

## Virgo - The Virgin

Observed: No

Object	Her	Type	Mag	Alias/Notes
NGC 1480		Non-Existent		
IC 716		Glxy Sbc pec sp	14.8	UGC 6612 MCG 0-30-18 CGCG 12-47 KARA492 PGC 36102
NGC 3792		Non-Existent		
IC 718		Glxy Im:	14.5	UGC 6626 MCG 2-30-7 CGCG 68-18 PGC 36174
IC 719		Glxy S0?	14.1	UGC 6633 MCG 2-30-8 CGCG 68-21 ARAK308 IRAS 11377+917 PGC 36205
IC 720		Glxy S?	14.3	MCG 2-30-16 CGCG 68-35 PGC 36333
IC 722		Glxy S?	14.5	MCG 2-30-19 CGCG 68-39 PGC 36365
IC 725		Glxy E:	14.9	CGCG 12-65 PGC 36444
IC 724		Glxy Sa	13.4	UGC 6695 MCG 2-30-22 CGCG 68-45 IRAS 11409+913 PGC 36450
NGC 3843		Glxy S0/a	14.5	UGC 6699 MCG 1-30-11 CGCG 40-34 PGC 36471
NGC 3849		Glxy		
NGC 3852	H36-3	Non-Existent		
IC 728		Glxy SB(rs)b	14.4	UGC 6720 MCG 0-30-21 CGCG 12-71 IRAS 11422-119 PGC 36580
NGC 3863		Glxy Sbc	13.6	UGC 6722 MCG 2-30-28 CGCG 68-54 IRAS 11425+844 PGC 36607
NGC 3876	H103-3	Glxy Sab:	13.7	UGC 6730 MCG 2-30-29 CGCG 68-55 IRAS 11428+926 PGC 36644
IC 730		Non-Existent		MCG 1-30-13 CGCG 40-40 IRAS 11430+330 PGC 36658
NGC 3874	H104-3	Non-Existent		
IC 738		Glxy Sm	15.9	PGC 36895
NGC 3915	H113-3	Glxy Sm	15.9	IC 2963 PGC 36895
NGC 3907B		Glxy Sb	13.8	
IC 2963		Glxy S0+: sp	14.5	MCG -1-30-36 IRAS 11468-450 PGC 36933
NGC 3907A		Non-Existent		
NGC 3907		Glxy SB(s)0-:	13.1	UGC 6796 MCG 0-30-28 CGCG 12-94 PGC 36941
IC 741		Glxy S0/a	14	MCG -1-30-37 PGC 37008
NGC 3914	H90-3	Glxy (R')SB(rs)b	14	UGC 6809 MCG 1-30-17 CGCG 40-50 IRAS 11479+650 PGC 37014
IC 2969		Glxy SB(r)bc?	14	MCG -1-30-40 IRAS 11499-335 PGC 37196
IC 2972		Non-Existent		NGC 3952 MCG -1-30-44 IRAS 11510-342 PGC 37285
IC 2974		Glxy SA(s)c? sp	13.5	MCG -1-30-45 IRAS 11512-453 PGC 37304
IC 2975		Non-Existent		
IC 745		Glxy S0	14.2	UGC 6877 MCG 0-30-34 MK 1308 CGCG 12-114 ARAK332 UM465 PGC 37339
IC 2976		Non-Existent		NGC 3979 UGC 6907 MCG 0-31-3 CGCG 13-5 PGC 37488
NGC 3979		Glxy SB0^ pec:	13.7	IC 2976 PGC 37488 UGC 6907 MCG 0-31-3 CGCG 13-5
NGC 3976A		Glxy S0-a	14.9	
IC 747		Glxy		
IC 748		Glxy	16	MCG 1-31-6 CGCG 41-11 ARAK336 IRAS 11548+744 PGC 37600
IC 2983		Non-Existent		NGC 4006 UGC 6951 MCG 0-31-6 CGCG 13-15 PGC 37655
NGC 4006		Glxy E pec:	13.6	IC 2983 UGC 6951 MCG 0-31-6 CGCG 13-15 PGC 37655
NGC 4012		Glxy Sb	14.3	UGC 6960 MCG 2-31-6 CGCG 69-9 PGC 37686
IC 753		Glxy SB(r)0^	15.2	UGC 6979 MCG 0-31-12 CGCG 13-23 ARAK340 PGC 37745
IC 754		Glxy E+	14.1	UGC 6984 MCG 0-31-13 CGCG 13-25 PGC 37757
NGC 4029		Glxy Sb:	14.3	UGC 6990 MCG 1-31-8 CGCG 41-17 PGC 37816
NGC 4043		Glxy (R)SB(r)0^:	14.6	UGC 7015 MCG 1-31-12 CGCG 41-26 IRAS 11597+437 PGC 38010
NGC 4044	H491-3	Glxy E+:	14	UGC 7018 MCG 0-31-20 CGCG 13-43 PGC 38018
NGC 4046		Non-Existent		NGC 4045 PGC 38031 UGC 7021 MCG 0-31-22 CGCG 13-46 IRAS 12001+215
NGC 4045A		Glxy SB(r)0^ pec sp	14.4	MCG 0-31-21 CGCG 13-45 ARAK343 PGC 38033

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Object	Her	Type	Mag	Alias/Notes
IC 756		Glxy (R')SA(s)c:	14.3	UGC 7026 MCG 1-31-15 CGCG 41-29 PGC 38054
IC 2988		Non-Existent		(STAR)
NGC 4058		Glxy SAB(r)0+:	14.1	UGC 7036 MCG 1-31-17 CGCG 41-32 PGC 38124
NGC 4063		Glxy SAB0^:	14.9	UGC 7042 MCG 0-31-26 CGCG 13-55 PGC 38154
IC 2989		Non-Existent		NGC 4139 MCG 0-31-30 CGCG 13-61 PGC 38213
NGC 4139		Glxy SB(rs)0^	14.7	IC 2989 PGC 38213 MCG 0-31-30 CGCG 13-61
NGC 4075		Glxy SA(r)0+	14.5	MCG 0-31-32 CGCG 13-64 PGC 38216
NGC 4077	H258-3	Glxy S0	13.3	
NGC 4140		Non-Existent		NGC 4077 PGC 38218 UGC 7063 MCG 0-31-31 CGCG 13-63
IC 2990		Glxy	15.4	MCG 2-31-22 CGCG 69-42 PGC 38219
NGC 4078		Glxy S0?	14.2	NGC 4107 PGC 38238 UGC 7066 MCG 2-31-23 CGCG 69-43
NGC 4082		Glxy	15.4	MCG 2-31-26 CGCG 69-46 PGC 38274
IC 2991		Glxy S	15.9	MCG 2-31-25 CGCG 69-45 PGC 38273
NGC 4083		Glxy L	15.3	MCG 2-31-24 CGCG 69-44 PGC 38275
IC 2994		Glxy	15.5	CGCG 69-47 PGC 38291
NGC 4107		Non-Existent		
IC 3004		Glxy S R	15.6	MCG 2-31-30 CGCG 69-54 PGC 38457
IC 3006		Non-Existent		(STAR)
NGC 4119	H14-2	Glxy		
IC 3009		Non-Existent		
IC 3012		Glxy	15.2	CGCG 69-61 PGC 38546
IC 3013		Glxy S R	15.1	MCG 2-31-37 CGCG 69-60 PGC 38547
NGC 4129	H548-2	Glxy SBab	12.5	
NGC 4130		Non-Existent		NGC 4129 PGC 38580 MCG -1-31-6 IRAS 12063-845
IC 3016		Glxy SB	15.2	CGCG 69-63 VCC7 PGC 38620
IC 3021		Glxy Sm	14.9	UGC 7149 CGCG 69-67 VCC15 PGC 38684
IC 3024		Glxy S?	15.1	UGC 7161 MCG 2-31-39 CGCG 69-68 VCC18 IRAS 12076+1236 PGC 38709
IC 3025		Glxy S0?	15.4	MCG 2-31-40 CGCG 69-69 VCC21 PGC 38726
IC 3028		Glxy		
IC 767		Glxy E?	14.8	MCG 2-31-42 MK 760 CGCG 69-73 VCC32 PGC 38792
IC 768		Glxy Scd:	14.5	UGC 7192 MCG 2-31-44 CGCG 69-75 VCC38 KUG 1209+124 PGC 38848
NGC 4164		Glxy E3	15.7	CGCG 69-76 VCC43 PGC 38877
IC 3035		Non-Existent		NGC 4165 UGC 7201 MCG 2-31-45 CGCG 69-78 VCC47 KUG 1209+135 PGC 38885
NGC 4165		Glxy SAB(r)a:?	14.4	IC 3035 PGC 38885 UGC 7201 MCG 2-31-45 CGCG 69-78 VCC47 KUG 1209+135
IC 3036		Glxy Sm	14.3	UGC 7200 CGCG 69-77 VCC48 PGC 38888
IC 3037		Glxy S	15.4	CGCG 69-80 VCC51 PGC 38894
IC 769		Glxy SA(rs)bc	13.4	UGC 7209 MCG 2-31-47 CGCG 69-83 VCC58 IRAS 12099+1224 PGC 38916
IC 3039		Glxy S?	15.4	MCG 2-31-48 CGCG 69-84 VCC59 KUG 1209+125 PGC 38919
IC 3038		Glxy S	15.3	CGCG 69-82 VCC57 PGC 38920
IC 3040		Glxy S?	15.3	MCG 2-31-49 CGCG 69-86 VCC60 PGC 38922
NGC 4176		Glxy Sb	15.8	PGC 38928
IC 3041		Glxy		
IC 3042		Non-Existent		NGC 4178 UGC 7215 MCG 2-31-50 CGCG 69-88 VCC66 PGC 38943
IC 3043		Glxy		

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IC 770		Glxy		
IC 3045		Non-Existent		(STAR)
NGC 4180	H133-2	Glxy Sab:	13.5	NGC 4182 PGC 38964 UGC 7219 MCG 1-31-25 CGCG 41-48 VCC73 IRAS 12104+719
IC 3046		Glxy S?	15.3	UGC 7220 MCG 2-31-52 CGCG 69-90 VCC76 PGC 38977
IC 3047		Glxy		
IC 3048		Non-Existent		(STAR)
NGC 4182		Non-Existent		
NGC 4191		Glxy S0	13.8	UGC 7233 MCG 1-31-26 CGCG 41-49 VCC94 PGC 39034
IC 3051		Non-Existent		UGC 7234 MCG 2-31-53 CGCG 69-91 VCC97 IRAS 12113+1326 PGC 39040
NGC 4193	H163-2	Glxy SAB(s)c:?	12.3	IC 3051 PGC 39040 UGC 7234 MCG 2-31-53 CGCG 69-91 VCC97 IRAS 12113+1326
IC 3052		Glxy		
IC 3055		Glxy		
NGC 4201		Glxy S0	14.4	MCG -2-31-24 IRAS 12120-1118 PGC 39120
NGC 4200	H164-2	Glxy S0	13.9	UGC 7251 MCG 2-31-57 CGCG 69-96 VCC122 PGC 39124
IC 3060		Glxy Sab	14.8	MCG 2-31-61 CGCG 69-99 VCC129 PGC 39147
IC 3063		Glxy Sa	14.8	UGC 7259 MCG 2-31-64 CGCG 69-102 VCC135 PGC 39160
IC 771		Glxy SB?	14.8	MCG 2-31-67 CGCG 69-105 VCC142 KUG 1212+134 PGC 39176
IC 3064		Non-Existent		UGC 7260 MCG 2-31-66 CGCG 69-104 VCC145 IRAS 12127+1318 PGC 39183
IC 3068		Glxy		
IC 3069		Glxy		
IC 3070		Non-Existent		(STAR)
IC 3071		Non-Existent		
IC 3072		Non-Existent		(STAR)
IC 3078		Glxy Sb(r) l;	15.1	MCG 2-31-73 MK 764 CGCG 69-114 VCC174 KUG 1213+129 PGC 39263
IC 3079		Glxy SB	15.4	CGCG 69-116 VCC177 PGC 39273
IC 3076		Non-Existent		(STAR)
IC 3081		Glxy E	15.4	MCG 2-31-74 CGCG 69-117 VCC178 PGC 39282
IC 3083		Non-Existent		
IC 3087		Non-Existent		(STAR) UGC 7291 MCG 2-31-75 CGCG 69-119 VCC187 IRAS 12138+1334 PGC 39308
IC 3085		Non-Existent		(STAR)
IC 3086		Non-Existent		(STAR)
IC 3088		Non-Existent		(STAR)
IC 3090		Non-Existent		(STAR)
NGC 4223	H137-2	Glxy		
IC 3092		Glxy		
IC 3097		Glxy E	15.2	CGCG 69-124 VCC216 PGC 39375
IC 3100		Glxy S0?	14.8	UGC 7312 CGCG 69-125 VCC218 PGC 39381
NGC 4234		Glxy (R')SB(s)m	13.3	UGC 7309 MCG 1-31-35 CGCG 41-61 VCC221 IRAS 12146+357 PGC 39388
IC 3099		Glxy Scd?	14.9	UGC 7313 MCG 2-31-79 CGCG 69-126 VCC224 PGC 39390
IC 3098		Non-Existent		UGC 7310 MCG 1-31-36 CGCG 41-62 VCC222 PGC 39389
IC 3101		Glxy E	15.3	CGCG 69-128 VCC230 PGC 39405
NGC 4243		Non-Existent		NGC 4240 PGC 39411 MCG -2-31-29
IC 3102		Non-Existent		UGC 7319 MCG 1-31-38 CGCG 41-65 VCC234 PGC 39412
IC 3103		Non-Existent		(STAR)

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Object	Her	Type	Mag	Alias/Notes
IC 3105		Glxy Im:	14.7	UGC 7326 MCG 2-31-80 CGCG 69-130 VV 432 VCC241 PGC 39431
IC 3109		Glxy Sc(s)I	15	CGCG 69-134 VCC251 PGC 39451
IC 3107		Glxy S?	14.2	UGC 7330 MCG 2-31-82 CGCG 69-133 VCC257 PGC 39458
IC 3106		Non-Existent		(STAR)
IC 3111		Glxy S	15.2	CGCG 69-132 VCC259 PGC 39464
NGC 4247		Glxy (R)SAB(s)ab pec	14.4	MCG 1-31-42 CGCG 41-71 VCC265 IRAS 12153+733 PGC 39480
IC 3113		Non-Existent		UGC 7334 MCG 1-31-41 CGCG 41-70 VCC264 PGC 39479
NGC 4246	H91-3	Glxy SA(s)c	13.4	IC 3113 PGC 39479 UGC 7334 MCG 1-31-41 CGCG 41-70 VCC264
NGC 4249		Glxy S0_1_(0)	14.9	MCG 1-31-39 CGCG 41-68 VCC266 PGC 39481
IC 3115		Non-Existent		UGC 7333 MCG 1-31-40 CGCG 41-69 VV 431 VCC267 PGC 39483
IC 3117		Non-Existent		(STAR)
IC 773		Glxy SB0+?	14.5	MCG 1-31-44 CGCG 41-73 VCC271 IRAS 12155+625 PGC 39493
NGC 4202		Glxy SAB(rs)bc	14.4	UGC 7337 MCG 0-31-46 CGCG 13-121 PGC 39495
IC 3118		Glxy Im:	14.7	UGC 7339 MCG 2-31-83 CGCG 69-135 VCC275 PGC 39503
IC 3121		Glxy Sc	17.5	
IC 3123		Non-Existent		
IC 3124		Non-Existent		(STAR)
NGC 4252		Glxy Sb? sp	14.8	UGC 7343 MCG 1-31-45 CGCG 41-76 VCC289 PGC 39537
IC 3127		Glxy Sbc(s)I-II	15.4	MCG 2-31-84 CGCG 69-138 CGCG 70-1 VCC295 PGC 39546
IC 3128		Glxy Sc	14.2	
IC 3129		Non-Existent		
IC 774		Glxy		
IC 3130		Non-Existent		(STAR)
IC 3131		Glxy S0-a	13.8	IC 3132 IC 3131 MCG 1-31-46 CGCG 42-3 VCC308 PGC 39583
IC 3132		Non-Existent		IC 3132 IC 3131 MCG 1-31-46 CGCG 42-3 VCC308 PGC 39583
IC 775		Glxy SB0- pec:	13.3	UGC 7350 MCG 2-31-87 CGCG 70-4 VCC311 PGC 39587
IC 3133		Non-Existent		(STAR)
IC 3134		Glxy S	15.2	CGCG 70-3 VCC313 PGC 39593
IC 3136		Glxy S	14.9	UGC 7349 MCG 1-31-48 CGCG 42-5 VCC314 IRAS 12163+627 PGC 39601
IC 3137		Glxy		
IC 3138		Glxy		
IC 3139		Non-Existent		(STAR)
IC 776		Glxy Sdm	14.3	UGC 7352 MCG 2-31-88 CGCG 70-5 VV 614 VCC318 PGC 39613
NGC 4257		Glxy Sab: sp	14.9	MCG 1-31-49 CGCG 42-6 VCC323 PGC 39624
IC 3147		Non-Existent		
IC 3148		Glxy SB?	15	MCG 1-31-55 CGCG 42-16 VCC343 PGC 39658
NGC 4259		Glxy S0 sp	14.6	UGC 7359 MCG 1-31-51 CGCG 42-12 ARAK356 VCC342 PGC 39657
IC 3149		Glxy SB?	15.1	MCG 2-31-93 CGCG 70-9 VCC348 PGC 39664
IC 3150		Glxy	16.2	CGCG 42-17 VCC352 PGC 39673
IC 3151		Glxy SBa(r)I	14.9	MCG 2-32-2 CGCG 70-10 VCC356 PGC 39682
IC 3153		Glxy Sc(r)I-II	15.2	CGCG 42-19 VCC359 PGC 39693
NGC 4266		Glxy SB(s)a? sp	14.6	UGC 7368 MCG 1-32-2 CGCG 42-21 VCC362 IRAS 12171+548 PGC 39699
IC 3156		Glxy SBc(s):	14.8	MCG 2-32-3 CGCG 70-11 VCC363 PGC 39703
IC 3155		Glxy S0 sp	15	MCG 1-32-3 CGCG 42-22 VCC366 PGC 39708
IC 3157		Glxy L	15.2	CGCG 70-12 VCC374 PGC 39716

