

## Herschel I - 400 List

#	NGC	RA	Dec	Type	Constellation	Mag.	Date	Time	Site	Inst.	Power	Seeing	Observations		
1	205	0	37.6	41	25	GX	Andromeda	9.4	3/19/06	20:34	W.R.O.	8_Dobson	49x	Good	pB,mL,OvalFNuc,HISB,R=G
2	404	1	6.6	35	27	GX	Andromeda	10.7	10/6/04	10:30	W.R.O.	8_Dobson	163x	VG	VB,EI,Oval,Fnuc,R=G
3	752	1	54.7	37	25	OC	Andromeda	7.0	10/6/04	10:30	W.R.O.	8_Dobson	163x	VG	EB,R,UB,R=G
4	891	2	19.3	42	7	GX	Andromeda	11.5	10/6/04	10:30	W.R.O.	8_Dobson	110x	VG	MB,EI,Eon,NND,R=G
5	7662	23	23.5	42	14	PN	Andromeda	9.0	11/21/06	21:17	W.R.O.	8_Dobson	110x	V.G	vB,pS,Oval, No Central Star,R=G
6	7686	23	27.8	48	51	OC	Andromeda	8.0	10/6/04	10:30	W.R.O.	8_Dobson	110x	VG	EB,Oval,HISB,R=G
7	7009	21	1.4	-11	34	PN	Aquarius	8.4	9/27/05	9:30	W.R.O.	31_Equat.	324x	Exc.	vB,vL,Oval,HISB,R=G!!
8	7606	23	16.5	-8	46	GX	Aquarius	11.5	10/6/04	10:30	W.R.O.	8_Dobson	110x	VG	MB,EI,Eon,NND,R=G
9	7723	23	36.4	-13	14	GX	Aquarius	11.1	10/6/04	10:30	W.R.O.	8_Dobson	110x	VG	MB,Oval,NND,R=G
10	7727	23	37.3	-12	34	GX	Aquarius	10.7	10/6/04	10:30	W.R.O.	8_Dobson	110x	VG	MB,Oval,Fnuc,R=G
11	6755	19	5.3	4	9	OC	Aquila	9.0	7/8/04	23:30	W.R.O.	8_Dobson	98x	Gd. - Exc	Dim - Looks like P.N. in 8"
12	6756	19	6.2	4	35	OC	Aquila	10.7	7/8/04	23:30	W.R.O.	8_Dobson	98x	Gd. - Exc	Dim - Looks like P.N. in 8"
13	6781	19	16	6	26	PN	Aquila	11.0	10/6/04	10:30	W.R.O.	8_Dobson	110x	VG	MB,Oval,HISB,R=G
14	772	1	56.6	18	46	GX	Aries	10.9	12/4/04	9:30	W.R.O.	8_Dobson	110x	Fair	mB,EI,Oval,NND,MSB,R=G
15	1664	4	47.4	43	37	OC	Auriga	7.5	1/26/06	9:30	W.R.O.	8_Dobson	64x	F>G	R=F,Not Too Bad
16	1857	5	16.6	39	18	OC	Auriga	8.5	1/26/06	9:30	W.R.O.	8_Dobson	64x	F>G	R=P, Few Stars
17	1907	5	24.7	35	17	OC	Auriga	9.9	1/26/06	9:30	W.R.O.	8_Dobson	64x	F>G	R=G, Small, Tight, Bright
18	1931	5	28.1	34	13	EN	Auriga	9.5	11/3/04	9:30	W.R.O.	8_Dobson	163x	Good	Nice Cluster
19	2126	5	58.1	49	55	OC	Auriga	10.0	1/26/06	9:30	W.R.O.	8_Dobson	64x	F>G	R=F, Small, Loose , Group
20	2281	6	45.8	41	7	OC	Auriga	6.9	11/9/06	22:16	Home	8_Dobson	64X	Fair	F,pS,R=F
21	5248	13	35.1	9	8	GX	Bootes	11.3	5/4/05	21:45	W.R.O.	8_Dobson	110x	Good	mB,mL,Oval,Fnuc,R=G
22	5466	14	3.2	28	46	GC	Bootes	8.5	5/4/05	21:45	W.R.O.	8_Dobson	110x	Good	vF,R,R=F
23	5557	14	16.4	36	43	GX	Bootes	11.6	3/29/06	21:38	W.R.O.	8_Dobson	110x	Good	F,S,R,Fnuc,R=F
24	5676	14	31	49	41	GX	Bootes	11.2	4/26/06	22:57	W.R.O.	8_Dobson	110x	Exc	F,L,EI,Oval,NND,R=F
25	5689	14	33.7	48	57	GX	Bootes	11.4	5/4/05	21:45	W.R.O.	8_Dobson	110x	Good	mB,mL,EI,Fnuc,R=G
26	1501	4	2.6	60	47	PN	Camelopardalis	13.3	10/6/04	10:30	W.R.O.	8_Dobson	110x	VG	MB,Oval,HISB,R=G
27	1502	4	3	62	11	OC	Camelopardalis	5.3	10/6/04	10:30	W.R.O.	8_Dobson	110x	VG	Oval,HISB,R=E
28	1961	5	36.8	69	24	GX	Camelopardalis	11.7	11/3/04	9:30	W.R.O.	8_Dobson	110x	Good	vF,EI,Oval,NND,AV,R=F
29	2403	7	36.8	65	37	GX	Camelopardalis	9.5	10/6/04	10:30	W.R.O.	8_Dobson	110x	VG	MB,EI,Oval,NND,R=G
30	2655	8	49.4	78	25	GX	Camelopardalis	10.7	10/6/04	10:30	W.R.O.	8_Dobson	163x	VG	MB,EI,Eon,Fnuc,R=G
31	2775	9	7.7	7	15	GX	Cancer	10.7	3/15/05	9:00	W.R.O.	8_Dobson	110x	Fair	mB,mL,Oval,Patch,NND,R=G
32	4111	12	4.5	43	21	GX	Canes Venatici	9.7	4/13/05	22:00	W.R.O.	8_Dobson	110x	Fair	vB,mL,Eon,Fnuc,mSB,R=G
33	4143	12	7.1	42	49	GX	Canes Venatici	11.0	3/29/06	20:42	W.R.O.	8_Dobson	64x	Good	Diff,F,L,Oval,NND,R=F
34	4151	12	8	39	41	GX	Canes Venatici	11.6	3/29/06	20:48	W.R.O.	8_Dobson	110x	Good	F,S,Oval,NND,R=F
35	4214	12	30.1	36	36	GX	Canes Venatici	10.3	3/29/06	20:50	W.R.O.	8_Dobson	110x	Good	F,pS,R,NND,R=F
36	4258	12	16.5	47	35	GX	Canes Venatici	8.6	3/26/06	21:17	W.R.O.	8_Dobson	64x	Good	mB,mL,Oval,Fnuc,mSB,,R=F
37	4346	12	21	47	16	GX	Canes Venatici	11.6	3/29/06	20:52	W.R.O.	8_Dobson	110x	Good	F,S,Eon,Fnuc,R=F
38	4449	12	25.8	44	22	GX	Canes Venatici	9.2	3/13/07	2245	W.R.O.	8_Dobson	110x	Fair	pB,pL,Oval,Fnuc,MHISB,R=G
39	4485	12	28.2	41	58	GX	Canes Venatici	11.6	3/29/06	20:54	W.R.O.	8_Dobson	110x	Good	pF,pS,R,NND,R=F
40	4490	12	28.3	41	55	GX	Canes Venatici	9.7	3/29/06	20:54	W.R.O.	8_Dobson	110x	Good	F,S,Oval,Fnuc,R=F
41	4618	12	39.2	41	25	GX	Canes Venatici	11.7	3/29/06	20:58	W.R.O.	8_Dobson	110x	Good	pF,pS,Oval,NND,AV,R=F
42	4631	12	39.8	32	49	GX	Canes Venatici	9.3	5/4/05	21:45	W.R.O.	8_Dobson	64x	Good	mB,mL,EI,Eon,Fnuc,R=G
43	4656	12	41.6	32	26	GX	Canes Venatici	11.2	5/4/05	21:45	W.R.O.	8_Dobson	110x	Good	vF,mL,EI,Eon,NND,R=F

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#	NGC	RA	Dec	Type	Constellation	Mag.	Date	Time	Site	Inst.	Power	Seeing	Observations
44	4800	12 52.4	46 48	GX	Canes Venatici	11.1	3/29/06	20:59	W.R.O.	8_Dobson	110x	Good	pF,pS,R,NND,R=F
45	5005	13 8.5	37 19	GX	Canes Venatici	9.8	4/26/06	22:58	W.R.O.	8_Dobson	110x	Exc	pB,pL,Eon,Bnuc,R=G
46	5033	13 11.2	36 51	GX	Canes Venatici	10.3	4/26/06	23:01	W.R.O.	8_Dobson	110x	Exc	B,L,Eon,ND,R=F
47	5195	13 27.9	47 31	GX	Canes Venatici	8.4	4/26/06	23:04	W.R.O.	8_Dobson	110x	Exc	pB,L,Oval,Fnuc,MSB,R=G
