Galaxy	Com	16	cF, neb *13, *13 sp	12	25	+	24	23
3297			Com		vF, pL, R, bM, spir	12	25	+	26	46
3298			Com		S, E 150deg, bM	12	25	+	17	2
3299			Com		vF, vS, R, bM, spir	12	25.1	+	27	23
3300		Galaxy	Com	15	Size: 1.1 pF, pS, E 80deg, bM	12	25	+	25	57
3301			Com		vF, vS, R	12	25.2	+	14	9
3302			Com		eF, vS, iF	12	25.2	+	25	53
3303		Galaxy	Vir		Size: 1.4 vF, vS	12	25.2	+	12	43
3304			Com		eF, S, R	12	25.2	+	25	25
3305		Galaxy	Vir	15	Size: 1.1 vIE, bM, mag 15	12	25.2	+	11	50
3306			Com		vF, vS, iF, N	12	25.2	+	27	24
3307		Star	Com		R, bM, mag 15	12	25.4	+	14	9
3308		Galaxy	Com	15	Size: 1.5 F, cS, E 70deg, bM	12	25.3	+	26	42
3309		Galaxy	Com	16	Size: 1.4 F, pS, R, bM, spir	12	25.4	+	28	23
3310		Star	Com		vF, S, dif, sbM	12	25.5	+	15	40
3311		Galaxy	Vir	15	Size: 2.1 vF, cS, mE 135deg	12	25.5	+	12	15
3312			Com		eF, S, R, bM, v diffic	12	25.5	+	23	35
3313			Com		F, vS, R, PN, IC 3310 ssp	12	25.5	+	15	50
3314			Com		vF, S, R, bM	12	25.5	+	23	35
3315			Vir		E, bM, mag 15	12	25.7	+	12	18
3316			Com		eF, vS, bM; neb?	12	25.6	+	26	10
3317			Com		eF, S, E	12	25.6	+	25	21
3318		Star	Vir		pB, S; = *10.5	12	25.8	+	9	46
3319			Vir		pF, pS; = 4390	12	25.8	+	10	23
3320			Vir		pF, pS, iF, FN; = 4390	12	25.8	+	10	27
3321			Com		vF, vS, R; D*?	12	25.8	+	26	5
3322	UGC 7513	Galaxy	Vir		Size: 2.5 cF, pS, mE 130deg	12	25.9	+	7	33
3323		Galaxy	Com	13	Size: 3.1 cF, vS, R, bM, neb* att	12	25.8	+	27	33
3324			Com		cF, vS, R, bM, spir	12	25.8	+	26	44
3325			Com		F, S	12	25.8	+	23	54
3326			Com		F, S, iF	12	25.9	+	23	46
3327		Galaxy	Com	15	bM, mag 15	12	26	+	14	52
3328		Galaxy	Vir	15	Size: 0.6 vF, vS, bM	12	25.9	+	10	3
3329			Com		vF, S, iF, att 4393	12	25.9	+	27	34
3330		Galaxy	Com		Size: 1.4 F, cS, E pf, gbM	12	25.9	+	30	51
3331		Galaxy	Vir	15	Size: 0.2 eF, cS, E 78deg, bM	12	26	+	11	48
3332			Com		vF, vS, iF, N	12	26.1	+	25	17
3333		Star	Vir		vF, vS; *14?	12	26.2	+	13	8
3334			Com		vF, pS, R, bM	12	26.2	+	28	28
3335			Com		eF, vS, R, bM; neb?	12	26.3	+	26	8
3336		Galaxy	Com	15	pB, vS, R, bM	12	26.3	+	26	49
3337			Com		eF, vS, R, bM, spir	12	26.4	+	25	19
3338			Com		F, vS, R, bM, spir	12	26.4	+	25	53
3339			Vir		*11 with neb nf; = 4411	12	26.5	+	8	52
3340		Galaxy	Com	15	Size: 0.7 vS, E 200deg	12	26.5	+	16	50
3341			Com		vF, cS, dif	12	26.4	+	27	45
3342			Com		vF, vS, R, spir, sbM *	12	26.5	+	27	8
3343		?	Vir		eF, vS, ??	12	26.6	+	8	53
3344		Galaxy	Com	15	Size: 0.5 R, bM, mag 14.5	12	26.5	+	13	34
3345			Com		eF, S, iF	12	26.5	+	24	22
3346			Vir		eS, R, bM, mag 15.5	12	26.7	+	11	21
3347			Vir		R, bM, mag 15	12	26.7	+	10	53
3348			Com		eF, vS, iF	12	26.6	+	25	37
3349		Galaxy	Vir	15	vS, R, lbM, mag 15	12	26.7	+	12	27
3350		Star	Vir		*10.5 with neb sp	12	26.8	+	9	27
3351			Com		eF, S, iF	12	26.7	+	27	36
3352		?	Vir		F, pS, E	12	26.8	+	8	45
3353			Com		eF, S, iF	12	26.7	+	27	55
3354		Star	Vir		eF, S, ?	12	26.9	+	12	6
3355		Galaxy	Vir		Size: 1.3 eF, pS, E 168deg	12	26.8	+	13	11
3356		Galaxy	Vir	15	Size: 1.4 R, bM, mag 16	12	26.8	+	11	34
3357		Galaxy	Vir	15	R, bM, mag 15	12	26.8	+	9	45
3358		Galaxy	Vir	15	Size: 1.2 vF, S	12	26.9	+	11	39
3359			Com		F, S, iF, N, *14 np	12	26.9	+	23	30

IC Objects

ObjectNum	Name	Type	Constellation	Magnitude	Info	RAHour	RAMinute	DecSign	DecDeg	DecMinute
3360			Com		eF, vS, iF	12	26.8	+	26	3
3361			Vir		R, bM, mag 15.5	12	27	+	10	38
3362			Com		F, vS, bM, spir	12	26.9	+	26	41
3363		Galaxy	Vir	15	E, bM, mag 15	12	27	+	12	33
3364			Com		vF, vS, R, bM	12	27.1	+	25	34
3365	UGC 7563	Galaxy	Com	14	Size: 1.9 pL, vmE 240deg	12	27.1	+	15	54
3366		?	Vir		vF, vS	12	27.3	+	9	25
3367		Galaxy	Com	16	F, vS, R, att 2nd np	12	27.2	+	26	57
3368			Com		vS, vIE, PN	12	27.3	+	16	25
3369			Com		vF, bM, mag 14	12	27.3	+	16	2
3370		Galaxy	Cen	11.1	Size: 2.8 pB, pL, R, *8.5 p 4'	12	27.6	-	39	20
3371		Galaxy	Vir	15	Size: 1.9 F, pL, vmE 225deg	12	27.3	+	10	52
3372			Com		vF, vS, bM, spir	12	27.4	+	25	17
3373			Com		F, cS, iF	12	27.5	+	25	27
3374		Galaxy	Vir	16	R, bM, mag 15.5	12	27.5	+	9	59
3375			Com		F, vS, R, att *14 sp	12	27.7	+	27	22
3376		Galaxy	Com	14	Size: 1.8 pB, S, R, bM	12	27.8	+	26	59
3377			Com		pF, vS, R, bM	12	27.9	+	24	56
3378			Com		1st of 2 neb, 1'apart, mag 15.5	12	28.1	+	17	18
3379			Com		2nd of 2 neb, 1'apart, mag 15.5	12	28.1	+	17	18
3380			Com		F, vS, bM, spir	12	28.1	+	26	40
3381		Galaxy	Vir		Size: 1.5 eF, vS, stell	12	28.3	+	11	47
3382		Galaxy	Com	16	Size: 1.0 F, pS, mE 150deg	12	28.2	+	13	33
3383		Galaxy	Vir	15	Size: 0.7 R, bM, mag 15	12	28.2	+	10	17
3384			Com		eF, vS, iF	12	28.2	+	25	5
3385			Com		eF, pS, R, bM, dif	12	28.2	+	25	26
3386			Vir		vF, cS, E 90deg	12	28.4	+	13	11
3387			Com		vF, S, viF	12	28.3	+	28	0
3388		Galaxy	Vir	15	vS, R, lbM, mag 15	12	28.4	+	12	49
3389			Com		vF, S, iF	12	28.4	+	27	51
3390			Com		vF, vS, R, bM	12	28.5	+	24	49
3391		Galaxy	Com	14	Size: 1.1 cS, vIE, sbMF*; spir?	12	28.4	+	18	24
3392		Galaxy	Com		Size: 2.4 B, L, mE 225deg , mbM	12	28.7	+	15	0
3393		Galaxy	Vir		Size: 1.4 S, E 125deg , bM, mag 14	12	28.7	+	12	55
3394		Galaxy	Com	16	Size: 0.4 F, S, bM, spir	12	28.8	+	26	47
3395			Com		vF, vS, R, bM	12	28.7	+	25	2
3396			Com		vF, vS, R, bM, others n	12	28.7	+	25	3
3397			Com		F, S, v iF	12	28.8	+	25	44
3398		Star	Com		cF, vS	12	29	+	13	34
3399			Com		vF, vS, R, bM	12	28.9	+	25	42
3400		?	Vir		cB, cS, = *10	12	29	+	9	24
3401			Com		vF, vS, R	12	29	+	26	28
3402		Galaxy	Com	16	Size: 1.0 vF, cL, E 10deg , * np, conn?	12	29	+	28	51
3403		Galaxy	Com	16	cF, S, pR, bM	12	29	+	24	38
3404		?	Vir		cB, cS, R, mbM	12	29.2	+	7	9
3405			CVn		F, S, R, vibM	12	29	+	37	44
3406		Galaxy	Com	16	Size: 0.5 cF, S, bM, spir	12	29.1	+	27	38
3407		Galaxy	Com	15	Size: 1.2 cF, cS, E 150deg , bM; spir?	12	29	+	27	47
3408		Star	Vir		B, stell; *9.5?	12	29.3	+	11	53
3409		Galaxy	Com	17	Size: 0.6 bM, mag 15	12	29.4	+	14	46
3410		Galaxy	Com	16	bM, mag 15.5	12	29.1	+	19	0
3411			Com		eF, S, iF, neby sf	12	29.2	+	24	35
3412		Galaxy	Vir	15	eF, cS	12	29.3	+	9	59
3413		Galaxy	Vir		Size: 1.6 vF, vS, R, bM	12	29.4	+	11	26
3414		Galaxy	Vir		Size: 1.7 cF, cS, mbM	12	29.4	+	6	46
3415			Com		F, vS, bM, spir; neb*?	12	29.4	+	26	46
3416		Galaxy	Vir	15	Size: 0.1 S, mE 250deg	12	29.6	+	10	47
3417		Star	Vir		eF, vS, ?*	12	29.7	+	7	52
3418		Galaxy	Vir		Size: 1.5 vF, wisp	12	29.7	+	11	24
3419			Com		vF, R, mag 16	12	29.7	+	15	2
3420		Star	Com		vF, S, R, ??	12	29.7	+	13	27
3421		Open Cluster	Com		Cl, F, cS, R, bM	12	29.6	+	26	14
3422			Com		bM, mag 15	12	29.7	+	14	42
3423		?	Com		vF, vS	12	29.8	+	13	40
3424			Com		eF, pS, iF	12	29.7	+	24	24
3425		Galaxy	Vir	15	Size: 1.9 bM, mag 14	12	29.9	+	10	36
3426		Star	Com		vF, vS	12	30	+	13	36
3427		Galaxy	Vir	14	F, vS, exc Nf	12	30.1	+	10	46
3428			Com		F, S, R, bM	12	30.1	+	23	40
3429			Com		vF, S, iF, N	12	30.1	+	23	33
3430		Galaxy	Vir	15	Size: 1.2 eF, cS, dif	12	30.2	+	9	4
3431		Star	Vir		vS, R	12	30.4	+	11	35
3432		Galaxy	Com	15	Size: 0.6 B, S, R	12	30.4	+	14	10
3433			Com		bM, mag 14.5	12	30.4	+	17	18
3434		Galaxy	Com	15	bM, mag 15	12	30.5	+	18	48
3435		Galaxy	Com	16	Size: 1.2 S, mE 135deg , sbM	12	30.6	+	15	7
3436		Galaxy	Com	15	Size: 0.4 bM, mag 14	12	30.5	+	19	39
3437		Galaxy	Vir	15	bM, mag 15	12	30.8	+	11	20
3438			Vir		cF, S, FN; = 4492	12	31	+	8	5
3439			Com		vF, cS, iF, sev N	12	31	+	25	34
3440			Vir		eF, pS, IE 30deg	12	31.1	+	12	2
3441		Galaxy	Com	15	Size: 0.4 F, S, bM, spir	12	31.2	+	28	51
3442		Galaxy	Com		Size: 1.5 F, vS, R, lbM	12	31.3	+	14	7
3443		Galaxy	Vir	16	Size: 0.2 bM, mag 15.5	12	31.3	+	12	19

IC Objects

ObjectNum	Name	Type	Constellation	Magnitude	Info	RAHour	RAMinute	DecSign	DecDeg	DecMinute
3444			Com		vF, vS, bM, spir	12	31.2	+	27	33
3445			Vir		F, eS, R	12	31.3	+	12	44
3446		Galaxy	Vir	15	bM, mag 14	12	31.3	+	11	29
3447		Star	Vir		F, eS, R	12	31.4	+	10	40
3448			Com		vF, vIE	12	31.4	+	17	12
3449		Double Star	Com		eF, vS, bM, spir	12	31.4	+	25	55
3450		Galaxy	Com		vF, vS, spir, ? (4494 sp)	12	31.4	+	26	48
3451		Galaxy	Com	15	Size: 0.5 F, S, bM, spir	12	31.4	+	28	51
3452			Vir		pF, pS, E 100deg ; = 4497	12	31.5	+	11	37
3453		Galaxy	Com	15	Size: 1.2 F, S, E 160deg , lbM	12	31.5	+	14	51
3454		Galaxy	Com	16	Size: 1.3 F, S, iF, dif, att *11 n	12	31.6	+	27	30
3455		?	Com		eF, S, iF	12	31.7	+	25	47
3456			Com		vF, pS, iF	12	31.7	+	28	21
3457		Galaxy	Vir		Size: 1.6 S, R, lbM	12	31.9	+	12	39
3458			Com		F, S, bM, spir	12	31.7	+	28	9
3459		Galaxy	Vir	15	Size: 1.2 vF, pS, dif	12	31.9	+	12	10
3460			Com		F, S, iF	12	31.8	+	27	23
3461		Galaxy	Vir	15	Size: 0.6 vF, vS	12	32	+	11	53
3462			Com		vF, eS, R	12	32	+	15	18
3463		Double Star	Vir		vF, cS, E 40deg	12	32.1	+	12	19
3464		Star	Com		eF, vS, bM, spir	12	32	+	26	0
3465			Vir		bM, mag 16	12	32.2	+	12	4
3466			Vir		bM, mag 15	12	32.2	+	11	48
3467			Vir		cS, vmE 255deg , sbM *	12	32.3	+	11	47
3468		Galaxy	Vir		bM, mag 13.5	12	32.3	+	10	14
3469			Com		eF, S, E 50deg	12	32.2	+	25	48
3470		Galaxy	Vir		bM, mag 13.5	12	32.4	+	11	15
3471		Galaxy	Com	16	Size: 0.7 F, vS, R	12	32.3	+	16	1
3472			Com		eF, S, iF	12	32.3	+	24	44
3473		Galaxy	Com	15	Size: 1.1 S, R, lbM	12	32.3	+	18	14
3474		Galaxy	Vir		Size: 2.2 pF, E spnf, dif, *17 np, B* s	12	32.6	+	2	40
3475	UGC 7692	Galaxy	Vir	13.3	Size: 2.6 vF, pS, R, dif	12	32.7	+	12	46
3476	UGC 7695	Galaxy	Com	12.7	Size: 2.2 pF, pL, lbM	12	32.7	+	14	3
3477		Star	Com		vF, vF, bM, spir	12	32.6	+	26	3
3478		Galaxy	Com		Size: 1.3 vF, vS, bM	12	32.7	+	14	12
3479			Com		vF, vS, iF	12	32.7	+	25	24
3480			Com		vF, S, E 90deg , bM	12	32.7	+	26	50
3481		Galaxy	Vir	14	Size: 0.7 bM, mag 13	12	32.9	+	11	24
3482			Com		vF, S, bM, spir	12	33	+	27	50
3483		Galaxy	Vir	15	Size: 0.5 bM, mag 14	12	33.2	+	11	21
3484		Galaxy	Com	15	Size: 0.6 S, R, bM	12	33.1	+	17	24
3485		Star	Vir		eF, S, ?	12	33.2	+	9	13
3486			Vir		F, S, R, dif	12	33.2	+	12	52
3487			Vir		vF, vS	12	33.2	+	9	24
3488		Galaxy	Com		F, S, R, bM	12	33.1	+	26	21
3489		Galaxy	Vir	15	Size: 0.6 bM, mag 13	12	33.2	+	12	14
3490		Galaxy	Vir	16	Size: 0.6 vF, S, vmE 240deg	12	33.2	+	10	55
3491		Galaxy	Com		F, S, iF	12	33.2	+	27	6
3492		Galaxy	Vir	15	sbM, prob spiral	12	33.2	+	12	51
3493		Star	Vir		eF, vS	12	33.4	+	9	23
3494		Galaxy	Com		vF, vS, neb*, *15 np	12	33.2	+	27	35
3495		Galaxy	Com		vF, cS, iF, diffc	12	33.5	+	26	47
3496		Galaxy	Com		vF, cS, iF, *15 np	12	33.5	+	26	44
3497			Com		vF, vS, R, bM	12	33.5	+	25	29
3498		Star	Com		vF, S, iF	12	33.5	+	26	44
3499	UGC 7712	Galaxy	Vir	13.3	Size: 1.6 cS, E (wisps) 130deg , bM	12	33.7	+	10	59
3500		Galaxy	Com	15	S, E 90deg , sbM *	12	33.8	+	13	58
3501		Galaxy	Com	15	Size: 0.6 F, S, R, bMN	12	33.8	+	13	19
3502		Galaxy	Com		eF, S, iF	12	33.7	+	26	37
3503			CVn		eF, vS, bMN	12	33.8	+	37	47
3504		?	Vir		eF, vS, nr *10	12	34.1	+	6	53
3505		Galaxy	Com	15	Size: 0.8 F, S, E	12	34.1	+	15	57
3506			Vir		vF, R	12	34.2	+	12	44
3507			Com		vF, vS, iF	12	34.1	+	25	22
3508		Galaxy	Com		cF, S, bM, spir	12	34.1	+	26	40
3509		Galaxy	Vir	15	bM, mag 14	12	34.3	+	12	4
3510		Galaxy	Vir	15	Size: 1.1 eF, bM, mag 15, *10 nf	12	34.3	+	11	4
3511		?	Com		vF, S, iF, N	12	34.2	+	27	21
3512		?	Com		vF, S, iF, N	12	34.2	+	27	22
3513		?	Com		vF, S, iF, N	12	34.2	+	27	20
3514		Double Star	Com		vF, vS, bM, spir	12	34.3	+	26	42
3515			Com		F, S, iF	12	34.3	+	27	52
3516		Galaxy	Com		vF, S, iF, N	12	34.3	+	27	27
3517		Galaxy	Vir	15	Size: 1.5 eF, pS, mE 28deg ; ?	12	34.5	+	9	9
3518		Galaxy	Vir	15	Size: 1.3 cS, mE 210deg , bM	12	34.5	+	9	37
3519		?	Com		vF, vS, R	12	34.5	+	15	34
3520		Galaxy	Com	15	vF, R	12	34.5	+	13	30
3521		Galaxy	Vir		pF, cS, E 45deg , bM	12	34.6	+	7	9
3522		Galaxy	Com		Size: 1.5 vF, S, mE 90deg	12	34.8	+	15	13
3523			Com		vF, R	12	34.7	+	14	1
3524		Double Star	Com		cF, S, *12.5?	12	34.7	+	14	14
3525			Vir		vF, R	12	34.8	+	10	10
3526			Com		F, vS, R, bM	12	34.7	+	25	41
3527		Double Star	Com		F, vS, R, bM *	12	34.7	+	26	9

IC Objects

ObjectNum	Name	Type	Constellation	Magnitude	Info	RAHour	RAMinute	DecSign	DecDeg	DecMinute
3528		Galaxy	Com		Size: 0.7 bM, mag 14	12	34.9	+	15	34
3529			Com		F, vS, R, bM	12	34.8	+	25	42
3530		Galaxy	Com	15	F, vS, R	12	34.8	+	17	48
3531		Galaxy	Com		vF, vS, bM, spir	12	34.9	+	26	38
3532			Com		vF, vS, bM, spir	12	35	+	25	53
3533		Galaxy	Com	16	pF, vS, R, bM	12	35	+	25	46
3534			Com		vF, cS, R	12	35.2	+	15	0
3535			Com		F, vS, R, bM	12	35.2	+	25	44
3536		Galaxy	Com		vF, S, iF	12	35.2	+	26	32
3537		Double Star	Vir		vF, S, ?	12	35.4	+	7	39
3538		Star	Com		eF, S, iF	12	35.2	+	26	14
3539			Com		eF, S, R, bM, *13 sp	12	35.3	+	23	59
3540		Galaxy	Vir	15	Size: 0.4 vS, R, sev condens	12	35.4	+	12	45
3541			Com		eF, S, R	12	35.4	+	23	58
3542			Vir		bM, mag 14.5	12	35.8	+	11	40
3543		Galaxy	Com		Size: 1.1 vF, S, IE 150deg	12	35.7	+	26	17
3544		Double Star	Com		cF, vS; *12.5?	12	35.8	+	14	18
3545			Com		pB, S, R, bM; = 4555	12	35.7	+	26	31
3546		Galaxy	Com		F, S, IE 150deg	12	35.7	+	26	13
3547		Double Star	Com		vF, vS, iF	12	35.8	+	26	20
3548			Vir		vF, eS, R	12	35.9	+	10	57
3549		Star	Com		vF, vS, bM, spir	12	35.8	+	26	24
3550			Com		N inv in 4559	12	35.9	+	27	56
3551			Com		N inv in 4559	12	35.9	+	27	58
3552			Com		N inv in 4559	12	35.9	+	28	0
3553		?	Com		vF, vS, R, bM	12	35.9	+	26	12
3554			Com		N inv in 4559 (2s p, 1'.8 s)	12	35.9	+	27	56
3555			Com		N inv in 4559 (1s.5 p, 2'.0 n)	12	35.9	+	28	0
3556		Galaxy	Com		F, S, R, bM	12	36	+	26	58
3557		Galaxy	Com	15	Size: 0.7 bM, mag 15.5	12	36.1	+	16	38
3558			Vir		D; F, R, dist 12" n & s	12	36.2	+	11	51
3559		Galaxy	Com		vF, vS, R, bM	12	36.1	+	26	59
3560		Galaxy	Com		vF, vS, R, bM	12	36.1	+	27	5
3561		Galaxy	Com		cF, vS, R, bM *	12	36.1	+	26	54
3562		Galaxy	Vir	16	E 220deg	12	36.2	+	9	55
3563			Com		N inv in 4559	12	36.1	+	27	56
3564			Com		N inv in 4559	12	36.2	+	27	56
3565		Galaxy	Com		vF, S, E 148deg ; st?	12	36.2	+	26	45
3566		?	Vir		com, R with tail 1' at 110deg	12	36.3	+	11	9
3567		Galaxy	Com	15	F, vS, R, bM	12	36.4	+	13	36
3568	PK 123+34.1	Planetary Nebula	Cam	12	Size: 0.1 PN or neb *9.5; *13 p 15"	12	32.9	+	82	33
3569		Galaxy	Com	13	Size: 1.3 cS, spir, 2 br, F* M, F* inv;	12	36.1	+	19	19
3570			Com		eF, S, iF, *13 np	12	36.3	+	24	5
3571		Galaxy	Com		eF, S, iF, others nr	12	36.3	+	26	5
3572		Star	Vir		eF, vS, ??	12	36.5	+	11	37
3573			Vir		F, vS, R	12	36.5	+	11	46
3574			Vir		vF, vS; *14?	12	36.5	+	12	24
3575			Com		vF, vS, R	12	36.5	+	13	45
3576	UGC 7781	Galaxy	Vir	14	Size: 3.0 F, pS, dif	12	36.6	+	6	37
3577		Double Star	Vir		vF, pS, dif, *13 inv nf	12	36.6	+	11	54
3578		Galaxy	Vir	15	Size: 1.0 S, E 125deg	12	36.6	+	11	6
3579		Star	Com		eF, S, iF, others nr	12	36.5	+	26	6
3580			Com		F, vS, R	12	36.6	+	18	17
3581		Galaxy	Com	15	Size: 0.4 pB, S, E 50deg , bM	12	36.6	+	24	24
3582		Galaxy	Com		Size: 0.5 F, vS, com, bM, others nr	12	36.5	+	26	12
3583	UGC 7784	Galaxy	Vir	14	Size: 2.2 vmE, *13 att sf, 2 st 12 nr	12	36.7	+	13	15
3584		Star	Vir		vF, vS; *14?	12	36.8	+	12	14
3585		Galaxy	Com		Size: 1.4 cF, S, neb*	12	36.7	+	26	50
3586		Galaxy	Vir	15	Size: 0.6 vF, cS, dif	12	36.9	+	12	32
3587		Galaxy	Com	16	Size: 1.5 vF, S, IE 120deg , *15 nf	12	36.8	+	27	33
3588		?	Com		cF, pL, lbM	12	36.9	+	14	13
3589			Vir		vF, S, R, stell	12	37	+	6	56
3590			Com		vF, S, viF	12	36.9	+	27	17
3591			Vir		F, pS, nr *14	12	37	+	6	56
3592		Galaxy	Com	15	Size: 1.3 pF, S, IE 140deg	12	36.9	+	27	53
3593		Galaxy	Com	15	Size: 0.4 pF, S, iF, N	12	37	+	27	46
3594		Star	Com		eF, vS, iF	12	36.9	+	26	7
3595			Com		eF, S, iF	12	37.1	+	23	47
3596		Double Star	Com		vF, S, iF, nr D*	12	37.3	+	26	31
3597			Com		eF, S, R	12	37.4	+	23	52
3598		Galaxy	Com		Size: 1.7 pF, vS, sbM *, *15 nf 100"	12	37.4	+	28	12
3599		Galaxy	Com		cF, S, R, bM	12	37.7	+	26	42
3600		Galaxy	Com		Size: 0.6 F, vS, neb*	12	37.6	+	27	8
3601		Photo Plate Defectouble Star	Com		bM, mag 15	12	37.8	+	15	12
3602		Galaxy	Vir	15	F, eS, R, lbM	12	38.1	+	10	5
3603			Com		eF, bM, mag 15	12	38.2	+	15	32
3604			Vir		F, vS, R, lbM	12	38.4	+	11	43
3605			Com		vF, vS, R	12	38.3	+	19	31
3606			Vir		F, vIE	12	38.4	+	12	36
3607		?	Vir		F, eS, R	12	38.5	+	10	22
3608		Galaxy	Vir	15	Size: 3.5 vS, R, wisps pf, 1' each	12	38.6	+	10	29
3609		Galaxy	Com	15	B, vS, R; PN ?	12	38.5	+	14	22
3610			Com		eF, S, viF	12	38.8	+	26	52
3611		Galaxy	Com		pF, cS, E 130deg	12	39.1	+	13	22