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Object	Her	Type	Mag	Alias/Notes
IC 3158		Non-Existent		(STAR)
NGC 4269		Glxy S0+	13.9	UGC 7372 MCG 1-32-5 CGCG 42-24 VCC373 PGC 39719
IC 3159		Glxy		
IC 3160		Non-Existent		(STAR)
IC 3161		Non-Existent		(STAR)
IC 3163		Non-Existent		(STAR)
IC 3162		Non-Existent		(STAR)
NGC 4277	H571-2	Glxy SAB(rs)0/a:	13.4	MCG 1-32-9 CGCG 42-29 VCC386 PGC 39759
NGC 4276		Glxy SB?	13.4	UGC 7385 MCG 1-32-10 CGCG 42-32 VCC393 IRAS 12175+757 PGC 39765
IC 3167		Glxy dSB0(3),N:	14.8	CGCG 70-17 VCC407 PGC 39795
NGC 4280		Non-Existent		
IC 3114		Non-Existent		
NGC 4282		Glxy S0?	14.9	MCG 1-32-13 CGCG 42-35 VCC411 PGC 39809
NGC 4279		Glxy (R)SB(r)0+:	14.5	MCG -2-32-3 PGC 39812
IC 3170		Glxy Sbc(s)I-II	14.9	MCG 2-32-7 CGCG 70-18 VCC417 PGC 39816
IC 3174		Glxy S R	15.2	CGCG 70-20 VCC419 PGC 39822
IC 3173		Glxy S	15.3	CGCG 70-21 VCC420 PGC 39823
IC 3175		Glxy S?	16	CGCG 70-19 VCC424 PGC 39831
IC 3182		Non-Existent		(STAR)
IC 3183		Non-Existent		
NGC 4287		Glxy S (on-edge)	14.9	MCG 1-32-14 CGCG 42-37 VCC434 PGC 39860
IC 3187		Glxy S R	15.4	CGCG 70-23 VCC443 PGC 39871
IC 3188		Glxy S?	15.3	MCG 2-32-8 CGCG 70-22 VCC442 PGC 39872
IC 3190		Non-Existent		
NGC 4289		Glxy SA(s)cd: sp	14.6	UGC 7403 MCG 1-32-15 CGCG 42-38 VCC449 IRAS 12184+400 PGC 39886
IC 3191		Non-Existent		(STAR)
IC 3192		Glxy		
NGC 4292		Glxy (R)SB(r)0^	12.2	UGC 7404 MCG 1-32-16 CGCG 42-40 VCC462 PGC 39922
NGC 4292A		Glxy E-S0	15	
NGC 4297	H93-3	Glxy S0	15.2	MCG 1-32-18 CGCG 42-41 VCC473 PGC 39940
NGC 4296	H92-3	Glxy S0	13.7	UGC 7409 MCG 1-32-17 CGCG 42-41 VCC475 PGC 39943
IC 3196		Glxy		
NGC 4301		Glxy SA(r)0/a: sp	14.6	NGC 4303A PGC 39951 UGC 7411 MCG 1-32-19 CGCG 42-42 VCC482
IC 782		Glxy SB0/SBa(r)	14.5	MCG 1-32-20 CGCG 42-43 VCC486 PGC 39962
IC 3199		Glxy S	14.9	UGC 7417 CGCG 70-26 VCC500 PGC 39983
IC 3208		Glxy		
IC 3209		Glxy S?	15.7	CGCG 70-30 VCC527 PGC 40038
IC 3211		Glxy Sd	15.1	UGC 7430 MCG 2-32-12 CGCG 70-28 VCC526 PGC 40034
NGC 4307A		Non-Existent		
NGC 4309A		Glxy C	15	
IC 3218		Glxy E?	15.2	MCG 1-32-26 CGCG 42-52 VCC542 PGC 40067
IC 3220		Glxy		
NGC 4303A		Non-Existent		NGC 4301 PGC 40087 UGC 7439 MCG 1-32-27 CGCG 42-53 VCC552 IRAS 12198+450
IC 3223		Non-Existent		(STAR)
IC 784		Glxy SAB(rs)bc:	13.8	MCG -1-32-6 IRAS 12199-422 PGC 40092

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Object	Her	Type	Mag	Alias/Notes
IC 3224		Glxy		
IC 3225		Glxy Sdm:	14.5	UGC 7441 MCG 1-32-28 CGCG 42-54 VCC567 PGC 40111
NGC 4315		Non-Existent		
NGC 4316		Glxy Scd?	13.6	UGC 7447 MCG 2-32-17 CGCG 70-35 VCC576 IRAS 12201+936 PGC 40119
NGC 4318		Glxy E?	14.2	UGC 7446 MCG 2-32-15 CGCG 42-59 CGCG 70-33 ARAK359 VCC575 PGC 40122
IC 3229		Glxy Sb-c	15.2	UGC 7448 MCG 1-32-30 CGCG 42-61 VCC593 PGC 40147
IC 3233		Glxy		
NGC 4320		Glxy S?	14.8	UGC 7452 MCG 2-32-18 CGCG 70-36 VCC599 IRAS 12204+1049 8ZW184 PGC 40160
IC 3236		Glxy		
NGC 4325		Glxy E?	14.3	NGC 4368 PGC 40183 MCG 2-32-19 CGCG 70-37 VCC616
IC 3239		Glxy S?	15.7	CGCG 70-38 VCC620 PGC 40187
IC 3240		Glxy		
IC 3245		Non-Existent		
IC 3246		Glxy		
NGC 4333	H142-2	Glxy SB(s)ab	14.5	MCG 1-32-34 CGCG 42-65 VCC637 PGC 40217
NGC 4334		Glxy SB(s)ab	13.9	UGC 7458 MCG 1-32-35 CGCG 42-66 VCC638 IRAS 12208+744 PGC 40218
IC 3255		Glxy C	15	CGCG 70-40 VCC649 8ZW185 PGC 40241
IC 3256		Non-Existent		UGC 7466 MCG 1-32-39 CGCG 42-71 ARAK361 VCC657 PGC 40252
IC 3258		Glxy IB(s)m pec:	13.6	UGC 7470 MCG 2-32-21 CGCG 70-42 VCC664 IRAS 12211+1245 KUG 1221+127 PGC 40264
IC 3257		Non-Existent		
IC 3260		Non-Existent		UGC 7472 MCG 1-32-42 CGCG 42-76 VCC672 PGC 40280
IC 3261		Glxy		
NGC 4347		Non-Existent		
IC 3265		Non-Existent		(STAR)
IC 3266		Non-Existent		IC 3265 MCG 1-32-43 CGCG 42-77 VCC688 PGC 40303
NGC 4353		Glxy IBm:	14.4	IC 3266 PGC 40303 IC 3265 MCG 1-32-43 CGCG 42-77 VCC688
NGC 4354		Non-Existent		NGC 4351 PGC 40306 UGC 7476 MCG 2-32-24 CGCG 70-45 VCC692 IRAS 12214+1229 KUG 1221+124
IC 3267		Glxy SA(s)cd	14.2	UGC 7474 MCG 1-32-44 CGCG 42-79 VCC697 PGC 40317
IC 3268		Glxy Pec	14.1	UGC 7477 MCG 1-32-45 CGCG 42-80 VCC699 IRAS 12215+653 PGC 40321
IC 3271		Glxy SABc	14.5	UGC 7481 MCG 1-32-47 CGCG 42-82 VCC712 PGC 40337
NGC 4360B		Non-Existent		
IC 3274		Glxy S0?	15.6	MCG 2-32-27 CGCG 70-50 VCC715 PGC 40344
IC 3273		Non-Existent		UGC 7482 MCG 2-32-26 CGCG 70-48 VCC713 IRAS 12217+848 PGC 40342
IC 3275		Glxy		
NGC 4360		Glxy E	13.3	UGC 7484 MCG 2-32-28 CGCG 70-52 VCC722 PGC 40363
NGC 4360A		Non-Existent		
IC 3279		Non-Existent		(STAR)
IC 3280		Glxy S?	15	
IC 3281		Non-Existent		
NGC 4367		Non-Existent		
IC 3284		Glxy SBR	15.3	CGCG 70-55 VCC736 PGC 40400
NGC 4368	H38-3	Non-Existent		
NGC 4366	H97-3	Glxy E	15	MCG 1-32-50 CGCG 42-87 VCC745 PGC 40421
IC 3291		Glxy		

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Observed: No

Object	Her	Type	Mag	Alias/Notes
IC 3305		Glxy S	15.1	UGC 7499 MCG 2-32-36 CGCG 70-59 VCC786 PGC 40488
IC 3303		Glxy E+?	14.8	UGC 7500 MCG 2-32-35 CGCG 70-60 VCC781 PGC 40485
NGC 4376	H530-2	Glxy Im	13.9	UGC 7498 MCG 1-32-53 CGCG 42-93 VCC787 IRAS 12227+601 PGC 40494
IC 3311		Glxy Sdm:	14.9	UGC 7510 MCG 2-32-38 CGCG 70-63 VCC809 KUG 1223+125 PGC 40530
IC 3315		Glxy		
IC 3318		Non-Existent		(STAR)
IC 3320		Non-Existent		
NGC 4390	H39-3	Glxy SAB(s)c:	13.3	IC 3320 PGC 40597 UGC 7519 MCG 2-32-40 CGCG 70-67 IRAS 12233+1044
IC 3319		Non-Existent		
IC 3322		Glxy SAB(s)cd: sp	14.2	UGC 7518 MCG 1-32-57 CGCG 42-98 VCC851 IRAS 12233+750 PGC 40607
IC 3328		Glxy E?	14.7	MCG 2-32-42 CGCG 70-69 VCC856 PGC 40616
IC 3331		Glxy S?	15.3	MCG 2-32-43 CGCG 70-70 VCC870 KUG 1223+120 PGC 40638
NGC 4398		Non-Existent		
IC 3333		Non-Existent		(STAR)
NGC 4407		Glxy		
IC 789		Glxy S0?	14.9	UGC 7533 MCG 1-32-61 CGCG 42-102 VCC889 PGC 40673
NGC 4410		Glxy Sab/P	13.8	
NGC 4411		Non-Existent		UGC 7537 MCG 2-32-48 CGCG 70-74 VCC905 PGC 40695
IC 3339		Non-Existent		
IC 790		Glxy S0?	15.5	MCG 2-32-51 CGCG 70-75 VCC919 PGC 40713
NGC 4412	H34-2	Glxy SB(r)b? pec	13.2	UGC 7536 MCG 1-32-62 CGCG 42-104 VCC921 IRAS 12240+414 PGC 40715
IC 3343		Non-Existent		(STAR)
NGC 4415	H482-3	Glxy S0/a	13.1	UGC 7540 MCG 2-32-52 CGCG 70-78 VCC929 PGC 40727
IC 3346		Glxy		
IC 3347		Glxy		
NGC 4416		Glxy SB(rs)cd:	13.1	UGC 7541 MCG 1-32-63 MK 1326 CGCG 42-105 VCC938 IRAS 12242+811 PGC 40743
IC 3349		Glxy E?	14.8	CGCG 70-81 VCC940 PGC 40744
IC 3350		Non-Existent		(STAR)
IC 3352		Non-Existent		
IC 3356		Glxy Im	15.2	UGC 7547 CGCG 70-84 VCC950 PGC 40761
IC 3355		Glxy Im	15.2	UGC 7548 MCG 2-32-56 DDO124 CGCG 70-85 VV 511 VCC945 KUG 1224+134 PGC 40754
IC 3357		Glxy S	15.4	CGCG 70-83 VCC946 PGC 40757
IC 3354		Non-Existent		(STAR)
IC 3358		Glxy E?	14.3	UGC 7550 MCG 2-32-57 CGCG 70-86 VCC951 PGC 40764
NGC 4418	H492-3	Non-Existent		
NGC 4355		Glxy (R')SAB(s)a	14	NGC 4418 PGC 40762 UGC 7545 MCG 0-32-12 CGCG 14-39 IRAS 12243-36
NGC 4409	H17-3	Glxy SB(r)bc:	12.9	NGC 4420 PGC 40775 UGC 7549 MCG 1-32-64 CGCG 42-106 VCC957 IRAS 12244+246
IC 3361		Glxy		
IC 3363		Glxy E?	15.3	CGCG 70-88 VCC965 PGC 40786
NGC 4423	H145-2	Glxy Sdm:	14	UGC 7556 MCG 1-32-65 CGCG 42-107 VCC971 IRAS 12246+609 PGC 40801
NGC 4422	H114-3	Glxy SA0- pec?	14.5	MCG -1-32-10 PGC 40813
IC 3366		Glxy		
IC 3371		Glxy Scd:	15.4	UGC 7565 MCG 2-32-60 CGCG 70-92 VCC995 PGC 40839
NGC 4430	H146-2	Glxy SB(rs)b:	12.8	UGC 7566 MCG 1-32-67 CGCG 42-111 VCC1002 IRAS 12248+632 PGC 40851

## Virgo - The Virgin

Observed: No

Object	Her	Type	Mag	Alias/Notes
NGC 4431	H171-2	Glxy SA(r)0	13.7	UGC 7569 MCG 2-32-62 CGCG 70-94 VCC1010 PGC 40852
NGC 4428		Glxy SAB(rs)c	13.3	MCG -1-32-12 IRAS 12248-753 PGC 40860
NGC 4432		Glxy Sbc	14.8	UGC 7570 MCG 1-32-68 CGCG 42-114 VCC1018 PGC 40875
IC 3374		Glxy I?	15.2	CGCG 70-95 VCC1021 PGC 40876
NGC 4434	H497-2	Glxy E	12.1	UGC 7571 MCG 1-32-69 CGCG 42-115 VCC1025 PGC 40886
NGC 4433		Glxy SAB(s)ab	13.3	MCG -1-32-13 IRAS 12250-800 PGC 40894
NGC 4436	H172-2	Glxy S0	13.9	UGC 7573 MCG 2-32-66 CGCG 70-96 VCC1036 PGC 40903
NGC 4440	H173-2	Glxy SB(rs)a	12.7	UGC 7581 MCG 2-32-67 CGCG 70-99 VCC1047 PGC 40927
IC 793		Non-Existent		
IC 794		Glxy E+:	14.1	UGC 7585 MCG 2-32-70 CGCG 70-102 VCC1073 PGC 40964
IC 3383		Glxy E	15	MCG 2-32-75 CGCG 70-105 VCC1075 PGC 40970
IC 3381		Glxy E+:	14.4	UGC 7589 MCG 2-32-74 CGCG 70-106 VCC1087 PGC 40985
NGC 4445		Glxy Sab: sp	13.7	UGC 7587 MCG 2-32-72 CGCG 70-104 VCC1086 PGC 40987
IC 3386		Glxy		
IC 3388		Glxy E?	15.4	CGCG 70-109 VCC1104 PGC 41018
IC 3393		Glxy S0+:	14.9	MCG 2-32-81 CGCG 70-113 VCC1122 PGC 41054
NGC 4452	H23-1	Glxy S0?	12.9	UGC 7601 MCG 2-32-80 CGCG 70-112 VCC1125 PGC 41060
NGC 4453	H26-2	Glxy S?	15.8	MCG 1-32-73 CGCG 42-121 VCC1130 IRAS 12262+647 PGC 41072
IC 3400		Non-Existent		(STAR)
IC 3404		Non-Existent		
IC 3408		Non-Existent		(STAR)
IC 3413		Glxy E?	14.7	UGC 7620 MCG 2-32-88 CGCG 70-120 VCC1183 PGC 41155
IC 3412		Glxy I?	15.3	CGCG 70-119 VCC1179 PGC 41152
NGC 4466		Glxy Sab? sp	14.4	UGC 7626 MCG 1-32-81 CGCG 42-131 VCC1193 PGC 41170
IC 3416		Glxy I?	15.2	MCG 2-32-91 CGCG 70-124 VCC1200 PGC 41178
IC 3417		Non-Existent		(STAR)
NGC 4471		Non-Existent		
IC 3418		Glxy IBm:	14	UGC 7630 MCG 2-32-92 DDO130 VCC1217 PGC 41207
IC 3425		Glxy S0?	14.6	UGC 7633 MCG 2-32-95 CGCG 70-126 VCC1243 PGC 41244
IC 3427		Non-Existent		UGC 7640 MCG 2-32-98 CGCG 70-130 VCC1261 PGC 41272
IC 3430		Glxy I	15.3	UGC 7643 CGCG 70-132 VCC1273 PGC 41294
IC 3431		Glxy		
NGC 4480	H531-2	Glxy SAB(s)c	13.2	UGC 7647 MCG 1-32-87 CGCG 42-139 VCC1290 IRAS 12278+431 PGC 41317
NGC 4483		Glxy SB(s)0+:	13.1	UGC 7649 MCG 2-32-103 CGCG 70-136 VCC1303 PGC 41339
IC 3437		Glxy E?	15.4	CGCG 70-138 VCC1308 PGC 41350
IC 3438		Non-Existent		UGC 7656 MCG 1-32-89 CGCG 42-141 VCC1330 PGC 41383
IC 3440		Glxy E	15.9	
IC 3443		Glxy E?	15.7	MCG 2-32-112 CGCG 70-143 VCC1348 PGC 41421
IC 3445		Glxy		
IC 3447		Glxy		
IC 3452		Non-Existent		
NGC 4496	H36-2	Glxy	19.5	VCC1364 PGC 41450
IC 3457		Glxy E3:	13.9	UGC 7672 MCG 2-32-114 CGCG 70-146 VCC1386 PGC 41494
IC 3459		Glxy Im:	14.8	UGC 7674 MCG 2-32-115 CGCG 70-147 VCC1392 PGC 41505
IC 3461		Glxy E?	15	MCG 2-32-116 CGCG 70-148 VCC1407 PGC 41529



