

## Astronomical League Dark Nebulae Program

You must log or image 35 of these objects in addition to the 35 required objects.

Name	Cons	RA h m s	Dec	Size/Dia	Notes	SkyAtlas 2000-2 <sup>nd</sup>	Uranometria 1st ed (1)	Uranometria 2nd ed	Millennium
B 137	Aql	19h 16 0	- 1° 19	8 x 8		16 N	251 N (2)	105	III: 1293
LDN 582	Aql	18h 52 36	-01° 56	60 x 10		16, 15	250, 251	105	III: 1294
LDN 617	Aql	18h 57 30	+01° 04	50 x 10		16, 15	251, 250	105	III: 1294
B 335	Aql	19h 36 54	+ 7° 36	5 x 3	LDN 663 in S.A. 2000	16	207	85	III: 1268
B 139	Aql	19h 18 0	- 1° 24	11 x 2		16	251	105	III: 1293
B 138	Aql	19h 16	+ 0° 13	140 x 140		16 N	251 N	105	III: 1293
B 337	Aql	19h 37 0	+12° 23	3 x 3		16	207	85	III: 1244
B 136	Aql	19h 8 49	- 4° 0	11 x 11		16	251	105	III: 1317
B 135	Aql	19h 7 32	- 3° 55	17 x 4		16	251	105	III: 1317
B 132	Aql	19h 4 27	- 4° 25	11 x 4		16	251	105	III: 1317
B 130	Aql	19h 1 56	- 5° 34	5 x 3		16	296, 251	105	III: 1317
B 129	Aql	19h 2 4	- 5° 18	7 x 4		16	251, 296	105	III: 1317
B 127	Aql	19h 1 31	- 5° 26	7 x 6		16	251, 296	105	III: 1317
B 334	Aql	19h 35 6	+12° 19	4 x 2		16	207	85	III: 1244
B 26	Aur	04h 54 38	+30° 37	5 x 3		5 N	96 N	59	I: 137 N
B 226	Aur	05h 36 34	+33° 42	20 x 20		5 N	97 N	59	I: 113
B 29	Aur	05h 6 23	+31° 35	9 x 4		5	97	59	I: 136
B 28	Aur	04h 55 52	+30° 38	4 x 2		5 N	96 N	59	I: 137 N
B 27	Aur	04h 55 8	+30° 33	5 x 3		5 N	96 N	59	I: 137 N
B 152	Cep	21h 14 29	+61° 44	7 x 4		3	33, 56	19	III: 1073
B 150	Cep	20h 50 39	+60° 18	60 x 60		3	56, 32	20	III: 1074
B 174	Cep	22h 7 19	+59° 4	10 x 6		3	57	19	III: 1072
B 173	Cep	22h 7 28	+59° 40	4 x 2		3	57	19	III: 1072

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Name	Cons	RA h m s	Dec	Size/Dia	Notes	SkyAtlas 2000-2 <sup>nd</sup>	Uranometria 1st ed (1)	Uranometria 2nd ed	Millennium
B 170	Cep	21h 58 2	+58° 57	10 x 5		3	57	19	III: 1072
B 169	Cep	21h 58 52	+58° 45	60 x 60		3	57	19	III: 1072
B 163	Cep	21h 42 10	+56° 42	5 x 2		3, 9	57	19	III: 1087
B 162	Cep	21h 41 9	+56° 19	14 x 9		3, 9	57	19	III: 1087
Be 157	CrA	19h 04 00	-37° 10	60 x 30		22	379, 378	163	III: 1434
LDN 889	Cyg	20h 24 48	+40° 10	180 x 20		9, 8	85	48, 32	III: 1128
B 362	Cyg	21h 23 57	+50° 12	11 x 5		9, 3	56, 86	32	III: 1105
B 343	Cyg	20h 13 26	+40° 16	10 x 7		9, 8	84	48, 32	III: 1128
B 164	Cyg	21h 46 31	+51° 5	17 x 17		9	57	31, 19	III: 1087
B 228	Lup	15h 44	-34° 30	310 x 80		21, 22	374, 373	165	II: 905
SL 7	Lup	16h 01 48	-41° 52	160x 10		22, 21	406	182	III: 1462
SL 11	Lup	15h 57 00	-37° 48	40 x 5		21, 22	374	165	II: 905
B 59	Oph	17h 11 23	-27° 29	50 x 50		22 N	337, 376	146	III: 1417 N
B 66	Oph	17h 19 57	-26° 53	12 x 2		22	337, 338, 376	146	III: 1395 N
B 45	Oph	16h 46	-21° 35	120 x 60		22	336, 337	146	III: 1396
B 268	Oph	17h 31	-20° 30	60 x 60		22	338	146	III: 1370
B 83a	Oph	17h 45 18	-20° 10	4 x 2		22, 15	338	146	III: 1369
B 62	Oph	17h 16 12	-20° 52	18 x 10		22	337, 338	146	III: 1371
B 67a	Oph	17h 22 30	-21° 53	11 x 7		22	338, 337	146	III: 1394
B 60	Oph	17h 11 51	-22° 26	9 x 6		22	337	146	III: 1395
B 262	Oph	17h 25	-22° 36	30 x 30		22	338	146	III: 1394
B 261	Oph	17h 25 4	-23° 2	8 x 8		22	338	146	III: 1394
B 259	Oph	17h 22 1	-19° 17	20 x 20		22, 15	338, 337	146	III: 1370
B 256	Oph	17h 22 12	-28° 49	40 x 40		22	376, 337, 338	146	III: 1417