IC Objects

ObjectNum	Name	Type	Constellation	Magnitude	Info	RAHour	RAMinute	DecSign	DecDeg	DecMinute
3612			Com		B, vS, R; PN ?	12	39.1	+	14	43
3613			Com		F, eS, R, lbM	12	39.1	+	13	44
3614			Com		eF, pS, gbM, spir	12	39	+	26	18
3615		Galaxy	Com	15	Size: 1.3 S, E 185deg , bM	12	39	+	18	11
3616		?	Com		bM, mag 14	12	39.2	+	14	44
3617	UGC 7822	Galaxy	Vir	15	Size: 1.1 vF, S	12	39.4	+	7	58
3618		Galaxy	Com		F, vS, R, bM	12	39.2	+	26	41
3619			Com		vF, cS, E 160deg , bM	12	39.3	+	24	8
3620		Galaxy	Com		F, S, iF, bM, sev neb st nr	12	39.3	+	27	55
3621			Com		bM, mag 14	12	39.5	+	15	29
3622			Com		vF, S, R	12	39.5	+	15	25
3623		Galaxy	Com		cF, S, R, bM	12	39.4	+	27	7
3624			Vir		F, S, E 180deg	12	39.6	+	11	59
3625			Vir		vF, R	12	39.7	+	10	58
3626		Galaxy	Com	16	vF, S, bM, spir	12	39.5	+	25	41
3627			Com		F, S, iF, N	12	39.5	+	27	30
3628			Com		eF, S, R	12	39.7	+	26	15
3629			Com		S, mE 245deg , lbM	12	39.8	+	13	31
3630			Com		vF, vS, IE; D*?	12	39.8	+	25	26
3631		Galaxy	Vir	14	bM, mag 13	12	39.8	+	12	59
3632			Com		eF, cS, iF	12	40	+	26	41
3633		Galaxy	Vir	15	vS, PN , lbM	12	40.2	+	9	53
3634			Vir		vF, R, dif	12	40.2	+	9	50
3635		Galaxy	Vir	15	Size: 1.2 F, vS, R, bM	12	40.2	+	12	53
3636			Com		eF, vS, E 0deg , bM	12	40.2	+	22	4
3637		Galaxy	Com	16	vF, vS, R, dif	12	40.3	+	14	43
3638		Galaxy	Vir	15	Size: 0.6 B, S, R, lbM	12	40.3	+	10	31
3639		Galaxy	Cen		Size: 1.4 pF, pS, *12.5 ssp	12	40.9	-	36	45
3640			Com		vF, R neb 30" np IC 3641	12	40.4	+	26	31
3641			Com		F, S, bM, spir	12	40.4	+	26	31
3642			Com		vF, cS, iF, dif	12	40.4	+	26	44
3643			Vir		F, vIE	12	40.7	+	12	24
3644			Com		vF, S, iF	12	40.6	+	26	30
3645		Galaxy	Com		Size: 0.7 F, vS, R, bM	12	40.5	+	26	32
3646		Galaxy	Com		Size: 1.3 F, S, E 65deg , bM	12	40.5	+	26	31
3647		?	Vir		F, cS, mE 135deg	12	40.9	+	10	28
3648		?	Vir		eF, S; ??	12	40.9	+	12	59
3649			Com		F, vS, iF, N	12	40.8	+	21	6
3650		Galaxy	Com	15	Size: 0.8 eF, vS, bM, spir	12	40.7	+	26	30
3651		Galaxy	Com		Size: 1.3 pF, cS, R, spir	12	40.8	+	26	44
3652		Galaxy	Vir	15	Size: 1.0 S, R, mbM	12	41	+	11	11
3653		Galaxy	Vir	15	bM, mag 13	12	41.2	+	11	24
3654			Com		F, S, iF, N	12	41.2	+	22	35
3655			Com		vF, vS, iF, *16 inv, other neb nr	12	41.2	+	20	40
3656			Com		F, S, iF, N	12	41.2	+	22	36
3657			Com		vF, vS, N; neb*?	12	41.3	+	21	41
3658		Galaxy	Com	15	F, S, E 240deg	12	41.3	+	14	42
3659			Com		cF, S, E 50deg	12	41.5	+	22	56
3660			Com		F, vS, iF, N	12	41.6	+	21	6
3661			Com		cF, S, iF, N	12	41.6	+	22	30
3662		Galaxy	Com	15	Size: 0.6 F, S, R, bM, spir	12	41.6	+	23	25
3663			Vir		F, S, R, dif	12	41.7	+	12	14
3664			Com		vF, vS, iF, N	12	41.7	+	19	57
3665		Galaxy	Vir	15	Size: 1.0 F, S, R, dif	12	41.8	+	11	30
3666			Vir		eF, vS, ?	12	41.9	+	7	51
3667			CVn		cB, pL, E 55deg , bM	12	41.5	+	41	9
3668			CVn		pF, pS, iF, N	12	41.5	+	41	8
3669			CVn		F, pS, iF, N	12	41.6	+	41	8
3670			Vir		vS, R, bM	12	41.9	+	11	45
3671		Galaxy	Com	15	Size: 0.5 cF, cS, IE 230deg , bM	12	41.8	+	23	31
3672		Galaxy	Vir		vF, vS, R, stell; IC 809 n	12	42.1	+	11	45
3673			Com		F, vS, iF, N	12	42.1	+	21	8
3674			Com		pF, S, exc N, *11 sp	12	42.1	+	22	31
3675		Galaxy	CVn	13	Size: 2.0 pB, pL, iF, N; = 4625	12	41.9	+	41	17
3676		Star	Com		vF, vS; *13?	12	42.2	+	13	33
3677			Com		F, vS, iF, N	12	42.2	+	20	53
3678			Com		vF, vS, iF, N	12	42.2	+	20	53
3679			Com		F, S, iF, N	12	42.2	+	22	49
3680			CVn		F, S, iF, N	12	42	+	39	6
3681			CVn		cF, vS, E 135deg , bM, *13 sp	12	42	+	39	5
3682			Com		F, vS, iF, N	12	42.3	+	20	52
3683			Com		F, vS, iF, N	12	42.3	+	20	52
3684			Vir		vF, vS, R	12	42.4	+	11	43
3685			Vir		vF, pL	12	42.5	+	6	52
3686		Galaxy	Vir	16	Size: 1.5 F, S, R	12	42.6	+	10	34
3687	UGC 7866	Galaxy	CVn	13	Size: 3.5 vF, cL, dif, sev N	12	42.1	+	38	30
3688			Com		cF, pS; = 4633	12	42.6	+	14	22
3689			Com		F, vS, iF, N	12	42.6	+	20	51
3690		Galaxy	Vir	15	Size: 1.3 B, vS, R	12	42.8	+	10	22
3691			Com		F, S, iF, N	12	42.8	+	22	47
3692		Galaxy	Com	15	Size: 1.0 pF, S, bM, spir	12	42.9	+	21	0
3693			Vir		F, vS, R, lbM	12	43	+	10	40
3694		Galaxy	Vir	15	Size: 0.7 bM, mag 13.5	12	43.1	+	11	13
3695			Com		vF, vS, iF, N	12	43.1	+	22	45

IC Objects

ObjectNum	Name	Type	Constellation	Magnitude	Info	RAHour	RAMinute	DecSign	DecDeg	DecMinute
3696			Com		vF, vS, iF, N	12	43.2	+	19	56
3697		Galaxy	CVn	17	Size: 0.7 vF, S, N; neb*?	12	43	+	39	50
3698		Galaxy	Vir	15	Size: 0.5 S, R, mbM	12	43.3	+	11	13
3699			Com		F, S, iF, N, 3 st n, np	12	43.3	+	19	0
3700			Com		F, S, dif	12	43.3	+	19	16
3701			Vir		F, vS, R, dif	12	43.5	+	11	2
3702		Galaxy	Vir	15	B, vS, R	12	43.5	+	10	53
3703			CVn		F, vS, iF, N, 2 st 11 sf	12	43.4	+	37	59
3704		Galaxy	Vir	15	Size: 1.3 F, pL, mE 225deg	12	43.7	+	10	47
3705			Com		eF, S, iF	12	43.7	+	19	20
3706		Star	Vir		vF, cS, dif	12	43.8	+	9	14
3707			CVn		pF, vS, bM*	12	43.5	+	37	59
3708			Vir		pB, cL, E; = 4654	12	43.9	+	13	8
3709		Galaxy	Vir	15	vF, cS, dif	12	44	+	9	4
3710		Galaxy	Vir		vF, cS, R, dif	12	44.1	+	12	8
3711			Vir		vF, vS, R, dif	12	44.2	+	11	10
3712		?	Vir		vF, pS, E 42deg ; ?	12	44.3	+	10	22
3713		Galaxy	CVn	15	Size: 0.6 F, pS, dif, *13 sf 1'	12	44.1	+	41	10
3714		Galaxy	Vir	16	Size: 0.8 S, R	12	44.4	+	10	11
3715			Com		vF, vS, iF, N	12	44.4	+	19	51
3716			Vir		vF, vS, sp of 2	12	44.8	+	8	6
3717		Galaxy	CVn	16	Size: 0.6 F, cS, E 150deg , bM, *15 np	12	44.4	+	39	30
3718		Galaxy	Vir		Size: 3.0 F, pS, E 90deg	12	44.8	+	12	21
3719			Vir		eF, vS, ??, nf of 2	12	44.8	+	8	6
3720		Galaxy	Vir		Size: 2.8 eF, S, dif	12	44.8	+	12	4
3721			Com		bM, mag 13.5	12	44.8	+	18	45
3722		Star	Vir		vF, vS, = *13	12	44.9	+	11	47
3723		Galaxy	CVn		Size: 0.4 pF, vS, R, bM	12	44.5	+	40	44
3724		Galaxy	Vir	16	S, R	12	44.9	+	10	17
3725			Com		pF, cS, E, bM; = IC 3721	12	44.9	+	18	45
3726		Galaxy	CVn	16	Size: 1.7 F, cS, E 145deg , bM	12	44.7	+	40	42
3727		Galaxy	Vir	16	Size: 1.6 F, S, R, lbM	12	45.1	+	10	54
3728			Com		vF, vS, iF, N	12	45.1	+	20	58
3729		Galaxy	CVn	16	Size: 0.2 F, vS, iF, N, neb st np	12	44.9	+	39	20
3730		Galaxy	Com	14.6	Size: 0.4 pB, vS, R, bM, in dif neb	12	45.1	+	21	11
3731			Vir		bM, mag 14.5	12	45.2	+	12	25
3732			Vir		vS, R	12	45.2	+	10	18
3733			Vir		eF, S, = *14	12	45.3	+	6	58
3734			Com		*15 in dif neb; IC 813 f 0'.5	12	45.2	+	23	2
3735		Galaxy	Com	15	Size: 0.4 F, S, R	12	45.3	+	13	42
3736		Galaxy	Com	16	Size: 0.5 pF, vS, E 155deg , bM	12	45.3	+	21	31
3737			Com		F, vS, iF, N	12	45.3	+	21	58
3738			Com		neb *15	12	45.4	+	19	14
3739		?	Vir		cF, cS, biN	12	45.5	+	13	0
3740		Galaxy	Com	16	pF, cS, E 0deg , bM	12	45.5	+	20	49
3741			Com		neb *16	12	45.6	+	19	12
3742		Galaxy	Com		Size: 1.9 pL, mE 225deg , bM	12	45.5	+	13	20
3743		Star	Vir		vF, S	12	45.7	+	11	6
3744			Com		F, vS, iF, N	12	45.7	+	19	30
3745		Galaxy	Com	15	Size: 0.3 pF, vS, R, bM	12	45.6	+	19	10
3746		Galaxy	CVn	16	F, S, iF, N	12	45.6	+	37	49
3747			CVn		F, vS, iF, N	12	45.6	+	37	58
3748			Com		vF, vS, iF, N	12	45.8	+	19	26
3749			Com		vF, eS, bM, spir	12	45.9	+	19	32
3750			Com		eF, eS, iF, N	12	46	+	19	6
3751		Galaxy	CVn	16	F, vS, iF, N, neb *15 p	12	45.6	+	37	49
3752			Com		vF, vS, iF, neb *14 np 1', *10 np 1'.5	12	46.1	+	19	1
3753			Com		eF, S, E, *14 conn p	12	46.1	+	19	7
3754		Galaxy	Vir	15	Size: 1.4 F, S	12	46.2	+	8	21
3755			Com		F, vS, iF, N	12	46.1	+	19	9
3756		Galaxy	Vir	15	Size: 0.3 bM, mag 15	12	46.3	+	11	53
3757			CVn		pF, S, iF, *13 inv	12	46	+	38	31
3758		Galaxy	CVn	15	pF, S, neb*	12	45.9	+	40	47
3759			Com		vF, vS, iF, N, *15 sf 20"	12	46.3	+	20	47
3760			Vir		bM, mag 14; = IC 815	12	46.4	+	11	52
3761			Com		vF, vS, R, bM, *12 sp	12	46.5	+	20	17
3762			Com		vF, S, iF, in gr of neb	12	46.6	+	22	15
3763			Com		F, S, iF	12	46.8	+	21	59
3764			Vir		vF, cS; = IC 816	12	47	+	9	51
3765			CVn		vF, S, iF, N	12	46.6	+	38	34
3766			Com		vF, vS, R, bM	12	46.9	+	19	7
3767			Vir		vF, bM, mag 16	12	47	+	10	10
3768			CVn		vF, S, iF, N	12	46.7	+	40	36
3769			CVn		F, vS, iF, N	12	46.8	+	40	28
3770			Vir		cF, cS, E 30deg ; ?	12	47.3	+	9	12
3771			CVn		vF, S, dif	12	46.9	+	39	10
3772		Galaxy	CVn	16	Size: 0.6 pF, cS, iF, N	12	47.1	+	36	34
3773		Galaxy	Vir	14	Size: 2.1 vF, S, bM	12	47.2	+	10	13
3774		Galaxy	CVn	16	Size: 1.1 F, cS, iF, N	12	46.9	+	36	17
3775			Vir		vF, bM, mag 16	12	47.3	+	11	44
3776			Com		F, S, iF	12	47.2	+	22	29
3777			Vir		F, S	12	47.4	+	9	9
3778		Galaxy	CVn	16	pF, S, R, bM	12	47	+	40	37
3779		Galaxy	Vir	15	bM, mag 15	12	47.3	+	12	10

IC Objects

ObjectNum	Name	Type	Constellation	Magnitude	Info	RAHour	RAMinute	DecSign	DecDeg	DecMinute
3780			CVn		F, vS, bM, spir	12	47.1	+	40	14
3781			Com		vF, pS, iF, 2 st n and p	12	47.4	+	22	34
3782			CVn		F, vS, R, bM	12	47.3	+	40	23
3783		Galaxy	CVn	14	Size: 0.6 pF, S, iF, N	12	47.4	+	40	34
3784			Com		F, vS, E 70deg , bM	12	47.9	+	19	23
3785			Com		vF, vS, iF, N	12	47.9	+	19	17
3786			CVn		vF, S, iF, p dif	12	47.6	+	39	3
3787			CVn		F, vS, iF, N	12	47.7	+	40	37
3788		Galaxy	Com	17	Size: 0.5 F, S, R, *7 sp 2'	12	48.1	+	18	52
3789			Com		F, cS, bM, spir, *13 sp 0'.5	12	48.1	+	20	12
3790		Star	Vir		eF, vS, ??	12	48.2	+	11	7
3791			UMa		eeF, S, cE	12	47.5	+	54	27
3792		?	Vir		vF, S	12	48.3	+	11	5
3793			Com		vF, vS, iF, N	12	48.2	+	19	9
3794			Com		F, spir, sbM *	12	48.4	+	19	10
3795		Galaxy	CVn	16	Size: 0.5 F, S, iF, N	12	48.1	+	40	43
3796			Com		vF, eS, R, bM, D* 13 np	12	48.5	+	20	2
3797		?	Vir		F, pS, vmE, lbM	12	48.6	+	11	36
3798			Vir		F, S	12	48.7	+	9	14
3799		Galaxy	Crv	14	Size: 2.5 vF, pL, vmE 210deg , 1st of 7	12	49	-	14	23
3800			CVn		F, S, iF, N	12	48.5	+	36	35
3801		?	Vir		cB, pS, stell	12	49	+	10	57
3802			CVn		F, vS, R bM	12	48.7	+	38	15
3803			Vir		eF, pL, ?	12	49.1	+	10	38
3804		Galaxy	CVn		Size: 1.6 pF, pL, E 40deg , bM; = 4711	12	48.8	+	35	20
3805			CVn		gr of eF neb and st	12	48.7	+	38	15
3806		Galaxy	Com		Size: 1.7 vS, R, bM, mag 13.5	12	48.9	+	14	54
3807			Vir		eeF, L, mE, *7 sf	12	49.5	-	4	24
3808		Galaxy	CVn	15	Size: 0.6 pF, S, iF, N, *14 f 0'.5	12	49	+	40	36
3809			CVn		pF, S, iF, N	12	49.1	+	36	29
3810			CVn		cF, cS, iF, N	12	49.1	+	40	39
3811			Com		F, eS, iF, N	12	49.4	+	21	28
3812		Galaxy	Vir	15	Size: 0.8 eeF, eS, cE 15deg	12	49.9	-	6	42
3813		Galaxy	Hya		Size: 1.5 eF, S, E, *8 nf	12	50	-	25	55
3814			Com		vF, vS, E 110deg	12	49.5	+	20	3
3815			Com		vF, vS, R	12	49.6	+	19	16
3816		Galaxy	CVn	15	Size: 0.5 pF, vS, R	12	49.6	+	37	15
3817			Com		neb *15	12	49.7	+	22	50
3818			Com		vF, S, iF, *14 p	12	49.8	+	21	45
3819			Crv		eF, vS, 2nd of 7	12	50.3	-	14	23
3820			CVn		vF, vS, iF, N	12	49.7	+	37	7
3821			Com		vF, vS, iF, N	12	50	+	20	58
3822		Galaxy	Crv	15	Size: 1.1 eF, vS, 3rd of 7	12	50.4	-	14	19
3823			CVn		vF, vS, iF, N	12	49.7	+	40	53
3824			Crv		eF, vS, 4th of 7	12	50.5	-	14	26
3825			Crv		eeF, vS, *14?, 5th of 7	12	50.6	-	14	30
3826		Galaxy	Vir	15	Size: 0.6 vF, vS, mbM	12	50.7	-	9	0
3827		Galaxy	Crv	14	Size: 0.8 F, vS, R, *11 s 0'.6; 6th of	12	50.8	-	14	29
3828		Double Star	CVn		F, vS, iF; neb??	12	50.4	+	37	57
3829		Galaxy	Hya		Size: 2.3 B, S, IE, *9 sf	12	52.2	-	29	50
3830			Com		vF, eS, bM, spir	12	50.9	+	19	50
3831		Galaxy	Crv	14	Size: 1.4 F, vS, R, bM, 7th of 7	12	51.3	-	14	34
3832			CVn		F, S, iF, p dif	12	50.8	+	39	49
3833		Galaxy	Crv	13	Size: 1.8 vF, S, iF, bM	12	51.5	-	13	19
3834		Galaxy	Crv	14	Size: 0.7 vF, iF, lbM, *13 p 0'.8	12	51.5	-	14	13
3835			CVn		vF, vS, iF, N	12	50.9	+	40	12
3836			CVn		vF, vS, iF, N	12	51.1	+	40	11
3837			Com		eF, vS, bM, spir	12	51.5	+	19	43
3838			Crv		vF, S, lbM, *13 s 0'.8	12	52	-	14	28
3839			Com		vF, S, bM, spir	12	51.8	+	20	25
3840			Com		vF, S, iF, * inv sp	12	51.8	+	21	44
3841			Com		vF, vS, iF, ?	12	51.8	+	22	21
3842			CVn		vF, cS, dif; neb* np 0'.5	12	51.6	+	40	22
3843			CVn		F, vS, mE 160deg , am 3 st	12	51.7	+	39	0
3844			CVn		vF, S, iF, N	12	52.1	+	39	49
3845			CVn		vF, S, iF, N	12	52.2	+	38	37
3846			Com		B, pS, N = *9.2	12	52.7	+	13	39
3847			Com		vF, vS, iF, neb *15 sp	12	52.6	+	22	4
3848			Com		vF, vS, E 120deg	12	52.7	+	21	25
3849			CVn		vF, vS, iF, N, *14 nf	12	52.6	+	40	46
3850		Galaxy	CVn	15	Size: 0.9 pF, vS, iF, N	12	52.7	+	40	6
3851			Com		vF, vS, iF, *, *12 s	12	53.1	+	21	55
3852		Galaxy	CVn	16	Size: 1.4 F, pS, E 60deg , bM	12	53.1	+	35	47
3853			CVn		eF, S, p dif	12	53.2	+	38	50
3854			CVn		vF, pL, dif, diffic, *15 f	12	53.2	+	40	51
3855			CVn		pF, eS, R, bM	12	53.4	+	36	47
3856			Com		vF, S, iF, *15 inv p	12	53.8	+	20	6
3857			Com		eF, vS, R, bM, 2 eF st nr	12	53.9	+	19	36
3858			Com		F, vS, R, bM, neb *14 & *13 sp	12	53.9	+	20	47
3859		Open Cluster	Vir		vF; eF Cl?	12	54.4	-	9	6
3860			Com		vF, vS, R, bM	12	54.1	+	19	18
3861			CVn		F, eS; neb??	12	53.9	+	38	17
3862		Galaxy	CVn	16	Size: 1.0 vF, pS, dif, *15 att	12	53.8	+	36	6
3863			CVn		F, S, iF, *14 att	12	53.9	+	38	29

