

## Ursa Major - The Great Bear

Observed: No

Object	Her	Type	Mag	Alias/Notes
NGC 2519		Non-Existent		STAR KAZ365 PGC 22800
NGC 2605		Non-Existent		
NGC 2631		Non-Existent		NGC 2630 PGC 24614 UGC 4547 MCG 12-9-9 CGCG 331-61 CGCG 332-8
NGC 2666		Non-Existent		
NGC 2676		Glxy S0:	14.1	UGC 4627 MCG 8-16-32 CGCG 237-22 PGC 24881
NGC 2686		Non-Existent		
NGC 2687		Non-Existent		NGC 2678A
NGC 2688		Glxy S	16.9	MCG 8-16-40 PGC 25048
NGC 2689		Glxy		PGC 25042
NGC 2816		Non-Existent		
NGC 2820A		Non-Existent		IC 2458 PGC 26485 MCG 11-12-5 UGC A159 MK 108 CGCG 312-4 7ZW276
NGC 2810B		Glxy S	16.2	
NGC 2810A		Non-Existent		
NGC 2909		Non-Existent		
NGC 2959A		Non-Existent		
NGC 3000		Non-Existent		
NGC 3002		Non-Existent		STAR MCG 0-3-14 PGC 28208
NGC 3004		Non-Existent		
NGC 3010B		Glxy S	14.5	
NGC 3010A		Glxy S	14.6	
NGC 3010C		Glxy S	15	
NGC 3063	H909-2	Non-Existent		
NGC 3097		Non-Existent		
NGC 3111		Glxy S0-:	14	UGC 5441 MCG 8-19-2 CGCG 240-7 PGC 29338
NGC 3135		Glxy S?	14.4	UGC 5486 MCG 8-19-7 CGCG 240-15 PGC 29646
IC 598		Glxy S0/a	13.9	UGC 5502 MCG 7-21-16 CGCG 211-17 PGC 29745
NGC 3170		Non-Existent		
NGC 3179		Glxy S0	14.1	UGC 5555 MCG 7-21-36 CGCG 211-37 PGC 30078
NGC 3181		Knt in Glxy		
NGC 3180		Knt in Glxy SAB(rs)cd	10.4	NGC 3184 PGC 30087 UGC 5557 MCG 7-21-37 CGCG 211-38 KUG 1015+416
NGC 3192	H704-3	Non-Existent		NGC 3191 PGC 30128 MCG 8-19-17
NGC 3191		Glxy SB(s)bc pec	14.1	NGC 3192 PGC 30136 UGC 5565 MCG 8-19-18 CGCG 240-26 IRAS 10160+4642 KUG 1016+467
IC 604		Non-Existent		
NGC 3231		Open Cl 10.0 cluster?		
NGC 3284	H912-3	Non-Existent		
NGC 3374	H701-3	Glxy SBc	14.4	UGC 5901 MCG 7-22-66 CGCG 212-57 IRAS 10451+4327 PGC 32266
IC 646		Glxy Sa?	15.3	MCG 9-18-39 CGCG 267-19 PGC 32568
NGC 3416		Glxy S?	15.4	MCG 7-22-73 CGCG 213-2 CGCG 212-63 ARAK260 KUG 1048+440 PGC 32588
NGC 3468	H632-3	Glxy S0	14	UGC 6048 MCG 7-23-6 CGCG 213-10 PGC 32940
IC 2614		Non-Existent		
IC 2615		Glxy	15.5	CGCG 184-44 PGC 33289
IC 2616		Glxy	15.8	MCG 7-23-12 CGCG 213-18 PGC 33291
IC 2617		Glxy S	15	MCG 7-23-11 CGCG 213-19 PGC 33292
IC 2619		Glxy	15.7	CGCG 184-45 PGC 33297
IC 2620		Glxy S?	15.1	MCG 7-23-14 CGCG 213-20 PGC 33332

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NGC 3527	H350-3	Glxy (R)SB(r)ab:	14.6	UGC 6170 MCG 5-26-59 CGCG 155-66 PGC 33669
NGC 3536		Glxy SB?	14.7	UGC 6191 MCG 5-26-61 CGCG 155-73 PGC 33779
NGC 3539		Glxy S?	15.5	MCG 5-26-65 CGCG 155-77 PGC 33799
NGC 3540		Glxy SB0	14.3	NGC 3548 PGC 33806 UGC 6196 MCG 6-25-11 CGCG 185-11 KARA467
NGC 3542		Glxy S?	15.1	MCG 6-25-13 CGCG 185-13 IRAS 11071+3712 PGC 33868
NGC 3545A		Glxy E	14.8	MCG 6-25-16 CGCG 185-15 VV 182 PGC 33894
NGC 3545		Non-Existent		NGC 3545A
NGC 3545B		Glxy E	14.8	MCG 6-25-17 CGCG 185-15 VV 182 PGC 33893
NGC 3548		Non-Existent		
IC 674		Glxy Sab	14.3	UGC 6221 MCG 7-23-27 CGCG 213-31 PGC 33982
NGC 3561		Non-Existent SB0-a	13.8	NGC 3561B UGC 6224 MCG 5-27-10 CGCG 156-11 CGCG 155-90 VV 237 ARP 105 PGC 33991
NGC 3569		Glxy SA0^	14.3	UGC 6238 MCG 6-25-20 CGCG 185-18 PGC 34075
NGC 3577	H723-3	Glxy SB(r)a	14.3	UGC 6257 MCG 8-21-6 CGCG 242-10 PGC 34195
NGC 3595	H706-3	Glxy E?	13.1	UGC 6280 MCG 8-21-9 CGCG 242-14 PGC 34325
NGC 3600	H709-2	Glxy Sa?	12.6	UGC 6283 MCG 7-23-38 MK 1443 CGCG 213-38 IRAS 11130+4152 KUG 1113+418 PGC 34353
NGC 3614A		Glxy SB(s)m	12.7	MCG 8-21-14 PGC 34562
NGC 3648		Glxy S0	13.6	UGC 6389 MCG 7-23-43 CGCG 213-43 CGCG 214-2 PGC 34908
NGC 3658	H59-4	Glxy SA(r)0^:	13.1	UGC 6409 MCG 7-24-2 CGCG 214-3 PGC 35003
IC 687		Glxy Sb	14.9	MCG 8-21-32 CGCG 242-33 PGC 35029
NGC 3677		Glxy (R')SA(r)0/a:	13.3	UGC 6441 MCG 8-21-35 CGCG 242-35 IRAS 11235+4714 PGC 35181
NGC 3690A		Glxy Sb/P	11.2	
NGC 3690B		Glxy Sb/P	10.9	
NGC 3694		Glxy S?	13.9	UGC 6480 MCG 6-25-76 CGCG 185-70 ARAK296 IRAS 11262+3541 PGC 35352
IC 2861		Glxy E/S0	15.5	MCG 7-24-11 CGCG 214-9 PGC 35357
NGC 3698		Non-Existent		
NGC 3695		Glxy S	14.8	NGC 3698 PGC 35389 UGC 6490 MCG 6-25-78 CGCG 185-71
NGC 3700		Glxy (R')SB(r)ab	14.9	UGC 6494 MCG 6-25-79 CGCG 185-73 PGC 35413
NGC 3714	H353-3	Glxy I?	15.1	UGC 6516 MCG 5-27-85 CGCG 156-95 ARAK297 KUG 1129+286 PGC 35556
IC 2925		Glxy	15.8	CGCG 185-82 CGCG 186-1 PGC 35667
IC 2928		Glxy Sbc	14.5	UGC 6540 MCG 6-25-86 CGCG 185-87 CGCG 186-5 PGC 35687
IC 2933		Glxy Sab	15.1	UGC 6550 MCG 6-26-4 CGCG 185-89 CGCG 186-7 PGC 35732
NGC 3737A		Glxy S0	14.8	
NGC 3741		Glxy Im	14.3	UGC 6572 MCG 8-21-68 CGCG 242-57 PGC 35878
NGC 3755		Glxy SAB(rs)c pec	13.5	UGC 6577 MCG 6-26-8 CGCG 186-12 PGC 35913
IC 2946		Glxy	15.2	CGCG 186-13 PGC 35984
IC 2947		Glxy S?	14.9	MCG 5-28-2 CGCG 156-102 CGCG 157-3 PGC 35981
NGC 3795B		Glxy E-S0	13.2	
NGC 3795A		Glxy Scd	13.5	
NGC 3797		Non-Existent		
NGC 3794	H773-3	Glxy SAB(s)d	13.5	NGC 3804 UGC 6640 MCG 9-19-153 CGCG 292-19 CGCG 268-70 IRAS 11381+5628 PGC 36238
NGC 3811	H737-2	Glxy SB(r)cd:	12.9	UGC 6650 MCG 8-21-91 MK 185 CGCG 242-74 IRAS 11386+4758 PGC 36265
IC 2950		Glxy Sc	14.9	MK 638 CGCG 186-26 KUG 1138+382 PGC 36287
IC 726		Glxy		
NGC 3847		Glxy E	14.3	NGC 3856 PGC 36504 UGC 6708 MCG 6-26-23 CGCG 186-32

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Object	Her	Type	Mag	Alias/Notes
NGC 3856		Non-Existent		NGC 3847 PGC 36569 MCG 6-26-28 CGCG 186-36
IC 2952		Glxy	15.7	MCG 6-26-24 CGCG 186-31 ARAK315 KUG 1141+336 PGC 36508
IC 2953		Non-Existent		NGC 3855 UGC 6709 MCG 6-26-25 CGCG 186-33 PGC 36530
NGC 3855		Glxy (R')SB(r)b	14.8	
IC 731		Glxy	15.7	MCG 8-21-96 CGCG 242-79 CGCG 243-3 PGC 36626
IC 729		Glxy	15.5	CGCG 186-37 PGC 36627
IC 2957		Non-Existent		
IC 2958		Glxy SB	17.2	MCG 6-26-30 PGC 36665
IC 2959		Non-Existent		NGC 3871 UGC 6744 MCG 6-26-31 CGCG 186-41 PGC 36702
NGC 3871		Glxy S	15.5	IC 2959 PGC 36702 UGC 6744 MCG 6-26-31 CGCG 186-41
NGC 3878		Glxy E	14.8	MCG 6-26-32 CGCG 186-42 PGC 36708
IC 2960		Non-Existent		
NGC 3880		Glxy S0?	14.8	MCG 6-26-33 CGCG 186-43 PGC 36712
NGC 3881		Glxy S0/a	15.3	MCG 6-26-34 CGCG 186-46 PGC 36722
NGC 3835A		Glxy Sb	13.1	
IC 2961		Glxy SBab:	15.4	MK 748 CGCG 157-34 PGC 36812
NGC 3891	H723-2	Glxy Sbc	13.2	UGC 6772 MCG 5-28-31 CGCG 157-35 PGC 36832
NGC 3896	H739-2	Glxy SB0/a: pec	13.9	UGC 6781 MCG 8-22-8 CGCG 243-9 PGC 36897
NGC 3897	H408-2	Glxy Sbc	13.6	UGC 6784 MCG 6-26-41 CGCG 186-54 PGC 36902
NGC 3906	H715-3	Glxy SB(s)d	13.5	UGC 6797 MCG 8-22-12 CGCG 243-11 IRAS 11469+4842 PGC 36953
IC 740		Non-Existent		UGC 6813 MCG 9-20-1 CGCG 268-92 CGCG 269-4 IRAS 11480+5537 KUG 1148+556 PGC 37024
IC 2967		Glxy E?	14.7	MCG 5-28-38 CGCG 157-42 PGC 37042
NGC 3917A		Non-Existent		
NGC 3930	H616-3	Glxy SAB(s)c	13.1	UGC 6833 MCG 6-26-45 CGCG 186-59 KUG 1149+382 PGC 37132
NGC 3928	H740-2	Glxy SA(s)b?	13.2	UGC 6834 MCG 8-22-19 MK 190 CGCG 243-19 IRAS 11491+4857 PGC 37136
NGC 3930A		Glxy S?	15.7	
NGC 3935		Glxy S?	14.2	UGC 6843 MCG 6-26-49 CGCG 186-61 KUG 1149+326 PGC 37183
NGC 3932		Glxy Sbc	15	MCG 8-22-23 CGCG 243-22 PGC 37194
IC 2971		Glxy	15.7	CGCG 157-49 PGC 37275
NGC 3950		Glxy E0;		MCG 8-22-30 PGC 37294
IC 2973		Glxy SB(s)d:	14.3	UGC 6872 MCG 6-26-52 CGCG 186-66 KUG 1151+336 PGC 37308
NGC 3971	H724-2	Glxy S0	13.7	NGC 3984 PGC 37443 UGC 6899 MCG 5-28-47 CGCG 157-54
NGC 3966		Glxy Compact	15.5	PGC 37462 MCG 5-28-48 CGCG 157-56 KUG 1153+324
NGC 3980		Non-Existent		NGC 3977 PGC 37497 UGC 6909 MCG 9-20-34 CGCG 269-17
NGC 3985	H707-3	Glxy SB(s)m:	13.1	UGC 6921 MCG 8-22-45 CGCG 243-31 ARAK334 IRAS 11541+4836 PGC 37542
IC 2981		Non-Existent		
NGC 3984		Non-Existent		NGC 3971 PGC 37632 UGC 6943 MCG 5-28-58 CGCG 157-64
NGC 4001		Glxy E4; Dwarf?	15.6	MCG 8-22-47 CGCG 243-33 PGC 37656
IC 749		Glxy SAB(rs)cd	12.9	UGC 6962 MCG 7-25-8 CGCG 215-9 PGC 37692
NGC 4010		Glxy SB(s)d: sp	13.2	UGC 6964 MCG 8-22-49 CGCG 243-34 PGC 37697
IC 750		Glxy Sab: sp	12.9	UGC 6973 MCG 7-25-10 CGCG 215-12 PGC 37719
IC 751		Glxy Sb? sp	15.1	UGC 6972 MCG 7-25-11 CGCG 215-11 KUG 1156+428A PGC 37721
NGC 4020	H725-2	Glxy SBd? sp	13.3	UGC 6971 MCG 5-28-66 CGCG 157-72 IRAS 11563+3041 PGC 37723
IC 2984		Glxy S	15.6	MCG 5-28-68 CGCG 157-73 KUG 1156+309 PGC 37734
NGC 4025	H617-3	Glxy SB(s)cd	14	UGC 6982 MCG 6-26-64 DDO107 CGCG 186-80 KUG 1156+380 PGC 37738