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Observed: No

Object	Her	Type	Mag	Alias/Notes
IC 3466		Glxy S?	15.7	MCG 2-32-117 CGCG 70-150 VCC1411 PGC 41536
IC 3463		Non-Existent		(STAR)
IC 3465		Glxy		
IC 3468		Glxy E	14.1	UGC 7681 MCG 2-32-119 CGCG 70-151 VCC1422 PGC 41552
NGC 4505	H18-3	Non-Existent		
NGC 4508		Non-Existent		
IC 3467		Glxy Sc	15.3	UGC 7686 MCG 2-32-121 CGCG 70-154 VCC1429 PGC 41572
NGC 4517A		Glxy SB(rs)dm:	12.5	UGC 7685 MCG 0-32-19 CGCG 14-62 PGC 41578
IC 3474		Glxy Sd sp	14.8	UGC 7687 MCG 1-32-91 CGCG 42-145 VCC1442 PGC 41599
IC 3475		Glxy E:	13.8	UGC 7692 MCG 2-32-123 DDO132 CGCG 70-156 VCC1448 PGC 41606
NGC 4517		Non-Existent		NGC 4437
NGC 4518B		Glxy Sab	14.2	
NGC 4518A		Non-Existent		
IC 3485		Non-Existent		(STAR)
IC 3486		Glxy		
IC 3487		Glxy E6:	15	MCG 2-32-133 CGCG 70-161 VCC1488 PGC 41680
IC 3489		Glxy S?	15.3	MCG 2-32-130 CGCG 70-163 VCC1490 IRAS 12307+1231 PGC 41683
IC 3490		Glxy E?	15.9	CGCG 70-162 VCC1489 PGC 41681
IC 3492		Glxy S0?	15.5	MCG 2-32-131 CGCG 70-164 ARAK376 VCC1499 PGC 41698
IC 3493		Non-Existent		(STAR)
IC 799		Non-Existent		PGC 41748
IC 3504		Non-Existent		(STAR)
IC 3509		Glxy E	14.9	CGCG 70-174 VCC1545 PGC 41797
IC 3506		Glxy		
NGC 4535A		Glxy S	15.2	
NGC 4533		Glxy SAd: sp	14.4	UGC 7725 MCG 1-32-102 CGCG 42-157 VCC1557 PGC 41816
IC 3517		Glxy Sdm:	15.4	UGC 7733 MCG 2-32-143 CGCG 70-176 VCC1566 PGC 41829
IC 3518		Glxy Im:	14.8	UGC 7734 CGCG 70-177 VCC1567 PGC 41828
IC 3521		Glxy lBm	13.8	UGC 7736 MCG 1-32-106 CGCG 42-162 VCC1575 IRAS 12321+726 PGC 41847
NGC 4538		Glxy S?	15.3	MCG 1-32-105 CGCG 42-161 ARAK378 VCC1576 IRAS 12320+336 PGC 41850
IC 3525		Glxy		
NGC 4541	H493-3	Glxy (R')SAB(r)bc:	13.8	UGC 7749 MCG 0-32-24 CGCG 14-71 IRAS 12326+3 PGC 41911
NGC 4543		Glxy E3	14.5	MCG 1-32-109 CGCG 42-167 VCC1608 PGC 41923
IC 3537		Non-Existent		(STAR)
IC 3540		Glxy S0?	14.9	MCG 2-32-146 CGCG 70-180 ARAK379 VCC1614 PGC 41936
NGC 4544		Glxy SB0/a? sp	14	UGC 7756 MCG 1-32-110 CGCG 42-168 VCC1624 PGC 41958
NGC 4554		Non-Existent		
IC 3542		Glxy		
IC 3548		Glxy		
NGC 4560	H119-1	Non-Existent		
IC 3562		Glxy I?	15.7	CGCG 70-185 VCC1654 PGC 42021
IC 3558		Glxy		
IC 3566		Non-Existent		
NGC 4564	H68-2	Glxy E	12.1	UGC 7773 MCG 2-32-150 CGCG 70-186 VCC1664 PGC 42051
IC 3572		Non-Existent		

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Observed: No

Object	No	Her	Type	Mag	Alias/Notes
IC	3573		Glxy		
IC	3574		Glxy		
IC	3576		Glxy Sm	14	UGC 7781 MCG 1-32-112 DDO138 CGCG 42-176 VCC1678 PGC 42074
IC	3577		Non-Existent		(STAR)
IC	3578		Glxy Sc	15.3	UGC 7782 MCG 2-32-153 CGCG 70-190 VCC1684 PGC 42079
IC	3584		Non-Existent		
IC	3586		Glxy dS0:	14.6	MCG 2-32-157 CGCG 70-193 VCC1695 PGC 42099
IC	3589		Non-Existent		
IC	3591		Glxy IBm	14.4	IC 3589 UGC 7790 MCG 1-32-115 MK 1329 CGCG 42-179 VCC1699 PGC 42108
NGC	4577	H13-3	Non-Existent		
NGC	4576		Glxy SAB(rs)bc:	14.2	UGC 7792 MCG 1-32-116 CGCG 42-182 VCC1721 PGC 42152
IC	3602		Glxy E	15.3	CGCG 70-198 VCC1743 PGC 42205
NGC	4582		Non-Existent		
IC	3604		Glxy		
IC	3606		Glxy		
IC	3607		Glxy		
NGC	4587		Glxy SA(r)0 <sup>+</sup> :	14.5	UGC 7805 MCG 1-32-123 CGCG 42-188 VCC1763 PGC 42253
IC	3608		Glxy Sb:	14.6	UGC 7808 CGCG 70-201 VCC1768 PGC 42264
NGC	4588	H98-3	Glxy Scd:	15	UGC 7810 MCG 1-32-124 CGCG 42-189 VCC1772 PGC 42277
NGC	4591	H504-3	Glxy S?	14	NGC 4577 PGC 42319 UGC 7821 MCG 1-32-125 CGCG 42-191 VCC1780 IRAS 12366+617
IC	3617		Glxy Im	14.4	UGC 7822 MCG 1-32-127 DDO140 CGCG 42-194 VCC1791 PGC 42348
IC	3625A		Glxy	15.5	MCG 2-32-165 ARAK384 PGC 42361
IC	3625		Glxy L	15.5	CGCG 70-203 VCC1799 PGC 42364
IC	3624		Glxy		
IC	3625B		Glxy E	16.7	MCG 2-32-166 VCC1803 PGC 42372
IC	3631		Glxy S?	14.6	UGC 7825 MCG 2-32-169 CGCG 70-204 VCC1809 PGC 42389
IC	3633		Glxy E	15.2	CGCG 70-208 VCC1826 PGC 42426
IC	3634		Glxy		
IC	3635		Glxy Scd?	15	UGC 7830 CGCG 70-209 VCC1828 PGC 42430
IC	3638		Glxy Sbc(r)II	14.5	MCG 2-32-172 CGCG 70-210 VCC1830 PGC 42435
IC	3643		Glxy		
IC	3647		Glxy Im:	14.5	UGC 7834 MCG 2-32-173 CGCG 70-211 VCC1857 PGC 42503
IC	3648		Non-Existent		(STAR)
IC	3652		Glxy E	14.7	UGC 7838 MCG 2-32-175 CGCG 70-212 VCC1861 PGC 42521
IC	804		Glxy		
IC	3653		Glxy E?	14.8	MCG 2-32-178 CGCG 70-215 VCC1871 PGC 42550
NGC	4610	H19-2	Non-Existent		
IC	3663		Glxy		
IC	3665		Glxy Im:	15.1	UGC 7855 MCG 2-32-180 CGCG 70-220 VCC1890 PGC 42598
IC	3666		Non-Existent		(STAR)
IC	3670		Glxy		
NGC	4620		Glxy S0	13.2	UGC 7859 MCG 2-32-182 CGCG 70-224 VCC1902 PGC 42619
IC	809		Glxy E	14.5	IC 809 IC 3672 UGC 7863 MCG 2-32-184 CGCG 70-225 VCC1910 PGC 42638
IC	3672		Non-Existent		IC 809 IC 3672 UGC 7863 MCG 2-32-184 CGCG 70-225 VCC1910 PGC 42638

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Observed: No

Object	Her	Type	Mag	Alias/Notes
IC 810		Glxy S0?	14.4	UGC 7864 MCG 2-32-185 CGCG 70-226 VCC1912 PGC 42643
IC 3684		Glxy		
NGC 4626	H772-2	Glxy SB(s)bc: sp	12.7	MCG -1-32-40 IRAS 12398-646 PGC 42680
NGC 4628	H773-2	Glxy SA(s)b: sp	14.5	MCG -1-32-41 MK 1333 IRAS 12398-641 PGC 42681
IC 3685		Non-Existent		
NGC 4629		Glxy SAB(s)m pec	13.8	UGC 7869 MCG 0-32-37 CGCG 14-109 PGC 42692
IC 3686		Glxy Sc(s)II	15	MCG 2-32-186 CGCG 71-1 CGCG 70-227 VCC1927 PGC 42698
IC 3690		Glxy S	15.2	UGC 7879 CGCG 71-4 VCC1940 IRAS 12402+1037 PGC 42732
NGC 4640		Glxy SB?	14.4	UGC 7888 MCG 2-32-190 CGCG 71-9 VCC1949 PGC 42753
NGC 4640A		Non-Existent		
IC 3693		Glxy		
NGC 4640B		Glxy S0	16.2	
IC 3694		Glxy S?	15.3	MCG 2-32-192 CGCG 71-10 VV 505 VCC1954 PGC 42766
NGC 4641		Glxy S0	14.2	UGC 7889 MCG 2-32-191 CGCG 71-11 VCC1955 PGC 42769
IC 3698		Glxy S?	15.4	MCG 2-32-193 CGCG 71-12 VCC1961 IRAS 12408+1128 PGC 42790
NGC 4642	H494-3	Glxy SAB(rs)bc p sp	13.8	UGC 7893 MCG 0-33-4 CGCG 15-7 IRAS 12407-22 PGC 42791
IC 3702		Glxy SB?	15.9	CGCG 71-14 VCC1969 PGC 42810
IC 3701		Glxy		
IC 3704		Glxy Sbc	14.8	UGC 7899 MCG 2-33-3 CGCG 71-17 VCC1979 IRAS 12412+1102 PGC 42836
IC 3706		Non-Existent		(STAR)
NGC 4653	H662-3	Glxy SAB(rs)cd	12.2	UGC 7900 MCG 0-33-6 CGCG 15-9 IRAS 12412-17 PGC 42847
IC 3708		Knt in Glxy SAB(rs)cd	11.1	UGC 7902 MCG 2-33-4 CGCG 71-19 VCC1987 IRAS 12414+1324 PGC 42857
IC 3709		Glxy S?	15.3	CGCG 71-20 VCC1988 PGC 42869
IC 3710		Glxy Dwarf Irr	15.1	
IC 3711		Glxy		
IC 3712		Non-Existent		
IC 3714		Glxy SB	15.2	MCG 2-33-5 CGCG 71-22 VCC1997 PGC 42899
NGC 4658	H558-2	Glxy SB(s)bc	13	MCG -2-33-1 IRAS 12420-948 PGC 42929
IC 3716		Non-Existent		IC 3719 IC 3716 CGCG 43-16 VCC2007 PGC 42947
IC 3718		Glxy S	14.1	UGC 7920 MCG 2-33-8 CGCG 71-26 VCC2006 PGC 42944
IC 811		Non-Existent		MCG -2-33-2 PGC 42946
NGC 4663		Glxy SB(s)0^?	14.5	IC 811 PGC 42946 MCG -2-33-2
IC 3720		Glxy E?	15	UGC 7919 DDO145 VCC2008 PGC 42949
IC 3719		Glxy I?	16.1	IC 3719 IC 3716 CGCG 43-16 VCC2007 PGC 42947
IC 812		Glxy	14.1	PGC 42952
IC 3724		Glxy S	15.4	CGCG 71-27 VCC2009 PGC 42960
IC 3722		Non-Existent		(STAR)
IC 3727		Glxy Scd:	14.6	UGC 7927 MCG 2-33-9 CGCG 71-28 VCC2012 PGC 42969
IC 3731		Glxy		
IC 3732		Glxy		
IC 3733		Non-Existent		(STAR)
NGC 4667		Non-Existent		
IC 3739		Non-Existent		
NGC 4668	H663-3	Glxy SB(s)d:	13.6	UGC 7931 MCG 0-33-9 CGCG 15-16 IRAS 12429-15 PGC 42999
IC 814		Glxy		

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Observed: No

Object	Her	Type	Mag	Alias/Notes
IC 3743		Non-Existent		(STAR)
NGC 4671	H774-2	Glxy E+ pec:	14	MCG -1-33-4 MK 1334 PGC 43029
NGC 4674		Glxy SAB(s)a pec sp	14.2	MCG -1-33-5 PGC 43050
IC 3756		Glxy S/P	15.2	
IC 3754		Glxy Sab	14.6	UGC 7937 MCG 2-33-13 CGCG 71-34 VCC2036 PGC 43074
IC 815A		Glxy	15.2	IC 815 MCG 2-33-14 CGCG 71-35 PGC 43076
IC 815		Non-Existent		
IC 3760		Glxy		
IC 815B		Glxy S		IC 815 MCG 2-33-15 CGCG 71-35 PGC 43086
IC 816		Glxy SB?	14.9	UGC 7944 MCG 2-33-19 CGCG 71-38 VCC2044 PGC 43111
NGC 4680		Glxy Pec	13.4	MCG -2-33-7 IRAS 12443-1121 PGC 43118
IC 817		Glxy E-S0	13.9	IC 3764 IC 817 MCG 2-33-20 CGCG 71-39 VCC2046 PGC 43126
IC 3764		Non-Existent		IC 3764 IC 817 MCG 2-33-20 CGCG 71-39 VCC2046 PGC 43126
IC 3767		Glxy		
IC 3773		Glxy E	13.9	UGC 7952 MCG 2-33-21 CGCG 71-40 VCC2048 PGC 43146
NGC 4682	H523-3	Glxy SAB(s)cd	12.9	MCG -2-33-8 IRAS 12446-947 PGC 43147
IC 3770		Non-Existent		
IC 3775		Glxy		
IC 3779		Glxy E	15.4	CGCG 71-41 VCC2050 PGC 43154
IC 3777		Non-Existent		(STAR)
NGC 4688	H543-3	Glxy SB(s)cd	12.6	UGC 7961 MCG 1-33-13 CGCG 43-28 IRAS 12452+436 PGC 43189
NGC 4690	H664-3	Glxy (R')SA0-?	13.9	UGC 7964 MCG 0-33-12 CGCG 15-21 PGC 43202
IC 3790		Non-Existent		(STAR)
NGC 4694	H72-2	Glxy SB0 pec	11.4	UGC 7969 MCG 2-33-23 CGCG 71-44 VCC2066 IRAS 12457+1115 PGC 43241
IC 3792		Non-Existent		
IC 3797		Non-Existent		
IC 3798		Non-Existent		(STAR)
IC 3801		Non-Existent		
IC 3803		Non-Existent		(STAR)
IC 3807		Non-Existent		
IC 824		Non-Existent		MCG -1-33-18 IRAS 12471-418 PGC 43385
NGC 4678		Glxy Sc	13.5	IC 824-2 PGC 43385 MCG -1-33-18 IRAS 12471-418
IC 3812		Glxy Sc	15.8	MCG -1-33-19 IRAS 12472-626 PGC 43409
IC 825		Glxy		
NGC 4718		Glxy SB(rs)b? sp	14.7	MCG -1-33-20 IRAS 12479-500 PGC 43463
IC 3826		Glxy S0^	13.6	MCG -1-33-25 PGC 43473
NGC 4720	H611-3	Glxy E/S0	15	MCG -1-33-24 IRAS 12481-352 PGC 43478
NGC 4733	H73-2	Glxy E+:	11.8	UGC 7997 MCG 2-33-28 CGCG 71-54 VCC2087 PGC 43516
NGC 4734		Glxy Sc?	14.2	UGC 7998 MCG 1-33-19 CGCG 43-45 IRAS 12486+507 PGC 43525
NGC 4731A		Glxy Irr	11.8	
NGC 4746		Glxy Sb: sp	13.4	UGC 8007 MCG 2-33-29 CGCG 71-60 IRAS 12494+1221 PGC 43601
IC 828		Glxy		
NGC 4757		Glxy S0 sp	15.1	MCG -2-33-40 PGC 43715
NGC 4759	H559-2	Glxy S0^ pec	14	MCG -1-33-36 Hickson 62B PGC 43754
NGC 4759A		Non-Existent		