IC Objects

ObjectNum	Name	Type	Constellation	Magnitude	Info	RAHour	RAMinute	DecSign	DecDeg	DecMinute
3864			Com		vF, vS, iF, *14 s 30"; many other neb ab	12	54.2	+	18	57
3865			Com		vF, vS, R, bM	12	54.2	+	18	52
3866		Open Cluster	Com		vF, S, iF, N; Cl?	12	54.3	+	22	22
3867			Com		vF, S, iF, N	12	54.3	+	18	56
3868			Com		vF, vS, iF, N	12	54.3	+	19	0
3869			Com		vF, vS, iF, N	12	54.4	+	18	58
3870			Com		vF, S, iF, p dif	12	54.4	+	22	23
3871			Com		vF, vS, R, bM	12	54.4	+	18	56
3872			Com		vF, vS, iF, N	12	54.5	+	18	58
3873			Com		vF, vS, iF, N	12	54.5	+	18	53
3874			Com		vF, vS, iF, *15 sf 20"	12	54.6	+	18	57
3875			Com		vF, S, iF, N, *14 p	12	54.6	+	22	2
3876			Com		vF, vS, R, bM	12	54.8	+	19	1
3877			Com		pF, cL, E 20deg , bM	12	54.8	+	19	18
3878			CVn		vF, vS, bM, spir	12	54.5	+	40	4
3879		Galaxy	CVn	16	Size: 0.6 F, S, R, bM	12	54.5	+	38	38
3880			Com		vF, S, viF	12	54.8	+	22	30
3881	UGC 8036	Galaxy	Com	13	Size: 3.9 vF, vS, R, bM	12	54.8	+	19	11
3882			Com		vF, vS, iF, N	12	54.9	+	22	34
3883			Vir		eF, vS, mE 5deg	12	55.3	-	8	9
3884			Com		F, S, R, bM, * 14s	12	55	+	19	41
3885			CVn		F, S, R, neb*	12	54.7	+	37	9
3886			Com		vF, S, iF, N	12	55	+	19	1
3887			CVn		vF, vS, iF, N	12	54.7	+	40	18
3888		Galaxy	CVn	16	Size: 0.9 F, S, IE 60deg , N	12	54.7	+	39	34
3889			CVn		vF, S, iF, diffic	12	54.9	+	36	1
3890			CVn		vF, S, iF, N	12	54.8	+	37	11
3891			CVn		vF, S, iF, diffic	12	55	+	36	3
3892			CVn		F, S, iF	12	55.1	+	39	13
3893			CVn		vF, S, iF, N	12	55.1	+	38	34
3894			Com		vF, vS, iF, N	12	55.5	+	19	4
3895			CVn		F, cS, iF, N, *15 nf conn	12	55.2	+	39	12
3896		Galaxy	Cen	13	Size: 2.2 bM, mag 14	12	56.6	-	50	19
3897			CVn		F, vS, E 40deg , bM	12	55.3	+	39	40
3898			CVn		eF, vS, v diffic, att eF*	12	55.4	+	37	35
3899			Com		vF, S	12	55.7	+	20	38
3900		Galaxy	Com		Size: 0.7 pB, S, bMN	12	55.7	+	27	15
3901		Star	Com		eF, vS, E 95deg	12	55.9	+	21	56
3902			CVn		pF, vS, neb*	12	55.6	+	36	0
3903			CVn		vF, vS, iF, N	12	55.6	+	40	24
3904		Galaxy	CVn	15	Size: 0.5 F, S, bM, spir	12	55.9	+	36	18
3905			Com		vF, S, iF	12	56.1	+	19	51
3906			CVn		vF, S, iF, N	12	55.8	+	40	28
3907			Com		eF, S, iF, N, *13 sf 1'	12	56.3	+	18	47
3908			Vir		eF, eS, cE 160deg ; F trail?	12	56.7	-	7	35
3909			CVn		vF, vS, R, bM	12	56	+	40	23
3910			CVn		vF, vS, R, bM; neb D*?	12	56.1	+	39	43
3911			CVn		vF, pS, dif, diffic	12	56.2	+	35	38
3912			CVn		F, vS, iF, N	12	56.1	+	39	55
3913		Galaxy	Com	15	Size: 0.6 F, S, R	12	56.5	+	27	17
3914			CVn		eF, vS, iF, N	12	56.4	+	36	22
3915			Com		F, vS, spir, *14 inv s	12	56.7	+	20	7
3916		Galaxy	CVn	16	Size: 1.1 pF, S, bM, spir?	12	56.5	+	38	37
3917		Galaxy	Com		eF, vS, iF, N	12	56.9	+	22	22
3918			Com		pF, vS, bM, spir; = IC 3917	12	56.9	+	22	22
3919			CVn		F, vS, bM, spir	12	56.8	+	38	32
3920			CVn		F, vS, iF, N	12	56.8	+	39	58
3921			CVn		F, vS, bM, spir	12	57	+	38	38
3922			CVn		vF, vS, iF	12	57	+	38	29
3923			CVn		pF, eS, E, bM	12	57	+	37	57
3924			Com		eF, S, R	12	57.4	+	18	47
3925			CVn		pF, vS, E 60deg , bM	12	57.3	+	36	25
3926			Com		vF, vS, iF, N	12	57.5	+	22	49
3927		Galaxy	Hya		Size: 1.4 vF, vS, *10 np, *7 s 10'	12	58.2	-	22	53
3928			CVn		vF, pL, dif, *13 att	12	57.3	+	40	26
3929			Com		vF, vS, bM, spir	12	57.7	+	20	24
3930			CVn		F, vS, N; neb*?	12	57.4	+	38	46
3931			Com		cF, S, iF, N	12	58	+	19	37
3932			Com		vF, eS, R bM	12	58.1	+	19	35
3933			CVn		F, vS, iF, N	12	57.9	+	36	39
3934			Com		F, S, iF	12	58.3	+	18	50
3935			Com		pB, S, R, N, r, IC 838 f; = 4849	12	58.2	+	26	23
3936			Com		neb *13, *12.5 f 1'	12	58.3	+	19	3
3937			Com		vF, vS, iF, N	12	58.4	+	18	49
3938			Com		eF, vS, R, bM, *13 sp	12	58.4	+	18	45
3939			Com		vF, eS, bM, spir	12	58.5	+	18	45
3940			CVn		cF, vS, R, bM	12	58.3	+	35	50
3941			CVn		F, vS, iF, N	12	58.2	+	39	46
3942			CVn		eF, eS, iF, N	12	58.3	+	36	6
3943		Galaxy	Com		pF, vS, iF	12	58.6	+	28	7
3944			Com		F, vS, iF, N	12	58.7	+	23	47
3945			CVn		F, vS, iF, N	12	58.5	+	39	56
3946		Galaxy	Com	13.9	Size: 1.0 F, pS, bM	12	58.8	+	27	49
3947		Galaxy	Com		vF, S	12	58.9	+	27	47

IC Objects

ObjectNum	Name	Type	Constellation	Magnitude	Info	RAHour	RAMinute	DecSign	DecDeg	DecMinute
3948			Com		vF, vS, iF, N	12	59	+	24	4
3949		Galaxy	Com		Size: 1.3 F, pS, E	12	58.9	+	27	50
3950			Com		F, vS, R, bM	12	59.1	+	18	44
3951			Com		F, vS, iF, N; neb D*?	12	59.2	+	18	46
3952			CVn		F, cS, iF, N	12	58.9	+	38	52
3953			Com		vF, S, R, bM, dif	12	59.2	+	23	5
3954			Com		F, vS, R, bM	12	59.2	+	19	16
3955		Galaxy	Com		vF, S, N 14 mag	12	59.1	+	28	0
3956			CVn		F, vS, R, bM	12	58.9	+	37	24
3957		Galaxy	Com	16	cF, vS, R, bM	12	59.1	+	27	46
3958			Com		vF, vS, iF, N	12	59.2	+	24	2
3959		Galaxy	Com		Size: 0.6 F, pS, R, lbM	12	59.1	+	27	47
3960		Galaxy	Com		Size: 0.4 vF, pS, diffic	12	59.1	+	27	51
3961		Galaxy	CVn	13	Size: 4.2 pF, pL, IE 30deg , bM; = 4861	12	59.1	+	34	52
3962			Com		vF neb*	12	59.3	+	23	40
3963		Galaxy	Com		Size: 0.7 vF, vS, R, bM	12	59.2	+	27	47
3964		Star	Com		eF, vS	12	59.2	+	27	51
3965			Com		F, vS, iF, N	12	59.4	+	18	51
3966		Galaxy	CVn	15	Size: 0.4 F, S, iF, N	12	59.3	+	35	52
3967		Galaxy	CVn	15	Size: 0.4 pF, vS, iF, N	12	59.2	+	36	7
3968		Galaxy	Com		eF, vS, *14 nr	12	59.4	+	27	58
3969			Com		eF, S, iF	12	59.5	+	19	39
3970			CVn		F, vS, E 120deg , *15 att p	12	59.2	+	40	24
3971			Com		vF, vS, iF, N	12	59.5	+	22	51
3972			CVn		vF, vS, R, bM	12	59.3	+	37	17
3973		Galaxy	Com		F, vS, R, N 13 mag	12	59.5	+	27	53
3974		Galaxy	Cen		Size: 2.1 eeF, pS, IE; = 4947	13	5.3	-	35	20
3975		Galaxy	CVn	15	Size: 0.5 pF, vS, E 40deg , bM	12	59.2	+	38	53
3976		Galaxy	Com		*14 inv in vF neb	12	59.5	+	27	51
3977			CVn		vF, S, iF, N	12	59.3	+	36	48
3978			Com		eF, S, iF	12	59.6	+	19	38
3979			CVn		F, eS, R, bM	12	59.4	+	36	20
3980			CVn		eF, vS, iF	12	59.3	+	39	9
3981			CVn		eF, vS, iF, N, diffic	12	59.4	+	37	14
3982			CVn		F, vS, R, bM, bet 2 st 13	12	59.3	+	40	5
3983			CVn		F, S, iF, N	12	59.3	+	39	15
3984			Com		eF, S, iF	12	59.7	+	19	38
3985			Com		cF, eS, R, bM	12	59.7	+	19	35
3986		Galaxy	Cen		Size: 2.0 eeF, pS, R, *10 nf	13	1.5	-	32	17
3987			CVn		pF, vS, R, bM	12	59.4	+	38	44
3988			CVn		vF, S, iF	12	59.5	+	37	15
3989			CVn		vF, vS, iF, N	12	59.5	+	36	47
3990		Galaxy	Com		Size: 1.3 F, S, R, N, r	12	59.6	+	28	54
3991		Galaxy	Com	15	F, S, R, FN, r	12	59.6	+	28	56
3992			CVn		F, vS, iF, N	12	59.5	+	36	46
3993			CVn		F, vS, iF, N	12	59.5	+	40	36
3994			Com		eF, vS, iF; eF* inv?	12	59.8	+	22	43
3995			CVn		F, S, iF, N	12	59.6	+	38	53
3996			CVn		F, vS, sbM *	12	59.5	+	40	28
3997			CVn		vF, S, iF	12	59.6	+	36	42
3998		Galaxy	Com	14.7	eF, pS	12	59.8	+	27	58
3999		Galaxy	Vir		eF, susp	13	0.5	-	14	18
4000			CVn		vF, vS, iF; neb*?	12	59.6	+	39	35
4001			CVn		pF, vS, R, bM	12	59.6	+	38	52
4002			CVn		pF, S, iF, N	12	59.7	+	36	46
4003			CVn		pF, vS, iF, N	12	59.7	+	38	49
4004			CVn		pF, vS, iF, N	12	59.7	+	38	49
4005			Com		vF, vS, iF, N	13	0	+	22	38
4006			CVn		vF, S, iF	12	59.8	+	37	1
4007			Com		vF, vS, R, bM	13	0.1	+	19	58
4008			Com		vF, vS, iF, N	13	0.1	+	22	21
4009			CVn		vF, vS, R, bM	12	59.9	+	36	40
4010			CVn		F, vS, iF, N	12	59.9	+	37	53
4011		Galaxy	Com	15	eF, vS, N 15m	13	0.1	+	28	0
4012		Galaxy	Com	14.8	*14 in vF neb	13	0.1	+	28	5
4013			CVn		vF, vS, iF, N	13	0	+	37	12
4014			Com		vF, vS, iF, N	13	0.2	+	22	30
4015			CVn		n part of Dneb, eF, S, iF, N; = 4893	13	0	+	37	12
4016			CVn		s part of Dneb, eF, S, iF, N; = 4893	13	0	+	37	12
4017			Com		vF, vS, E 80deg , bM	13	0.3	+	22	33
4018			CVn		vF, S, iF, N	13	0	+	40	29
4019			Com		F, vS, iF, *14 att nf, * 11 sp	13	0.3	+	23	43
4020			CVn		eF, pL, dif	13	0	+	38	36
4021		Galaxy	Com	14.9	Size: 0.3 *14 in vF neb	13	0.2	+	28	2
4022			CVn		eF, eS, iF, N	13	0.1	+	38	29
4023			Com		vF, vS, iF; ?	13	0.4	+	19	6
4024			CVn		vF, vS, iF, N	13	0.1	+	40	31
4025			Com		vF, vS, iF, N	13	0.5	+	19	6
4026		Galaxy	Com	14.7	*14 in vF neb	13	0.4	+	28	3
4027			CVn		F, S, iF, N, 4893 np	13	0.2	+	37	8
4028		Galaxy	CVn	15	Size: 1.2 F, cS, iF, N	13	0.3	+	36	15
4029			CVn		vF, vS, iF, N	13	0.2	+	38	46
4030		Galaxy	Com		eF, vS, R, *15 inv	13	0.5	+	27	57
4031			CVn		vF, S, R, bM	13	0.3	+	39	9

IC Objects

ObjectNum	Name	Type	Constellation	Magnitude	Info	RAHour	RAMinute	DecSign	DecDeg	DecMinute
4032		Galaxy	Com	15	F, S, R, gbM	13	0.4	+	28	52
4033		Galaxy	Com		eF, pS, R	13	0.5	+	27	58
4034			CVn		cF, S, iF, N	13	0.3	+	37	3
4035			CVn		vF, S, viF, diffic	13	0.3	+	40	18
4036			CVn		vF, vS, iF, N	13	0.4	+	36	55
4037			CVn		F, vS, iF, N	13	0.3	+	39	0
4038			CVn		F, vS, iF, N	13	0.4	+	37	2
4039			Com		cF, vS, neb*	13	0.7	+	21	41
4040		Galaxy	Com		Size: 1.1 vF, S, R, gbM	13	0.6	+	28	3
4041		Galaxy	Com		Size: 0.7 vF, pS	13	0.7	+	28	0
4042		Galaxy	Com	14.3	F, S, bM	13	0.7	+	27	58
4043		Galaxy	CVn	16	Size: 1.0 vF, S, iF	13	0.7	+	37	6
4044		Galaxy	Com		eF, S, lbM	13	0.8	+	27	55
4045		Galaxy	Com	13.9	Size: 0.7 pF, S, bM	13	0.8	+	28	5
4046			CVn		F, vS, R, bM	13	0.7	+	36	41
4047		Galaxy	Com	16	cF, S, E 110deg , bM	13	1	+	19	41
4048			CVn		vF, vS, iF, N	13	0.6	+	39	50
4049		Galaxy	CVn	15	Size: 1.2 pB, vS, sbM *	13	0.7	+	36	21
4050			CVn		vF, S, iF, N; D*?	13	0.7	+	36	40
4051	UGC 8129	Galaxy	Com	13.4	Size: 1.3 pF, S, R, bM, 4908 np	13	0.9	+	28	0
4052			CVn		vF, vS, iF, N	13	0.7	+	39	40
4053			Com		eF, eS, R, bM; others nr?	13	1	+	22	56
4054			Com		vF, eS, R, bM, *10 f 0'.5	13	1	+	22	54
4055			Com		eF, vS, iF, N; ?	13	1	+	22	54
4056		Galaxy	CVn	16	Size: 1.1 F, vS, exc N	13	0.7	+	39	45
4057			Com		vF, vS, R	13	1.1	+	23	9
4058			Com		cF, vS, R, bM	13	1.2	+	19	30
4059			Com		F, vS, iF, N	13	1.3	+	19	16
4060		Galaxy	CVn	15	Size: 0.7 vF, cS, iF, N	13	0.8	+	40	35
4061			CVn		vF, S, iF	13	1	+	39	35
4062			CVn		vF, cS, iF, N	13	1	+	39	52
4063			CVn		F, S, iF, N	13	1.1	+	39	15
4064			CVn		pF, S, R, bM; spir?	13	1.1	+	39	50
4065		Galaxy	CVn	15	Size: 0.7 vF, vS, sbM *	13	1.2	+	39	44
4066			Com		vF, vS, iF	13	1.7	+	19	16
4067			CVn		vF, vS, iF, N	13	1.3	+	39	56
4068			CVn		vF, vS, iF, N	13	1.3	+	39	54
4069			CVn		vF, vS, pR, eFN	13	1.4	+	36	5
4070			Com		F, S, iF, N	13	1.7	+	19	18
4071		Galaxy	Vir	15	Size: 0.5 eeF, eS, cE 10deg	13	2	-	7	35
4072			CVn		eF, S, iF, diffic	13	1.4	+	37	21
4073			CVn		F, vS, iF, N	13	1.4	+	39	55
4074			Com		F, S, iF, N	13	1.8	+	19	0
4075			Com		F, vS, bM, spir	13	1.8	+	19	58
4076			Com		F, vS, iF, N, Cl?; *15 np	13	1.8	+	23	23
4077			CVn		F, S, R, bM	13	1.6	+	37	23
4078		Galaxy	CVn	16	Size: 1.0 pF, vS, iF, N	13	1.7	+	36	38
4079			Com		vF, vS, att to IC 4080	13	1.9	+	19	15
4080			Com		F, vS, *14 p 0'.3, *15 sf	13	2	+	19	15
4081			Com		F, vS, R, bM	13	1.9	+	22	46
4082			CVn		F, S, iF	13	1.6	+	37	20
4083			CVn		F, vS, iF, neb*	13	1.6	+	38	9
4084			CVn		pF, vS, R, bM	13	1.7	+	36	58
4085			CVn		vF, vS, R, bM	13	1.6	+	39	42
4086		Galaxy	CVn	16	Size: 1.0 F, pS, iF, N, *15 n	13	1.7	+	36	38
4087			Com		vF, vS, bM; spir?	13	2	+	20	0
4088		Galaxy	Com	15	eF, susp; *11 or 12 f 1'.4	13	1.8	+	29	3
4089			Com		eF, S, iF, N, bet 2 st 14	13	2.1	+	19	30
4090			CVn		vF, S, iF, N	13	1.8	+	36	50
4091			Com		vF, vS, iF, N	13	2.2	+	19	54
4092			Com		vF, S, iF, N	13	2.2	+	19	11
4093			Com		susp, close p *8	13	2.1	+	29	0
4094			CVn		F, vS, iF, N	13	2	+	37	48
4095			Com		F, S, iF, N	13	2.3	+	19	6
4096			Com		F, S, iF, N	13	2.3	+	24	1
4097			CVn		pF, vS, iF, N	13	2.1	+	36	36
4098			CVn		F, vS, R, bM	13	2.1	+	37	59
4099			Com		vF, vS, iF, N	13	2.4	+	24	5
4100		Galaxy	CVn	15	Size: 1.5 pF, cS, iF, 3 wings	13	2	+	40	25
4101			CVn		vF, vS, iF, N	13	2.2	+	39	56
4102			CVn		F, vS, R, sbM *	13	2.3	+	36	9
4103		Galaxy	CVn	15	Size: 0.7 F, vS, iF, N	13	2.4	+	38	2
4104			CVn		F, S, iF, N	13	2.3	+	38	35
4105			CVn		vF, vS, iF, neb*	13	2.3	+	38	16
4106		Galaxy	Com	15	eF, pS, dif	13	2.6	+	28	7
4107			Com		eF, cL, dif	13	2.7	+	22	0
4108			CVn		F, vS, iF, N	13	2.5	+	38	29
4109			Com		vF, S, iF	13	3	+	19	0
4110			Com		eF, vS, R, *13 p	13	3	+	19	14
4111		Galaxy	Com	16	eF	13	2.9	+	28	4
4112			CVn		F, S, iF, N, diffic	13	2.7	+	37	13
4113			Com		vF, vS, iF, N	13	3.1	+	20	28
4114			CVn		vF, S, viF, N	13	2.7	+	40	6
4115			CVn		F, pL, iF, N	13	2.8	+	37	13