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IC 2985		Glxy SB?	15.1	UGC 6981 MCG 5-28-69 CGCG 157-74 KUG 1156+310 PGC 37744
IC 752		Glxy S	15.2	CGCG 215-14 KUG 1156+428B PGC 37747
IC 2986		Glxy S0?	14.8	MCG 5-28-72 CGCG 157-79 PGC 37795
NGC 4031		Glxy S?	15.3	MCG 5-28-75 CGCG 157-82 ARAK341 PGC 37855
IC 757		Non-Existent		
IC 2987		Glxy S?	15.4	MK 44 CGCG 215-18 KUG 1200+390 PGC 38088
IC 2992		Non-Existent		
IC 2993		Non-Existent		
IC 2999		Glxy S	15.6	CGCG 158-17 KUG 1203+316 PGC 38352
NGC 4097	H400-3	Glxy S0	14.4	UGC 7092 MCG 6-27-4 CGCG 187-4 PGC 38363
IC 3001		Glxy S	15.7	MCG 6-27-7 CGCG 187-6 PGC 38379
NGC 4154	H845-3	Non-Existent		
IC 778		Non-Existent		
IC 3166		Non-Existent		
IC 3180		Non-Existent		
NGC 4644A		Non-Existent		
NGC 4644B		Glxy Sc	15.1	
IC 3791		Non-Existent		
IC 847		Non-Existent		NGC 4973 MCG 9-22-9 CGCG 270-49 CGCG 271-5 PGC 45280
IC 4205		Non-Existent		
NGC 5216A		Glxy S	13.3	
IC 902		Glxy Sb	14.5	UGC 8593 MCG 8-25-24 CGCG 246-17 IRAS 13340+5012 PGC 47985
NGC 5256	H673-3	Glxy Pec	14	UGC 8632 MCG 8-25-31 MK 266 CGCG 246-21 1ZW67 IRAS 13362+4831 PGC 48192
IC 917		Non-Existent		
IC 918		Non-Existent		(STAR)
IC 919		Glxy		
IC 921		Glxy		
IC 923		Glxy		
IC 925		Glxy		
IC 926		Glxy		
IC 929		Glxy		
IC 928		Glxy E	15	
IC 930		Glxy		
IC 932		Glxy		
IC 931		Glxy E	15.7	
IC 934		Glxy		IC 934
IC 935		Non-Existent		(STAR)
IC 936		Non-Existent		IC 936
IC 937		Glxy		
IC 938		Glxy		
NGC 5425		Glxy Sd	14.2	UGC 8933 MCG 8-26-1 CGCG 247-2 IRAS 13588+4841 PGC 49889
NGC 5449		Knt in Glxy		
NGC 5450		Knt in Glxy		
NGC 5453		Knt in Glxy		
NGC 5455		Knt in Glxy GxyP		

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NGC 5458		Knt in Glxy		
NGC 5502		Non-Existent		
NGC 6298		Glxy S0	14.6	PGC 59589
<b>Sub Total: 182</b>				

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Object	Her	Type	Mag	Alias/Notes
IC 522		Glxy S0	14	UGC 4654 MCG 10-13-31 CGCG 288-10 PGC 25009
IC 644		Glxy S	14.6	UGC 5954 MCG 9-18-38 CGCG 267-18 PGC 32564
IC 691		Glxy I?	14.5	UGC 6447 MCG 10-16-139 MK 169 CGCG 291-70 IRAS 11238+5925 PGC 35206
IC 694		Glxy SBm? pec	12.1	UGC 6471 MCG 10-17-2 MK 171 CGCG 291-73 VV 118 ARP 299 PGC 35326
IC 705		Glxy C	14.8	MCG 8-21-49 CGCG 268-50 PGC 35644
IC 708		Glxy E	14	UGC 6549 MCG 8-21-56 CGCG 242-48 PGC 35720
IC 709		Glxy E?	14.9	MCG 8-21-57 CGCG 242-49 PGC 35736
IC 711		Glxy E?	15.1	MCG 8-21-62 CGCG 242-53 PGC 35780
IC 712		Glxy S?	14.7	MCG 8-21-63 CGCG 242-54 PGC 35785
IC 758		Glxy SB(rs)cd:	14	UGC 7056 MCG 11-15-14 CGCG 315-9 PGC 38173
IC 830		Glxy S?	14.5	UGC 8003 MCG 9-21-55 CGCG 270-28 PGC 43533
IC 852		Glxy S0-:	14.6	UGC 8213 MCG 10-19-35 CGCG 294-18 PGC 45472
IC 853		Glxy (R')SAB(s)ab	14.5	UGC 8230 MCG 9-22-19 CGCG 271-18 PGC 45560
IC 875		Glxy S0	13.8	UGC 8355 MCG 10-19-59 MK 249 CGCG 294-30 PGC 46263
IC 907		Glxy SB?b	15.3	UGC 8643 MCG 9-22-90 CGCG 271-55 PGC 48286
IC 922		Glxy		
IC 942		Glxy E/S0	15.3	MCG 10-20-31 CGCG 295-13 PGC 48903
IC 951		Glxy Sd	14.2	UGC 8775 MCG 9-23-12 CGCG 272-11 PGC 49215
IC 995		Glxy Sdm:	14.7	UGC 9145 MCG 10-20-91 CGCG 295-42 PGC 50990
IC 996		Glxy Sbc	14.8	UGC 9152 MCG 10-20-92 CGCG 295-43 IRAS 14157+5751 KUG 1415+578 PGC 51036
IC 2458		Glxy I0 pec:	15	MCG 11-12-5 UGC A159 MK 108 CGCG 312-4 7ZW276 PGC 26485
IC 2574		Glxy SAB(s)m	10.8	UGC 5666 MCG 12-10-38 DDO81 CGCG 333-31 7ZW330 IRAS 10251+6843 PGC 30819
IC 2600		Glxy S	15.6	MCG 12-10-75 CGCG 333-52 PGC 32151
IC 2601		Glxy S	15.5	MCG 12-10-78 CGCG 333-53 PGC 32187
IC 2735		Glxy Sab	15.4	UGC 6364 MCG 6-25-48 CGCG 185-41 IRAS 11184+3436 PGC 34772
IC 2738		Glxy S?	15.3	MCG 6-25-49 CGCG 185-42 PGC 34797
IC 2744		Glxy S0?	15.4	MCG 6-25-52 CGCG 185-45 PGC 34833
IC 2751		Glxy Sb	15.7	MCG 6-25-54 CGCG 185-47 PGC 34873
IC 2943		Glxy Sa?	15.3	MK 41 CGCG 268-62 KUG 1133+551 PGC 35926
IC 2978		Glxy Sc	15.1	UGC 6915 MCG 5-28-51 CGCG 157-57 KUG 1153+323 PGC 37515
IC 2979		Glxy SB0	14.5	UGC 6925 MCG 5-28-54 CGCG 157-59 PGC 37559
MAC 0835+5247		Glxy	16.5	
MAC 0855+4904A		Glxy	16.5	
MAC 0900+5040		Glxy	16	
MAC 0932+5730		Glxy	15	
MAC 1002+5355		Glxy	16	

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MAC 1027+6826		Glxy	15.1	
MAC 1039+4754		Glxy	16.5	
MAC 1043+4053		Glxy	16	
MAC 1046+7227		Glxy	15	
MAC 1047+7220A		Glxy	16	
MAC 1047+7221		Glxy	16	
MAC 1051+5055		Glxy	16	
MAC 1051+5523		Glxy	16	
MAC 1052+5050		Glxy	16	
MAC 1052+5524		Glxy	16	
MAC 1100+5743		Glxy	16	
MAC 1103+4050		Glxy	16.5	ARP 148
MAC 1107+5720		Glxy	16	
MAC 1108+5708		Glxy	16.5	
MAC 1108+5721		Glxy	16.5	
MAC 1109+2816A		Glxy	17	
MAC 1110+2827		Glxy	15	
MAC 1110+2828A		Glxy	16	
MAC 1110+2828B		Glxy	17	
MAC 1110+2828C		Glxy	15.5	
MAC 1110+2829		Glxy	16	
MAC 1110+2830		Glxy	16.5	
MAC 1110+2833		Glxy	15.5	
MAC 1110+2834		Glxy	16	
MAC 1110+2837		Glxy	16	
MAC 1110+2840		Glxy	15.5	
MAC 1110+2841A		Glxy	15.5	
MAC 1110+2841B		Glxy	15.5	
MAC 1110+2841C		Glxy	15.5	
MAC 1110+2841D		Glxy	17	
MAC 1110+2841E		Glxy	15.5	
MAC 1110+2841F		Glxy	16	
MAC 1110+2842A		Glxy	15	
MAC 1110+2842B		Glxy	15.5	
MAC 1110+2842C		Glxy	15.5	
MAC 1110+2842D		Glxy	17	
MAC 1110+2843A		Glxy	17	
MAC 1110+2843B		Glxy	17	
MAC 1110+2844		Glxy	16	
MAC 1110+2844A		Glxy	16	
MAC 1110+2845A		Glxy	16	
MAC 1110+2845B		Glxy	16.5	
MAC 1110+2847		Glxy	15.5	
MAC 1110+2848		Glxy	17	
MAC 1111+2830		Glxy	16	

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MAC 1111+2831		Glxy	16	
MAC 1111+2832		Glxy	16	
MAC 1111+2834		Glxy	16	
MAC 1111+2835A		Glxy	16	
MAC 1111+2835D		Glxy	17	
MAC 1111+2836A		Glxy	16	
MAC 1111+2836B		Glxy	16.5	
MAC 1111+2838		Glxy	16.5	
MAC 1111+2840		Glxy	16	
MAC 1111+2841		Glxy	17	
MAC 1111+2842		Glxy	16.5	
MAC 1111+2843B		Glxy	16.5	
MAC 1111+2845B		Glxy	16	
MAC 1111+2848		Glxy	16	
MAC 1111+2849		Glxy	16	
MAC 1115+2904		Glxy	15.5	
MAC 1115+2914		Glxy	16.5	
MAC 1115+2915		Glxy	16	
MAC 1115+2916B		Glxy	16	
MAC 1115+2918		Glxy	16.5	
MAC 1115+5539B		Glxy	16	
MAC 1115+5548		Glxy	16	
MAC 1116+2904		Glxy	16	
MAC 1116+2906		Glxy	17	
MAC 1116+2908		Glxy	16.5	
MAC 1116+2909		Glxy	17	
MAC 1116+2909A		Glxy	17	
MAC 1116+2909B		Glxy	16	
MAC 1116+2910		Glxy	15.5	
MAC 1116+2911		Glxy	17.5	
MAC 1116+2912		Glxy	17	
MAC 1116+2914		Glxy	15	
MAC 1116+2915A		Glxy	15	
MAC 1116+2915B		Glxy	16	
MAC 1116+2918		Glxy	16	
MAC 1116+2919A		Glxy	16	
MAC 1116+2919B		Glxy	16.5	
MAC 1116+2922		Glxy	16	
MAC 1116+2926		Glxy	15.5	
MAC 1117+2905		Glxy	15.5	
MAC 1117+2908		Glxy	15.5	
MAC 1119+3419		Glxy	16	
MAC 1120+3110		Glxy	16	
MAC 1120+3407		Glxy	15.5	
MAC 1120+3408		Glxy	16	

