

INDEX TO
THE HUBBLE SANDAGE ATLAS OF GALAXIES
Arranged alphabetically according to constellation

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1. Introduction

The Hubble Atlas has become an important reference work for those engaged in supernova searches in external galaxies. Anyone who has worked with the atlas for this purpose has discovered that it does not contain coordinates or magnitude estimates for the objects therein. The aim of the index is to provide a listing of the galaxies arranged according to constellation and giving the coordinates, magnitudes and the page number in the atlas for each galaxy. The index is intended for use as a companion to the atlas at the telescope and eliminates the need for cross referencing in other catalogs in order to determine which objects are best suited for observation at any time during the year.

2. Description of Format

1. Constellations containing galaxies in the atlas are listed alphabetically.

2. NGC numbers and Messier numbers are given in order of increasing Right Ascension within each constellation.

3. R.A. and DEC. are given for the epoch 1950. These coordinates are taken from Becvar's Atlas of the Heavens-II (Atlas Catalog).

4. An attempt has been made to give visual magnitudes where possible. These are taken from the Atlas Catalog where given. In cases where the Atlas Catalog does not give visual magnitudes, the magnitudes indicated are from the RNGC. RNGC magnitudes are primarily from the Reference Catalog of Bright Galaxies, de Vaucouleurs. In some instances the RNGC gives photographic magnitudes from The Catalog of Galaxies and of Clusters of Galaxies, F. Zwicky, et. al. In general the magnitudes are approximate magnitudes.

5. The page number for each galaxy refers to its location in the Hubble Atlas.

ANDROMEDA

<u>NGC</u>	<u>R.A. (1950)</u>	<u>DEC.</u>	<u>M_v</u>	<u>ATLAS PAGE</u>
205	0037.6	+4125	9.4	3
224 (M31)	0040.0	+4100	4.8	18
404	0106.6	+3527	10.7	6
891	0219.3	+4207	11.5	25
7640	2319.7	+4035	11.5	49

AQUARIUS

7392	2249.2	-2053	13.0	20
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<u>AQUILA</u>				
<u>NGC</u>	<u>R.A. (1950)</u>	<u>DEC.</u>	<u>M_v</u>	<u>ATLAS PAGE</u>
6814	1939.9	-1025	12.5	20
<u>ARIES</u>				
972	0231.3	+2906	12.7	23
1156	0256.7	+2503	12.5	39
<u>BOOTES</u>				
5248	1335.1	+0908	11.3	33
5614	1422.0	+3505	13.0	9
<u>CAMELOPARDALIS</u>				
2366	0723.6	+6908	11.5	39
2403	0732.0	+6543	8.9	36
2523	0809.2	+7345	12.5	48
<u>CANCER</u>				
2775	0907.7	+0715	10.7	10
<u>CANIS MAJOR</u>				
2217	0618.7	-2714	12.0	43
<u>CANIS VENATICI</u>				
4214	1230.1	+3636	10.3	40
4244	1215.0	+3805	11.9	25
4258 (M106)	1216.5	+4735	8.6	33
4395	1223.4	+3349	10.5	37
4449	1225.8	+4422	9.2	40
4631	1239.8	+3249	9.3	25
4656	1241.6	+3226	11.2	40
4736 (M94)	1248.6	+4123	7.9	16
4800	1252.4	+4648	11.1	16
5005	1308.5	+3719	9.8	13
5055 (M63)	1313.5	+4217	9.5	15
5194 (M51)	1327.8	+4727	8.1	26
5273	1339.9	+3555	11.5	8
5383	1355.0	+4205	12.0	46
<u>CASSIOPEIA</u>				
185	0036.1	+4804	11.7	3
<u>CENTAURUS</u>				
5128	1322.4	-4245	7.5	50
<u>CEPHEUS</u>				
6951	2036.5	+6556	12.0	46

CETUS

<u>NGC</u>	<u>R.A.</u> (1950)	<u>DEC.</u>	<u>M_v</u>	<u>ATLAS PAGE</u>
45	0011.4	-2327	11.0	37
157	0032.3	-0840	11.2	29
175	0034.9	-2012	13.0	43
210	0038.0	-1409	12.0	22
309	0054.0	-1013	12.5	32
615	0132.6	-0735	11.6	22
1068 (M77)	0240.1	-0014	8.9	16
1073	0241.2	+0110	11.5	49
1087	0243.9	-0042	11.9	35

COMA BERENICES

4150	1208	+3041	11.6	4
4237	1214.7	+1536	13.0	20
4254 (M99)	1216.3	+1442	10.1	29
4262	1217	+1509	12.5	42
4274	1217.4	+2953	10.8	12
4278	1217.7	+2934	10.3	1
4293	1218.7	+1840	11.5	11
4314	1220	+3010	10.8	44
4321 (M100)	1220.4	+1606	10.6	28
4394	1223.4	+1829	11.2	47
4450	1225.9	+1721	10.0	13
4459	1226.5	+1415	10.9	5
4548 (M91)	1232.9	+1446	10.8	48
4565	1233.9	+2616	10.3	25
4710	1247.1	+1526	12.0	6
4725	1248.1	+2546	8.9	21
4793	1252.3	+2913	11.8	35
4826 (M64)	1254.3	+2157	8.8	13

CRATER

3511	1100.8	-2250	12.0	35
3672	1122.5	-0932	12.4	30

DRACO

3147	1012.8	+7339	10.9	20
3329	1040.6	+7705	13.5	4
4750	1248.4	+7309	11.2	21
5866 (M102)	1505.1	+5557	10.8	6
5907	1514.6	+5631	11.3	25
6643	1821.2	+7433	11.3	35