IC Objects

ObjectNum	Name	Type	Constellation	Magnitude	Info	RAHour	RAMinute	DecSign	DecDeg	DecMinute
4116			Com		F, S, R	13	3.2	+	19	5
4117			CVn		vF, S, iF, neb*	13	2.8	+	40	32
4118			CVn		F, vS, R, bM	13	2.9	+	38	18
4119			Com		eF, S, E 30deg ; ?	13	3.3	+	19	14
4120			CVn		cF, vS, iF, N	13	3	+	37	5
4121			Com		vF, vS, iF N	13	3.4	+	19	17
4122		Galaxy	Com	15	cF, S, bM, spir, *15 p 20"	13	3.4	+	20	11
4123			CVn		F, S, fan, Ns	13	3.1	+	38	19
4124			Com		vF, vS, E 110deg , bM	13	3.5	+	22	51
4125			Com		F, S, iF, N	13	3.6	+	18	48
4126			Com		eF, vS, iF, N	13	3.6	+	19	19
4127		Galaxy	CVn	15	Size: 0.4 F, vS, iF, neb*	13	3.3	+	38	4
4128			Com		F, S, bM, spir	13	3.7	+	20	13
4129			Com		vF, S, iF	13	3.7	+	18	53
4130			Com		cF, S, R	13	3.8	+	19	16
4131			CVn		F, cS, iF, N	13	3.4	+	38	57
4132			CVn		F, vS, R, bM	13	3.6	+	38	23
4133		Galaxy	Com	15	vF, vS, mbM	13	3.8	+	27	59
4134			Vir		vF, S, mbM	13	4.4	-	11	27
4135		Galaxy	CVn	16	Size: 1.0 vF, cS, iF, N	13	3.6	+	40	15
4136		?	Vir		eeF, cS	13	4.4	-	5	58
4137			Com		cF, vS, iF, N	13	4	+	22	44
4138			Com		F, vS, iF, N, *16 inv np; D*?	13	4	+	20	40
4139			Com		F, S, iF, N, 2 st nf	13	4.1	+	19	18
4140			Com		vF, vS, R; ?	13	4.1	+	20	6
4141			Com		F, S, iF, N	13	4.1	+	19	13
4142			CVn		vF, vS, iF, N	13	3.8	+	38	12
4143			CVn		F, S, iF	13	3.8	+	40	12
4144		Galaxy	CVn	16	Size: 1.1 F, cS, iF	13	3.9	+	36	57
4145			CVn		vF, S, iF	13	3.8	+	38	17
4146			Com		F, vS, R, bM	13	4.2	+	19	17
4147			Com		vF, S, dif	13	4.2	+	20	15
4148			Com		eF, vS, R	13	4.2	+	19	15
4149		Galaxy	Com	15	Size: 0.4 pF, vS, iF, N, *9 p 2', *15 s	13	4	+	22	16
4150			Com		vF, vS, R	13	4.2	+	21	59
4151			CVn		vF, cS, iF	13	4	+	36	51
4152			CVn		F, vS, iF, N	13	4	+	38	12
4153			Com		F, S, R, bM	13	4.4	+	19	3
4154			Com		pF, S, R	13	4.5	+	23	34
4155			CVn		vF, S, iF, dif	13	4.2	+	40	1
4156		?	Vir		eeF, cS, mE 140deg	13	5	-	6	16
4157			CVn		eF, pL, iF; biN?	13	4.3	+	38	40
4158			CVn		F, S, iF, N	13	4.4	+	36	29
4159			Com		F, vS, iF, N	13	4.8	+	22	15
4160			Com		vF, S, iF, dif	13	4.8	+	22	54
4161			CVn		F, vS, iF, N	13	4.6	+	39	59
4162			Com		vF, S, iF, N, *14 sp	13	5.1	+	20	33
4163			Com		F, vS, bM; spir?	13	5.1	+	20	46
4164		Open Cluster	Com		vF, S, neb Cl?; *14 n	13	5.2	+	20	33
4165			CVn		F, cS, p dif	13	5	+	39	55
4166		Galaxy	CVn	15	Size: 1.0 F, S, dif	13	5.4	+	31	27
4167			Com		vF, vS, iF, N	13	5.5	+	21	55
4168			CVn		F, vS, R, bM, *13 sp	13	5.2	+	40	13
4169			CVn		vF, S, iF, N	13	5.2	+	38	46
4170			Com		F, vS, iF, N	13	5.6	+	21	8
4171		Galaxy	CVn	16	Size: 1.0 F, cS, E 60deg , bM	13	5.4	+	36	7
4172			Com		F, S, R, bM	13	5.6	+	22	51
4173			Vir		neb *13, sp of 2	13	6.2	-	11	34
4174			CVn		vF, S, iF, N	13	5.5	+	36	24
4175			Com		vF, S, R	13	5.8	+	20	22
4176			Vir		pF, pS, bM, nf of 2	13	6.3	-	11	33
4177		Galaxy	Vir	15	Size: 0.8 vF, vS, R, susp	13	6.3	-	13	35
4178		Galaxy	CVn	16	Size: 1.2 vF, cS, R, bM, dif	13	5.7	+	36	0
4179			CVn		F, vS, iF, N, *14 p	13	5.8	+	37	12
4180		Galaxy	Hya		Size: 1.5 eeF, eS, R, 1st of 3	13	6.9	-	23	55
4181			Com		cF, vS, R, bM	13	6.1	+	21	30
4182	UGC 8188	Galaxy	CVn	13	Size: 6.7 cF, vL, iF, N	13	5.8	+	37	36
4183			Com		F, vS, iF, N	13	6.2	+	21	30
4184			CVn		pF, S, iF, N	13	5.9	+	38	50
4185			Com		vF, S, iF, att *15 n	13	6.2	+	21	47
4186			CVn		F, S, iF, N	13	6	+	36	59
4187			CVn		F, S, iF, N, D* s	13	6	+	36	18
4188			CVn		vF, S, iF, cF neb p 1'	13	6	+	36	20
4189		Galaxy	CVn		Size: 1.6 pF, pS, E 60deg , bM	13	6	+	35	58
4190		Galaxy	CVn	13	Size: 5.0 vF, cS, iF, diffic	13	5.9	+	37	37
4191	PK 304-4.1	Planetary Nebula	Mus	12	Size: 0.1 PN, stellar	13	8.8	-	67	39
4192		?	CVn		vF, S, iF, v diffic	13	6.1	+	37	36
4193		Galaxy	CVn	16	pF, S, iF, N, eF* att np	13	6.1	+	39	26
4194			CVn		F, S, iF, N	13	6.1	+	38	52
4195			CVn		vF, S, iF	13	6.3	+	37	2
4196		Galaxy	Hya		Size: 2.0 eeF, eS, R, *11 p 4'; 2nd of	13	7.6	-	24	1
4197		Galaxy	Hya		Size: 1.7 eeF, eS, R, 3rd of 3, *8 f 37	13	8.1	-	23	48
4198		Galaxy	Com	15	Size: 1.1 F, cS, R, 4979 nr	13	7.7	+	24	49
4199			CVn		F, S, iF, N	13	7.5	+	35	51

IC Objects

ObjectNum	Name	Type	Constellation	Magnitude	Info	RAHour	RAMinute	DecSign	DecDeg	DecMinute
4200		Galaxy	Cen		Size: 1.4 F, bM, mag 14.5	13	9.6	-	51	58
4201		Galaxy	CVn	15	Size: 0.4 F, S, iF, N	13	7.8	+	35	50
4202		Galaxy	Com	15	Size: 1.8 F, cS, E, gbM	13	8.4	+	24	42
4203			CVn		eF, S, dif	13	8.3	+	40	26
4204		Galaxy	CVn	16	Size: 1.5 F, cS; spir?	13	8.4	+	39	27
4205			UMa		vF, pL, R (= IC 853?)	13	8.7	+	52	52
4206			CVn		pF, S, iF, N	13	9.4	+	39	1
4207			CVn		vF, cS, iF	13	9.5	+	37	49
4208			CVn		F, cS, bM, spir	13	9.6	+	37	15
4209		Galaxy	Vir		Size: 1.6 eF, cS, cE 100deg	13	10.4	-	7	10
4210		Nebula	Com		Size: 1. eF, S, dif	13	10.8	+	29	42
4211		Star	CVn		cF, S, E 315deg, bM	13	10.9	+	37	11
4212			Vir		eF, cS, cE 20deg	13	12.1	-	6	59
4213	UGC 8280	Galaxy	CVn	14	Size: 2.6 F, L, vmE ns, gvlbM	13	12.1	+	35	40
4214		Galaxy	Cen		Size: 2.4 pB, pS, R, *9 sf	13	17.7	-	32	6
4215		Galaxy	Com	15	Size: 1.8 F, S, E 210deg	13	16.2	+	25	24
4216		Galaxy	Vir	13	Size: 1.8 vF, cL, cE 40deg	13	17	-	10	46
4217		Galaxy	Vir	15	Size: 0.6 eF, eS, R	13	17.2	-	13	9
4218		Galaxy	Vir	14	Size: 1.4 eF, eS, cE 170deg; susp	13	17.1	-	2	16
4219		Galaxy	Cen		Size: 1.0 eeF, pL, R, *9 sp	13	18.5	-	31	38
4220		Galaxy	Vir	14	Size: 0.7 eF, eS, cE 130deg	13	17.9	-	13	36
4221		Galaxy	Vir	13	Size: 1.1 cF, S, mE 165deg, cbM	13	18.5	-	14	36
4222			Hya		eeF, eS, R	13	19.5	-	28	26
4223		Galaxy	Vir	15	eF, S, r	13	18.9	+	7	47
4224		Galaxy	Vir	15	Size: 0.8 eF, S, cE 110deg, susp	13	19.1	-	2	31
4225		Galaxy	CVn	15	Size: 1.1 F, cS, R	13	20	+	31	58
4226			CVn		F, vS, stell N	13	20.5	+	32	0
4227		Galaxy	CVn	16	F, S, gbM, r	13	20.9	+	32	11
4228		Galaxy	Com	15	F, S, r	13	21.6	+	25	31
4229			Vir		eF, eS, R, susp	13	22.6	-	2	24
4230		Galaxy	Com	15	Size: 1.1 F, S, R, N	13	22.1	+	26	44
4231		Galaxy	Hya		Size: 1.6 pL, vmE	13	23.2	-	26	18
4232		Galaxy	Hya		Size: 1.1 bM, mag 14	13	23.4	-	26	7
4233			Cen		eeF, pS, R, 4 st sf	13	24	-	30	19
4234		Galaxy	Com	15	Size: 0.6 F, cS, R, N, r	13	23.1	+	27	7
4235			Vir		eF, vS, R	13	23.9	-	12	45
4236			Vir		eeF, pS, mE, v diffic	13	23.6	+	6	14
4237		Galaxy	Vir		Size: 2.1 vF, S, lbM, r	13	24.5	-	21	8
4238			CVn		F, vS, dif, 5131 np	13	24	+	30	56
4239			CVn		F, cS, dif	13	24.4	+	30	57
4240			CVn		F, vS, dif	13	24.5	+	30	59
4241		Galaxy	Com	15	Size: 0.5 F, S, iF, *12.5 att	13	24.8	+	26	44
4242			CVn		F, S, R, N	13	24.7	+	31	1
4243			Hya		bM, mag 14	13	25.9	-	27	38
4244		Galaxy	Com	16	F, S, R, gbM	13	25	+	26	27
4245			Hya		neb 0'.3 p IC 4246	13	26.1	-	26	40
4246			Hya		neb 0'.3 f IC 4245	13	26.1	-	26	40
4247		Galaxy	Cen	15	Size: 1.2 S, E, mag 14	13	26.7	-	30	22
4248			Hya		F, spir, *13 in M	13	26.8	-	29	54
4249		Galaxy	Hya	14	Size: 0.4 vF, bM, mag 13, nr B*	13	27.2	-	27	56
4250		Galaxy	Com	15	F, S, dif	13	26.3	+	26	29
4251			Hya		vF, bM, mag 14, 5150 sf	13	27.4	-	29	28
4252		Galaxy	Hya		Size: 1.5 bM, mag 13.5	13	27.5	-	27	19
4253		Galaxy	Hya		Size: 1.4 bM; spir?	13	27.5	-	27	52
4254			Hya		bM, dif, mag 14.5	13	27.8	-	27	14
4255		Galaxy	Hya	15	Size: 0.3 bM, mag 13.5	13	28	-	27	22
4256			CVn		vF, S, R	13	27	+	31	3
4257			CVn		eF, S, R, dif	13	27.3	+	46	52
4258			CVn		F, S, gbMN	13	27.9	+	28	23
4259			Hya		bM, mag 14	13	29.5	-	30	8
4260			Hya		bM, mag 14.5	13	29.5	-	28	17
4261			Hya		bM, mag 14	13	29.9	-	28	2
4262			Hya		bM, wisps extend 0'.1	13	30.3	-	28	17
4263		Galaxy	CVn		Size: 2.0 eF, pL, mE, mbM	13	28.6	+	46	56
4264		Galaxy	Hya		Size: 1.8 bM, mag 14.5	13	30.3	-	27	56
4265			Hya		bM, mag 14	13	30.4	-	25	46
4266			CVn		F, S, R, N	13	29.1	+	37	37
4267		Galaxy	Hya	15	Size: 1.2 wisp, 0'.7 long	13	30.6	-	26	16
4268			CVn		F, S, R, N	13	29.2	+	37	40
4269		Galaxy	CVn	15	Size: 0.3 F, S, N	13	29.4	+	37	39
4270		Galaxy	Hya	14	Size: 0.8 bM, mag 14	13	30.8	-	25	20
4271		Galaxy	CVn	15	Size: 0.7 F, S, R, gbM, r	13	29.4	+	37	26
4272			Hya		bM, D(?), mag 14	13	31.2	-	29	58
4273			Hya		bM, mag 13	13	31.4	-	28	54
4274		Planetary Nebula	Hya		PN, stellar	13	31.4	-	25	59
4275			Hya		bM, mag 12.5	13	31.7	-	29	44
4276			Hya		bM, wisps 0'.2 each side	13	32.2	-	28	10
4277			CVn		eF, S, vmE, nf M51	13	30.3	+	47	19
4278		Galaxy	CVn		eF, vS, R, bM, f M51	13	30.4	+	47	15
4279		Galaxy	Hya		Size: 1.6 bM; wisps 0'.3 l?	13	32.5	-	27	8
4280			Hya		eF, pS, R, * nf, vF* n	13	32.5	-	24	13
4281			Hya		bM, mag 13.5	13	32.6	-	27	10
4282			CVn		eF, S, R, dif	13	31.3	+	47	11
4283		Galaxy	CVn	15	F, S, R, *14 att	13	32.2	+	28	24

IC Objects

ObjectNum	Name	Type	Constellation	Magnitude	Info	RAHour	RAMinute	DecSign	DecDeg	DecMinute
4284			CVn		eF, vS, R	13	31.5	+	46	47
4285			CVn		eF, vS, IE	13	31.8	+	46	49
4286			Hya		bM, mag 14	13	33.7	-	27	38
4287		Galaxy	Com	15	F, S, R, gbM; another vnr?	13	32.7	+	25	26
4288		Galaxy	Hya	15	Size: 0.6 bM, mag 14	13	34.6	-	27	19
4289		Galaxy	Hya	15	Size: 0.3 bM, mag 14	13	34.9	-	27	8
4290		Galaxy	Hya		Size: 2.3 annular, F, pL, stell N	13	35.3	-	28	1
4291			Cen		pS, R, bM	13	37	-	62	3
4292			Hya		bM, mag 13.5	13	35.8	-	27	41
4293		Galaxy	Hya		Size: 1.8 bM, mag 13	13	36	-	25	53
4294			Hya		bM, mag 14	13	36.5	-	28	47
4295			Hya		S, IE, mag 14	13	36.5	-	29	6
4296	ESO 383-39	Galaxy	Cen	10.6	pF, pS, R	13	36.6	-	33	58
4297		Galaxy	Com	15	Size: 1.1 F, S, R, dif	13	35.3	+	26	26
4298		Galaxy	Hya	14	Size: 1.4 bM; spiral?	13	36.7	-	26	34
4299		Galaxy	Cen	12.7	eeF, eS, F* att	13	36.8	-	34	4
4300		Galaxy	CVn	16	Size: 0.2 F, vS, dif	13	35.4	+	33	25
4301		Galaxy	CVn	15	Size: 0.8 F, S, dif, N	13	35.6	+	33	22
4302		Galaxy	CVn	16	Size: 1.3 vF, cS, dif	13	35.6	+	33	29
4303		Galaxy	Hya	15	Size: 0.4 bM, mag 13.5	13	37.3	-	28	38
4304		Galaxy	CVn	15	Size: 1.3 pB, pS, R, gbM, r	13	36	+	33	26
4305		Galaxy	CVn	14	Size: 0.3 pB, cS, IE ns, bMN	13	36	+	33	28
4306		Galaxy	CVn	15	Size: 0.4 F, vS, gbM, *13 nr	13	36.3	+	33	25
4307		Galaxy	Boo	15	Size: 0.5 F, S, E pf, *11 p 6s	13	36.5	+	27	15
4308			CVn		F, S, dif, vlbM	13	36.8	+	32	43
4309			Hya		bM, mag 14	13	38.7	-	29	41
4310		Galaxy	Hya		Size: 2.3 vF, bM, wisps 0'.3 l	13	38.9	-	25	51
4311			Cen		vF; spiral?	13	40.1	-	51	3
4312		Galaxy	Cen		Size: 1.6 eeF, bM	13	40.5	-	51	4
4313			Boo		F, vS, R, stell	13	38.4	+	26	45
4314			Boo		F, vS, N, stell	13	38.4	+	26	44
4315		Galaxy	Hya		Size: 1.6 wisp 1'.3 l	13	40	-	25	28
4316		Galaxy	Hya		Size: 2.2 bM, mag 14.5	13	40.3	-	28	54
4317			Boo		F, S, R, N, r	13	41.8	+	27	6
4318		Galaxy	Hya	15	Size: 0.8 bM, mag 14	13	43.3	-	28	57
4319		Galaxy	Hya		Size: 1.6 cL, E, bM, mag 13.5	13	43.4	-	29	48
4320		Galaxy	Hya	14	Size: 0.6 bM, mag 13.5	13	44.1	-	27	15
4321		Galaxy	Cen	15	Size: 0.5 bM, mag 15	13	44.4	-	30	8
4322		Galaxy	Boo	15	F, S, R, N, r	13	43.7	+	25	23
4323			Hya		cS, wisp, mE	13	45.1	-	28	39
4324		Galaxy	Cen	15	Size: 0.4 bM, mag 13.5	13	45.4	-	30	13
4325		Galaxy	Hya	16	Size: 0.8 R, PN ?, mag 14	13	47.6	-	29	26
4326		Galaxy	Hya	15	Size: 0.6 R, PN ?, mag 14	13	48.4	-	29	37
4327		Galaxy	Cen		Size: 1.1 bM, mag 12.5	13	48.7	-	30	13
4328			Hya		R, lbM, mag 14	13	49.1	-	29	57
4329	ESO 445-46	Galaxy	Cen	11.5	Size: 3.2 F, cS, bM	13	49.1	-	30	18
4330		Galaxy	Hya		Size: 1.4 pL, E, mag 13.5	13	47.2	-	28	20
4331			Boo		pF, S, R, dif	13	49.4	+	25	9
4332		Galaxy	Boo	15	Size: 0.8 F, S, R, gbM	13	49.9	+	25	11
4333		Galaxy	Oct		Size: 1.7 eF, vS, eE 40deg , susp	14	5	-	84	16
4334		Planetary Nebula	CVn		Size: 0.1 F, vS, R, N	13	49.8	+	29	40
4335			CVn		vF, stell, neb(?); *13 nnf 2'.5	13	49.7	+	33	40
4336		Galaxy	CVn	15	Size: 1.6 eF, pL, dif, lbM, r	13	50.7	+	39	42
4337		Galaxy	Boo	15	eeF, pL, R, v diffic, 3rd of 4	13	52.2	+	14	16
4338			Vir		eF, vL, cE ns, F* nr each end; = 5334	13	52.7	-	1	8
4339			CVn		F, S, R, r	13	53.5	+	37	32
4340		Galaxy	CVn	14	Size: 0.7 F, S, R, gbM	13	53.6	+	37	23
4341			CVn		F, S, R, r, *12 nr	13	53.6	+	37	32
4342		Galaxy	Boo	15	Size: 0.8 F, S, R, lbM, r	13	54.4	+	25	7
4343		Galaxy	Boo	16	Size: 0.7 F, S, R, N, r	13	55	+	25	6
4344			Boo		F, vS, N, stell	13	55.2	+	25	2
4345			Boo		cF, vS, R, N, stell	13	55.2	+	25	4
4346			Boo		F, S, R, gbMN	13	55.7	+	25	9
4347			Cen		*9 in eeF neb	13	57.6	-	40	1
4348		Galaxy	Boo	16	F, S, R, N	13	55.7	+	25	11
4349			Boo		F, S, bM	13	55.8	+	25	9
4350		Galaxy	Hya		Size: 1.9 eeF, eS, F* close s	13	57.2	-	25	15
4351	ESO 445-84	Galaxy	Hya	12	Size: 5.6 S, IE	13	57.9	-	29	19
4352		Galaxy	Cen		Size: 1.9 sev eF st in eeF neb, 2 st 8	13	58.4	-	34	31
4353			CVn		eF, vF st & neb?, *8.4 nf 3'	13	57.1	+	37	46
4354			Vir		eF, vS, eE 110deg	13	58.6	-	12	35
4355		Galaxy	CVn	15	Size: 0.4 F, S, R, glbM	13	58.1	+	28	25
4356			CVn		F, vS, stell N = *15	13	58.7	+	37	30
4357		Galaxy	CVn	15	Size: 1.2 F, S, R, gvlbM	14	0.7	+	31	54
4358		Galaxy	Vir	15	Size: 1.2 pL, mE 120deg ; spir neb f (l	14	3.5	-	10	9
4359			Cen		eF, vS, E 170deg , bet 2 F st	14	5.4	-	45	16
4360			Vir		eF, eS, E 35deg	14	4.1	-	11	24
4361		Galaxy	Vir	15	Size: 0.6 eF, vS, cE 150deg	14	4.1	-	9	46
4362		Galaxy	Cen		Size: 1.7 vF, S, vE 175deg	14	5.4	-	41	49
4363			Vir		eF, vS, cE 150deg	14	4.2	-	9	38
4364		Galaxy	Vir	15	Size: 0.6 eF, vS, R	14	4.3	-	10	0
4365		Galaxy	Boo	15	Size: 0.8 *13 in vF, S neb (perhaps 543	14	3.8	+	9	31
4366		Galaxy	Cen		Size: 1.8 vF, vS, cE 170deg	14	5.2	-	33	46
4367		Galaxy	Cen		Size: 1.8 eeF, pS, R, bet 2 st	14	5.6	-	39	12