## Ursa Major - The Great Bear

Observed: Yes

<b>Object</b>	<b>Her</b>	<b>Type</b>	<b>Mag</b>	<b>Alias/Notes</b>
MAC 1120+3424		Glxy	15	
MAC 1120+3429		Glxy	14.5	
MAC 1120+3433		Glxy	17	
MAC 1120+3433A		Glxy	16.5	
MAC 1120+3435		Glxy	16.5	
MAC 1120+3437		Glxy	15.5	
MAC 1120+3437A		Glxy	16.5	
MAC 1120+5749		Glxy	16	
MAC 1121+3357		Glxy	16	
MAC 1121+3357A		Glxy	17	
MAC 1121+3402		Glxy	16	
MAC 1121+3406		Glxy	17	
MAC 1121+3408		Glxy	16	
MAC 1121+3411		Glxy	14.5	
MAC 1121+3412A		Glxy	15.5	
MAC 1121+3412B		Glxy	15.5	
MAC 1121+3415		Glxy	16.5	
MAC 1121+3418		Glxy	16.5	
MAC 1121+3421		Glxy	16	
MAC 1121+3430		Glxy	16	
MAC 1121+3432		Glxy	15.5	
MAC 1121+3434		Glxy	16.5	
MAC 1121+3437		Glxy	16.5	
MAC 1122+3401		Glxy	14.5	
MAC 1122+3406		Glxy	15.5	
MAC 1122+3411		Glxy	15	
MAC 1122+3416		Glxy	16	
MAC 1122+3421		Glxy	15	
MAC 1122+3423		Glxy	16	
MAC 1122+3438		Glxy	17	
MAC 1122+3749		Glxy	15.5	
MAC 1123+5350		Glxy	15.5	
MAC 1125+5423		Glxy	16	
MAC 1126+5706		Glxy	15.5	
MAC 1128+5837		Glxy	16.5	ARP 296
MAC 1132+5307		Glxy	16.5	
MAC 1133+5307A		Glxy	16.5	
MAC 1133+5307B		Glxy	16.5	
MAC 1133+5308		Glxy	16.5	
MAC 1134+4904A		Glxy	18	
MAC 1134+4904B		Glxy	16	
MAC 1134+4905B		Glxy	16	
MAC 1134+4906B		Glxy	16	
MAC 1134+4907A		Glxy	17	
MAC 1134+4907B		Glxy	16	



## Ursa Major - The Great Bear

Observed: Yes

Object	Her	Type	Mag	Alias/Notes
MAC 1135+4856		Glxy	16	
MAC 1135+4904		Glxy	16.5	
MAC 1135+4905B		Glxy	16	
MAC 1135+4905C		Glxy	16	
MAC 1135+4912		Glxy	17	
MAC 1135+4917		Glxy	16	
MAC 1135+5455		Glxy	15.5	
MAC 1135+5456A		Glxy	16.5	
MAC 1135+5456B		Glxy	16	
MAC 1135+5457A		Glxy	16.5	
MAC 1135+5457B		Glxy	16	
MAC 1136+5503		Glxy	15	
MAC 1136+5508B		Glxy	15.5	
MAC 1144+5534		Glxy	16	
MAC 1144+5537		Glxy	15.5	
MAC 1145+5548		Glxy	15.5	
MAC 1147+5559		Glxy	16	
MAC 1150+5157		Glxy	15.5	
MAC 1151+5200		Glxy	17	
MAC 1157+3621		Glxy	16	
MAC 1157+3622		Glxy	15.5	ARP 194
MAC 1157+4349C		Glxy	16	
MAC 1158+4349A		Glxy	16.5	
MAC 1203+5149		Glxy	16	
MAC 1204+5147		Glxy	16	
MAC 1204+5150		Glxy	15.5	
MAC 1219+5643		Glxy	17	
MAC 1223+5814		Glxy	16	
MAC 1243+5453		Glxy	16.1	
MAC 1305+5341		Glxy	16.5	
MAC 1305+5342		Glxy	17	
MAC 1306+5328		Glxy	16	
MAC 1306+5331		Glxy	16	
MAC 1306+5332		Glxy	16	
MAC 1306+5339		Glxy	16	
MAC 1309+5322		Glxy	15.5	
MAC 1326+5529		Glxy	16	
MAC 1329+5826		Glxy	16.5	
MAC 1330+5829		Glxy	16	
MAC 1332+6234		Glxy	15.5	
MAC 1332+6240		Glxy	16.5	
MAC 1342+5531A		Glxy	16.5	
MAC 1342+5531B		Glxy	16	
MAC 1342+5536		Glxy	16	
MAC 1343+5537A		Glxy	16.5	

## Ursa Major - The Great Bear

Observed: Yes

Object	Her	Type	Mag	Alias/Notes
MAC 1343+5538A		Glxy	16.5	
MAC 1343+5538B		Glxy	16.5	
MAC 1343+5538C		Glxy	17	
MAC 1344+5537		Glxy	16	
MAC 1344+5542		Glxy	16.5	
MAC 1353+5838		Glxy	16.5	
MAC 1354+5416		Glxy	16.5	
MAC 1354+5428		Glxy	16.5	
MAC 1355+5927A		Glxy	16.5	
MAC 1355+5930		Glxy	16	
MAC 1404+5423B		Glxy	15.5	
NGC 2600		Glxy Sb	15	UGC 4475 MCG 9-14-68 CGCG 263-55 PGC 24082
NGC 2602		Glxy	15.6	MCG 9-14-69 CGCG 263-56 ARAK169 PGC 24099
NGC 2603		Glxy S	15.2	
NGC 2606		Glxy Sbc	15.1	NGC 2603 MCG 9-14-72 CGCG 263-59 PGC 24117
NGC 2614		Glxy SA(r)c:	13.6	UGC 4523 MCG 12-9-5 CGCG 331-58 CGCG 332-5 IRAS 8373+7309 PGC 24473
NGC 2629	H982-3	Glxy SA(r)0^:	13.3	UGC 4569 MCG 12-9-10 CGCG 331-62 CGCG 332-9 PGC 24682
NGC 2630		Glxy Sbc	15.2	
NGC 2639	H204-1	Glxy (R)SA(r)a:?	12.6	UGC 4544 MCG 8-16-24 CGCG 237-14 IRAS 8400+5023 PGC 24506
NGC 2641	H983-3	Glxy S0:	14.6	UGC 4577 MCG 12-9-12 CGCG 331-65 CGCG 332-12 PGC 24722
NGC 2650	H908-2	Glxy SB(rs)b:	14.1	UGC 4603 MCG 12-9-20 CGCG 332-18 PGC 24817
NGC 2654		Glxy SBab: sp	12.7	UGC 4605 MCG 10-13-17 CGCG 288-6 IRAS 8451+6024 KARA285 PGC 24784
NGC 2656		Glxy SA0- pec:	14.9	MCG 9-15-25 CGCG 264-15 VV 703 PGC 24707
NGC 2675		Glxy E	14.3	UGC 4629 MCG 9-15-37 CGCG 264-21 PGC 24909
NGC 2681	H242-1	Glxy (R')SAB(rs)0/a	11.1	UGC 4645 MCG 9-15-41 CGCG 264-26 ARAK185 IRAS 8500+5130 PGC 24961
NGC 2684	H712-3	Glxy S?	13.6	UGC 4662 MCG 8-16-35 CGCG 237-24 IRAS 8514+4921 PGC 25024
NGC 2685		Glxy (R)SB0+ pec	11.2	Helix Galaxy PGC 25065
NGC 2686A		Glxy	16.2	NGC 2686-1 PGC 25026 MCG 8-16-36 VV 765
NGC 2686B		Glxy		NGC 2686-2 PGC 25025 MCG 8-16-37 VV 765
NGC 2687A		Glxy S	18	NGC 2687-1 PGC 25031 MCG 8-16-38 VV 765
NGC 2687B		Glxy S	17.4	NGC 2687-2 PGC 25030 MCG 8-16-39 VV 765
NGC 2692	H831-3	Glxy SBab:	14.2	UGC 4675 MCG 9-15-57 CGCG 264-36 PGC 25142
NGC 2693	H823-2	Glxy E3:	12.8	UGC 4674 MCG 9-15-55 CGCG 264-35 PGC 25144
NGC 2694		Glxy E1	15.4	MCG 9-15-56 CGCG 264-34 PGC 25143
NGC 2701	H66-4	Glxy SAB(rs)c:	12.7	UGC 4695 MCG 9-15-63 CGCG 264-43 IRAS 8554+5357 PGC 25237
NGC 2710	H841-3	Glxy SB(rs)b	13.7	UGC 4705 MCG 9-15-66 CGCG 264-46 IRAS 8560+5554 PGC 25258
NGC 2726	H834-2	Glxy Sa?	13.4	UGC 4750 MCG 10-13-54 CGCG 288-18 IRAS 9010+6007 PGC 25498
NGC 2739		Glxy Sa	15.5	MCG 9-15-85 CGCG 264-59 PGC 25530
NGC 2740		Glxy S?	14.9	MCG 9-15-86 CGCG 264-60 PGC 25531
NGC 2742	H249-1	Glxy SA(s)c:	12	NGC 2816 PGC 25640 UGC 4779 MCG 10-13-57 CGCG 288-19 IRAS 9036+6040
NGC 2742A		Glxy SB(s)b pec?	14	UGC 4803 MCG 10-13-60 CGCG 288-22 CGCG 311-30 IRAS 9059+6227 PGC 25836
NGC 2756	H828-2	Glxy Sb	13.2	UGC 4796 MCG 9-15-98 CGCG 264-67 IRAS 9054+5402 PGC 25757
NGC 2762		Glxy S	17.9	MCG 8-17-45 CGCG 264-72 PGC 25828
NGC 2767		Glxy S?	14.8	UGC 4813 MCG 8-17-46 CGCG 264-75 PGC 25852

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Observed: Yes

Object	Her	Type	Mag	Alias/Notes
NGC 2768	H250-1	Glxy E6:	10.8	UGC 4821 MCG 10-13-65 CGCG 288-26 PGC 25915
NGC 2769		Glxy Sa	13.9	UGC 4816 MCG 8-17-50 CGCG 264-76 PGC 25870
NGC 2771		Glxy (R')SB(r)ab	13.6	UGC 4817 MCG 8-17-51 CGCG 264-77 PGC 25875
NGC 2787	H216-1	Glxy SB(r)0+	11.8	UGC 4914 MCG 12-9-39 CGCG 332-41 IRAS 9148+6924 PGC 26341
NGC 2800	H832-3	Glxy E	13.8	UGC 4920 MCG 9-15-117 CGCG 264-94 PGC 26302
NGC 2805	H878-3	Glxy SAB(rs)d	11.5	UGC 4936 MCG 11-12-3 CGCG 312-2 PGC 26410
NGC 2810	H749-3	Glxy E	13.2	UGC 4954 MCG 12-9-42 CGCG 332-45 PGC 26514
NGC 2814	H868-2	Glxy Sb:	13.7	UGC 4952 MCG 11-12-4 CGCG 312-3 IRAS 9170+6428 PGC 26469
NGC 2820	H869-2	Glxy SB(s)c pec sp	12.8	UGC 4961 MCG 11-12-6 CGCG 312-5 IRAS 9177+6428 PGC 26498
NGC 2841	H205-1	Glxy SA(r)b:	10.1	UGC 4966 MCG 9-16-5 CGCG 265-6 KARA324 PGC 26512
NGC 2854	H714-3	Glxy SB(s)b	13.8	UGC 4995 MCG 8-17-92 CGCG 238-46 ARP 285 IRAS 9206+4925 KUG 920+494A PGC 26631
NGC 2856	H713-3	Glxy S?	14.1	UGC 4997 MCG 8-17-93 CGCG 238-47 ARP 285 IRAS 9208+4927 KUG 920+494B PGC 26648
NGC 2857		Glxy SA(s)c	12.9	UGC 5000 MCG 8-17-95 CGCG 238-49 ARP 1 PGC 26666
NGC 2870	H846-3	Glxy Sbc	13.8	UGC 5034 MCG 10-14-13 CGCG 289-8 IRAS 9241+5735 KARA335 PGC 26856
NGC 2880	H260-1	Glxy SB0-	12.5	UGC 5051 MCG 10-14-15 CGCG 312-11 PGC 26939
NGC 2892		Glxy E+ pec:	14.1	UGC 5073 MCG 11-12-15 CGCG 312-15 PGC 27111
NGC 2895		Glxy SBc	14.7	MCG 10-14-18 CGCG 289-9 PGC 27092
NGC 2950	H68-4	Glxy (R)SB(r)0^	11.8	UGC 5176 MCG 10-14-32 CGCG 289-16 PGC 27765
NGC 2959		Glxy (R')SAB(rs)ab p	13.6	UGC 5202 MCG 12-9-62 CGCG 332-61 IRAS 9409+6849 PGC 27939
NGC 2961		Glxy Sb:	15.5	NGC 2959A PGC 27958 MCG 12-9-63 CGCG 332-63
NGC 2976	H285-1	Glxy SAc pec	10.8	UGC 5221 MCG 11-12-25 CGCG 312-23 KUG 943+681 PGC 28120
NGC 2985	H78-1	Glxy (R')SA(rs)ab	11.2	UGC 5253 MCG 12-10-6 CGCG 333-4 CGCG 332-67 IRAS 9459+7230 PGC 28316
NGC 2998	H717-2	Glxy SAB(rs)c	12.5	UGC 5250 MCG 7-20-51 CGCG 210-36 IRAS 9455+4418 PGC 28196
NGC 3005		Glxy Sb	15.8	MCG 7-20-54 IRAS 9461+4421 PGC 28232
NGC 3006		Glxy Spiral	15.7	MCG 7-20-55 CGCG 210-37 PGC 28235
NGC 3008		Glxy Sb	15.5	MCG 7-20-59 CGCG 210-39 PGC 28252
NGC 3009		Glxy S?	14.5	UGC 5264 MCG 7-20-62 CGCG 239-33 PGC 28303
NGC 3010		Glxy Triple System	14.3	UGC 5273 MCG 7-20-65 CGCG 239-35 PGC 28335
NGC 3027	H23-5	Glxy SB(rs)d:	12.2	UGC 5316 MCG 12-10-9 CGCG 332-68 CGCG 333-6 VV 358 IRAS 9513+7226 KUG 951+724 PGC 28636
NGC 3031		Glxy SA(s)ab	7.9	M 81 Bode's Nebula UGC 527 MCG 0-3-17 PGC 28630
NGC 3034	H79-4	Glxy I0 sp	9.3	M 82 UM283 PGC 28655
NGC 3043	H835-2	Glxy Sb: sp	13.4	UGC 5327 MCG 10-14-52 CGCG 289-23 IRAS 9527+5932 KARA385 PGC 28672
NGC 3065	H333-2	Glxy SA(r)0^	13.5	UGC 5375 MCG 12-10-14 CGCG 333-10 7ZW303 PGC 29046
NGC 3066	H334-2	Glxy (R')SAB(s)bc p	13.6	UGC 5379 MCG 12-10-15 MK 133 CGCG 333-11 IRAS 9578+7222 KUG 957+723 PGC 29059
NGC 3073	H853-3	Glxy SAB0-	14.1	UGC 5374 MCG 9-17-7 MK 131 CGCG 266-6 CGCG 265-54 PGC 28974
NGC 3077	H286-1	Glxy I0 pec	9.9	UGC 5398 MCG 12-10-17 CGCG 333-13 IRAS 9592+6858 PGC 29146
NGC 3079	H47-5	Glxy SB(s)c sp	11.5	UGC 5387 MCG 9-17-10 CGCG 266-8 IRAS 9585+5555 PGC 29050
NGC 3102	H916-3	Glxy S0-:	14.3	UGC 5418 MCG 10-15-7 CGCG 289-30 CGCG 290-4 KARA396 PGC 29220
NGC 3148		Glxy SB	16	MCG 8-19-11 PGC 29779
NGC 3164		Glxy S?	14.6	UGC 5527 MCG 10-15-36 CGCG 290-18 PGC 29928
NGC 3168		Glxy E	14.4	UGC 5536 MCG 10-15-52 CGCG 290-23 PGC 30001
NGC 3182	H265-1	Glxy SA(r)a?	13	UGC 5568 MCG 10-15-62 CGCG 290-27 PGC 30176
NGC 3184	H168-1	Glxy SBc	9.6	

