

## Cancer - The Crab

Observed: No

Object	Her	Type	Mag	Alias/Notes
IC 488		Non-Existent		(STAR)
IC 489		Non-Existent		(STAR)
IC 2229		Non-Existent		IC 496 MCG 4-19-28 CGCG 118-66 CGCG 119-1 IRAS 8067+2601 PGC 22903
IC 2235		Non-Existent		(STAR)
IC 2236		Non-Existent		
IC 2237		Non-Existent		
IC 2238		Non-Existent		
IC 2240		Non-Existent		
IC 2241		Non-Existent		
IC 2242		Non-Existent		
IC 2243		Non-Existent		
IC 2244		Non-Existent		
IC 2245		Non-Existent		
IC 2246		Non-Existent		
IC 2247		Non-Existent		
IC 2250		Non-Existent		
IC 2249		Non-Existent		
IC 2251		Non-Existent		
IC 2252		Non-Existent		
IC 2255		Non-Existent		(STAR)
IC 2257		Non-Existent		
IC 2258		Non-Existent		(STAR)
IC 2259		Non-Existent		
IC 2262		Non-Existent		
IC 2260		Non-Existent		
IC 2261		Non-Existent		
IC 2263		Non-Existent		
IC 2266		Non-Existent		
IC 2264		Non-Existent		
IC 2265		Non-Existent		
NGC 2554	H303-2	Glyx S0/a	12.9	UGC 4312 MCG 4-20-15 CGCG 119-33 IRAS 8149+2337 PGC 23256
IC 2270		Non-Existent		
IC 2272		Non-Existent		(STAR)
IC 2273		Non-Existent		(STAR)
IC 2274		Non-Existent		(STAR)
IC 2275		Non-Existent		(STAR)
IC 2276		Non-Existent		
IC 2277		Non-Existent		
IC 2278		Non-Existent		
IC 2279		Non-Existent		
IC 2280		Non-Existent		(STAR)
IC 2281		Non-Existent		
IC 2284		Non-Existent		
IC 2285		Non-Existent		
IC 2286		Non-Existent		

## Cancer - The Crab

Observed: No

Object	Her	Type	Mag	Alias/Notes
IC	2287	Non-Existent		
IC	2289	Non-Existent		(STAR)
IC	2283	Non-Existent		IC 2282 MCG 4-20-20 CGCG 119-49 KUG 816+249A PGC 23333
IC	2291	Non-Existent		(STAR)
IC	2292	Non-Existent		(STAR)
IC	2294	Non-Existent		
IC	2295	Non-Existent		(STAR)
IC	2296	Non-Existent		(STAR)
IC	2297	Non-Existent		(STAR)
IC	2298	Non-Existent		
IC	2299	Non-Existent		
IC	2300	Non-Existent		(STAR)
IC	2301	Non-Existent		
IC	2302	Non-Existent		
IC	2303	Non-Existent		(STAR)
NGC	2562	H607-3 Glxy S0/a:	13.9	UGC 4345 MCG 4-20-31 CGCG 119-63 ARAK159 PGC 23395
NGC	2563	H634-2 Glxy S0^:	13.2	UGC 4347 MCG 4-20-33 CGCG 119-65 PGC 23404
IC	2304	Non-Existent		
IC	2306	Non-Existent		
IC	2307	Glxy	15.5	CGCG 89-4 PGC 23417
IC	2305	Non-Existent		(STAR)
IC	2309	Glxy	15.6	CGCG 89-3 PGC 23416
IC	2308	Glxy S?	15.6	MCG 3-22-1 CGCG 89-6 ARAK160 IRAS 8178+1931 PGC 23415
IC	2310	Non-Existent		(STAR)
IC	2312	Non-Existent		
IC	2313	Non-Existent		
IC	2314	Non-Existent		(STAR)
IC	2315	Non-Existent		
IC	2316	Non-Existent		
NGC	2569	Glxy E?	15.3	MCG 4-20-35 CGCG 119-67 PGC 23442
NGC	2570	Glxy Sab	14.5	UGC 4354 MCG 4-20-36 CGCG 119-68 PGC 23443
IC	2317	Non-Existent		
NGC	2572	Glxy Sa?	14.7	UGC 4355 MCG 3-22-4 CGCG 89-7 ARAK161 PGC 23441
IC	2318	Non-Existent		
IC	2319	Non-Existent		
IC	2320	Non-Existent		(STAR)
IC	2321	Non-Existent		(STAR)
IC	2322	Non-Existent		
IC	2323	Non-Existent		
IC	2324	Non-Existent		
IC	502	Glxy E	15.4	CGCG 60-2 KARA245 PGC 23469
IC	2325	Non-Existent		
IC	2326	Non-Existent		
IC	2328	Non-Existent		
IC	2329	Glxy Sdm:	14.6	UGC 4365 MCG 3-22-5 CGCG 89-8 PGC 23483