48	5273	13 39.9	35 55	GX	Canes Venatici	11.5	3/29/06	21:02	W.R.O.	8_Dobson	110x	Good	pF,pS,R,NND,AV,R=F
49	2204	6 13.5	-18 35	OC	Canis Major	9.1	2/10/05	9:00	W.R.O.	8_Dobson	110x	Good	Diffused,mL,R,R=G
50	2354	7 12.2	-25 38	OC	Canis Major	9.0	3/13/07	20:35	W.R.O.	8_Dobson	110x	Fair	pB,S,R=F,resolve 12+ stars
51	2360	7 15.4	-15 33	OC	Canis Major	9.4	3/13/07	20:37	W.R.O.	8_Dobson	64x	Fair	F,S,R=F,resolve 7+ stars
52	2362	7 16.6	-24 52	OC	Canis Major	10.5	2/10/05	9:00	W.R.O.	8_Dobson	110x	Good	vB,mL,R,R=G
53	129	0 27	59 57	OC	Cassiopeia	10.0	10/6/04	10:30	W.R.O.	8_Dobson	163x	VG	Oval,R=G
54	136	0 28.7	61 15	OC	Cassiopeia	11.3	11/3/04	9:30	W.R.O.	8_Dobson	110x	Good	
55	185	0 36.1	48 4	GX	Cassiopeia	11.7	7/23/06	23:54	W.R.O.	8_Dobson	110x	G>VG	vF,pL,Oval,NND,AV,R=F
56	225	0 40.5	61 31	OC	Cassiopeia	9.1	9/15/04	22:00	W.R.O.	8_Dobson	110x	Fair	Light Clouds In & Out
57	278	0 49.2	47 18	GX	Cassiopeia	11.3	7/23/06	23:57	W.R.O.	8_Dobson	110x	G>VG	pF,cS,R,NND,R=F
58	381	1 5.2	61 18	OC	Cassiopeia	9.2	9/15/04	22:00	W.R.O.	8_Dobson	110x	Fair	Light Clouds In & Out
59	436	1 12.4	58 33	OC	Cassiopeia	8.8	9/19/04	22:30	W.R.O.	8_Dobson	163x	Good	Typical Cluster
60	457	1 15.9	58 4	OC	Cassiopeia	7.5	7/23/06	23:58	W.R.O.	8_Dobson	163x	G>VG	cB,pL,R=G,Extended Group
61	559	1 26.1	63 2	OC	Cassiopeia	7.5	10/6/04	10:30	W.R.O.	8_Dobson	163x	VG	HISB,R=F
62	637	1 38.3	63 47	OC	Cassiopeia	7.5	10/6/04	10:30	W.R.O.	8_Dobson	163x	VG	R=F, Not Many Stars
63	654	1 40.5	61 39	OC	Cassiopeia	9.1	9/15/04	22:00	W.R.O.	8_Dobson	110x	Fair	Fewer Stars
64	659	1 40.8	60 28	OC	Cassiopeia	9.8	9/15/04	22:00	W.R.O.	8_Dobson	110x	Fair	Smallest Of Three In Group
65	663	1 42.6	61 1	OC	Cassiopeia	7.1	9/15/04	22:00	W.R.O.	8_Dobson	110x	Fair	Nice - Lots of Stars
66	1027	2 38.8	61 20	OC	Cassiopeia	7.5	10/6/04	10:30	W.R.O.	8_Dobson	163x	VG	R=F, Scattered Stars
67	7789	23 54.5	56 26	OC	Cassiopeia	9.6	7/24/06	0:02	W.R.O.	8_Dobson	110x	G>VG	pB,pL,R=G
68	7790	23 54.5	60 56	OC	Cassiopeia	7.1	9/15/04	22:00	W.R.O.	8_Dobson	110x	Fair	Light Clouds In & Out
69	40	0 10.2	72 15	PN	Cepheus	10.2	10/6/04	10:30	W.R.O.	8_Dobson	163x	VG	MB,R,R=G
70	6939	20 30.4	60 28	OC	Cepheus	10.0	10/6/04	10:30	W.R.O.	8_Dobson	163x	VG	MF,R=F
71	6946	20 33.9	59 58	GX	Cepheus	10.5	11/3/04	9:30	W.R.O.	8_Dobson	110x	Good	mB,Oval,NND,mSB,R=G
72	7142	21 44.7	65 34	OC	Cepheus	10.4	11/3/04	9:30	W.R.O.	8_Dobson	110x	Good	
73	7160	21 52.3	62 22	OC	Cepheus	6.6	7/24/06	0:04	W.R.O.	8_Dobson	110x	G>VG	pB,S,R=F
74	7380	22 44.9	57 49	OC	Cepheus	8.8	7/24/06	0:05	W.R.O.	8_Dobson	110x	G>VG	pB,cS,R=F
75	7510	23 9.2	60 18	OC	Cepheus	8.8	3/4/06	8:00	W.R.O.	8_Dobson	64x	Exc.	B,S,R=G
76	157	0 32.3	-8 40	GX	Cetus	11.2	11/3/04	9:30	W.R.O.	8_Dobson	110x	Good	mB,El,NND,mSB,R=G
77	246	0 44.6	-12 9	PN	Cetus	8.5	11/22/06	00:10	W.R.O.	8_Dobson	110x	V.G	F,pS,Faint,ExtendedTail,R=G
78	247	0 44.6	-21 1	GX	Cetus	11.0	11/21/06	20:20	W.R.O.	8_Dobson	110x	V.G	F,L,R,R=G
79	584	1 28.8	-7 7	GX	Cetus	10.8	11/21/06	20:24	W.R.O.	8_Dobson	64x	V.G	F,L,Eon,NND,R=F
80	596	1 30.3	-7 17	GX	Cetus	11.5	11/21/06	20:30	W.R.O.	8_Dobson	110x	V.G	F,pS,Oval,Fnuc,R=G
81	615	1 32.6	-7 35	GX	Cetus	11.6	11/21/06	20:35	W.R.O.	8_Dobson	110x	V.G	vF,vS,Oval,NND,R=F
82	720	1 50.6	-13 59	GX	Cetus	10.5	11/21/06	20:37	W.R.O.	8_Dobson	110x	V.G	B,pS,Oval,NND,R=F
83	779	1 57.2	-6 12	GX	Cetus	11.3	11/21/06	20:39	W.R.O.	8_Dobson	110x	V.G	F,L,Eon,NND,R=F
84	908	2 20.8	-21 27	GX	Cetus	11.0	11/21/06	20:41	W.R.O.	8_Dobson	110x	V.G	pF,L,Oval,NND,R=F
85	936	2 25.1	-1 22	GX	Cetus	10.7	11/21/06	20:44	W.R.O.	8_Dobson	110x	V.G	B,Loval,NND,R=F
86	1022	2 36.1	-6 53	GX	Cetus	11.2	11/21/06	20:47	W.R.O.	8_Dobson	110x	V.G	pF,L,Oval,NND,R=F

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#	NGC	RA	Dec	Type	Constellation	Mag.	Date	Time	Site	Inst.	Power	Seeing	Observations		
87	1052	2	38.6	-8	28	GX	Cetus	11.2	11/21/06	20:49	W.R.O.	8_Dobson	110x	V.G	B,L,R,Fnuc,R=G
88	1055	2	39.2	0	16	GX	Cetus	11.5	11/21/06	20:53	W.R.O.	8_Dobson	110x	V.G	pF,S,Oval,NND,R=F
89	4147	12	7.6	18	49	GC	Coma Berenices	9.4	3/29/06	22:25	W.R.O.	8_Dobson	110x	Good	F,S,R,NND,R=F Class IX
90	4150	12	8	30	41	GX	Coma Berenices	11.6	3/29/06	21:35	W.R.O.	8_Dobson	110x	Good	B,L,R,Fnuc,R=F
91	4203	12	12.5	33	29	GX	Coma Berenices	11.0	5/17/05	23:00	W.R.O.	31_Equat.	501x	F. to P.	mB,ml,R,Fnuc,mHS,R=G
92	4245	12	15.2	29	53	GX	Coma Berenices	11.1	5/17/05	23:00	W.R.O.	31_Equat.	501x	F. to P.	mF,vS,R,NND,R=F
93	4251	12	15.7	28	27	GX	Coma Berenices	10.2	5/17/05	23:00	W.R.O.	31_Equat.	501x	F. to P.	mB,mL,El,Eon,Fnuc,mSB,R=G
94	4274	12	17.4	29	53	GX	Coma Berenices	10.8	5/17/05	23:00	W.R.O.	31_Equat.	501x	F. to P.	pF,pS,Oval,NND,R=F
95	4278	12	17.7	29	34	GX	Coma Berenices	10.3	4/13/05	22:00	W.R.O.	8_Dobson	110x	Fair	vB,mL,Eon,Fnuc,mSB,R=G
96	4293	12	18.7	18	40	GX	Coma Berenices	11.5	4/26/06	22:45	W.R.O.	8_Dobson	110x	Exc	pB,L,Eon,UB,R=F
97	4314	12	20	30	10	GX	Coma Berenices	10.8	5/17/05	23:00	W.R.O.	31_Equat.	501x	F. to P.	pB,pS,Oval,Fnuc,mSB,R=G
