

Swift Objects - Key

Original Excel file (Revised NGC/IC Data => NI2024.xls) gratefully downloaded from Dr. Wolfgang Steinicke's website:
http://www.klima-luft.de/steinicke/index_e.htm (Website grants permission for non-commercial use).

Modified by adding, deleting and rearranging columns to better organize a "Lewis Swift" observation list.

List of the 798 L. Swift NGC/IC original discoveries. There are 1050 NGC & IC objects credited to L. Swift, but these include objects he independently re-discovered that were originally found by others, duplicates of his own observations, objects that could not subsequently be found, as well as several non-DSO's (typically small groups of unresolved stars that due to aperture or seeing, he could not resolve). The "L.Swift Discoveries" tab only includes objects that Swift was the first to discover. See the "Comments" column and embedded notes for information about objects with ambiguous identifications among multiple sources.

Column	Explanation
Catalog	Catalog: NGC or IC
Obj. #	Entry #in original NGC and IC (within range of NGC 1 ... NGC 7840 & IC 1 ... IC 5386)
Con	Constellation (as given in the Revised NGC/IC data file)
Type	G = Galaxy; PN = Planetary Nebula; DN = Diffuse (emission) Nebula; GC = Globular Cluster; OC = Open Cluster
RA hrs ... Dec sec	Position 2000.0 (as given in the Revised NGC/IC data file)
Vmag	Visual magnitude from the Revised NGC/IC data file)
MSmag	Object magnitude displayed in Megastar 5 software. This may be a photographic (P), blue (B), visual (V), or an unspecified magnitude.
MS Size	Object size displayed in Megastar 5 software
MS P.A.	Position angle displayed in Megastar 5 software
Comments	Various comments about the object, including any "duplicate" NGC/IC designations, multiple objects from the list of Swift's discoveries that appear in the same 30-arc-minute field of view, and objects with ambiguous identifications among multiple sources. The cell may also include notes specifically related to the object as listed/plotted in Megastar 5, The Sky 6, and/or SkySafari Pro software; Wil Tirion's Uranometria star atlas; and TheSkyLive.com website. Sadly Excel does not retain the size of the "Notes box" so you may have to right click on the cell, choose "Edit Note" to adjust the size and read the entire entry.
ID1, ID2, ID3	Duplicate identifications in the NGC/IC

Swift Objects

Catalog	Obj. #	Con.	Type	RA hrs	RA min	RA sec	Dec dgs	Dec min	Dec sec	Vmag	MSmag	MS Size	MS P.A.
NGC	19	AND	G	0	10	40.8	32	58	58	13.3	14.0	1.2'x0.6'	42
NGC	27	AND	G	0	10	32.7	28	59	49	13.5	14.4	1.2'x0.7'	117
NGC	35	CET	G	0	11	10.4	-12	1	14	14.1	13.3	0.7'x0.5'	135
NGC	48	AND	G	0	14	2.1	48	14	6	13.6	14.4	1.4'x0.9'	15
NGC	49	AND	G	0	14	22.4	48	14	50	13.7	14.7	1.1'x1.0'	165
NGC	51	AND	G	0	14	34.8	48	15	22	13.1	14.1	1.2'x0.9'	50
NGC	64	CET	G	0	17	30.3	-6	49	30	13.2	14.0	1.5'x1.0'	30
NGC	73	CET	G	0	18	38.9	-15	19	18	13.7	13.5	1.6'x1.1'	145
NGC	75	PSC	G	0	19	26.3	6	26	59	13.2	14.2	1.4'	0
NGC	100	PSC	G	0	24	2.6	16	29	11	13.3	13.9	5.4'x0.6'	56
NGC	112	AND	G	0	26	48.8	31	42	10	13.6	14.5	1.1'x0.5'	108
NGC	150	SCL	G	0	34	15.7	-27	48	18	11.4	12.0	3.9'x1.8'	118
NGC	155	CET	G	0	34	40.0	-10	45	58	13.3	13.5	1.7'x1.2'	175
NGC	161	CET	G	0	35	33.9	-2	50	54	13.4	14.0	1.3'x0.7'	37
NGC	190	PSC	G	0	38	54.7	7	3	44	14.0	14.9	0.9'x0.7'	92
NGC	240	PSC	G	0	45	1.9	6	6	46	13.7	14.5	1.0'x0.8'	76
NGC	250	PSC	G	0	47	16.0	7	54	36	13.8	14.6	1.1'x0.6'	153
NGC	262	AND	G	0	48	47.1	31	57	27	13.1	13.9	1.0'x1.0'	0
NGC	317	AND	G	0	57	40.5	43	47	31	13.4	14.3	1.3'x1.2'	7
NGC	332	PSC	G	0	58	49.0	7	6	40	14.0	14.5	1.3'x1.0'	140
NGC	351	CET	G	1	1	57.8	-1	56	11	13.2	14.1	1.4'x0.7'	142
NGC	353	CET	G	1	2	24.6	-1	57	25	13.7	14.6	1.2'x0.3'	26
NGC	389	AND	G	1	8	29.8	39	41	42	14.0	14.8	1.2'x0.3'	54
NGC	437	PSC	G	1	14	22.3	5	55	35	12.8	13.8	1.3'x1.0'	130
NGC	442	CET	G	1	14	38.6	-1	1	14	13.4	14.4	1.4'x1.2'	158
NGC	448	CET	G	1	15	16.5	-1	37	31	12.1	13.1	1.6'x0.7'	116
NGC	481	CET	G	1	21	12.6	-9	12	40	13.3	14.5	1.7'x1.2'	75
NGC	519	CET	G	1	24	28.7	-1	38	29	14.3	15.3	0.5'x0.2'	140
NGC	530	CET	G	1	24	41.7	-1	35	13	13.0	14.0	1.7'x0.4'	134
NGC	538	CET	G	1	25	26.1	-1	33	3	13.7	14.6	1.5'x0.6'	32
NGC	557	CET	G	1	26	25.1	-1	38	18	13.5	14.5	2.0'x0.8'	128
NGC	562	AND	G	1	28	29.3	48	23	13	13.3	14.0	1.2'x0.9'	20
NGC	638	PSC	G	1	39	37.8	7	14	14	13.8	14.5	0.8'x0.5'	20
NGC	652	PSC	G	1	40	43.2	7	59	0	13.7	14.6	1.0'x0.6'	55
NGC	671	ARI	G	1	46	59.1	13	7	31	13.3	14.2	1.5'x0.4'	55
NGC	675	ARI	G	1	49	8.5	13	3	35	14.4	15.3	1.0'x0.4'	102
NGC	677	ARI	G	1	49	14.0	13	3	21	12.2	13.2	2.0'	0
NGC	716	ARI	G	1	52	59.5	12	42	30	12.9	13.8	1.8'x0.7'	57
NGC	746	AND	G	1	57	51.0	44	55	6	12.9	13.5	1.7'x1.0'	70
NGC	768	CET	G	1	58	40.8	0	31	44	13.2	14.0	1.6'x0.7'	30
NGC	799	CET	G	2	2	12.2	0	6	1	13.4	13.0	2.0'x1.7'	101
NGC	800	CET	G	2	2	11.8	0	7	51	13.1	13.7	1.0'x0.9'	25
NGC	801	AND	G	2	3	44.9	38	15	34	13.1	14.0	3.6'x0.9'	153
NGC	804	TRI	G	2	4	2.2	30	49	57	13.7	14.7	1.4'x0.4'	7
NGC	806	CET	G	2	3	31.2	-9	55	58	13.9	14.8	1.2'x0.3'	60
NGC	809	CET	G	2	4	18.9	-8	44	6	13.8	13.5	1.4'x0.9'	170
NGC	817	ARI	G	2	7	33.6	17	12	7	13.3	14.2	0.7'x0.3'	27
NGC	856	CET	G	2	13	38.4	0	43	0	13.2	14.1	1.2'x0.8'	13
NGC	868	CET	G	2	15	58.5	0	42	46	13.9	14.9	1.3'x1.0'	105
NGC	920	AND	G	2	28	45.8	45	58	16	13.7	14.8	1.5'x1.0'	10
NGC	933	AND	G	2	29	17.4	45	54	43	13.9	14.8	1.5'x0.8'	35
NGC	935	ARI	G	2	28	11.2	19	35	57	12.9	13.6	1.7'x1.2'	158
NGC	948	CET	G	2	28	45.4	-10	30	50	13.7	14.2	1.4'x1.1'	29

Swift Objects

Catalog	Obj. #	Con.	Type	RA hrs	RA min	RA sec	Dec dgs	Dec min	Dec sec	Vmag	MSmag	MS Size	MS P.A.
NGC	973	TRI	G	2	34	20.1	32	30	20	12.8	13.6	3.7'x0.6'	49
NGC	975	CET	G	2	33	22.7	9	36	7	13.1	14.1	1.0'x0.7'	1
NGC	1013	CET	G	2	37	50.4	-11	30	24	14.0	14.5	0.8'x0.6'	75
NGC	1017	CET	G	2	37	49.9	-11	0	38	14.4	14.9	0.7'x0.6'	50
NGC	1042	CET	G	2	40	23.9	-8	26	3	11.0	11.6	5.3'x3.6'	3
NGC	1043	CET	G	2	40	46.5	1	20	35	15.0	15.8	0.9'x0.2'	110
NGC	1047	CET	G	2	40	32.8	-8	8	50	13.5	15.1	1.3'x0.7'	90
NGC	1048	CET	G	2	40	37.9	-8	32	1	14.5	14.5	1.0'x0.2'	101
NGC	1065	CET	G	2	42	6.2	-15	5	30	14.1	14.5	0.8'x0.7'	170
NGC	1069	CET	G	2	42	59.9	-8	17	20	13.5	14.5	1.8'x0.9'	143
NGC	1076	CET	G	2	43	29.1	-14	45	18	12.7	13.1	1.9'x1.0'	99
NGC	1077	PER	G	2	46	0.6	40	5	24	13.6	14.5	1.1'x0.8'	146
NGC	1080	CET	G	2	45	10.1	-4	42	39	13.5	14.1	1.1'x0.7'	175
NGC	1081	ERI	G	2	45	5.4	-15	35	15	13.3	13.5	1.5'x0.5'	22
NGC	1082	ERI	G	2	45	41.2	-8	10	48	14.0	15.5	0.9'x0.7'	90
NGC	1083	ERI	G	2	45	40.7	-15	21	26	14.4	14.6	1.6'x0.3'	17
NGC	1089	ERI	G	2	46	10.0	-15	4	25	13.5	14.5	0.9'x0.8'	15
NGC	1103	ERI	G	2	48	6.0	-13	57	34	12.9	13.6	2.1'x0.5'	40
NGC	1108	ERI	G	2	48	38.5	-7	57	2	13.9	15.9	0.8'x0.5'	79
NGC	1118	ERI	G	2	49	58.7	-12	9	50	13.2	13.5	2.1'x0.6'	94
NGC	1121	ERI	G	2	50	39.1	-1	44	3	12.9	13.9	1.0'x0.3'	15
NGC	1126	ERI	G	2	52	18.7	-1	17	47	14.6	15.4	0.9'x0.2'	139
NGC	1137	CET	G	2	54	2.7	2	57	43	12.4	13.2	2.1'x1.2'	20
NGC	1148	ERI	G	2	57	4.3	-7	41	8	14.9	13.5	1.3'x0.6'	63
NGC	1152	ERI	G	2	57	33.6	-7	45	35	13.5	15.5	1.4'x0.9'	25
NGC	1212	PER	G	3	9	42.3	40	53	35	14.6	-	0.5'x0.4'	105
NGC	1213	PER	G	3	9	17.3	38	38	57	14.4	15.0	1.7'x1.3'	60
NGC	1214	ERI	G	3	6	56.0	-9	32	39	14.0	15.0	1.3'x0.4'	46
NGC	1215	ERI	G	3	7	9.6	-9	35	34	14.1	15.0	1.8'x1.1'	60
NGC	1218	CET	G	3	8	26.1	4	6	41	12.6	13.8	1.2'x0.9'	155
NGC	1224	PER	G	3	11	13.5	41	21	48	14.0	14.7	1.4'x1.1'	2
NGC	1238	ERI	G	3	10	52.6	-10	44	51	13.3	13.4	1.6'x1.2'	110
NGC	1250	PER	G	3	15	21.0	41	21	20	12.9	12.8	2.2'x0.8'	155
NGC	1286	ERI	G	3	17	48.5	-7	36	59	13.9	14.6	0.9'x0.6'	153
NGC	1289	ERI	G	3	18	49.8	-1	58	23	12.6	13.5	1.8'x1.1'	100
NGC	1337	ERI	G	3	28	5.6	-8	23	18	11.9	12.5	5.7'x1.4'	145
NGC	1349	TAU	G	3	31	27.4	4	22	53	13.1	14.2	0.7'	0
NGC	1360	FOR	PN	3	33	14.6	-25	52	16	9.4	9.6	6.4'	0
NGC	1423	ERI	G	3	42	40.1	-6	22	54	14.1	14.8	0.9'x0.6'	25
NGC	1450	ERI	G	3	45	36.5	-9	14	5	14.1	15.2	0.8'x0.6'	40
NGC	1465	PER	G	3	53	31.9	32	29	34	13.7	14.7	1.8'x0.4'	170
NGC	1469	CAM	G	4	0	27.8	68	34	39	12.7	13.7	1.9'x0.8'	150
NGC	1485	CAM	G	4	5	3.4	70	59	48	12.6	13.4	2.1'x0.6'	19
NGC	1509	ERI	G	4	3	55.1	-11	10	43	13.7	14.5	0.9'x0.7'	50
NGC	1568	ERI	G	4	24	20.6	0	44	17	14.0	14.6	1.0'x0.7'	135
NGC	1577	ERI	G	4	26	20.5	-10	5	56	12.6	13.5	1.5'x1.3'	113
NGC	1594	ERI	G	4	30	51.5	-5	47	52	13.0	13.8	1.7'x1.2'	75
NGC	1604	ERI	G	4	31	58.5	-5	22	10	13.7	14.5	1.3'x0.8'	63
NGC	1614	ERI	G	4	33	59.8	-8	34	45	12.9	13.6	1.8'x1.1'	32
NGC	1627	ERI	G	4	37	37.9	-4	53	17	12.8	13.7	1.5'x1.4'	124
NGC	1628	ERI	G	4	37	36.1	-4	42	57	13.4	15.0	1.7'x0.4'	11
NGC	1648	ERI	G	4	44	34.7	-8	28	42	14.6	15.3	0.6'x0.5'	175
NGC	1666	ERI	G	4	48	32.8	-6	34	10	12.6	13.6	1.3'x1.0'	35