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Observed: No

Object	Her	Type	Mag	Alias/Notes
IC 2330		Non-Existent		(STAR)
IC 2331		Non-Existent		
IC 2332		Non-Existent		(STAR)
NGC 2577	H259-2	Glxy S0-:	13.4	UGC 4367 MCG 4-20-42 CGCG 119-74 PGC 23498
NGC 2575		Glxy SA(rs)cd:	13.4	UGC 4368 MCG 4-20-40 CGCG 119-75 IRAS 8198+2427 KUG 819+244 PGC 23501
NGC 2576		Glxy Sb	15.1	UGC 4371 MCG 4-20-41 CGCG 119-76 PGC 23512
IC 2333		Non-Existent		(STAR)
IC 2334		Non-Existent		
IC 2335		Non-Existent		
IC 2336		Non-Existent		IC 2337 CGCG 89-10 PGC 23529
IC 2337		Glxy	15.7	IC 2337 IC 2336 CGCG 89-10 PGC 23529
IC 2342		Non-Existent		(STAR)
IC 2340		Glxy L	14.4	MCG 3-22-6 CGCG 89-11 PGC 23544
IC 2343		Non-Existent		
IC 2344		Non-Existent		(STAR)
IC 2345		Non-Existent		
IC 2346		Non-Existent		
IC 2347		Non-Existent		
IC 2349		Non-Existent		
IC 2348		Glxy S?	15.7	MCG 4-20-49 CGCG 119-85 PGC 23589
IC 2350		Non-Existent		
IC 2351		Non-Existent		
NGC 2581		Glxy SB?	14.3	UGC 4388 MCG 3-22-10 CGCG 89-19 IRAS 8216+1845 PGC 23599
IC 2353		Non-Existent		
IC 2352		Non-Existent		
IC 2354		Non-Existent		
IC 2355		Non-Existent		
IC 2356		Non-Existent		
IC 2357		Non-Existent		
IC 2358		Non-Existent		
IC 2359		Non-Existent		NGC 2582 UGC 4391 MCG 4-20-50 CGCG 89-22 CGCG 119-91 PGC 23630
IC 2360		Non-Existent		
NGC 2582	H753-3	Glxy (R')SAB(s)ab	13.9	IC 2359 PGC 23630 UGC 4391 MCG 4-20-50 CGCG 89-22 CGCG 119-91
IC 2362		Non-Existent		
IC 2361		Glxy S?	14.8	UGC 4394 MCG 5-20-12 CGCG 149-23 IRAS 8227+2802 PGC 23646
IC 2363		Glxy SB(s)bc:	14.8	MCG 3-22-11 CGCG 89-23 IRAS 8228+1936 PGC 23650
IC 2364		Non-Existent		
IC 2368		Non-Existent		
IC 2365		Glxy S0	14.4	IC 2365 UGC 4402 MCG 5-20-14 CGCG 149-25 PGC 23673
IC 2366		Non-Existent		
IC 2369		Glxy	15.1	CGCG 89-27 PGC 23678
IC 2370		Non-Existent		(STAR)
IC 2371		Non-Existent		
IC 2372		Non-Existent		
NGC 2593		Glxy S0/a	14.9	UGC 4408 MCG 3-22-12 CGCG 89-29 PGC 23692