## Ursa Major - The Great Bear

Observed: Yes

Object	Her	Type	Mag	Alias/Notes
NGC 3188	H910-3	Glxy (R)SB(r)ab	14.6	UGC 5569 MCG 10-15-65 MK 31 CGCG 290-28 KUG 1016+576B PGC 30183
NGC 3188A		Glxy S?	17	
NGC 3198	H199-1	Glxy SB(rs)c	10.9	UGC 5572 MCG 8-19-20 CGCG 240-30 PGC 30197
NGC 3202	H720-2	Glxy SB(r)a	14.1	UGC 5581 MCG 7-21-41 CGCG 211-44 PGC 30236
NGC 3205	H721-2	Glxy S?	14.2	UGC 5585 MCG 7-21-42 CGCG 211-46 PGC 30254
NGC 3206	H266-1	Glxy SB(s)cd	12.6	UGC 5589 MCG 10-15-69 CGCG 290-30 IRAS 10184+5710 KUG 1018+571 PGC 30322
NGC 3207	H722-2	Glxy S?	14.2	UGC 5587 MCG 7-21-43 CGCG 211-47 PGC 30267
NGC 3214		Glxy SA0/a:	14.9	MCG 10-15-71 CGCG 290-32 PGC 30419
NGC 3220	H911-3	Glxy Sb: sp	13.8	IC 604 PGC 30462 UGC 5614 MCG 10-15-73 CGCG 290-34
NGC 3225	H882-2	Glxy Scd:	13.3	UGC 5631 MCG 10-15-77 CGCG 290-37 IRAS 10218+5824 PGC 30569
NGC 3236		Glxy E/S0	15.3	MCG 10-15-81 CGCG 290-40 PGC 30711
NGC 3237	H631-3	Glxy (R)SAB0 <sup>^</sup>	14	UGC 5640 MCG 7-22-3 CGCG 212-7 PGC 30610
NGC 3238	H883-2	Glxy SA(r)0 <sup>^</sup> :	13.9	UGC 5649 MCG 10-15-80 CGCG 290-41 PGC 30686
NGC 3259	H870-2	Glxy SAB(rs)bc:	12.9	UGC 5717 MCG 11-13-27 CGCG 313-21 IRAS 10291+6517 PGC 31145
NGC 3264		Glxy SBdm:	12.5	UGC 5719 MCG 9-17-69 CGCG 266-54 IRAS 10291+5620 PGC 31125
NGC 3266	H871-2	Glxy SAB0 <sup>^</sup> ?	13.4	UGC 5725 MCG 11-13-30 CGCG 313-22 PGC 31198
NGC 3286	H917-3	Glxy E?	14.6	MCG 10-15-112 CGCG 290-56 PGC 31433
NGC 3288	H918-3	Glxy SABbc:	14.8	UGC 5752 MCG 10-15-114 CGCG 290-57 PGC 31446
NGC 3298	H767-3	Glxy E/S0	15	MCG 8-19-43 CGCG 241-1 CGCG 240-65 PGC 31529
NGC 3310	H60-4	Glxy SAB(r)bc pec	11.2	UGC 5786 MCG 9-18-8 CGCG 267-4 VV 356 VV 406 ARP 217 IRAS 10356+5345 PGC 31650
NGC 3319	H700-3	Glxy SB(rs)cd	11.5	UGC 5789 MCG 7-22-36 CGCG 212-33 KARA428 KUG 1036+419 PGC 31671
NGC 3320	H745-2	Glxy Scd:	13	UGC 5794 MCG 8-20-10 CGCG 241-5 IRAS 10366+4739 PGC 31708
NGC 3348	H80-1	Glxy E0	12.2	UGC 5875 MCG 12-10-77 CGCG 333-54 PGC 32216
NGC 3353	H842-3	Glxy Sb? pec	13.3	UGC 5860 MCG 9-18-22 MK 35 CGCG 267-9 IRAS 10422+5613 PGC 32103
NGC 3359	H52-5	Glxy SB(rs)c	11	UGC 5873 MCG 11-13-37 CGCG 313-33 IRAS 10433+6329 KARA442 PGC 32183
NGC 3364	H318-3	Glxy SAB(rs)c	13.5	UGC 5890 MCG 12-10-82 CGCG 333-56 IRAS 10448+7241 PGC 32314
NGC 3392	H881-3	Glxy E?	14.7	MCG 11-13-42 CGCG 313-37 PGC 32512
NGC 3394	H872-2	Glxy SA(rs)c	13.1	UGC 5937 MCG 11-13-41 CGCG 313-36 IRAS 10473+6559 PGC 32495
NGC 3398	H792-3	Glxy Sa?	15.3	IC 646 MCG 9-18-39 CGCG 267-19 PGC 32568
NGC 3406		Glxy E	13.7	UGC 5970 MCG 9-18-40 CGCG 267-20 PGC 32580
NGC 3407	H919-3	Glxy S0-:	14.6	UGC 5978 MCG 10-16-17 CGCG 291-7 PGC 32626
NGC 3408	H913-3	Glxy Sc:	14.1	UGC 5977 MCG 10-16-16 CGCG 291-6 IRAS 10490+5842 PGC 32616
NGC 3410		Glxy S?	15.1	MCG 9-18-42 CGCG 267-21 ARAK261 PGC 32594
NGC 3415	H718-2	Glxy SA0+:	13.5	UGC 5969 MCG 7-22-72 CGCG 212-62 CGCG 213-1 IRAS 10488+4358 PGC 32579
NGC 3435	H887-2	Glxy Sb	14	UGC 6025 MCG 10-16-22 CGCG 291-12 IRAS 10517+6132 PGC 32786
NGC 3440	H914-3	Glxy SBb? sp	14	UGC 6009 MCG 10-16-19 CGCG 291-9 IRAS 10508+5722 PGC 32714
NGC 3445	H267-1	Glxy SAB(s)m	12.9	UGC 6021 MCG 10-16-23 CGCG 291-11 VV 14 ARP 24 IRAS 10515+5715 PGC 32772
NGC 3448	H233-1	Glxy I0	12.5	UGC 6024 MCG 9-18-55 CGCG 267-27 ARP 205 IRAS 10516+5434 PGC 32774
NGC 3458	H268-1	Glxy SAB0:	13.2	UGC 6037 MCG 10-16-26 CGCG 291-14 PGC 32854
NGC 3470	H888-2	Glxy SA(r)ab:	14.1	UGC 6060 MCG 10-16-38 CGCG 291-16 PGC 33040
NGC 3471	H972-3	Glxy Sa	13.2	UGC 6064 MCG 10-16-39 MK 158 CGCG 291-18 IRAS 10560+6147 PGC 33074
NGC 3478	H705-3	Glxy SB(rs)bc	13.6	UGC 6069 MCG 8-20-59 CGCG 241-51 IRAS 10565+4623 PGC 33101
NGC 3488	H269-1	Glxy SB(s)c:	13.6	UGC 6096 MCG 10-16-45 CGCG 291-22 IRAS 10583+5756 PGC 33242