Swift Objects

Catalog	Obj. #	Con.	Type	RA hrs	RA min	RA sec	Dec dgs	Dec min	Dec sec	Vmag	MSmag	MS Size	MS P.A.
NGC	1753	ORI	G	5	2	32.2	-3	20	41	14.5	15.5	1.3'x0.5'	159
NGC	1797	ERI	G	5	7	44.9	-8	1	8	13.5	15.5	1.6'x1.0'	105
NGC	1799	ERI	G	5	7	44.5	-7	58	8	13.7	15.1	1.1'x0.6'	124
NGC	1819	ORI	G	5	11	46.0	5	12	3	12.5	13.4	1.6'x1.1'	120
NGC	2208	AUR	G	6	22	34.6	51	54	36	12.8	13.8	1.6'x1.0'	110
NGC	2237	MON	DN	6	30	54.6	5	2	52	9.0	-	80'x60'	0
NGC	2242	AUR	PN	6	34	7.4	44	46	40	15.0	15.1	0.4'	0
NGC	2246	MON	DN	6	32	33.7	5	7	42	-	-	80'x60'	0
NGC	2247	MON	DN	6	33	5.1	10	19	18	-	-	2.0'	0
NGC	2296	CMA	G	6	48	39.0	-16	54	4	-	-	1.6'x1.4'	160
NGC	2303	AUR	G	6	56	17.4	45	29	36	12.6	13.6	1.4'x1.3'	71
NGC	2344	LYN	G	7	12	28.6	47	10	2	12.0	12.8	2.2'x2.0'	142
NGC	2470	CMI	G	7	54	20.4	4	27	36	12.7	13.6	1.9'x0.5'	128
NGC	2491	CMI	G	7	58	27.3	7	59	4	14.8	15.9	0.4'x0.2'	77
NGC	2496	CMI	G	7	58	37.4	8	1	41	12.9	13.9	1.4'x1.1'	170
NGC	2544	CAM	G	8	21	40.3	73	59	18	12.9	13.8	1.1'x0.7'	70
NGC	2550	CAM	G	8	24	33.7	74	0	43	12.8	13.6	1.0'x0.3'	103
NGC	2561	HYA	G	8	19	36.7	4	39	24	13.2	14.1	1.1'x0.6'	138
NGC	2616	HYA	G	8	35	34.0	-1	51	3	12.5	13.5	1.5'x1.2'	145
NGC	2663	PYX	G	8	45	8.3	-33	47	42	10.6	11.9	3.4'x2.3'	110
NGC	2676	UMA	G	8	51	35.6	47	33	30	13.4	14.1	1.3'x1.3'	0
NGC	2690	HYA	G	8	52	38.0	-2	36	13	13.1	14.0	1.8'x0.4'	19
NGC	2706	HYA	G	8	56	12.3	-2	33	48	13.0	13.8	1.8'x0.5'	167
NGC	2851	HYA	G	9	20	30.3	-16	29	43	13.3	14.4	1.5'x0.4'	5
NGC	2881	HYA	G	9	25	54.7	-11	59	44	13.2	14.1	0.8'x0.6'	21
NGC	2892	UMA	G	9	32	52.8	67	37	3	13.1	14.1	1.4'	0
NGC	2900	HYA	G	9	30	15.0	4	8	37	13.0	13.7	1.7'x1.4'	130
NGC	2978	SEX	G	9	43	16.7	-9	44	46	12.8	13.5	1.0'x0.8'	102
NGC	3011	LEO	G	9	49	41.1	32	13	18	13.3	14.3	0.8'x0.7'	53
NGC	3026	LEO	G	9	50	54.8	28	33	5	12.9	13.5	2.7'x0.7'	82
NGC	3029	SEX	G	9	48	53.8	-8	3	4	14.0	14.5	1.4'x0.9'	130
NGC	3038	ANT	G	9	51	15.3	-32	45	13	11.6	12.4	2.5'x1.3'	130
NGC	3243	SEX	G	10	26	21.3	-2	37	20	12.7	13.6	1.4'x1.1'	125
NGC	3253	LEO	G	10	28	27.3	12	42	14	13.6	14.3	1.2'x1.1'	45
NGC	3282	HYA	G	10	32	21.8	-22	18	7	12.9	14.0	1.9'x0.5'	82
NGC	3292	SEX	G	10	35	34.4	-6	10	46	14.1	14.5	1.1'x0.8'	178
NGC	3306	LEO	G	10	37	10.1	12	39	9	13.4	14.0	1.3'x0.4'	137
NGC	3426	LEO	G	10	51	41.7	18	28	52	13.2	14.1	1.2'x0.9'	118
NGC	3443	LEO	G	10	53	0.1	17	34	26	13.1	13.7	2.5'x1.2'	141
NGC	3487	LEO	G	11	0	46.6	17	35	15	13.9	14.6	1.2'x0.6'	153
NGC	3522	LEO	G	11	6	40.4	20	5	10	13.1	14.1	1.2'x0.7'	117
NGC	3551	LEO	G	11	9	44.3	21	45	33	13.5	15.7	0.4'x0.3'	141
NGC	3555	LEO	G	11	9	50.2	21	48	38	14.7	13.8	1.8'x1.7'	31
NGC	3588	LEO	G	11	14	2.4	20	23	11	14.5	15.3	0.5'x0.5'	0
NGC	3633	LEO	G	11	20	26.2	3	35	8	13.5	14.4	1.5'x0.6'	72
NGC	3650	LEO	G	11	22	35.4	20	42	17	13.9	14.7	1.7'x0.3'	54
NGC	3908	LEO	G	11	49	52.6	12	11	11	15.0	-	0.4'x0.4'	0
NGC	4040	COM	G	12	2	5.4	17	49	26	13.3	14.3	1.9'x1.2'	145
NGC	4081	UMA	G	12	4	33.2	64	26	14	12.9	13.8	1.5'x0.5'	135
NGC	4155	COM	G	12	10	45.6	19	2	28	13.3	14.3	1.1'x1.0'	75
NGC	4279	VIR	G	12	20	24.9	-11	39	58	13.6	14.5	1.1'x0.6'	34
NGC	4285	VIR	G	12	20	39.8	-11	38	32	14.1	14.5	0.9'x0.5'	50
NGC	4446	COM	G	12	28	6.8	13	54	44	13.9	14.6	1.1'x0.8'	104

Swift Objects

Catalog	Obj. #	Con.	Type	RA hrs	RA min	RA sec	Dec dgs	Dec min	Dec sec	Vmag	MSmag	MS Size	MS P.A.
NGC	4447	COM	G	12	28	12.4	13	53	59	14.0	14.9	0.9'x0.5'	98
NGC	4640	VIR	G	12	42	57.8	12	17	12	13.5	14.4	1.4'x0.7'	67
NGC	4641	VIR	G	12	43	7.6	12	3	5	13.2	14.2	1.1'x0.9'	15
NGC	4935	COM	G	13	3	21.2	14	22	41	13.0	13.8	1.2'x0.9'	63
NGC	4948	VIR	G	13	4	55.8	-7	56	47	13.2	15.2	2.0'x0.6'	146
NGC	5083	CVN	G	13	19	3.1	39	35	22	14.2	14.9	1.2'x1.0'	130
NGC	5097	VIR	G	13	20	59.6	-12	28	18	14.6	16.5	0.5'x0.3'	45
NGC	5099	VIR	G	13	21	19.5	-13	2	30	14.3	15.6	0.6'	0
NGC	5105	VIR	G	13	21	49.0	-13	12	26	11.8	11.7	2.0'x1.6'	139
NGC	5115	VIR	G	13	23	0.4	13	57	4	13.7	14.4	1.3'x0.6'	93
NGC	5122	VIR	G	13	24	14.9	-10	39	16	13.4	13.8	2.4'x0.8'	23
NGC	5137	VIR	G	13	24	52.5	14	4	37	15.1	15.6	0.6'x0.3'	127
NGC	5205	UMA	G	13	30	3.1	62	30	45	12.3	13.2	3.2'x1.8'	147
NGC	5229	CVN	G	13	34	2.9	47	54	52	13.7	14.3	3.8'x0.5'	172
NGC	5241	VIR	G	13	36	39.9	-8	24	6	12.9	15.0	1.1'x0.4'	57
NGC	5260	HYA	G	13	40	19.8	-23	51	30	12.8	13.6	1.5'x1.3'	107
NGC	5304	CEN	G	13	50	1.4	-30	34	43	12.5	13.6	1.4'x0.9'	157
NGC	5314	UMI	G	13	46	11.1	70	20	23	13.9	14.7	0.9'x0.4'	87
NGC	5325	CVN	G	13	50	54.0	38	16	29	15.3	15.0	0.9'x0.7'	121
NGC	5330	HYA	G	13	52	59.2	-28	28	14	13.7	14.8	0.6'x0.6'	0
NGC	5332	BOO	G	13	52	7.9	16	58	11	13.0	13.9	0.8'x0.6'	46
NGC	5340	UMI	G	13	48	59.8	72	39	16	14.7	15.2	0.5'x0.5'	0
NGC	5344	UMI	G	13	50	12.0	73	57	12	14.5	15.4	0.9'x0.6'	100
NGC	5412	UMI	G	13	57	13.4	73	37	2	13.4	14.4	1.2'x0.9'	20
NGC	5415	UMI	G	13	56	56.8	70	45	18	14.4	15.0	0.9'x0.5'	138
NGC	5425	UMA	G	14	0	47.9	48	26	35	13.6	14.2	2.1'x0.6'	127
NGC	5439	CVN	G	14	1	57.5	46	18	41	13.9	14.7	1.6'x0.6'	9
NGC	5459	BOO	G	14	5	0.1	13	7	57	13.1	14.1	1.0'x0.9'	1
NGC	5479	UMI	G	14	5	57.3	65	41	28	14.0	15.1	0.8'x0.6'	36
NGC	5505	BOO	G	14	12	31.6	13	18	17	13.2	14.1	0.9'x0.6'	130
NGC	5528	BOO	G	14	16	19.8	8	17	35	13.9	14.9	1.6'x0.5'	19
NGC	5561	UMA	G	14	17	22.8	58	45	1	14.5	15.4	1.1'x0.4'	139
NGC	5583	BOO	G	14	21	40.5	13	13	56	13.5	14.4	0.8'x0.6'	80
NGC	5591	BOO	G	14	22	33.3	13	43	1	13.8	14.1	1.5'x0.8'	54
NGC	5624	BOO	G	14	26	35.4	51	35	5	13.2	14.1	1.1'x0.7'	3
NGC	5707	BOO	G	14	37	30.8	51	33	44	12.5	13.4	2.5'x0.4'	35
NGC	5720	BOO	G	14	38	33.2	50	48	55	13.4	14.2	2.1'x1.3'	140
NGC	5736	BOO	G	14	43	30.8	11	12	11	14.3	14.7	1.1'x0.7'	107
NGC	5758	BOO	G	14	47	2.1	13	40	4	13.5	14.5	1.2'x0.6'	80
NGC	5762	BOO	G	14	48	42.6	12	27	26	12.8	13.7	1.5'x1.2'	140
NGC	5763	BOO	G	14	48	58.7	12	29	26	14.4	15.3	0.4'x0.3'	59
NGC	5767	BOO	G	14	49	34.3	47	22	34	14.0	14.9	0.9'x0.6'	160
NGC	5778	BOO	G	14	54	31.4	18	38	34	13.8	14.8	1.4'x1.1'	10
NGC	5779	DRA	G	14	52	9.4	55	54	0	14.8	15.7	0.6'x0.4'	41
NGC	5780	BOO	G	14	54	22.6	28	56	24	14.1	15.0	0.8'x0.3'	134
NGC	5782	BOO	G	14	55	55.3	11	51	42	14.0	14.6	0.8'x0.8'	0
NGC	5783	BOO	G	14	53	28.3	52	4	36	12.8	13.5	2.9'x1.7'	176
NGC	5788	BOO	G	14	53	16.8	52	2	41	14.7	15.6	0.7'x0.5'	49
NGC	5795	BOO	G	14	56	19.0	49	23	55	13.9	14.8	1.9'x0.4'	66
NGC	5818	BOO	G	14	58	58.3	49	49	19	13.7	14.7	0.8'x0.8'	0
NGC	5828	BOO	G	15	0	45.9	49	59	36	13.6	14.3	0.7'x0.6'	46
NGC	5830	BOO	G	15	1	51.0	47	52	33	14.2	15.0	1.0'x0.7'	171
NGC	5835	BOO	G	15	2	25.3	48	52	41	14.4	15.3	1.2'x0.8'	158

Swift Objects

Catalog	Obj. #	Con.	Type	RA hrs	RA min	RA sec	Dec dgs	Dec min	Dec sec	Vmag	MSmag	MS Size	MS P.A.
NGC	5837	BOO	G	15	4	40.6	12	38	2	14.0	14.5	1.0'x0.6'	25
NGC	5855	VIR	G	15	7	48.9	3	59	5	14.5	15.4	0.5'x0.4'	53
NGC	5862	DRA	G	15	6	3.2	55	34	28	14.8	15.6	0.5'	0
NGC	5870	DRA	G	15	6	33.7	55	28	45	14.4	14.9	1.4'x0.9'	33
NGC	5874	BOO	G	15	7	51.9	54	45	10	12.5	13.1	2.3'x1.6'	47
NGC	5876	BOO	G	15	9	31.4	54	30	23	12.7	13.6	2.4'x1.1'	53
NGC	5919	SER	G	15	21	36.8	7	43	11	15.9	-	1.0'x0.6'	111
NGC	5920	SER	G	15	21	51.8	7	42	32	13.6	14.7	1.1'x0.8'	109
NGC	5926	SER	G	15	23	25.0	12	42	57	13.6	14.5	0.8'	0
NGC	5931	SER	G	15	29	29.6	7	34	23	14.0	15.0	0.9'x0.5'	40
NGC	5932	BOO	G	15	26	48.2	48	36	54	14.3	15.1	0.8'x0.8'	0
NGC	5933	BOO	G	15	27	1.5	48	36	50	14.8	15.7	0.5'x0.2'	40
NGC	5939	UMI	G	15	24	45.8	68	43	47	13.1	14.0	0.9'x0.4'	41
NGC	5940	SER	G	15	31	18.2	7	27	27	13.4	14.3	0.8'x0.7'	70
NGC	5941	SER	G	15	31	40.3	7	20	20	13.9	15.3	0.5'	0
NGC	5942	SER	G	15	31	36.8	7	18	44	14.4	15.8	0.4'	0
NGC	5944	SER	G	15	31	47.6	7	18	29	15.0	15.9	0.6'x0.3'	114
NGC	5969	DRA	G	15	34	50.9	56	27	5	14.4	15.4	0.5'x0.3'	174
NGC	5971	DRA	G	15	35	36.9	56	27	43	13.8	14.7	1.5'x0.5'	128
NGC	5988	SER	G	15	44	33.8	10	17	35	13.8	14.0	1.2'x0.9'	71
NGC	6019	DRA	G	15	52	9.1	64	50	27	14.7	15.7	-	0
NGC	6024	DRA	G	15	53	7.8	64	55	6	14.2	15.1	0.7'x0.6'	130
NGC	6034	HER	G	16	3	32.0	17	11	55	13.5	14.6	1.0'x0.6'	60
NGC	6043	HER	G	16	5	1.5	17	46	33	14.3	14.2	0.5'x0.5'	75
NGC	6044	HER	G	16	4	59.6	17	52	13	14.3	15.3	0.5'x0.5'	0
NGC	6045	HER	G	16	5	8.0	17	45	29	13.9	14.9	1.3'x0.3'	76
NGC	6047	HER	G	16	5	9.0	17	43	47	13.5	13.5	0.8'x0.8'	0
NGC	6050	HER	G	16	5	23.5	17	45	26	14.7	14.7	0.8'x0.6'	130
NGC	6054	HER	G	16	5	38.1	17	46	3	14.2	15.1	0.7'x0.5'	174
NGC	6055	HER	G	16	5	32.7	18	9	34	13.7	14.8	0.9'x0.5'	47
NGC	6056	HER	G	16	5	31.1	17	57	46	13.9	13.8	0.9'x0.5'	55
NGC	6057	HER	G	16	5	39.5	18	9	53	14.7	15.7	0.6'x0.6'	0
NGC	6061	HER	G	16	6	16.1	18	15	0	13.6	14.7	0.8'x0.8'	0
NGC	6065	SER	G	16	7	22.9	13	53	18	14.0	14.8	0.8'x0.7'	158
NGC	6066	SER	G	16	7	35.2	13	56	39	14.0	15.2	0.6'x0.6'	0
NGC	6080	SER	G	16	12	58.5	2	10	40	13.6	13.7	1.1'x0.9'	50
NGC	6084	HER	G	16	14	16.6	17	45	29	13.9	14.9	1.0'x0.5'	30
NGC	6090	DRA	G	16	11	40.7	52	27	28	13.7	13.9	2.4'x1.0'	33
NGC	6095	DRA	G	16	11	11.0	61	16	5	12.6	13.6	1.8'x1.5'	147
NGC	6100	SER	G	16	16	52.3	0	50	28	13.0	13.9	1.8'x1.1'	120
NGC	6111	DRA	G	16	14	22.7	63	15	41	14.0	15.2	0.7'x0.6'	12
NGC	6123	DRA	G	16	17	19.6	61	56	21	13.7	14.8	0.7'x0.2'	4
NGC	6127	DRA	G	16	19	11.2	57	59	5	12.0	13.0	1.4'	0
NGC	6135	DRA	G	16	14	24.9	64	59	0	14.2	14.9	1.0'x1.3'	45
NGC	6136	DRA	G	16	20	59.4	55	58	13	14.8	15.5	0.9'x0.5'	97
NGC	6149	HER	G	16	27	24.3	19	35	51	13.5	14.5	1.0'x0.7'	22
NGC	6157	DRA	G	16	25	48.3	55	21	40	14.5	15.5	0.5'x0.3'	18
NGC	6168	HER	G	16	31	21.3	20	11	6	14.2	14.8	1.5'x0.4'	111
NGC	6176	DRA	G	16	27	36.4	59	33	47	13.8	14.8	0.5'x0.4'	71
NGC	6189	DRA	G	16	31	40.7	59	37	36	12.7	13.4	1.9'x0.9'	27
NGC	6190	DRA	G	16	32	6.4	58	26	21	12.6	13.3	1.4'x1.3'	60
NGC	6198	DRA	G	16	35	30.6	57	29	14	13.6	14.6	0.9'x0.6'	86
NGC	6206	DRA	G	16	40	7.9	58	37	2	13.6	14.6	0.7'	0