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Object	Her	Type	Mag	Alias/Notes
IC 2373		Glxy Scd?	15.1	UGC 4409 MCG 4-20-54 CGCG 119-100 PGC 23695
NGC 2592	H315-2	Glxy E	13.3	UGC 4411 MCG 4-20-55 CGCG 119-102 PGC 23701
NGC 2594		Glxy L	14.9	MCG 4-20-56 CGCG 119-106 PGC 23704
NGC 2596		Glxy Sb	14.2	UGC 4419 MCG 3-22-13 CGCG 89-30 IRAS 8245+1726 PGC 23714
NGC 2595	H599-3	Glxy SAB(rs)c	12.9	UGC 4422 MCG 4-20-62 CGCG 119-109 3ZW59 IRAS 8247+2138 PGC 23725
IC 508		Glxy S?	14.9	MCG 4-20-63 CGCG 119-111 KUG 825+252 PGC 23762
IC 2381		Non-Existent		(STAR)
IC 2382		Glxy Sb	15.1	MCG 4-20-64 CGCG 119-114 ARAK164 PGC 23787
IC 2383		Glxy	15.7	CGCG 149-38 PGC 23829
NGC 2597		Non-Existent		STAR UGC 461 MCG 0-2-136 CGCG 383-79 IRAS 408-23 KARA33 PGC 23855
NGC 2598		Glxy SBa	14	
IC 509		Glxy SA(rs)c	13.6	UGC 4456 MCG 4-20-66 CGCG 119-121 IRAS 8290+2411 KARA260 PGC 23936
NGC 2599	H234-3	Glxy SAa	13.1	UGC 4458 MCG 4-20-67 MK 389 CGCG 119-122 IRAS 8292+2243 KUG 829+227A PGC 23941
NGC 2604	H292-3	Glxy SB(rs)cd	13	UGC 4469 MCG 5-20-22 CGCG 149-48 IRAS 8303+2942 PGC 23998
NGC 2604A		Non-Existent		
NGC 2604B		Glxy Sc	14.8	
NGC 2607		Glxy S?	14.6	UGC 4473 MCG 5-20-25 CGCG 149-51 KUG 830+271 PGC 24038
IC 2384		Glxy L	15.3	MCG 6-19-9 CGCG 179-11 PGC 24062
IC 2386		Non-Existent		
NGC 2611		Glxy	15.3	CGCG 119-127 PGC 24121
NGC 2620		Glxy S?	14.4	UGC 4501 MCG 4-21-1 CGCG 120-6 PGC 24233
NGC 2619	H319-2	Glxy Sbc	13.2	UGC 4503 MCG 5-21-2 CGCG 150-8 IRAS 8345+2852 PGC 24235
NGC 2621		Glxy S	15.4	MCG 4-21-3 CGCG 120-7 PGC 24241
NGC 2624		Glxy S	14.6	UGC 4506 MCG 3-22-19 CGCG 89-55 ARAK172 PGC 24264
NGC 2622		Glxy S?	15	MCG 4-21-8 MK 1218 CGCG 120-13 PGC 24269
NGC 2625		Glxy	14.5	MK 625 PGC 24285
IC 2387		Glxy Scd:	14.7	UGC 4511 MCG 5-21-3 CGCG 150-13 IRAS 8354+3058 PGC 24299
IC 2388		Glxy	15.7	CGCG 89-63 PGC 24365
NGC 2628	H235-3	Glxy SAB(r)c?	14	UGC 4519 MCG 4-21-12 CGCG 120-20 IRAS 8374+2342 PGC 24381
NGC 2637		Non-Existent		CGCG 89-65 PGC 24409
IC 2390		Glxy	15.6	CGCG 89-67 PGC 24434
NGC 2643		Non-Existent		IC 2390 CGCG 89-67 PGC 24434
NGC 2647		Glxy C	15.1	CGCG 89-68 PGC 24463
NGC 2651		Glxy Sc	15.4	CGCG 61-1 KARA282 PGC 24521
IC 2392		Glxy Sc	14.6	MCG 3-23-1 CGCG 90-2 IRAS 8416+1828 PGC 24559
NGC 2657		Glxy SA(rs)d:	13.6	UGC 4573 MCG 2-23-2 CGCG 61-6 IRAS 8425+949 PGC 24595
NGC 2661	H50-3	Glxy Scd:	13.5	UGC 4584 MCG 2-23-4 CGCG 61-8 IRAS 8432+1248 PGC 24632
IC 2396		Non-Existent		
IC 2397		Non-Existent		(STAR)
IC 2398		Glxy	15	MCG 3-23-3 CGCG 90-6 ARAK177 IRAS 8439+1756 PGC 24664
IC 2393		Glxy E	14.2	UGC 4589 MCG 5-21-7 CGCG 150-27 PGC 24669
IC 2394		Glxy SB(s)b	14.6	UGC 4595 MCG 5-21-9 CGCG 150-31 PGC 24678
NGC 2664		Open Cl OCL		
IC 2399		Glxy D	15.4	CGCG 90-10 PGC 24709
IC 2402		Glxy S	15.6	MCG 5-21-10 CGCG 150-33 PGC 24720