IC Objects

ObjectNum	Name	Type	Constellation	Magnitude	Info	RAHour	RAMinute	DecSign	DecDeg	DecMinute
4368			Vir		F, S, R, bM	14	4.7	-	9	57
4369			CVn		vF, S, R, dif	14	4.1	+	33	19
4370			CVn		F, S, iF, gbM, *14 nr	14	4.2	+	33	21
4371			CVn		F, S, R, vibM	14	4.2	+	33	18
4372			Vir		eF, eS, E 75deg	14	5.7	-	10	53
4373	Galaxy		Boo	15	F, S, R, N, r	14	5.7	+	25	14
4374	Galaxy		Hya		Size: 1.6 eeF, pS, R	14	7.5	-	27	1
4375	Galaxy		Cen		Size: 3.0 eF, eS, eE 15deg , stell N, *	14	8.1	-	33	19
4376	Triple Star		Cen		F, S, eE 40deg	14	10.8	-	30	49
4377	Galaxy		Aps		Size: 2.6 eeF, vS, mE 180deg , vmbM	14	17	-	75	39
4378			Cen		vF, vS, E 150deg	14	12.1	-	34	16
4379			Cen		vF, vS, E 90deg	14	12.1	-	34	17
4380	Galaxy		Boo	14	Size: 0.5 F, S, R, dif	14	10	+	37	33
4381			Boo		F, cS, R, biN	14	11	+	25	29
4382			Boo		F, S, R, gbM, 5498 n 11'	14	11.1	+	25	30
4383			Boo		1'.7 np 5504 (no descr)	14	12.2	+	15	51
4384	Galaxy		Boo	15	Size: 1.1 F, S, R, bMN, r	14	11.9	+	27	7
4385			Cen		vS, R, lbM	14	14.7	-	42	18
4386	Galaxy		Cen		Size: 3.1 F, vS, R	14	15	-	43	58
4387	Galaxy		Cen		Size: 1.3 F, vS, R	14	15	-	44	0
4388	Galaxy		Cen	15	Size: 0.8 vF, vS, R, sbM	14	16	-	31	46
4389			Cen		vF, vS, R, dif	14	16.8	-	40	33
4390	Galaxy		Cen		Size: 1.7 eF, vS, mE 5deg , stell N	14	17	-	44	59
4391	Galaxy		Cen	15	Size: 0.5 vF, vS, R	14	16.3	-	31	41
4392			Vir		eF, vS, mE 80deg , F* sf, susp	14	15.9	-	13	7
4393	Galaxy		Cen		Size: 2.3 cF, S, eE 75deg	14	17.8	-	31	21
4394			Boo		eF, S, R	14	16.5	+	39	42
4395	Galaxy		Boo	15	Size: 1.5 F, S, R, N, stell	14	17.2	+	26	51
4396			Boo		F, S, dif	14	17.5	+	28	48
4397	Galaxy		Boo	14	Size: 1.1 F, cS, R, bM, r	14	17.9	+	26	25
4398	Galaxy		Boo	15	Size: 0.5 F, S, R, gbM, r	14	18.2	+	28	51
4399	Galaxy		Boo	15	Size: 1.2 F, cS, R, N, r	14	18.3	+	26	23
4400			Cen		F, S, E	14	22.3	-	60	35
4401	Galaxy		Vir	15	Size: 1.0 vF, S, mE 200deg , nr IC 997	14	19.4	-	4	31
4402	Galaxy		Lup		Size: 3.4 L, eE 125deg , pointed ends	14	21.2	-	46	18
4403	Galaxy		Boo	15	Size: 1.4 F, S, R, gbM, *14 n	14	18.3	+	31	39
4404			UMi		eF	14	10.8	+	78	38
4405	Galaxy		Boo	15	Size: 0.9 F, S, dif	14	19.4	+	26	16
4406	PK 319+15.1	Planetary Nebula	Lup	11	Size: 0.5 PN , stellar, 10 mag, E 80deg	14	22.4	-	44	9
4407			Vir		no description	14	23.6	-	5	59
4408	Galaxy		Boo	15	Size: 1.0 F, S, R, gbM	14	21.2	+	29	59
4409	Galaxy		Boo	15	Size: 0.7 F, S, R, *13.5 close	14	21.5	+	31	35
4410	Galaxy		Boo	16	Size: 0.6 vF, vS, R	14	22.3	+	17	23
4411			Cen		F, S, eE 45deg	14	25	-	35	1
4412			Boo		F, S, R, dif; = 5594	14	23.2	+	26	16
4413	Galaxy		Boo	16	Size: 0.2 F, S, R	14	23	+	37	32
4414	Galaxy		Boo	15	Size: 0.5 pB, cS, gbMN, r	14	23.8	+	28	19
4415			Boo		vF, vS, R, lbM	14	24.4	+	16	38
4416	Galaxy		Boo	16	Size: 0.3 F, S, R, N	14	24.4	+	29	37
4417	Galaxy		Boo	15	Size: 0.2 vF, vS, R, lbM	14	24.9	+	17	2
4418			Boo		pB, S, R, gbMN	14	25.3	+	25	31
4419			Boo		F, vS, R, lbM	14	25.8	+	16	38
4420	Galaxy		Boo	15	Size: 0.7 F, S, E 220deg , N	14	25.6	+	25	22
4421			Cen		eef, vS, R, F* f	14	28.1	-	37	35
4422	Galaxy		Boo	15	Size: 0.2 F, cS, r	14	26	+	30	28
4423	Galaxy		Boo	15	Size: 1.1 vF, S, R, dif	14	26.3	+	26	15
4424	Galaxy		Vir	15	Size: 0.8 eF, S, stellar	14	27.5	+	4	49
4425	Galaxy		Boo	15	F, S, R, dif	14	26.7	+	27	12
4426	Galaxy		Boo	16	Size: 0.4 F, vS, R, lbM	14	27.3	+	16	50
4427	Galaxy		Boo	15	Size: 0.7 F, cS, dif, r	14	27	+	26	51
4428			Boo		F, eS, R, lbM	14	27.4	+	16	12
4429	Galaxy		Boo	15	Size: 0.6 F, vS, R	14	27.7	+	16	53
4430			Cen		cF, cS, indistinct	14	29.4	-	33	37
4431	Galaxy		Boo	15	Size: 1.3 F, cS, R gbM, r	14	27.1	+	30	57
4432			Cen		vF, vS, mE 85deg	14	29.8	-	39	32
4433			Boo		F, vS, R, mbM	14	27.8	+	16	12
4434			Boo		F, vS, R, lbM	14	27.9	+	16	13
4435	Galaxy		Boo	14	Size: 0.5 F, R, sbM *13.5	14	27.5	+	37	29
4436	Galaxy		Boo	15	Size: 0.8 pB, S, R, gbM, r	14	27.9	+	26	29
4437			Boo		no descr, *8 nf	14	27.4	+	41	29
4438	Galaxy		Boo	16	Size: 0.4 F, vS, R, dif	14	28.6	+	17	21
4439	Galaxy		Boo	16	F, S, R, mbM	14	28.7	+	17	2
4440	Galaxy		Boo	16	Size: 0.6 bM, mag 15	14	29	+	17	20
4441			Lup		pF, pS, R	14	31.4	-	43	31
4442	Galaxy		Boo	15	Size: 1.0 F, S, R, N	14	28.8	+	28	57
4443			Boo		vS, viE, lbM	14	29.3	+	16	11
4444	IC 4441	Galaxy	Lup	12	Size: 1.9 vF, vS, * M, spir or annular	14	31.7	-	43	25
4445			Lup		F, cS, E 160deg	14	31.9	-	46	2
4446	Galaxy		Boo	15	Size: 0.8 F, cS, R, dif	14	29	+	37	28
4447			Boo		F, S, R, gbMN, r	14	29.6	+	30	49
4448	Galaxy		Aps		Size: 1.0 !! F, vS, annul, * in M	14	40.5	-	78	49
4449			Boo		vF, vS, R, dif	14	31.3	+	15	15
4450	Galaxy		Boo	15	Size: 1.2 F, cS, dif, *10.5 nf	14	32.1	+	28	33
4451	Galaxy		Cen		Size: 1.9 vF, vS, R, * n 0'.5	14	34.6	-	36	17

IC Objects

ObjectNum	Name	Type	Constellation	Magnitude	Info	RAHour	RAMinute	DecSign	DecDeg	DecMinute
4452		Galaxy	Boo	15	F, S, R, gbM, r	14	32.4	+	27	26
4453		Galaxy	Hya		Size: 2.0 pB, eS, R, F* close	14	34.5	-	27	31
4454			Boo		F, eS, R, lbM	14	33.3	+	17	43
4455			Lib		eF, cS, cE 30deg	14	34.5	-	14	38
4456			Boo		F, S, R, dif	14	34.1	+	16	11
4457			Boo		F, vS, R, lbM	14	34.5	+	18	13
4458			Cen		eF, eS, E 100deg	14	37.2	-	39	28
4459		Galaxy	Boo	15	Size: 0.5 F, pL, E ns, glbM, r	14	34.5	+	30	58
4460		Galaxy	Boo		Size: 0.7 F, S, dif, glbM	14	34.6	+	30	17
4461			Boo		F, vS, R, N, r	14	35	+	26	31
4462			Boo		F, S, R	14	35	+	26	32
4463		Galaxy	Boo	15	F, vS, R	14	35.8	+	16	2
4464		Galaxy	Cen		Size: 1.6 vF, S, R, N, wisp at 45deg	14	37.8	-	36	53
4465			Boo		vF, vS, IE 180deg	14	35.9	+	15	34
4466			Boo		F, vS, IE	14	36.7	+	18	20
4467		Galaxy	Boo	15	F, vS, R, lbM	14	36.8	+	18	21
4468		Galaxy	Lib		Size: 2.3 F, pL, cE 160deg , cbM	14	38.4	-	22	22
4469		Galaxy	Boo	16	Size: 1.6 F, pL, eE 110deg	14	37.3	+	18	15
4470		Open Cluster	UMi		Cl, eF, S; neb?	14	28.1	+	78	54
4471			Boo		no description; = 5697	14	36.4	+	41	40
4472		Galaxy	Lup		Size: 1.8 L, eE 180deg , bet 2 st ns, d	14	40.2	-	44	19
4473		Galaxy	Boo	15	Size: 0.5 vS, com, 170deg	14	37.9	+	15	50
4474			Boo		F, vS, R, N	14	38.4	+	23	26
4475		Galaxy	Boo	15	F, vS, N, stell	14	38.4	+	23	20
4476			Lib		neb, *7 nf 5'	14	39.9	-	16	14
4477		Galaxy	Boo	15	F, vS, dif, *12 p 2s , 15" n	14	38.5	+	28	27
4478		Galaxy	Boo	15	bM, mag 15	14	39.2	+	15	53
4479		Galaxy	Boo	15	Size: 1.5 F, cS, N, dif	14	38.7	+	28	30
4480		Galaxy	Boo	15	Size: 0.5 F, S, R, dif, * in M	14	39.8	+	18	29
4481			Boo		eF, vS, R, dif	14	40.1	+	16	8
4482		Galaxy	Boo	15	F, S, R	14	40.1	+	18	57
4483		Galaxy	Boo	15	Size: 1.6 E 200deg , lbM	14	40.3	+	16	41
4484		Galaxy	Aps		Size: 2.5 eF, eE 140deg , susp	14	47.7	-	73	18
4485			Boo		F, S, dif	14	40.5	+	28	40
4486		Galaxy	Boo	16	Size: 0.7 vF, vS, R, dif	14	41.9	+	18	33
4487			Boo		F, eS, R, lbM	14	42	+	18	37
4488			Boo		vF, eS, R, lbM	14	42.8	+	18	36
4489			Boo		vF, eS, R, lbM	14	43.2	+	18	31
4490			Cen		oval, around 2 st 9.5 & 10	14	45.4	-	36	10
4491			Lib		F, S, eE 0deg	14	44.5	-	13	44
4492			Boo		F, vS, R, N, stell	14	42.6	+	37	25
4493			Boo		eF, S, R, dif, rM; = 5747	14	44.4	+	12	7
4494		Galaxy	Boo	15	Size: 1.0 vF, vS, R, dif	14	44.5	+	15	30
4495		Galaxy	Boo	16	vF, vS, R	14	44.2	+	23	33
4496		Galaxy	Boo	15	Size: 0.3 F, S, R, N	14	43.9	+	33	23
4497		Galaxy	Boo	15	Size: 0.6 F, S, R, N, r, *12.5 f 5s	14	44.3	+	28	32
4498		Galaxy	Boo	15	Size: 0.4 F, S, R, gbM	14	45	+	26	17
4499	GCL 30	Globular Cluster	Aps	10.6	Size: 7.6 Cl, vF, 4' diam; 3 F st in ne	15	0.3	-	82	13
4500		Galaxy	Boo	15	Size: 0.3 F, S, R, gbM	14	44.6	+	37	29
4501		Galaxy	Lib	14	Size: 0.9 vF, S, indistinct	14	47.5	-	22	25
4502			Boo		F, S, dif r, *14 vnr	14	45.3	+	37	18
4503		Galaxy	Boo	15	Size: 0.8 F, vS, R	14	46.6	+	16	6
4504		Galaxy	Boo	15	F, S, R, N, r	14	46.5	+	31	42
4505			Boo		F, S, R, N	14	46.6	+	33	24
4506			Boo		vF, vS, N	14	46.7	+	33	24
4507		Galaxy	Boo	16	Size: 0.8 vF, eS, R	14	47.7	+	18	27
4508		Galaxy	Boo	15	F, S, R, sbM *14	14	47.8	+	31	47
4509		Galaxy	Boo	15	Size: 1.0 F, cS, iF, r	14	48.4	+	31	48
4510			Lib		vF, vS, iR, susp	14	50.7	-	20	44
4511			Cen		cS, R, lbM, dif	14	52.1	-	40	30
4512			Boo		vF, S, R	14	49.9	+	27	42
4513			Lib		F, S, vE 80deg	14	52.3	-	20	44
4514			Boo		F, S, R, N, *13 vnr	14	50.9	+	27	37
4515			Boo		F, S, R, gbM, r	14	51.1	+	37	36
4516			Boo		vF, pS, R	14	53.9	+	16	23
4517		Galaxy	Boo	15	F, S, N dif	14	54.5	+	23	38
4518		Galaxy	Lup		Size: 1.4 eS, R; also one pL, eE 100deg	14	57.7	-	43	8
4519		Galaxy	Boo	15	Size: 0.6 F, S, dif, *14 sp	14	54.8	+	37	25
4520		Galaxy	Boo	15	Size: 0.4 F, vS, R, N, r	14	55.1	+	33	43
4521		Galaxy	Boo	15	Size: 0.5 F, cS, E pf, gbM	14	59.6	+	25	35
4522		Galaxy	Aps		Size: 2.9 vF, vS, cbM, st inv	15	11.5	-	75	52
4523		Galaxy	Lup		Size: 2.0 bM, mag 14	15	5.2	-	43	31
4524		Galaxy	Boo	16	F, S, iF, gbM, r	15	2.1	+	25	35
4525		Galaxy	Boo	16	vF, cS, dif	15	2.4	+	25	38
4526			Boo		vF, vS, N	15	2.6	+	23	22
4527		Galaxy	Lup		Size: 1.5 cS, E 225deg , bM	15	5.7	-	42	27
4528		Galaxy	Boo	15	Size: 0.7 eF, pS, dif, r	15	1.4	+	49	7
4529		Galaxy	Lup		Size: 0.6 bM, mag 14	15	6.4	-	43	14
4530		Galaxy	Boo	15	Size: 1.0 F, S, dif, *13.5 nf	15	3.8	+	26	5
4531		Galaxy	Boo	16	F, vS, R, N	15	4.4	+	23	24
4532			Boo		vF, N, stellar	15	4.5	+	23	13
4533		Galaxy	Boo	15	Size: 1.0 F, S, iF, *10.5 f	15	4.4	+	27	48
4534			Boo		pB, S, E ns, N	15	8.2	+	23	42
4535			Boo		F, S, dif, *14 sp	15	8.7	+	37	34

IC Objects

ObjectNum	Name	Type	Constellation	Magnitude	Info	RAHour	RAMinute	DecSign	DecDeg	DecMinute
4536		Galaxy	Lib		Size: 2.6 vF, L, R, F* att np, F* nr sf	15	13.2	-	18	8
4537		Galaxy	Ser	16	eF, vS, R, bM	15	17.5	+	2	2
4538		Galaxy	Lib		Size: 2.6 eeF, vL	15	21.2	-	23	39
4539		Galaxy	CrB	15	Size: 0.4 F, S, R, vlbM	15	18.5	+	32	24
4540			Ser		vF, pS, mE, B* nr	15	20.1	+	1	47
4541		Galaxy	Aps		Size: 2.0 eF, vS, mE 150deg , susp	15	29.9	-	70	35
4542			Boo		F, S, R, N, *12 sp	15	22.1	+	33	10
4543		Planetary Nebula	Ser		eF, pS, vF* nr np	15	24.6	+	13	29
4544			Nor		PN , stellar	15	29.4	-	50	35
4545		Galaxy	Aps		Size: 2.0 eeF, eS, mE 145deg , bet 2 vF	15	41.5	-	81	38
4546		Galaxy	CrB	15	Size: 0.6 F, vS, R, *13 att	15	27	+	28	51
4547		Galaxy	CrB	15	F, S, R, N, r	15	27.3	+	28	48
4548			CrB		vF, S, iF, r	15	27.4	+	28	51
4549		Galaxy	Boo	15	Size: 0.5 F, cS, E pf	15	29.2	+	32	50
4550			Nor		B, pS, iE	15	34.8	-	50	39
4551			Ser		eeF, L, R, v dif; = 5964	15	33.9	+	6	1
4552			Ser		eF, pS, R	15	35	+	4	42
4553		Galaxy	Ser	14	Size: 2.0 F, S, R, gbM	15	35	+	23	29
4554			Ser		vF, vS, N, stell	15	35.1	+	23	28
4555		Galaxy	Aps		Size: 1.9 vF, vS, eE 55deg , bM	15	48.3	-	78	11
4556		Galaxy	Ser	15	Size: 0.4 F, S, R, N	15	35.5	+	25	19
4557		Galaxy	Boo	16	F, vS, N	15	34.6	+	39	44
4558			Ser		vF, vS	15	35.8	+	25	21
4559			Ser		F, vS, R, N	15	35.9	+	25	21
4560			Boo		vF, vS; 5966 sf	15	35.8	+	39	51
4561		Galaxy	Ser	15	Size: 0.3 F, vS, R, N	15	36.9	+	25	25
4562	UGC 9928	Galaxy	Boo		Size: 1.5 pB, S, R, mbM, F* or neb 1' n	15	36	+	43	29
4563		Galaxy	Boo	14	Size: 0.7 vF, vS, N	15	36	+	39	50
4564			Boo		pF, R, gbM	15	36.6	+	43	31
4565		Galaxy	Boo	15	Size: 1.0 F, R, gbM	15	36.6	+	43	25
4566		Galaxy	Boo		Size: 2.0 pF, R, gbM	15	36.7	+	43	33
4567			Boo		pF, R, gbM	15	37.5	+	43	16
4568		Galaxy	CrB	15	F, S, R, N	15	40.1	+	28	9
4569		Galaxy	CrB	15	Size: 0.5 pB, D *13 in S neb	15	40.8	+	28	17
4570		Galaxy	CrB	15	Size: 1.0 F, cS, R	15	41.3	+	28	14
4571		Galaxy	TrA		Size: 1.4 cF, cS, mE 155deg	15	48.9	-	67	19
4572		Galaxy	CrB	15	Size: 0.9 pB, cS, gbM, dif, r	15	41.9	+	28	7
4573		Galaxy	Ser	16	F, vS, dif, r	15	42.2	+	23	48
4574		Galaxy	CrB	16	pF, S, R	15	42	+	28	15
4575			Ser		F, S, dif, r, *15 att	15	42.3	+	23	48
4576		Galaxy	Ser	15	F, vS, R, N, *14 np	15	42.6	+	23	41
4577			Ser		F, S, R, gbM, r	15	42.7	+	23	47
4578		Galaxy	Aps		Size: 2.1 eF, eS, cE 140deg , bet 2 vF	15	53.2	-	74	50
4579			Ser		F, S, R, gbM, r	15	42.8	+	23	46
4580		Galaxy	CrB	15	F, S, R	15	43.2	+	28	22
4581		Galaxy	CrB	15	F, S, iF, *12.5 nr	15	44	+	28	17
4582		Galaxy	CrB	15	Size: 1.4 F, S, E pf, gbM, *12.5 f 6s .	15	45.7	+	28	6
4583		Galaxy	Ser	15	Size: 0.8 F, vS, E, N, r	15	46.4	+	23	49
4584		Galaxy	TrA		Size: 1.7 eF, S, iF	16	0.2	-	66	23
4585		Galaxy	TrA		Size: 2.0 eF, S, iF	16	0.3	-	66	19
4586			Ser		eF, S, R, bet *8 f & curve of st p; = 60	15	54.9	+	6	1
4587		Galaxy	CrB	15	eF, eS, T CBr sp	15	59.9	+	25	57
4588		Galaxy	Ser	15	Size: 2.1 vF, vS, R, stell, 5051 p	16	4.9	+	23	56
4589		Star	Oph		*13, in eF neb?	16	7.4	-	6	23
4590		Galaxy	CrB	16	Size: 0.3 F, S, gbM, dif	16	8.3	+	28	29
4591			Sco		*5.6 in F neb	16	12.3	-	27	56
4592	LBN 1113	Nebula	Sco		Size: 150. vL, E, inv nu2 Sco	16	12	-	19	28
4593	PK 25+40.1	Planetary Nebula	Her	11	Size: 2.0 PN , stellar	16	11.7	+	12	4
4594			Her		F, S, R, N, r	16	11.3	+	23	40
4595		Galaxy	TrA		Size: 2.5 F, S, eE 55deg	16	20.7	-	70	9
4596		Galaxy	Sco		Size: 1.9 F, S, mE 40deg , mbMN, prob s	16	16.1	-	22	38
4597			Sco		bM, mag 14	16	17.8	-	34	22
4598			Sco		neb streak of F st, 1' ns	16	18.2	-	31	27
4599	PK 321+5.1		Sco		PN , 15 mag	16	19.3	-	42	16
4600			Sco		eF, eS, R	16	18.3	-	22	47
4601	ESO 585-*N1	Nebula	Sco		Size: 20. 2 st 8 in eL, dif neb, iE nps	16	20	-	20	2
4602			Her		eeF, iE, e diffc, F* f	16	23.4	+	12	45
4603	LBN 1109	Nebula	Oph		Size: 20. eF, vL, dif, st inv	16	25.6	-	24	28
4604	LBN 1112	Nebula	Oph		Size: 60. rho Oph in eL neb	16	25.6	-	23	26
4605	LBN 1110	Nebula	Sco		Size: 30. *7 in eF, vL neb	16	30.2	-	25	6
4606			Sco		neb; F* p 4s .5, 0'.5 n	16	31.6	-	26	3
4607			Her		F, cS, dif	16	30.3	+	24	34
4608		Galaxy	Aps		Size: 1.2 vF, vS, cE 85deg , bM	16	46.9	-	77	29
4609		Galaxy	Her	15	Size: 0.7 F, vS, R, gbMN	16	33	+	22	46
4610			Her		F, eS, R, gbM	16	33.6	+	39	16
4611			Her		F, vS, iF	16	33.7	+	39	20
4612			Her		F, eS, R, gbM	16	33.8	+	39	16
4613		Galaxy	Her		eF, dif; = 6196?	16	37.3	+	35	59
4614		Galaxy	Her		eF, stellar	16	37.8	+	36	7
4615		Galaxy	Her	12.8	Size: 1.7 *13 in S neb	16	37.9	+	36	4
4616		Galaxy	Her		eF, S, dif, r; *12 sf 2'	16	38	+	36	0
4617		Galaxy	Her		S, E 29deg , bM	16	42.1	+	36	41
4618		Galaxy	Aps		Size: 1.9 !! eF, eS, 2-branch spiral	16	57.9	-	77	0