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Observed: No

Object	Her	Type	Mag	Alias/Notes
NGC 4776		Non-Existent		NGC 4759
NGC 4766		Glxy S0 sp	15.3	MCG -2-33-42 PGC 43766
NGC 4765	H544-3	Glxy S0/a?	13.4	UGC 8018 MCG 1-33-20 CGCG 43-54 ARAK391 VV 366 IRAS 12507+444 PGC 43775
NGC 4768		Non-Existent		
NGC 4769		Non-Existent		
NGC 4771	H535-2	Glxy SA/d? sp	12.9	UGC 8020 MCG 0-33-17 CGCG 15-31 IRAS 12507+132 PGC 43784
NGC 4770	H525-3	Glxy S0/a:	13.8	MCG -1-33-40 PGC 43804
NGC 4773	H516-3	Glxy E+ pec:	14.9	MCG -1-33-41 PGC 43810
NGC 4779	H106-3	Glxy SB(rs)bc	13.2	UGC 8022 MCG 2-33-34 MK 781 CGCG 71-68 IRAS 12513+958 PGC 43837
NGC 4777	H517-3	Glxy (R)SAB(s)a:	14.5	MCG -1-33-44 PGC 43852
NGC 4780A		Glxy Sb	14.8	
NGC 4780		Glxy SAB(rs)c	14.6	MCG -1-33-45 IRAS 12515-821 PGC 43870
IC 3859		Glxy		
NGC 4786	H187-2	Glxy E+ pec	12.7	MCG -1-33-46 PGC 43922
NGC 4784	H526-3	Glxy S0 sp	15	MCG -2-33-53 PGC 43929
NGC 4791		Glxy S	14.5	MCG 1-33-21 CGCG 43-60 PGC 43950
NGC 4790	H560-2	Glxy SB(rs)c:?	12.8	MCG -2-33-56 IRAS 12522-958 PGC 43972
NGC 4795	H21-2	Glxy SB0-a	12.2	
NGC 4796		Glxy (R')SB(r)a pec:	12.1	NGC 4795 UGC 8037 MCG 1-33-24 CGCG 43-64 PGC 43998
IC 3883		Glxy Sb	15	MCG -1-33-49 IRAS 12526-750 PGC 44016
NGC 4799	H548-3	Glxy S?	14.3	UGC 8043 MCG 1-33-25 CGCG 43-66 IRAS 12526+310 PGC 44017
NGC 4803		Glxy Compact	15.4	MCG 2-33-36 CGCG 71-73 CGCG 43-69 PGC 44061
NGC 4808	H141-1	Glxy SA(s)cd:	12.4	UGC 8054 MCG 1-33-28 CGCG 43-71 IRAS 12532+434 PGC 44086
NGC 4813	H777-2	Glxy S0^	14.5	MCG -1-33-55 PGC 44160
IC 3908		Glxy SB(s)d?	14.5	MCG -1-33-56 IRAS 12540-717 PGC 44166
IC 833		Glxy		
NGC 4820		Glxy S0 sp	15.6	MCG -2-33-67 PGC 44227
NGC 4822		Glxy S0-	14.3	MCG -2-33-69 PGC 44236
NGC 4825	H563-2	Glxy SA0-	12.7	MCG -2-33-70 PGC 44261
NGC 4823		Glxy E	17.2	PGC 44299
NGC 4829		Glxy S0/a	17.4	PGC 44305
NGC 4830		Glxy SAB0-	13.1	ESO 575-37 MCG -3-33-24 PGC 44313
NGC 4836		Glxy SAB(rs)d pec:	13.3	MCG -2-33-72 IRAS 12549-1228 PGC 44328
NGC 4838		Glxy (R')SB(r)b:	13.5	MCG -2-33-74 IRAS 12552-1247 PGC 44383
NGC 4843	H613-3	Glxy SA(r)0/a?	14	MCG 0-33-24 CGCG 15-48 PGC 44388
NGC 4844		Non-Existent		
NGC 4847		Glxy E	17.7	PGC 44464
IC 840		Glxy SBa:	14.5	UGC 8090 MCG 2-33-40 CGCG 71-86 PGC 44495
NGC 4855		Glxy (R')SB(s)0- pec	13.1	MCG -2-33-77 PGC 44572
IC 3999		Non-Existent		
NGC 4862		Glxy SB(s)c	15.7	IC 3999 PGC 44610 MCG -2-33-79
NGC 4863		Glxy SB(rs)0+	14.4	MCG -2-33-81 PGC 44650
NGC 4878	H758-3	Glxy SB(r)0+	14.5	MCG -1-33-64 PGC 44747
NGC 4877	H299-2	Glxy SA(s)ab:	13.2	MCG -2-33-86 IRAS 12577-1500 PGC 44761
NGC 4885		Glxy Pec	13.9	MCG -1-33-65 IRAS 12579-635 PGC 44781

## Virgo - The Virgin

Observed: No

Object	Her	Type	Mag	Alias/Notes
NGC 4888	H778-2	Glxy Sab	12.8	MCG -1-33-66 PGC 44766
NGC 4879	H759-3	Non-Existent		STAR UGC 878 MCG 6-4-3 CGCG 521-4 PGC 44787
NGC 4887		Glxy SA0+ pec?	14.5	MCG -2-33-87 IRAS 12580-1423 PGC 44796
NGC 4890	H614-3	Glxy Sm	12.7	MCG -1-33-67 IRAS 12580-420 PGC 44793
NGC 4891		Non-Existent		
NGC 4899	H300-2	Glxy SAB(rs)c:	12.6	MCG -2-33-90 IRAS 12583-1340 PGC 44841
NGC 4910	H3-5	Non-Existent		
NGC 4918		Glxy SA0+?	15.3	PGC 44934
IC 4071		Glxy	14	MCG -1-33-73 IRAS 12594-720 PGC 44956
NGC 4920		Glxy IB(s)m	14	IC 4134 PGC 44958 MCG -2-33-94
NGC 4925	H779-2	Glxy S0	15.1	MCG -1-33-74 PGC 44967
NGC 4924		Glxy (R')SAB(s)0/a p	13.5	MCG -2-33-96 IRAS 12595-1442 PGC 44977
NGC 4933	H191-2	Glxy S0-a	12.1	
NGC 4933C		Glxy Sd	18.5	MCG -2-33-103 PGC 45143 ARP 176
IC 4134		Glxy S	16.1	MCG -2-33-105 PGC 45169
IC 4136		Non-Existent		MCG -1-33-78 IRAS 13017-723 PGC 45177
NGC 4942	H761-3	Glxy SAB(s)d:	14.6	IC 4136 PGC 45177 MCG -1-33-78 IRAS 13017-723
IC 4156		Non-Existent		MCG -1-33-79 PGC 45224
NGC 4948		Glxy SB(s)dm: sp	15.2	IC 4156 PGC 45224 MCG -1-33-79
NGC 4948A		Glxy SB(s)dm	13.9	MCG -1-33-80 DDO162 PGC 45242
NGC 4951	H188-2	Glxy SAB(rs)cd:	12.6	MCG -1-33-81 IRAS 13025-613 PGC 45246
IC 845		Glxy		
IC 4173		Glxy		
IC 4176		Non-Existent		
IC 4177		Glxy Sc	15.8	MCG -2-33-107 PGC 45365
NGC 4969		Glxy E/S0	14.9	MCG 2-33-55 CGCG 72-4 PGC 45425
IC 849		Glxy SAB(rs)cd pec?	13.6	UGC 8202 MCG 0-34-2 CGCG 16-3 IRAS 13050-40 PGC 45480
IC 850		Glxy Sd pec sp	15.2	MCG 0-34-3 CGCG 16-4 IRAS 13052-36 PGC 45491
NGC 4975		Glxy SAB(rs)0^ pec?	15.5	MCG -1-34-2 PGC 45492
NGC 4982		Non-Existent		
NGC 4992		Glxy Sa	14.3	UGC 8232 MCG 2-34-1 CGCG 72-6 PGC 45593
NGC 4991		Glxy Sb	15.5	CGCG 44-13 PGC 45604
NGC 4989	H185-2	Glxy S0^:	13.6	MCG -1-34-5 PGC 45606
NGC 4990		Glxy S0 pec?	14.5	MCG -1-34-4 MK 1344 IRAS 13067-500 PGC 45608
NGC 4994		Non-Existent		NGC 4993 PGC 45623 ESO 575-65
NGC 4996		Glxy (R)SB0+	13.6	UGC 8235 MCG 0-34-9 CGCG 16-11 PGC 45629
NGC 4997		Glxy S0-	13.5	MCG -3-34-5 PGC 45667
IC 4209		Glxy SB(rs)bc?	14.5	MCG -1-34-9 IRAS 13077-654 PGC 45702
IC 855		Glxy	14.9	PGC 45725
NGC 5006		Glxy (R)SB(r)0+	13.3	ESO 576-6 MCG -3-34-11 PGC 45806
IC 4212		Glxy SB(s)cd	14.5	MCG -1-34-11 UGC A333 PGC 45845
NGC 5013		Glxy Sbc	15	MCG 1-34-7 CGCG 44-24 PGC 45838
NGC 5015	H637-2	Glxy (R)SB(r)a:	12.9	MCG -1-34-12 IRAS 13097-404 PGC 45862
NGC 5010		Glxy S0+ pec sp	13.4	MCG -3-34-15 IRAS 13097-1531 2SZ8 PGC 45868
NGC 5019	H545-3	Glxy SB?	14.5	UGC 8288 MCG 1-34-9 CGCG 44-27 IRAS 13101+459 PGC 45885

## Virgo - The Virgin

Observed: No

Object	Her	Type	Mag	Alias/Notes
NGC 5017	H669-3	Glxy E+?	12.6	MCG -3-34-16 PGC 45900
NGC 5027		Glxy SB(r)b:	14.2	UGC 8297 MCG 1-34-10 CGCG 44-28 IRAS 13108+619 PGC 45936
NGC 5028		Glxy E6	13.7	MCG -2-34-11 PGC 45976
NGC 5030		Glxy SB(r)0+?	13.2	MCG -3-34-23 PGC 45991
NGC 5031		Glxy S0+: sp	14.4	MCG -3-34-24 PGC 46006
NGC 5036		Glxy S0-: pec?	15.6	PGC 46057
NGC 5035		Glxy SAB(r)0+	12.8	MCG -3-34-28 PGC 46068
NGC 5039		Glxy Sa? pec	15.2	PGC 46064
NGC 5038		Glxy S0: sp	13.1	MCG -3-34-31 IRAS 13123-1541 PGC 46081
NGC 5050		Glxy S0/a	14.7	UGC 8329 MCG 1-34-12 CGCG 44-43 PGC 46138
NGC 5046		Glxy E?	13.9	MCG -3-34-35 PGC 46141
NGC 5047	H670-3	Glxy S0 sp	13.5	MCG -3-34-36 PGC 46150
NGC 5049	H512-2	Glxy S0 sp	13	MCG -3-34-37 UGC A343 PGC 46166
NGC 5058		Glxy S?	14.6	UGC 8345 MCG 2-34-6 MK 786 CGCG 72-42 PGC 46241
NGC 5059		Glxy Sc	15.6	UGC 8344 CGCG 44-50 PGC 46244
IC 4216		Glxy SAB(rs)cd	13.7	MCG -2-34-13 IRAS 13144-1030 PGC 46252
IC 4218		Glxy S?	14.6	UGC 8348 MCG 0-34-22 CGCG 16-39 PGC 46254
IC 863		Glxy SB(rs)0/a? pec	14.5	MCG -3-34-43 IRAS 13145-1659 PGC 46270
IC 4217		Glxy Scd	16.1	MCG -2-34-14 PGC 46275
NGC 5060		Glxy SB(s)b	14.1	UGC 8351 MCG 1-34-15 CGCG 44-53 IRAS 13147+618 PGC 46278
IC 865		Glxy		
IC 4220		Glxy Sab	14.5	MCG -2-34-17 PGC 46316
IC 871		Glxy Sb	14.2	UGC 8358 MCG 1-34-16 CGCG 44-58 IRAS 13155+439 PGC 46321
IC 872		Glxy		
IC 873		Glxy	15.3	CGCG 44-59 PGC 46345
NGC 5067		Non-Existent		
NGC 5066		Glxy Sa	13.5	
NGC 5069		Non-Existent		NGC 5066 PGC 46360 MCG -2-34-20
IC 4221		Glxy SA(r)c pec?	13.5	MCG -2-34-21 IRAS 13158-1420 PGC 46366
IC 876		Glxy Sa	14.9	MCG 1-34-17 CGCG 44-61 IRAS 13160+445 PGC 46370
NGC 5071		Glxy	15.5	CGCG 44-62 PGC 46375
IC 4223		Glxy	15.4	CGCG 44-64 PGC 46397
IC 877		Non-Existent		
IC 878		Non-Existent		(STAR)
IC 4224		Glxy Scd	14.6	MCG 0-34-27 CGCG 16-51 PGC 46420
IC 880		Non-Existent		(STAR)
NGC 5075		Glxy	15.1	CGCG 44-65 PGC 46424
NGC 5072		Non-Existent		NGC 5070 PGC 46432 MCG -2-34-22
NGC 5070		Glxy S0/a	15.5	NGC 5072 PGC 46437 MCG -2-34-23
NGC 5080		Glxy E/S0	14.6	MCG 2-34-7 CGCG 72-46 PGC 46440
NGC 5073	H282-3	Glxy SB(s)c? sp	13.1	MCG -2-34-25 UGC A346 IRAS 13167-1435 PGC 46441
NGC 5076	H117-3	Glxy SB(rs)0+	14	MCG -2-34-26 PGC 46453
NGC 5079	H118-3	Glxy SB(rs)bc pec:	13.8	MCG -2-34-30 IRAS 13169-1226 PGC 46473
NGC 5088		Glxy SAB(s)bc:	13.2	MCG -2-34-34 IRAS 13176-1218 PGC 46535
NGC 5095		Glxy (R')SB(r)0+:	14.7	UGC 8381 MCG 0-34-29 CGCG 16-54 PGC 46561

## Virgo - The Virgin

Observed: No

Object	Her	Type	Mag	Alias/Notes
NGC 5094	H539-3	Glxy E	14.2	MCG -2-34-37 PGC 46580
NGC 5100		Non-Existent		NGC 5106-1 PGC 46599 UGC 8389 MCG 2-34-9 CGCG 72-50 IRAS 13184+914
NGC 5097		Glxy E	16.5	2SZ37 PGC 46602
NGC 5099		Glxy E	15.6	PGC 46627
NGC 5104		Glxy Sa:	14.6	UGC 8391 MCG 0-34-31 CGCG 16-57 IRAS 13188+36 PGC 46633
NGC 5106	H22-2	Glxy		
NGC 5105		Glxy SB(rs)c	11.7	MCG -2-34-39 IRAS 13191-1256 PGC 46664
IC 4229		Glxy (R')SB(r)b pec:	14.2	UGC 8404 MCG 0-34-32 CGCG 16-62 IRAS 13198-209 PGC 46717
NGC 5110		Glxy E		NGC 5111 PGC 46719
IC 884		Non-Existent		
NGC 5111	H119-3	Non-Existent		NGC 5110 PGC 46737 MCG -2-34-41
NGC 5115		Glxy SBcd:	14.4	UGC 8408 MCG 2-34-10 CGCG 72-57 PGC 46754
NGC 5118	H925-3	Glxy Scd:	14.4	IC 4236 PGC 46782 UGC 8413 MCG 1-34-19 CGCG 44-78 IRAS 13209+639
IC 4236		Non-Existent		
IC 886		Glxy		
IC 4235		Glxy		
NGC 5119		Glxy S0/a	13	MCG -2-34-42 PGC 46826
NGC 5125		Glxy Sb	13.2	UGC 8421 MCG 2-34-11 CGCG 72-62 IRAS 13214+958 PGC 46827
IC 887		Non-Existent		
NGC 5122		Glxy Sc	13.8	MCG -2-34-43 2SZ43 PGC 46848
NGC 5130		Glxy S0	14.5	MCG -2-34-44 PGC 46866
NGC 5132		Glxy (R)SB(r)0+:	13.9	UGC 8428 MCG 2-34-14 CGCG 72-68 IRAS 13219+1421 PGC 46868
IC 4237		Glxy SB(r)b?	13.2	ESO 576-48 MCG -3-34-68 IRAS 13218-2052 PGC 46878
NGC 5136	H84-3	Glxy	15	IC 888 PGC 46905 MCG 2-34-15 CGCG 72-70 ARAK416 IRAS 13223+1359
NGC 5137		Glxy	15.6	CGCG 72-71 PGC 46907
NGC 5133		Glxy E/S0	12.6	MCG -1-34-15 IRAS 13222-346 PGC 46909
IC 888		Non-Existent		
NGC 5147	H25-2	Glxy SB(s)dm	12.3	UGC 8443 MCG 0-34-33 CGCG 16-69 IRAS 13237+221 PGC 47027
IC 889		Glxy	15.5	CGCG 72-74 PGC 47050
NGC 5148		Glxy SB(s)d?	14.8	MCG 1-34-21 CGCG 44-86 PGC 47060
NGC 5159		Glxy Sd	14.8	UGC 8460 MCG 1-34-22 CGCG 44-88 PGC 47235
NGC 5160		Non-Existent		
IC 890		Glxy		
NGC 5165		Glxy L	14.6	MCG 2-34-16 CGCG 72-78 PGC 47281
NGC 5167		Glxy Sc	14.6	MCG 2-34-17 CGCG 72-80 IRAS 13261+1258 PGC 47277
NGC 5162		Glxy S0	15.1	NGC 5174 PGC 47318 UGC 8472 CGCG 72-84
NGC 5171		Glxy S0-:	12.7	UGC 8476 MCG 2-34-20 CGCG 72-89 PGC 47339
NGC 5177		Glxy Sb	15.6	MCG 2-34-19 CGCG 72-91 PGC 47337
NGC 5176		Glxy E	15.4	MCG 2-34-21 CGCG 72-90 PGC 47338
NGC 5174	H45-3	Non-Existent		
NGC 5175	H46-3	Non-Existent		STAR FAIR695 PGC 47346
NGC 5178		Glxy S(r)0/a	14.8	UGC 8478 MCG 2-34-22 CGCG 72-93 PGC 47358
NGC 5179		Glxy Sb	15	MCG 2-34-23 MK 1349 CGCG 72-94 PGC 47363
NGC 5181		Glxy S0	14.6	MCG 2-34-24 CGCG 72-98 PGC 47373
NGC 5170	H22-5	Glxy SA(s)c: sp	12.1	MCG -3-34-84 UGC A360 PGC 47396