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Object	No	Her	Type	Mag	Alias/Notes
IC	2406		Glxy S0/a	14.2	UGC 4606 MCG 3-23-5 CGCG 90-11 IRAS 8452+1753 PGC 24721
IC	2407		Glxy Sb-c	15.3	UGC 4607 MCG 3-23-6 CGCG 90-12 PGC 24726
IC	2404		Glxy SB(s)b	15.4	CGCG 150-34 PGC 24725
IC	2408		Non-Existent		
IC	2409		Glxy SAB(s)a	14.4	UGC 4608 MCG 3-23-8 CGCG 90-15 IRAS 8455+1830 PGC 24748
NGC	2667A		Non-Existent		
IC	2410		Non-Existent		NGC 2667 MCG 3-23-7 CGCG 90-16 PGC 24741
NGC	2667B		Non-Existent		
IC	2412		Non-Existent		
IC	2413		Non-Existent		
IC	2414		Glxy	15.7	CGCG 90-20 PGC 24811
IC	2415		Non-Existent		(STAR)
NGC	2677		Glxy Sb	15.2	MCG 3-23-12 CGCG 90-21 PGC 24821
NGC	2678	H10-8	Open Cl 4 stars		
IC	2416		Non-Existent		(STAR)
IC	2417		Non-Existent		
IC	2418		Non-Existent		
NGC	2679	H294-3	Glxy SB0	13.1	
NGC	2680		Glxy SB0:	14.1	NGC 2679 UGC 4632 MCG 5-21-14 CGCG 150-41 PGC 24884
IC	2419		Non-Existent		
IC	523		Glxy Sab	14	UGC 4652 MCG 2-23-9 CGCG 61-18 PGC 24948
IC	2421		Glxy SA(rs)c	13.9	UGC 4658 MCG 6-20-13 CGCG 180-19 IRAS 8512+3252 KUG 851+328A PGC 24996
IC	2422		Glxy C	15.5	MCG 3-23-16 CGCG 90-34 PGC 24998
IC	2423		Glxy SAB(s)b	14.5	UGC 4667 MCG 3-23-17 CGCG 90-35 PGC 25021
NGC	2711		Glxy SB?	14.6	UGC 4688 MCG 3-23-20 CGCG 90-42 IRAS 8545+1728 PGC 25164
NGC	2720		Glxy S0-:	13.8	UGC 4710 MCG 2-23-16 CGCG 61-34 PGC 25238
NGC	2725		Glxy S?	14.4	UGC 4732 MCG 2-23-18 CGCG 61-38 PGC 25332
NGC	2728		Glxy Sb	14.4	UGC 4738 MCG 2-23-20 CGCG 61-42 PGC 25360
NGC	2731		Glxy S?	14.5	UGC 4741 MCG 2-23-21 CGCG 33-48 CGCG 61-45 IRAS 8594+829 PGC 25376
NGC	2730		Glxy SBdm:	13.5	UGC 4743 MCG 3-23-28 CGCG 90-57 IRAS 8594+1702 PGC 25384
IC	526		Glxy Sb	14.8	MCG 2-23-22 CGCG 61-46 IRAS 8599+1102 PGC 25401
NGC	2734		Glxy		PGC 25413
IC	2428		Glxy Scd:	14.5	UGC 4747 MCG 5-22-1 CGCG 151-4 IRAS 9002+3047 KARA296 PGC 25423
IC	2429		Glxy S?	15.1	MCG 5-22-3 CGCG 151-6 PGC 25446
NGC	2737		Glxy Sab	15	UGC 4751 MCG 4-22-5 CGCG 121-9 PGC 25453
NGC	2738		Glxy S?	14	UGC 4752 MCG 4-22-6 CGCG 121-10 VV 481 IRAS 9011+2210 PGC 25454
NGC	2741		Glxy		
IC	2430		Glxy S0/a	14.5	UGC 4755 MCG 5-22-5 CGCG 151-8 IRAS 9013+2809 PGC 25467
IC	2431		Glxy Quad System	14.6	UGC 4756 MCG 3-23-30 MK 1224 CGCG 90-63 VV 645 IRAS 9018+1447 PGC 25476
NGC	2744A		Glxy P	15.7	
NGC	2744	H60-3	Glxy SB(s)ab: pec	13.9	UGC 4757 MCG 3-23-31 CGCG 90-65 VV 612 IRAS 9018+1839 PGC 25480
NGC	2745		Glxy C	15.4	CGCG 90-64 PGC 25478
NGC	2743	H608-3	Glxy Sdm:	14.2	UGC 4760 MCG 4-22-9 CGCG 121-13 IRAS 9019+2512 PGC 25496
NGC	2747		Glxy	15.5	CGCG 90-70 PGC 25507