IC Objects

ObjectNum	Name	Type	Constellation	Magnitude	Info	RAHour	RAMinute	DecSign	DecDeg	DecMinute
4619		Galaxy	Her	15	F, R	16	44.2	+	17	46
4620			Her		vF, R	16	48.5	+	18	17
4621		Galaxy	Her	15	Size: 1.1 vF, vS	16	50.8	+	8	48
4622		?	Oph		cF, S, iF, D	16	52.1	-	16	14
4623		Galaxy	Her	15	Size: 0.6 F, S, R, gbM	16	51.2	+	22	31
4624		Galaxy	Her	16	vF, R	16	51.5	+	17	27
4625			Oph		neb, *10 close nf; = 6240?	16	52.9	+	2	26
4626		Star	Oph		eF	16	53.4	+	2	19
4627			Oph		eF, eS, dif, *12 s 12"	16	54.1	-	7	38
4628	ESO 332-EN14	Nebula	Sco		Size: 90. F, eL, E pf, dif	16	57	-	40	20
4629			Oph		vF, vS, eE 75deg, susp	16	56.2	-	16	43
4630		Galaxy	Her	15	Size: 1.3 F, S, R, stell N	16	55.1	+	26	39
4631			Aps		eF, eeS, ann?, susp	17	11	-	77	36
4632			Her		eF; neb?	16	58.5	+	22	55
4633		Galaxy	Aps		Size: 3.7 vF, cL, cbM; spir?	17	13.8	-	77	32
4634	PK 0+12.1	Planetary Nebula	Oph	11	Size: 0.2 PN, stellar	17	1.6	-	21	50
4635		Galaxy	Aps		Size: 3.1 vF, eS, cbM	17	15.7	-	77	29
4636			Her		vF, fainter than 6279	16	59	+	47	11
4637	PK 345+0.1	Planetary Nebula	Sco	14	Size: 0.3 PN, stellar	17	5.2	-	40	53
4638			Her		no descr, *9 sf 2'.5	17	1.2	+	33	34
4639			Her		vF, vS, R	17	2.9	+	22	54
4640		Galaxy	Aps		Size: 1.5 vF, eS, cbM	17	23.9	-	80	4
4641		Galaxy	Aps		Size: 1.6 eF, vS, bM	17	24.2	-	80	9
4642	PK 334-9.1	Planetary Nebula	Ara	13	Size: 0.4 PN, stellar	17	11.8	-	55	24
4643			Her		F, *12 inv; = 6301	17	8.5	+	42	20
4644		Galaxy	Aps		Size: 2.1 eF, vS, mE 135deg	17	24.6	-	73	56
4645		Galaxy	Her	16	eF, pS, *13.5 f 80"	17	14.6	+	43	7
4646		Galaxy	Ara		Size: 2.6 F, pL, spir	17	23.9	-	60	0
4647		Galaxy	Aps		Size: 1.7 bM	17	26	-	80	12
4648		Open Cluster	Her		Cl, vS, neb, vF D* inv	17	16	+	45	52
4649			Dra		eF, pS, v dif, *12.5 f 0'.5	17	15.8	+	57	23
4650			Dra		eF, st and neb	17	15.9	+	57	20
4651	OCL 987	Open Cluster	Ara	6.9	Size: 12. Cl, pC	17	24.7	-	49	57
4652		Galaxy	Ara		Size: 1.7 F, PN, 15 mag	17	26.4	-	59	44
4653		Galaxy	Ara		Size: 1.6 eeF, eS, bM, eF, * vnr, susp	17	27.1	-	60	53
4654		Galaxy	Aps		Size: 1.7 eF, eS, R, vmbM	17	37.1	-	74	23
4655			Ara		eF, eS, mE 170deg	17	34.6	-	60	43
4656		Galaxy	Ara		Size: 2.2 eeF, vS, eE 90deg, cbM	17	37.7	-	63	44
4657		?	Oph		vF, *11 np 2'	17	32.7	-	17	31
4658			Ara		F, PN, 15 mag	17	37.2	-	59	35
4659			Oph		pF, S, *8 f 21s, 3' n	17	34.2	-	17	56
4660		Galaxy	UMi		Size: 1.5 pL, E ns, *9.2 sp 30"	17	21.6	+	75	51
4661		Galaxy	Aps		Size: 2.5 eF, vS, R, cbM	17	51	-	74	2
4662	ESO 102-14	Galaxy	Pav	11.4	Size: 2.2 F, pS, IE	17	47.1	-	64	38
4663	PK 346-8.1	Planetary Nebula	Sco	13	Size: 0.2 PN, stell	17	45.5	-	44	54
4664		Galaxy	Pav		Size: 1.7 eF, vS, eE, cbM	17	49	-	63	15
4665	OCL 85	Open Cluster	Oph	4.2	Size: 41. Cl, co	17	46.3	+	5	43
4666		Galaxy	Dra	16	Size: 0.6 eF*, slightly nebs	17	45.8	+	55	46
4667			Dra		2 stell neb susp	17	46.3	+	55	53
4668			Dra		eF, * 3' n	17	46.9	+	57	24
4669		Galaxy	Dra		eF, S; eF st inv?	17	47.2	+	61	26
4670		Nebula	Sgr		Size: 5. stellar, 12.5 mag	17	55.1	-	21	48
4671			Ser		spiral? (edge of plate)	17	55.1	-	10	17
4672			Pav		eeF, eS, vE 45deg, cbM	18	2.4	-	62	50
4673	PK 3-2.3	Planetary Nebula	Sgr		Size: 0.3 PN, 13 mag, *13 nf 33"	18	3.3	-	27	6
4674		Galaxy	Pav		Size: 1.5 eF, vS, eE 80deg, cbM stell	18	8.2	-	62	24
4675			Oph		doubtful, not seen a second time	18	3.2	-	9	15
4676		Galaxy	Oph	16	eF, vS	18	2.8	+	11	49
4677		Galaxy	Dra	15	Size: 1.0 vF, S; 6543 f 16s .5	17	58.3	+	66	38
4678			Sgr		B, S, E	18	8	-	23	52
4679		Galaxy	Tel		Size: 1.9 cF, S, R, vmbM; susp	18	11.4	-	56	15
4680		Galaxy	Pav		Size: 1.7 eF, vS, eE 85deg, cbM	18	13.5	-	64	29
4681			Sgr		S neb or neb*	18	8.3	-	23	24
4682		Galaxy	Pav		Size: 2.5 vF, cS, cE 140deg, stell N	18	16.4	-	71	35
4683			Sgr		vF, eeL	18	8.7	-	26	14
4684	IC 4681	Nebula	Sgr		Size: 3. S neb or neb*	18	9.1	-	23	25
4685	OCL 22	Nebula	Sgr		Size: 10. *7.5 in L, dif neb	18	9.3	-	23	59
4686		Galaxy	Pav		Size: 0.5 bM, mag 14	18	13.6	-	57	44
4687		Galaxy	Pav		Size: 1.5 bM mag 14	18	13.7	-	57	44
4688		Galaxy	Oph	15	Size: 1.6 vF, pS, dif, *12 close f	18	8.1	+	11	42
4689		Galaxy	Pav		Size: 0.9 bM, mag 14	18	13.7	-	57	45
4690			Sgr		*9.5 in neb, E spnf	18	10.5	-	19	49
4691		Galaxy	Oph	15	F, S, iF, 1 or 2 F st inv	18	8.7	+	11	50
4692		Galaxy	Pav		Size: 1.7 F, S, iF, susp	18	14.8	-	58	42
4693			Her		eF, S, bM, sev eF st inv	18	9.2	+	17	20
4694		Galaxy	Pav		Size: 2.1 F, S, eE 20deg, lbM	18	15.4	-	58	13
4695			Pav		eF, vS, R, bM, sev st nr; susp	18	17.4	-	58	55
4696		Galaxy	Pav		Size: 2.4 neb, susp	18	20.3	-	64	44
4697		Galaxy	Her	15	Size: 1.6 F, S, iF, r	18	12.5	+	25	26
4698			Pav		eF, vS, eE 45deg, stell N	18	21	-	63	22
4699	PK 348-13.1	Planetary Nebula	Tel	12	Size: 0.2 PN, stellar	18	18.5	-	45	59
4700			Sgr		*9.4 in dense neb; = 6595	18	17.1	-	19	52
4701	Gum 79;RCW 157	Nebula	Sgr		Size: 60. eL, conn with cloud IC 4715	18	16.5	-	16	44
4702		Galaxy	Pav		Size: 1.6 eF, eS, * in disc, ring susp	18	23.1	-	59	14

IC Objects

ObjectNum	Name	Type	Constellation	Magnitude	Info	RAHour	RAMinute	DecSign	DecDeg	DecMinute
4703		Open Cluster	Ser		B, eL, CI M16 inv	18	18.9	-	13	47
4704		Galaxy	Pav		Size: 3.2 cB, bM	18	27.9	-	71	37
4705		Galaxy	Pav		Size: 2.7 eF, eS, R	18	28.2	-	71	42
4706			Sgr		*9.2 in S neb, conn with M17	18	19.6	-	16	1
4707			Sgr		*9.4 in S neb, conn with M17	18	20.1	-	16	1
4708		Galaxy	Dra	15	eF, eS, v diffic, 6617 nr	18	13.7	+	61	9
4709			Tel		eF, vS, vE 0deg , stell N; susp	18	24.3	-	56	12
4710	ESO 103-22	Galaxy	Pav	12	Size: 4.2 vF, vS, R, bM	18	28.7	-	66	59
4711			Pav		eF, eS, eE 125deg , stell N	18	28.1	-	64	57
4712		Galaxy	Pav		Size: 2.1 vF, vS, R, bM	18	31.1	-	71	42
4713		Galaxy	Pav		Size: 1.2 vF	18	30	-	67	13
4714		Galaxy	Pav		Size: 1.1 vF	18	30.9	-	66	39
4715	M 24	Cluster Nebulosity	Sgr		Size: 30. eeL cloud of st and neb	18	26.2	-	18	26
4716			Pav		eeF, eS, IE 90deg , susp	18	32.7	-	56	58
4717		Galaxy	Pav		Size: 1.5 F, S, eE 95deg , stell N	18	33.3	-	57	58
4718		Galaxy	Pav		Size: 2.1 cB, S, E 125deg , B, stell N	18	33.8	-	60	8
4719		Galaxy	Tel		Size: 1.3 eF, vS, 2 patches, susp	18	33.2	-	56	44
4720		Galaxy	Pav		Size: 2.5 cF, S, eE 165deg , cbM	18	33.5	-	58	24
4721	ESO 140-G027	Galaxy	Pav	13	Size: 4.1 F, cL, E 150deg	18	34.5	-	58	30
4722		Galaxy	Pav		Size: 1.6 F, vS, 2-branch spir	18	34.5	-	57	48
4723	ESO 103-27	Planetary Nebula	Pav	15	Size: 0.2 vF, vS, R	18	35.8	-	63	22
4724			Pav		eF, eS, cE 170deg	18	38.6	-	70	7
4725	M 25	Open Cluster	Sgr	4.6	Size: 32. Cl, pC; = M25	18	31.6	-	19	15
4726			Pav		eF, vS, R, eF* 0'.5 nf	18	36.9	-	62	51
4727		Galaxy	Pav		Size: 1.4 vF, eS, R	18	37.9	-	62	42
4728		Galaxy	Pav		Size: 2.0 eF, S, cE 170deg , stell N	18	37.9	-	62	32
4729		Galaxy	Pav		Size: 1.4 vF, S, R, stell N	18	40	-	67	26
4730		Galaxy	Pav		Size: 1.8 eeF, eS, eE 0deg , *9 s 2'	18	38.8	-	63	21
4731		Galaxy	Pav		Size: 1.5 vF, vS, eE 88deg , stell N	18	38.7	-	62	57
4732	PK 10-6.1	Planetary Nebula	Sgr	13	Size: 0.1 PN , stellar	18	33.9	-	22	39
4733			Dra		vF, stellar	18	26.5	+	64	58
4734		Galaxy	Pav		Size: 1.4 vF, vS, IE 130deg	18	38.4	-	57	29
4735			Pav		eF, vS, bM	18	39.7	-	62	57
4736		Galaxy	Pav		Size: 1.5 eF, eS, R	18	38.6	-	57	54
4737			Pav		eF, vS, cE 10deg , bet 2 F st	18	39.9	-	62	36
4738			Pav		eeF, eS, eF* sf 0'.5	18	40.4	-	61	54
4739			Pav		eeF, eS, eF* inv	18	40.8	-	61	54
4740		Galaxy	Pav		Size: 1.1 eeF, vS, R, lbM, 2 eF st nr	18	43	-	68	22
4741			Pav		vF, vS, IE 20deg , stell N, 4 F st inv	18	41.6	-	63	57
4742		Galaxy	Pav		Size: 1.3 cF, vS, R, bM, F* inv	18	41.9	-	63	52
4743			Pav		vF, bM	18	41.3	-	61	46
4744			Pav		eeF, eS, R, eF* inv	18	41.8	-	63	14
4745		Galaxy	Pav		Size: 2.2 eF, vS, vF* p 0'.4	18	42.6	-	64	57
4746			Pav		eF, eS	18	45.9	-	72	40
4747			Pav		vF, eS, cE 75deg	18	45.9	-	72	37
4748			Pav		eF, vS, R, F* sf 1'	18	42.7	-	64	5
4749			Pav		eeF, eS, 3 F st nr	18	42.9	-	63	13
4750			Pav		eeF, eS, R, *11 np 0'.5	18	43	-	62	58
4751			Pav		vF, vS, R, bM	18	43.2	-	62	7
4752			Pav		eF, vS, R, vF* sf 1'	18	43.8	-	64	5
4753			Pav		vF, vS, R, bM	18	43.5	-	62	6
4754		Galaxy	Pav		Size: 1.4 eF, pS, R, stell N; ring?	18	44	-	61	59
4755			Pav		vF, vS, eE 90deg , stell N	18	45	-	63	41
4756	Cr 386	Open Cluster	Ser	5	Size: 52. Cl, C	18	39	+	5	27
4757		Galaxy	Pav		Size: 1.6 eF, eS, cE 50deg	18	43.9	-	57	10
4758			Pav		vF, S, R	18	46.4	-	65	45
4759		Galaxy	Pav		Size: 1.2 eF, eS, R	18	45.7	-	63	5
4760			Pav		eF, vS, R, F* np 1'	18	45.7	-	62	57
4761		Galaxy	Tel		Size: 1.7 vF, bM, doubtful	18	43.9	-	52	51
4762		Open Cluster	Dra		vF, eS, Cl or * with neb	18	32.5	+	67	50
4763			Dra		vF, neb*?: 6677 nr	18	33.5	+	67	8
4764			Pav		eeF, eS, bM	18	47	-	63	29
4765		Galaxy	Pav		Size: 3.6 vF, S, R, bM	18	47.3	-	63	20
4766			Pav		eF, eS, bM	18	47.5	-	63	17
4767		Galaxy	Pav		Size: 1.3 eF, eS, mE 25deg , cbM	18	47.7	-	63	24
4768		Open Cluster	Sct		Cl, D, st sc	18	41.8	-	5	31
4769		Galaxy	Pav		Size: 2.1 eF, vS, mE 170deg , cbM	18	47.7	-	63	10
4770			Pav		eeF, eS, bM	18	48.1	-	63	23
4771			Pav		eF, eS, R, bM	18	48.3	-	63	15
4772		Galaxy	Lyr	15	Size: 1.1 eF, eS; 6685 f 2s , 2'.7 s	18	39.9	+	40	0
4773		Galaxy	Pav		Size: 1.6 eF, dif	18	51.3	-	69	55
4774		Galaxy	Pav		Size: 1.1 eF, S, iF, mbM	18	48.2	-	57	56
4775		Galaxy	Pav		Size: 1.4 eF, eS, mE 15deg , susp	18	48.4	-	57	11
4776	PK 2-13.1	Planetary Nebula	Sgr	12	Size: 0.1 PN , stellar	18	45.8	-	33	21
4777			Tel		vF, PN , IE	18	48.1	-	53	8
4778		Galaxy	Pav		Size: 1.5 cF, vS, cE 35deg	18	50	-	61	43
4779			Pav		eeF, eS, eF* p 0'.3	18	50.5	-	63	0
4780			Pav		eF, vS, IE 120deg	18	50	-	59	14
4781			Pav		3 eeF st in neb	18	51.7	-	62	47
4782		Galaxy	Tel		Size: 1.6 eeF, eS, susp	18	50.9	-	55	29
4783			Pav		eF, vS	18	51.5	-	58	48
4784			Pav		cF, S, R, bM	18	52.9	-	63	25
4785		Galaxy	Pav		Size: 2.9 eF, vS, iF, stell N	18	52.9	-	59	15
4786			Tel		eeF, eS, mE 0deg	18	52.7	-	56	42

IC Objects

ObjectNum	Name	Type	Constellation	Magnitude	Info	RAHour	RAMinute	DecSign	DecDeg	DecMinute
4787		Galaxy	Pav		Size: 1.4 eF, dif	18	56.1	-	68	41
4788			Pav		eeF, eS, eE 35deg	18	54.7	-	63	26
4789		Galaxy	Pav		Size: 1.4 eF, eS, R	18	56.3	-	68	34
4790			Pav		cB, S, R, bM	18	56.6	-	64	56
4791			Her		neb; *6 f 2'	18	49	+	19	20
4792			Tel		eeF, eS, mE 160deg , bet 2 st, susp	18	55.7	-	56	25
4793			Pav		eF, vS, cE 130deg	18	56.9	-	61	23
4794			Pav		F, S, R, bM	18	57.1	-	62	5
4795			Pav		eeF, eS, eE 40deg	18	57.2	-	61	36
4796		Galaxy	Tel		Size: 1.6 14m, bM, near edge of plate	18	56.5	-	54	13
4797	ESO 183-G029	Galaxy	Tel	11.3	Size: 2.8 14m, bM, near edge of plate	18	56.5	-	54	18
4798		Galaxy	Pav		Size: 1.9 F, S, R, bM	18	58.3	-	62	7
4799			Pav		vF, S, R, stell N, ring, 2 wisps	18	58.9	-	63	55
4800		Galaxy	Pav		Size: 1.7 vF, S, stell N, oval ring, 2	18	58.7	-	63	8
4801		Galaxy	Pav		Size: 1.7 cF, S, R, bM	18	59.6	-	64	40
4802			Sgr		neb *13, 15" nf 6717	18	55.1	-	22	42
4803			Pav		eeF, eS, R	19	0.6	-	62	4
4804		Galaxy	Pav		Size: 1.5 eeF, eS, cE	19	1.1	-	61	50
4805			Pav		eF, vS, eE 25deg , bM	19	2	-	63	3
4806		Galaxy	Pav		Size: 2.1 eeF, eS, eE 10deg , 2 st vnr,	19	1.5	-	57	32
4807		Galaxy	Pav		Size: 0.9 vF, vS, IE, PN ?, susp	19	2.3	-	56	56
4808		Galaxy	CrA		Size: 2.0 vF, cL, cE 45deg , lbM, susp	19	1.1	-	45	19
4809			Pav		eF, vS, IE 20deg	19	4	-	62	10
4810		Galaxy	Tel		Size: 3.0 eF, S, eE 140deg , lbM, susp	19	3	-	56	10
4811			Pav		eeF, eS, R, alm stell	19	5.8	-	67	7
4812	ESO 396-*N12	Nebula	CrA		*7 inv in eL neb	19	1.1	-	37	4
4813			Pav		vF, S, R	19	5.8	-	66	31
4814			Pav		eeF, cS, cE 100deg , susp	19	5	-	58	44
4815			Pav		cF, vS, R, bM	19	6.7	-	61	41
4816			Sgr		PN , stellar	19	1.8	-	13	9
4817		Galaxy	Tel		Size: 1.5 eF, vS, cE 0deg	19	6.2	-	56	10
4818		Galaxy	Tel		Size: 1.6 eF, eS, cE 90deg	19	6	-	55	8
4819		Galaxy	Pav		Size: 2.7 vF, S, eE 130deg	19	7.1	-	59	28
4820		Galaxy	Pav		Size: 1.4 eeF, eS	19	9.2	-	63	28
4821		Galaxy	Tel		Size: 1.8 vF, vS, eE 10deg	19	9.5	-	55	1
4822			Pav		F, S, R	19	14.9	-	72	26
4823			Pav		vF, vS	19	12.2	-	64	0
4824		Galaxy	Pav		Size: 2.5 eF, eS, Dneb	19	13.2	-	62	5
4825			Pav		eF, eS, R	19	17.3	-	72	45
4826		Galaxy	Pav		Size: 1.7 eF, eeS, R	19	12.3	-	57	12
4827		Galaxy	Pav		Size: 2.5 F, cS, eE 170deg , stell N	19	13.3	-	60	52
4828			Pav		vF, vS, cE 60deg	19	13.6	-	62	4
4829		Galaxy	Tel		Size: 2.0 eeF, eS, mE 20deg	19	12.6	-	56	32
4830		Galaxy	Pav		Size: 1.7 eF, eS, R, lbM	19	13.8	-	59	18
4831		Galaxy	Pav		Size: 3.3 ! cF, vS, eE 150deg , 2-br sp	19	14.7	-	62	16
4832		Galaxy	Tel		Size: 2.0 vF, vS, eE 145deg , stell N	19	14.1	-	56	37
4833			Pav		eeF, eS, R, bM	19	15.6	-	62	20
4834			Pav		eF, vS, IE 140deg	19	16.5	-	64	1
4835			Pav		eF, eS, cE 0deg	19	15.5	-	58	14
4836		Galaxy	Pav		Size: 1.1 F, cL, iF, 2 st inv	19	16.3	-	60	12
4837	ESO 184-IG046	Galaxy	Tel	12	Size: 2.8 F, cS, R, bM	19	15.3	-	54	40
4838			Pav		cF, S, eE 45deg	19	16.8	-	61	37
4839		Galaxy	Tel		Size: 2.4 F, neb*	19	15.6	-	54	38
4840		Galaxy	Tel		Size: 1.1 cF, vS	19	15.9	-	56	13
4841			Pav		eF, S, R, cbM	19	20.8	-	72	13
4842		Galaxy	Pav	12.3	Size: 2.4 vF, vS, R	19	19.5	-	60	39
4843			Pav		eF, eS, cE 90deg	19	19.3	-	59	18
4844		Galaxy	Tel		Size: 1.6 vF, vS	19	19	-	56	2
4845		Galaxy	Pav		Size: 1.7 cF, bM, *11 sp 0'.4	19	20.4	-	60	23
4846	PK 27-9.1	Planetary Nebula	Aql	13	PN , stellar	19	16.5	-	9	3
4847			Pav		vF, eS, R, *8.9 sf 4'	19	23.5	-	65	31
4848			Pav		eF, eS, R	19	22.8	-	56	47
4849			Pav		vF, vS	19	25.4	-	62	54
4850			Aql		PN , stellar	19	20.4	-	0	8
4851		Galaxy	Pav		Size: 1.6 vF, vS, eE 15deg , vmbM, susp	19	25.5	-	57	40
4852		Galaxy	Pav		Size: 1.7 cF, bM	19	26.4	-	60	20
4853			Pav		eeF, eS, IE 170deg	19	30.9	-	71	4
4854			Pav		vF, cS, R	19	27.4	-	59	18
4855			Pav		eF, vS, R, susp	19	27.5	-	59	18
4856		Galaxy	Tel		Size: 1.0 eF, eS, Dneb, susp	19	27.5	-	54	55
4857		Galaxy	Pav		Size: 1.8 vF, cS, R; = IC 4858	19	28.6	-	58	46
4858		Galaxy	Pav		Size: 1.8 eeF, eS, prob spir; susp	19	28.6	-	58	46
4859			Pav		eF, S, cbM, alm stell N	19	30.8	-	66	19
4860		Galaxy	Pav		Size: 1.1 eF, S, R	19	31.5	-	67	22
4861			Pav		vF, eS, cE 25deg , susp	19	29.2	-	57	34
4862		Galaxy	Pav		Size: 1.4 eF, S, cbM, IE 0deg	19	31.7	-	67	19
4863			Sgr		close D*, nebulous?	19	28.3	-	36	12
4864		Galaxy	Oct		Size: 1.6 eF, vS, eE 70deg , vF* sp 1'	19	40.1	-	77	33
4865			Tel		F, perh stell N; *9.5 att sf	19	30.9	-	46	42
4866		Galaxy	Pav		Size: 1.6 cF, S, R, bM	19	34.6	-	61	9
4867		Galaxy	Cyg	14	Size: 1.0 S; 2 st 7 nf 3' (= IC 1301?)	19	26.5	+	50	7
4868			Tel		eS, IE, mag 9.4	19	33.5	-	45	54
4869		Galaxy	Pav		Size: 2.3 F, S, R, bM, F* sp 1'	19	36	-	61	2
4870		Galaxy	Pav		Size: 1.5 vF, S, F* inv	19	37.6	-	65	49