98	4350	12	21.4	16	58	GX	Coma Berenices	11.0	5/17/05	23:00	W.R.O.	31_Equat.	501x	F. to P.	mB,pS,El,Oval,Fnuc,mSB,R=G
99	4394	12	23.4	18	29	GX	Coma Berenices	11.2	4/26/06	22:45	W.R.O.	8_Dobson	110x	Exc	pF,pS,R,NND,R=F
100	4414	12	24	31	30	GX	Coma Berenices	9.7	5/17/05	23:00	W.R.O.	31_Equat.	501x	F. to P.	pb,pL,Oval,Fnuc,mSB,R=G
101	4419	12	24.4	15	19	GX	Coma Berenices	11.4	5/17/05	23:00	W.R.O.	31_Equat.	501x	F. to P.	mB,mL,El,Eon,Fnuc,mSB,R=G
102	4448	12	25.8	28	54	GX	Coma Berenices	11.4	5/17/05	23:00	W.R.O.	31_Equat.	290x	F. to P.	vF,pS,El,NND,R=G
103	4450	12	25.9	17	21	GX	Coma Berenices	10.0	5/17/05	23:00	W.R.O.	31_Equat.	501x	F. to P.	mF,mS,Oval,NND,R=F
104	4459	12	26.5	14	15	GX	Coma Berenices	10.9	4/26/06	22:47	W.R.O.	8_Dobson	110x	Exc	pF,pS,Oval,NND,R=F
105	4473	12	27.3	13	42	GX	Coma Berenices	10.1	4/26/06	23:04	W.R.O.	8_Dobson	110x	Exc	pB,cS,Oval,Fnuc,R=G
106	4477	12	27.6	13	55	GX	Coma Berenices	10.7	4/26/06	22:48	W.R.O.	8_Dobson	110x	Exc	vF,vS,Oval,NND,R=F
107	4494	12	28.9	26	3	GX	Coma Berenices	9.6	4/26/06	22:48	W.R.O.	8_Dobson	110x	Exc	fB,fL,Oval,Fnuc,R=F
108	4548	12	32.9	14	46	GX	Coma Berenices	10.8	4/26/06	22:52	W.R.O.	8_Dobson	110x	Exc	B,L,Eon,NND,R=F
109	4559	12	33.5	28	14	GX	Coma Berenices	10.6	4/13/05	22:00	W.R.O.	8_Dobson	163x	Fair	mB,mL,El,Fnuc,R=G
110	4565	12	33.9	26	16	GX	Coma Berenices	10.2	4/13/05	22:00	W.R.O.	8_Dobson	163x	Fair	mB,mL,El,Eon,Fnuc,R=G
111	4689	12	45.2	14	1	GX	Coma Berenices	11.5	5/4/05	21:45	W.R.O.	8_Dobson	110x	Good	mF,mL,R,NND,R=F
112	4725	12	48.1	25	46	GX	Coma Berenices	8.9	5/17/05	23:00	W.R.O.	31_Equat.	501x	F. to P.	pB,pL,Oval,Fnuc,mSB,R=G
113	4027	11	57	-18	59	GX	Corvus	11.5	3/29/06	21:44	W.R.O.	8_Dobson	110x	Good	pF,pS,R,NND,AV,R=F
114	4038	11	59.3	-18	35	GX	Corvus	11.5	4/13/05	22:00	W.R.O.	8_Dobson	163x	Fair	vF,vS,NND,AV,R=F
115	4361	12	21.9	-18	29	PN	Corvus	10.8	5/4/05	21:45	W.R.O.	8_Dobson	110x	Good	vF,vS,R,AV,R=F
116	3962	11	52.2	-13	42	GX	Crater	11.3	4/26/06	21:55	W.R.O.	8_Dobson	64x	Exc	pF,pS,Oval,NND,R=F
117	6826	19	43.4	50	24	PN	Cygnus	8.8	9/4/04	22:30	W.R.O.	8_Dobson	110x	Fair	Faint
118	6834	19	50.2	29	17	OC	Cygnus	10.3	7/23/06	21:55	W.R.O.	8_Dobson	64x	G>VG	pB,pS,R=F,loose group
119	6866	20	2.1	43	51	OC	Cygnus	9.0	7/23/06	21:58	W.R.O.	8_Dobson	64x	G>VG	pB,pS,R=F,extended group
120	6910	20	21.3	40	37	OC	Cygnus	7.5	7/23/06	22:02	W.R.O.	8_Dobson	64x	G>VG	cB,pS,R=F,brighter,tighter
121	7000	20	57	44	8	EN	Cygnus	0.0	8/2/05	10:15	W.R.O.	8_Dobson	64x	Good	pretty Large, pretty Bright, pretty Neat
122	7008	20	59.1	54	21	PN	Cygnus	13.5	8/2/05	10:15	W.R.O.	8_Dobson	64x	Good	fB,fL,R=G, Behind Star
123	7044	21	11.1	42	17	OC	Cygnus	11.3	7/23/06	22:05	W.R.O.	8_Dobson	64x	G>VG	B,S,R=F
124	7062	21	21.5	46	10	OC	Cygnus	11.6	7/23/06	22:07	W.R.O.	8_Dobson	64x	G>VG	pB,pS,R=F
125	7086	21	29.8	51	22	OC	Cygnus	9.4	7/23/06	22:09	W.R.O.	8_Dobson	64x	G>VG	pB,pS,R=F
126	7128	21	42.4	53	29	OC	Cygnus	11.2	7/23/06	22:16	W.R.O.	8_Dobson	64x	G>VG	pF,cS,R=F,smudge, no stars
127	6905	20	20.2	19	57	PN	Delphinus	12.0	8/9/05	10:30	W.R.O.	8_Dobson	110x	Good	mB,mL,Patchy,mSB,R=G
128	6934	20	31.7	7	14	GC	Delphinus	10.0	7/23/06	22:35	W.R.O.	8_Dobson	163x	G>VG	pB,cS,R,R=G
129	7006	20	59.1	16	0	GC	Delphinus	10.3	7/23/06	22:37	W.R.O.	8_Dobson	163x	G>VG	vF,cS,R,R=F

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#	NGC	RA	Dec	Type	Constellation	Mag.	Date	Time	Site	Inst.	Power	Seeing	Observations
130	3147	10 12.8	73 39	GX	Draco	10.9	7/23/06	22:42	W.R.O.	8_Dobson	110x	G>VG	pF,pS,Oval,NND,R=F
131	5866	15 5.1	55 57	GX	Draco	10.8	3/26/06	21:25	W.R.O.	8_Dobson	64x	Good	B,S,Oval,Fnuc,mSB,R=F
132	5907	15 14.6	56 31	GX	Draco	11.3	7/23/06	22:44	W.R.O.	8_Dobson	110x	G>VG	pF,pS,Eon,vfNuc,R=F
133	5982	15 37.6	59 32	GX	Draco	10.9	4/13/05	22:00	W.R.O.	8_Dobson	110x	Fair	vF,vS,Oval,NND,R=F
134	6543	17 58.8	66 38	PN	Draco	8.8	4/13/05	22:00	W.R.O.	8_Dobson	110x	Fair	vB,vS,R,R=G
135	1084	2 43.5	-7 47	GX	Eridanus	11.0	1/26/06	8:30	W.R.O.	8_Dobson	110x	F>G	mB,mL,Oval,NND,R=F
136	1407	3 37.9	-18 44	GX	Eridanus	10.6	11/21/06	20:55	W.R.O.	8_Dobson	110x	V.G	pF,L,R,NND,R=G
137	1535	4 12.1	-12 52	PN	Eridanus	9.3	11/21/06	20:57	W.R.O.	8_Dobson	110x	V.G	B,pS,R, No Central Star,R=F
138	2129	5 58.1	23 18	OC	Gemini	7.2	12/15/04	9:30	W.R.O.	8_Dobson	110x	Good	R, R=G
139	2158	6 4.3	24 6	OC	Gemini	11.0	12/4/04	9:30	W.R.O.	8_Dobson	110x	Fair	Oval,R=F
140	2266	6 40.5	27 2	OC	Gemini	9.8	3/4/06	8:00	W.R.O.	8_Dobson	64x	Exc.	mB,S,R=F
141	2304	6 52.3	18 5	OC	Gemini	10.1	3/4/06	8:00	W.R.O.	8_Dobson	64x	Exc.	F,S,R=F
142	2355	7 14.2	13 52	OC	Gemini	9.5	3/4/06	8:00	W.R.O.	8_Dobson	64x	Exc.	B,S,R=F
143	2371	7 22.4	29 35	PN	Gemini	11.0	12/4/04	9:30	W.R.O.	8_Dobson	163x	Fair	mF,Oval,R=G
144	2372	7 22.4	29 35	PN	Gemini	11.0	11/21/06	23:58	W.R.O.	8_Dobson	110x	V.G	B,S,Oval,R=F
145	2392	7 26.2	21 1	PN	Gemini	9.5	12/4/04	9:30	W.R.O.	8_Dobson	163x	Fair	vB,R,HISB,R=E!!!