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Object	No	Her	Type	Mag	Alias/Notes
IC	2433		Glxy S	15.3	MCG 4-22-10 CGCG 121-16 PGC 25514
NGC	2751		Glxy Sbc	15	MCG 3-23-37 CGCG 90-71 PGC 25517
NGC	2752		Glxy SBb: sp	14.5	UGC 4772 MCG 3-23-38 CGCG 90-72 IRAS 9028+1832 PGC 25523
NGC	2750	H291-3	Glxy SABc	12.6	UGC 4769 MCG 4-22-12 CGCG 121-17 VV 541 IRAS 9028+2538 PGC 25525
IC	2435		Glxy E	15.3	UGC 4782 MCG 4-22-14 CGCG 121-19 ARAK194 PGC 25571
NGC	2753		Glxy	15.4	MCG 4-22-15 CGCG 121-20 PGC 25603
NGC	2761		Glxy Sm	14.9	MCG 3-23-41 CGCG 91-1 CGCG 90-77 IRAS 9047+1838 KARA302 PGC 25638
IC	2439		Glxy S0?	14.8	MCG 6-20-32 CGCG 180-43 PGC 25719
NGC	2766		Glxy Sab	14.5	UGC 4801 MCG 5-22-9 CGCG 151-14 PGC 25735
NGC	2773		Glxy S?	15	UGC 4815 MCG 1-24-4 CGCG 34-5 IRAS 9070+722 PGC 25825
IC	2441		Glxy	15.3	MCG 4-22-20 CGCG 121-30 VV 707 PGC 25844
IC	2442		Glxy S	15.1	MCG 4-22-21 CGCG 121-31 PGC 25843
NGC	2774	H61-3	Glxy S	14.7	MCG 3-24-4 CGCG 91-15 PGC 25879
NGC	2777		Glxy Sab?	14.2	UGC 4823 MCG 1-24-6 CGCG 34-8 IRAS 9080+724 PGC 25876
IC	2443		Glxy S?	15	MCG 5-22-11 CGCG 151-19 PGC 25908
IC	2445		Glxy SB?	15.1	UGC 4854 MCG 5-22-13 CGCG 151-24 PGC 25985
IC	2447		Non-Existent		
IC	2446		Glxy Sa	14.6	UGC 4855 MCG 5-22-15 CGCG 151-25 IRAS 9105+2909 PGC 26002
NGC	2783A		Non-Existent		NGC 2783
NGC	2786		Glxy		
NGC	2789		Glxy S0/a	13.2	UGC 4875 MCG 5-22-26 CGCG 151-35 IRAS 9120+2956 PGC 26089
NGC	2791		Glxy	15.6	CGCG 91-33 PGC 26088
NGC	2790		Glxy Sc	15.4	MCG 3-24-16 MK 1228 CGCG 91-34 ARAK198 IRAS 9122+1954 PGC 26092
IC	2449		Non-Existent		
IC	530		Glxy Sab	14	UGC 4880 MCG 2-24-3 CGCG 62-10 IRAS 9125+1205 KARA319 PGC 26101
IC	2450		Non-Existent		
IC	2451		Glxy	15.7	CGCG 121-45 PGC 26119
IC	2453		Glxy Sab	15.4	MK 1229 CGCG 121-46 IRAS 9130+2108 PGC 26131
IC	2452		Glxy	15.6	CGCG 121-47 PGC 26129
IC	2454		Glxy Sa?	14.1	UGC 4886 MCG 3-24-19 CGCG 91-38 IRAS 9132+1801 PGC 26139
NGC	2794		Glxy SB?	14	UGC 4885 MCG 3-24-18 CGCG 91-37 PGC 26140
NGC	2795		Glxy E	13.8	UGC 4887 MCG 3-24-20 CGCG 91-39 PGC 26143
NGC	2797		Glxy Pec	14.5	UGC 4891 MCG 3-24-23 CGCG 91-42 IRAS 9135+1756 PGC 26160
NGC	2802	H62-3	Glxy S?	15.3	UGC 4897 MCG 3-24-26 CGCG 91-44 PGC 26177
NGC	2796	H296-3	Glxy Sa?	14.6	UGC 4893 MCG 5-22-29 CGCG 151-42 PGC 26178
NGC	2803	H63-3	Glxy S?	15.1	UGC 4898 MCG 3-24-27 CGCG 91-44 PGC 26181
NGC	2801		Glxy SA(s)c	14.7	UGC 4899 MCG 3-24-25 CGCG 91-46 PGC 26183
IC	2455		Non-Existent		
NGC	2807A		Glxy S0	15	
IC	2457		Non-Existent		
NGC	2812		Glxy S0/Sb	15.9	CGCG 91-60 PGC 26242
NGC	2813		Glxy S0	14.5	UGC 4916 MCG 3-24-37 CGCG 91-61 PGC 26252
NGC	2819		Glxy E	13.8	UGC 4924 MCG 3-24-40 CGCG 91-62 PGC 26274
NGC	2824		Glxy S0	14.2	UGC 4933 MCG 4-22-31 MK 394 CGCG 121-57 IRAS 9160+2628 PGC 26330
NGC	2843	H64-3	Glxy		PGC 26414

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Observed: No

Object	Her	Type	Mag	Alias/Notes
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**Sub Total: 269**