Swift Objects

Catalog	Obj. #	Con.	Type	RA hrs	RA min	RA sec	Dec dgs	Dec min	Dec sec	Vmag	MSmag	MS Size	MS P.A.
NGC	6211	DRA	G	16	41	27.6	57	47	2	12.6	13.6	1.7'x1.2'	64
NGC	6213	DRA	G	16	41	37.3	57	48	54	14.7	15.7	0.7'x0.3'	55
NGC	6214	DRA	G	16	39	31.8	66	2	23	13.5	14.3	1.0'x0.8'	154
NGC	6220	OPH	G	16	47	13.2	0	16	30	13.7	14.5	1.6'x0.8'	135
NGC	6224	HER	G	16	48	18.5	6	18	44	13.5	14.5	0.9'	0
NGC	6225	HER	G	16	48	21.6	6	13	23	13.8	14.8	0.8'x0.5'	146
NGC	6230	HER	G	16	50	46.8	4	36	16	14.4	15.5	0.6'x0.4'	55
NGC	6232	DRA	G	16	43	19.9	70	37	57	12.5	13.4	1.6'	0
NGC	6236	DRA	G	16	44	34.3	70	46	48	11.9	12.6	2.9'x1.6'	15
NGC	6238	DRA	G	16	47	15.9	62	8	51	13.7	14.6	0.6'x0.4'	8
NGC	6244	DRA	G	16	48	3.9	62	12	2	13.5	14.4	1.5'x0.3'	6
NGC	6246	DRA	G	16	49	53.0	55	32	34	13.6	14.4	1.4'x0.5'	43
NGC	6248	DRA	G	16	46	22.3	70	21	22	13.1	13.7	3.1'x1.1'	150
NGC	6258	DRA	G	16	52	29.7	60	30	52	13.4	14.4	0.8'x0.6'	70
NGC	6260	DRA	G	16	51	50.3	63	42	53	13.9	14.8	0.8'x0.7'	130
NGC	6262	DRA	G	16	58	42.9	57	5	57	13.7	14.6	0.6'x0.4'	46
NGC	6275	DRA	G	16	55	33.6	63	14	34	14.3	15.2	0.4'x0.3'	126
NGC	6279	HER	G	16	59	1.3	47	14	16	13.6	14.6	1.1'x0.9'	10
NGC	6285	DRA	G	16	58	23.9	58	57	21	13.5	14.5	1.3'x0.9'	162
NGC	6286	DRA	G	16	58	31.6	58	56	15	13.3	14.1	1.5'x1.4'	108
NGC	6290	DRA	G	17	0	56.4	58	58	15	13.5	14.5	1.4'x0.9'	30
NGC	6291	DRA	G	17	0	56.0	58	56	16	14.0	14.8	0.6'x0.6'	0
NGC	6292	DRA	G	17	3	3.5	61	2	38	13.5	14.3	1.5'x0.7'	105
NGC	6295	DRA	G	17	3	15.3	60	20	16	14.8	15.8	0.9'x0.4'	68
NGC	6297	DRA	G	17	3	36.4	62	1	34	13.6	14.6	0.7'x0.5'	93
NGC	6303	DRA	G	17	5	2.8	68	49	40	13.7	14.7	1.2'x0.7'	60
NGC	6306	DRA	G	17	7	36.9	60	43	45	13.7	14.4	1.0'x0.2'	157
NGC	6313	HER	G	17	10	20.7	48	19	54	13.9	14.8	1.7'x0.6'	153
NGC	6317	DRA	G	17	8	59.3	62	53	53	15.1	16.0	1.2'x0.4'	45
NGC	6319	DRA	G	17	9	44.1	62	58	23	13.4	14.5	0.4'x0.4'	0
NGC	6339	HER	G	17	17	6.6	40	50	42	12.7	13.3	3.0'x1.7'	38
NGC	6343	HER	G	17	17	16.2	41	3	10	13.8	14.5	1.1'x1.1'	0
NGC	6345	DRA	G	17	15	23.9	57	21	2	14.4	15.4	1.2'x0.3'	33
NGC	6346	DRA	G	17	15	24.3	57	19	23	14.6	15.6	0.7'x0.5'	95
NGC	6358	DRA	G	17	18	52.8	52	36	57	14.0	15.1	0.9'x0.4'	104
NGC	6361	DRA	G	17	18	40.9	60	36	29	13.1	13.9	2.2'x0.6'	57
NGC	6365	DRA	G	17	22	43.5	62	10	24	14.2	14.8	1.1'x0.3'	41
NGC	6370	DRA	G	17	23	25.1	56	58	30	12.9	13.9	1.4'x1.4'	0
NGC	6373	DRA	G	17	24	8.0	58	59	43	13.6	14.3	1.7'x1.0'	76
NGC	6376	DRA	G	17	25	19.2	58	49	2	14.8	14.1	0.6'x0.4'	172
NGC	6377	DRA	G	17	25	23.0	58	49	22	14.9	15.5	0.8'x0.4'	68
NGC	6381	DRA	G	17	27	16.9	60	0	50	13.0	13.6	1.3'x0.9'	34
NGC	6385	DRA	G	17	28	1.5	57	31	19	13.1	14.0	1.3'x1.3'	0
NGC	6386	DRA	G	17	28	51.7	52	43	26	14.2	14.8	1.0'x1.0'	0
NGC	6387	DRA	G	17	28	23.9	57	32	45	15.7	15.2	0.6'x0.4'	95
NGC	6390	DRA	G	17	28	28.1	60	5	40	13.8	14.6	1.5'x0.3'	11
NGC	6391	DRA	G	17	28	49.0	58	51	3	14.5	15.0	0.9'x0.7'	96
NGC	6393	DRA	G	17	30	8.5	59	31	55	15.7	15.3	1.3'x0.3'	31
NGC	6394	DRA	G	17	30	21.3	59	38	24	14.5	16.0	0.4'x0.4'	0
NGC	6399	DRA	G	17	31	50.4	59	36	56	13.7	14.7	1.1'x0.6'	19
NGC	6409	DRA	G	17	36	35.3	50	45	59	13.8	14.8	0.5'x0.5'	0
NGC	6414	DRA	G	17	30	36.7	74	22	36	14.7	15.4	1.0'x0.5'	145
NGC	6419	DRA	G	17	36	5.6	68	9	21	14.8	15.5	1.6'x0.4'	128

Swift Objects

Catalog	Obj. #	Con.	Type	RA hrs	RA min	RA sec	Dec dgs	Dec min	Dec sec	Vmag	MSmag	MS Size	MS P.A.
NGC	6420	DRA	G	17	36	16.2	68	3	9	14.4	15.4	0.7'x0.4'	54
NGC	6422	DRA	G	17	36	29.8	68	3	30	14.8	15.1	1.3'x1.1'	36
NGC	6423	DRA	G	17	36	53.2	68	10	16	14.7	15.8	0.7'x0.7'	0
NGC	6424	DRA	G	17	36	12.0	69	59	22	14.1	14.4	0.8'x0.8'	0
NGC	6435	DRA	G	17	40	11.1	62	38	31	13.9	14.7	1.1'x0.6'	5
NGC	6436	DRA	G	17	41	13.2	60	26	59	14.0	14.7	1.3'x0.7'	174
NGC	6443	HER	G	17	44	33.7	48	6	52	13.8	14.7	1.2'x0.5'	121
NGC	6449	DRA	G	17	43	46.6	56	48	15	13.8	14.5	1.0'x0.7'	135
NGC	6454	DRA	G	17	44	56.5	55	42	16	13.6	14.5	0.9'x0.7'	166
NGC	6456	DRA	G	17	42	31.7	67	35	32	14.8	15.4	0.6'x0.3'	114
NGC	6459	DRA	G	17	45	47.1	55	46	37	14.7	15.3	0.8'x0.4'	75
NGC	6461	DRA	G	17	39	56.6	74	2	2	15.1	15.7	0.5'x0.3'	168
NGC	6462	DRA	G	17	44	48.7	61	54	38	13.9	14.9	0.4'x0.3'	60
NGC	6463	DRA	G	17	43	34.2	67	36	15	14.1	15.1	0.8'x0.7'	168
NGC	6464	DRA	G	17	45	47.6	60	53	51	14.8	15.3	0.6'x0.5'	36
NGC	6466	DRA	G	17	48	8.0	51	23	58	14.1	15.0	0.6'x0.3'	121
NGC	6470	DRA	G	17	44	14.7	67	37	9	14.2	15.0	1.4'x0.7'	166
NGC	6471	DRA	G	17	44	12.6	67	35	34	14.7	15.4	1.5'x0.2'	167
NGC	6472	DRA	G	17	44	3.0	67	37	49	15.0	-	0.6'x0.3'	30
NGC	6474	DRA	G	17	47	5.5	57	18	5	14.5	15.0	0.9'x0.5'	62
NGC	6477	DRA	G	17	44	29.7	67	36	39	15.3	-	0.4'x0.3'	126
NGC	6478	DRA	G	17	48	38.3	51	9	24	13.4	14.0	1.9'x0.7'	32
NGC	6479	DRA	G	17	48	21.7	54	8	59	13.7	14.4	1.0'x0.9'	143
NGC	6488	DRA	G	17	49	20.8	62	13	24	14.5	14.8	0.7'x0.5'	57
NGC	6489	DRA	G	17	50	1.3	60	5	33	15.3	15.2	0.6'x0.4'	30
NGC	6491	DRA	G	17	50	0.6	61	31	55	13.6	14.5	1.2'x0.5'	39
NGC	6493	DRA	G	17	50	22.5	61	33	34	14.4	15.1	1.1'x1.0'	25
NGC	6497	DRA	G	17	51	17.8	59	28	16	13.5	14.3	1.4'x0.6'	112
NGC	6505	DRA	G	17	51	7.3	65	31	53	14.4	15.0	1.1'x1.0'	0
NGC	6510	DRA	G	17	54	39.2	60	49	2	13.7	14.4	1.0'x0.6'	174
NGC	6515	DRA	G	17	57	25.3	50	43	39	13.0	14.0	1.5'x0.9'	10
NGC	6524	HER	G	17	59	14.8	45	53	17	12.8	13.8	1.3'x0.9'	155
NGC	6534	DRA	G	17	56	8.7	64	17	4	14.7	15.4	0.8'x0.4'	42
NGC	6538	DRA	G	17	54	17.1	73	25	27	13.3	14.3	1.0'x0.5'	48
NGC	6542	DRA	G	17	59	39.0	61	21	32	13.3	14.2	1.2'x0.3'	101
NGC	6560	HER	G	18	5	13.8	46	52	54	13.6	14.2	1.2'x0.7'	55
NGC	6562	DRA	G	18	5	0.8	56	15	49	13.9	14.7	0.7'x0.7'	0
NGC	6582	HER	G	18	11	1.8	49	54	41	13.9	15.3	0.7'x0.7'	0
NGC	6592	DRA	G	18	9	50.6	61	25	21	14.4	15.4	0.7'x0.6'	147
NGC	6594	DRA	G	18	10	5.6	61	8	1	14.5	15.2	1.0'x0.6'	88
NGC	6597	DRA	G	18	11	13.4	61	10	52	14.8	15.7	0.8'x0.4'	99
NGC	6598	DRA	G	18	8	55.7	69	4	7	13.3	14.0	1.5'x1.1'	31
NGC	6601	DRA	G	18	11	44.2	61	27	11	14.7	15.6	0.7'x0.3'	46
NGC	6607	DRA	G	18	12	14.9	61	20	0	15.3	15.6	0.7'x0.6'	149
NGC	6608	DRA	G	18	12	29.2	61	17	55	15.1	16.0	1.0'x0.1'	46
NGC	6609	DRA	G	18	12	33.6	61	19	56	14.5	15.3	0.7'x0.7'	0
NGC	6612	LYR	G	18	16	10.9	36	4	45	14.2	15.5	0.7'x0.7'	0
NGC	6616	HER	G	18	17	41.0	22	14	16	13.8	14.7	1.4'x0.5'	54
NGC	6617	DRA	G	18	14	2.9	61	19	10	14.6	15.2	1.5'x1.0'	84
NGC	6622	DRA	G	18	12	59.9	68	21	15	15.0	16.3	0.5'x0.4'	79
NGC	6636	DRA	G	18	22	2.6	66	37	3	13.7	14.2	2.1'x0.3'	2
NGC	6650	DRA	G	18	25	27.9	68	0	23	13.9	14.7	0.9'x0.6'	33
NGC	6651	DRA	G	18	24	19.7	71	36	8	13.1	13.8	1.6'x0.7'	30