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Observed: Yes

Object	Her	Type	Mag	Alias/Notes
NGC 3499	H793-3	Glxy I0?	14.4	UGC 6115 MCG 9-18-80 CGCG 267-37 CGCG 291-24 PGC 33375
NGC 3516	H336-2	Glxy (R)SB(s)0 <sup>+</sup> :	12.5	UGC 6153 MCG 12-11-9 CGCG 334-11 IRAS 11033+7250 PGC 33623
NGC 3517	H884-2	Glxy SAB:	13.8	UGC 6144 MCG 10-16-57 CGCG 291-27 IRAS 11026+5647 PGC 33532
NGC 3530	H915-3	Glxy S?	14.8	UGC 6188 MCG 10-16-64 CGCG 291-30 ARAK278 PGC 33766
NGC 3543	H920-3	Glxy S	14.9	UGC 6213 MCG 10-16-75 CGCG 291-34 PGC 33953
NGC 3549	H220-1	Glxy SA(s)c:	12.8	UGC 6215 MCG 9-18-97 CGCG 267-47 IRAS 11080+5339 PGC 33964
NGC 3550	H351-3	Glxy Pec	14.1	UGC 6214 MCG 5-27-2 CGCG 155-82 CGCG 156-3 PGC 33927
NGC 3552	H352-3	Glxy E	14.8	MCG 5-27-3 CGCG 155-85 CGCG 156-6 PGC 33932
NGC 3553		Glxy E	15.6	MCG 5-27-4 CGCG 156-6 CGCG 155-85 PGC 33933
NGC 3554		Glxy E	15.4	MCG 5-27-7 CGCG 155-86 CGCG 156-7 PGC 33948
NGC 3556	H46-5	Glxy SB(s)cd sp	10.7	M 108 ESO 29-26 PGC 34030
NGC 3558		Glxy S?	14.6	MCG 5-27-8 MK 422 CGCG 155-89 CGCG 156-10 PGC 33960
NGC 3561A		Glxy S0 <sup>+</sup> :pec	14.3	UGC 6224 MCG 5-27-11 CGCG 155-90 CGCG 156-11 VV 237 ARP 105 IRAS 11085+2859
NGC 3561B		Glxy SA(r)a pec	14.7	NGC 3561 ARP 105 PGC 33991 UGC 6224 MCG 5-27-10
NGC 3583	H728-2	Glxy SB(s)b	11.9	UGC 6263 MCG 8-21-8 CGCG 242-12 IRAS 11113+4835 PGC 34232
NGC 3587		PI Neb 3a	12	M 97 Owl Nebula PK 148+57.1 PNG 148.4+57.0
NGC 3589	H921-3	Glxy Sd:	14.4	UGC 6275 MCG 10-16-96 CGCG 291-46 PGC 34308
NGC 3594	H770-3	Glxy SB0:	14.7	UGC 6286 MCG 9-19-22 CGCG 267-58 CGCG 268-11 PGC 34374
NGC 3610	H270-1	Glxy E5:	11.7	UGC 6319 MCG 10-16-107 CGCG 291-48 PGC 34566
NGC 3613	H271-1	Glxy E6	11.8	UGC 6323 MCG 10-16-109 CGCG 291-49 PGC 34583
NGC 3614	H729-2	Glxy SAB(r)c	12.3	UGC 6318 MCG 8-21-15 CGCG 242-19 IRAS 11155+4601 PGC 34561
NGC 3619	H244-1	Glxy (R)SA(s)0 <sup>+</sup> :	12.5	UGC 6330 MCG 10-16-115 CGCG 291-54 IRAS 11164+5802 PGC 34641
NGC 3622	H879-2	Glxy S?	13.7	UGC 6339 CGCG 314-20 IRAS 11171+6730 PGC 34692
NGC 3625	H885-2	Glxy SAB(s)b:	13.9	UGC 6348 MCG 10-16-120 CGCG 291-57 PGC 34718
NGC 3631	H226-1	Glxy SA(s)c	11	UGC 6360 MCG 9-19-47 CGCG 268-21 VV 363 ARP 27 IRAS 11181+5326 PGC 34767
NGC 3642	H245-1	Glxy SA(r)bc:	11.7	UGC 6385 MCG 10-16-128 CGCG 291-62 IRAS 11194+5920 PGC 34889
NGC 3652	H775-2	Glxy Scd?	12.9	UGC 6392 MCG 6-25-55 CGCG 185-49 ARAK291 IRAS 11199+3802 PGC 34917
NGC 3654	H880-2	Glxy S?	13.7	UGC 6407 MCG 12-11-22 CGCG 334-29 IRAS 11211+6941 PGC 35025
NGC 3656	H782-2	Glxy (R')I0: pec	13.3	UGC 6403 MCG 9-19-63 CGCG 268-29 VV 22 ARP 155 IRAS 11208+5406 PGC 34989
NGC 3657	H768-3	Glxy SAB(rs)c pec	13.1	UGC 6406 MCG 9-19-65 CGCG 268-30 IRAS 11212+5310 PGC 35002
NGC 3668	H845-2	Glxy Sbc	13.1	UGC 6430 MCG 11-14-23 CGCG 314-26 IRAS 11225+6343 PGC 35123
NGC 3669	H829-2	Glxy SBcd: sp	13.1	UGC 6431 MCG 10-16-135 CGCG 291-67 IRAS 11226+5759 PGC 35113
NGC 3671	H922-3	Glxy C	15.6	CGCG 291-68 PGC 35149
NGC 3674	H886-2	Glxy S0 sp	13.2	UGC 6444 MCG 10-16-138 CGCG 291-69 PGC 35191
NGC 3675	H194-1	Glxy SA(s)b	11	UGC 6439 MCG 7-24-4 CGCG 214-5 PGC 35164
NGC 3683	H246-1	Glxy SB(s)c?	13.1	UGC 6458 MCG 10-16-143 CGCG 291-72 IRAS 11247+5709 PGC 35249
NGC 3683A		Glxy SB(rs)c	12.6	UGC 6484 MCG 10-17-6 CGCG 291-75 IRAS 11263+5724 PGC 35376
NGC 3687	H770-2	Glxy (R')SAB(r)bc?	12.8	UGC 6463 MCG 5-27-73 MK 736 CGCG 156-78 KUG 1125+297 PGC 35285
NGC 3690	H247-1	Glxy Ibm pec	12	UGC 6472 MCG 10-17-3 MK 171 CGCG 291-73 VV 118 ARP 299 PGC 35321
NGC 3712		Glxy SB?	14.9	UGC 6506 MCG 5-27-82 CGCG 156-90 ARP 203 KUG 1128+288 PGC 35507
NGC 3718	H221-1	Glxy SB(s)a pec	10.7	UGC 6524 MCG 9-19-114 CGCG 268-48 ARP 214 IRAS 11298+5320 PGC 35616
NGC 3725	H836-2	Glxy SBc	13.7	UGC 6542 MCG 10-17-15 MK 179 CGCG 292-5 CGCG 291-78 IRAS 11308+6209 PGC 35698
NGC 3726	H730-2	Glxy SAB(r)c	10.9	UGC 6537 MCG 8-21-51 CGCG 242-45 IRAS 11306+4718 PGC 35676

## Ursa Major - The Great Bear

Observed: Yes

Object	Her	Type	Mag	Alias/Notes
NGC 3729	H222-1	Glxy SB(r)a pec	11.4	UGC 6547 MCG 9-19-117 CGCG 268-51 IRAS 11310+5324 KUG 1131+534 PGC 35711
NGC 3733	H771-3	Glxy SAB(s)cd:	12.9	UGC 6554 MCG 9-19-123 CGCG 268-55 VV 459 PGC 35797
NGC 3737	H772-3	Glxy SB0	13.9	UGC 6563 MCG 9-19-128 CGCG 268-58 PGC 35840
NGC 3738	H783-2	Glxy Im	11.7	UGC 6565 MCG 9-19-130 CGCG 268-60 ARP 234 IRAS 11330+5448 KUG 1133+548 PGC 35856
NGC 3740	H847-3	Glxy S	15	UGC 6573 MCG 10-17-23 CGCG 292-8 SBS1133+602 PGC 35883
NGC 3756	H784-2	Glxy SAB(rs)bc	12.1	UGC 6579 MCG 9-19-134 CGCG 268-63 IRAS 11340+5434 KUG 1134+545 PGC 35931
NGC 3757	H843-3	Glxy S0?	13.6	UGC 6584 MCG 10-17-26 CGCG 292-10 PGC 35955
NGC 3759		Glxy SAB0^:	13.2	UGC 6581 MCG 9-19-136 CGCG 268-64 PGC 35945
NGC 3759A		Glxy SABc pec	14.3	UGC 6582 MCG 9-19-135 CGCG 268-65 IRAS 11342+5526 PGC 35948
NGC 3762	H837-2	Glxy Sa	13.5	UGC 6591 MCG 10-17-27 CGCG 292-11 PGC 35979
NGC 3769	H731-2	Glxy SB(r)b:	12.6	UGC 6595 MCG 8-21-76 CGCG 242-65 ARP 280 PGC 35999
NGC 3769A		Glxy SBm pec:	14.7	MCG 8-21-77 CGCG 242-66 ARP 280 IRAS 11350+4809 PGC 36008
NGC 3770	H838-2	Glxy SBa	13.8	UGC 6600 MCG 10-17-28 CGCG 292-12 IRAS 11352+5953 PGC 36025
NGC 3780	H227-1	Glxy SA(s)c:	12.2	UGC 6615 MCG 9-19-150 CGCG 292-14 IRAS 11366+5632 PGC 36138
NGC 3782	H732-2	Glxy SAB(s)cd:	13.1	UGC 6618 MCG 8-21-87 CGCG 242-71 IRAS 11366+4647 PGC 36136
NGC 3786		Glxy SAB(rs)a pec	13.2	UGC 6621 MCG 5-28-8 MK 744 CGCG 157-9 VV 228 ARP 294 PGC 36158
NGC 3788		Glxy SAB(rs)ab pec	13.5	UGC 6623 MCG 5-28-9 CGCG 157-10 VV 228 ARP 294 PGC 36160
NGC 3793		Glxy Sc	15.5	CGCG 157-7 MCG +5-28-5 VV 575 PGC 36140
NGC 3795	H844-3	Glxy S	14.1	UGC 6629 MCG 10-17-38 CGCG 292-17 IRAS 11373+5853 PGC 36192
NGC 3796	H839-2	Glxy S?	13.5	UGC 6638 MCG 10-17-39 CGCG 292-18 PGC 36215
NGC 3804	H830-2	Glxy SAB	13.5	
NGC 3809		Glxy S0	13.7	UGC 6649 MCG 10-17-40 CGCG 292-20 ARAK310 PGC 36263
NGC 3813	H94-1	Glxy SA(rs)b:	12.2	UGC 6651 MCG 6-26-19 CGCG 186-24 PGC 36266
NGC 3824	H774-3	Glxy SA(s)a? sp	14.5	UGC 6676 MCG 9-19-161 CGCG 268-73 IRAS 11400+5303 PGC 36370
NGC 3829	H775-3	Glxy SB(s)b:	14.8	UGC 6690 MCG 9-19-164 CGCG 268-74 IRAS 11407+5259 KUG 1140+529 PGC 36439
NGC 3835		Glxy Sab: sp	13.2	UGC 6703 MCG 10-17-55 CGCG 292-21 IRAS 11413+6023 PGC 36493
NGC 3838	H831-2	Glxy SA0/a?	13.3	UGC 6707 MCG 10-17-56 CGCG 292-22 PGC 36505
NGC 3846		Glxy SAc:	14.6	UGC 6710 MCG 9-19-171 CGCG 268-78 IRAS 11417+5556 PGC 36539
NGC 3846A		Glxy SB(s)m:	13.8	UGC 6706 MCG 9-19-169 CGCG 268-76 VV 320 KUG 1141+553B PGC 36506
NGC 3850	H776-3	Glxy SB(s)c:	14	UGC 6733 MCG 9-19-174 CGCG 268-79 PGC 36660
NGC 3870	H833-3	Glxy S0?	13.5	UGC 6742 MCG 8-22-1 MK 186 CGCG 268-81 IRAS 11432+5028 PGC 36686
NGC 3877	H201-1	Glxy SA(s)c:	11.8	UGC 6745 MCG 8-22-2 CGCG 243-4 IRAS 11434+4746 PGC 36699
NGC 3888	H785-2	Glxy SAB(rs)c	12	UGC 6765 MCG 9-19-189 MK 188 CGCG 268-85 VV 455 IRAS 11449+5614 KUG 1144+562 PGC 36789
NGC 3889		Glxy S0	15.8	PGC 36662
NGC 3893	H738-2	Glxy SAB(rs)c:	11.2	UGC 6778 MCG 8-22-7 CGCG 243-8 PGC 36875
NGC 3894	H248-1	Glxy E4-5	12.6	UGC 6779 MCG 10-17-78 CGCG 292-33 PGC 36889
NGC 3895	H832-2	Glxy SB(rs)a:	14	UGC 6785 MCG 10-17-80 CGCG 292-35 PGC 36907
NGC 3898	H228-1	Glxy SA(s)ab	11.6	UGC 6787 MCG 9-19-204 CGCG 268-88 CGCG 269-2 IRAS 11465+5621 PGC 36921
NGC 3913	H786-2	Glxy (R')SA(rs)d:	13.2	IC 740 PGC 37024 UGC 6813 MCG 9-20-1 CGCG 268-92 CGCG 269-4 IRAS 11480+5537 KUG 1148+556
NGC 3916	H787-2	Glxy SAB: sp	14.7	UGC 6819 MCG 9-20-5 CGCG 269-6 CGCG 268-94 IRAS 11481+5525 PGC 37047
NGC 3917	H824-2	Glxy SAcd:	12.5	UGC 6815 MCG 9-20-8 CGCG 269-5 CGCG 268-93 IRAS 11481+5206 PGC 37036
NGC 3921	H788-2	Glxy (R')SA(s)0/a p	13.1	UGC 6823 MCG 9-20-9 MK 430 CGCG 268-95 CGCG 269-7 1ZW28 VV 31