Observed: Yes

Object	Her	Type	Mag	Alias/Notes
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IC	490	Glxy	15.6	CGCG 118-55 PGC 22607
IC	491	Glxy	15.3	CGCG 148-106 PGC 22631
IC	492	Glxy SB(s)bc:	14.3	UGC 4212 MCG 4-19-24 CGCG 118-59 PGC 22724
IC	493	Glxy Sb	14.9	MCG 4-19-26 CGCG 118-64 PGC 22795
IC	495	Glxy	15.4	
IC	496	Glxy Sbc	15.2	IC 2229 MCG 4-19-28 CGCG 118-66 CGCG 119-1 IRAS 8067+2601 PGC 22903
IC	497	Glxy S?	15.4	MCG 4-20-1 CGCG 118-67 CGCG 119-2 IRAS 8070+2503 PGC 22918
IC	501	Glxy	15.4	CGCG 119-42 PGC 23305
IC	528	Glxy Sab	15	UGC 4811 MCG 3-24-1 MK 1225 CGCG 91-8 Hickson 36A PGC 25783
IC	2217	Glxy S?	14.9	UGC 4160 MCG 5-19-31 CGCG 148-91 ARAK149 IRAS 7577+2738 PGC 22476
IC	2218	Glxy	15.7	CGCG 118-48 PGC 22509
IC	2219	Glxy Sc	14.4	UGC 4180 MCG 5-19-35 CGCG 148-100 IRAS 7595+2734 PGC 22565
IC	2226	Glxy SABab	14.2	UGC 4220 MCG 2-21-16 CGCG 59-44 PGC 22747
IC	2228	Glxy	15.5	MCG 1-21-13 CGCG 31-48 PGC 22786
IC	2230	Glxy C	15.5	CGCG 119-7 PGC 22944
IC	2239	Glxy S0?	14.5	MCG 4-20-6 CGCG 119-15 IRAS 8111+2401 PGC 23078
IC	2248	Glxy Sb	15.3	MCG 4-20-9 CGCG 119-21 ARAK156 PGC 23176
IC	2253	Glxy E?	14.9	MCG 4-20-11 CGCG 119-24 PGC 23204
IC	2254	Glxy	15.3	CGCG 119-25 PGC 23206
IC	2256	Glxy I?	15.5	MCG 4-20-12 CGCG 119-26 KUG 813+243 PGC 23214
IC	2267	Glxy SBcd?	14.8	UGC 4315 MCG 4-20-16 CGCG 119-36 KUG 815+248 PGC 23266
IC	2268	Glxy C	15.5	CGCG 119-37 KUG 815+249 PGC 23273
IC	2269	Glxy	15.6	CGCG 119-38 PGC 23278
IC	2271	Glxy C	15.5	CGCG 119-39 KUG 815+246 PGC 23283
IC	2282	Glxy S?	14.8	IC 2282 IC 2283 MCG 4-20-20 CGCG 119-49 KUG 816+249A PGC 23333
IC	2288	Glxy S?	15.8	MCG 4-20-23 CGCG 119-52 ARAK158 KARA242 KUG 816+239 PGC 23342
IC	2290	Glxy S0?	15.8	CGCG 88-59 CGCG 89-1 KARA241 PGC 23334
IC	2293	Glxy S?	14.9	MCG 4-20-24 CGCG 119-54 PGC 23352
IC	2338	Glxy SAB(s)cd pec	14.7	UGC 4383 MCG 4-20-44 CGCG 119-80 ARP 247 PGC 23546
IC	2339	Glxy SAB(s)cd pec	15	UGC 4383 MCG 4-20-45 CGCG 119-80 ARP 247 IRAS 8206+2130 PGC 23542
IC	2341	Glxy S0-:	14.6	UGC 4384 MCG 4-20-46 CGCG 119-81 PGC 23552
IC	2374	Glxy S	16.6	MCG 5-20-16 CGCG 149-29 PGC 23765
IC	2376	Glxy S	14.3	MCG 5-20-17 CGCG 149-29 PGC 23764
IC	2378	Glxy S?	15.3	MCG 5-20-18 CGCG 149-31 PGC 23771
IC	2380	Glxy L	15.4	MCG 5-20-19 CGCG 149-32 PGC 23777
IC	2411	Glxy S	15.5	MCG 3-23-9 CGCG 90-18 VV 28 ARP 7 PGC 24755
IC	2444	Glxy S?	14.7	MCG 5-22-12 CGCG 151-22 PGC 25969
MAC	0800+2728	Glxy	16.5	
MAC	0803+2621	Glxy	16.5	
MAC	0803+2627	Glxy	16	