146	2395	7 24.3	13 41	OC	Gemini	9.4	3/4/06	8:00	W.R.O.	8_Dobson	64x	Exc.	F,S,R=F
147	2420	7 35.4	21 41	OC	Gemini	10.2	3/4/06	8:00	W.R.O.	8_Dobson	64x	Exc.	mL,pB,R=G
148	6207	16 41.3	36 56	GX	Hercules	11.3	9/12/04	22:00	W.R.O.	8_Dobson	110x	VG	F,S,El, NND,AV,F
149	6229	16 45.6	47 37	GC	Hercules	8.7	6/19/04	23:30	W.R.O.	8_Dobson	48x	VG	pB,L,Round,R=G
150	2548	8 11.2	-5 38	OC	Hydra	5.3	3/19/06	22:18	W.R.O.	8_Dobson	49x	Good	F,R=F
151	2811	9 13.9	-16 6	GX	Hydra	11.7	3/29/06	20:33	W.R.O.	8_Dobson	110x	Good	pF,pS,El,Oval,NND,AV,R=F
152	3242	10 22.4	-18 23	PN	Hydra	9.0	4/8/05	23:00	W.R.O.	8_Dobson	163x	VG	vB,vL,R,R=G
153	3621	11 15.9	-32 32	GX	Hydra	10.5	3/18/07	01:35	W.R.O.	8_Dobson	110x	Good	pF,pL,Oval,NND,AV,R=F
154	5694	14 36.7	-26 19	GC	Hydra	11.0	4/13/05	22:00	W.R.O.	8_Dobson	163x	Fair	vS,vF,R,R=F
155	7209	22 3.2	46 15	OC	Lacerta	7.6	7/24/06	0:08	W.R.O.	8_Dobson	110x	G>VG	pB,pS,R=G
156	7243	22 13.2	49 38	OC	Lacerta	7.6	7/24/06	0:09	W.R.O.	8_Dobson	110x	G>VG	pB,pL,R=G
157	7296	22 26.2	52 2	OC	Lacerta	9.4	7/24/06	0:11	W.R.O.	8_Dobson	110x	G>VG	pF,cS,R=F
158	2903	9 29.3	21 44	GX	Leo	9.1	4/26/06	21:29	W.R.O.	8_Dobson	64x	Exc	pB,pL,El,Eon,Bnuc,HISB,R=G
159	2964	9 40	32 5	GX	Leo	11.0	2/10/05	9:00	W.R.O.	8_Dobson	110x	Good	mB,mL,El,Oval,Patchy,NND,mSB,R=G
160	3190	10 15.4	22 5	GX	Leo	11.3	4/5/05	23:00	W.R.O.	8_Dobson	110x	Fair/Good	mF,mL,El,Eon,Fnuc,R=G
161	3193	10 15.7	22 9	GX	Leo	11.5	4/26/06	22:00	W.R.O.	8_Dobson	110x	Exc	pF,pS,R,NND,R=F
162	3226	10 20.7	20 9	GX	Leo	11.5	4/26/06	22:05	W.R.O.	8_Dobson	110x	Exc	pF,pS,Oval,NND,R=F
163	3227	10 20.7	20 7	GX	Leo	11.4	4/26/06	22:05	W.R.O.	8_Dobson	110x	Exc	F,S,El,R,NND,R=F
164	3377	10 45.1	14 15	GX	Leo	10.5	4/26/06	22:08	W.R.O.	8_Dobson	110x	Exc	vF,pS,Oval,NND,AV,R=F
165	3379	10 45.2	12 51	GX	Leo	9.5	3/19/06	22:42	W.R.O.	8_Dobson	64x	Good	fB,cL,Oval,Bnuc,HISB,R=G
166	3384	10 45.7	12 54	GX	Leo	10.2	4/26/06	22:11	W.R.O.	8_Dobson	110x	Exc	fB,pS,Oval,UB,R=G
167	3412	10 48.3	13 41	GX	Leo	10.4	4/26/06	22:16	W.R.O.	8_Dobson	110x	Exc	fB,pS,Oval,Fnuc,MSB,R=G
168	3489	10 57.7	14 10	GX	Leo	11.5	4/26/06	22:17	W.R.O.	8_Dobson	110x	Exc	fB,fS,Oval,UB,Fnuc,R=G
169	3521	11 3.2	0 14	GX	Leo	10.5	4/26/06	22:20	W.R.O.	8_Dobson	110x	Exc	pB,pL,Oval,Bnuc,HISB,R=G
170	3593	11 12	13 6	GX	Leo	11.3	4/26/06	22:22	W.R.O.	8_Dobson	110x	Exc	F,L,Eon,NND,R=F
171	3607	11 14.3	18 20	GX	Leo	9.6	4/26/06	22:24	W.R.O.	8_Dobson	110x	Exc	pB,L,R,Bnuc,HISB,R=G
172	3608	11 14.4	18 26	GX	Leo	11.1	4/26/06	22:24	W.R.O.	8_Dobson	110x	Exc	B,cL,Oval,NND,R=F

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#	NGC	RA	Dec	Type	Constellation	Mag.	Date	Time	Site	Inst.	Power	Seeing	Observations
173	3626	11 17.5	18 38	GX	Leo	10.5	4/26/06	22:26	W.R.O.	8_Dobson	110x	Exc	B,pS,Oval,Fnuc,MSB,R=F
174	3628	11 17.7	13 53	GX	Leo	10.9	4/26/06	22:28	W.R.O.	8_Dobson	110x	Exc	pF,cL,Eon,NND,R=F
175	3640	11 18.5	3 31	GX	Leo	10.7	4/26/06	22:30	W.R.O.	8_Dobson	110x	Exc	pB,L,Oval,Fnuc,MSB,R=G
176	3655	11 20.3	16 51	GX	Leo	11.3	3/13/07	22:12	W.R.O.	8_Dobson	110x	Fair	vF,vS,R,NND,AV,R=F
177	3686	11 25.1	17 30	GX	Leo	11.4	4/26/06	22:33	W.R.O.	8_Dobson	110x	Exc	vF,pS,Oval,NND,AV,R=F
178	3810	11 38.4	11 45	GX	Leo	10.8	4/26/06	22:35	W.R.O.	8_Dobson	110x	Exc	pF,L,Oval,UB,NND,R=F
179	3900	11 46.6	27 17	GX	Leo	11.5	3/29/06	21:26	W.R.O.	8_Dobson	110x	Good	F,L,Oval,NND,R=F
180	3912	11 47.5	26 46	GX	Leo	11.5	3/29/06	21:29	W.R.O.	8_Dobson	110x	Good	vF,vS,Oval,NND,AV,R=F
181	2859	9 21.3	34 44	GX	Leo Minor	10.7	3/13/07	22:15	W.R.O.	8_Dobson	110x	Fair	pF,S,R,NND,R=F
182	3245	10 24.5	28 46	GX	Leo Minor	11.2	3/13/07	22:18	W.R.O.	8_Dobson	110x	Fair	pF,pS,Oval,NND,R=F
183	3277	10 30.2	28 46	GX	Leo Minor	12.0	3/13/07	22:25	W.R.O.	8_Dobson	110x	Fair	vF,vS,R,NND,R=F
184	3294	10 33.4	37 35	GX	Leo Minor	11.4	3/13/07	22:27	W.R.O.	8_Dobson	110x	Fair	vF,vS,Oval,NND,AV,R=F
185	3344	10 40.7	25 11	GX	Leo Minor	11.0	3/13/07	22:30	W.R.O.	8_Dobson	110x	Fair	pF,cL,Oval,Fnuc,R=F
186	3395	10 47.1	33 15	GX	Leo Minor	12.0	3/29/06	21:08	W.R.O.	8_Dobson	110x	Good	pF,pS,El,Oval,NND,R=F
187	3414	10 48.6	28 15	GX	Leo Minor	11.0	3/4/06	11:00	W.R.O.	8_Dobson	110x	Exc.	mB,fS,Oval,Fnuc,R=G
188	3432	10 49.7	36 54	GX	Leo Minor	11.4	3/29/06	21:47	W.R.O.	8_Dobson	110x	Good	F,L,Eon,NND,R=F
189	3486	10 57.8	29 15	GX	Leo Minor	11.0	3/13/07	22:35	W.R.O.	8_Dobson	110x	Fair	vF,cL,R,NND,AV,R=F
190	3504	11 0.5	28 15	GX	Leo Minor	10.9	3/29/06	21:32	W.R.O.	8_Dobson	110x	Good	F,S,R,UB,R=F
191	1964	5 31.2	-21 59	GX	Lepus	11.6	12/4/04	9:30	W.R.O.	8_Dobson	110x	Fair	mB,El,Fnuc,MSB,R=G
192	5897	15 14.5	-20 50	GC	Libra	7.3	7/23/06	23:25	W.R.O.	8_Dobson	110x	G>VG	cF,pS,R,R=F
193	2419	7 34.8	39 0	GC	Lynx	11.5	12/4/04	9:30	W.R.O.	8_Dobson	163x	Fair	Oval,R=G
194	2683	8 49.6	33 38	GX	Lynx	9.6	3/13/07	22:37	W.R.O.	8_Dobson	110x	Fair	pB,pL,Eon,Fnuc,R=G
195	2782	9 10.9	40 19	GX	Lynx	11.7	3/13/07	22:40	W.R.O.	8_Dobson	110x	Fair	pF,pS,Oval,NND,AV,R=F
196	2185	6 8.7	-6 12	EN	Monoceros	11.0	3/13/07	20:45	W.R.O.	8_Dobson	110x	Fair	pF,pS,R=F, hint of nebulosity
197	2215	6 18.4	-7 16	OC	Monoceros	8.6	3/29/06	19:56	W.R.O.	8_Dobson	64x	Good	F,S,R=F
198	2232	6 24.1	-4 43	OC	Monoceros	4.0	3/13/07	20:45	W.R.O.	8_Dobson	110x	Fair	pF,pS,R=F, hint of nebulosity