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Observed: Yes

Object	Her	Type	Mag	Alias/Notes
				ARP 224 PGC 37063
NGC 3922	H716-3	Glxy S0/a	13.8	UGC 6824 MCG 8-22-17 CGCG 243-17 CGCG 269-8 PGC 37072
NGC 3924	H825-2	Glxy Sm:	15	UGC 6849 MCG 8-22-26 CGCG 243-23 PGC 37217
NGC 3931	H769-3	Glxy SA0-:	14.4	NGC 3917A PGC 37073 UGC 6825 MCG 9-20-11 CGCG 269-9 CGCG 268-96
NGC 3938	H203-1	Glxy SA(s)c	10.9	UGC 6856 MCG 7-25-1 CGCG 214-34 CGCG 215-2 IRAS 11502+4423 PGC 37229
NGC 3941	H173-1	Glxy SB(s)0^	11.3	UGC 6857 MCG 6-26-51 CGCG 186-62 PGC 37235
NGC 3945	H251-1	Glxy (R)SB(rs)0+	11.8	UGC 6860 MCG 10-17-96 CGCG 292-42 IRAS 11506+6056 PGC 37258
NGC 3949	H202-1	Glxy SA(s)bc:	11.5	UGC 6869 MCG 8-22-29 CGCG 243-25 IRAS 11510+4808 PGC 37290
NGC 3953	H45-5	Glxy SB(r)bc	10.8	UGC 6870 MCG 9-20-26 CGCG 269-13 PGC 37306
NGC 3958	H833-2	Glxy SB(s)a	13.8	UGC 6880 MCG 10-17-98 CGCG 292-43 PGC 37358
NGC 3963	H67-4	Glxy SAB(rs)bc	12.5	UGC 6884 MCG 10-17-100 CGCG 292-44 IRAS 11523+5846 PGC 37386
NGC 3972	H789-2	Glxy SA(s)bc	13	UGC 6904 MCG 9-20-32 CGCG 269-16 IRAS 11531+5535 PGC 37466
NGC 3975		Glxy SAB?	16.3	MCG 10-17-103 PGC 37480
NGC 3977	H790-2	Glxy Sab	13.6	
NGC 3978	H840-2	Glxy SABbc:	13.3	UGC 6910 MCG 10-17-105 CGCG 292-47 IRAS 11535+6047 PGC 37502
NGC 3982	H62-4	Glxy SAB(r)b:	11.8	UGC 6918 MCG 9-20-36 CGCG 269-19 IRAS 11538+5524 KUG 1153+554 PGC 37520
NGC 3986		Glxy S0 sp	13.6	PGC 37544 UGC 6920 MCG 5-28-53 CGCG 157-58 IRAS 11541+3217
NGC 3990	H791-2	Glxy S0-: sp	13.4	UGC 6938 MCG 9-20-43 CGCG 269-24 PGC 37618
NGC 3991		Glxy Im pec sp	13.5	UGC 6933 MCG 6-26-60 CGCG 186-73 VV 523 ARP 313 IRAS 11549+3237 KUG 1154+326 PGC 37613
NGC 3992	H61-4	Glxy SB(rs)bc	10.6	M 109 UGC 691 PGC 37617
NGC 3994		Glxy SA(r)c pec?	13.3	UGC 6936 MCG 6-26-59 CGCG 186-74 ARAK337 VV 249 ARP 313 KUG 1155+325A PGC 37616
NGC 3995		Glxy SAm pec		UGC 6944 MCG 6-26-61 CGCG 186-75 VV 249 ARP 313 IRAS 11550+3234 KUG 1155+325B PGC 37624
NGC 3998	H229-1	Glxy SA(r)0^?	11.6	UGC 6946 MCG 9-20-46 CGCG 269-25 PGC 37642
NGC 4013	H733-2	Glxy Sb sp	12.2	UGC 6963 MCG 7-25-9 CGCG 215-10 IRAS 11559+4413 PGC 37691
NGC 4026	H223-1	Glxy S0 sp	11.7	UGC 6985 MCG 9-20-52 CGCG 269-29 PGC 37760
NGC 4036	H253-1	Glxy S0-	11.6	UGC 7005 MCG 10-17-125 CGCG 292-59 IRAS 11588+6210 PGC 37930
NGC 4041	H252-1	Glxy SA(rs)bc:	11.9	UGC 7014 MCG 10-17-129 CGCG 292-61 ARAK342 IRAS 11596+6224 PGC 37999
NGC 4047	H741-2	Glxy (R)SA(rs)b:	13	UGC 7025 MCG 8-22-58 CGCG 243-37 IRAS 12002+4854 PGC 38042
NGC 4051	H56-4	Glxy SAB(rs)bc	10.8	UGC 7030 MCG 8-22-59 CGCG 243-38 IRAS 12005+4448 PGC 38068
NGC 4054	H794-3	Glxy S	15.2	MCG 10-17-131 CGCG 292-62 VV 136 PGC 38078
NGC 4062	H174-1	Glxy SA(s)c	11.9	UGC 7045 MCG 5-29-4 CGCG 158-8 IRAS 12015+3210 KARA518 KUG 1201+321 PGC 38150
NGC 4068	H781-2	Glxy IAm	13	IC 757 PGC 38148 UGC 7047 MCG 9-20-79 CGCG 269-31
NGC 4081		Glxy Sa?	13.8	UGC 7062 MCG 11-15-15 CGCG 315-10 IRAS 12020+6442 PGC 38212
NGC 4085	H224-1	Glxy SAB(s)c:?	13	UGC 7075 MCG 9-20-86 CGCG 269-32 IRAS 12028+5037 PGC 38283
NGC 4088	H206-1	Glxy SAB(rs)bc	11.2	UGC 7081 MCG 9-20-89 CGCG 269-33 VV 357 ARP 18 PGC 38302
NGC 4096	H207-1	Glxy SAB(rs)c	11.5	UGC 7090 MCG 8-22-67 CGCG 243-43 PGC 38361
NGC 4100	H717-3	Glxy (R')SA(rs)bc	11.9	UGC 7095 MCG 8-22-68 CGCG 243-44 IRAS 12036+4951 PGC 38370
NGC 4102	H225-1	Glxy SAB(s)b?	12	UGC 7096 MCG 9-20-94 CGCG 269-36 IRAS 12038+5259 PGC 38392
NGC 4141	H795-3	Glxy SBcd:	14.4	UGC 7147 MCG 10-17-152 CGCG 292-74 PGC 38669
NGC 4142	H814-3	Glxy SB(s)d:	13.9	UGC 7140 MCG 9-20-102 CGCG 269-37 PGC 38645
NGC 4144	H747-2	Glxy SAB(s)cd? sp	12.1	UGC 7151 MCG 8-22-77 CGCG 243-48 IRAS 12074+4644 PGC 38688
NGC 4149	H802-2	Glxy S?	14.2	NGC 4154 PGC 38741 UGC 7167 MCG 10-17-155 CGCG 292-76 IRAS 12080+5834

## Ursa Major - The Great Bear

Observed: Yes

Object	Her	Type	Mag	Alias/Notes
NGC 4157	H208-1	Glxy SAB(s)b? sp	12.2	UGC 7183 MCG 9-20-106 CGCG 269-38 IRAS 12085+5045 PGC 38795
NGC 4161	H803-2	Glxy S?	13.9	UGC 7191 MCG 10-18-2 CGCG 292-78 IRAS 12090+5800 PGC 38834
NGC 4172	H792-2	Glxy S?	14.2	UGC 7205 MCG 9-20-109 CGCG 269-39 CGCG 292-80 PGC 38887
NGC 4194	H867-2	Glxy IBm pec	12.5	UGC 7241 MCG 9-20-119 MK 201 CGCG 269-43 1ZW33 VV 261 ARP 160 PGC 39068
NGC 4195	H796-3	Glxy SB(s)cd	14.9	UGC 7244 MCG 10-18-10 CGCG 292-83 CGCG 293-4 PGC 39082
NGC 4198	H793-2	Glxy S0/a	14.6	UGC 7246 MCG 9-20-123 CGCG 269-45 PGC 39090
NGC 4199	H797-3	Glxy Sb	15.5	UGC 7253 MCG 10-18-11 CGCG 292-84 CGCG 293-5 VV 183 PGC 39135
NGC 4271	H804-2	Glxy S0-:	13.6	UGC 7375 MCG 10-18-25 CGCG 293-10 PGC 39683
NGC 4284	H798-3	Glxy Sbc	14.3	UGC 7393 MCG 10-18-26 CGCG 293-11 PGC 39775
NGC 4290	H805-2	Glxy SB(rs)ab:	12.7	UGC 7402 MCG 10-18-29 CGCG 293-12 IRAS 12183+5822 PGC 39859
NGC 4335	H806-2	Glxy E	13.4	UGC 7455 MCG 10-18-35 CGCG 293-15 PGC 40169
NGC 4358	H799-3	Glxy S0	16.4	MCG 10-18-37 CGCG 293-17 PGC 40314
NGC 4362	H800-3	Glxy S?	15.3	MCG 10-18-39 CGCG 293-18 PGC 40350
NGC 4364	H801-3	Glxy S0	14.2	UGC 7479 MCG 10-18-38 CGCG 293-17 PGC 40309
NGC 4384	H879-3	Glxy Sa	13.5	UGC 7506 MCG 9-20-168 MK 207 CGCG 269-55 IRAS 12227+5446 PGC 40475
NGC 4500	H234-1	Glxy SB(s)a	13.1	UGC 7667 MCG 10-18-62 MK 213 CGCG 293-26 IRAS 12290+5814 PGC 41436
NGC 4511	H834-3	Glxy Sbc	14.7	MCG 10-18-63 CGCG 293-27 SBS1229+567 PGC 41560
NGC 4547	H802-3	Glxy E/S0		MCG 10-18-69 CGCG 293-30 PGC 41896
NGC 4549	H807-3	Glxy	16.4	MCG 10-18-70 CGCG 293-30 PGC 41954
NGC 4566	H880-3	Glxy S	13.8	UGC 7769 MCG 9-21-24 CGCG 270-12 KARA539 PGC 42007
NGC 4605	H254-1	Glxy SB(s)c pec	10.9	UGC 7831 MCG 10-18-74 CGCG 293-31 IRAS 12378+6152 KARA543 PGC 42408
NGC 4644	H794-2	Glxy SBb:	14.6	UGC 7887 MCG 9-21-30 CGCG 270-14 PGC 42708
NGC 4646	H794-2	Glxy S0?	14.4	UGC 7892 MCG 9-21-31 CGCG 270-15 PGC 42740
NGC 4652		Glxy Sb	15.6	MCG 10-18-78 CGCG 293-35 PGC 42802
NGC 4669		Glxy S	14.1	UGC 7925 MCG 9-21-38 CGCG 270-18 PGC 42942
NGC 4675	H778-3	Glxy SBb:	15.2	UGC 7935 MCG 9-21-39 CGCG 270-19 IRAS 12432+5500 PGC 42998
NGC 4686	H795-2	Glxy Sa	13.6	UGC 7946 MCG 9-21-44 CGCG 270-21 PGC 43101
NGC 4695	H796-2	Glxy S	14.4	IC 3791 PGC 43173 UGC 7966 MCG 9-21-48 CGCG 270-23
NGC 4732	H814-2	Glxy E	14.9	UGC 7988 MCG 9-21-53 CGCG 270-26 PGC 43430
NGC 4801	H816-3	Glxy L	15.4	MCG 9-21-60 CGCG 270-30 PGC 43946
NGC 4814	H243-1	Glxy SA(s)b	12.8	UGC 8051 MCG 10-19-3 CGCG 294-3 CGCG 293-44 IRAS 12532+5836 PGC 44025
NGC 4964	H779-3	Glxy S?	14.2	UGC 8184 MCG 9-22-7 CGCG 294-11 KARA571 PGC 45278
NGC 4967	H783-3	Glxy E	15.2	MCG 9-22-5 CGCG 270-50 CGCG 271-6 PGC 45281
NGC 4973	H781-3	Glxy E/S0	15	IC 847 MCG 9-22-6 PGC 45280
NGC 4974	H782-3	Glxy E/S0	13.9	MCG 9-22-11 CGCG 270-52 CGCG 271-8 PGC 45299
NGC 4977	H780-3	Glxy SA(r)b	14.1	UGC 8196 MCG 9-22-10 CGCG 271-9 CGCG 270-53 PGC 45339
NGC 5001		Glxy SB	14.6	UGC 8243 MCG 9-22-22 CGCG 271-20 IRAS 13074+5345 PGC 45631
NGC 5007	H848-3	Glxy S0-:	14.3	UGC 8240 MCG 10-19-42 CGCG 294-21 PGC 45605
NGC 5109	H826-2	Glxy S	13.8	UGC 8393 MCG 10-19-61 CGCG 294-32 IRAS 13189+5754 PGC 46589
NGC 5113	H808-3	Glxy Sbc	15.3	MCG 10-19-64 CGCG 294-34 PGC 46630
NGC 5163	H821-3	Glxy E	14.6	UGC 8453 MCG 9-22-62 CGCG 271-40 PGC 47096
NGC 5164	H784-3	Glxy SBb	14.5	UGC 8458 MCG 9-22-63 MK 257 CGCG 271-41 PGC 47124
NGC 5201	H797-2	Glxy S?	14.1	UGC 8480 MCG 9-22-69 CGCG 271-45 PGC 47324
NGC 5204	H63-4	Glxy SA(s)m	11.7	UGC 8490 MCG 10-19-78 CGCG 294-39 IRAS 13277+5840 PGC 47368