## Cancer - The Crab

Observed: Yes

Object	Her	Type	Mag	Alias/Notes
MAC	0808+0900	Glxy	16.5	
MAC	0809+2552	Glxy	16.5	
MAC	0817+2408	Glxy	16.5	
MAC	0818+2445	Glxy	16.5	
MAC	0819+2058	Glxy	17	
MAC	0823+2125	Glxy	16.5	
MAC	0828+3016	Glxy	16	
MAC	0828+3017A	Glxy	17	
MAC	0828+3017B	Glxy	16.5	
MAC	0828+3018	Glxy	16.5	
MAC	0828+3021	Glxy	16	
MAC	0828+3022	Glxy	16.5	
MAC	0828+3023	Glxy	17	
MAC	0828+3024A	Glxy	14.5	
MAC	0828+3024B	Glxy	15	
MAC	0828+3026	Glxy	15	
MAC	0828+3027	Glxy	16	
MAC	0828+3033	Glxy	17.5	
MAC	0828+3033A	Glxy	16.5	
MAC	0828+3034	Glxy	17	
MAC	0828+3035	Glxy	16.5	
MAC	0829+3023	Glxy	15.5	
MAC	0848+1901	Glxy	16	
MAC	0848+1904	Glxy	15.5	
MAC	0849+1904	Glxy	16	
MAC	0916+2010B	Glxy	16	
MAC	0917+2002A	Glxy	16	
MAC	0917+2005	Glxy	16	
NGC	2503	Glxy SAB(rs)bc	14.5	UGC 4158 MCG 4-19-19 CGCG 118-41 KARA222 PGC 22453
NGC	2507	H554-2 Glxy S0/a pec	13.2	UGC 4172 MCG 3-21-10 CGCG 88-20 IRAS 7587+1550 PGC 22510
NGC	2512	H605-3 Glxy SBb	13.9	UGC 4191 MCG 4-19-21 MK 384 CGCG 118-52 IRAS 8001+2331 PGC 22596
NGC	2513	H512-3 Glxy E	12.6	UGC 4184 MCG 2-21-9 CGCG 59-25 PGC 22555
NGC	2514	Glxy SB(s)bc	14	UGC 4189 MCG 3-21-11 CGCG 88-22 IRAS 8000+1556 PGC 22581
NGC	2522	Glxy S0/a	14.8	UGC 4218 MCG 3-21-14 CGCG 88-31 PGC 22749
NGC	2526	Glxy S?	14.7	UGC 4231 MCG 1-21-12 CGCG 31-47 IRAS 8042+808 PGC 22778
NGC	2529	H752-3 Glxy SB(s)d	14.2	
NGC	2535	Glxy SA(r)c pec	13.3	UGC 4264 MCG 4-20-4 CGCG 119-8 VV 9 ARP 82 IRAS 8082+2521 KUG 808+253A PGC 22957
NGC	2536	Glxy SB(rs)c pec	14.7	MCG 4-20-5 CGCG 119-9 VV 9 ARP 82 KUG 808+253B PGC 22958
NGC	2540	Glxy SB(rs)cd:	14.2	UGC 4275 MCG 5-20-4 CGCG 149-4 IRAS 8097+2630 KUG 809+265 PGC 23017
NGC	2545	H627-2 Glxy (R)SB(r)ab	13.2	UGC 4287 MCG 4-20-7 CGCG 119-16 IRAS 8113+2130 PGC 23086
NGC	2553	Glxy S?	14.8	MCG 4-20-14 CGCG 119-31 PGC 23240
NGC	2556	Glxy S0	15.4	CGCG 119-45 PGC 23325
NGC	2557	Glxy SB0	14.2	UGC 4330 MCG 4-20-21 CGCG 119-48 PGC 23329
NGC	2558	H606-3 Glxy SAB(rs)ab	13.8	UGC 4331 MCG 4-20-22 CGCG 119-50 PGC 23337