199	2244	6 29.7	4 54	OC	Monoceros	6.2	2/10/05	9:00	W.R.O.	8_Dobson	11mm	Good	vB,vL,R=G
200	2251	6 32	3 24	OC	Monoceros	8.5	3/29/06	19:58	W.R.O.	8_Dobson	64x	Good	B,L,R=F
201	2264	6 38.4	9 56	EN	Monoceros	4.7	3/13/07	20:40	W.R.O.	8_Dobson	64x	Fair	pB,pL,R=F, Loose group
202	2286	6 45.1	-3 7	OC	Monoceros	8.0	3/29/06	19:59	W.R.O.	8_Dobson	64x	Good	B,L,R=F
203	2301	6 49.2	0 31	OC	Monoceros	5.8	3/29/06	20:01	W.R.O.	8_Dobson	64x	Good	pB,L,R=G
204	2311	6 52.8	-4 31	OC	Monoceros	9.6	3/29/06	20:03	W.R.O.	8_Dobson	64x	Good	N.S.R=F
205	2324	7 0.4	1 8	OC	Monoceros	8.8	11/25/06	00:40	W.R.O.	8_Dobson	110x	Good	F, Small-Compressed,R=G
206	2335	7 4.2	-10 0	OC	Monoceros	9.1	3/29/06	20:05	W.R.O.	8_Dobson	64x	Good	F,pS,R=F
207	2343	7 5.9	-10 34	OC	Monoceros	8.0	3/29/06	20:06	W.R.O.	8_Dobson	64x	Good	F,pS,R=F
208	2353	7 12.3	-10 12	OC	Monoceros	5.3	3/29/06	20:08	W.R.O.	8_Dobson	64x	Good	littler Brighter,L,R=G
209	2506	7 57.7	-10 29	OC	Monoceros	8.5	3/29/06	20:09	W.R.O.	8_Dobson	64x	Good	pF,pS,R=F, Nice Group
210	6171	16 29.7	-12 57	GC	Ophiuchus	9.2	3/27/06	2:06	W.R.O.	8_Dobson	64x	Good	F,L,R=F, dense
211	6235	16 50.4	-22 5	GC	Ophiuchus	10.4	7/15/06	22:49	W.R.O.	8_Dobson	64x	Good	cF,pS,R=F, Little brighter, dim stars
212	6284	16 50.4	-22 5	GC	Ophiuchus	10.5	7/15/06	22:52	W.R.O.	8_Dobson	64x	Good	pF,pS,R=F
213	6287	17 2.1	-22 38	GC	Ophiuchus	9.9	7/15/06	22:54	W.R.O.	8_Dobson	64x	Good	cF,pS,R=F, dim smudge, no stars
214	6293	17 7.1	-26 30	GC	Ophiuchus	9.5	7/15/06	22:56	W.R.O.	8_Dobson	64x	Good	pF,pS,R=F, Faint stars
215	6304	17 11.4	-29 24	GC	Ophiuchus	9.8	7/15/06	22:59	W.R.O.	8_Dobson	64x	Good	cF,pS,R=F, tight smudge, no stars

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#	NGC	RA	Dec	Type	Constellation	Mag.	Date	Time	Site	Inst.	Power	Seeing	Observations
216	6316	17 13.4	-28 5	GC	Ophiuchus	10.0	7/15/06	23:00	W.R.O.	8_Dobson	64x	Good	F,pS,R=F,loose smudge, no stars
217	6342	17 18.2	-19 32	GC	Ophiuchus	10.0	7/15/06	23:02	W.R.O.	8_Dobson	64x	Good	vF,pS,R=F, Dim, unresolved.
218	6355	17 20.1	-26 19	GC	Ophiuchus	10.5	7/15/06	23:05	W.R.O.	8_Dobson	64x	Good	eF,S,AV,R=F
219	6356	17 20.7	-17 46	GC	Ophiuchus	9.5	7/15/06	23:08	W.R.O.	8_Dobson	64x	Good	pB,pS,R=G, dim stars
220	6369	17 26.3	-23 44	PN	Ophiuchus	9.9	7/9/05	23:45	W.R.O.	8_Dobson	110x	VG	mB,mS,R,R=G
221	6401	17 35.6	-23 53	GC	Ophiuchus	11.0	7/15/06	23:16	W.R.O.	8_Dobson	64x	Good	eF,cS,R=F,very dim smudge
222	6426	17 42.4	3 12	GC	Ophiuchus	11.5	7/9/05	23:45	W.R.O.	8_Dobson	110x	VG	vF,vS,R=F
223	6517	17 59.1	-8 57	GC	Ophiuchus	10.5	7/3/05	23:30	W.R.O.	8_Dobson	110x	F>G	vF,vS,AV,R=F
224	6633	18 25.1	6 32	OC	Ophiuchus	5.5	7/15/06	23:30	W.R.O.	8_Dobson	64x	Good	vB,vL,Loose cluster
225	1788	5 4.5	-3 24	EN	Orion	11.0	11/21/06	23:47	W.R.O.	8_Dobson	110x	V.G	f,S,S,R=F, Brighter than some.
226	1980	5 33	-5 56	OC	Orion	2.5	3/29/06	20:11	W.R.O.	8_Dobson	64x	Good	pB,L,R=F
227	1999	5 34.1	-6 45	EN	Orion	10.0	2/20/06	9:30	W.R.O.	31_Equat.	178x	Good	mB.mL,R=F, OIII
228	2022	5 39.4	9 3	PN	Orion	11.5	11/22/06	00:01	W.R.O.	8_Dobson	110x	V.G	pF,S,R=F
229	2024	5 39.4	-1 52	EN	Orion	10.7	11/22/06	00:05	W.R.O.	8_Dobson	110x	V.G	B,L,R=G,StarsGlow,IrregularShape
230	2169	6 5.7	13 58	OC	Orion	6.4	11/6/04	10:30	W.R.O.	8_Dobson	110x	Fair	Nice Shape
231	2186	6 9.4	5 27	OC	Orion	9.5	3/29/06	20:16	W.R.O.	8_Dobson	110x	Good	F,S,R=F
232	2194	6 11	12 50	OC	Orion	9.2	3/29/06	20:18	W.R.O.	8_Dobson	110x	Good	F,S,R=F
233	7217	22 5.6	31 7	GX	Pegasus	11.0	9/15/04	22:00	W.R.O.	8_Dobson	163x	Good	F.NND.AV.R=F
234	7331	22 34.8	34 10	GX	Pegasus	9.7	7/23/06	23:28	W.R.O.	8_Dobson	110x	G>VG	pB,pL,Eon,fNuc,R=G
235	7448	22 57.6	15 43	GX	Pegasus	11.2	9/12/04	22:00	W.R.O.	8_Dobson	110x	VG	F,El,Oval,NND,AV,F
236	7479	23 2.4	12 3	GX	Pegasus	11.6	9/19/04	22:30	W.R.O.	8_Dobson	163x	Good	VF,El,NND,R=F
237	7814	0 0.7	15 51	GX	Pegasus	12.0	7/23/06	23:35	W.R.O.	8_Dobson	110x	G>VG	cF,cS,Oval,NND,AV,R=F
238	651	1 38.8	51 19	PN	Perseus	11.0	7/24/06	0:14	W.R.O.	8_Dobson	110x	G-VG	pF,L,R,R=G
239	869	2 15.5	56 55	OC	Perseus	4.4	9/1/05	10:30	W.R.O.	8_Dobson	163x	Fair	vB,R,R=G. Beauty - Double Cluster
240	884	2 18.9	56 53	OC	Perseus	4.7	9/1/05	10:30	W.R.O.	8_Dobson	163x	Fair	vB,R,R=G. Beauty - Double Cluster
241	1023	2 37.2	38 52	GX	Perseus	10.5	10/10/04	10:00	W.R.O.	8_Dobson	110x	Good	MB,El,Rnuc,R=G
242	1245	3 11.2	47 3	OC	Perseus	6.9	11/9/04	10:00	W.R.O.	8_Dobson	163x	Good	Many Stars - Faint
243	1342	3 28.4	37 9	OC	Perseus	7.1	11/21/06	21:00	W.R.O.	8_Dobson	110x	V.G	B,L,Loose,30+Stars,R=G
244	1444	3 45.6	52 31	OC	Perseus	6.4	11/21/06	21:05	W.R.O.	8_Dobson	110x	V.G	F,pS,Compressed,R=F
245	1513	4 6.2	49 23	OC	Perseus	8.8	11/21/06	21:10	W.R.O.	8_Dobson	110x	V.G	F,L,Compressed,R=F
246	1528	4 11.4	51 7	OC	Perseus	6.2	11/21/06	21:12	W.R.O.	8_Dobson	110x	V.G	pB,pL,Loose Group,R=G
247	1545	4 17.1	50 8	OC	Perseus	8.0	11/21/06	21:15	W.R.O.	8_Dobson	110x	V.G	B,L,Very Loose,R=F
248	488	1 19.1	5 0	GX	Pisces	11.1	11/21/06	20:21	W.R.O.	8_Dobson	110x	V.G	B,L,Oval,Fnuc,R=F
249	524	1 22.1	9 16	GX	Pisces	11.1	11/21/06	21:24	W.R.O.	8_Dobson	110x	V.G	pF,S,R,NND,R=F
250	2421	7 36.3	-20 37	OC	Puppis	9.0	3/13/07	2050	W.R.O.	8_Dobson	64x	Fair	pB,pL,R-G