Swift Objects

Catalog	Obj. #	Con.	Type	RA hrs	RA min	RA sec	Dec dgs	Dec min	Dec sec	Vmag	MSmag	MS Size	MS P.A.
NGC	6654	DRA	G	18	24	7.6	73	10	58	12.0	13.0	2.6'x2.0'	2
NGC	6667	DRA	G	18	30	39.7	67	59	12	12.7	13.6	2.3'x1.0'	99
NGC	6670	DRA	G	18	33	33.4	59	53	16	14.3	15.1	0.9'x0.4'	114
NGC	6676	DRA	G	18	33	9.6	66	57	36	14.4	15.2	1.6'x0.2'	136
NGC	6677	DRA	G	18	33	30.4	67	8	13	13.1	14.3	0.9'x0.3'	103
NGC	6679	DRA	G	18	33	35.7	67	6	36	13.3	13.6	0.4'x0.3'	99
NGC	6687	DRA	G	18	37	22.0	59	38	35	14.0	14.6	1.3'x1.2'	65
NGC	6691	DRA	G	18	39	12.0	55	38	30	12.9	13.6	1.5'x1.3'	117
NGC	6696	DRA	G	18	40	5.0	59	20	0	15.1	16.0	0.8'x0.2'	178
NGC	6701	DRA	G	18	43	12.6	60	39	11	12.1	13.0	1.5'x1.2'	169
NGC	6711	DRA	G	18	49	0.9	47	39	27	12.9	13.7	1.3'x1.2'	120
NGC	6732	DRA	G	18	56	24.1	52	22	39	13.8	14.3	1.1'x0.6'	104
NGC	6747	DRA	G	18	55	21.5	72	46	20	14.1	15.0	1.2'x0.6'	138
NGC	6750	DRA	G	19	0	36.0	59	10	2	13.1	13.8	1.0'x0.6'	5
NGC	6757	DRA	G	19	5	6.1	55	43	3	13.0	13.9	1.4'x1.0'	70
NGC	6762	DRA	G	19	5	37.0	63	56	3	13.4	14.4	1.4'x0.3'	119
NGC	6764	CYG	G	19	8	16.6	50	55	59	11.9	12.6	2.3'x1.5'	68
NGC	6786	DRA	G	19	10	53.8	73	24	39	12.9	13.8	1.1'x0.9'	40
NGC	6787	DRA	G	19	16	10.5	60	25	3	13.9	14.7	1.2'x0.9'	42
NGC	6789	DRA	G	19	16	41.7	63	58	19	13.2	13.8	1.5'x1.2'	145
NGC	6796	DRA	G	19	21	31.0	61	8	42	12.6	13.5	1.9'x0.5'	1
NGC	6798	CYG	G	19	24	3.1	53	37	27	13.2	14.2	1.5'x0.8'	150
NGC	6801	CYG	G	19	27	35.9	54	22	21	13.9	14.6	1.3'x0.6'	44
NGC	6817	DRA	G	19	37	23.5	62	23	2	14.9	15.6	0.8'x0.6'	76
NGC	6829	DRA	G	19	47	7.5	59	54	26	14.1	14.9	1.6'x0.3'	31
NGC	6831	DRA	G	19	47	57.2	59	53	35	13.3	14.3	1.2'x1.2'	0
NGC	6869	DRA	G	20	0	42.3	66	13	41	12.0	13.1	1.5'x1.2'	100
NGC	6911	DRA	G	20	19	38.3	66	43	44	14.3	15.1	1.7'x1.1'	118
NGC	6916	CYG	G	20	23	33.1	58	20	39	13.5	14.3	1.7'x1.0'	71
NGC	6949	CEP	G	20	35	7.0	64	48	12	13.8	14.5	1.3'x1.1'	95
NGC	7066	PEG	G	21	26	13.7	14	10	59	14.2	14.8	0.9'	0
NGC	7094	PEG	PN	21	36	53.0	12	47	22	13.4	13.6	1.6'	0
NGC	7132	PEG	G	21	47	16.4	10	14	29	14.2	14.5	1.1'x0.7'	139
NGC	7159	PEG	G	21	56	25.6	13	33	47	14.3	15.2	0.4'x0.4'	0
NGC	7194	PEG	G	22	3	30.9	12	38	13	13.1	14.1	1.1'x0.8'	43
NGC	7195	PEG	G	22	3	30.2	12	39	41	14.7	15.7	0.4'x0.3'	53
NGC	7212	PEG	G	22	7	2.2	10	14	5	13.9	14.8	1.2'x0.6'	38
NGC	7305	PEG	G	22	32	13.9	11	42	46	14.1	15.0	0.8'x0.8'	0
NGC	7362	PEG	G	22	43	49.2	8	42	21	12.6	13.8	1.1'x1.1'	0
NGC	7399	AQR	G	22	52	39.3	-9	16	3	13.7	14.5	0.9'x0.4'	150
NGC	7413	PEG	G	22	55	3.0	13	13	16	14.1	15.1	0.6'x0.3'	65
NGC	7414	PEG	G	22	55	24.3	13	14	56	16.0	-	0.5'x0.1'	167
NGC	7437	PEG	G	22	58	10.1	14	18	31	13.3	13.9	1.8'	0
NGC	7452	PSC	G	23	0	47.5	6	44	45	15.5	17.3	0.4'x0.2'	29
NGC	7455	PSC	G	23	0	40.9	7	18	12	14.4	15.2	0.4'x0.3'	135
NGC	7459	PSC	G	23	0	59.6	6	44	58	15.2	14.0	1.8'x0.9'	51
NGC	7495	PEG	G	23	8	57.4	12	2	53	13.1	13.7	1.8'x1.6'	149
NGC	7500	PEG	G	23	10	29.7	11	0	46	13.3	14.3	2.1'x1.1'	125
NGC	7505	PEG	G	23	11	0.7	13	37	53	14.7	15.6	0.6'x0.2'	116
NGC	7509	PEG	G	23	12	21.3	14	36	35	13.4	14.7	1.1'x1.1'	0
NGC	7511	PEG	G	23	12	26.3	13	43	37	13.9	14.8	1.0'x0.5'	127
NGC	7535	PEG	G	23	14	12.8	13	34	56	13.7	14.2	1.8'x1.6'	44
NGC	7536	PEG	G	23	14	13.1	13	25	36	13.4	14.1	2.5'x0.8'	56

Swift Objects

Catalog	Obj. #	Con.	Type	RA hrs	RA min	RA sec	Dec dgs	Dec min	Dec sec	Vmag	MSmag	MS Size	MS P.A.
NGC	7569	PEG	G	23	16	44.5	8	54	24	13.3	14.4	1.2'x0.8'	92
NGC	7580	PEG	G	23	17	36.6	14	0	5	13.7	14.3	0.8'x0.6'	45
NGC	7649	PEG	G	23	24	20.1	14	38	49	14.0	15.0	1.3'x0.9'	75
NGC	7651	PEG	G	23	24	25.6	13	58	2	14.7	13.5	0.8'x0.6'	115
NGC	7709	AGR	G	23	35	27.2	-16	42	20	12.6	13.5	2.3'x0.6'	53
NGC	7726	PEG	G	23	39	11.9	27	6	54	14.2	15.0	2.0'x0.8'	64
NGC	7746	PSC	G	23	45	19.9	-1	41	4	13.1	14.1	1.3'x1.0'	160
NGC	7774	PEG	G	23	52	10.6	11	28	13	13.2	14.1	1.2'x1.1'	0
NGC	7803	PEG	G	0	1	20.0	13	6	41	13.1	14.1	1.2'x0.7'	77
NGC	7818	PSC	G	0	4	9.0	7	22	45	14.0	14.7	1.0'	0
NGC	7831	AND	G	0	7	19.3	32	36	33	12.8	13.6	1.8'x0.6'	39
NGC	7836	AND	G	0	8	1.6	33	4	17	13.7	14.4	1.0'x0.7'	136
IC	10	CAS	G	0	20	24.5	59	17	33	10.4	11.8	6.3'x5.1'	136
IC	49	CET	G	0	43	56.2	1	51	2	13.7	14.2	1.5'x1.2'	112
IC	53	PSC	G	0	50	40.7	10	36	3	13.9	14.9	1.1'x1.0'	94
IC	65	AND	G	1	0	55.3	47	40	54	12.9	13.6	3.9'x1.1'	155
IC	81	CET	G	1	9	22.4	-1	41	42	13.8	14.7	1.0'x0.9'	134
IC	93	CET	G	1	19	2.2	-17	3	40	13.2	12.5	1.3'x0.7'	168
IC	107	PSC	G	1	25	24.7	14	51	53	12.9	13.8	1.4'	0
IC	148	PSC	G	1	42	26.9	13	58	36	12.8	13.4	4.4'x1.0'	52
IC	152	PSC	G	1	44	1.2	13	4	28	14.9	15.7	0.5'x0.3'	130
IC	153	PSC	G	1	48	33.1	12	36	50	13.1	14.0	0.9'x0.7'	136
IC	157	PSC	G	1	49	11.6	12	51	12	14.1	14.9	1.4'x0.4'	108
IC	161	PSC	G	1	48	43.8	10	30	30	13.8	14.7	0.7'x0.5'	65
IC	162	PSC	G	1	48	53.4	10	31	20	12.7	13.7	1.6'	0
IC	164	CET	G	1	49	8.4	-3	54	16	13.1	13.5	1.4'x1.1'	5
IC	179	AND	G	2	0	11.5	38	1	17	12.6	13.6	1.8'x1.4'	107
IC	193	ARI	G	2	2	31.0	11	5	35	13.4	14.1	1.7'x1.4'	158
IC	195	ARI	G	2	3	44.6	14	42	33	13.0	14.0	1.5'x0.8'	130
IC	196	ARI	G	2	3	49.7	14	44	21	12.9	13.6	2.7'x1.3'	5
IC	232	CET	G	2	31	11.5	1	15	58	12.7	13.7	1.7'x1.2'	155
IC	238	ARI	G	2	35	22.7	12	50	18	12.8	13.8	2.1'x1.1'	37
IC	246	CET	G	2	40	28.5	2	28	45	14.3	15.3	0.8'x0.7'	64
IC	256	PER	G	2	49	40.3	46	57	16	16.9	17.9	0.4'x0.3'	27
IC	260	PER	G	2	51	0.9	46	57	18	13.2	14.1	1.4'x0.9'	160
IC	265	PER	G	2	54	43.9	41	39	21	14.6	15.7	0.7'	0
IC	266	PER	G	2	55	4.7	42	15	50	14.8	15.7	0.5'x0.3'	128
IC	267	ARI	G	2	53	50.1	12	50	57	13.0	12.9	2.1'x1.6'	158
IC	275	PER	G	3	0	58.6	44	21	2	15.6	17.3	0.4'x0.4'	0
IC	288	PER	G	3	7	32.8	42	23	16	14.2	14.8	1.3'x0.6'	46
IC	289	CAS	PN	3	10	19.2	61	19	3	13.2	12.3	0.8'	0
IC	294	PER	G	3	11	3.1	40	37	18	13.9	14.9	1.3'x0.9'	84
IC	300	PER	G	3	14	15.8	42	24	54	15.0	16.0	0.5'x0.5'	0
IC	301	PER	G	3	14	47.7	42	13	23	13.2	14.2	1.2'x1.2'	0
IC	308	PER	G	3	16	15.9	41	10	53	14.2	15.4	0.8'	0
IC	309	PER	G	3	16	6.2	40	48	17	13.5	14.5	0.9'x0.9'	0
IC	311	PER	G	3	16	46.8	40	0	15	14.1	15.0	1.1'x0.9'	116
IC	313	PER	G	3	20	57.9	41	53	39	14.1	15.1	0.8'x0.6'	42
IC	316	PER	G	3	21	19.9	41	55	55	14.2	14.9	1.2'x0.7'	76
IC	320	PER	G	3	25	59.2	40	47	21	13.7	14.6	1.2'x1.0'	123
IC	335	FOR	G	3	35	31.2	-34	26	48	12.1	12.9	2.5'x0.6'	84
IC	337	ERI	G	3	36	21.3	-6	42	54	14.9	15.5	1.5'x0.9'	165
IC	347	ERI	G	3	42	32.5	-4	17	55	13.0	13.5	1.2'x0.9'	136

Swift Objects

Catalog	Obj. #	Con.	Type	RA hrs	RA min	RA sec	Dec dgs	Dec min	Dec sec	Vmag	MSmag	MS Size	MS P.A.
IC	359	TAU	G	4	12	28.4	27	42	11	13.9	14.9	1.0'	0
IC	395	ORI	G	4	49	33.8	0	15	12	12.9	13.9	1.1'x0.8'	130
IC	411	LEP	G	5	20	18.5	-25	19	28	13.0	14.1	1.2'x0.7'	135
IC	438	LEP	G	5	53	0.0	-17	52	33	11.9	12.7	2.8'x2.1'	55
IC	445	CAM	G	6	37	21.0	67	51	36	13.2	14.2	1.2'x0.9'	26
IC	449	CAM	G	6	45	40.8	71	20	37	12.5	13.5	1.7'x1.3'	68
IC	456	CMA	G	7	0	17.4	-30	9	47	11.9	12.9	2.1'x1.7'	99
IC	471	LYN	G	7	43	36.4	49	40	5	13.3	14.3	0.6'x0.5'	48
IC	472	LYN	G	7	43	50.2	49	36	48	13.4	14.2	1.6'x1.0'	167
IC	504	HYA	G	8	22	41.2	4	15	43	13.0	14.0	1.2'x0.8'	140
IC	505	HYA	G	8	23	21.6	4	22	23	14.0	14.7	1.1'x0.5'	143
IC	506	HYA	G	8	23	30.7	4	18	1	13.7	14.7	0.6'x0.6'	0
IC	511	CAM	G	8	40	50.2	73	29	12	13.5	14.4	1.6'x0.5'	134
IC	520	CAM	G	8	53	42.1	73	29	27	11.7	12.6	1.9'x1.5'	0
IC	522	UMA	G	8	54	34.8	57	10	0	13.0	14.0	1.0'x0.8'	145
IC	527	LYN	G	9	9	41.8	37	36	7	13.3	14.2	2.2'x1.8'	66
IC	579	HYA	G	9	56	39.4	-13	46	28	13.9	14.5	1.2'x0.4'	132
IC	598	UMA	G	10	12	48.5	43	8	44	13.0	13.9	1.4'x0.4'	8
IC	607	LEO	G	10	24	8.5	16	44	30	13.2	14.0	1.7'x1.3'	105
IC	619	LEO	G	10	33	50.0	12	52	42	13.9	14.8	1.0'x0.7'	54
IC	639	LEO	G	10	45	52.0	16	55	46	14.0	15.0	0.9'x0.2'	179
IC	642	LEO	G	10	48	7.9	18	11	19	12.6	13.6	1.4'x1.2'	38
IC	646	UMA	G	10	51	35.1	55	27	59	14.6	15.3	1.2'x0.6'	146
IC	685	LEO	G	11	22	6.5	17	45	15	15.2	-	0.4'x0.3'	167
IC	687	UMA	G	11	24	17.3	47	50	53	14.3	14.9	0.8'x0.8'	0
IC	691	UMA	G	11	26	44.0	59	9	20	13.9	14.5	0.8'x0.5'	139
IC	701	LEO	G	11	31	0.6	20	28	11	14.7	15.1	1.4'x0.7'	44
IC	705	UMA	G	11	32	56.3	50	14	32	14.5	14.8	0.8'x0.5'	33
IC	708	UMA	G	11	33	59.1	49	3	44	13.0	14.0	1.1'x1.1'	0
IC	709	UMA	G	11	34	14.5	49	2	37	13.9	14.9	0.6'x0.6'	0
IC	711	UMA	G	11	34	46.5	48	57	22	14.1	15.1	0.5'x0.5'	0
IC	712	UMA	G	11	34	49.1	49	4	40	13.8	14.7	1.4'x1.0'	86
IC	731	UMA	G	11	45	18.1	49	34	13	15.1	15.7	0.5'x0.3'	73
IC	742	LEO	G	11	51	2.2	20	47	59	13.9	14.7	1.1'x1.0'	131
IC	758	UMA	G	12	4	11.9	62	30	20	13.3	14.0	1.9'x1.8'	8
IC	783	COM	G	12	21	38.8	15	44	41	13.8	14.6	1.3'x1.1'	140
IC	784	VIR	G	12	22	30.0	-4	39	10	13.1	13.8	1.8'x0.6'	109
IC	787	COM	G	12	25	25.2	16	7	25	14.2	15.2	1.3'x0.4'	178
IC	801	CVN	G	12	33	44.8	52	15	17	13.7	14.5	1.2'x0.9'	55
IC	804	VIR	G	12	41	15.8	-5	0	33	13.6	-	0.7'x0.4'	51
IC	809	VIR	G	12	42	8.7	11	45	15	13.2	14.5	0.9'	0
IC	810	VIR	G	12	42	8.8	12	35	48	13.4	14.4	1.6'x0.5'	166
IC	816	VIR	G	12	46	46.2	9	51	4	14.0	14.9	0.9'x0.6'	35
IC	817	VIR	G	12	46	56.7	9	51	28	13.9	15.2	0.6'x0.5'	123
IC	825	VIR	G	12	50	19.1	-5	21	47	14.7	15.5	0.4'x0.3'	66
IC	830	UMA	G	12	51	16.4	53	41	45	13.6	14.5	0.9'x0.5'	165
IC	833	VIR	G	12	56	38.2	-6	44	0	14.5	15.5	0.3'x0.2'	94
IC	836	DRA	G	12	55	54.1	63	36	42	13.7	14.7	1.3'x0.2'	76
IC	845	VIR	G	13	4	57.5	12	4	43	14.7	15.5	0.5'x0.4'	126
IC	852	UMA	G	13	7	36.7	60	9	28	13.6	14.6	1.1'x0.8'	20
IC	866	COM	G	13	17	16.7	20	41	29	14.7	15.5	1.1'x0.3'	32
IC	867	COM	G	13	17	19.7	20	38	15	13.9	14.6	1.4'x0.9'	30
IC	868	COM	G	13	17	28.5	20	36	44	14.6	15.4	0.6'x0.5'	21