## Ursa Major - The Great Bear

Observed: Yes

Object	Her	Type	Mag	Alias/Notes
NGC 5205		Glxy S?	13.2	UGC 8501 MCG 11-17-3 CGCG 316-17 IRAS 13283+6245 PGC 47425
NGC 5216	H841-2	Glxy E0 pec	13.6	UGC 8528 MCG 11-17-4 CGCG 316-19 CGCG 317-2 VV 33 ARP 104 PGC 47598
NGC 5218	H842-2	Glxy SB(s)b? pec	12.3	UGC 8529 MCG 11-17-5 CGCG 316-20 CGCG 317-3 VV 33 ARP 104 IRAS 13304+6301 PGC 47603
NGC 5250	H817-2	Glxy S0	14	UGC 8594 MCG 9-22-85 CGCG 271-53 PGC 47997
NGC 5255	H803-3	Glxy Sb	15.4	MCG 10-19-98 CGCG 294-51 PGC 48124
NGC 5278	H798-2	Glxy SA(s)b? pec	13.5	UGC 8677 MCG 9-22-101 MK 271 CGCG 271-58 CGCG 272-3 1ZW69 VV 19 ARP 239 PGC 48473
NGC 5279		Glxy SB(s)a pec	15	UGC 8678 MCG 9-22-102 MK 271A CGCG 271-58 CGCG 272-3 1ZW69 VV 19 ARP 239 PGC 48482
NGC 5294	H785-3	Glxy	15.2	CGCG 271-61 CGCG 272-6 PGC 48761
NGC 5308	H255-1	Glxy S0- sp	12.3	UGC 8722 MCG 10-20-29 CGCG 295-12 PGC 48860
NGC 5322	H256-1	Glxy E3-4	11.1	UGC 8745 MCG 10-20-35 CGCG 295-17 PGC 49044
NGC 5342	H849-3	Glxy S0	14.5	UGC 8776 MCG 10-20-41 CGCG 295-20 PGC 49192
NGC 5368	H786-3	Glxy (R')SABab:	13.9	UGC 8834 MCG 9-23-14 CGCG 272-12 IRAS 13526+5434 PGC 49431
NGC 5370	H843-2	Glxy SB(r)0^	14.1	UGC 8832 MCG 10-20-44 CGCG 295-22 PGC 49408
NGC 5372	H809-3	Glxy S?	14.2	UGC 8843 MCG 10-20-46 CGCG 295-24 IRAS 13530+5854 PGC 49451
NGC 5376	H844-2	Glxy SAB(r)b?	12.9	UGC 8852 MCG 10-20-47 CGCG 295-25 IRAS 13536+5945 PGC 49489
NGC 5379	H239-1	Glxy S0	13.9	UGC 8860 MCG 10-20-49 CGCG 295-26 PGC 49508
NGC 5389	H240-1	Glxy SAB(r)0/a:?	12.9	UGC 8866 MCG 10-20-51 CGCG 295-27 IRAS 13544+5959 PGC 49548
NGC 5402	H810-3	Glxy S?	14.7	UGC 8903 MCG 10-20-54 CGCG 295-29 IRAS 13566+6003 PGC 49712
NGC 5422	H230-1	Glxy S0 sp	12.8	UGC 8935 MCG 9-23-24 CGCG 272-16 PGC 49874
NGC 5430	H827-2	Glxy SB(s)b	12.7	UGC 8937 MCG 10-20-62 MK 799 CGCG 295-32 IRAS 13591+5934 PGC 49881
NGC 5443	H799-2	Glxy SB(s)b?	13.1	UGC 8958 MCG 9-23-26 CGCG 272-20 IRAS 14004+5603 PGC 49993
NGC 5447	H787-3	Knt in Glxy		
NGC 5448	H691-2	Glxy (R)SAB(r)a	11.9	UGC 8969 MCG 8-26-3 CGCG 247-4 IRAS 14009+4924 PGC 50031
NGC 5451		Knt in Glxy		
NGC 5457		Glxy SAB(rs)cd	8.3	M 101 UGC 1035 MCG 8-3-23 CGCG 551-18 PGC 50063
NGC 5461	H788-3	Knt in Glxy		
NGC 5462	H789-3	Knt in Glxy		
NGC 5471		Glxy		
NGC 5473	H231-1	Glxy SAB(s)0-:	12.4	UGC 9011 MCG 9-23-31 CGCG 272-22 PGC 50191
NGC 5474	H214-1	Glxy S(c)	11.3	UGC 9013 MCG 9-23-32 CGCG 272-23 VV 344 ARP 26 PGC 50216
NGC 5475	H800-2	Glxy Sa? sp	13.5	UGC 9016 MCG 9-23-33 CGCG 272-24 PGC 50231
NGC 5477	H790-3	Glxy SA(s)m	14	UGC 9018 MCG 9-23-34 DDO186 CGCG 272-25 VV 561 KUG 1403+546 PGC 50262
NGC 5480	H692-2	Glxy SA(s)c:	12.8	UGC 9026 MCG 9-23-35 CGCG 272-27 IRAS 14045+5057 PGC 50312
NGC 5481	H693-2	Glxy E+	13.3	UGC 9029 MCG 9-23-36 CGCG 272-28 PGC 50331
NGC 5484	H791-3	Glxy E2	15.7	CGCG 272-29 PGC 50338
NGC 5485	H232-1	Glxy SA0 pec	11.4	UGC 9033 MCG 9-23-37 CGCG 272-30 PGC 50369
NGC 5486	H801-2	Glxy SA(s)m:	13.8	UGC 9036 MCG 9-23-38 CGCG 272-31 IRAS 14056+5520 PGC 50383
NGC 5503		Glxy	16	MCG 10-20-77 PGC 50508
NGC 5526	H804-3	Glxy Sbc	14.3	UGC 9115 MCG 10-20-85 CGCG 295-40 IRAS 14122+5800 PGC 50832
NGC 5540	H805-3	Glxy	14.9	MCG 10-20-90 CGCG 295-41 PGC 50883
NGC 5561		Glxy Sm	15.4	UGC 9151 MCG 10-20-93 CGCG 295-44 PGC 51026
NGC 5585	H235-1	Glxy SAB(s)d	11.2	UGC 9179 MCG 10-20-94 CGCG 295-45 IRAS 14182+5657 KARA624 KUG 1418+569 PGC 51210
NGC 5631	H236-1	Glxy SA(s)0^	12.4	UGC 9261 MCG 10-21-2 CGCG 296-5 PGC 51564

## Ursa Major - The Great Bear

Observed: Yes

Object	Her	Type	Mag	Alias/Notes
PAL	4	Globular	14.2	Palomar 4
PGC	23324	Glxy Dwarf Irr	11.1	HolmbergII UGC 4305 MCG 12-8-33 DDO50 CGCG 331-34 7ZW223 ARP 268 IRAS 8140+7052
PGC	23913	Glxy SA(s)c	14.8	UGC 4445 MCG 10-12-142 CGCG 287-77
PGC	24908	Glxy SBb	15.1	UGC 4633 MCG 9-15-36 CGCG 264-22
PGC	24912	Glxy E	15.5	MCG 9-15-38 CGCG 264-23
PGC	24916	Glxy	15.6	CGCG 264-25
PGC	25130	Glxy S?	13.6	UGC 4671 MCG 9-15-53 CGCG 264-33 IRAS 8531+5217
PGC	25240	Glxy Dwarf Spiral	15.2	UGC 4612
PGC	25290	Glxy Sb	13.6	UGC 4713 MCG 9-15-70 CGCG 264-47 IRAS 8567+5241
PGC	25305	Glxy Sab	15	UGC 4717 MCG 9-15-73 CGCG 264-48
PGC	25308	Glxy Sc	14.9	UGC 4719 MCG 9-15-72 CGCG 264-49 IRAS 8570+5052
PGC	25369	Glxy Sc	14.9	UGC 4727 MCG 10-13-51
PGC	25370	Glxy S?	14.6	UGC 4730 MCG 10-13-52 MK 18 CGCG 288-17 IRAS 8580+6020 ANON 858+60
PGC	25649	Glxy S0-:	14.1	UGC 4775 MCG 11-11-37 CGCG 311-29
PGC	25755	Glxy	15.7	CGCG 264-68
PGC	26289	Glxy Sab	14.7	UGC 4896 MCG 12-9-36 CGCG 332-39
PGC	26572	Glxy SBR	14.8	MCG 9-16-8 CGCG 265-9
PGC	26579	Glxy Sa	14.7	UGC 4967 MCG 12-9-44 CGCG 332-46
PGC	26694	Glxy C	15.8	CGCG 238-51
PGC	26849	Glxy SB(s)dm pec	14.3	UGC 5028 MCG 12-9-49 MK 111 CGCG 332-50 7ZW280 VV 106 ARP 300 IRAS 9235+6837
PGC	26864	Glxy SAB(s)c	14.1	UGC 5029 MCG 12-9-50 CGCG 332-51 VV 106 ARP 300
PGC	26940	Glxy C	15.3	CGCG 312-12
PGC	27029	Glxy Sc	15.3	UGC 5058 MCG 11-12-13 CGCG 312-13
PGC	27041	Glxy SBa	15.2	UGC 5061 MCG 11-12-14 CGCG 312-14
PGC	27076	Glxy SB	16.7	MCG 10-14-17
PGC	27788	Glxy S?	15.1	UGC 5179 MCG 10-14-33 MK 1423 CGCG 289-17
PGC	28045	Glxy S?	14.7	UGC 5225 MCG 8-18-30 CGCG 239-26 1ZW21 ANON 943+46
PGC	28239	Glxy Spiral	15.3	MCG 7-20-57 CGCG 210-38
PGC	28330	Glxy	14.9	UGC 5273 MCG 7-20-66 CGCG 239-35
PGC	28340	Glxy Compact	15.5	UGC 5273 MCG 7-20-67 MK 1237 CGCG 239-35
PGC	28751	Glxy S	15.8	MCG 8-18-45
PGC	28753	Glxy S?	16.5	MCG 8-18-46 Hickson 41C
PGC	28757	Glxy Im	14	HolmbergIX UGC 5336 MCG 12-10-12 DDO66 ANON 953+69
PGC	28764	Glxy S?	14.6	UGC 5345 MCG 8-18-47 CGCG 239-45 IRAS 9544+4528 Hickson 41A
PGC	28770	Glxy S	15.3	UGC 5346 MCG 8-18-48 CGCG 239-47 Hickson 41B
PGC	28784	Glxy E	18.1	Hickson 41D
PGC	28990	Glxy Sb-Sc	14.8	MCG 9-17-9 CGCG 266-7 CGCG 265-55
PGC	29068	Glxy S R	16.6	MCG 9-17-11
PGC	29142	Glxy S0/a	15.4	UGC 5405 MCG 9-17-15 CGCG 266-12
PGC	29229	Glxy Sdm:	18	UGC 5421 MCG 9-17-18 SBS1001+555
PGC	29327	Glxy E/S0	13.7	UGC 5435 MCG 10-15-13 CGCG 290-8
PGC	29427	Glxy Im	14.1	UGC 5451 MCG 8-19-4 CGCG 240-10
PGC	29472	Glxy SB(s)c? sp	13.2	UGC 5459 MCG 9-17-27 CGCG 266-24 IRAS 10049+5319 ANON 1004+53
PGC	29550	Glxy SB(s)c	15.1	UGC 5475 MCG 10-15-19 CGCG 290-9

## Ursa Major - The Great Bear

Observed: Yes

Object	Her	Type	Mag	Alias/Notes
PGC 29595		Glxy Sdm:	15.4	UGC 5480 MCG 10-15-22 CGCG 290-10
PGC 29612		Glxy	15.8	CGCG 290-11
PGC 29955		Glxy SB	15.4	UGC 5531 MCG 7-21-33 CGCG 211-33 IRAS 10126+4414
PGC 29962		Glxy S?	14.8	MCG 7-21-34 MK 139 CGCG 211-34 ANON 1012+44 KUG 1012+440
PGC 30027		Glxy E:	14.6	UGC 5542 MCG 10-15-54 CGCG 290-25
PGC 30122		Glxy	14.8	MCG 10-15-59
PGC 30137		Glxy S	17.6	Hickson 45B
PGC 30143		Glxy S	18.4	Hickson 45C
PGC 30153		Glxy Sb	15.7	UGC 5564 MCG 10-15-61 Hickson 45A
PGC 30156		Glxy S	17.6	Hickson 45D
PGC 30240		Glxy Sab	15.4	UGC 5579 MCG 10-15-66 CGCG 290-29
PGC 30368		Glxy Sbc	15.6	MCG 10-15-70 CGCG 290-31
PGC 30649		Glxy E/S0	14.9	MCG 10-15-79 CGCG 290-39
PGC 30693		Glxy S	15.1	MCG 12-10-36
PGC 31141		Glxy Im pec:	13.4	UGC 5720 MCG 9-17-70 MK 33 CGCG 266-55 ARP 233 ANON 1029+54
PGC 31192		Glxy Sbc	14.9	UGC 5727 MCG 11-13-32 CGCG 313-23
PGC 31697		Glxy S?	14.5	UGC 5791 MCG 8-20-4 CGCG 241-4
PGC 31720		Glxy S?	14.8	UGC 5798 MCG 8-20-11 CGCG 241-6
PGC 31959		Glxy SBb	14.1	UGC 5838 MCG 7-22-48 CGCG 212-42 IRAS 10405+4102
PGC 31965		Glxy S0/a	14.8	UGC 5839 MCG 7-22-49 CGCG 212-43
PGC 32218		Glxy I	15.8	MCG 12-10-80
PGC 32405		Glxy Im:	15.1	UGC 5918 MCG 11-13-39 DDO87 7ZW347 ANON 1046+65
PGC 32587		Glxy	15.2	MCG 9-18-41
PGC 32740		Glxy Im	15.2	UGC 6016 MCG 9-18-52 ARP 205
PGC 32784		Glxy Sm	15.7	MCG 10-16-24 VV 14 ARP 24
PGC 32890		Glxy L	17.3	Hickson 49D
PGC 32893		Glxy S	17.6	Hickson 49C
PGC 32895		Glxy S	16.7	Hickson 49B
PGC 32899		Glxy S?	16.2	CGCG 314-1 CGCG 313-40 Hickson 49A
PGC 33043		Glxy	15.8	MCG 10-16-37 CGCG 291-17 ARAK271
PGC 33071		Glxy S	15.4	MCG 10-16-40
PGC 33205		Glxy Sbc	15.2	MCG 10-16-44 CGCG 291-21 7ZW360 VV 627
PGC 33423		Glxy Ring	15.4	MCG 7-23-19 VV 32 ARP 148 ANON 1101+41 KUG 1101+411
PGC 33448		Glxy C	15.4	CGCG 213-25
PGC 33526		Glxy S	16.1	MCG 10-16-55
PGC 33571		Glxy S	14.7	UGC 6149 MCG 7-23-23 CGCG 213-28
PGC 33625		Glxy SBdm	14	UGC 6161 MCG 7-23-24 CGCG 213-29
PGC 33887		Glxy S	16	KUG 1107+288
PGC 33924		Glxy C	15.5	CGCG 156-2 CGCG 155-81
PGC 33944		Glxy		
PGC 33994		Glxy		
PGC 34000		Glxy S	15.5	MCG 5-27-12
PGC 34017		Glxy	15.5	MCG 5-27-15 CGCG 155-91 CGCG 156-13
PGC 34036		Glxy S	15.7	MCG 5-27-16 CGCG 156-15 KUG 1108+290
PGC 34068		Glxy S	15.4	UGC 6241 MCG 5-27-18 CGCG 156-19 KUG 1109+287