## Virgo - The Virgin

Observed: No

Object	Her	Type	Mag	Alias/Notes
IC 891		Glxy E/S0	14.7	MCG 0-34-40 CGCG 16-80 PGC 47418
NGC 5185	H642-3	Glxy Sb	14.1	UGC 8488 MCG 2-34-25 CGCG 72-104 PGC 47422
NGC 5186		Glxy	15.6	CGCG 72-103 PGC 47426
NGC 5183	H679-2	Glxy Sb pec	13.5	UGC 8485 MCG 0-34-39 CGCG 16-79 IRAS 13275-127 PGC 47432
NGC 5184	H680-2	Glxy SAB(r)c	13.3	UGC 8487 MCG 0-34-41 CGCG 16-81 PGC 47438
NGC 5191		Glxy Sb	15	MCG 2-34-26 CGCG 73-3 PGC 47498
NGC 5192		Glxy Sa?	15.5	CGCG 17-1 PGC 47503
NGC 5196		Glxy S0-	15	CGCG 17-2 PGC 47540
NGC 5197		Glxy S0/a	15.5	CGCG 17-3 PGC 47546
NGC 5200		Non-Existent		
IC 892		Glxy S0 pec	13.9	UGC 8512 MCG 0-35-1 CGCG 17-5 PGC 47564
IC 893		Glxy Sab	15	UGC 8513 MCG 0-35-2 CGCG 17-6 PGC 47566
NGC 5202		Glxy Sb:	15.3	CGCG 17-10 PGC 47589
NGC 5203	H507-3	Glxy S0- sp	13.3	MCG -1-35-1 PGC 47610
NGC 5207	H643-3	Glxy SAB(r)b	14	UGC 8518 MCG 2-35-1 CGCG 73-18 PGC 47612
NGC 5208	H9-3	Glxy S0	14.1	UGC 8519 MCG 1-35-1 CGCG 45-7 PGC 47637
NGC 5212		Glxy	15.5	CGCG 45-8 PGC 47640
NGC 5209	H10-3	Glxy E	14	UGC 8522 MCG 1-35-2 CGCG 45-9 PGC 47654
NGC 5210	H99-3	Glxy Sa	13.9	UGC 8523 MCG 1-35-3 CGCG 45-10 PGC 47678
NGC 5211		Glxy (R')SAB(rs)ab p	13.2	UGC 8530 MCG 0-35-9 CGCG 17-21 IRAS 13305-46 PGC 47709
IC 896		Glxy E	13.8	UGC 8545 MCG 1-35-7 CGCG 45-27 PGC 47794
IC 898		Glxy	15.6	CGCG 73-31 PGC 47797
NGC 5213		Glxy SBb	14.5	UGC 8552 MCG 1-35-8 CGCG 45-28 VV 18 IRAS 13321+423 PGC 47842
IC 900		Glxy SAB(s)bc	13.6	UGC 8555 MCG 2-35-4 CGCG 73-37 IRAS 13322+935 PGC 47855
IC 899		Glxy	15	
NGC 5226		Glxy		PGC 47877
NGC 5224	H926-3	Glxy S	15	MCG 1-35-9 CGCG 45-30 PGC 47884
NGC 5227	H928-3	Glxy (R')SB(r)b	13.7	UGC 8566 MCG 0-35-10 CGCG 17-29 IRAS 13328+140 PGC 47915
IC 901		Glxy Sab	14.9	MCG 2-35-11 CGCG 73-45 PGC 47954
NGC 5231		Glxy SBa	14.3	UGC 8574 MCG 1-35-11 CGCG 45-34 IRAS 13332+315 PGC 47953
NGC 5235	H100-3	Glxy SB	14.8	UGC 8582 MCG 1-35-12 CGCG 45-36 IRAS 13335+650 PGC 47984
NGC 5232		Glxy SA(rs)0/a:	13.9	MCG -1-35-3 IRAS 13335-814 PGC 47998
NGC 5241		Glxy SB(rs)ab:	15	MCG -1-35-6 IRAS 13340-808 PGC 48043
NGC 5242		Non-Existent		
NGC 5245		Glxy	15.3	CGCG 45-48 PGC 48110
NGC 5246		Glxy (R')SB(s)b	14.4	UGC 8612 MCG 1-35-17 CGCG 45-50 IRAS 13349+421 PGC 48128
NGC 5252	H505-3	Glxy S0	14	UGC 8622 MCG 1-35-22 CGCG 45-56 VV 100 PGC 48189
IC 903		Glxy (R')Sab:	14	UGC 8625 MCG 0-35-13 CGCG 17-45 PGC 48207
IC 904		Glxy S0+?	14.6	UGC 8628 MCG 0-35-14 CGCG 17-47 PGC 48217
NGC 5254		Glxy SA(rs)c:	13.1	MCG -2-35-12 IRAS 13369-1114 PGC 48307
NGC 5261		Glxy	15.3	CGCG 45-67 PGC 48360
IC 908		Glxy SBcd	15.5	MCG -1-35-9 PGC 48443
NGC 5268		Non-Existent		
NGC 5270		Glxy (R')SB(s)b	14.3	UGC 8673 MCG 1-35-31 CGCG 45-75 PGC 48527
IC 915		Glxy		

## Virgo - The Virgin

Observed: No

Object	Her	Type	Mag	Alias/Notes
NGC 5285		Glxy E+ pec	14.9	CGCG 17-65 PGC 48688
IC 920		Glxy E	15.8	MCG -2-35-15 PGC 48779
IC 924		Glxy		
IC 927		Glxy		
IC 939		Glxy S	14.4	MCG 1-35-36 CGCG 45-103 PGC 48914
IC 940		Glxy	15.3	CGCG 45-104 PGC 48933
NGC 5300	H533-2	Glxy SAB(r)c	12.1	UGC 8727 MCG 1-35-38 CGCG 45-108 IRAS 13457+411 PGC 48959
NGC 5306	H306-2	Glxy S0 pec?	13.1	MCG -1-35-14 VV 135 Hickson 67A PGC 49039
NGC 5310		Non-Existent		STAR ESO 296-28 MCG -7-4-5 PGC 49167
NGC 5309		Non-Existent		
IC 943		Glxy Sb	14.8	MCG 1-35-41 CGCG 45-115 PGC 49130
NGC 5317		Glxy		
NGC 5327	H685-2	Glxy SAB(rs)b:	13.4	UGC 8768 MCG 0-35-21 CGCG 17-78 IRAS 13494-157 PGC 49234
NGC 5324	H307-2	Glxy SA(rs)c:	12.4	MCG -1-35-16 IRAS 13494-548 PGC 49236
NGC 5329	H549-3	Glxy E:	13.4	UGC 8771 MCG 1-35-44 CGCG 45-121 PGC 49248
NGC 5331A	H929-3	Glxy Double System	14.9	UGC 8774 MCG 0-35-22 CGCG 17-82 VV 253 PGC 49264
IC 947		Glxy S0- pec?	13.6	UGC 8784 MCG 0-35-23 CGCG 17-85 PGC 49287
IC 4338		Non-Existent		UGC 8790 MCG 0-35-24 CGCG 17-88 IRAS 13502-51 PGC 49308
NGC 5334	H665-3	Glxy SB(rs)c:	12	IC 4338 PGC 49308 UGC 8790 MCG 0-35-24 CGCG 17-88 IRAS 13502-51
NGC 5335		Glxy SB(r)b	13.6	UGC 8791 MCG 1-35-46 CGCG 45-129 PGC 49310
NGC 5338		Glxy SB0:	13.4	UGC 8800 MCG 1-35-48 CGCG 45-132 PGC 49353
IC 952		Glxy SBbc	14.8	UGC 8808 MCG 1-35-49 CGCG 45-133 IRAS 13511+337 PGC 49373
NGC 5339		Glxy SB(rs)a pec	16.5	MCG -1-35-18 MK 1363 IRAS 13513-741 PGC 49388
NGC 5348		Glxy SBbc: sp	13.9	UGC 8821 MCG 1-35-51 CGCG 45-137 PGC 49411
NGC 5343	H308-2	Glxy SA(r)0-?	13.5	MCG -1-35-19 PGC 49412
NGC 5345	H686-2	Glxy SA(r)a pec:	13.3	UGC 8820 MCG 0-35-26 CGCG 17-94 IRAS 13516-111 PGC 49415
NGC 5356	H506-3	Glxy SABbc: sp	13.4	UGC 8831 MCG 1-35-52 CGCG 46-1 IRAS 13524+534 PGC 49468
NGC 5360		Glxy I0	14.1	UGC 8838 MCG 1-36-1 CGCG 46-3 PGC 49513
IC 958		Non-Existent		
NGC 5366		Glxy (R')SB(rs)0+?	14.7	MCG 0-36-2 CGCG 18-7 IRAS 13538+0 PGC 49569
NGC 5369	H285-3	Glxy E	14.6	PGC 49583
NGC 5373		Glxy C	15.2	CGCG 46-14 PGC 49620
NGC 5374	H889-2	Glxy SB(r)bc?	13.3	UGC 8874 MCG 1-36-4 CGCG 46-16 IRAS 13549+620 PGC 49650
NGC 5384		Glxy S0	14.1	UGC 8886 MCG 1-36-8 CGCG 46-23 ARAK434 PGC 49707
IC 966		Glxy S0	14.1	UGC 8884 MCG 1-36-6 CGCG 46-21 PGC 49704
NGC 5382	H546-3	Glxy S0	13.5	UGC 8885 MCG 1-36-7 CGCG 46-22 PGC 49711
NGC 5386	H547-3	Glxy S0/a	14.2	UGC 8890 MCG 1-36-10 CGCG 46-24 IRAS 13558+634 PGC 49719
NGC 5387		Glxy Sbc: sp	14.6	UGC 8891 MCG 1-36-11 CGCG 46-26 IRAS 13559+618 PGC 49724
IC 4354		Glxy Sb	16.2	MCG -2-36-1 IRAS 13558-1221 PGC 49731
NGC 5388		Non-Existent		
NGC 5392	H666-3	Glxy S0+?	14.4	MCG 0-36-5 CGCG 18-13 PGC 49792
IC 968		Glxy S0	14.8	MCG 0-36-7 CGCG 18-19 PGC 49866
NGC 5400	H667-3	Glxy (R')S0-?	13.9	MCG 0-36-8 CGCG 18-20 PGC 49869
NGC 5404		Non-Existent		
IC 969		Glxy		

## Virgo - The Virgin

Observed: No

Object	Her	Type	Mag	Alias/Notes
NGC 5428		Non-Existent		
NGC 5429		Non-Existent		
IC 4358		Glxy Sbc pec sp	15	MCG -2-36-4 PGC 50092
NGC 5432		Non-Existent		
NGC 5435		Non-Existent		
IC 971		Glxy SB(s)c	13.3	MCG -2-36-5 IRAS 14012-954 PGC 50120
NGC 5420		Glxy Sb:	13.5	MCG -2-36-6 IRAS 14012-1422 PGC 50121
IC 4360		Glxy		
IC 4361		Glxy Sb	15.6	MCG -2-36-7 PGC 50131
IC 4363		Glxy		
IC 4364		Glxy Sbc	15.5	MCG -2-36-9 PGC 50149
IC 972		PI Neb 2c	14.9	ABELL 37 PK 326+42.1 PNG 326.7+42.2
IC 4368		Glxy		
NGC 5442		Glxy SB(s)b pec?	14.5	MCG -1-36-6 VV 691 PGC 50189
IC 4372		Glxy		
NGC 5465		Non-Existent		
IC 973		Non-Existent		
NGC 5467		Non-Existent		
NGC 5470		Glxy Sb	14.2	UGC 9020 MCG 1-36-19 CGCG 46-50 IRAS 14040+615 PGC 50317
NGC 5468	H286-3	Glxy SAB(rs)cd	13	MCG -1-36-7 UGC A384 IRAS 14039-512 PGC 50323
IC 974		Non-Existent		
NGC 5472		Glxy SA(r)ab? sp	15.1	MCG -1-36-8 IRAS 14042-513 PGC 50345
NGC 5476	H287-3	Glxy SAB(rs)dm?	13	MCG -1-36-9 IRAS 14055-551 PGC 50429
NGC 5478	H762-3	Glxy SAB(s)bc	14.4	UGC 9034 MCG 0-36-19 CGCG 18-55 UM636 IRAS 14055-127 PGC 50430
IC 977		Glxy	15.3	CGCG 18-58 PGC 50477
IC 976		Glxy S0^	14	UGC 9040 MCG 0-36-20 CGCG 18-59 UM639 PGC 50479
IC 978		Glxy Sb	15.1	MCG 0-36-21 CGCG 18-60 PGC 50493
IC 980		Glxy		
IC 981		Glxy	15	
NGC 5491	H890-2	Glxy S?	13.8	UGC 9072 MCG 1-36-22 CGCG 46-63 IRAS 14084+636 PGC 50630
NGC 5491A		Glxy Sb	13.1	
NGC 5491B		Glxy C	15.7	
IC 986		Glxy L	14.8	MCG 0-36-25 CGCG 18-73 PGC 50662
IC 985		Glxy Sb	15	MCG 0-36-24 CGCG 18-72 PGC 50671
NGC 5496		Glxy Sd: sp	12.7	UGC 9079 MCG 0-36-26 CGCG 18-74 IRAS 14090-55 KARA615 PGC 50676
NGC 5501		Glxy (R')SA(r)0+?	14.5	MCG 0-36-27 CGCG 18-78 PGC 50724
NGC 5510		Glxy IB(s)m pec:	13.5	ESO 579-3 MCG -3-36-10 IRAS 14108-1744 PGC 50807
IC 988		Glxy E?	15.1	MCG 1-36-26 CGCG 46-71 PGC 50873
IC 989		Glxy E	14	UGC 9114 MCG 1-36-27 CGCG 46-72 PGC 50891
NGC 5521		Glxy S?	14.7	UGC 9122 MCG 1-36-30 CGCG 46-77 ARAK443 PGC 50931
IC 4392		Non-Existent		
NGC 5537		Glxy Sb	15.1	MCG 1-36-32 CGCG 46-82 IRAS 14151+717 PGC 51047
IC 991		Glxy SB(s)c:	13.6	MCG -2-36-19 IRAS 14151-1338 PGC 51059
IC 992		Glxy SAB(r)c:	14.3	UGC 9147 MCG 0-36-33 CGCG 18-114 IRAS 14156+107 PGC 51090
NGC 5555		Glxy Sb	15.7	ESO 579-15 MCG -3-36-11 IRAS 14160-1854 PGC 51124

## Virgo - The Virgin

Observed: No

Object	Her	Type	Mag	Alias/Notes
NGC 5551		Glxy	15.3	MCG 1-36-37 CGCG 47-3 IRAS 14164+540 PGC 51139
NGC 5552		Glxy	15.2	NGC 5558 PGC 51140 CGCG 47-4
NGC 5554		Glxy	15.2	NGC 5564 PGC 51160 CGCG 47-6
IC 4401		Glxy (R')SAB(r)a?	15.1	MCG -1-36-15 PGC 51173
NGC 5558		Non-Existent		
IC 997		Glxy Sbc	14.5	MCG -1-37-1 IRAS 14173-413 PGC 51220
IC 998		Glxy		
NGC 5564		Non-Existent		
NGC 5565		Non-Existent		
NGC 5563		Glxy	15.3	CGCG 47-11 PGC 51226
NGC 5573		Glxy S	15.1	MCG 1-37-5 CGCG 47-16 PGC 51257
IC 1001		Non-Existent		
IC 1002		Non-Existent		
IC 1003		Non-Existent		
NGC 5575		Glxy S0	14.3	NGC 5578 PGC 51272 UGC 9184 MCG 1-37-8 CGCG 47-21
NGC 5578		Non-Existent		
NGC 5584		Glxy SAB(rs)cd	12.1	UGC 9201 MCG 0-37-1 CGCG 19-8 IRAS 14198-9 KARA626 PGC 51344
IC 4407		Non-Existent		MCG -1-37-5 PGC 51404
IC 1007		Glxy C	15	CGCG 47-34 8ZW412 PGC 51465
NGC 5604	H668-3	Glxy Sa pec?	13.5	MCG 0-37-3 CGCG 19-16 IRAS 14221-259 PGC 51471
NGC 5619A		Non-Existent		
IC 1010		Glxy SB(r)b pec	13.6	UGC 9254 MCG 0-37-6 CGCG 19-28 PGC 51612
NGC 5619C		Glxy Sbc	14.3	
NGC 5619B		Non-Existent		
IC 4424		Non-Existent		IC 4424 MCG 1-37-14 CGCG 47-48 PGC 51624
IC 1011		Glxy	15.4	MCG 0-37-8 CGCG 19-36 ARAK451 IRAS 14255+113 PGC 51662
NGC 5632		Non-Existent		STAR CGCG 459-71 PGC 51693
IC 1016		Glxy		IC 1016 MCG 1-37-14 CGCG 47-48 PGC 51624
IC 1022		Glxy S	15.1	UGC 9311 CGCG 47-66 PGC 51808
NGC 5645	H150-2	Glxy SB(s)d	13	UGC 9328 MCG 1-37-19 CGCG 47-70 IRAS 14281+729 PGC 51846
NGC 5650		Glxy		
NGC 5651		Non-Existent		
IC 1024		Glxy S0?	13.9	UGC 9341 MCG 1-37-22 CGCG 47-76 IRAS 14289+313 PGC 51895
IC 1025		Glxy	15.3	CGCG 47-78 PGC 51898
NGC 5658		Non-Existent		STAR ESO 542-22 MCG -3-4-79 PGC 51957
NGC 5674	H893-2	Glxy SABc	13.7	UGC 9369 MCG 1-37-31 CGCG 47-96 IRAS 14313+540 8ZW434 PGC 52042
NGC 5679D		Glxy S	15	
NGC 5679	H894-2	Glxy Sb	13.8	UGC 9383 MCG 1-37-35 CGCG 47-110 VV 458 ARP 274 IRAS 14326+534 PGC 52132
NGC 5679C		Glxy C	16	
NGC 5680		Glxy S0-:	14.7	CGCG 19-68 PGC 52173
NGC 5690	H582-2	Glxy Sc? sp	12.5	UGC 9416 MCG 0-37-19 CGCG 19-72 IRAS 14351+230 KARA638 PGC 52273
NGC 5691	H681-2	Glxy SAB(s)a: pec	12.3	UGC 9420 MCG 0-37-20 CGCG 19-73 IRAS 14353-11 PGC 52291
NGC 5692		Glxy S?	13.9	UGC 9427 MCG 1-37-39 CGCG 47-123 ARAK454 IRAS 14357+337 PGC 52317
NGC 5705		Glxy SB(rs)d	13.3	UGC 9447 MCG 0-37-21 CGCG 19-76 IRAS 14371-29 PGC 52395
NGC 5713	H182-1	Glxy SAB(rs)bc pec	11.8	UGC 9451 MCG 0-37-22 CGCG 19-77 IRAS 14376-4 8ZW447 PGC 52412