Swift Objects

Catalog	Obj. #	Con.	Type	RA hrs	RA min	RA sec	Dec dgs	Dec min	Dec sec	Vmag	MSmag	MS Size	MS P.A.
IC	870	COM	G	13	17	30.7	20	35	59	14.7	15.4	0.8'x0.5'	55
IC	872	VIR	G	13	18	18.6	6	20	10	14.4	15.2	0.9'x0.2'	140
IC	875	UMA	G	13	17	7.5	57	32	24	12.8	13.8	1.5'x1.0'	147
IC	885	COM	G	13	22	31.0	21	19	0	13.5	14.8	0.9'x0.9'	0
IC	902	UMA	G	13	36	1.2	49	57	38	13.7	14.5	2.3'x0.5'	163
IC	907	UMA	G	13	39	22.7	51	3	5	14.3	15.3	1.2'x0.2'	20
IC	942	UMA	G	13	47	41.1	56	37	19	14.1	15.3	1.5'x1.2'	78
IC	945	UMI	G	13	47	7.5	72	4	12	14.2	15.7	0.5'x0.3'	30
IC	948	BOO	G	13	52	26.6	14	5	28	13.2	14.1	1.2'x0.6'	145
IC	951	UMA	G	13	51	47.2	50	58	40	13.6	14.2	1.4'x1.4'	0
IC	954	UMI	G	13	49	56.3	71	9	53	13.7	14.5	1.1'x0.5'	79
IC	959	BOO	G	13	56	3.3	13	30	23	12.9	13.8	1.6'x0.9'	4
IC	962	BOO	G	13	57	13.2	12	1	17	13.3	14.2'	0.7'x0.5'	101
IC	976	VIR	G	14	8	43.3	-1	9	44	13.0	14.0	1.4'x0.6'	172
IC	979	BOO	G	14	9	32.3	14	49	54	13.6	14.5	1.0'x0.6'	172
IC	995	UMA	G	14	16	31.2	57	48	36	14.0	14.7	1.7'x0.4'	145
IC	996	UMA	G	14	17	21.8	57	37	48	14.0	14.8	1.3'x0.2'	155
IC	997	VIR	G	14	19	25.1	-4	29	24	14.2	15.1	1.3'x0.5'	23
IC	998	VIR	G	14	19	59.2	-4	27	8	14.2	14.5	1.4'x0.9'	19
IC	1027	BOO	G	14	29	48.4	53	57	56	14.5	15.2	0.9'x0.8'	170
IC	1031	BOO	G	14	34	23.9	48	2	17	14.8	15.4	0.6'x0.4'	54
IC	1032	BOO	G	14	34	39.1	47	58	7	14.7	15.6	0.5'x0.4'	84
IC	1033	BOO	G	14	34	41.8	47	56	16	14.2	15.3	0.6'x0.6'	0
IC	1046	UMI	G	14	37	53.2	69	0	52	14.5	14.8	0.8'x0.4'	88
IC	1049	DRA	G	14	39	33.0	62	0	11	13.8	14.7	0.9'x0.7'	65
IC	1056	BOO	G	14	45	48.8	50	23	36	13.3	14.1	1.8'x1.2'	20
IC	1065	DRA	G	14	49	21.3	63	16	15	13.6	14.4	1.0'x0.7'	78
IC	1069	BOO	G	14	50	46.4	54	24	42	13.8	14.8	1.2'x0.7'	45
IC	1071	VIR	G	14	54	12.4	4	45	2	13.2	14.2	1.0'x0.7'	150
IC	1074	BOO	G	14	51	57.2	51	15	54	14.3	15.1	1.1'x0.4'	120
IC	1075	BOO	G	14	54	49.2	18	6	21	13.8	14.6	1.2'x0.6'	156
IC	1076	BOO	G	14	54	59.4	18	2	15	13.7	14.2	0.9'x0.5'	5
IC	1083	UMI	G	14	55	33.5	68	24	31	14.5	15.3	0.7'x0.3'	0
IC	1095	BOO	G	15	8	35.0	13	40	13	14.4	15.2	0.6'x0.5'	79
IC	1102	VIR	G	15	11	4.9	4	17	38	14.0	14.8	1.0'x0.5'	15
IC	1105	SER	G	15	13	13.8	4	17	17	13.9	14.8	0.8'x0.4'	103
IC	1109	SER	G	15	17	3.9	5	15	24	14.2	15.5	0.5'x0.5'	0
IC	1110	UMI	G	15	12	5.3	67	21	44	14.0	14.9	1.3'x0.3'	77
IC	1124	SER	G	15	30	0.9	23	38	18	14.0	14.9	0.9'x0.3'	80
IC	1128	SER	G	15	37	52.8	-1	44	5	13.6	14.6	1.1'x0.8'	0
IC	1137	SER	G	15	48	32.6	8	35	17	14.5	14.7	0.9'x0.8'	115
IC	1139	UMI	G	15	29	26.0	82	35	4	14.9	15.6	0.7'x0.2'	64
IC	1141	SER	G	15	49	47.0	12	23	57	13.9	14.8	0.5'x0.4'	65
IC	1143	UMI	G	15	30	55.8	82	27	23	13.2	14.2	1.5'x1.5'	0
IC	1144	HER	G	15	51	21.6	43	25	6	13.5	14.5	0.7'x0.5'	100
IC	1146	DRA	G	15	48	22.0	69	23	10	13.8	14.7	0.9'x0.7'	104
IC	1147	DRA	G	15	50	11.5	69	33	36	14.6	15.6	0.5'x0.5'	135
IC	1152	HER	G	15	56	43.2	48	5	41	13.1	14.1	1.2'	0
IC	1153	HER	G	15	57	3.1	48	10	7	12.6	13.6	1.2'x1.0'	145
IC	1154	UMI	G	15	52	28.5	70	22	32	13.3	14.3	1.8'x1.2'	145
IC	1156	HER	G	16	0	37.3	19	43	26	13.4	14.5	1.0'x0.8'	159
IC	1169	SER	G	16	4	13.4	13	44	39	13.3	14.2	1.0'x0.6'	10
IC	1178	HER	G	16	5	33.0	17	36	7	14.1	14.1	1.6'x0.8'	23

Swift Objects

Catalog	Obj. #	Con.	Type	RA hrs	RA min	RA sec	Dec dgs	Dec min	Dec sec	Vmag	MSmag	MS Size	MS P.A.
IC	1181	HER	G	16	5	33.9	17	35	37	14.8	15.2	1.0'x0.5'	36
IC	1189	HER	G	16	6	14.6	18	10	57	14.5	14.5	0.6'x0.4'	168
IC	1190	HER	G	16	5	52.4	18	13	14	14.7	15.6	1.5'x0.4'	116
IC	1191	HER	G	16	6	28.9	18	16	8	15.5	-	0.5'x0.1'	166
IC	1196	SER	G	16	7	58.4	10	46	48	13.7	14.6	1.1'x0.5'	12
IC	1199	SER	G	16	10	34.4	10	2	24	13.6	14.5	1.3'x0.4'	157
IC	1201	DRA	G	16	5	41.5	69	35	38	15.0	15.5	1.2'x0.2'	118
IC	1205	HER	G	16	14	15.8	9	32	15	13.7	14.8	0.4'x0.4'	0
IC	1206	HER	G	16	15	13.0	11	17	50	13.6	14.5	1.3'x0.8'	167
IC	1210	DRA	G	16	14	30.0	62	32	10	13.1	14.0	1.5'x0.4'	168
IC	1211	DRA	G	16	16	51.9	53	0	22	12.7	13.7	1.0'x0.9'	65
IC	1212	DRA	G	16	15	30.7	64	13	31	14.6	15.1	0.7'x0.6'	0
IC	1214	DRA	G	16	16	11.4	65	58	7	14.0	15.0	0.8'x0.3'	18
IC	1215	DRA	G	16	15	35.0	68	23	50	13.2	14.1	1.1'x0.6'	175
IC	1216	DRA	G	16	15	55.3	68	20	58	14.1	14.8	0.9'x0.8'	32
IC	1218	DRA	G	16	16	37.3	68	12	11	13.6	14.5	1.0'x0.3'	59
IC	1221	HER	G	16	34	41.5	46	23	30	13.8	14.4	1.3'x1.1'	0
IC	1222	HER	G	16	35	9.0	46	12	49	13.5	14.2	1.6'x1.2'	50
IC	1223	HER	G	16	35	42.4	49	13	16	14.4	15.3	0.9'x0.7'	27
IC	1225	DRA	G	16	36	52.3	67	37	45	14.5	15.3	1.3'x0.3'	73
IC	1226	HER	G	16	41	6.5	46	0	14	14.6	15.4	0.5'x0.4'	46
IC	1228	DRA	G	16	42	6.4	65	35	8	13.3	14.2	1.5'x1.3'	126
IC	1229	DRA	G	16	44	58.7	51	18	29	15.7	16.8	0.4'x0.4'	0
IC	1230	HER	G	16	45	1.4	51	15	36	14.7	15.5	0.9'x0.9'	0
IC	1231	DRA	G	16	46	59.1	58	25	22	12.9	13.6	2.2'x1.0'	155
IC	1237	DRA	G	16	56	15.9	55	1	37	13.6	14.3	1.8'x0.9'	20
IC	1241	DRA	G	17	1	28.1	63	41	28	13.1	14.0	1.5'x1.1'	165
IC	1245	HER	G	17	12	36.8	38	1	13	13.7	14.7	1.3'x0.6'	125
IC	1248	DRA	G	17	11	39.9	59	59	42	13.6	14.3	1.3'x1.2'	148
IC	1249	HER	G	17	14	54.9	35	31	14	14.0	14.9	0.4'x0.4'	0
IC	1250	DRA	G	17	14	29.0	57	25	2	15.2	16.1	0.5'x0.3'	54
IC	1255	OPH	G	17	23	5.4	12	41	46	13.4	14.2	1.0'x0.5'	12
IC	1258	DRA	G	17	27	17.2	58	29	7	13.5	14.4	1.0'x0.8'	61
IC	1259	DRA	G	17	27	26.7	58	30	59	13.1	15.9	0.5'x0.3'	42
IC	1260	DRA	G	17	27	31.6	58	28	35	14.7	17.5	0.3'x0.1'	59
IC	1261	DRA	G	17	23	20.7	71	15	50	15.0	-	0.6'	0
IC	1262	HER	G	17	33	2.0	43	45	35	13.6	14.7	1.2'x0.6'	85
IC	1263	HER	G	17	33	7.0	43	49	18	13.7	14.6	1.6'x0.7'	168
IC	1264	HER	G	17	33	16.8	43	37	44	14.0	15.0	1.5'x1.1'	150
IC	1265	HER	G	17	36	39.3	42	5	20	12.3	12.3	2.0'x0.8'	80
IC	1267	DRA	G	17	38	45.9	59	22	21	13.4	14.2	1.5'x1.0'	30
IC	1269	HER	G	17	52	5.9	21	34	8	12.8	13.4	1.6'x1.1'	125
IC	1276	SER	GC	18	10	45.7	-7	12	40	10.3	10.3	8.0'	0
IC	1279	HER	G	18	11	15.4	36	0	27	13.5	14.3	2.5'x0.5'	159
IC	1281	HER	G	18	11	38.1	35	59	52	14.9	15.5	0.5'x0.3'	7
IC	1286	DRA	G	18	16	14.4	55	35	24	13.8	14.7	1.3'x0.4'	82
IC	1288	LYR	G	18	29	22.5	39	42	50	13.4	14.3	1.2'x0.6'	2
IC	1289	LYR	G	18	30	2.2	39	57	53	15.0	15.4	0.5'x0.3'	147
IC	1291	DRA	G	18	33	52.4	49	16	43	13.0	13.5	1.8'x1.4'	30
IC	1301	CYG	G	19	26	31.9	50	7	33	13.3	14.3	1.3'x0.6'	11
IC	1324	CAP	G	20	32	12.2	-9	3	20	13.5	14.5	1.4'	0
IC	1359	DEL	G	21	8	43.0	12	29	2	13.9	14.8	0.9'x0.3'	172
IC	1388	AQR	G	21	29	52.1	0	37	51	14.2	15.2	0.5'x0.3'	144

Swift Objects

Catalog	Obj. #	Con.	Type	RA hrs	RA min	RA sec	Dec dgs	Dec min	Dec sec	Vmag	MSmag	MS Size	MS P.A.
IC	1394	PEG	G	21	40	12.9	14	38	1	14.2	15.1	0.9'x0.9'	0
IC	1420	PEG	G	22	2	31.5	19	45	0	13.2	14.1	1.4'x1.2'	95
IC	1461	PEG	G	22	58	34.2	15	10	24	14.2	15.1	0.4'	0
IC	1498	AQR	G	23	31	53.5	-5	0	23	13.7	13.8	1.8'x0.6'	11
IC	1502	CEP	G	23	36	20.1	75	38	51	13.9	14.5	1.1'x0.3'	52
IC	1505	AQR	G	23	41	37.0	-3	33	53	13.7	14.0	0.9'x0.7'	153
IC	1515	PSC	G	23	56	4.1	0	59	19	13.5	13.8	1.5'x1.5'	0
IC	1517	PSC	G	23	56	18.9	0	18	20	13.8	14.7	0.8'x0.7'	150
IC	1525	AND	G	23	59	15.7	46	53	22	12.2	13.0	1.9'x1.3'	20
IC	1531	SCL	G	0	9	35.5	-32	16	36	12.4	13.5	1.7'x1.3'	138
IC	1537	SCL	G	0	15	49.5	-39	15	39	15.0	16.0	1.3'x0.6'	80
IC	1549	PSC	G	0	22	49.8	6	57	53	13.8	14.6	0.8'	0
IC	1555	SCL	G	0	34	32.8	-30	1	3	13.7	14.4	1.4'x0.9	136
IC	1575	CET	G	0	43	33.6	-4	7	10	13.2	13.7q	1.2'x1.0'	44
IC	1608	SCL	G	0	59	24.2	-34	19	47	12.4	13.7	2.3'x0.8'	167
IC	1609	PHE	G	0	59	46.7	-40	20	1	12.6	13.6	1.4'x1.2'	0
IC	1610	CET	G	1	1	42.7	-15	34	4	12.9	13.6	1.2'x1.2'	0
IC	1616	SCL	G	1	4	56.1	-27	25	44	12.6	13.3	1.6'x1.3'	83
IC	1622	CET	G	1	7	36.6	-17	32	19	13.7	14.6	0.7'x0.5'	170
IC	1623	CET	G	1	7	46.8	-17	30	24	13.9	14.3	1.0'x0.7'	79
IC	1628	SCL	G	1	8	47.5	-28	34	56	12.5	13.5	1.3'x1.3'	0
IC	1657	SCL	G	1	14	6.8	-32	39	2	12.4	13.1	2.3'x0.5'	170
IC	1667	CET	G	1	18	42.2	-17	3	1	13.6	14.5	1.0'x0.9'	69
IC	1670	CET	G	1	18	48.7	-16	48	13	13.6	14.2	2.0'x0.5'	131
IC	1695	PSC	G	1	25	7.5	8	41	57	14.0	14.9	1.0'x0.9'	101
IC	1702	PSC	G	1	25	56.2	16	36	4	13.6	14.2	1.2'x0.9'	170
IC	1714	CET	G	1	32	53.1	-13	1	29	15.2	16.0	0.4'x0.4'	0
IC	1719	SCL	G	1	37	35.8	-33	55	27	12.6	13.8	1.6'x1.2'	163
IC	1720	SCL	G	1	40	21.4	-28	54	50	12.9	13.7	1.1'x0.7'	164
IC	1729	FOR	G	1	47	55.2	-26	53	31	12.6	13.5	1.6'x0.8'	138
IC	1734	FOR	G	1	49	16.8	-32	44	36	12.8	13.4	1.5'x1.2'	70
IC	1738	CET	G	1	51	7.7	-9	47	35	13.9	15.3	0.8'x0.6'	69
IC	1759	FOR	G	1	57	55.5	-32	59	14	12.9	13.8	1.5'x1.5'	0
IC	1761	CET	G	1	58	52.2	0	34	8	14.4	15.2	0.9'x0.5'	47
IC	1762	FOR	G	1	57	48.6	-33	14	23	13.5	14.3	1.8'x0.4'	43
IC	1763	FOR	G	1	59	11.5	-27	48	41	13.8	14.7	1.0'x0.8'	31
IC	1767	CET	G	1	59	59.4	-11	4	43	13.6	14.5	1.7'x0.6'	75
IC	1768	FOR	G	2	0	49.8	-25	1	35	13.0	14.5	0.9'x0.8'	60
IC	1783	FOR	G	2	10	6.0	-32	56	23	12.5	13.2	1.9'x0.7'	3
IC	1788	FOR	G	2	15	50.2	-31	12	4	11.6	12.3	2.6'x1.1'	28
IC	1811	FOR	G	2	30	38.0	-34	15	53	13.4	14.3	1.4'x1.0'	28
IC	1813	FOR	G	2	30	49.6	-34	13	18	13.2	14.2	1.2'x0.8'	102
IC	1816	FOR	G	2	31	51.0	-36	40	20	12.8	13.8	1.4'x1.3'	152
IC	1826	FOR	G	2	39	3.7	-27	26	35	12.8	13.2	1.6'x1.3'	122
IC	1833	FOR	G	2	41	38.6	-28	10	18	13.1	14.1	1.5'x0.8'	61
IC	1858	FOR	G	2	49	8.4	-31	17	22	13.1	14.1	1.7'x0.5'	176
IC	1859	FOR	G	2	49	3.8	-31	10	21	13.3	14.2	1.3'x0.9'	44
IC	1860	FOR	G	2	49	33.7	-31	11	23	12.7	13.7	1.7'x1.1'	6
IC	1862	FOR	G	2	51	58.8	-33	20	24	13.3	14.4	3.0'x0.3'	4
IC	1864	FOR	G	2	53	39.4	-34	11	53	11.6	12.6	1.1'x0.6'	57
IC	1875	FOR	G	3	3	56.6	-39	26	27	12.5	13.4	1.3'x1.3'	0
IC	1876	FOR	G	3	4	32.3	-27	27	36	14.1	14.4	1.1'x0.9'	29
IC	1895	FOR	G	3	9	36.2	-25	15	12	13.3	14.2	1.4'x1.0'	145