ERIDANUS

<u>NGC</u>	<u>R.A. (1950)</u>	<u>DEC.</u>	<u>M_v</u>	<u>ATLAS PAGE</u>
1084	0243.5	-0747	11.0	29
1232	0307.5	-2046	10.5	32
1300	0317.5	-1935	11.0	45
1637	0438.9	-0256	12.1	30

FORNAX

1097	0244.3	-3029	10.5	46
1201	0302.0	-2615	12.0	4
1302	0217.7	-2614	12.0	9
1398	0336.8	-2630	11.0	47

HERCULES

6181	1630.1	+1956	11.9	29
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HYDRA

2811	0913.9	-1606	11.7	11
2855	0919.1	-1141	12.2	5
3081	0956.8	-2233	12.5	11
3109	1000.8	-2555	10.5	39
3145	1007.7	-1210	12.5	21
5101	1319.0	-2711	12.0	42
5236 (M83)	1334.3	-2937	10.1	28

LEO

2903	0929.3	+2144	9.1	35
3032	0949.2	+2928	13.0	5
3185	1014.9	+2156	12.5	43
3351 (M95)	1041.3	+1158	10.4	48
3367	1044.0	+1401	12.5	49
3368 (M96)	1044.2	+1205	9.1	12
3377	1045.1	+1415	10.5	1
3521	1103.2	+0014	9.5	15
3623 (M65)	1116.3	+1323	9.3	11
3627 (M66)	1117.6	+1317	8.4	23
3705	1127.6	+0933	12.0	21
3810	1138.4	+1145	10.8	30

LEO MINOR

2859	0921.3	+3444	10.7	42
3245	1024.5	+2846	11.2	4
3504	1100.5	+2815	10.9	46

LEPUS

1832	0510.0	-1547	12.5	21
1964	0531.2	-2159	11.5	22

<u>OPHIUCHUS</u>				
<u>NGC</u>	<u>R.A. (1950)</u>	<u>DEC.</u>	<u>M_v</u>	<u>ATLAS PAGE</u>
6384	1729.9	+0706	12.0	20
<u>PEGASUS</u>				
23	0007.3	+2539	13.0	22
7217	2205.6	+3107	11.5	15
7331	2234.8	+3410	9.7	17
7332	2235.0	+2332	12.5	7
7457	2258.6	+2953	12.2	4
7741	2341.4	+2548	12.0	49
7743	2341.8	+0939	12.5	43
<u>PERSEUS</u>				
1023	0237.2	+3852	11.0	40
<u>PISCES</u>				
128	0026.7	+0233	13.0	7
488	0119.1	+0500	11.1	15
520	0122.0	+0332	12.5	41
524	0122.1	+0916	11.1	5
628 (M74)	0134.0	+1532	10.2	29
718	0150.7	+0357	12.5	11
<u>PISCIS AUSTRINUS</u>				
7314	2233.0	-2618	12.0	30
<u>PUPPIS</u>				
2525	0803.3	-1117	12.5	49
<u>SCULPTOR</u>				
253	0045.1	-2534	8.9	34
<u>SERPENS</u>				
5962	1534.2	+1646	12.5	30
<u>SEXTANS</u>				
3115	1002.8	-0728	9.3	1
<u>TRIANGULUM</u>				
598 (M33)	0131.1	+3024	6.7	36
750	0154.6	+3258	13.0	2
925	0224.3	+3322	11.5	37

URSA MAJOR

<u>NGC</u>	<u>R.A.</u> (1950)	<u>DEC.</u>	<u>M_v</u>	<u>ATLAS PAGE</u>
2681	0750	+5131	10.4	9
2685	0752.2	+5859	12.0	7
2841	0918.6	+5112	9.3	14
2950	0939.1	+5905	10.9	42
3031 (M81)	0951.5	+6918	7.9	19
3034 (M82)	0951.9	+6956	8.8	41
3065	0957.7	+7225	13.0	5
3077	0959.4	+6858	10.9	41
3359	1043.4	+6330	11.5	49
3556 (M108)	1008.7	+5557	10.7	35
3718	1129.9	+5321	11.2	8
3898	1146.7	+5622	11.4	10
4062	1101.5	+3210	12.0	20
4088	1103.0	+5049	10.9	30
4111	1104.5	+4321	9.7	6
5204	1328.3	+5840	12.2	37
5457 (M101)	1401.4	+5435	9.6	31

VIRGO

4215	1213.4	+0641	13.0	6
4216	1213.4	+1325	10.4	25
4303 (M61)	1219.4	+0445	10.1	29
4378	1222.8	+0512	11.7	10
4406 (M86)	1223.7	+1313	9.7	1
4433	1225.0	-0801	13.0	23
4457	1226.4	+0351	12.0	9
4486 (M87)	1228.3	+1240	9.2	2
4526	1231.6	+0758	10.9	5
4569 (M90)	1234.3	+1326	10.0	13
4579 (M58)	1235.1	+1205	9.2	13
4580	1235.3	+0538	11.7	21
4593	1237.0	-0504	12.0	48
4594 (M104)	1237.3	-1121	8.7	24
4612	1239.0	+0735	12.5	42
4636	1240.3	+0257	10.4	1
4643	1240.8	+0215	10.6	42
4684	1244.7	-0228	11.6	4
4691	1245.6	-0304	12.0	44
4697	1246.0	-0532	9.6	1
4699	1246.5	-0824	9.3	16
4753	1249.8	-0055	10.8	8
4762	1250.4	+1131	11.0	8
4866	1257.0	+1427	11.4	11
4941	1301.6	-0517	12.5	10
5364	1353.7	+0515	12.7	32
5566	1417.8	+0411	10.4	43

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