## Virgo - The Virgin

Observed: No

Object	Her	Type	Mag	Alias/Notes
IC 1039		Glxy L	15.5	CGCG 47-133 PGC 52428
IC 1041		Glxy Sb	15.2	MCG 1-37-45 CGCG 47-134 PGC 52434
IC 1043		Non-Existent		
NGC 5719	H682-2	Glxy SAB(s)ab pec	13.1	UGC 9462 MCG 0-37-24 CGCG 19-79 IRAS 14383-6 PGC 52455
NGC 5725		Glxy SB(s)d:	14.3	UGC 9466 MCG 0-37-25 CGCG 19-80 IRAS 14384+224 PGC 52456
NGC 5733		Glxy Scd? sp	14.6	MCG 0-38-1 CGCG 20-2 PGC 52550
IC 1048		Glxy S	13.6	UGC 9483 MCG 1-37-51 CGCG 48-4 IRAS 14404+506 PGC 52564
NGC 5738		Glxy S0 <sup>^</sup> : sp	14.9	MCG 0-38-2 CGCG 20-4 PGC 52614
NGC 5740	H538-2	Glxy SAB(rs)b	11.9	UGC 9493 MCG 0-38-3 CGCG 20-8 IRAS 14418+153 PGC 52641
IC 1054		Glxy S0	14.8	UGC 9514 CGCG 20-14 PGC 52752
NGC 5765		Glxy Sb:	14.6	UGC 9554 MCG 1-38-4 CGCG 48-24 PGC 53011
NGC 5765B		Glxy Sab	15.4	UGC 9554 MCG 1-38-5 CGCG 48-24 PGC 53012
NGC 5765A		Non-Existent		
IC 1063		Glxy SBb	14.2	IC 1063 UGC 9565 MCG 1-38-7 CGCG 48-36 IRAS 14496+453 PGC 53094
IC 1064		Non-Existent		IC 1064 UGC 9565 MCG 1-38-7 CGCG 48-36 IRAS 14496+453 PGC 53094
IC 1066		Glxy S?	14.1	UGC 9573 MCG 1-38-9 CGCG 48-49 IRAS 14505+330 PGC 53176
IC 1067		Glxy SB(s)b	13	UGC 9574 MCG 1-38-10 CGCG 48-50 PGC 53178
NGC 5770	H576-2	Glxy SB0	13.2	UGC 9575 MCG 1-38-11 CGCG 48-52 PGC 53201
IC 1068		Glxy L	14.9	MCG 1-38-12 CGCG 48-56 PGC 53223
IC 1070		Glxy	15.6	CGCG 48-59 PGC 53245
IC 1071		Glxy S0	14.2	UGC 9582 MCG 1-38-15 CGCG 48-62 PGC 53260
IC 1072		Glxy S	15.3	MCG 1-38-16 CGCG 48-64 PGC 53258
IC 1073		Glxy	15.6	CGCG 48-63 PGC 53259
NGC 5776		Glxy S	14.7	MCG 1-38-18 CGCG 48-67 PGC 53289
IC 1082		Glxy	15.2	CGCG 48-87 PGC 53523
NGC 5811		Glxy SB(s)m:	14.5	MCG 0-38-15 CGCG 20-43 PGC 53597
NGC 5814		Glxy (R')Sab	14.7	MCG 0-38-17 CGCG 20-46 IRAS 14588+149 PGC 53653
NGC 5845	H511-3	Glxy E:	12.5	UGC 9700 MCG 0-38-24 CGCG 20-59 ARAK468 PGC 53901
NGC 5847		Glxy Sb	15.1	MCG 1-38-30 CGCG 48-120 IRAS 15039+633 PGC 53928
NGC 5841		Glxy S0+ pec sp	14.8	NGC 5848 PGC 53941 MCG 0-39-1 CGCG 21-1
NGC 5848		Non-Existent		
IC 1087		Glxy L	15.6	MCG 1-38-31 CGCG 49-2 PGC 53952
IC 1088		Non-Existent		(STAR) UGC 9710 MCG 1-38-32 CGCG 49-2 PGC 53951
IC 1089		Glxy	15.4	CGCG 49-7 PGC 53989
NGC 5855		Glxy C	15.4	CGCG 49-10 PGC 54014
NGC 5865	H684-2	Glxy E-S0	14.1	NGC 5868 PGC 54118 UGC 9743 MCG 0-39-7 CGCG 21-23
NGC 5868		Non-Existent		
NGC 5869	H545-2	Glxy S0 <sup>^</sup> :	12.9	NGC 5865 UGC 9742 MCG 0-39-6 CGCG 21-22 PGC 54119
NGC 5871		Non-Existent		
IC 1101		Glxy S0-:	14.7	UGC 9752 CGCG 49-23 PGC 54167
IC 1102		Glxy Sb:	14.8	UGC 9754 MCG 1-39-0 MK 1395 CGCG 49-25 PGC 54188

**Sub Total: 936**

Observed: Yes

## Virgo - The Virgin

Observed: Yes

Object	Her	Type	Mag	Alias/Notes
ABELL 36		PI Neb	11.8	PK 318+41.1
IC 1042		Glxy S0?	14.3	UGC 9457 MCG 1-37-46 CGCG 47-135 ARP 171 PGC 52433
IC 3011		Non-Existent		NGC 4124 UGC 7117 MCG 2-31-36 CGCG 69-58 IRAS 12055+1039 PGC 38527
IC 3074		Glxy SB(s)dm: sp	14.7	UGC 7279 MCG 2-31-71 CGCG 69-111 VCC162 PGC 39233
IC 3259		Glxy SAB(s)dm?	14.2	UGC 7469 MCG 1-32-40 CGCG 42-72 VCC667 PGC 40273
IC 3322A		Glxy SB(s)cd: sp	13.6	UGC 7513 MCG 1-32-54 CGCG 42-95 VCC827 IRAS 12231+729 PGC 40566
IC 3414		Glxy SABdm?	13.9	UGC 7621 MCG 1-32-79 CGCG 42-129 VCC1189 PGC 41166
IC 3446		Glxy S?	15.6	CGCG 70-142 VCC1356 PGC 41440
IC 3470		Glxy E?	14.3	MCG 2-32-122 CGCG 70-153 VCC1431 PGC 41573
IC 3481		Glxy SAB0-: pec	14.4	MCG 2-32-127 CGCG 70-159 VV 43 ARP 175 VCC1462 PGC 41634
IC 3481A		Glxy E pec:	14.4	MCG 2-32-128 VV 43 ARP 175 PGC 41646
IC 3483		Glxy SAB(s)b pec:	15.7	MCG 2-32-129 CGCG 70-160 VV 43 ARP 175 VCC1486 PGC 41670
IC 3499		Glxy S0/a	14.1	UGC 7712 MCG 2-32-138 CGCG 70-169 VCC1521 PGC 41738
IC 3510		Glxy S?	14.9	UGC 7728 MCG 2-32-142 CGCG 70-173 VCC1549 PGC 41803
IC 3583		Glxy IBm	13.3	UGC 7784 MCG 2-32-154 CGCG 70-191 ARP 76 VCC1686 IRAS 12341+1332 PGC 42081
MAC 1141+1016		Glxy	16	
MAC 1231+0036		Glxy	16	
MAC 1231+0353		Glxy	16.5	
MAC 1234-0727		Glxy	16.5	
MAC 1234-0732		Glxy	15	
MAC 1252+1001		Glxy	16	
MAC 1253+0956		Glxy	15.5	
NGC 3776		Glxy Sb	15.8	CGCG 12-45 PGC 36048
NGC 3818	H284-3	Glxy E5	12.7	MCG -1-30-23 UGC A243 PGC 36304
NGC 3822	H153-2	Glxy S0?	14.1	UGC 6661 MCG 2-30-15 CGCG 68-33 IRAS 11395+1033 Hickson 58A PGC 36319
NGC 3825	H154-2	Glxy SBa	13	UGC 6668 MCG 2-30-18 CGCG 68-37 Hickson 58B PGC 36348
NGC 3833	H102-3	Glxy Sc	14.2	UGC 6692 MCG 2-30-20 CGCG 68-43 PGC 36441
NGC 3848	H35-3	Glxy Sc	14.8	PGC 36456 MCG 2-30-23 CGCG 68-46 IRAS 11410+1031
NGC 3952	H612-3	Glxy IBm: sp	13.5	IC 2972 PGC 37285 MCG -1-30-44 IRAS 11510-342
NGC 3976	H132-2	Glxy SAB(s)b	12.3	UGC 6906 MCG 1-31-1 CGCG 41-6 IRAS 11533+701 PGC 37483
NGC 4030	H121-1	Glxy SA(s)bc	11.4	UGC 6993 MCG 0-31-16 CGCG 13-33 IRAS 11578-49 PGC 37845
NGC 4045	H276-2	Glxy SBa	11.9	
NGC 4067	H37-3	Glxy SA(s)b:	13.3	UGC 7048 MCG 2-31-19 CGCG 69-36 IRAS 12016+1107 PGC 38168
NGC 4073	H277-2	Glxy E+	11.4	UGC 7060 MCG 0-31-29 CGCG 13-59 PGC 38201
NGC 4079		Glxy (R')SAB(rs)bc:	13.2	UGC 7067 MCG 0-31-34 CGCG 13-67 IRAS 12022-206 PGC 38240
NGC 4116		Glxy SB(rs)dm	12.4	UGC 7111 MCG 1-31-22 CGCG 41-41 UM476 IRAS 12050+258 PGC 38492
NGC 4123	H4-5	Glxy SB(r)c	12	UGC 7116 MCG 1-31-23 MK 1466 CGCG 41-42 UM477 IRAS 12056+309 PGC 38531
NGC 4124	H33-1	Glxy SA(r)0+	12.2	PGC 38527 UGC 7117 MCG 2-31-36 CGCG 69-58 IRAS 12055+1039
NGC 4168	H105-2	Glxy E2	12.1	UGC 7203 MCG 2-31-46 CGCG 69-81 VCC49 PGC 38890
NGC 4178		Glxy SB(rs)dm	11.9	IC 3042 PGC 38943 UGC 7215 MCG 2-31-50 CGCG 69-88 VCC66
NGC 4179	H9-1	Glxy S0 sp	11.9	UGC 7214 MCG 0-31-38 CGCG 13-104 PGC 38950
NGC 4197	H134-2	Glxy Sd	13.4	UGC 7247 MCG 1-31-29 CGCG 41-52 VV 520 VCC120 IRAS 12121+605 PGC 39114
NGC 4206	H165-2	Glxy SA(s)bc:	12.8	IC 3064 PGC 39183 UGC 7260 MCG 2-31-66 CGCG 69-104 VCC145 IRAS 12127+1318

## Virgo - The Virgin

Observed: Yes

Object	Her	Type	Mag	Alias/Notes
NGC 4207		Glxy S?	13.5	UGC 7268 MCG 2-31-69 CGCG 69-107 VCC152 IRAS 12129+951 PGC 39206
NGC 4215	H135-2	Glxy SA(r)0+: sp	13	UGC 7281 MCG 1-31-31 CGCG 41-55 ARAK352 VCC166 PGC 39251
NGC 4216	H35-1	Glxy SAB(s)b:	11	UGC 7284 MCG 2-31-72 CGCG 69-112 VCC167 IRAS 12133+1325 PGC 39246
NGC 4224	H136-2	Glxy SA(s)a: sp	12.9	UGC 7292 MCG 1-31-34 CGCG 41-60 VCC199 IRAS 12140+744 PGC 39328
NGC 4233	H496-2	Glxy S0^	12.9	UGC 7311 MCG 1-31-37 CGCG 41-63 VCC220 PGC 39384
NGC 4235	H17-2	Glxy SA(s)a sp	12.6	IC 3098 PGC 39389 UGC 7310 MCG 1-31-36 CGCG 41-62 VCC222
NGC 4240		Glxy E	12.7	
NGC 4241	H480-3	Glxy SA(s)0+:	13	IC 3115 PGC 39412 UGC 7319 MCG 1-31-38 CGCG 41-65 VCC234
NGC 4255		Glxy SB(r)0^	13.8	UGC 7348 MCG 1-31-47 CGCG 42-4 ARAK355 VCC312 PGC 39592
NGC 4260	H138-2	Glxy SB(s)a	11.8	UGC 7361 MCG 1-31-54 CGCG 42-15 VCC341 PGC 39656
NGC 4261	H139-2	Glxy E2-3	10.4	UGC 7360 MCG 1-31-52 CGCG 42-13 VCC345 PGC 39659
NGC 4264	H140-2	Glxy SB(rs)0+	12.8	UGC 7364 MCG 1-32-1 CGCG 42-20 ARAK357 VCC358 PGC 39687
NGC 4267	H166-2	Glxy SB(s)0-?	11.9	UGC 7373 MCG 2-32-4 CGCG 70-13 VCC369 PGC 39710
NGC 4268		Glxy SB0/a: sp	12.8	UGC 7371 MCG 1-32-4 CGCG 42-23 VCC371 PGC 39712
NGC 4270	H568-2	Glxy S0	13.1	UGC 7376 MCG 1-32-7 CGCG 42-26 VCC375 PGC 39718
NGC 4273	H569-2	Glxy SB(s)c	11.9	UGC 7380 MCG 1-32-8 CGCG 42-28 VCC382 IRAS 12173+537 PGC 39738
NGC 4281	H573-2	Glxy S0+: sp	12.3	UGC 7389 MCG 1-32-12 CGCG 42-34 VCC408 IRAS 12177+539 PGC 39801
NGC 4285		Glxy Sa	14.5	MCG -2-32-4 PGC 39842
NGC 4294	H61-2	Glxy SB(s)cd	12.5	UGC 7407 MCG 2-32-9 CGCG 70-24 VCC465 IRAS 12187+1147 PGC 39925
NGC 4299	H62-2	Glxy SAB(s)dm:	12.9	UGC 7414 MCG 2-32-10 CGCG 70-25 VCC491 IRAS 12191+1146 PGC 39968
NGC 4300	H572-2	Glxy Sa	13.9	UGC 7413 MCG 1-32-21 CGCG 42-44 VCC492 PGC 39972
NGC 4303	H139-1	Glxy SAB(rs)bc	10.2	M 61 KUG 109+322 PGC 40001
NGC 4305		Glxy SA(r)a	13.3	UGC 7432 MCG 2-32-13 CGCG 70-31 VCC522 PGC 40030
NGC 4306		Glxy SB(s)0^:	13.6	UGC 7433 MCG 2-32-14 CGCG 70-32 VCC523 PGC 40032
NGC 4307		Glxy Sb sp	12.8	UGC 7431 MCG 2-32-12A CGCG 70-29 VCC524 IRAS 12195+919 PGC 40033
NGC 4309		Glxy SAB(r)0+	13.7	UGC 7435 MCG 1-32-25 CGCG 42-51 VCC534 IRAS 12196+725 PGC 40051
NGC 4313	H63-2	Glxy SA(rs)ab: sp	12.5	UGC 7445 MCG 2-32-16 CGCG 70-34 VCC570 IRAS 12200+1204 PGC 40105
NGC 4324		Glxy SA(r)0+	11.6	UGC 7451 MCG 1-32-32 CGCG 42-63 VCC613 IRAS 12205+531 PGC 40179
NGC 4326	H141-2	Glxy SAB(r)ab:	14.2	UGC 7454 MCG 1-32-33 CGCG 42-64 VCC623 PGC 40192
NGC 4330		Glxy Scd?	13.1	UGC 7456 MCG 2-32-20 CGCG 70-39 VCC630 IRAS 12207+1138 PGC 40201
NGC 4339	H143-2	Glxy E0	12.3	UGC 7461 MCG 1-32-36 CGCG 42-68 VCC648 PGC 40240
NGC 4341	H95-3	Glxy SAB(s)0^ sp	14.2	IC 3260 PGC 40280 UGC 7472 MCG 1-32-42 CGCG 42-76 VCC672
NGC 4342	H96-3	Glxy S0- sp	13.4	IC 3256 PGC 40252 UGC 7466 MCG 1-32-39 CGCG 42-71 ARAK361 VCC657
NGC 4343	H94-3	Glxy SA(rs)b:	13.1	UGC 7465 MCG 1-32-38 CGCG 42-70 VCC656 IRAS 12210+713 PGC 40251
NGC 4348	H625-2	Glxy SAbc: sp	13.3	MCG 0-32-3 CGCG 14-23 IRAS 12213-310 KARA527 PGC 40284
NGC 4351		Glxy SBab/	12.2	
NGC 4352	H64-2	Glxy SA0: sp	13.5	UGC 7475 MCG 2-32-23 CGCG 70-44 VCC698 PGC 40313
NGC 4356	H481-3	Glxy Scd:	14	IC 3273 PGC 40342 UGC 7482 MCG 2-32-26 CGCG 70-48 VCC713 IRAS 12217+848
NGC 4365	H30-1	Glxy E3	10.5	UGC 7488 MCG 1-32-48 CGCG 42-83 VCC731 PGC 40375
NGC 4370	H144-2	Glxy Sa sp	13.5	UGC 7492 MCG 1-32-51 CGCG 42-89 VCC758 IRAS 12223+743 PGC 40439
NGC 4371	H22-1	Glxy SB(r)0+	11.8	UGC 7493 MCG 2-32-33 CGCG 70-57 VCC759 PGC 40442
NGC 4374		Glxy E1	10.1	M 84 MCG -3-4-28 VV 258 PGC 40455
NGC 4378	H123-1	Glxy (R)SA(s)a	12.6	UGC 7497 MCG 1-32-52 CGCG 42-92 VCC785 IRAS 12227+512 PGC 40490
NGC 4380		Glxy SA(rs)b:?	12.7	UGC 7503 MCG 2-32-37 CGCG 70-61 VCC792 IRAS 12228+1017 PGC 40507
NGC 4385		Glxy SB(rs)0+:	13.2	UGC 7515 MCG 0-32-9 MK 52 CGCG 14-34 UM499 IRAS 12231+50 PGC 40564