251	2422	7 34.3	-14 22	OC	Puppis	4.5	3/19/06	21:56	W.R.O.	8_Dobson	49x	Good	pB,R=G
252	2423	7 34.8	-13 45	OC	Puppis	6.9	3/13/07	2056	W.R.O.	8_Dobson	64x	Fair	F,pL,R=G,dim patch
253	2438	7 39.6	-14 36	PN	Puppis	11.3	3/13/07	2100	W.R.O.	8_Dobson	163x	Fair	vF,vS,R=F, no central star
254	2440	7 39.9	-18 5	PN	Puppis	11.5	3/13/07	2106	W.R.O.	8_Dobson	163x	Fair	F,pS,R=F,irregular in shape
255	2479	7 54.7	-17 35	OC	Puppis	9.5	3/13/07	2110	W.R.O.	8_Dobson	64x	Fair	F,S,R=F,loose group
256	2482	7 52.8	-24 10	OC	Puppis	8.7	3/13/07	2112	W.R.O.	8_Dobson	64x	Fair	B,pL,R=F, loose group
257	2489	7 56.2	-29 56	OC	Puppis	9.4	3/13/07	2115	W.R.O.	8_Dobson	64x	Fair	F,S,R=F
258	2509	7 58.5	-18 56	OC	Puppis	9.3	3/13/07	2117	W.R.O.	8_Dobson	64x	Fair	F,pL,R=F,dim patch

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#	NGC	RA	Dec	Type	Constellation	Mag.	Date	Time	Site	Inst.	Power	Seeing	Observations		
259	2527	8	3.2	-28	1	OC	Puppis	8.0	3/13/07	2118	W.R.O.	8_Dobson	64x	Fair	F,pL,R=F,patchy
260	2539	8	8.4	-12	41	OC	Puppis	8.2	3/13/07	2124	W.R.O.	8_Dobson	64x	Fair	B,pL,R=G,resolve fainter stars
261	2567	8	16.6	-30	29	OC	Puppis	8.3	3/13/07	2126	W.R.O.	8_Dobson	64x	Fair	pF,L,R=F
262	2571	8	16.9	-29	35	OC	Puppis	7.5	3/13/07	2128	W.R.O.	8_Dobson	64x	Fair	vF,L,R=F
263	2613	8	31.1	-22	48	GX	Pyxis	11.0	3/13/07	2140	W.R.O.	8_Dobson	110x	Fair	pF,pS,Eon,NND,AV,R=F
264	2627	8	35.2	-29	46	OC	Pyxis	8.3	3/13/07	2145	W.R.O.	8_Dobson	110x	Fair	pF,S,R=F
265	6440	17	45.9	-20	21	GC	Sagittarius	10.4	7/15/06	23:38	W.R.O.	8_Dobson	64x	Good	cF,cS,R=F
266	6445	17	46.3	-20	0	PN	Sagittarius	11.0	7/9/05	23:45	W.R.O.	8_Dobson	110x	VG	mB,mL,MSB,R=G
267	6514	17	58.9	-23	2	OC	Sagittarius	6.9	3/27/06	3:58	W.R.O.	8_Dobson	64x	Good	B,L,Few Stars,Nebulosity Ok,R=G
268	6520	18	0.3	-27	54	OC	Sagittarius	8.1	7/9/05	23:45	W.R.O.	8_Dobson	110x	VG	vB,R=G. Nice Cluster - Bright
269	6522	18	0.4	-30	2	GC	Sagittarius	9.5	7/15/06	23:41	W.R.O.	8_Dobson	64x	Good	pB,S,R=F
270	6528	18	1.6	-30	4	GC	Sagittarius	10.5	7/15/06	23:45	W.R.O.	8_Dobson	64x	Good	cF,cS,R=G
271	6540	18	3.1	-27	50	OC	Sagittarius	11.0	7/9/05	23:45	W.R.O.	8_Dobson	110x	VG	R=F. Loose group, fewer stars
272	6544	18	4.3	-25	1	GC	Sagittarius	10.0	7/15/06	23:49	W.R.O.	8_Dobson	64x	Good	pF,cS,R=F,smudge, no stars
273	6553	18	6.3	-25	56	GC	Sagittarius	10.0	7/15/06	23:51	W.R.O.	8_Dobson	64x	Good	pF,pS,R=F
274	6568	18	10.1	-21	36	OC	Sagittarius	8.5	7/9/05	23:45	W.R.O.	8_Dobson	110x	VG	mB,R=G. Nice, Bright Cluster
275	6569	18	10.4	-31	50	GC	Sagittarius	10.4	7/15/06	23:58	W.R.O.	8_Dobson	64x	Good	F,cS,R=F
276	6583	18	12.8	-22	9	OC	Sagittarius	11.5	7/23/06	22:57	W.R.O.	8_Dobson	110x	G>VG	cF,S,R=F
277	6624	18	20.5	-30	23	GC	Sagittarius	9.5	7/16/06	0:01	W.R.O.	8_Dobson	64x	Good	pF,pS,R=F
278	6629	18	22.7	-23	14	PN	Sagittarius	10.6	7/9/05	23:45	W.R.O.	8_Dobson	110x	VG	vF,vS,AV,R=F
279	6638	18	27.9	-25	32	GC	Sagittarius	10.2	7/16/06	0:04	W.R.O.	8_Dobson	64x	Good	cF,pS,R=F
280	6642	18	28.8	-23	31	GC	Sagittarius	10.5	7/16/06	0:05	W.R.O.	8_Dobson	64x	Good	F,cS,R=F
281	6645	18	29.8	-16	56	OC	Sagittarius	8.5	7/16/06	0:15	W.R.O.	8_Dobson	64x	Good	F,S,R=F
282	6818	19	41.1	-14	17	PN	Sagittarius	10.0	7/9/05	23:45	W.R.O.	8_Dobson	110x	VG	vB,vS,R,R=G
283	6144	16	24.2	-25	56	GC	Scorpius	10.5	7/3/05	23:30	W.R.O.	8_Dobson	110x	F>G	vF,vS,R,AV,R=F
284	6451	17	47.4	-30	11	OC	Scorpius	8.5	7/23/06	22:55	W.R.O.	8_Dobson	110x	G>VG	pB,pL,R=G,Dense Group
285	253	0	45.1	-25	34	GX	Sculptor	8.9	11/21/06	20:10	W.R.O.	8_Dobson	110x	V.G	B,pL,Eon,NND,R=G
286	288	0	50.2	-26	52	GC	Sculptor	7.2	10/9/07	2245	W.R.O.	8_Dobson	110x	Good	pB,pL,smudge, resolved no stars,R=G
287	613	1	32	-29	40	GX	Sculptor	10.2	10/9/07	2330	W.R.O.	8_Dobson	110x	Good	pB,pL,Oval,Fnuc,R=G
288	6664	18	34	-8	16	OC	Scutum	8.9	3/18/07	0351	W.R.O.	8_Dobson	110x	Good	B,L,Loose group,R=F
289	6712	18	50.3	-8	47	GC	Scutum	10.0	7/15/06	23:35	W.R.O.	8_Dobson	64x	Good	pB,pS,R=G
290	6118	16	19.3	-2	11	GX	Serpens Caput	11.5	7/24/06	0:29	W.R.O.	8_Dobson	110x	G>VG	vF,pS,Oval,NND,AV,R=F
291	2974	9	40	-3	29	GX	Sextans	11.0	3/13/07	2250	W.R.O.	8_Dobson	110x	Fair	pF,pS,Oval,NND,R=F
292	3115	10	2.8	-7	28	GX	Sextans	9.3	3/15/05	9:00	W.R.O.	8_Dobson	110x	Fair	vB,mL,EI,Eon, Fnuc,mSB,R=G
293	3166	10	11.2	3	40	GX	Sextans	11.4	3/13/07	2252	W.R.O.	8_Dobson	110x	Fair	cB,cL,Oval,Fnuc,MHISB,R=G
294	3169	10	11.7	3	43	GX	Sextans	11.7	3/13/07	2252	W.R.O.	8_Dobson	110x	Fair	cB,cL,Oval,Fnuc,R=G
295	1647	4	43.2	18	59	OC	Taurus	6.0	12/4/04	9:30	W.R.O.	8_Dobson	110x	Fair	R,R=F, Scattered Stars
296	1817	5	9.2	16	38	OC	Taurus	7.9	12/15/04	9:30	W.R.O.	8_Dobson	110x	Good	Small, many stars R=G
297	598	1	31.1	30	24	GX	Triangulum	6.7	3/19/06	20:18	W.R.O.	8_Dobson	64x	Good	Diff,L,F,Oval,NND,R=F
298	2681	3	50	51	31	GX	Ursa Major	10.4	5/10/05	23:30	W.R.O.	8_Dobson	110x	Fair	mB,fS,R,Fnuc,R=F
299	2742	9	3.7	60	41	GX	Ursa Major	11.2	3/13/07	2302	W.R.O.	8_Dobson	110x	Fair	pF,pS,Oval,NND,R=F
300	2768	9	7.8	60	16	GX	Ursa Major	10.5	3/4/06	23:55	W.R.O.	8_Dobson	110x	Exc.	mB,mL,Oval,NND,R=F
301	2787	9	14.9	69	25	GX	Ursa Major	10.9	3/4/06	23:55	W.R.O.	8_Dobson	110x	Exc.	F,pS,R,NND,R=F

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#	NGC	RA	Dec	Type	Constellation	Mag.	Date	Time	Site	Inst.	Power	Seeing	Observations