Swift Objects

Catalog	Obj. #	Con.	Type	RA hrs	RA min	RA sec	Dec dgs	Dec min	Dec sec	Vmag	MSmag	MS Size	MS P.A.
IC	1899	FOR	G	3	12	13.0	-25	18	18	13.4	14.3	1.3'x0.3'	159
IC	1919	FOR	G	3	26	2.1	-32	53	41	13.0	13.8	1.8'x1.3'	79
IC	1970	HOR	G	3	36	31.2	-43	57	24	12.0	12.9	3.1'x0.7'	75
IC	1993	FOR	G	3	47	4.8	-33	42	38	11.7	12.4	2.4'x2.2'	72
IC	2006	ERI	G	3	54	28.3	-35	58	2	11.3	12.2	2.1'x1.7'	34
IC	2007	ERI	G	3	55	22.6	-28	9	32	13.0	13.7	1.3'x0.7'	52
IC	2036	HOR	G	4	9	55.0	-39	41	19	13.5	14.4	0.9'x0.7'	92
IC	2040	ERI	G	4	12	59.6	-32	33	14	13.1	13.6	1.2'x0.8'	68
IC	2041	ERI	G	4	12	34.9	-32	49	3	14.0	14.6	1.1'x0.6'	139
IC	2059	ERI	G	4	20	26.2	-31	43	28	12.9	13.8	1.2'x0.4'	172
IC	2068	CAE	G	4	26	36.8	-42	5	37	13.3	14.3	1.2'x0.7'	153
IC	2119	LEP	G	5	6	50.9	-20	20	45	13.6	14.6	1.1'x0.6'	56
IC	2121	LEP	G	5	19	44.7	-25	3	52	12.3	13.8	1.8'x1.0'	160
IC	2122	COL	G	5	19	1.4	-37	5	21	12.7	13.8	1.5'x1.3'	63
IC	2125	LEP	G	5	24	28.1	-27	0	57	13.3	14.4	1.0'x0.7'	118
IC	2130	LEP	G	5	31	50.3	-23	8	44	13.1	13.8	1.8'x0.8'	103
IC	2135	COL	G	5	33	13.2	-36	23	58	12.5	13.3	3.4'x0.6'	109
IC	2143	LEP	G	5	46	52.4	-18	43	33	12.5	13.4	1.9'x0.7'	102
IC	2150	COL	G	5	51	18.5	-38	19	16	12.8	13.6	2.6'x0.8'	84
IC	2152	LEP	G	5	57	53.3	-23	10	50	12.6	13.4	1.4'x1.4'	0
IC	2158	COL	G	6	5	17.9	-27	51	25	12.1	12.9	1.7'x1.3'	99
IC	2231	CMI	G	8	11	1.4	5	5	15	14.0	14.4	1.4'x1.2'	117
IC	2469	PYX	G	9	23	1.4	-32	26	59	11.1	12.3	6.0'x1.0'	38
IC	2507	ANT	G	9	44	33.6	-31	47	26	12.7	13.3	1.6'x0.7'	43
IC	2511	ANT	G	9	49	24.2	-32	50	21	12.1	13.0	2.9'x0.5'	43
IC	2513	ANT	G	9	50	0.6	-32	50	21	12.1	13.3	3.1'x0.5'	61
IC	2526	ANT	G	9	57	2.9	-32	15	25	12.6	13.6	2.0'x0.6'	55
IC	2531	ANT	G	9	59	55.7	-29	37	4	12.0	12.9	7.0'x0.6'	75
IC	2537	ANT	G	10	3	51.8	-27	34	17	12.1	12.8	2.6'x1.7'	26
IC	2560	ANT	G	10	16	18.6	-33	33	48	11.7	12.5	3.4'x1.9'	45
IC	2586	HYA	G	10	31	2.3	-28	43	1	12.5	13.5	1.4'x1.0'	79
IC	2588	ANT	G	10	31	50.1	-30	23	2	12.7	13.6	1.7'x1.4'	150
IC	2589	HYA	G	10	32	20.7	-24	2	14	13.4	14.2	0.8'x0.5'	10
IC	2594	HYA	G	10	36	4.2	-24	19	22	12.4	13.4	1.7'x1.4'	107
IC	2627	CRT	G	11	9	53.5	-23	43	36	12.0	12.6	3.1'x2.7'	141
IC	2764	HYA	G	11	27	4.9	-28	58	50	12.2	13.1	1.8'x1.4'	164
IC	2913	HYA	G	11	31	51.3	-30	24	38	13.0	13.7	0.8'x0.8'	0
IC	2969	VIR	G	11	52	31.2	-3	52	23	12.9	14.0	1.2'x0.7'	108
IC	2974	VIR	G	11	53	48.7	-5	10	6	13.2	13.5	2.4'x0.4'	97
IC	2977	CEN	G	11	55	14.5	-37	41	46	12.3	13.2	2.0'x0.9'	122
IC	2995	HYA	G	12	5	47.0	-27	56	30	12.2	12.9	3.2'x0.9'	117
IC	3010	HYA	G	12	7	57.3	-30	20	22	12.2	13.2	1.9'x1.7'	84
IC	3015	HYA	G	12	9	0.1	-31	31	10	12.2	13.1	2.8'x0.6'	166
IC	3152	HYA	G	12	19	35.9	-26	8	41	12.5	13.5	1.7'x1.4'	46
IC	3289	HYA	G	12	24	57.4	-26	1	49	13.0	14.0	1.0'x1.0'	0
IC	3370	CEN	G	12	27	37.2	-39	20	16	11.0	12.0	2.9'x2.3'	45
IC	3639	CEN	G	12	40	52.9	-36	45	21	12.3	13.0	1.2'x1.1'	58
IC	3813	HYA	G	12	50	2.3	-25	55	12	12.6	13.7	1.3'x0.9'	1
IC	3829	HYA	G	12	51	32.5	-27	46	59	12.9	13.9	1.9'x1.0'	113
IC	3927	HYA	G	12	58	10.4	-22	52	34	12.6	13.6	1.1'x0.8'	170
IC	3986	CEN	G	13	1	0.8	-32	26	29	11.9	13.3	1.6'x1.1'	126
IC	4180	HYA	G	13	6	56.5	-23	55	2	12.7	13.6	1.3'x0.9'	67
IC	4197	HYA	G	13	8	4.3	-23	47	49	12.4	13.5	1.8'x0.8'	163

Swift Objects

Catalog	Obj. #	Con.	Type	RA hrs	RA min	RA sec	Dec dgs	Dec min	Dec sec	Vmag	MSmag	MS Size	MS P.A.
IC	4214	CEN	G	13	17	42.7	-32	6	5	11.4	12.3	2.8'x1.5'	172
IC	4219	CEN	G	13	18	29.8	-31	37	52	13.0	13.6	1.0'x1.0'	0
IC	4280	HYA	G	13	32	53.4	-24	12	25	12.6	13.5	1.1'x0.9'	45
IC	4296	CEN	G	13	36	38.8	-33	57	57	10.6	11.6	3.4'x3.2'	48
IC	4299	CEN	G	13	36	47.5	-34	3	57	12.6	13.7	1.7'x0.6'	58
IC	4337	BOO	G	13	52	19.2	14	16	21	14.7	15.2	0.5'x0.2'	112
IC	4350	HYA	G	13	57	13.9	-25	14	45	12.6	13.7	1.8'x1.0'	136
IC	4352	CEN	G	13	58	25.1	-34	31	3	12.4	13.6	1.7'x0.6'	88
IC	4367	CEN	G	14	5	36.4	-39	12	11	12.2	13.0	1.7'x1.4'	35
IC	4374	HYA	G	14	7	29.8	-27	1	5	12.4	13.6	1.5'x1.1'	124
IC	4421	CEN	G	14	28	31.2	-37	35	1	12.3	13.4	1.4'x0.9'	164
IC	4453	HYA	G	14	34	28.6	-27	31	5	12.2	13.2	2.2'x0.9'	160
IC	4516	BOO	G	14	54	23.4	16	21	21	13.2	14.2	1.2'x1.0'	157
IC	4538	LIB	G	15	21	11.6	-23	39	30	12.1	12.8	2.5'x1.9'	50
IC	4913	SGR	G	19	56	47.5	-37	19	43	13.0	13.9	1.4'x0.9'	130
IC	4926	SGR	G	20	0	12.2	-38	34	41	12.7	13.9	1.2'x0.9'	39
IC	4931	SGR	G	20	0	50.1	-38	34	30	11.8	13.2	2.4'x1.9'	134
IC	4946	SGR	G	20	23	58.0	-43	59	43	11.8	12.6	2.4'x1.0'	68
IC	4956	TEL	G	20	11	31.1	-45	35	35	12.4	13.4	1.7'x1.6'	0
IC	4998	SGR	G	20	22	10.6	-38	18	31	13.2	14.0	1.5'x1.1'	114
IC	5011	MIC	G	20	28	33.8	-36	1	38	11.7	12.7	2.4'x1.2'	19
IC	5013	MIC	G	20	28	34.9	-36	2	33	14.0	13.5	1.5'x1.0'	132
IC	5020	MIC	G	20	30	38.4	-33	29	8	12.3	13.1	2.9'x2.0'	153
IC	5039	MIC	G	20	43	14.0	-29	51	7	12.7	13.3	2.4'x0.6'	156
IC	5047	MIC	G	20	43	34.3	-29	42	11	12.5	12.6	2.6'x1.4'	28
IC	5049	MIC	G	20	47	23.8	-38	25	5	13.3	14.6	1.0'x0.8'	165
IC	5065	MIC	G	20	51	45.8	-29	50	50	13.7	14.6	1.8'x1.0'	139
IC	5083	EQU	G	21	3	51.5	11	45	50	14.2	15.5	0.5'x0.5'	0
IC	5105	MIC	G	21	24	21.9	-40	32	18	11.6	12.6	2.6'x1.5'	40
IC	5115	PEG	G	21	30	57.1	11	45	49	14.9	15.7	0.5'x0.3'	88
IC	5128	GRU	G	21	43	11.7	-38	58	5	13.0	14.0	1.1'x0.6'	135
IC	5131	PSA	G	21	47	25.3	-34	53	4	12.3	13.3	1.4'x1.3'	41
IC	5139	PSA	G	21	50	25.6	-30	59	42	12.3	13.3	2.1'x1.0'	33
IC	5149	PSA	G	21	58	58.9	-27	24	52	13.6	14.5	1.3'x0.5'	33
IC	5156	PSA	G	22	3	14.5	-33	50	13	12.2	13.0	2.2'x0.7'	175
IC	5157	PSA	G	22	3	27.0	-34	56	29	12.0	12.7	1.6'x1.4'	63
IC	5168	PSA	G	22	8	45.5	-27	51	24	14.8	15.5	1.3'x0.4'	142
IC	5179	GRU	G	22	16	9.0	-36	50	41	11.8	12.4	2.3'x1.1'	57
IC	5186	GRU	G	22	18	46.5	-36	48	6	11.9	12.5	1.8'x1.1'	99
IC	5210	AQR	G	22	22	31.1	-18	52	9	13.0	14.0	1.2'x1.0'	46
IC	5211	AQR	G	22	22	42.9	-18	52	47	13.5	14.6	1.0'x0.6'	161
IC	5261	AQR	G	22	54	25.2	-20	21	48	13.2	13.9	1.4'x1.1'	51
IC	5262	PSA	G	22	55	20.5	-33	53	17	13.4	14.3	0.9'x0.5'	159
IC	5271	PSA	G	22	58	1.6	-33	44	32	10.8	11.6	2.6'x0.8'	138
IC	5289	SCL	G	23	11	17.2	-32	27	5	13.4	14.3	1.1'x0.8'	78
IC	5304	AQR	G	23	18	52.5	-10	15	32	13.4	13.7	1.4'x0.9'	15
IC	5321	AQR	G	23	26	20.0	-17	57	24	13.0	15.2	0.5'x0.4'	52
IC	5325	PHE	G	23	28	43.1	-41	20	1	11.3	11.8	2.9'x2.6'	15
IC	5326	SCL	G	23	29	35.2	-28	49	53	13.9	14.9	1.0'x0.4'	115
IC	5328	PHE	G	23	33	16.3	-45	0	56	11.4	12.3	3.0'x1.9'	40
IC	5343	AQR	G	23	39	22.4	-22	29	50	13.6	15.2	0.7'x0.6'	127
IC	5350	SCL	G	23	47	14.7	-27	57	29	13.5	14.4	0.7'x0.5'	34
IC	5353	SCL	G	23	47	28.6	-28	6	32	13.0	13.9	1.4'x1.0'	141

Swift Objects

Catalog	Obj. #	Con.	Type	RA hrs	RA min	RA sec	Dec dgs	Dec min	Dec sec	Vmag	MSmag	MS Size	MS P.A.
IC	5354	SCL	G	23	47	28.4	-28	8	9	14.0	15.0	0.7'x0.3'	66
IC	5358	SCL	G	23	47	45.1	-28	8	29	12.5	13.6	2.5'x1.0'	122
IC	5362	SCL	G	23	51	36.8	-28	21	55	12.8	13.8	1.2'x1.2'	0

Swift Objects

Catalog	Obj. #	Comments	ID1	ID2	ID3
NGC	19	NGCs 19 & 7836 in same FOV. Sometimes incorrectly labeled NGC 21. See Note.			
NGC	27				
NGC	35				
NGC	48	NGCs 48, 49 & 51 in same FOV			
NGC	49	NGCs 48, 49 & 51 in same FOV			
NGC	51	NGCs 48, 49 & 51 in same FOV			
NGC	64				
NGC	73				
NGC	75				
NGC	100				
NGC	112				
NGC	150				
NGC	155				
NGC	161				
NGC	190				
NGC	240				
NGC	250				
NGC	262				
NGC	317	NGC 317A & 317B overlap			
NGC	332				
NGC	351	NGCs 351 & 353 in same FOV			
NGC	353	NGCs 351 & 353 in same FOV			
NGC	389				
NGC	437				
NGC	442				
NGC	448				
NGC	481				
NGC	519	NGCs 519, 530 & 538 in same FOV			
NGC	530	NGCs 519, 530, 538 & 557 in same FOV. ID1 is a duplicate, but discovered later by Bigourdan	IC 106		
NGC	538	NGCs 519, 530, 538 & 557 in same FOV			
NGC	557	NGCs 519, 530, 538 & 557 in same FOV. ID1 is a duplicate, but discovered later by Bigourdan	IC 1703		
NGC	562				
NGC	638				
NGC	652				
NGC	671				
NGC	675	NGCs 675 & 677 are in the same FOV			
NGC	677	NGCs 675 & 677 are in the same FOV			
NGC	716	ID1 is a duplicate, but discovered later by Bigourdan	IC 1743		
NGC	746				
NGC	768				
NGC	799	NGCs 799 & 800 in same FOV			
NGC	800	NGCs 799 & 800 in same FOV			
NGC	801				
NGC	804	ID1 is a duplicate, but discovered later by Bigourdan	IC 1773		
NGC	806				
NGC	809				
NGC	817				
NGC	856	ID1 is a duplicate also discovered by L. Swift	NGC 859		
NGC	868				
NGC	920	ID1 is a duplicate, but discovered later by Bigourdan. See Note.	IC 1799		
NGC	933	NGCs 920 & 933 in same FOV			
NGC	935				
NGC	948				