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Name	Cons	RA h m s	Dec	Size/Dia	Notes	SkyAtlas 2000-2 <sup>nd</sup>	Uranometria 1st ed (1)	Uranometria 2nd ed	Millennium
B 72	Oph	17h 23 35	-23° 37	27 x 15	Snake Nebula	22	338, 337	146	III: 1394
B 69	Oph	17h 22 55	-23° 55	3 x 1		22	338, 337	146	III: 1394
B 68	Oph	17h 22 36	-23° 47	5 x 3		22	338, 337	146	III: 1394
B 67	Oph	17h 20 57	-26° 51	12 x 4		22	338, 337	146	III: 1394
B 77	Oph	17h 28	-23° 51	85 x 85		22	338	146	III: 1394
B 65	Oph	17h 19 36	-26° 42	10 x 4		22	337, 338, 376	146	III: 1395
B 33	Ori	05h 40 52	- 2° 27	4 x 6	The Horsehead	11, B2	226, 225	116	I: 253
B 35	Ori	05h 45 30	+ 9° 3	12 x 12		11	181	96	I: 205
B 32	Ori	05h 32 8	+12° 25	6 x 3		11	180 N	96	I: 206
B 31	Ori	05h 32 1	+12° 45	30 x 30		11	180 N	96	I: 206
B 30	Ori	05h 30 16	+12° 46	70 x 60		11	180 N	96	I: 206
B 36	Ori	05h 49	+ 7° 25	120 x 120		11 N	181 N	96	I: 229 N
B 4	Per	03h 44 2	+31° 47	45 x 45		4 N	95 N	60	I: 140
B 5	Per	03h 47 53	+32° 53	60 x 60		4 N	95 N	60	I: 140
B 3	Per	03h 40 1	+31° 58	20 x 20		4 N	95 N	60	I: 140
B 287	Sco	17h 54 26	-35° 11	28 x 22		22	377	164	III: 1437
B 48	Sco	17h 1	-40° 41	28 x 6		22	407	164, 181, A22	III: 1460
B 50	Sco	17h 2 54	-34° 23	13 x 11		22	376, 375	164	III: 1440
B 55	Sco	17h 7 33	-32° 0	16 x 6		22	376	164	III: 1417
B 56	Sco	17h 8 48	-32° 5	6 x 3		22 N	376	164	III: 1417
B 231	Sco	16h 38 24	-35° 25	35 x 12		22	375	165, 164	III: 1441
B 233	Sco	16h 44 45	-35° 24	22 x 15		22	375	164	III: 1440
B 240	Sco	16h 59 17	-35° 21	6 x 5		22 N	375 N	164	III: 1440
B 242	Sco	17h 5 6	-32° 25	20 x 14		22 N	376 N	164	III: 1418