302	2841	9 18.6	51 12	GX	Ursa Major	9.3	3/4/06	23:55	W.R.O.	8_Dobson	110x	Exc.	pB,pL,Eon,Fnuc,mSB,R=G
303	2950	9 39.1	59 5	GX	Ursa Major	10.9	3/4/06	23:55	W.R.O.	8_Dobson	110x	Exc.	pB,pS,R,Fnuc,,R=G
304	2976	9 43.2	68 8	GX	Ursa Major	11.4	3/4/06	23:55	W.R.O.	8_Dobson	110x	Exc.	Diff,F,fL,Eon,NND,R=F
305	2985	9 46	72 31	GX	Ursa Major	10.6	3/4/06	23:55	W.R.O.	8_Dobson	110x	Exc.	pB,fS,Oval,Fnuc,R=G
306	3034	9 51.9	69 56	GX	Ursa Major	8.8	3/19/06	22:59	W.R.O.	8_Dobson	64x	Good	pB,pL,Eon,fNuc,R=G
307	3077	9 59.4	68 58	GX	Ursa Major	10.9	3/13/07	23:17	W.R.O.	8_Dobson	110x	Fair	pF,L,Oval,NND,AV,R=F
308	3079	9 58.6	55 57	GX	Ursa Major	11.2	3/4/06	23:55	W.R.O.	8_Dobson	110x	Exc.	pF,fL,Eon,NND,R=F
309	3184	10 15.2	41 40	GX	Ursa Major	9.6	3/13/07	23:10	W.R.O.	8_Dobson	110x	Fair	vF,S,R,NND,AV,R=F
310	3198	10 16.7	45 49	GX	Ursa Major	11.0	3/13/07	23:12	W.R.O.	8_Dobson	110x	Fair	vF,S,Eon,NND,AV,R=F
311	3310	10 35.7	53 46	GX	Ursa Major	10.1	3/13/07	23:15	W.R.O.	8_Dobson	110x	Fair	cB,pS,R,Fnuc,R=G
312	3556	11 8.7	55 57	GX	Ursa Major	11.0	3/19/06	23:04	W.R.O.	8_Dobson	64x	Good	fB,fL,El,Eon,Rnuc,R=G
313	3610	11 15.6	59 4	GX	Ursa Major	11.2	3/13/07	23:19	W.R.O.	8_Dobson	110x	Fair	pF,pS,R,NND,R=F
314	3613	11 15.6	58 17	GX	Ursa Major	11.2	3/17/07	22:45	W.R.O.	8_Dobson	110x	Good	F,pS,Oval,Fnuc,R=G
315	3619	11 16.5	58 2	GX	Ursa Major	11.7	3/17/07	22:45	W.R.O.	8_Dobson	110x	Good	F,pS,R,NND,R=F
316	3631	11 18.3	53 28	GX	Ursa Major	11.2	3/17/07	23:10	W.R.O.	8_Dobson	110x	Good	B,pL,R,Fnuc,R=G
317	3665	11 22.1	39 2	GX	Ursa Major	11.4	3/17/07	23:12	W.R.O.	8_Dobson	110x	Good	pB,L,Oval,BNuc,R=G
318	3675	11 23.5	43 52	GX	Ursa Major	11.5	3/17/07	23:15	W.R.O.	8_Dobson	110x	Good	pB,pL,El,Oval,BNuc,R=G
319	3726	11 30.7	47 19	GX	Ursa Major	10.8	3/17/07	23:17	W.R.O.	8_Dobson	110x	Good	pF,pL,Oval,NND,R=F
320	3729	11 31	53 24	GX	Ursa Major	11.7	2/23/06	11:30	W.R.O.	31_Equat.	324x	Exc.	fB,fL,R,Bnuc,HISB,R=G
321	3813	11 38.7	36 49	GX	Ursa Major	11.7	3/17/07	23:20	W.R.O.	8_Dobson	110x	Good	cF,cS,Oval,NND,R=F
322	3877	11 43.5	47 46	GX	Ursa Major	10.9	3/17/07	23:22	W.R.O.	8_Dobson	110x	Good	pF,pL,Eon,NND,R=F
323	3893	11 46.1	49 0	GX	Ursa Major	11.3	3/17/07	23:27	W.R.O.	8_Dobson	110x	Good	vF,pS,Oval,NND,AV,R=F
324	3898	11 46.7	56 22	GX	Ursa Major	11.5	3/17/07	23:30	W.R.O.	8_Dobson	110x	Good	pB,pS,OvalFNuc,R=G
325	3938	11 50.2	44 24	GX	Ursa Major	11.5	3/17/07	23:36	W.R.O.	8_Dobson	110x	Good	Diff,pF,pL,Oval,NND,R=F
326	3941	11 50.3	37 16	GX	Ursa Major	9.8	3/17/07	23:40	W.R.O.	8_Dobson	110x	Good	pB,cS,Ova,,Bnuc,R=G
327	3945	11 50.6	60 57	GX	Ursa Major	10.8	3/17/07	23:48	W.R.O.	8_Dobson	110x	Good	pF,S,Oval,NND,R=F
328	3949	11 51.1	48 8	GX	Ursa Major	11.0	3/17/07	23:52	W.R.O.	8_Dobson	110x	Good	pF,S,Oval,NND,R=F
329	3953	11 51.2	52 37	GX	Ursa Major	10.7	3/18/07	00:03	W.R.O.	8_Dobson	110x	Good	pB,pL,El,Oval,Fnuc,mSB,R=G
330	3982	11 53.9	55 24	GX	Ursa Major	11.3	3/18/07	00:20	W.R.O.	8_Dobson	110x	Good	pF,L,Oval,NND,=F
331	3992	11 55	53 39	GX	Ursa Major	10.8	3/19/06	23:06	W.R.O.	8_Dobson	64x	Good	F,fS,Oval,NND,R=F
332	3998	11 55.3	55 44	GX	Ursa Major	11.3	3/18/07	00:22	W.R.O.	8_Dobson	110x	Good	pB,pL,Oval,Fnuc,mSB,R=G
333	4026	11 56.9	51 14	GX	Ursa Major	10.7	3/18/07	00:26	W.R.O.	8_Dobson	110x	Good	pB,L,Oval,Fnuc,MSB,R=G
334	4036	11 58.9	62 10	GX	Ursa Major	10.7	3/18/07	00:29	W.R.O.	8_Dobson	110x	Good	pB,pL,Eon,Fnuc,mSB,R=G
335	4041	11 59.7	62 25	GX	Ursa Major	11.0	3/18/07	00:29	W.R.O.	8_Dobson	110x	Good	pF,pL,R,NND,R=F
336	4051	12 0.6	44 48	GX	Ursa Major	11.0	3/18/07	00:33	W.R.O.	8_Dobson	110x	Good	pF,L,R,NND,AV,R=F
337	4085	12 2.8	50 38	GX	Ursa Major	11.8	3/18/07	00:39	W.R.O.	8_Dobson	110x	Good	vF,pS,El,Eon,NND,AV,R=F
338	4088	12 3	50 49	GX	Ursa Major	10.9	3/18/07	00:39	W.R.O.	8_Dobson	110x	Good	pF,L,Eon,UB,NND,R=F
339	4102	12 3.8	52 59	GX	Ursa Major	11.8	3/18/07	01:05	W.R.O.	8_Dobson	110x	Good	pF,pS,El,Oval,UB,NND,R=F
340	5322	13 47.6	60 26	GX	Ursa Major	10.0	3/18/07	01:09	W.R.O.	8_Dobson	110x	Good	pB,L,Oval,Fnuc,HISB,R=G
341	5473	14 3	55 8	GX	Ursa Major	11.4	3/18/07	01:12	W.R.O.	8_Dobson	110x	Good	pF,pS,Oval,UB,NND,R=F
342	5474	14 3.2	53 54	GX	Ursa Major	11.4	3/18/07	01:20	W.R.O.	8_Dobson	110x	Good	vF,pS,R,NND,AV,R=F
343	5631	14 25.1	56 48	GX	Ursa Major	11.4	3/18/07	01:24	W.R.O.	8_Dobson	110x	Good	cF,cS,R,NND,R=F
344	6217	16 34.8	78 18	GX	Ursa Minor	11.5	3/18/07	01:27	W.R.O.	8_Dobson	110x	Good	vF,vS,R,NND,AV,R=F

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#	NGC	RA	Dec	Type	Constellation	Mag.	Date	Time	Site	Inst.	Power	Seeing	Observations
345	4030	11 57.8	0 49	GX	Virgo	11.0	4/4/05	23:00	W.R.O.	8_Dobson	110x	Good	mB,Oval,Fnuc,mSB,R=G
346	4179	12 10.3	1 35	GX	Virgo	11.6	4/4/05	23:00	W.R.O.	8_Dobson	110x	Good	mB,Eon,Oval,Fnuc,mSB,R=G
347	4216	12 13.4	13 25	GX	Virgo	10.4	4/4/05	23:00	W.R.O.	8_Dobson	110x	Good	vB,Eon,Fnuc,mSB,R=G
348	4261	12 16.8	6 6	GX	Virgo	10.3	4/26/06	23:04	W.R.O.	8_Dobson	110x	Exc	B,L,Oval,Fnuc,MSB,R=G
349	4273	12 17.4	5 37	GX	Virgo	11.6	4/4/05	23:00	W.R.O.	8_Dobson	110x	Good	mB,Oval,Fnuc,mSB,R=G
350	4281	12 17.8	5 40	GX	Virgo	11.3	4/4/05	23:00	W.R.O.	8_Dobson	110x	Good	mB,El,Oval,NND,mSB,R=F