Swift Objects

Catalog	Obj. #	Comments	ID1	ID2	ID3
NGC	973				
NGC	975				
NGC	1013				
NGC	1017				
NGC	1042	NGCs 1042, 1047 & 1048 in same FOV			
NGC	1043				
NGC	1047				
NGC	1048	NGCs 1042, 1047 & 1048 in same FOV			
NGC	1065				
NGC	1069				
NGC	1076				
NGC	1077				
NGC	1080				
NGC	1081	NGCs 1081 & 1083 in same FOV			
NGC	1082				
NGC	1083	NGCs 1081 & 1083 in same FOV; NGCs 1083 & 1089 in same FOV			
NGC	1089	NGCs 1083 & 1089 in same FOV			
NGC	1103				
NGC	1108				
NGC	1118				
NGC	1121				
NGC	1126				
NGC	1137				
NGC	1148	NGCs 1148 & 1152 in same FOV			
NGC	1152	NGCs 1148 & 1152 in same FOV			
NGC	1212	ID1 is a duplicate, but discovered later by Barnard	IC 1883		
NGC	1213	ID1 is a duplicate, but discovered later by Bigourdan	IC 1881		
NGC	1214	NGCs 1214 & 1215 in same FOV			
NGC	1215	NGCs 1214 & 1215 in same FOV			
NGC	1218				
NGC	1224				
NGC	1238				
NGC	1250				
NGC	1286				
NGC	1289	ID1 is a duplicate, but discovered later by Bigourdan	IC 314		
NGC	1337				
NGC	1349				
NGC	1360	See Note			
NGC	1423				
NGC	1450				
NGC	1465				
NGC	1469				
NGC	1485				
NGC	1509	ID1 is a duplicate, but discovered later by Bigourdan	IC 2026		
NGC	1568				
NGC	1577	ID1 is a duplicate, but discovered later by Muller	NGC 1575		
NGC	1594	ID1 is a duplicate, but discovered later by Bigourdan	IC 2075		
NGC	1604				
NGC	1614				
NGC	1627	NGCs 1627 & 1628 in same FOV			
NGC	1628	NGCs 1627 & 1628 in same FOV			
NGC	1648				
NGC	1666				

Swift Objects

Catalog	Obj. #	Comments	ID1	ID2	ID3
NGC	1753				
NGC	1797	NGCs 1797 & 1799 in same FOV			
NGC	1799	NGCs 1797 & 1799 in same FOV			
NGC	1819				
NGC	2208				
NGC	2237	Rosette Nebula			
NGC	2242				
NGC	2246	See Note			
NGC	2247				
NGC	2296	ID1 is a duplicate, but discovered later by Bigourdan. See Note.	IC 452		
NGC	2303				
NGC	2344				
NGC	2470				
NGC	2491	NGCs 2491 & 2496 in same FOV			
NGC	2496	NGCs 2491 & 2496 in same FOV			
NGC	2544	NGCs 2544 & 2550 in same FOV			
NGC	2550	NGCs 2544 & 2550 in same FOV			
NGC	2561				
NGC	2616				
NGC	2663				
NGC	2676				
NGC	2690				
NGC	2706				
NGC	2851				
NGC	2881				
NGC	2892				
NGC	2900				
NGC	2978				
NGC	3011				
NGC	3026				
NGC	3029				
NGC	3038	ICs 2511,2513 & NGC 3038 in same FOV			
NGC	3243				
NGC	3253				
NGC	3282				
NGC	3292				
NGC	3306				
NGC	3426				
NGC	3443				
NGC	3487				
NGC	3522				
NGC	3551	NGCs 3551 & 3553 in same FOV			
NGC	3555	NGCs 3551 & 3553 in same FOV			
NGC	3588				
NGC	3633				
NGC	3650				
NGC	3908				
NGC	4040				
NGC	4081				
NGC	4155				
NGC	4279	NGCs 4279 & 4285 in same FOV			
NGC	4285	NGCs 4279 & 4285 in same FOV			
NGC	4446	NGCs 4446 & 4447 in same FOV			

Swift Objects

Catalog	Obj. #	Comments	ID1	ID2	ID3
NGC	4447	NGCs 4446 & 4447 in same FOV			
NGC	4640	NGCs 4640 & 4641 in same FOV			
NGC	4641	NGCs 4640 & 4641 in same FOV			
NGC	4935				
NGC	4948	ID1 is a duplicate, but discovered later by Stewart	IC 4156		
NGC	5083				
NGC	5097				
NGC	5099	NGCs 5099 & 5105 in same FOV			
NGC	5105	NGCs 5099 & 5105 in same FOV			
NGC	5115	NGCs 5115 & 5137 in same FOV			
NGC	5122				
NGC	5137	NGCs 5115 & 5137 in same FOV			
NGC	5205				
NGC	5229				
NGC	5241				
NGC	5260				
NGC	5304				
NGC	5314				
NGC	5325				
NGC	5330				
NGC	5332				
NGC	5340				
NGC	5344				
NGC	5412				
NGC	5415				
NGC	5425				
NGC	5439				
NGC	5459				
NGC	5479				
NGC	5505				
NGC	5528				
NGC	5561				
NGC	5583				
NGC	5591				
NGC	5624				
NGC	5707				
NGC	5720				
NGC	5736				
NGC	5758				
NGC	5762	NGCs 5762 & 5763 in same FOV			
NGC	5763	NGCs 5762 & 5763 in same FOV			
NGC	5767				
NGC	5778				
NGC	5779				
NGC	5780				
NGC	5782				
NGC	5783	ID1 is a duplicate also discovered by L. Swift.	NGC 5785		
NGC	5788	NGCs 5783 & 5788 in same FOV			
NGC	5795				
NGC	5818				
NGC	5828				
NGC	5830				
NGC	5835				

Swift Objects

Catalog	Obj. #	Comments	ID1	ID2	ID3
NGC	5837				
NGC	5855				
NGC	5862	NGCs 5862 & 5870 in same FOV			
NGC	5870	ID1 is a duplicate also discovered by L. Swift. See Note.	NGC 5826		
NGC	5874	NGC's 5874 & 5876 in same FOV			
NGC	5876	NGC's 5874 & 5876 in same FOV. ID1 is a duplicate also discovered by L. Swift.	IC 1111		
NGC	5919	NGCs 5919 & 5920 in same FOV			
NGC	5920	NGCs 5919 & 5920 in same FOV			
NGC	5926				
NGC	5931	NGCs 5931 & 5940 in same FOV			
NGC	5932	NGCs 5932 & 5933 in same FOV			
NGC	5933	NGCs 5932 & 5933 in same FOV			
NGC	5939				
NGC	5940	NGCs 5931 & 5940 in same FOV; NGCs 5940, 5941, 5942 & 5944 in same FOV			
NGC	5941	NGCs 5940, 5941, 5942 & 5944 in same FOV			
NGC	5942	NGCs 5940, 5941, 5942 & 5944 in same FOV			
NGC	5944	NGCs 5940, 5941, 5942 & 5944 in same FOV			
NGC	5969	NGCs 5969 & 5971 in same FOV			
NGC	5971	NGCs 5969 & 5971 in same FOV			
NGC	5988				
NGC	6019	NGCs 6019 & 6024 in same FOV			
NGC	6024	NGCs 6019 & 6024 in same FOV			
NGC	6034				
NGC	6043	NGCs 6043-45, 47, 50, 54 & 56 and ICs 1178 & 81 are in same FOV			
NGC	6044	NGCs 6043-45, 47, 50, 54 & 56 and ICs 1178 & 81 are in same FOV; ID1 is a duplicate, but discovered later by Javelle	IC 1172		
NGC	6045	NGCs 6043-45, 47, 50, 54 & 56 and ICs 1178 & 81 are in same FOV			
NGC	6047	NGCs 6043-45, 47, 50, 54 & 56 and ICs 1178 & 81 are in same FOV			
NGC	6050	NGCs 6043-45, 47, 50, 54 & 56 and ICs 1178 & 81 are in same FOV; ID1 is a duplicate also discovered by L. Swift	IC 1179		
NGC	6054	NGCs 6043-45, 47, 50, 54 & 56 and ICs 1178 & 81 are in same FOV; ID1 is a duplicate, but discovered later by Bigourdan	IC 1183		
NGC	6055	NGCs 6055, 6057 & 6061 are in same FOV			
NGC	6056	NGCs 6043-45, 47, 50, 54 & 56 and ICs 1178 & 81 are in same FOV; ID1 is a duplicate also discovered by L. Swift.	IC 1176		
NGC	6057	NGCs 6055-57 & 61 and ICs 1189-91 in same FOV; ID1 is a duplicate also discovered by L. Swift.	NGC 6053		
NGC	6061	NGCs 6055-57 & 61 and ICs 1189-91 in same FOV			
NGC	6065	NGCs 6065 & 6066 in same FOV			
NGC	6066	NGCs 6065 & 6066 in same FOV			
NGC	6080				
NGC	6084				
NGC	6090				
NGC	6095				
NGC	6100				
NGC	6111				
NGC	6123				
NGC	6127	ID1 & ID2 are duplicates discovered by L. Swift. See Note.	NGC 6125	NGC 6128	
NGC	6135	Not listed in several sources. See Note.			
NGC	6136				
NGC	6149				
NGC	6157				
NGC	6168				
NGC	6176	ID1 is a duplicate also discovered by L. Swift.	NGC 6170		
NGC	6189	ID1 is a duplicate also discovered by L. Swift.	NGC 6191		
NGC	6190				
NGC	6198				
NGC	6206	ID1 is a duplicate, but discovered later by Bigourdan	IC 1227		

Swift Objects

Catalog	Obj. #	Comments	ID1	ID2	ID3
NGC	6211	NGCs 6211 & 6213 in same FOV			
NGC	6213	NGCs 6211 & 6213 in same FOV			
NGC	6214				
NGC	6220				
NGC	6224	NGCs 6224 & 6225 in same FOV			
NGC	6225	NGCs 6224 & 6225 in same FOV			
NGC	6230				
NGC	6232	NGCs 6232, 6236 & 6248 in same FOV			
NGC	6236	NGCs 6232, 6236 & 6248 in same FOV			
NGC	6238	NGCs 6238 & 6244 in same FOV			
NGC	6244	NGCs 6238 & 6244 in same FOV			
NGC	6246				
NGC	6248	NGCs 6232, 6236 & 6248 in same FOV			
NGC	6258				
NGC	6260				
NGC	6262	Not listed in several sources. See Note.			
NGC	6275				
NGC	6279				
NGC	6285	NGCs 6285, 6286, 6290 & 6291 in same FOV			
NGC	6286	NGCs 6285, 6286, 6290 & 6291 in same FOV			
NGC	6290	NGCs 6285, 6286, 6290 & 6291 in same FOV			
NGC	6291	NGCs 6285, 6286, 6290 & 6291 in same FOV			
NGC	6292				
NGC	6295				
NGC	6297	ID1 is a duplicate also discovered by L. Swift.	NGC 6298		
NGC	6303				
NGC	6306				
NGC	6313				
NGC	6317	NGCs 6317 & 6319 in same FOV			
NGC	6319	NGCs 6317 & 6319 in same FOV			
NGC	6339	NGCs 6339 & 6343 in same FOV			
NGC	6343	NGCs 6339 & 6343 in same FOV			
NGC	6345	NGCs 6345 & 6346 & IC 1250 in same FOV			
NGC	6346	NGCs 6345 & 6346 & IC 1250 in same FOV			
NGC	6358				
NGC	6361				
NGC	6365				
NGC	6370				
NGC	6373	NGCs 6376 & 6377 in same FOV			
NGC	6376	NGCs 6373 & 6377 in same FOV; NGC 6377 & 6391 in same FOV			
NGC	6377	NGCs 6373 & 6376 in same FOV; NGC 6376 & 6391 in same FOV			
NGC	6381	NGCs 6381 & 6390 in same FOV			
NGC	6385	NGCs 6385 & 6387 in same FOV			
NGC	6386				
NGC	6387	NGCs 6385 & 6387 in same FOV			
NGC	6390	NGCs 6381 & 6390 in same FOV			
NGC	6391	NGCs 6376 & 6377 in same FOV			
NGC	6393	NGCs 6393, 6394 & 6399 in same FOV.			
NGC	6394	NGCs 6393, 6394 & 6399 in same FOV.			
NGC	6399	NGCs 6393, 6394 & 6399 in same FOV.			
NGC	6409				
NGC	6414				
NGC	6419	NGCs 6419, 6420, 6422 & 6423 in same FOV			

Swift Objects

Catalog	Obj. #	Comments	ID1	ID2	ID3
NGC	6420	NGCs 6419, 6420, 6422 & 6423 in same FOV			
NGC	6422	NGCs 6419, 6420, 6422 & 6423 in same FOV			
NGC	6423	NGCs 6419, 6420, 6422 & 6423 in same FOV			
NGC	6424				
NGC	6435				
NGC	6436				
NGC	6443				
NGC	6449				
NGC	6454	NGCs 6454 & 6459 in same FOV			
NGC	6456	NGCs 6456, 6463, 6470, 6472 & 6477 in same FOV. See Note.			
NGC	6459	NGCs 6454 & 6459 in same FOV			
NGC	6461				
NGC	6462				
NGC	6463	NGCs 6456, 6463, 6470, 6471, 6472 & 6477 in same FOV. See Note.			
NGC	6464				
NGC	6466	NGCs 6466 & 6478 in same FOV			
NGC	6470	NGCs 6456, 6463, 6470, 6471, 6472 & 6477 in same FOV. See Note.			
NGC	6471	NGCs 6456, 6463, 6470, 6471, 6472 & 6477 in same FOV. See Note.			
NGC	6472	NGCs 6456, 6463, 6470, 6471, 6472 & 6477 in same FOV. See Note.			
NGC	6474	See Note.			
NGC	6477	NGCs 6456, 6463, 6470, 6471, 6472 & 6477 in same FOV. See Note.			
NGC	6478	NGCs 6466 & 6478 in same FOV			
NGC	6479				
NGC	6488				
NGC	6489				
NGC	6491	NGCs 6491 & 6493 is same FOV.			
NGC	6493	NGCs 6491 & 6493 is same FOV.			
NGC	6497	ID1 is a duplicate also discovered by L. Swift.	NGC 6498		
NGC	6505				
NGC	6510	ID1 is a duplicate also discovered by L. Swift.	NGC 6511		
NGC	6515				
NGC	6524				
NGC	6534				
NGC	6538				
NGC	6542				
NGC	6560				
NGC	6562				
NGC	6582				
NGC	6592	NGCs 6592, 6594, 6597, 6607, 6608, 6609 & 6617 in same FOV			
NGC	6594	NGCs 6592, 6594, 6597, 6607, 6608, 6609 & 6617 in same FOV			
NGC	6597	NGCs 6592, 6594, 6597, 6607, 6608, 6609 & 6617 in same FOV			
NGC	6598				
NGC	6601	NGCs 6592, 6594, 6597, 6607, 6608, 6609 & 6617 in same FOV			
NGC	6607	NGCs 6592, 6594, 6597, 6607, 6608, 6609 & 6617 in same FOV			
NGC	6608	NGCs 6592, 6594, 6597, 6607, 6608 & 6609 in same FOV. See Note			
NGC	6609	NGCs 6592, 6594, 6597, 6607, 6608 & 6609 in same FOV. See Note			
NGC	6612				
NGC	6616				
NGC	6617	NGCs 6592, 6594, 6597, 6607, 6608, 6609 & 6617 in same FOV			
NGC	6622	See Note.			
NGC	6636				
NGC	6650	NGCs 6650 & 6667 in same FOV			
NGC	6651				

Swift Objects

Catalog	Obj. #	Comments	ID1	ID2	ID3
NGC	6654				
NGC	6667	NGCs 6650 & 6667 in same FOV. ID1 & ID2 are duplicates also discovered by L. Swift.	NGC 6668	NGC 6678	
NGC	6670				
NGC	6676	NGCs 6676, 6677 & 6679 in same FOV			
NGC	6677	ID1 is a duplicate, but discovered later by Bigourdan. See note.	IC 4763		
NGC	6679	NGCs 6676, 6677 & 6679 in same FOV. See Note.			
NGC	6687	NGCs 6687 & 6696 in same FOV			
NGC	6691				
NGC	6696	NGCs 6687 & 6696 in same FOV			
NGC	6701				
NGC	6711				
NGC	6732				
NGC	6747				
NGC	6750				
NGC	6757				
NGC	6762	ID1 is a duplicate also discovered by L. Swift.	NGC 6763		
NGC	6764				
NGC	6786				
NGC	6787				
NGC	6789				
NGC	6796				
NGC	6798	ID1 is a duplicate also discovered by L. Swift.	IC 1300		
NGC	6801				
NGC	6817				
NGC	6829	NGCs 6829 & 6831 in same FOV.			
NGC	6831	NGCs 6829 & 6831 in same FOV.			
NGC	6869				
NGC	6911				
NGC	6916				
NGC	6949				
NGC	7066				
NGC	7094				
NGC	7132				
NGC	7159				
NGC	7194	NGCs 7194 & 7195 in same FOV.			
NGC	7195	NGCs 7194 & 7195 in same FOV.			
NGC	7212				
NGC	7305				
NGC	7362				
NGC	7399				
NGC	7413	NGCs 7413 & 7414 in same FOV			
NGC	7414	NGCs 7413 & 7414 in same FOV			
NGC	7437				
NGC	7452	NGCs 7452 & 7459 in same FOV			
NGC	7455				
NGC	7459	NGCs 7452 & 7459 in same FOV. See Note.			
NGC	7495				
NGC	7500				
NGC	7505	NGCs 7505 & 7511 in same FOV.			
NGC	7509				
NGC	7511	NGCs 7505 & 7511 in same FOV; NGCs 7511, 7535 & 7536 in same FOV.			
NGC	7535	NGCs 7511, 7535 & 7536 in same FOV.			
NGC	7536	NGCs 7511, 7535 & 7536 in same FOV.			