## Cancer - The Crab

Observed: Yes

Object	Her	Type	Mag	Alias/Notes
NGC 2560		Glxy S0/a	13.3	UGC 4337 MCG 4-20-27 CGCG 119-58 PGC 23367
NGC 2565		Glxy (R')SBbc:	13.4	UGC 4334 MCG 4-20-26 MK 386 CGCG 119-57 IRAS 8168+2211 KUG 816+221B PGC 23362
NGC 2608	H318-2	Glxy SB(s)b:	13	UGC 4484 MCG 5-20-27 CGCG 149-55 ARP 12 IRAS 8322+2838 PGC 24111
NGC 2623		Glxy Pec	14	UGC 4509 MCG 4-21-9 CGCG 120-15 VV 79 ARP 243 IRAS 8354+2555 PGC 24288
NGC 2632		Open Cl 6.0 II 3 m	3.1	M 44 Praesepe Cr 189
NGC 2648	H49-3	Glxy Sa	12.7	UGC 4541 MCG 2-22-5 CGCG 60-35 ARP 89 PGC 24464
NGC 2667		Glxy Sb	14.9	IC 2410 MCG 3-23-7 CGCG 90-16 PGC 24741
NGC 2672	H48-2	Glxy E1-2	12.7	UGC 4619 MCG 3-23-10 CGCG 90-19 ARP 167 PGC 24790
NGC 2673		Glxy E0 pec	14.1	UGC 4620 MCG 3-23-11 CGCG 90-19 ARP 167 PGC 24792
NGC 2682		Open Cl 9.0 II 3 r	6.9	M 67 Cr 204
NGC 2735		Glxy SAB(rs)b? pec	14.1	UGC 4744 MCG 4-22-2 CGCG 121-3 VV 40 ARP 287 IRAS 8597+2608 PGC 25399
NGC 2735A		Glxy Im: pec	16.8	MCG 4-22-3 CGCG 121-3 VV 40 ARP 287 PGC 25402
NGC 2749		Glxy E3	12.7	UGC 4763 MCG 3-23-36 CGCG 90-69 PGC 25508
NGC 2764	H236-3	Glxy S0:	13.6	UGC 4794 MCG 4-22-17 CGCG 121-24 IRAS 9054+2138 PGC 25690
NGC 2775	H2-1	Glxy SA(r)ab	11	UGC 4820 MCG 1-24-5 CGCG 34-6 KARA309 PGC 25861
NGC 2783	H295-3	Glxy E	13.6	UGC 4859 MCG 5-22-19 CGCG 151-27 Hickson 37A PGC 26013
NGC 2783B		Glxy Sbc	15.1	UGC 4856 MCG 5-22-17 CGCG 151-26 Hickson 37B PGC 26012
NGC 2804		Glxy S0	12.8	IC 2455 PGC 26196 UGC 4901 MCG 3-24-28 CGCG 91-47
NGC 2806		Glxy Sb	16.3	MCG +3-24-30 PGC 26212
NGC 2807		Glxy		MCG 3-24-31 CGCG 91-51 PGC 26213
NGC 2809		Glxy S0	14	IC 2457 PGC 26220 UGC 4910 MCG 3-24-33 CGCG 91-54
PGC 22506		Glxy Sb	14.4	UGC 4171 MCG 2-21-3 CGCG 59-16
PGC 22556		Glxy E/S0	15	MCG 2-21-10 CGCG 59-26
PGC 22568		Glxy	15.2	CGCG 59-27
PGC 22733		Glxy Sab	14.9	UGC 4216 CGCG 59-43
PGC 22803		Glxy Sb-c	15.3	UGC 4232 MCG 3-21-19 CGCG 88-36
PGC 22856		Glxy L	15.1	MCG 3-21-22 CGCG 88-43
PGC 22860		Glxy SBb	14.7	UGC 4245 MCG 3-21-23 CGCG 88-44 IRAS 8058+1820
PGC 22916		Glxy	15.6	CGCG 119-4 CGCG 118-68
PGC 22917		Glxy I R	15.4	MCG 4-20-3 CGCG 118-69
PGC 22921		Glxy Scd:	15.2	UGC 4257 MCG 4-20-2 CGCG 119-5
PGC 23169		Glxy Sbc	14	UGC 4299 MCG 4-20-8 CGCG 119-20 IRAS 8130+2321
PGC 23289		Glxy Sab: sp	14.1	UGC 4324 MCG 4-20-17 CGCG 119-41 IRAS 8155+2055 ANON 815+20
PGC 23292		Glxy	15.7	CGCG 119-40
PGC 23357		Glxy S	15.6	CGCG 119-56 KUG 816+221A
PGC 23359		Glxy		
PGC 23758		Glxy	15.5	CGCG 149-27
PGC 23759		Glxy	15.7	CGCG 149-28
PGC 23797		Glxy	15.5	CGCG 149-35
PGC 23825		Glxy I	15.6	MCG 5-20-21 CGCG 149-36 IRAS 8263+3035
PGC 23935		Glxy SAB(rs)c pec	14.2	UGC 4457 MCG 3-22-17 CGCG 89-40 VV 413 ARP 58 ANON 829+19A
PGC 24469		Glxy S?	15.4	MCG 2-22-6 CGCG 60-36 IRAS 8399+1427 ARP 89
PGC 24490		Glxy Sb	14.3	UGC 4550 MCG 2-22-8 CGCG 60-38 IRAS 8405+1315
PGC 24902		Glxy S0?	13.8	UGC 4639 MCG 3-23-15 CGCG 90-26

## Cancer - The Crab

Observed: Yes

<b>Object</b>	<b>Her</b>	<b>Type</b>	<b>Mag</b>	<b>Alias/Notes</b>
PGC 25779		Glxy S	17.3	Hickson 36C
PGC 25782		Glxy S	17.8	Hickson 36D
PGC 25784		Glxy	15.6	CGCG 91-7
PGC 25791		Glxy S	16.6	Hickson 36B
PGC 26004		Glxy S?	15.4	MCG 5-22-20 IRAS 9105+3012 Hickson 37C
PGC 26006		Glxy L	16.5	Hickson 37E
PGC 26009		Glxy S	16.2	MCG 5-22-16 Hickson 37D
PGC 26226		Glxy Sb	14.9	CGCG 91-55

**Sub Total: 136****Total: 405**