351	4303	12 19.4	4 45	GX	Virgo	10.1	3/26/06	23:30	W.R.O.	8_Dobson	64x	Good	Diff,F,L,Oval,NND,R=F
352	4365	12 22	7 36	GX	Virgo	11.1	4/26/06	23:04	W.R.O.	8_Dobson	110x	Exc	pB,pL,Oval,Fnuc,mSB,R=G
353	4371	12 22.4	11 59	GX	Virgo	11.6	4/26/06	23:04	W.R.O.	8_Dobson	110x	Exc	pF,pS,Oval,NND,R=F
354	4429	12 24.9	11 23	GX	Virgo	11.2	4/26/06	23:04	W.R.O.	8_Dobson	110x	Exc	F,pS,El,Oval,UB,R=F
355	4435	12 25.2	13 21	GX	Virgo	10.3	4/26/06	23:04	W.R.O.	8_Dobson	110x	Exc	B,S,R,Fnuc,MSB,R=G
356	4438	12 25.3	13 17	GX	Virgo	10.8	4/26/06	23:04	W.R.O.	8_Dobson	110x	Exc	F,pL,El,Oval,NND,R=F
357	4442	12 25.6	10 5	GX	Virgo	10.8	4/26/06	23:04	W.R.O.	8_Dobson	110x	Exc	pB,cS,Eon,Fnuc,R=G
358	4478	12 27.8	12 36	GX	Virgo	10.9	4/5/05	23:00	W.R.O.	8_Dobson	163x	Fair/Good	mB,mS,R,Fnuc,mSB,R=G
359	4526	12 31.6	7 58	GX	Virgo	10.9	4/26/06	23:04	W.R.O.	8_Dobson	110x	Exc	vB,cS,Eon,Bnuc,R=G
360	4527	12 31.6	2 56	GX	Virgo	11.5	4/13/05	22:00	W.R.O.	8_Dobson	110x	Fair	mB,mL,El,Eon,Fnuc,R=G
361	4535	12 31.8	8 28	GX	Virgo	11.0	4/26/06	23:04	W.R.O.	8_Dobson	110x	Exc	F,vL,Oval,NND,R=F
362	4536	12 31.9	2 28	GX	Virgo	10.9	4/13/05	22:00	W.R.O.	8_Dobson	110x	Fair	mB,mL,El,Eon,Fnuc,R=G
363	4546	12 32.9	-3 31	GX	Virgo	10.0	4/26/06	23:04	W.R.O.	8_Dobson	110x	Exc	F,L,Oval,NND,R=F
364	4550	12 32.9	12 30	GX	Virgo	11.7	4/13/05	22:00	W.R.O.	8_Dobson	110x	Fair	mF,mS,El,NND,R=G
365	4570	12 34.4	7 31	GX	Virgo	10.9	4/28/06	22:05	W.R.O.	31_Equat.	290x	Good	vB,cL,Eon,,Bnuc,pHISB,R=G
366	4594	12 37.3	-11 21	GX	Virgo	8.7	3/26/06	23:38	W.R.O.	8_Dobson	64x	Good	pB,pL,Eon,Bnuc,HISB,R=G
367	4596	12 37.4	10 27	GX	Virgo	11.4	4/8/05	23:00	W.R.O.	8_Dobson	110x	VG	mB,mL,OvalFNuc,R=G
368	4636	12 40.3	2 57	GX	Virgo	10.4	4/28/06	22:10	W.R.O.	31_Equat.	290x	Good	vB,vL,Oval,Bnuc,pHISB,R=G
369	4643	12 40.8	2 15	GX	Virgo	10.6	4/28/06	22:12	W.R.O.	31_Equat.	290x	Good	vB,vL,Oval,Bnuc,pHISB,R=G
370	4654	12 41.4	13 23	GX	Virgo	11.0	4/8/05	23:00	W.R.O.	8_Dobson	110x	VG	vF,mL,NND,R=F
371	4660	12 42	11 26	GX	Virgo	10.9	4/13/05	22:00	W.R.O.	8_Dobson	110x	Fair	mF,vS,Oval,NND,R=G
372	4665	12 42.9	3 19	GX	Virgo	11.1	4/8/05	23:00	W.R.O.	8_Dobson	110x	VG	vB,mL,Oval,Fnuc,R=G
373	4666	12 42.6	0 12	GX	Virgo	11.4	4/28/06	22:16	W.R.O.	31_Equat.	290x	Good	vB,vL,Eon,Bnuc,vHISB,R=G
374	4697	12 46	-5 32	GX	Virgo	10.5	4/28/06	22:19	W.R.O.	31_Equat.	290x	Good	cB,vL,Oval,vBNUC,vHISB,R=G
375	4698	12 46.8	8 45	GX	Virgo	11.3	4/13/05	22:00	W.R.O.	8_Dobson	110x	Fair	mB,mL,Eon,Fnuc,mSB,R=G
376	4699	12 46.5	-8 24	GX	Virgo	9.3	4/28/06	22:22	W.R.O.	31_Equat.	290x	Good	cB,cL,Oval,Bnuc,HISB,R=G
377	4753	12 49.8	0 55	GX	Virgo	10.8	4/28/06	22:24	W.R.O.	31_Equat.	290x	Good	cB,cL,Oval,Bnuc,mSB,R=G
378	4754	12 49.7	11 35	GX	Virgo	10.5	4/28/06	22:28	W.R.O.	31_Equat.	290x	Good	CB,cL,Oval,UB,Fnuc,mSB,R=G
379	4762	12 50.4	11 31	GX	Virgo	11.0	4/28/06	22:32	W.R.O.	31_Equat.	290x	Good	cB,vL,Eon,Bnuc,vHISB,R=G
380	4781	12 51.8	-10 16	GX	Virgo	11.2	4/13/05	22:00	W.R.O.	8_Dobson	110x	Fair	mF,mL,El,NND,R=F
381	4845	12 55.5	1 51	GX	Virgo	11.5	5/4/05	21:45	W.R.O.	8_Dobson	110x	Good	mF,mS,El,Eon,Fnuc,R=G
382	4856	12 56.7	-14 46	GX	Virgo	11.5	4/28/06	22:50	W.R.O.	31_Equat.	290x	Good	cB,cL,El,Eon,Bnuc,mSB,R=G
383	4866	12 57	14 27	GX	Virgo	11.4	4/28/06	22:55	W.R.O.	31_Equat.	290x	Good	cN,vL,Eon,Bnuc,mSB,R=G
384	4900	12 58.2	2 46	GX	Virgo	11.3	4/28/06	22:57	W.R.O.	31_Equat.	290x	Good	fB,pL,R,UB,NND,R=F
385	4958	13 3.1	-7 45	GX	Virgo	10.9	4/28/06	22:59	W.R.O.	31_Equat.	290x	Good	cB,p,Eon,Bnuc,HISB,R=G
386	4995	13 7	-7 34	GX	Virgo	11.2	4/28/06	23:03	W.R.O.	31_Equat.	290x	Good	pB,cL,Oval,fNUC,mSB,R=F
387	5054	13 14.3	-16 23	GX	Virgo	11.5	4/28/06	23:06	W.R.O.	31_Equat.	290x	Good	cB,pL,Oval,UB,NND,R=F

## Herschel I - 400 List

#	NGC	RA	Dec	Type	Constellation	Mag.	Date	Time	Site	Inst.	Power	Seeing	Observations
388	5363	13 53.6	5 29	GX	Virgo	10.7	4/28/06	23:10	W.R.O.	31_Equat.	290x	Good	pB,S,R,fNuc,mSB,R=G
389	5364	13 53.7	5 15	GX	Virgo	11.0	4/28/06	23:12	W.R.O.	31_Equat.	290x	Good	B,cS,R,NND,R=F
390	5566	14 17.8	4 11	GX	Virgo	10.4	4/28/06	23:18	W.R.O.	31_Equat.	290x	Good	cB,cL,Eon,Bnuc,HISB,R=G
391	5576	14 18.5	3 30	GX	Virgo	11.7	4/28/06	23:21	W.R.O.	31_Equat.	290x	Good	B,L,OvalBNuc,HISB,R=G
392	5634	14 27	-5 45	GC	Virgo	10.4	4/28/06	23:25	W.R.O.	31_Equat.	290x	Good	pB,cL,R,R=G, Can't Resolve Starts. VIII
393	5746	14 42.3	2 10	GX	Virgo	10.1	5/4/05	21:45	W.R.O.	8_Dobson	110x	Good	vB,vL,EI,Eon,Fnuc,R=G
394	5846	15 4	1 48	GX	Virgo	10.5	4/28/06	23:30	W.R.O.	31_Equat.	290x	Good	cB,cL,R,Fnuc,R=G
395	6802	19 28.4	20 10	OC	Vulpecula	11.0	7/23/06	23:04	W.R.O.	8_Dobson	110x	G>VG	pF,cS,R=F
396	6823	19 41.1	23 12	OC	Vulpecula	9.8	7/23/06	23:07	W.R.O.	8_Dobson	110x	G>VG	B,pS,R=F
397	6830	19 48.9	22 58	OC	Vulpecula	9.0	7/23/06	23:09	W.R.O.	8_Dobson	110x	G>VG	B,pS,R=F
398	6882	20 9.6	26 24	OC	Vulpecula	5.5	7/23/06	23:11	W.R.O.	8_Dobson	110x	G>VG	pB,pS,R=F
399	6885	20 9.9	26 20	OC	Vulpecula	9.1	7/23/06	23:11	W.R.O.	8_Dobson	110x	G>VG	pB,pS,R=F
400	6940	20 32.5	28 8	OC	Vulpecula	6.5	7/23/06	23:13	W.R.O.	8_Dobson	110x	G>VG	pB,pL,R=G

**EN - Emission nebula**  
**GC - Globular Cluster**  
**GX - Galaxy**  
**OC - Open Cluster**  
**PN - Planetary Nebula**  
**Con - Constellation**  
**Mag - Visual Magnitude**