Swift Objects

Catalog	Obj. #	Comments	ID1	ID2	ID3
NGC	7569	See Note.			
NGC	7580				
NGC	7649	ID1 is a duplicate also discovered by Swift. See Note.	IC 1487		
NGC	7651				
NGC	7709				
NGC	7726				
NGC	7746				
NGC	7774				
NGC	7803				
NGC	7818				
NGC	7831	ID1 is a duplicate, but discovered later by Bigourdan	IC 1530		
NGC	7836	NGCs 19 (See Note for NGC 19) & 7836 in same FOV.			
IC	10				
IC	49				
IC	53				
IC	65				
IC	81				
IC	93	ICs 93, 1667 & 1670 in same FOV. ID1 is a duplicate also discovered by L. Swift.	IC 1671		
IC	107	ID1 is a duplicate, but discovered later by Javelle. See Note.	IC 1700		
IC	148	See Note.			
IC	152				
IC	153	ICs 153 & 157 in same FOV. See Note.			
IC	157	ICs 153 & 157 in same FOV. See Note.			
IC	161	ICs 161 & 162 in same FOV. See Note.			
IC	162	ICs 161 & 162 in same FOV.			
IC	164				
IC	179				
IC	193				
IC	195	ICs 195 & 196 in same FOV.			
IC	196	ICs 195 & 196 in same FOV.			
IC	232				
IC	238				
IC	246				
IC	256	ICs 256 & 260 in same FOV. See Note.			
IC	260	ICs 256 & 260 in same FOV.			
IC	265				
IC	266				
IC	267				
IC	275	See Note.			
IC	288				
IC	289				
IC	294	ID1, ID2 & ID3 are duplicates. See Note.	IC 295	IC 296	IC 1889
IC	300	ICs 300 & 301 in same FOV. See Note.			
IC	301	ICs 300 & 301 in same FOV.			
IC	308	ICs 308 & 309 in same FOV.			
IC	309	ICs 308 & 309 in same FOV.			
IC	311				
IC	313	ICs 313 & 316 in same FOV.			
IC	316	ICs 313 & 316 in same FOV.			
IC	320				
IC	335	ID1 is a duplicate also discovered by L. Swift.	IC 1963		
IC	337	See Note.			
IC	347				

Swift Objects

Catalog	Obj. #	Comments	ID1	ID2	ID3
IC	359				
IC	395	ID1 is a duplicate also discovered by L. Swift. See Note	NGC 1671		
IC	411	ICs 411 & 2121 in same FOV.			
IC	438				
IC	445				
IC	449				
IC	456				
IC	471	ICs 471 & 472 in same FOV			
IC	472	ICs 471 & 472 in same FOV			
IC	504	ICs 504, 505 & 506 in same FOV			
IC	505	ICs 504, 505 & 506 in same FOV			
IC	506	ICs 504, 505 & 506 in same FOV			
IC	511				
IC	520				
IC	522				
IC	527				
IC	579				
IC	598				
IC	607				
IC	619	See Note			
IC	639				
IC	642				
IC	646	See Note			
IC	685				
IC	687				
IC	691				
IC	701				
IC	705				
IC	708	ICs 708, 709, 711 & 712 in same FOV.			
IC	709	ICs 708, 709, 711 & 712 in same FOV.			
IC	711	ICs 708, 709, 711 & 712 in same FOV.			
IC	712	ICs 708, 709, 711 & 712 in same FOV.			
IC	731				
IC	742				
IC	758				
IC	783				
IC	784				
IC	787				
IC	801				
IC	804				
IC	809	ID1 is a duplicate, but discovered later by Schwassmann	IC 3672		
IC	810				
IC	816	ICs 816 & 817 in the same FOV.			
IC	817	ICs 816 & 817 in the same FOV. ID1 is a duplicate, but discovered later by Schwassmann	IC 3764		
IC	825	See Note			
IC	830				
IC	833	See Note			
IC	836				
IC	845	See Note			
IC	852				
IC	866	ICs 866, 867, 868 & 870 in same FOV.			
IC	867	ICs 866, 867, 868 & 870 in same FOV.			
IC	868	ICs 866, 867, 868 & 870 in same FOV.			

Swift Objects

Catalog	Obj. #	Comments	ID1	ID2	ID3
IC	870	ICs 866, 867, 868 & 870 in same FOV.			
IC	872	See Note			
IC	875				
IC	885				
IC	902				
IC	907				
IC	942				
IC	945				
IC	948	ICs 948 & 4337 in same FOV.			
IC	951				
IC	954				
IC	959				
IC	962				
IC	976				
IC	979				
IC	995	ICs 995 & 996 in same FOV.			
IC	996	ICs 995 & 996 in same FOV.			
IC	997	ID issues for ICs 997, 998 & 4401 all in same FOV. See Note.	IC 4401		
IC	998	ID issues for ICs 997, 998 & 4401 all in same FOV. See Note.			
IC	1027				
IC	1031	ICs 1031, 1032 & 1033 in same FOV.			
IC	1032	ICs 1031, 1032 & 1033 in same FOV.			
IC	1033	ICs 1031, 1032 & 1033 in same FOV.			
IC	1046				
IC	1049				
IC	1056	ID1 is a duplicate also discovered by L. Swift.	IC 1057		
IC	1065				
IC	1069				
IC	1071				
IC	1074				
IC	1075				
IC	1076				
IC	1083				
IC	1095	See Note			
IC	1102				
IC	1105				
IC	1109				
IC	1110				
IC	1124				
IC	1128				
IC	1137	See Note			
IC	1139	ICs 1139 & 1143 in same FOV.			
IC	1141				
IC	1143	ICs 1139 & 1143 in same FOV.			
IC	1144				
IC	1146	ICs 1146 & 1147 in same FOV.			
IC	1147	ICs 1146 & 1147 in same FOV.			
IC	1152	ICs 1152 & 1153 in same FOV.			
IC	1153	ICs 1152 & 1153 in same FOV.			
IC	1154				
IC	1156				
IC	1169				
IC	1178	NGCs 6043-45, 47, 50, 54 & 56 and ICs 1178 & 81 are in same FOV			

Swift Objects

Catalog	Obj. #	Comments	ID1	ID2	ID3
IC	1181	NGCs 6043-45, 47, 50, 54 & 56 and ICs 1178 & 81 are in same FOV			
IC	1189	NGCs 6055-57 & 61 and ICs 1189-91 in same FOV			
IC	1190	NGCs 6055-57 & 61 and ICs 1189-91 in same FOV; See Note			
IC	1191	NGCs 6055-57 & 61 and ICs 1189-91 in same FOV			
IC	1196				
IC	1199				
IC	1201				
IC	1205				
IC	1206				
IC	1210				
IC	1211				
IC	1212				
IC	1214				
IC	1215	ICs 1215, 1216 & 1218 in same FOV.			
IC	1216	ICs 1215, 1216 & 1218 in same FOV.			
IC	1218	ICs 1215, 1216 & 1218 in same FOV.			
IC	1221	ICs 1221 & 1222 in same FOV.			
IC	1222	ICs 1221 & 1222 in same FOV.			
IC	1223				
IC	1225				
IC	1226				
IC	1228				
IC	1229	ICs 1229 & 1230 in same FOV.			
IC	1230	ICs 1229 & 1230 in same FOV.			
IC	1231				
IC	1237				
IC	1241				
IC	1245				
IC	1248				
IC	1249				
IC	1250	NGCs 6345 & 6346 & IC 1250 in same FOV; See Note			
IC	1255				
IC	1258	ICs 1258, 1259 & 1260 in same FOV.			
IC	1259	ICs 1258, 1259 & 1260 in same FOV.			
IC	1260	ICs 1258, 1259 & 1260 in same FOV. See Note			
IC	1261				
IC	1262	ICs 1262, 1263 & 1264 in same FOV.			
IC	1263	ICs 1262, 1263 & 1264 in same FOV.			
IC	1264	ICs 1262, 1263 & 1264 in same FOV.			
IC	1265				
IC	1267				
IC	1269				
IC	1276				
IC	1279	ICs 1279 & 1281 in same FOV.			
IC	1281	ICs 1279 & 1281 in same FOV.			
IC	1286				
IC	1288	ICs 1288 & 1289 in same FOV.			
IC	1289	ICs 1288 & 1289 in same FOV.			
IC	1291				
IC	1301	ID1 is a duplicate, but discovered later by Burnham. See Note.	IC 4867		
IC	1324				
IC	1359				
IC	1388				

Swift Objects

Catalog	Obj. #	Comments	ID1	ID2	ID3
IC	1394				
IC	1420				
IC	1461				
IC	1498				
IC	1502				
IC	1505				
IC	1515				
IC	1517				
IC	1525				
IC	1531				
IC	1537	Bright knot in NGC 55. See Note.			
IC	1549				
IC	1555				
IC	1575	ICs 1575A & 1575B overlap. See Note.			
IC	1608				
IC	1609				
IC	1610				
IC	1616				
IC	1622	ICs 1622 & 1623 in same FOV.			
IC	1623	ICs 1622 & 1623 in same FOV. ICs 1623A & B overlap.			
IC	1628				
IC	1657	ID1 is a duplicate also discovered by Swift.	IC 1663		
IC	1667	ICs 93, 1667 & 1670A&B in same FOV. See Note.			
IC	1670	ICs 93, 1667 & 1670A&B in same FOV. IC 1670A & 1670B overlap.			
IC	1695				
IC	1702				
IC	1714	See Note.			
IC	1719				
IC	1720				
IC	1729				
IC	1734				
IC	1738				
IC	1759	ICs 1759 & 1762 in same FOV. ID1 is a duplicate also discovered by Swift.	IC 1760		
IC	1761				
IC	1762	ICs 1759 & 1762 in same FOV.			
IC	1763				
IC	1767				
IC	1768				
IC	1783				
IC	1788				
IC	1811	ICs 1811 & 1813 in same FOV.			
IC	1813	ICs 1811 & 1813 in same FOV.			
IC	1816				
IC	1826	ID1 is a duplicate, but discovered later by Stewart	IC 1830		
IC	1833				
IC	1858	ICs 1858, 1859 & 1860 in same FOV.			
IC	1859	ICs 1858, 1859 & 1860 in same FOV.			
IC	1860	ICs 1858, 1859 & 1860 in same FOV.			
IC	1862				
IC	1864				
IC	1875				
IC	1876				
IC	1895				

Swift Objects

Catalog	Obj. #	Comments	ID1	ID2	ID3
IC	1899				
IC	1919				
IC	1970				
IC	1993				
IC	2006				
IC	2007	ID1 is a duplicate also discovered by Swift.	IC 2008		
IC	2036				
IC	2040	ICs 2040 & 2041 in same FOV.			
IC	2041	ICs 2040 & 2041 in same FOV.			
IC	2059				
IC	2068				
IC	2119	See Note.			
IC	2121	ICs 411 & 2121 in same FOV. ID1 is a duplicate also discovered by L. Swift. See Note.	IC 408		
IC	2122				
IC	2125				
IC	2130				
IC	2135	ID1 is a duplicate also discovered by Swift.	IC 2136		
IC	2143				
IC	2150				
IC	2152				
IC	2158				
IC	2231				
IC	2469				
IC	2507				
IC	2511	ICs 2511,2513 & NGC 3038 in same FOV. ID1 is a duplicate also discovered by Swift.	IC 2512		
IC	2513	ICs 2511,2513 & NGC 3038 in same FOV. ID1 is a duplicate also discovered by Swift.	IC 2514		
IC	2526				
IC	2531				
IC	2537				
IC	2560				
IC	2586				
IC	2588				
IC	2589				
IC	2594				
IC	2627				
IC	2764				
IC	2913				
IC	2969				
IC	2974				
IC	2977				
IC	2995				
IC	3010				
IC	3015				
IC	3152				
IC	3289				
IC	3370				
IC	3639				
IC	3813				
IC	3829				
IC	3927				
IC	3986				
IC	4180	ICs 4180 & 4197 in same FOV.			
IC	4197	ICs 4180 & 4197 in same FOV.			

Swift Objects

Catalog	Obj. #	Comments	ID1	ID2	ID3
IC	4214	ICs 4214 & 4219 in same FOV.			
IC	4219	ICs 4214 & 4219 in same FOV.			
IC	4280				
IC	4296	ICs 4296 & 4299 in same FOV.			
IC	4299	ICs 4296 & 4299 in same FOV.			
IC	4337	ICs 948 & 4337 in same FOV.			
IC	4350				
IC	4352				
IC	4367				
IC	4374				
IC	4421				
IC	4453				
IC	4516				
IC	4538				
IC	4913				
IC	4926	ICs 4926 & 4931 in same FOV.			
IC	4931	ICs 4926 & 4931 in same FOV.			
IC	4946				
IC	4956				
IC	4998	ID1 is a duplicate also discovered by Swift.	IC 5018		
IC	5011	ICs 5011 & 5013 in same FOV. See Note.			
IC	5013	ICs 5011 & 5013 in same FOV. See Note.			
IC	5020				
IC	5039	ICs 5039 & 5047 in same FOV. ID1, ID2 & ID3 are duplicates also discovered by Swift.	IC 5003	IC 5029	IC 5046
IC	5047	ICs 5039 & 5047 in same FOV. ID1, ID2 & ID3 are duplicates also discovered by Swift.	IC 5007	IC 5030	IC 5041
IC	5049				
IC	5065				
IC	5083				
IC	5105				
IC	5115	In same FOV with Messier 15			
IC	5128				
IC	5131				
IC	5139				
IC	5149				
IC	5156				
IC	5157				
IC	5168				
IC	5179	ID1 & ID2 are duplicates also discovered by Swift.	IC 5183	IC 5184	
IC	5186				
IC	5210	Same FOV w/Swift's IC 5211			
IC	5211	Same FOV w/Swift's IC 5210			
IC	5261				
IC	5262				
IC	5271				
IC	5289				
IC	5304				
IC	5321				
IC	5325				
IC	5326				
IC	5328				
IC	5343				
IC	5350	ICs 5350, 5353, 5354 & 5358 in same FOV			
IC	5353	ICs 5350, 5353, 5354 & 5358 in same FOV			

Swift Objects

Catalog	Obj. #	Comments	ID1	ID2	ID3
IC	5354	ICs 5350, 5353, 5354 & 5358 in same FOV			
IC	5358	ICs 5350, 5353, 5354 & 5358 in same FOV			
IC	5362	ID1 is a duplicate also discovered by Swift. See Note.	IC 5363		