## Virgo - The Virgin

Observed: Yes

Object	Her	Type	Mag	Alias/Notes
NGC 4387	H167-2	Glxy E	13	UGC 7517 MCG 2-32-39 CGCG 70-65 VCC828 PGC 40562
NGC 4388	H168-2	Glxy SA(s)b: sp	11.8	UGC 7520 MCG 2-32-41 CGCG 70-68 VCC836 IRAS 12232+1256 PGC 40581
NGC 4402		Glxy Sb sp	12.6	UGC 7528 MCG 2-32-44 CGCG 70-71 VCC873 IRAS 12235+1323 PGC 40644
NGC 4403	H755-3	Glxy SA(r)ab pec sp	13.8	MCG -1-32-8 IRAS 12236-724 PGC 40656
NGC 4404	H756-3	Glxy SA(r)0- pec:	12	MCG -1-32-9 PGC 40666
NGC 4406		Glxy E3	9.8	M 86 ESO 296-7 MCG -6-3-29 IRAS 1112-3810 PGC 40653
NGC 4410A		Non-Existent		NGC 4410-1 PGC 40694 UGC 7535 MCG 2-32-47 MK 1325 CGCG 70-73 VCC904
NGC 4410B		Non-Existent		NGC 4410-2 PGC 40697 UGC 7535 MCG 2-32-47 MK 1325 CGCG 70-73 VCC907
NGC 4411A		Glxy SBdm	12.9	
NGC 4411B		Non-Existent		NGC 4411-2 PGC 40745 UGC 7546 MCG 2-32-55 CGCG 70-82 VCC939 IRAS 12242+909
NGC 4413	H169-2	Non-Existent		NGC 4407 PGC 40705 UGC 7538 MCG 2-32-49 CGCG 70-76 VCC912 IRAS 12239+1253
NGC 4417	H155-2	Glxy SB0: sp	12	UGC 7542 MCG 2-32-53 CGCG 70-80 VCC944 PGC 40756
NGC 4420	H23-2	Non-Existent		
NGC 4424		Glxy SB(s)a:	12.3	UGC 7561 MCG 2-32-58 CGCG 70-90 VCC979 IRAS 12246+941 PGC 40809
NGC 4425	H170-2	Glxy SB0+: sp	11.8	UGC 7562 MCG 2-32-59 CGCG 70-91 VCC984 PGC 40816
NGC 4429	H65-2	Glxy SA(r)0+	11	UGC 7568 MCG 2-32-61 CGCG 70-93 VCC1003 IRAS 12249+1123 PGC 40850
NGC 4435	H28-1	Glxy SB(s)0^	11.7	The Eyes PGC 40898
NGC 4437	H5-4	Glxy SA(s)cd: sp	11.1	NGC 4517 PGC 41618 UGC 7694 MCG 0-32-20 CGCG 14-63 UM505 IRAS 12301+23
NGC 4438	H28-1	Glxy SA(s)0/a pec:	11	UGC 7574 MCG 2-32-65 CGCG 70-97 VV 188 ARP 120 VCC1043 IRAS 12252+1317 PGC 40914
NGC 4442	H156-2	Glxy SB(s)0^	11.4	UGC 7583 MCG 2-32-68 CGCG 70-100 VCC1062 PGC 40950
NGC 4443		Non-Existent		
NGC 4451		Glxy Sbc:	13.3	UGC 7600 MCG 2-32-79 CGCG 70-111 ARAK368 VCC1118 IRAS 12260+932 PGC 41050
NGC 4454	H180-2	Glxy (R)SB(r)0/a	12.7	UGC 7606 MCG 0-32-14 CGCG 14-48 IRAS 12262-139 PGC 41083
NGC 4457	H35-2	Glxy (R)SAB(s)0/a	11.8	UGC 7609 MCG 1-32-75 CGCG 42-124 VCC1145 IRAS 12264+350 PGC 41101
NGC 4458	H121-2	Glxy E0-1	12	UGC 7610 MCG 2-32-82 CGCG 70-114 VCC1146 PGC 41095
NGC 4461	H122-2	Glxy SB(s)0+:	11.1	UGC 7613 MCG 2-32-84 CGCG 70-115 VCC1158 PGC 41111
NGC 4464	H483-3	Glxy S?	12.5	UGC 7619 MCG 1-32-78 CGCG 42-128 VCC1178 PGC 41148
NGC 4465		Glxy Sc	15.6	CGCG 42-127 VCC1182 PGC 41157
NGC 4467		Glxy E2	14.8	MCG 1-32-80 CGCG 42-130 ARAK369 VCC1192 PGC 41169
NGC 4469	H157-2	Glxy SB(s)0/a? sp	12.2	UGC 7622 MCG 2-32-89 CGCG 70-121 VCC1190 IRAS 12269+901 PGC 41164
NGC 4470	H18-2	Glxy Sa?	13	NGC 4610 PGC 41189 UGC 7627 MCG 1-32-82 CGCG 42-132 VCC1205 IRAS 12270+806
NGC 4472		Glxy E2	9.4	M 49 MCG 6-3-25 CGCG 520-31 PGC 41220
NGC 4476	H123-2	Glxy SA(r)0-:	13	UGC 7637 MCG 2-32-96 CGCG 70-128 VCC1250 IRAS 12274+1237 PGC 41255
NGC 4478	H124-2	Glxy E2	12.4	UGC 7645 MCG 2-32-99 CGCG 70-133 VCC1279 PGC 41297
NGC 4482	H40-3	Glxy E	13.7	IC 3427 PGC 41272 UGC 7640 MCG 2-32-98 CGCG 70-130 VCC1261
NGC 4484		Glxy SA(s)c pec:	14	MCG -2-32-13 IRAS 12262-1122 PGC 41087
NGC 4486		Glxy E+0-1 pec	9.6	M 87 UGC 791 MCG 0-4-52 CGCG 385-43 PGC 41361
NGC 4486A		Glxy E2	13.5	UGC 7658 MCG 2-32-110 CGCG 70-141 ARAK372 VCC1327 PGC 41377
NGC 4486B		Glxy cE0	13.3	MCG 2-32-101 UGC A283 1ZW38 VCC1297 PGC 41327
NGC 4487	H776-2	Glxy SAB(rs)cd	11.6	MCG -1-32-21 IRAS 12285-746 PGC 41399
NGC 4488	H484-3	Glxy SB(s)0/a pec:	12.2	UGC 7653 MCG 2-32-104 CGCG 70-137 VCC1318 PGC 41363
NGC 4491	H41-3	Glxy SB(s)a:	13.5	UGC 7657 MCG 2-32-107 CGCG 70-140 VCC1326 IRAS 12284+1145 PGC 41376



## Virgo - The Virgin

Observed: Yes

Object	Her	Type	Mag	Alias/Notes
NGC 4492	H499-2	Glxy SA(s)a?	12.6	IC 3438 PGC 41383 UGC 7656 MCG 1-32-89 CGCG 42-141 VCC1330
NGC 4493		Glxy E+ pec:	14.3	MCG 0-32-17 CGCG 14-56 PGC 41409
NGC 4496A		Glxy SB(rs)m	11.9	UGC 7668 MCG 1-32-90 CGCG 42-144 VV 76 VCC1375 PGC 41471
NGC 4496B		Glxy IB(s)m:	14.5	CGCG 42-144 VV 76 VCC1376 PGC 41473
NGC 4497	H42-3	Glxy SAB(s)0+:	13.2	IC 3452 PGC 41457 UGC 7665 MCG 2-32-113 CGCG 70-145 VCC1368
NGC 4503	H66-2	Glxy SB0-:	12.1	UGC 7680 MCG 2-32-118 CGCG 70-149 VCC1412 PGC 41538
NGC 4504	H771-2	Glxy SA(s)cd	11.9	MCG -1-32-22 IRAS 12296-717 PGC 41555
NGC 4518		Glxy SB0_2/3_(r)/a	14.7	MCG 1-32-95 CGCG 42-150 VCC1484 IRAS 12306+806 PGC 41674
NGC 4519	H158-2	Glxy SB(rs)d	12.3	UGC 7709 MCG 2-32-135 CGCG 70-167 VCC1508 IRAS 12308+856 PGC 41719
NGC 4519A		Glxy dS0?	15.3	MCG 2-32-134 CGCG 70-165 VCC1501 PGC 41706
NGC 4520	H757-3	Glxy SA0- pec sp	14.8	IC 799 PGC 41748
NGC 4522		Glxy SB(s)cd: sp	13	UGC 7711 MCG 2-32-137 CGCG 70-168 VCC1516 IRAS 12311+926 PGC 41729
NGC 4526	H31-1	Glxy SAB(s)0^:	10.7	NGC 4560 PGC 41772 UGC 7718 MCG 1-32-100 CGCG 42-155 VCC1535 IRAS 12315+758
NGC 4527	H37-2	Glxy SAB(s)bc	10.4	UGC 7721 MCG 1-32-101 CGCG 42-156 VCC1540 IRAS 12315+255 PGC 41789
NGC 4528	H67-2	Glxy S0^:	13	UGC 7722 MCG 2-32-140 CGCG 70-172 VCC1537 PGC 41781
NGC 4531	H175-2	Glxy SB0+:	12.4	UGC 7729 MCG 2-32-141 CGCG 70-175 VCC1552 IRAS 12317+1321 PGC 41806
NGC 4532	H147-2	Glxy IBm	12.3	UGC 7726 MCG 1-32-103 CGCG 42-158 VCC1554 IRAS 12317+644 PGC 41811
NGC 4535	H500-2	Glxy SAB(s)c	9.9	UGC 7727 MCG 1-32-104 CGCG 42-159 VCC1555 IRAS 12318+828 PGC 41812
NGC 4536	H2-5	Glxy SAB(rs)bc	11.2	UGC 7732 MCG 0-32-23 CGCG 14-68 UM506 VCC1562 IRAS 12318+227 PGC 41823
NGC 4546	H160-1	Glxy SB(s)0-:	11.3	MCG -1-32-27 UGC A288 PGC 41939
NGC 4550	H36-1	Glxy SB0^: sp	12.6	UGC 7757 MCG 2-32-147 CGCG 70-182 VCC1619 PGC 41943
NGC 4551	H37-1	Glxy E:	13	UGC 7759 MCG 2-32-148 CGCG 70-183 VCC1630 PGC 41963
NGC 4552		Glxy E0-1	10.7	M 89 MCG -2-4-16 PGC 41968
NGC 4567	H8-4	Glxy SA(rs)bc	12.1	Siamese Twins PGC 42064
NGC 4568	H9-4	Glxy SA(rs)bc	11.7	UGC 7776 MCG 2-32-152 CGCG 70-188 VV 219 VCC1676 IRAS 12340+1130 PGC 42069
NGC 4569		Glxy SAB(rs)ab	10.3	M 90 ESO 195-35 FAIR294 IRAS 1138-5027 PGC 42089
NGC 4570	H32-1	Glxy S0 sp	11.8	UGC 7785 MCG 1-32-114 CGCG 42-178 VCC1692 PGC 42096
NGC 4578	H15-2	Glxy SA(r)0^:	12.4	UGC 7793 MCG 2-32-159 CGCG 70-195 VCC1720 PGC 42149
NGC 4579		Glxy SAB(rs)b	9.6	M 58 UGC 811 MCG 6-3-28 CGCG 520-34 PGC 42168
NGC 4580	H124-1	Glxy SAB(rs)a pec	11.8	UGC 7794 MCG 1-32-117 CGCG 42-183 VCC1730 IRAS 12352+538 PGC 42174
NGC 4581		Glxy E+	13.3	UGC 7801 MCG 0-32-28 CGCG 14-83 PGC 42199
NGC 4584		Glxy SAB(s)a?	13.8	UGC 7803 MCG 2-32-162 CGCG 70-199 VCC1757 PGC 42223
NGC 4586	H125-1	Glxy SA(s)a: sp	12.6	UGC 7804 MCG 1-32-122 CGCG 42-187 VCC1760 IRAS 12359+435 PGC 42241
NGC 4592	H31-2	Glxy SA(s)dm:	12.2	UGC 7819 MCG 0-32-32 CGCG 14-91 IRAS 12367-15 PGC 42336
NGC 4593	H183-2	Glxy (R)SB(rs)b	11.7	MCG -1-32-32 MK 1330 IRAS 12370-504 PGC 42375
NGC 4594	H43-1	Glxy SA(s)a sp	9	M 104 Sombrero Galaxy MCG 5-4-11 MK 976 CGCG 502-19 KUG 113+328B PGC 42407
NGC 4596	H24-1	Glxy SB(r)0+	11.4	UGC 7828 MCG 2-32-170 CGCG 70-206 VCC1813 PGC 42401
NGC 4597	H636-2	Glxy SB(rs)m	12.6	MCG -1-32-34 IRAS 12376-531 PGC 42429
NGC 4598	H105-3	Glxy SB0	13.7	UGC 7829 MCG 2-32-171 CGCG 70-207 VCC1827 PGC 42427
NGC 4599	H509-3	Glxy SA0/a sp	13.6	UGC 7833 MCG 0-32-34 CGCG 14-99 PGC 42453
NGC 4600	H577-2	Glxy S0	13.7	UGC 7832 MCG 1-32-128 CGCG 42-198 VCC1834 PGC 42447
NGC 4602	H184-2	Glxy SAB(rs)bc	12.3	MCG -1-32-36 IRAS 12380-451 PGC 42476
NGC 4604		Glxy Im: sp	13.2	MCG -1-32-37 IRAS 12381-501 PGC 42489

## Virgo - The Virgin

Observed: Yes

Object	Her	Type	Mag	Alias/Notes
NGC 4606	H43-3	Glxy SB(s)a:	12.7	UGC 7839 MCG 2-32-174 CGCG 70-213 VCC1859 IRAS 12384+1211 PGC 42516
NGC 4607		Glxy SBb? sp	13.8	UGC 7843 MCG 2-32-176 CGCG 70-216 VCC1868 IRAS 12386+1209 PGC 42544
NGC 4608	H69-2	Glxy SB(r)0^	12	UGC 7842 MCG 2-32-177 CGCG 70-214 VCC1869 PGC 42545
NGC 4612	H148-2	Glxy (R)SAB0^	11.9	UGC 7850 MCG 1-32-134 CGCG 42-205 VCC1883 PGC 42574
NGC 4621		Glxy E5	10.6	M 59 FAIR689 PGC 42628
NGC 4623	H149-2	Glxy SB0+: sp	13.2	UGC 7862 MCG 1-32-135 CGCG 42-207 VCC1913 PGC 42647
NGC 4624		Glxy E0-1	10.4	NGC 4636 PGC 42734 UGC 7878 MCG 1-32-137 CGCG 43-2 VCC1939
NGC 4630	H532-2	Glxy IB(s)m?	13.2	UGC 7871 MCG 1-32-136 CGCG 42-208 CGCG 43-1 VCC1923 IRAS 12399+414 PGC 42688
NGC 4632	H14-1	Glxy SAc	12.4	UGC 7870 MCG 0-32-38 CGCG 14-110 UM514 IRAS 12399+11 PGC 42689
NGC 4636	H38-2	Glxy E	9.4	
NGC 4637		Glxy S0?	14.8	UGC 7881 MCG 2-32-188 CGCG 71-7 VCC1945 PGC 42744
NGC 4638	H70-2	Glxy S0- sp	12.1	NGC 4667 PGC 42728 UGC 7880 MCG 2-32-187 CGCG 70-229 CGCG 71-6 VCC1938
NGC 4639	H125-2	Glxy SAB(rs)bc	12.2	UGC 7884 MCG 2-32-189 CGCG 70-230 CGCG 71-8 VCC1943 IRAS 12403+1331 PGC 42741
NGC 4643	H10-1	Glxy SB(rs)0/a	11.7	UGC 7895 MCG 0-33-5 CGCG 15-8 IRAS 12407+215 PGC 42797
NGC 4647	H44-3	Glxy SAB(rs)c	11.9	UGC 7896 MCG 2-33-1 CGCG 71-15 VV 206 ARP 116 VCC1972 IRAS 12410+1151 PGC 42816
NGC 4649		Glxy E2	9.8	M 60 ESO 151-39 PGC 42831
NGC 4654	H126-2	Glxy SAB(rs)cd	11.1	IC 3708 UGC 7902 MCG 2-33-4 CGCG 71-19 VCC1987 IRAS 12414+1324 PGC 42857
NGC 4660	H71-2	Glxy E:	12.2	UGC 7914 MCG 2-33-6 CGCG 71-23 VCC2000 PGC 42917
NGC 4664	H142-1	Glxy SB(s)0/a	10.5	NGC 4665 PGC 42970 NGC 4665 UGC 7924 MCG 1-33-5 CGCG 43-18
NGC 4665		Non-Existent		
NGC 4666	H15-1	Glxy SABc:	10.7	UGC 7926 MCG 0-33-8 CGCG 15-15 PGC 42975
NGC 4684	H181-2	Glxy SB(r)0+	12.4	UGC 7951 MCG 0-33-11 CGCG 15-19 IRAS 12447-227 PGC 43149
NGC 4691	H182-2	Glxy (R)SB(s)0/a pec	11.7	MCG 0-33-13 UGC A299 CGCG 15-23 IRAS 12456-303 PGC 43238
NGC 4697	H39-1	Glxy E6	10.1	MCG -1-33-10 UGC A300 PGC 43276
NGC 4698	H8-1	Glxy SA(s)ab	11.5	UGC 7970 MCG 2-33-24 M4698 CGCG 71-45 VCC2070 IRAS 12458+845 PGC 43254
NGC 4699	H129-1	Glxy SAB(rs)b	10.4	MCG -1-33-13 UGC A301 IRAS 12464-823 PGC 43321
NGC 4700	H524-3	Glxy SB(s)c? sp	12.6	MCG -2-33-13 IRAS 12465-1108 PGC 43330
NGC 4701	H578-2	Glxy SA(s)cd	12.8	UGC 7975 MCG 1-33-15 CGCG 43-34 IRAS 12466+339 PGC 43331
NGC 4703	H514-3	Glxy Sb sp	14.5	MCG -1-33-15 PGC 43342
NGC 4705	H610-3	Glxy SAB(s)bc: sp	13.6	MCG -1-33-16 IRAS 12468-455 PGC 43350
NGC 4708	H722-3	Glxy SA(r)ab pec?	14.6	MCG -2-33-16 IRAS 12470-1049 PGC 43382
NGC 4713	H140-1	Glxy SAB(rs)d	12.2	UGC 7985 MCG 1-33-18 CGCG 43-41 IRAS 12474+534 PGC 43413
NGC 4716		Glxy S0^ pec?	14.3	MCG -1-33-21 PGC 43464
NGC 4717		Glxy SB(rs)a pec?	15.1	MCG -1-33-23 PGC 43467
NGC 4731	H41-1	Glxy SB(s)cd	11.9	MCG -1-33-26 UGC A302 IRAS 12484-607 PGC 43507
NGC 4739	H515-3	Glxy E+ pec:	13.4	MCG -1-33-29 PGC 43571
NGC 4742	H133-1	Glxy E4:	12.1	MCG -2-33-32 UGC A303 IRAS 12490-1009 PGC 43594
NGC 4753	H16-1	Glxy I0	10.9	UGC 8009 MCG 0-33-16 CGCG 15-29 IRAS 12498-55 PGC 43671
NGC 4754	H25-1	Glxy SB(r)0-:	11.5	UGC 8010 MCG 2-33-30 CGCG 71-62 VCC2092 PGC 43656
NGC 4759B		Non-Existent		
NGC 4760		Glxy E0?	11.4	MCG -2-33-41 PGC 43763
NGC 4761		Glxy E+	14.8	MCG -1-33-39 Hickson 62C PGC 43768