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Name	Cons	RA h m s	Dec	Size/Dia	Notes	SkyAtlas 2000-2 <sup>nd</sup>	Uranometria 1st ed (1)	Uranometria 2nd ed	Millennium
B 283	Sco	17h 51	-33° 52	40 x 8		22	377	164, A20	III: 1437
B 117	Sct	18h 53 42	- 7° 24	2 x 1		16, 15	295, 296	125, A14	III: 1318
B 118	Sct	18h 53 55	- 7° 26	4 x 2		16, 15	295, 296	125, A14	III: 1318
B 97	Sct	18h 29 5	- 9° 55	55 x 55		15, 16	295, 294	126	III: 1343
B 95	Sct	18h 25 35	-11° 44	45 x 45		15, 16	295, 294	126	III: 1343
B 115	Sct	18h 53 19	- 6° 39	6 x 2		16, 15	295, 296	125, A14	III: 1318
B 312	Sct	18h 32	-15° 34	75 x 75		15, 16	295, 340	126, 125	III: 1367
B 104	Sct	18h 47 19	- 4° 32	12 x 4		16, 15	250	105, A14	III: 1318
B 116	Sct	18h 53 32	- 7° 10	15 x 15		16, 15	295, 296	125, A14	III: 1318
B 114	Sct	18h 53 11	- 6° 56	7 x 4		16, 15	295, 296	125, A14	III: 1318
B 110	Sct	18h 50 8	- 4° 47	15 x 7		16, 15	250	105, A14	III: 1318
B 112	Sct	18h 51 8	- 6° 40	14 x 14		16, 15	295	125, A14	III: 1318
B 108	Sct	18h 49 34	- 6° 18	3 x 3		16, 15	295	125, A14	III: 1318
B 101	Sct	18h 32 40	- 8° 48	11 x 4		15, 16	295	126, 125	III: 1343
B 100	Sct	18h 32 41	- 9° 8	16 x 10		15, 16	295	126, 125	III: 1343
B 320	Sct	18h 52 47	- 5° 51	25 x 25		16, 15	295, 250, 251, 296	105, A14, 125	III: 1318
B 314	Sct	18h 37 4	- 9° 42	28 x 28		16, 15	295	125, 126	III: 1343
LDN 557	Ser	18h 38 36	-01° 47	60 x10		16, 15	250	105 , 106	III: 1295
B 295	Sgr	18h 4 5	-31° 9	35 x 35		22 N	377 N	163	III: 1415
B 87	Sgr	18h 4 10	-32° 29	28 x 12	Parrot's Head Nebula	22	377	163	III: 1415
B 84a	Sgr	17h 57 37	-17° 40	14 x 14		15, 22	339, 294	146, 145, 126	III: 1369
B 289	Sgr	17h 56 36	-29° 1	16 x 16		22 N	377 N	146, 145, 163, 164	III: 1415
B 84	Sgr	17h 46 25	-20° 15	25 x 13		22, 15	338	146	III: 1369
B 303	Sgr	18h 9 28	-23° 59	2 x 2		22	339	145, A17	III: 1392

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B 296	Sgr	18h 4 4	-24° 31	4 x 4		22 N	339	145, A17	III: 1392 N
B 90	Sgr	18h 10 14	-28° 16	3 x 2		22	377, 339	145	III: 1415
B 88	Sgr	18h 4 35	-24° 6	3 x 0.5		22 N	339	145, A17	III: 1392 N
B 89	Sgr	18h 4 59	-24° 21	2 x 2		22 N	339	145, A17	III: 1392 N
B 214	Tau	04h 21 55	+28° 32	5 x 2		5 N	133 N	78	I: 138
B 215	Tau	04h 23 34	+25° 2	20 x 10		5 N	133 N	78	I: 161
B 7	Tau	04h 17 25	+28° 33	60 x 60		5 N	133 N	78	I: 139
B 10	Tau	04h 18 41	+28° 16	8 x 8		5 N	133 N	78	I: 139 N
B 211	Tau	04h 17 12	+27° 48	30 x 30		5 N	133 N	78	I: 139
B 213	Tau	04h 21 10	+27° 3	28 x 28		5 N	133 N	78	I: 139

(1) The Chart information is from the Uranometria printed in 1996. Earlier printings may not have all the objects charted or labeled

(2) An "N" after the chart number indicates these nebulae are not drawn and/or labeled on the chart