IC Objects

ObjectNum	Name	Type	Constellation	Magnitude	Info	RAHour	RAMinute	DecSign	DecDeg	DecMinute
4871		Galaxy	Pav		Size: 3.2 vF, S, eE 15deg	19	35.7	-	57	31
4872		Galaxy	Pav		Size: 3.2 vF, S, eE 5deg ; = IC 4871	19	35.7	-	57	31
4873			Tel		F, S, R, F* M	19	34.9	-	46	8
4874		Galaxy	Tel		Size: 1.4 F, S, R, F* M	19	36.4	-	47	16
4875		Galaxy	Tel		Size: 1.3 F, S, R, lbM	19	37.7	-	52	4
4876		Galaxy	Tel		Size: 1.2 F, S, R, lbM	19	37.7	-	52	51
4877		Galaxy	Tel		Size: 1.1 F, S, R, lbM	19	37.9	-	51	59
4878			Pav		eF, eS, mE 40deg	19	38.8	-	58	13
4879			Tel		F, S, R, lbM	19	39.7	-	52	22
4880		Galaxy	Tel		Size: 1.5 eF, vS, R	19	40.5	-	56	25
4881		Galaxy	Tel		Size: 1.5 eF, vS, R	19	40.4	-	55	51
4882		Galaxy	Tel		Size: 1.2 eF, eS, R	19	40.4	-	55	12
4883		Galaxy	Tel		Size: 1.3 vF, vS, mE 170deg	19	42	-	55	33
4884			Pav		eF, eS, cE 170deg	19	42.7	-	58	7
4885		Galaxy	Pav		Size: 2.0 vF, eS, eE 85deg , stell N	19	43.9	-	60	39
4886		Galaxy	Tel		Size: 1.5 F, S, R, mbM	19	43.1	-	51	48
4887			Pav		cB, S, R, bM	19	48.3	-	69	35
4888		Galaxy	Tel		Size: 1.3 F, vS, R, lbM	19	44.9	-	54	27
4889	IC 4891	Galaxy	Tel	12	Size: 2.6 bM, mag 10	19	45.3	-	54	20
4890		Galaxy	Tel		Size: 1.3 eeF, eS, R, F* s 1'	19	45.6	-	56	33
4891		Galaxy	Tel		Size: 2.8 cB, S, R, bM; = IC 4889	19	45.3	-	54	21
4892		Galaxy	Pav		Size: 1.6 eF, S, eE 10deg	19	49.5	-	70	14
4893			Pav		eF, vS, R, bM	19	50.6	-	72	31
4894		Galaxy	Tel		Size: 0.9 bM, mag 15	19	47	-	51	51
4895		Galaxy	Sgr	8	Size: 10.0 group of neb, 25' diam; = 68	19	45	-	14	48
4896			Pav		eeF, eS, R, bet 2 eF st	19	49.1	-	58	59
4897		Galaxy	Tel		Size: 1.1 bM, mag 16	19	49.3	-	51	52
4898			Sgr		eeF, eS, e dif, sev F st nr	19	47.8	-	33	19
4899			Pav		eeF, eS, vF* sp 1'	19	54.4	-	70	36
4900			Tel		bM, mag 15	19	50.3	-	51	20
4901		Galaxy	Pav		Size: 5.0 cF, S, vIE 135deg	19	54.4	-	58	43
4902			Tel		eeF, eS, cE 0deg ; susp	19	54.4	-	56	23
4903			Pav		eF, vS, bet 2 F st	19	58.2	-	70	27
4904			Pav		vF, S, R	19	58.5	-	70	11
4905			Pav		eeF, eS, mE 130deg , nr 2 eF st	19	56.1	-	61	13
4906		Galaxy	Pav		Size: 1.7 F, S, R, bM, 4 st around	19	56.8	-	60	28
4907			Tel		bM, mag 16	19	56.2	-	52	27
4908			Tel		eF, eS, R, susp	19	56.9	-	55	47
4909		Galaxy	Tel		Size: 2.1 bM, mag 15	19	56.7	-	50	3
4910			Pav		eF, eS, cE 130deg , am st; susp	19	57.8	-	56	52
4911			Tel		bM, mag 16	19	57.7	-	51	58
4912		Galaxy	Oct		Size: 1.0 eF, vS, F* np 1'; susp	20	6.8	-	77	21
4913		Galaxy	Sgr		Size: 1.9 eeF, pS, e diffic, 3 st 10 s	19	56.8	-	37	20
4914			Tel		F, vS, R	19	58.1	-	50	7
4915		Galaxy	Tel		Size: 1.4 bM, mag 15	19	58.5	-	52	38
4916		Galaxy	Tel		Size: 1.3 F, S, R, F* M	19	58.3	-	50	16
4917		Galaxy	Tel		Size: 1.2 bM, mag 16	19	58.9	-	52	16
4918			Tel		bM, mag 16	19	59.3	-	52	17
4919		Galaxy	Tel		Size: 1.6 eeF, eS, R, * f 1'; susp	20	0.2	-	55	22
4920			Tel		vF, vLE, lbM	20	0.1	-	53	23
4921			Pav		vF, S, R; cbM	20	3.3	-	67	50
4922			Sgr		vF, vS, R; susp	19	59.5	-	40	22
4923		Galaxy	Tel		Size: 1.3 bM, mag 14	20	1	-	52	38
4924			Sgr		dif (defect?)	19	59.9	-	41	33
4925			Tel		F, S, vME 170deg	20	1.2	-	52	51
4926			Sgr		eeF, S, IE, v diffic, p of 2	20	0.2	-	38	35
4927		Galaxy	Tel		Size: 1.3 F, S, E 170deg	20	1.8	-	53	55
4928			Oct		eF, vS, eE 25deg , eF* n 1'; susp	20	10.2	-	77	18
4929		Galaxy	Pav		Size: 1.3 F, S, cE 15deg	20	6.7	-	71	41
4930			Tel		cB, S, mE 45deg , susp	20	2.4	-	54	18
4931		Galaxy	Sgr		Size: 2.6 eeF, pS, R, *8 f 20s , f of 2	20	0.8	-	38	35
4932			Tel		bM, mag 15	20	2.3	-	52	50
4933		Galaxy	Tel		Size: 2.5 eF, eS, 2-branch spir	20	3.5	-	54	59
4934			Pav		vF, vS, cE 15deg , lbM; susp	20	7.2	-	69	28
4935		Galaxy	Pav		Size: 1.5 vF, vS, mE 5deg , * 1' sp; su	20	4.6	-	57	36
4936		Galaxy	Pav		Size: 1.6 eF, vS, eE 20deg , 2 F st np	20	5.9	-	61	26
4937		Galaxy	Tel		Size: 2.0 eeF, vS, eE 0deg , N; susp	20	5.3	-	56	15
4938		Galaxy	Pav		Size: 1.9 ! vF, pS, annul, stell N, vF*	20	6.2	-	60	13
4939			Pav		eeF, eS, cE 150deg , F* s 2'	20	7.2	-	60	44
4940			Sgr		F, S, E 100deg	20	5.7	-	44	42
4941		Galaxy	Tel		Size: 1.2 F, S, R, lbM, v dif	20	7	-	53	39
4942		Galaxy	Tel		Size: 1.3 F, vS, R	20	6.8	-	52	37
4943		Galaxy	Tel		Size: 2.2 eeF, pS, R, F* n, v diffic	20	6.5	-	48	22
4944		Galaxy	Tel		Size: 1.9 bM, mag 14	20	7.1	-	54	27
4945		Galaxy	Pav		Size: 1.0 F, S, E 5deg , cbM	20	11.3	-	71	1
4946	ESO 285-G007		Sgr		eF, S, R	20	6	-	44	2
4947		Galaxy	Tel		Size: 1.2 bM, mag 15	20	7.5	-	53	8
4948			Sgr		vF, pS, R, 2 st f, * np	20	6.5	-	43	37
4949		Galaxy	Tel		Size: 3.0 B, vS, cE; = 6861	20	7.3	-	48	22
4950		Galaxy	Tel		Size: 1.3 eF, vS, eE 35deg , lbM	20	8.4	-	56	10
4951		Galaxy	Pav		Size: 2.8 vF, vS, eE 170deg , vmbM	20	9.5	-	61	51
4952		Galaxy	Tel		Size: 1.3 F, vS, cE 10deg	20	8.6	-	55	27
4953			Pav		eF, eS, cE 60deg , bet 2 eF st	20	10.1	-	62	48
4954	IC 4955;Ced 175	Nebula	Vul		Size: 25. D neb*, iF, *11 close	20	4.8	+	29	15

IC Objects

ObjectNum	Name	Type	Constellation	Magnitude	Info	RAHour	RAMinute	DecSign	DecDeg	DecMinute
4955			Vul		fine neb *12	20	4.9	+	29	11
4956		Galaxy	Tel		Size: 1.9 vF, pS, R	20	11.5	-	45	36
4957		Galaxy	Tel		Size: 1.0 bM, mag 14	20	9.6	-	55	43
4958			Pav		eF, bM	20	15.5	-	72	42
4959			Tel		hazy star	20	11	-	53	6
4960		Galaxy	Pav		Size: 1.0 eF, eS, bM	20	15.4	-	70	32
4961		Galaxy	Tel		Size: 1.4 F, pS, mE 90deg , dif	20	11.5	-	53	8
4962			Pav		F, S, eE 160deg , vmbM	20	15.9	-	71	0
4963		Galaxy	Tel		Size: 2.0 vF, vS, R	20	12.1	-	55	15
4964		Galaxy	Pav		Size: 1.3 F, S, cbM	20	17.4	-	73	53
4965		Galaxy	Pav		Size: 1.5 bM, mag 15	20	12.5	-	56	50
4966			Tel		F, vS, E 40deg	20	12.3	-	53	36
4967		Galaxy	Pav		Size: 0.6 vF, bM	20	16.4	-	70	34
4968			Pav		vF, S, B* sf 3'	20	14.6	-	64	47
4969		Galaxy	Tel		Size: 1.0 F, vS, R	20	12.9	-	53	55
4970		Galaxy	Pav	13.9	Size: 0.8 bM, nr 6872	20	16.9	-	70	45
4971			Pav		eF, vS	20	17	-	70	38
4972		Galaxy	Pav		Size: 1.0 eF, vS, eE 15deg	20	17.7	-	70	55
4973			Pav		eeF, vS, R	20	14.6	-	58	22
4974			Pav		eF, eS, R, bM, * sp 1'	20	15.3	-	61	52
4975		Galaxy	Tel		Size: 1.3 bM, mag 15	20	14	-	52	43
4976			Pav		eF, eS, R, bM, * 3' np	20	15.5	-	61	53
4977			Cap		stellar, close to *13	20	11.9	-	21	38
4978			Tel		bM, mag 15	20	14.6	-	54	26
4979		Galaxy	Tel		Size: 1.3 vF, S, R, dif	20	14.7	-	53	28
4980		Galaxy	Pav		Size: 1.6 vF, S, IE 130deg , * 2' s	20	15.5	-	57	55
4981		Galaxy	Pav		Size: 0.7 eF, eS, * nr	20	19.7	-	70	51
4982			Pav		vF, bM	20	20.4	-	71	0
4983		Galaxy	Tel		Size: 1.1 vF, cS, R, lbM, dif	20	16.1	-	52	5
4984			Tel		vF, S, R, dif, 6887 f	20	16.3	-	52	43
4985			Pav		vF, bM	20	20.7	-	70	59
4986		Galaxy	Tel		Size: 2.0 eeF, S, cE 0deg , bet 2 F st	20	17.2	-	55	2
4987		Galaxy	Tel		Size: 1.4 F, vS, R, lbM	20	17.3	-	52	17
4988			Pav		hazy patch, st?; susp	20	21.8	-	69	23
4989			Pav		cS, mE 175deg , spir, F* M	20	19.5	-	58	33
4990			Pav		eF, eS, cE 15deg , bM, susp	20	21.5	-	66	54
4991		Galaxy	Sgr		Size: 2.5 vF, cS, R	20	18.4	-	41	3
4992		Galaxy	Pav		Size: 2.0 vF, S, eE 65deg , *9 nf 2'	20	23.5	-	71	34
4993			Pav		eF, vS, R, bM, susp	20	22	-	67	0
4994		Galaxy	Tel		Size: 2.0 bM, mag 15	20	19.7	-	53	27
4995		Galaxy	Tel		Size: 1.7 bM, mag 14	20	20	-	52	37
4996	Cr 418	Open Cluster	Cyg	7.3	Size: 6. Cl, st 8...13	20	16.5	+	37	38
4997	PK 58-10.1	Planetary Nebula	Sge	12	Size: 0.1 PN , stellar	20	20.2	+	16	45
4998		Galaxy	Sgr		Size: 1.7 eF, pS, R, bet 2 st 8.5 sp, n	20	22.2	-	38	18
4999		Galaxy	Cap		Size: 1.9 vF, pL, R, am st	20	23.9	-	26	1
5000		Galaxy	Aql		Size: 1.5 pS, eF st inv	20	22.4	+	6	26
5001		Galaxy	Tel		Size: 1.3 bM, mag 15	20	26.3	-	54	47
5002		Galaxy	Tel		Size: 1.6 bM, mag 13	20	26.7	-	54	48
5003			Sgr		vF, cS, R, 2 st sf in line	20	25.2	-	29	52
5004			Sgr		eF, pS, IE, 2 st s	20	25.4	-	30	52
5005		Galaxy	Cap		Size: 2.3 pS, R, vgbM, F* close np	20	25.3	-	25	50
5006		Galaxy	Aql	12	Size: 1.6 *14 in F, vS, R neb	20	23.7	+	6	27
5007			Sgr		eeF, cL, R	20	25.6	-	29	42
5008		Galaxy	Pav		Size: 1.2 eF, vS, IE 90deg , lbM	20	32.7	-	72	42
5009			Pav		vF, vS, bM	20	32.6	-	72	10
5010			Pav		vF, vS, cE 20deg , mbM	20	31	-	65	55
5011		Galaxy	Mic		Size: 2.2 pB, vS, vmE	20	28.6	-	36	2
5012		Galaxy	Pav		Size: 1.4 pS, E 225deg , lbM	20	29.5	-	56	45
5013		Galaxy	Mic		Size: 2.2 eS, vmE ns; = IC 5011	20	28.6	-	36	2
5014			Pav		F, S, bM, bet 2 F st	20	35.3	-	73	28
5015			Mic		pB, pS, R, nearly bet 2 st	20	28.6	-	31	42
5016			Pav		eeF, eS, *11 sp 1'	20	35.6	-	72	55
5017		Galaxy	Ind		Size: 1.3 bM, mag 14.5	20	32.1	-	57	35
5018		Galaxy	Sgr		Size: 1.7 eF, pS, R, bet 2 st 8.5 sp, n	20	22.2	-	38	18
5019		Galaxy	Mic		Size: 2.0 vF, cS, R	20	30.8	-	36	5
5020		Galaxy	Mic	13	pF, pS, iE	20	30.6	-	33	29
5021			Ind		vS, R disc, mag 14	20	33.5	-	54	31
5022		Galaxy	Oct		Size: 1.2 eF, S, R, cbM, susp	20	41.1	-	76	27
5023			Pav		F, S, cE 130deg	20	38.1	-	67	11
5024			Pav		eF, S, mE 15deg	20	40.1	-	71	6
5025		Galaxy	Oct		Size: 1.3 vF, vS, cE 125deg , bM, susp	20	45	-	76	59
5026		Galaxy	Oct		Size: 2.5 eF, vS, mE 70deg , lbM, susp	20	48.5	-	78	4
5027			Ind		R, mag 15	20	41.1	-	55	29
5028		Galaxy	Pav		Size: 1.4 vF, dif, *10 s 2', susp	20	43.4	-	65	39
5029		?	Mic		eeF, eS, mE, F* sf, np of 2	20	40.3	-	29	50
5030			Mic		eeF, vS, mE, v dif, sf of 2	20	40.6	-	29	51
5031		?	Pav		eF, eS, R, susp	20	45.3	-	67	32
5032			Pav		eF, eS, R, susp	20	45.4	-	67	32
5033			Ind		vS, R, lbM, mag 15	20	43.8	-	57	19
5034		Galaxy	Ind		Size: 1.6 bM, mag 14.5	20	43.7	-	57	2
5035			Ind		vS, R, lbM, mag 15	20	44.3	-	57	8
5036			Ind		F, pS, mE 125deg	20	44.7	-	57	37
5037			Ind		F, pS, mE 170deg	20	45.6	-	58	26
5038			Pav		vF, vS, R, alm stell	20	46.9	-	65	1

IC Objects

ObjectNum	Name	Type	Constellation	Magnitude	Info	RAHour	RAMinute	DecSign	DecDeg	DecMinute
5039		Galaxy	Mic	12.6	Size: 2.5 eeF, pS, vmE, sp of 2	20	43.2	-	29	51
5040			Oct		cB, S, R, susp	20	52.3	-	76	40
5041		Galaxy	Mic		Size: 3.0 eeF, pS, mE, v diffc, nf of	20	43.6	-	29	42
5042			Pav		vF, vS, R, alm stell	20	47.8	-	65	5
5043			Ind		F, S, E 210deg	20	46.7	-	56	59
5044			Pav		eF, eS, R	20	50.6	-	71	57
5045			Pav		eF, eS, R	20	50.7	-	71	58
5046		Galaxy	Mic		Size: 1.9 eF, pS, mE, 2 vF st sf, sp of	20	43.2	-	29	51
5047		Galaxy	Mic		Size: 3.0 eeF, pS, mE, v diffc, nf of	20	43.6	-	29	42
5048			Pav		eF, vS	20	51.6	-	71	48
5049		Galaxy	Mic		Size: 1.2 eeF, pS, R	20	47.4	-	38	25
5050		Galaxy	Aqr	14	Size: 1.0 F, cS, dif, vS E N	20	45.3	-	5	39
5051			Pav		eF, vS	20	52.3	-	71	47
5052	ESO 74-15	Galaxy	Pav	12	Size: 5.8 F, L, eE 140deg , 4' l	20	52.1	-	69	12
5053		Galaxy	Pav		Size: 1.9 cF, vS, bM, *11 n 2'	20	53.6	-	71	8
5054		Galaxy	Pav		Size: 1.8 cF, vS, bet 2 F st	20	53.7	-	71	1
5055			Pav		vF, bM, susp	20	52.9	-	68	27
5056			Mic		F, cL, eE 150deg	20	49	-	39	11
5057		Star	Aqr		cF, neb* or eS neb	20	47.2	+	0	19
5058		Star	Aqr		eF, distinct from 6963	20	47.4	+	0	29
5059			Ind		vF, S, R, dif	20	51.3	-	57	41
5060			Pav		eF, eS, bet 2 F st	20	54.6	-	71	38
5061		Triple Star	Aqr		eF, vS Cl; neb?	20	47.6	+	0	20
5062		Double Star	Aqr		*13.5 with eF st & neb, *13 p 1'	20	48.2	-	8	22
5063	ESO 187-23	Galaxy	Ind	12	Size: 1.9 bM, mag 13	20	52	-	57	5
5064		Galaxy	Ind		Size: 1.6 bM, mag 14	20	52.6	-	57	14
5065		Galaxy	Mic		Size: 1.2 vF, pS, R	20	51.8	-	29	51
5066			Pav		vF, vS, bM	20	57.1	-	73	9
5067			Cyg		F	20	47.8	+	44	22
5068	LBN 328	Nebula	Cyg		Size: 80. vF	20	50.8	+	42	31
5069			Pav		eF, S, R	21	0	-	71	48
5070	LBN 350	Nebula	Cyg		Size: 80. F, dif	20	50.8	+	44	21
5071		Galaxy	Pav		Size: 3.5 cB, S, eE 20deg , stell N	21	1.3	-	72	39
5072			Pav		eF, eS, R	21	2	-	72	59
5073		Galaxy	Pav		Size: 1.2 eF, S, R	21	3.3	-	72	41
5074			Pav		R, PN , mag 14	21	0.9	-	63	8
5075			Pav		vF, S, cbM	21	4.5	-	71	51
5076	LBN 394	Nebula	Cyg		Size: 9. vF, vL, IE ns, st inv	20	55.9	+	47	25
5077			Pav		eF, eS, *10 np 2'	21	9	-	73	39
5078		Galaxy	Cap		Size: 4.0 eE, nr 2nd * of 3; susp	21	2.6	-	16	49
5079		Open Cluster	Ind		F, S, E; vS Cl or ring? (RA +/-)	21	5.5	-	56	15
5080		Galaxy	Del	16	F, vS, R, stell N	21	2.5	+	19	13
5081			Del		vF, vS, R, stell N	21	3	+	19	12
5082			Aqr		eF, S; = 7010	21	4.7	-	12	21
5083		Galaxy	Equ	15	eeF, vS, v diffc; *8 f 13s	21	3.8	+	11	46
5084		Galaxy	Pav		Size: 1.6 F, pS, eE 155deg , cbM	21	9.2	-	63	17
5085			Pav		vF, vS, R	21	13.4	-	74	6
5086		Galaxy	Mic		Size: 2.0 eeF, pS, R, F* f	21	8.5	-	29	46
5087		Galaxy	Pav		Size: 1.4 vF, vS, *11 np 3'	21	14.3	-	73	46
5088		Galaxy	Cap		Size: 1.8 eF, vS, diffc	21	9.4	-	22	53
5089			Aqr		eF, vS, bM, F* 30" sp	21	11	-	3	51
5090		Galaxy	Aqr	14	Size: 1.1 vF, S, R, sbM	21	11.6	-	2	2
5091			Pav		eF, vS, R	21	17.7	-	70	39
5092		Galaxy	Pav		Size: 2.9 pL, E, mbM	21	16.2	-	64	28
5093			Pav		eeF, vS, R, susp	21	18.8	-	70	38
5094		Galaxy	Pav		Size: 1.4 vF, vS, R, * np 0'.5	21	17.8	-	66	26
5095			Pav		pL, E	21	17.3	-	59	56
5096		Galaxy	Pav		Size: 3.0 F, pL, eE 145deg , stell N	21	18.4	-	63	46
5097		Triple Star	Equ		eF, stell, 3' sf 7045	21	15	+	4	27
5098		Double Star	Equ		eF, 2'.5 sff 7045	21	15	+	4	29
5099			Pav		vF, S, IE 10deg	21	21.9	-	71	0
5100		Galaxy	Pav		Size: 1.7 F, S, cE 110deg	21	21.7	-	65	56
5101		Galaxy	Pav		Size: 1.4 cF, S, * in neb	21	21.9	-	65	50
5102			Pav		eF, eS, bM	21	26.3	-	73	19
5103		Galaxy	Pav		Size: 1.4 eF, vS, R	21	29.2	-	74	4
5104		Galaxy	Peg	14	Size: 1.8 F, vS, E ns, dif, *14 nr	21	21.5	+	21	14
5105	ESO 342-39	Galaxy	Mic	11.5	Size: 2.5 vF, vS, R, st n & s	21	24.4	-	40	37
5106		Galaxy	Pav		Size: 1.3 F, S, R, bM	21	28.6	-	70	50
5107			Pav		eF, vS, cE 10deg	21	28.3	-	65	44
5108		Galaxy	Ind		Size: 1.4 eF, vS, cbM	21	32.9	-	72	40
5109			Ind		vF, bM	21	33.9	-	74	6
5110			Ind		vF, vIE	21	30.6	-	59	59
5111		Galaxy	Aqr	15	Size: 0.8 F, S, iF	21	28.2	+	2	29
5112		Open Cluster	Peg		Cl, eF, eS	21	29.5	+	6	47
5113		Open Cluster	Peg		Cl, eF, S; nebs?	21	29.7	+	6	49
5114		Galaxy	Gru		Size: 2.0 eF, pS, R, 2 st f 30s ; = 709	21	34.1	-	36	39
5115			Peg		eeF, vS, F* f	21	30.5	+	11	47
5116			Ind		cF, S, R, stell N	21	37.1	-	70	59
5117	PK 89-5.1	Planetary Nebula	Cyg	13	Size: 0.1 PN , stellar	21	32.5	+	44	35
5118			Ind		vF, S, cE 35deg , *10 sp 2'	21	40.3	-	71	23
5119		Galaxy	Peg	15	Size: 1.0 F, vS, dif, *15 att, *13 n	21	34	+	21	49
5120		Galaxy	Ind		Size: 2.1 F, alm R	21	38.8	-	64	21
5121		Galaxy	Ind		Size: 1.7 PN , stellar, 13 mag; = 7096	21	41.3	-	63	55
5122			Cap		eF, vS; 7103-04, IC 1393 nr	21	39.8	-	22	24