## Virgo - The Virgin

Observed: Yes

Object	Her	Type	Mag	Alias/Notes
NGC 4762	H75-2	Glxy SB(r)0 <sup>^</sup> ? sp	10.2	UGC 8016 MCG 2-33-33 CGCG 71-65 VCC2095 PGC 43733
NGC 4764		Glxy S?	16	Hickson 62D PGC 43760
NGC 4772	H24-2	Glxy SA(s)a	12	UGC 8021 MCG 0-33-18 CGCG 15-32 PGC 43798
NGC 4775	H186-2	Glxy SA(s)d	11.7	MCG -1-33-43 UGC A306 IRAS 12511-621 PGC 43826
NGC 4778		Glxy S0+ sp	13.5	MCG -1-33-37 Hickson 62A PGC 43757
NGC 4781	H134-1	Glxy SB(rs)d	11.7	MCG -2-33-49 IRAS 12517-1015 PGC 43902
NGC 4809		Glxy Im pec	14.4	MCG 1-33-22 CGCG 43-61 UM523 VV 313 ARP 277 IRAS 12523+255 PGC 43969
NGC 4810		Glxy Im pec	14.9	UGC 8034 MCG 1-33-23 CGCG 43-62 VV 313 ARP 277 PGC 43971
NGC 4818	H549-2	Glxy SAB(rs)ab pec:	12	MCG -1-33-57 IRAS 12542-815 PGC 44191
NGC 4845	H536-2	Glxy SA(s)ab sp	12.1	NGC 4910 PGC 44392 UGC 8078 MCG 0-33-25 CGCG 15-49 IRAS 12554+150
NGC 4856	H68-1	Glxy SB(s)0/a	11.5	MCG -2-33-78 UGC A313 PGC 44582
NGC 4866	H162-1	Glxy SA(r)0+: sp	12.1	UGC 8102 MCG 2-33-45 CGCG 71-92 PGC 44600
NGC 4880	H83-3	Glxy SA(r)0+:	12.4	UGC 8109 MCG 2-33-47 CGCG 71-94 PGC 44719
NGC 4900	H143-1	Glxy SB(rs)c	11.9	UGC 8116 MCG 1-33-35 CGCG 43-93 IRAS 12580+246 PGC 44797
NGC 4902	H69-1	Glxy SB(r)b	11.6	MCG -2-33-92 UGC A315 IRAS 12583-1414 PGC 44847
NGC 4904	H517-2	Glxy SB(s)cd	12.6	UGC 8121 MCG 0-33-26 MK 1341 CGCG 15-55 IRAS 12584+14 PGC 44846
NGC 4915	H47-4	Glxy E0	13	MCG -1-33-69 UGC A318 PGC 44891
NGC 4928	H190-2	Glxy SA(s)bc pec	13.3	MCG -1-33-75 IRAS 13004-749 PGC 45052
NGC 4933A		Glxy S0/a pec	12.7	PGC 45146 MCG -2-33-102 ARP 176
NGC 4933B		Glxy E pec	13.4	PGC 45142 MCG -2-33-101 ARP 176
NGC 4939	H561-2	Glxy SA(s)bc	11.9	MCG -2-33-104 PGC 45170
NGC 4941	H40-1	Glxy (R)SAB(r)ab:	11.9	MCG -1-33-77 UGC A321 IRAS 13016-516 PGC 45165
NGC 4958	H130-1	Glxy SB(r)0? sp	11.6	MCG -1-33-84 UGC A323 PGC 45313
NGC 4981	H189-2	Glxy SAB(r)bc	12.1	MCG -1-34-3 IRAS 13062-630 PGC 45574
NGC 4984	H301-2	Glxy (R)SAB(rs)0+	12.3	MCG -2-34-4 IRAS 13062-1514 2SZ6 PGC 45585
NGC 4995	H42-1	Glxy SAB(rs)b	12	MCG -1-34-7 UGC A329 IRAS 13070-734 PGC 45643
NGC 4999	H537-2	Glxy SB(r)b	12.6	UGC 8236 MCG 0-34-10 CGCG 16-12 IRAS 13069+156 PGC 45632
NGC 5018	H746-2	Glxy E3:	11.7	ESO 576-10 MCG -3-34-17 UGC A335 IRAS 13103-1915 PGC 45908
NGC 5020	H129-2	Glxy SAB(rs)bc	12.5	UGC 8289 MCG 2-34-3 CGCG 72-24 IRAS 13102+1251 PGC 45883
NGC 5022		Glxy SBb pec sp	13.7	MCG -3-34-21 PGC 45952
NGC 5037	H510-2	Glxy SA(s)a:	12.2	MCG -3-34-29 IRAS 13123-1619 PGC 46078
NGC 5044	H511-2	Glxy E0	11.8	MCG -3-34-34 UGC A341 PGC 46115
NGC 5054	H513-2	Glxy SA(s)bc	10.8	MCG -3-34-39 UGC A344 IRAS 13142-1622 PGC 46247
NGC 5068	H312-2	Glxy SAB(rs)cd	10.7	ESO 576-29 MCG -3-34-46 UGC A345 PGC 46400
NGC 5077	H193-2	Glxy E3-4	11.3	MCG -2-34-27 UGC A347 PGC 46456
NGC 5084	H313-2	Glxy S0 sp	11.6	ESO 576-33 MCG -4-32-4 PGC 46525
NGC 5087	H724-3	Glxy SA0:	12.4	ESO 576-35 MCG -3-34-50 UGC A350 IRAS 13177-2021 PGC 46541
NGC 5129	H653-2	Glxy E	13	UGC 8423 MCG 2-34-12 CGCG 72-65 PGC 46836
NGC 5134	H314-2	Glxy SA(s)b?	12.1	ESO 576-52 MCG -3-34-73 IRAS 13225-2052 PGC 46938
NGC 5146	H115-3	Glxy E/S0	13.1	MCG -2-34-49 PGC 47055
NGC 5221	H86-3	Glxy Sb:	13.8	UGC 8559 MCG 2-35-6 CGCG 73-40 VV 315 ARP 288 8ZW325 PGC 47869
NGC 5222	H85-3	Glxy E	14.1	UGC 8558 MCG 2-35-5 CGCG 73-39 VV 315 ARP 288 PGC 47871
NGC 5230	H87-3	Glxy SA(s)c	12.8	UGC 8573 MCG 2-35-9 CGCG 73-43 IRAS 13330+1355 PGC 47932
NGC 5247	H297-2	Glxy SA(s)bc	10.5	ESO 577-14 MCG -3-35-11 UGC A368 IRAS 13353-1737 PGC 48171
NGC 5257	H895-2	Glxy SAB(s)b pec	12.9	UGC 8641 MCG 0-35-15 CGCG 17-55 UM598 VV 55 ARP 240 PGC 48330

## Virgo - The Virgin

Observed: Yes

Object	Her	Type	Mag	Alias/Notes
NGC 5258	H896-2	Glxy SA(s)b: pec	12.9	UGC 8645 MCG 0-35-16 CGCG 17-56 VV 55 ARP 240 PGC 48338
NGC 5363	H6-1	Glxy I0?	11.1	UGC 8847 MCG 1-36-2 CGCG 46-7 IRAS 13536+529 PGC 49547
NGC 5364	H534-2	Glxy SA(rs)bc pec	11.2	PGC 49555 UGC 8853 MCG 1-36-3 CGCG 46-9 IRAS 13536+515
NGC 5426	H309-2	Glxy SA(s)c pec	12.7	MCG -1-36-4 UGC A380 VV 21 ARP 271 PGC 50083
NGC 5427	H310-2	Glxy SA(s)c pec	11.9	MCG -1-36-3 UGC A381 VV 21 ARP 271 IRAS 14008-547 PGC 50084
NGC 5493	H46-4	Glxy S0 pec sp	12.3	MCG -1-36-13 UGC A386 PGC 50670
NGC 5506	H687-2	Glxy Sa pec sp	12.8	MCG 0-36-28 UGC A387 MK 1376 CGCG 18-81 IRAS 14106-258 PGC 50782
NGC 5507	H49-4	Glxy SAB(r)0^	13.5	MCG 0-36-29 UGC A388 CGCG 18-82 PGC 50786
NGC 5534		Glxy (R')SAB(s)ab p:	13	MCG -1-36-14 MK 1379 VV 615 IRAS 14150-711 PGC 51055
NGC 5549	H552-3	Glxy S0	13.9	UGC 9156 MCG 1-36-36 CGCG 47-1 PGC 51118
NGC 5560	H579-2	Glxy SB(s)b pec	12.4	UGC 9172 MCG 1-37-1 CGCG 47-10 ARP 286 IRAS 14175+413 PGC 51223
NGC 5566	H144-1	Glxy SB(r)ab	11.5	UGC 9175 MCG 1-37-2 CGCG 47-12 ARP 286 IRAS 14178+409 PGC 51233
NGC 5569		Glxy SAB(rs)cd:	13.9	UGC 9176 MCG 1-37-3 CGCG 47-13 ARP 286 PGC 51241
NGC 5574	H145-1	Glxy SB0:-? sp	12.4	UGC 9181 MCG 1-37-6 CGCG 47-18 PGC 51270
NGC 5576	H146-1	Glxy E3	11	UGC 9183 MCG 1-37-7 CGCG 47-20 PGC 51275
NGC 5577		Glxy SA(rs)bc:	13.1	UGC 9187 MCG 1-37-9 CGCG 47-22 IRAS 14187+339 PGC 51286
NGC 5599	H927-3	Glxy Sb	14.4	UGC 9218 MCG 1-37-10 CGCG 47-30 IRAS 14213+647 PGC 51423
NGC 5618	H763-3	Glxy SB(rs)c	14.1	UGC 9250 MCG 0-37-5 CGCG 19-26 PGC 51603
NGC 5619		Glxy SAB(rs)b	13.4	UGC 9255 MCG 1-37-12 CGCG 47-44 VV 408 IRAS 14248+501 PGC 51610
NGC 5634	H70-1	Globular	9.5	
NGC 5636	H580-2	Glxy SAB(r)0+	13.7	UGC 9304 MCG 1-37-17 CGCG 47-62 PGC 51785
NGC 5638	H581-2	Glxy E1	11.2	UGC 9308 MCG 1-37-18 CGCG 47-63 PGC 51787
NGC 5652	H891-2	Non-Existent		NGC 5650 PGC 51865 UGC 9334 MCG 1-37-20 CGCG 47-72 IRAS 14285+611 8ZW427
NGC 5661	H892-2	Glxy SBb:	14.1	UGC 9346 MCG 1-37-23 CGCG 47-81 IRAS 14294+628 PGC 51921
NGC 5668	H574-2	Glxy SA(s)d	12.2	UGC 9363 MCG 1-37-28 CGCG 47-90 IRAS 14309+440 PGC 52018
NGC 5679A		Glxy Sc	14.5	MCG 1-37-34 VV 458 ARP 274 PGC 52130
NGC 5679B		Non-Existent		NGC 5679
NGC 5701	H575-2	Glxy (R)SB(rs)0/a	11.8	UGC 9436 MCG 1-37-42 CGCG 47-127 IRAS 14368+534 PGC 52365
NGC 5718	H550-3	Glxy S0-:	13.9	UGC 9459 MCG 1-37-47 CGCG 47-137 ARP 171 PGC 52441
NGC 5746	H126-1	Glxy SAB(rs)b? sp	11.3	UGC 9499 MCG 0-38-5 CGCG 20-12 IRAS 14424+209 PGC 52665
NGC 5750	H183-1	Glxy SB(r)0/a	12.5	UGC 9512 MCG 0-38-6 CGCG 20-13 IRAS 14436+0 PGC 52735
NGC 5774		Glxy SAB(rs)d	12.7	UGC 9576 MCG 1-38-13 CGCG 48-57 IRAS 14511+347 PGC 53231
NGC 5775	H554-3	Glxy SBc? sp	12.2	UGC 9579 MCG 1-38-14 CGCG 48-60 IRAS 14514+344 PGC 53247
NGC 5806	H539-2	Glxy SAB(s)b	12.4	UGC 9645 MCG 0-38-14 CGCG 20-41 IRAS 14574+205 PGC 53578
NGC 5813	H127-1	Glxy E1-2	11.5	UGC 9655 MCG 0-38-16 CGCG 20-45 PGC 53643
NGC 5831	H540-2	Glxy E3	11.5	UGC 9678 MCG 0-38-20 CGCG 20-54 PGC 53770
NGC 5838	H542-2	Glxy SA0-	11.9	UGC 9692 MCG 0-38-22 CGCG 20-57 IRAS 15029+217 PGC 53862
NGC 5839	H541-2	Glxy SAB(rs)0^:	13.7	UGC 9693 MCG 0-38-23 CGCG 20-58 PGC 53865
NGC 5846	H128-1	Glxy E0-1	10	UGC 9706 MCG 0-38-25 CGCG 20-61 PGC 53932
NGC 5846A		Glxy cE2-3	13.8	MCG 0-38-26 PGC 53930
NGC 5850	H543-2	Glxy SB(r)b	10.7	UGC 9715 MCG 0-39-2 CGCG 21-6 IRAS 15045+144 PGC 53979
NGC 5854	H544-2	Glxy SB(s)0+ sp	12.7	UGC 9726 MCG 1-39-1 CGCG 49-9 PGC 54013
NGC 5864	H585-2	Glxy SB(s)0^? sp	12.8	UGC 9740 MCG 1-39-2 CGCG 49-15 PGC 54111
PGC 36325		Glxy Pec	14.7	UGC 6665 MCG 0-30-19 MK 1304 CGCG 12-61 ARAK312 UM448 ARP 161 IRAS 11396+36

## Virgo - The Virgin

Observed: Yes

Object	Her	Type	Mag	Alias/Notes
PGC 36723		Glxy SAB(rs)b? pec	14.2	Wild's Triplet MCG -1-30-32 VV 35 ARP 248 ANON 1144-3A
PGC 36733		Glxy SB(s)b: pec	13.7	Wild's Triplet MCG -1-30-33 VV 35 ARP 248 ANON 1144-3B
PGC 36742		Glxy SB(s)c pec	14.3	Wild's Triplet MCG -1-30-34 VV 35 ARP 248 ANON 1144-3C
PGC 40602		Glxy S?	13.3	VCC849
PGC 41410		Glxy SAB(s)c:	14.4	CGCG 14-55
PGC 41666		Glxy		MCG 1-32-94 CGCG 42-149 VCC1480
PGC 41726		Glxy E	15.1	VCC1514
PGC 43728		Glxy Sab	14.2	UGC 8015 MCG 2-33-32 CGCG 71-64 ANON 1250+10
PGC 43762		Glxy	15.5	CGCG 71-66
PGC 43944		Glxy S	14.1	UGC 8032 MCG 2-33-35 CGCG 71-71 ANON 1252+13
PGC 44358		Glxy Sd: sp	13.5	MCG -1-33-60 UGC A311 IRAS 12551-921
PGC 45084		Glxy IB(s)m sp	13.5	MCG -3-33-30 UGC A320 DDO161 ANON 1300-17
PGC 51389		Glxy C	15.3	CGCG 19-10
PGC 51400		Glxy SB(s)d	13.2	UGC 9215 MCG 0-37-2 CGCG 19-12 IRAS 14208+157 8ZW408
PGC 51622		Glxy Sbc	14.7	UGC 9258 MCG 1-37-13 CGCG 47-47
PGC 51909		Glxy Sc	15.5	UGC 9345 CGCG 47-79
PGC 52199		Glxy S0	14.5	UGC 9400 MCG 1-37-38 CGCG 47-112
PK 318+41.1		PI Neb 3b+3a	13	ESO577+24

**Sub Total: 322****Total: 1258**