## Ursa Major - The Great Bear

Observed: Yes

Object	Her	Type	Mag	Alias/Notes
PGC 34303		Glxy S0	13.8	UGC 6276 MCG 5-27-32 CGCG 156-36
PGC 34356		Glxy SBR	15.6	MCG 9-19-21
PGC 34375		Glxy E3:	14	MCG 5-27-35 CGCG 156-39
PGC 34376		Glxy E3:	14	CGCG 156-41 ANON 1113+29A
PGC 34380		Glxy S?	15	MCG 5-27-36 CGCG 156-40
PGC 34384		Glxy		
PGC 34385		Glxy S?	14.8	MCG 5-27-37 CGCG 156-42
PGC 34386		Glxy		
PGC 34388		Glxy		
PGC 34393		Glxy SB(s)b	14.4	UGC 6292 MCG 5-27-38 CGCG 156-44 IRAS 11137+2935 KUG 1113+295
PGC 34394		Glxy		
PGC 34395		Glxy S	16.8	MCG 5-27-39A CGCG 156-43
PGC 34396		Glxy S	17.1	MCG 5-27-39 CGCG 156-43
PGC 34397		Glxy	15.5	MCG 5-27-41 CGCG 156-46
PGC 34398		Glxy	15.2	MCG 5-27-40 CGCG 156-46
PGC 34702		Glxy Sab	15.1	UGC 6347 MCG 6-25-45 CGCG 185-39
PGC 34704		Glxy Dwarf Spiral	14.5	UGC 6344
PGC 34733		Glxy Sd	14.6	UGC 6355 MCG 5-27-59 CGCG 156-65 KUG 1118+314
PGC 34768		Glxy SB(s)ab	14.6	UGC 6367 MCG 5-27-60 CGCG 156-66 IRAS 11183+3131
PGC 34803		Glxy	15.7	CGCG 185-43
PGC 34812		Glxy S0/a	15.1	MCG 6-25-51 CGCG 185-44
PGC 34869		Glxy Sd	14.7	UGC 6378 MCG 12-11-20 CGCG 334-28 ANON 1119+69
PGC 34895		Glxy	14.4	MCG 9-19-52
PGC 34933		Glxy SBa	14.8	UGC 6393 MCG 6-25-56 CGCG 185-50
PGC 34944		Glxy	15.2	MCG 9-19-56
PGC 34962		Glxy S	15.6	MCG 9-19-59
PGC 34975		Glxy Sb-c	15.7	UGC 6400 MCG 9-19-62
PGC 34985		Glxy		MCG 9-19-64 VV 22 ARP 155
PGC 35055		Glxy S	15.6	UGC 6422 MCG 9-19-70
PGC 35104		Glxy SBb	15.4	MCG 10-16-134 CGCG 291-66
PGC 35129		Glxy S0 pec	16.6	MCG 9-19-73 MK 40 1ZW26 VV 144 ARP 151 ANON 1122+54
PGC 35325		Glxy		MCG 10-17-2A VV 118 ARP 299
PGC 35345		Glxy B	15.7	MCG 10-17-5 VV 118 ARP 296
PGC 35609		Glxy SB0 pec:	16.4	Hickson 56E ARP 322
PGC 35615		Glxy SA(s)0/a pec:	16.8	Hickson 56D ARP 322
PGC 35618		Glxy (R')S0/a pec:	15.8	Hickson 56C ARP 322
PGC 35620		Glxy Sa pec sp	16.2	UGC 6527 MCG 9-19-111 MK 176 CGCG 268-49 1ZW27 VV 150 ARP 322 KUG 1129+532 Hickson 56B
PGC 35626		Glxy SA(rs)c	14.1	UGC 6528 MCG 10-17-13 CGCG 292-3 CGCG 291-77
PGC 35631		Glxy S?	16.2	MCG 9-19-113 CGCG 268-49 ANON 1129+53E ARP 322 Hickson 56A
PGC 35675		Glxy Sd	13.4	UGC 6534 MCG 11-14-30 CGCG 314-32 IRAS 11304+6333 ANON 1130+63
PGC 35702		Glxy S	15	MCG 8-21-54
PGC 35762		Glxy S	16	MCG 8-21-59
PGC 35774		Glxy		MCG 8-21-60
PGC 35799		Glxy Sc	14.9	MCG 9-19-125 CGCG 268-54
PGC 35811		Glxy E/S0	15.4	MCG 9-19-126 CGCG 268-57

## Ursa Major - The Great Bear

Observed: Yes

Object	Her	Type	Mag	Alias/Notes
PGC 35831		Glxy S	15.8	MCG 8-21-64
PGC 35845		Glxy S	15.7	MCG 8-21-65
PGC 35846		Glxy E		MCG 8-21-66
PGC 35849		Glxy		
PGC 35872		Glxy S	15.5	MCG 9-19-131 CGCG 268-61
PGC 36037		Glxy E?	13.9	UGC 6604 MCG 10-17-29 CGCG 292-13
PGC 36137		Glxy SA(s)d:	13.7	UGC 6616 MCG 10-17-35 CGCG 292-15
PGC 36305		Glxy S	15.1	UGC 6658 MCG 5-28-16 CGCG 157-16
PGC 36343		Glxy Scd:	14.2	UGC 6667 MCG 9-19-157 CGCG 268-71
PGC 36463		Glxy SB?	15.2	MCG 9-19-165 MK 1452 CGCG 268-75 VV 320 KUG 1141+553A
PGC 36585		Glxy S	15.3	MCG 10-17-58 CGCG 292-24
PGC 36785		Glxy	15	MCG 9-19-183
PGC 36973		Glxy Scd:	15.9	UGC 6802 MCG 9-19-209 ANON 1147+52
PGC 37013		Glxy S	14.2	MCG 9-19-213
PGC 37090		Glxy L	15.4	MCG 6-26-43 CGCG 186-56 ARAK329
PGC 37164		Glxy SB(rs)m	14.3	UGC 6840 MCG 9-20-19 DDO100 CGCG 269-12 ANON 1149+52
PGC 37168		Glxy	15.2	MCG 9-20-18 KUG 1149+522
PGC 37282		Glxy S?	14.7	UGC 6865 MCG 7-25-2 CGCG 214-35 CGCG 215-3 2ZW55 VV 286 ARP 62
PGC 37416		Glxy S	15.8	MCG 5-28-46 KUG 1152+286
PGC 37526		Glxy C	15.7	MCG 10-17-106 CGCG 292-49
PGC 37534		Glxy S	17.6	MCG 10-17-108
PGC 37589		Glxy Scd:	15	UGC 6929 MCG 6-26-58 CGCG 186-72
PGC 37639		Glxy S?	14.9	UGC 6945 MCG 6-26-62 CGCG 186-76 VV 126 ARP 194
PGC 38053		Glxy S	16.2	Hickson 60B
PGC 38064		Glxy S	16.5	Hickson 60C
PGC 38065		Glxy S0?	15.8	MCG 9-20-71 Hickson 60A
PGC 38072		Glxy S	16.4	Hickson 60D
PGC 38076		Glxy E		MCG 9-20-72
PGC 38092		Glxy E		MCG 9-20-74
PGC 38105		Glxy S	16	MCG 9-20-76
PGC 38106		Glxy E		MCG 9-20-75
PGC 38307		Glxy Sb	15.5	MCG 5-29-12
PGC 38325		Glxy SA(r)0- pec	15.3	UGC 7085A MCG 5-29-11 CGCG 158-16 VV 13 ARP 97 ANON 1203+31B
PGC 38327		Glxy SAB0- pec:	15.7	UGC 7085A MCG 5-29-10 CGCG 158-16 VV 13 ARP 97 ANON 1203+31A
PGC 38375		Glxy Sdm:	15.4	UGC 7094 MCG 7-25-22 CGCG 215-25
PGC 38812		Glxy S	15.6	MCG 10-17-157 CGCG 292-77
PGC 41841		Glxy SBR	16.5	MCG 10-18-68
PGC 41897		Glxy	16	
PGC 42725		Glxy S?	16.5	MCG 9-21-32
PGC 42841		Glxy S? pec	14.5	UGC 7905 MCG 9-21-34 MK 220 CGCG 270-16 1ZW41 VV 708 ANON 1241+55A
PGC 42844		Glxy Double System	14.1	UGC 7905 MCG 9-21-33 MK 221 CGCG 270-16 1ZW41 VV 708 ANON 1241+55B
PGC 43028		Glxy S	15.8	MCG 9-21-41
PGC 44961		Glxy Sd	14.4	UGC 8146 MCG 10-19-15 CGCG 294-10
PGC 45228		Glxy SB	15.3	MCG 9-21-101 CGCG 270-47 CGCG 271-3

## Ursa Major - The Great Bear

Observed: Yes

Object	Her	Type	Mag	Alias/Notes
PGC 45255		Glxy S?	15.7	MCG 9-22-2
PGC 45277		Glxy	16	MCG 9-22-3 MK 239 CGCG 271-4 CGCG 270-48
PGC 45334		Glxy	15.7	MCG 9-22-11 CGCG 270-52 CGCG 271-8
PGC 45337		Glxy Scd:	16	MK 242 ANON 1303+53
PGC 45476		Glxy SB?	14.4	UGC 8214 MCG 10-19-36 CGCG 294-19 IRAS 13056+6228
PGC 45501		Glxy S	15.6	MCG 10-19-37 CGCG 316-10
PGC 45572		Glxy S0/a	14.1	UGC 8234 MCG 10-19-40 CGCG 316-11 ANON 1306+62
PGC 45583		Glxy (R')SBb:	13.9	UGC 8237 MCG 10-19-41 CGCG 316-12 IRAS 13069+6234
PGC 45617		Glxy	15.7	MCG 10-19-44 CGCG 294-23
PGC 46114		Glxy S	15.3	MCG 10-19-57 CGCG 294-28 VV 250 ARP 238
PGC 46133		Glxy S?	14.4	UGC 8335 MCG 10-19-56 CGCG 294-28 7ZW506 VV 250 ARP 238 IRAS 13136+6223
PGC 46620		Glxy S	13.1	MCG 10-19-63
PGC 47328		Glxy S R	15.9	MCG 9-22-70
PGC 47470		Glxy E	15.8	MCG 10-19-80 CGCG 294-40 KARA589
PGC 47501		Glxy S	15.6	UGC 8511 MCG 10-19-81 CGCG 316-18 CGCG 317-1
PGC 47512		Glxy Sab	15.1	UGC 8514 MCG 10-19-82 CGCG 294-41
PGC 47854		Glxy S?	14.4	UGC 8571 MCG 10-19-95 CGCG 294-49 IRAS 13329+6215
PGC 47926		Glxy S	16	MCG 9-22-83
PGC 48198		Glxy S	15.8	MCG 10-19-103
PGC 48220		Glxy E	17.6	Hickson 66D
PGC 48222		Glxy S	16.7	Hickson 66C
PGC 48226		Glxy S0?	15.8	MCG 10-19-104 CGCG 294-55 CGCG 295-3 Hickson 66A
PGC 48231		Glxy S	16.8	Hickson 66B
PGC 48439		Glxy S	14.1	MCG 9-22-94
PGC 48450		Glxy S?	14.5	UGC 8671 MCG 9-22-96 CGCG 271-57 CGCG 272-2 ARAK427
PGC 48570		Glxy C	15.6	CGCG 271-59 CGCG 272-4
PGC 49448		Glxy IB(s)m sp	13.8	HolmbergIV UGC 8837 MCG 9-23-17 DDO185 CGCG 272-13 ANON 1352+54
PGC 49512		Glxy Sm	15	UGC 8859 MCG 10-20-50
PGC 50413		Glxy S	15.8	MCG 10-20-75
PGC 50436		Glxy Sb	15.5	UGC 9049 MCG 10-20-74 CGCG 295-36
PGC 50480		Glxy S	16.7	MCG 10-20-76
WINN 4		Unknown STAR	10.3	M 40 WINNECKE 4 KUG 2357+228

**Sub Total: 769****Total: 951**