IC Objects

ObjectNum	Name	Type	Constellation	Magnitude	Info	RAHour	RAMinute	DecSign	DecDeg	DecMinute
5123		Galaxy	Ind		Size: 1.9 cF, vS, cE 15deg , *12 p 1'	21	44.8	-	72	25
5124			Cap		eeF, S, diffi; another susp 1' s	21	39.9	-	22	26
5125		Galaxy	Ind		Size: 1.4 F, eS, R, bM	21	41.8	-	52	46
5126			Aqr		vF, vS, R, bet 2 st 14	21	40.1	-	5	22
5127			Peg		eF, pL, sev eF st & neb; = 7102	21	39.8	+	6	14
5128			Gru		eeF, vS, R, dif, st sp	21	42.7	-	39	0
5129			Ind		no descr	21	47.8	-	65	23
5130		Galaxy	Ind		Size: 2.4 vF, vS	21	50.4	-	74	0
5131	ESO 403-27	Galaxy	PsA	12.4	Size: 1.6 vF, vS, R	21	47.4	-	34	53
5132			Cep		1st of 2 st 13m in vF neb	21	42.3	+	66	8
5133			Cep		2nd of 2 st 13m in vF neb	21	42.4	+	66	9
5134			Cep		*9.5 in neb; 7129 close	21	43	+	66	6
5135		Galaxy	PsA	12.3	Size: 1.3 vF, pL, R; = 7130	21	48.3	-	34	57
5136			PsA		eeF, S, R	21	48.8	-	33	39
5137			Ind		eF, S, R, stell N, spir?; susp	21	51.6	-	65	35
5138			Ind		eF, eS, R, susp	21	53.5	-	68	57
5139		Galaxy	PsA		Size: 2.2 vF, S, IE	21	50.4	-	31	0
5140		Galaxy	Ind		Size: 1.9 eF, vS, mE 135deg	21	54.3	-	67	20
5141		Galaxy	Ind		Size: 1.8 PN , stell, 15 mag	21	53.3	-	59	30
5142		Galaxy	Ind		Size: 1.4 eF, vS, R, bet 2 st, susp	21	55.3	-	65	31
5143			Gru		eeF, pS, R	21	56.3	-	49	3
5144			Peg		F, S, sev F st close f	21	53.9	+	15	6
5145			Peg		no descr	21	54.2	+	15	13
5146	OCL 213	Cluster Nebulosity	Cyg	7.2	Size: 12. pB, vL, iF, *9.5 in M	21	53.4	+	47	16
5147		Galaxy	Ind		Size: 1.4 eF, eS, R, F* f 2'	21	59.4	-	65	27
5148	PK 2-52.1	Planetary Nebula	Gru		Size: 2.0 vF, L, IE, * att	21	59.5	-	39	23
5149			PsA		eF, S, R, *6.5 f 63s on par	21	58.7	-	27	23
5150			Gru		pB, pL, annular	21	59.2	-	39	25
5151		Galaxy	Peg	15	F, vS, R, gbMN, r	21	58.9	+	3	45
5152	ESO 237-27	Galaxy	Ind	12	Size: 4.5 F, cL, cE 150deg , cbM	22	2.9	-	51	17
5153		?	Peg		eF, st?; *9.5 st 1'.4	22	0.4	+	17	51
5154			Ind		vF, bM	22	4.6	-	66	7
5155		Star	Aqr		eF, S, smbM, *13 f 1'.5	22	2.1	+	0	30
5156		Galaxy	PsA	13	pF, pS, R	22	3.3	-	33	50
5157		Galaxy	PsA		Size: 2.1 pB, pS, R, 3 st in line nf	22	3.4	-	34	56
5158		Galaxy	Ind		Size: 1.1 eeF, eS, bM	22	6.4	-	67	31
5159		Star	Aqr		eF, vS, stell, *11.5 nff 1'.5	22	2.7	+	0	21
5160		Galaxy	Peg	15	Size: 1.1 F, vS, R	22	3.2	+	10	56
5161			Peg		F, R, stell, r	22	5.6	+	9	34
5162			Ind		eF, eS, vE 95deg	22	8.1	-	52	43
5163			Peg		eF, 2 st 13 nr	22	5.8	+	27	5
5164			Peg		eF, stell	22	6	+	27	3
5165		Galaxy	Tuc		Size: 1.4 eF, eS	22	10.1	-	64	35
5166			Peg		eF, stell N, or vS Cl	22	6.1	+	27	4
5167		Star	Aqr		vF, neb?	22	7.5	-	8	8
5168		Galaxy	PsA		Size: 1.3 eeF, vS, mE, 2 F st	22	8.8	-	27	51
5169		Galaxy	PsA		Size: 2.2 eF, eS, stell N, spir or oval	22	10.2	-	36	5
5170		Galaxy	Gru		Size: 1.8 no descr	22	12.5	-	47	13
5171		Galaxy	Gru		Size: 2.8 no descr	22	10.9	-	46	5
5172		Galaxy	Peg	16	vF, vS, stell, *14 att	22	9.9	+	12	49
5173		Galaxy	Ind		Size: 1.6 eF, S, mE 75deg	22	14.8	-	69	22
5174		Galaxy	Gru		Size: 0.8 eF, eS, cE 150deg	22	12.7	-	38	10
5175			Gru		eF, eS, R, bM	22	12.7	-	38	8
5176		Galaxy	Tuc		Size: 4.7 vF, S, eE 30deg , * n	22	14.9	-	66	51
5177		Galaxy	Peg	15	Size: 1.6 F, S, E ns, glbM	22	11.6	+	11	48
5178		Galaxy	Aqr		Size: 1.4 eF, vS, 7220 p 63s	22	12.5	-	22	57
5179		Galaxy	Gru	11.9	Size: 2.3 vF, L, R, * nr s; B* sp	22	16.1	-	36	50
5180		Galaxy	Lac	15	Size: 1.1 vF, S, sbM	22	11.1	+	38	55
5181	ESO 289-G001	Galaxy	Gru	11.7	Size: 2.8 no descr	22	13.4	-	46	2
5182			Tuc		eF, eS, bM	22	16.1	-	65	27
5183			PsA		pB, cS, F* att sf	22	15.4	-	35	50
5184		Galaxy	Gru		Size: 2.6 pF, pS, IE, bet 2 st ns; = IC	22	16.1	-	36	51
5185			Tuc		eF, vS, bM	22	17.8	-	65	51
5186	ESO 405-G007	Galaxy	Gru		Size: 1.5 eeF, S, R, F* nr p	22	18.8	-	36	48
5187			Tuc		vS, R, disc, mag 14.5	22	18.3	-	59	37
5188		Galaxy	Tuc		Size: 1.5 F, cS, R, cbM	22	18.4	-	59	38
5189		Star	Aqr		eF*; nebs?	22	16.2	-	5	0
5190		Galaxy	Tuc		Size: 1.6 vF, 2-br spir, *15 in M	22	19	-	59	53
5191		Galaxy	Lac		Size: 0.8 one of 6 neb incl 7240, 7242,	22	15	+	37	18
5192		Galaxy	Lac		Size: 0.2 another of group of 6	22	15.2	+	37	16
5193		Galaxy	Lac		another of group of 6	22	15.7	+	37	15
5194		Galaxy	Aqr		Size: 0.2 eF (not found again)	22	17.1	-	15	57
5195		Galaxy	Lac		eF, S, 0'.5 s of 7242	22	15.7	+	37	18
5196			Tuc		eF, eeS, eE 105deg , stell N	22	20.2	-	65	24
5197		Galaxy	Tuc		Size: 1.3 bM, mag 15	22	19.8	-	60	8
5198			Aqr		eF, pL, R, bM, r	22	17.7	-	15	40
5199		Galaxy	Gru		Size: 1.6 eF, eS, cE 160deg	22	19.5	-	37	32
5200			Tuc		eeF, eS, R, F* np 1'	22	22.3	-	65	45
5201	ESO 289-G018	Galaxy	Gru	11	Size: 8.5 no descr	22	21.4	-	46	4
5202		Galaxy	Tuc		Size: 1.4 ! eF, vS, stell N, spir	22	22.9	-	65	48
5203		Galaxy	Tuc		Size: 1.6 bM, mag 15	22	22.6	-	59	46
5204			Aqr		vF, vmE	22	20.7	-	14	24
5205			Tuc		bM, mag 16	22	22.8	-	59	48
5206		Galaxy	Tuc		Size: 1.2 eF, vS, R, stell N	22	24.1	-	66	51

IC Objects

ObjectNum	Name	Type	Constellation	Magnitude	Info	RAHour	RAMinute	DecSign	DecDeg	DecMinute
5207		Galaxy	Tuc		Size: 1.6 bM, mag 16	22	23.5	-	60	34
5208		Galaxy	Tuc		Size: 1.3 eeF, eS, eE 65deg , stell N	22	24.6	-	65	14
5209			Gru		F, eS, R, 2 st np	22	23.1	-	37	59
5210		Galaxy	Aqr		Size: 1.6 eeF, vS, R, p of 2	22	22.5	-	18	52
5211			Aqr		eF, S, f of 2	22	22.7	-	18	53
5212		Galaxy	Gru		Size: 1.4 eF, eS, cE 40deg	22	23.5	-	38	2
5213			Tuc		bM, mag 16	22	25	-	60	29
5214			PsA		eF, pS, R, *8 p	22	23.7	-	27	28
5215			Tuc		eF, vS, R, * 2' nf; susp	22	27	-	65	56
5216			Aqr		vF, S, R, N	22	24.7	-	18	5
5217	PK 100-5.1	Planetary Nebula	Lac	13	Size: 0.1 PN , stellar	22	23.9	+	50	58
5218		Galaxy	Tuc		Size: 1.4 F, pS, E 195deg	22	28.1	-	60	24
5219			Tuc		eF, eS, cE 15deg , susp	22	28.7	-	65	52
5220			Tuc		F, pS, E 105deg	22	28.2	-	59	43
5221			Tuc		eF, bM, susp	22	28.9	-	65	53
5222		Galaxy	Tuc		Size: 1.7 ! eF, pS, stell N, susp	22	29.9	-	65	40
5223		Galaxy	Peg	16	Size: 1.1 F, vS, dif, r	22	29.8	+	7	58
5224		Galaxy	Gru		Size: 1.4 no descr	22	30.5	-	46	0
5225			PsA		eeF, pS, R, bet 2 st	22	31.5	-	25	22
5226			Aqr		eeF, pL, R	22	31.7	-	24	40
5227		Galaxy	Tuc		Size: 1.5 F, S, stell N	22	34.1	-	64	42
5228		Galaxy	Aqr	13	Size: 1.9 pB, pS, R, B* s; = 7302	22	32.4	-	14	8
5229			Tuc		bM, mag 15	22	34.8	-	61	23
5230			Tuc		eF, eS, cE 35deg , cbM	22	35.6	-	61	32
5231		Galaxy	Peg	15	Size: 0.4 F, S, R, gbMN	22	34	+	23	21
5232			Ind		eF, eeS, bM	22	37.8	-	68	52
5233		Galaxy	Peg	15	Size: 1.1 F, vS, dif, *12.5 v close	22	36.6	+	25	46
5234			Tuc		eF, eeS, cE 165deg , cbM	22	40.2	-	65	48
5235			Tuc		eeF, bM	22	41.4	-	66	34
5236			Tuc		eF, eeS, cE 60deg , bM	22	41.5	-	66	36
5237		Galaxy	PsA		Size: 4.0 eeF, eS, eE, *8 np; = 7361	22	42.3	-	30	3
5238			Tuc		F, vS, vIE	22	41.5	-	60	45
5239		Galaxy	Gru		Size: 1.6 vF, pS, R	22	31.1	-	38	2
5240	ESO 290-G002	Galaxy	Gru	12	Size: 3.2 pF, pL, R, F* sf	22	41.9	-	44	48
5241		Galaxy	Aqr	15	Size: 1.0 pB, cS, R, gbM, r	22	41.5	+	2	38
5242		Galaxy	Peg	15	Size: 1.0 F, S, R, gbM, *13 nf	22	41.2	+	23	24
5243		Galaxy	Peg		Size: 0.7 F, cS, iF, dif	22	41.4	+	23	23
5244		Galaxy	Tuc		Size: 3.3 eF, pS, eE 0deg , stell N	22	44.2	-	64	3
5245			Tuc		eF, eS, R, F* np 0'.5	22	45.1	-	65	20
5246			Tuc		eF, eS	22	46.6	-	64	54
5247			Tuc		vF, vS, mE 125deg , mbM	22	46.9	-	65	17
5248			Aqr		susp (13.5 mag)	22	44.7	-	0	21
5249		Galaxy	Tuc		Size: 3.7 eF, vS, eE 15deg , vlbM	22	47.1	-	64	50
5250		Galaxy	Tuc		Size: 3.8 cB, S, R, F* f 0'.5	22	47.3	-	65	3
5251		Star	Peg		eF	22	45.1	+	11	9
5252		Galaxy	Ind		Size: 1.2 F, S, R, cbM	22	48.1	-	68	54
5253		Galaxy	Peg	15	Size: 1.0 F, S, E ns, *13.5 nr	22	45.4	+	21	49
5254			Peg		F, vS, R, r, *14 att sf, 7375 f	22	46	+	21	7
5255			Lac		F, S, R, gbM	22	45.8	+	36	14
5256		Galaxy	Ind		Size: 1.1 vF, vS, cE 25deg , cbM	22	49.8	-	68	42
5257			Ind		eF, eeS, stell N	22	52.3	-	67	26
5258		Galaxy	Peg	14	Size: 0.4 F, vS, R, mbM, r	22	51.5	+	23	2
5259			Lac		neb; D *9.5 f 2'	22	52.8	+	36	43
5260		Galaxy	Gru		Size: 1.5 eeF, pS, R, *9 sp, v diffic;	22	54.3	-	39	19
5261		Galaxy	Aqr		Size: 1.7 eeF, pL, R, v diffic, *9 p 22	22	54.4	-	20	22
5262			PsA		eeF, pS, R, v diffic	22	55.2	-	33	50
5263		Galaxy	Ind		Size: 1.2 cF, S, R, * in neb	22	58.2	-	69	3
5264		Galaxy	Gru		Size: 2.7 vF, S, vmE, sp of 2	22	56.9	-	36	33
5265		Galaxy	Gru		Size: 6.0 B, cL, R, bet 2 st pf, nf of	22	57.2	-	36	28
5266		Galaxy	Tuc		Size: 1.5 eF, vS, eE, stell N	22	58.3	-	65	8
5267	ESO 290-G026	Galaxy	Gru	10.5	Size: 5.0 pB, S, R, mbM	22	57.2	-	43	24
5268			Lac		B, S	22	56.2	+	36	36
5269	ESO 406-32	Galaxy	PsA	13	Size: 2.5 vF, pS, R, np of 2	22	57.7	-	36	2
5270		Galaxy	PsA		Size: 3.2 vF, pS, mE, sf of 2	22	57.9	-	35	51
5271	ESO 406-34	Galaxy	PsA	13	pF, pS, mE 145deg , cbM	22	58	-	33	45
5272			Tuc		eF, vS, R	22	59.6	-	65	11
5273	ESO 346-G022	Galaxy	Gru	11.5	Size: 2.9 vF, vS, cL, IE, 4 st p	22	59.5	-	37	42
5274		Galaxy	Peg	15	Size: 1.1 F, cS, R, gbMN	22	58.5	+	18	55
5275			Peg		pF, vS, dif	22	58.6	+	18	52
5276		Galaxy	Peg	15	F, S, E 135deg , gbM, r, bet 2 F st	22	58.7	+	18	49
5277			Tuc		vF, S, R, almost a *; susp	23	1.9	-	65	12
5278			Aqr		eF (not verified)	23	0.6	-	8	8
5279		Galaxy	Ind		Size: 1.8 vF, vS, cE 40deg , stell N	23	3	-	69	13
5280		Galaxy	Tuc		Size: 1.7 eF, vS, eE 5deg , stell N, be	23	3.8	-	65	13
5281			Peg		eF, stell, *13 sff 2'.5	23	2.4	+	27	2
5282		Galaxy	Peg	15	Size: 1.5 F, cS, iF, vlbM	23	2.7	+	21	53
5283		Galaxy	Peg	13.8	Size: 0.9 F, S, R, 7469 p 2s , 1' s	23	3.3	+	8	54
5284		Galaxy	Peg		Size: 1.3 F, cS, R, N	23	6.8	+	19	7
5285		Galaxy	Peg		Size: 1.9 F, vS, R, *9.4 s 1'.5	23	6.9	+	22	56
5286			Ind		eeF, eS, mE 130deg , 2 st s, susp	23	9.8	-	68	16
5287		Galaxy	Psc	15	Size: 1.1 F, vS, R, vlbM	23	9.4	+	0	45
5288		Galaxy	Ind		Size: 1.8 eF, eS, alm *, susp	23	11.7	-	68	6
5289			Sci		S Cl, st eF, in neb	23	10.9	-	32	33
5290		Galaxy	Aqr		Size: 1.8 vF, S, stell N	23	12.9	-	23	28

IC Objects

ObjectNum	Name	Type	Constellation	Magnitude	Info	RAHour	RAMinute	DecSign	DecDeg	DecMinute
5291		Galaxy	Peg	16	F, vS, R, N, stell	23	13.7	+	9	13
5292		Galaxy	Peg	15	vF, S, sbM	23	13.8	+	13	41
5293		Galaxy	Peg	16	F, S, like D* in neb	23	14.7	+	25	8
5294		Galaxy	Gru		Size: 3.2 pB, pS, R, *8 p; = 7552	23	16.2	-	42	35
5295		Galaxy	Peg	16	F, vS, R, N	23	15.5	+	25	7
5296		Galaxy	Peg	15	Size: 1.0 F, S, R, *15 att	23	15.7	+	25	6
5297		Galaxy	Peg	16	F, S, R, N	23	16	+	25	1
5298		Galaxy	Peg	15	Size: 0.6 vF, vS, dif	23	16.1	+	25	33
5299			Peg		F, eS, *13 close s	23	16.3	+	20	51
5300		Galaxy	Peg	16	F, S, R, neb *15	23	16.6	+	20	49
5301			Ind		eeF, eS, vF, * f 1', susp	23	18.8	-	69	34
5302		Galaxy	Tuc		Size: 1.3 vF, vS, 2 st nr, susp	23	19.6	-	64	34
5303		Double Star	Psc		vF, S, sbM (D* in M?)	23	17.9	+	0	16
5304			Aqr		eF, S, R, 3 or 4 F st sp	23	18.2	-	10	18
5305		Galaxy	Peg	15	Size: 0.4 pF, vS, 7594 nr	23	18	+	10	16
5306			Peg		vF, S	23	18.1	+	10	15
5307		Galaxy	Peg	16	Size: 0.6 vF, vS	23	18.2	+	10	13
5308		Galaxy	Gru	12	Size: 4.9 eeF, S, cE, f 7599	23	19.3	-	42	16
5309			Psc		F, S, fan-shaped, * att s	23	19.2	+	7	59
5310			Aqr		eF, eS, alm stell, *9.5 n 5'	23	20.8	-	22	9
5311		Star	Peg		eF, susp, 2'5 nff 7625	23	20.6	+	17	16
5312			Peg		F, S, R, gbM, r	23	21	+	19	19
5313		Galaxy	Gru		Size: 2.5 eeF, pL, R, *10 sp; = 7632	23	22	-	42	29
5314		Galaxy	Peg	15	Size: 0.5 F, S, R, gbM, r	23	21.1	+	19	17
5315		Galaxy	Peg	15	Size: 1.0 F, vS, like neb D* 15	23	21.3	+	25	22
5316			Peg		vF, vS, R, N, stell	23	21.9	+	21	13
5317		Galaxy	Peg	15	F, S, R, gbMN, r	23	23.4	+	21	9
5318		Galaxy	Aqr	14	Size: 0.9 vF, vS, *9.5 p 1s	23	24	-	11	53
5319			Peg		eF, eS, *9.5 f, 7651 nr	23	24.8	+	14	0
5320			Ind		bM, mag 14	23	27.4	-	67	45
5321		Galaxy	Aqr	14	Size: 1.0 eF, vS, R, *10 np 1'	23	26.3	-	17	58
5322			Tuc		bM, mag 14	23	27.5	-	67	45
5323		Galaxy	Tuc		Size: 1.6 F, S, bM	23	27.6	-	67	49
5324		Galaxy	Tuc		Size: 1.3 F, S, bM	23	28.3	-	67	49
5325	ESO 347-GO18	Galaxy	Phe	12	Size: 2.5 F, S, R, gbM, * sp 1'	23	28.7	-	41	19
5326		Galaxy	Scl	14	Size: 0.8 eeF, S, mE, *8 p	23	29.5	-	28	48
5327			Aqr		pF, pS, *11 f 1'	23	30.3	-	13	35
5328	ESO 291-GO29	Galaxy	Phe	12	Size: 2.5 vF, S, R, bet 2 st	23	33.2	-	45	2
5329		Galaxy	Peg	16	Size: 1.8 vF, S, E 250deg	23	33.3	+	21	14
5330			Psc		vF, S, bM, others nr	23	33.5	-	2	52
5331		Galaxy	Peg	15	Size: 1.1 F, S, fan, gbM	23	33.5	+	21	8
5332	ESO 408- 9	Galaxy	Scl	10.6	Size: 6.6 eeF, vL, bet 2 st, D* p 45s	23	34.5	-	36	6
5333		Galaxy	Tuc		Size: 1.5 cB, S, dif, susp; = 7697	23	34.9	-	65	24
5334		Galaxy	Aqr	14	Size: 1.5 neb *10.5 (close D*?)	23	34.7	-	4	31
5335		Galaxy	Tuc		Size: 1.3 F, S, susp	23	35.8	-	67	24
5336			Peg		F, S, E ns, vlbM	23	36.3	+	21	5
5337		Galaxy	Peg		Size: 0.9 F, S, R, gbMN	23	36.4	+	21	9
5338	UGC 12703	Galaxy	Peg	13.8	Size: 1.1 F, S, IE ns, gbMN	23	36.5	+	21	9
5339		Galaxy	Tuc		Size: 1.2 bM	23	38.1	-	68	27
5340			Aqr		eF, *13 n 1'5	23	38.6	-	4	52
5341		Galaxy	Peg		eF, eS, 7720 nr	23	38.4	+	26	59
5342		Galaxy	Peg		Size: 0.4 eF, eS, others nr	23	38.6	+	27	1
5343		Galaxy	Aqr	14	Size: 0.6 eF, pS, *7.5 sf 19s	23	39.4	-	22	31
5344			Aqr		vF, L, others nr	23	39.3	-	4	58
5345		Galaxy	Aqr	14	Size: 0.5 vF, vS, R, 6' n of IC 5343	23	39.6	-	22	25
5346		Galaxy	Peg	16	F, cS, R, gvlbM	23	41	+	24	57
5347		Galaxy	Peg	16	vF, vS, R, sbM *15	23	41.5	+	24	53
5348		Galaxy	Phe		Size: 1.9 eF, eS, R; = 7744	23	45	-	42	55
5349		Galaxy	Scl	15	Size: 0.6 vF, vS, vmE 200deg ; neb D*?	23	46.3	-	28	0
5350		Galaxy	Scl	15	Size: 0.3 eeF, eS, R, *9 nr f	23	47.2	-	27	58
5351			Psc		cF, vS, bM, *10 sf 5" +/-	23	47.3	-	2	18
5352			Psc		pF, pS, gbM	23	47.4	-	2	16
5353		Galaxy	Scl		Size: 1.6 eF, S, R, *6 f	23	47.5	-	28	7
5354			Scl		eeF, S, R	23	47.5	-	28	8
5355		Galaxy	And	14	Size: 1.1 F, pL, E ns, gbM	23	47.2	+	32	48
5356		Galaxy	Psc	15	Size: 0.3 pF, R, mbM	23	47.5	-	2	19
5357			Psc		pB, R, mbM	23	47.4	-	2	18
5358		Galaxy	Scl		Size: 2.6 eF, pS, biN 20"	23	47.7	-	28	8
5359		Galaxy	Psc	15	Size: 1.0 F, pS, gbM, *9.5 p 2'	23	47.7	-	2	17
5360			Scl		eeF, cS, R	23	47.9	-	37	4
5361		Galaxy	Aqr	14	Size: 0.4 vF, vS, bM, stellar	23	51.4	-	13	23
5362		Galaxy	Scl		Size: 1.5 eeF, pS, *8 sf	23	51.6	-	28	22
5363			Scl		vF, eS, R, 3 st in line p	23	52.2	-	28	38
5364			Scl		vF, pS, R, *8 sf	23	56.2	-	29	4
5365			Scl		pB, cS, vmE, * sf	23	57.6	-	37	1
5366		?	Cas		eL, mE (30' by 10')	23	57.7	+	52	47
5367			Peg		F, IE 120deg , gbMN, r	23	58.7	+	22	26
5368			Psc		eF, vS, lbM, 3' p or f from omega Psc	23	59.3	+	6	52
5369			And		F, S, R, N	23	59.8	+	32	41
5370		Galaxy	And	15	Size: 0.7 pB, S, R, stell N	0	0.1	+	32	45
5371			And		F, vS, *15 att	0	0.2	+	32	49
5372		Galaxy	And	15	Size: 0.7 F, vS, R, N	0	0.4	+	32	47
5373		Galaxy	And	15	Size: 0.7 pB, S, R, stell N	0	0.4	+	32	47
5374			Psc		F, S, E ns, gbM, r	0	1.1	+	4	30

[illegible]

IC Objects

[illegible]

IC Objects

[illegible]

IC Objects

[illegible]

IC Objects

[illegible]

IC Objects

[illegible]

IC Objects

[illegible]

IC Objects

[illegible]

IC Objects

[illegible]

IC Objects

[illegible]

IC Objects

IC Objects

[illegible]

IC Objects

[illegible]

IC Objects

[illegible]

IC Objects

[illegible]

IC Objects

[illegible]

IC Objects

[illegible]

IC Objects

[illegible]

IC Objects

[illegible]

IC Objects

[illegible]

IC Objects

[illegible]

IC Objects

[illegible]

IC Objects

[illegible]

IC Objects

[illegible]

IC Objects

[illegible]

IC Objects

[illegible]

IC Objects

[illegible]

IC Objects

[illegible]

IC Objects

[illegible]

IC Objects

[illegible]