

Required Objects for the Dark Nebulae Observing Program

You must log or Image all 35 of these objects

Name	Cons	RA h m s	Dec	Size/Dia	Notes	NE-B-T (1)	SkyAtlas 2000-2nd	Uranometria 1st ed (2)	Uranometria 2nd ed	Millennium
The Great Rift					Cygnus to Centaurus	NE	N	N	N	N
B 142	Aql	19h 39 41	+10° 31	40 x 40	B142/3 Barnard's famous "E" cloud	B	16	207	85	III: 1243
B 143	Aql	19h 41 25	+11° 0	26 x 15	B142/3 Barnard's famous "E" cloud	B	16	207	85	III: 1243
B 34	Aur	05h 43 30	+32° 38	20 x 20	West of M37	B	5	98, 97	59	I: 135
B 160	Cep	21h 37 58	+56° 13	30 x 30	On South Side of IC 1396, LDN1088	B	3, 9	57	19	III: 1087
B 161	Cep	21h 40 22	+57° 49	3X13	On North side of IC 1396	T	3	57	19	III: 1073
B 171	Cep	22h 1 18	+58° 52	90 X 90	With B160 and B170	B	3	57	19	III: 1072
B 365	Cep	21h 34 53	+56° 43	15 x 22	On South Side of IC 1396, LDN 1090	T	3, 9	57	19	III: 1087
B 144	Cyg	19h 58	+35° 20	360 x 180	Fish on the Platter	NE,B	8 N	119 N	48	III: 1149
B 145	Cyg	20h 2 49	+37° 40	15 x 45		B, T	9, 8	119	48	III: 1149
B 168	Cyg	21h 53 20	+47° 16	100 x 15	Leads to and surrounds the Cocoon (IC 5146)	B, T	9	86	31	III: 1104
B 352	Cyg	20h 57 10	+45° 53	19 x 19	North of the North American Nebula	B, T	9	85	32, A1	III: 1106
B 353	Cyg	20h 57 22	+45° 28	12 x 8	In North American Nebula	B, T	9 N	85	32, A1	III: 1106
B 361	Cyg	21h 12 45	+47° 25	21 x 21	Near IC 1369	B	9	86, 85	32	III: 1106
LDN 935	Cyg	20h 56 48	+43° 52	90 x 20	Wide lane separating the North American and Pelican nebula	B, T	9	85	32	III: 1126
LG3	Cyg	21h 00	+53°	12°	Funnel Cloud Nebula; North of Deneb	NE	9 N	56 N	19 N	III: 1088 N
Northern Coalsack	Cyg	20h 40 00	+42°	6°	Northern Coalsack, between Alpha, Eta and Epsilon. B 346, 348 are within it	NE	9 N	85 N	32	III: 1127
B 37	Mon	06h 32	+10° 28	150 x 60	Northwest of NGC 2264 complex	B	11 N	182 N	96	I: 203 N
B 44	Oph	16h 40	-24° 4	35 x 600	A Large Rift	NE	22	336, 337	147, 146	III: 1397
B 64	Oph	17h 17 18	-18° 29	10 x 6	West of M9, causes darkening of M9	S,B	22, 15	337, 338	146	III: 1371
B 78	Oph	17h 32	-25° 35	180 x 180	Bowl of the Pipe Nebula	NE	22	338, 376	146	III: 1394

Stem	Oph	17h 21	-27° 23	300 x 60	Stem of the Pipe Nebula, B 59, B66, B67, B65 are embedded in it	NE	22	337, 338	146 N	III: 1417
Fish's Mouth	Ori	05h 35	-05° 27		Edge of M42 by M43	T	11 N	225	116 N	I: 278 N
Flame	Ori	05h 41.9	-01° 51		In NGC 2024	T	11 N	226	116 N	I: 253 N
B 275	Sco	17h 38 59	-32° 19	13 x 13	West edge of M6	B	22 N	376 N	164, A20	III: 1416
B 103	Sct	18h 39 25	- 6° 40	5 x 3	On NW side of Scutum Star Cloud	B, T	16, 15	295, 250	125, 126	III: 1319
B 111	Sct	18h 50	- 4° 57	120 x 120	Large dark nebula with other Barnard's nested in it	NE, B	16, 15	250, 251, 295	105, A14	III: 1318
B 119a	Sct	18h 54 39	- 5° 10	30 x 30	East of B111	B	16 N	250, 251, 295, 296	105, A14	III: 1318
B 85	Sgr	18h 2 25	-23° 1	7 x 5	Dark Lanes inside the Trifid Nebula (M20)	T	22	339	145, 146, A17	III: 1392
B 86	Sgr	18h 3 1	-27° 52	5 x 3	Ink Spot Nebula, near NGC 6520	T	22	339, 377	145, 146	III: 1415
B 92	Sgr	18h 15 35	-18° 13	12 x 8	On NW edge of Small Sagittarius Star Cloud	T	15, 16, 22	339	145	III: 1368
B 93	Sgr	18h 16 53	-18° 3	9 x 5	NE of B92	T	15, 16, 22	339	145	III: 1368
Lagoon	Sgr	18h 04	-24° 15	2 x 20	The large dark lagoon in M8, NOT B88 or B89 or B296	T	22	339 N	145 N	III: 1392 N
Swan's neck	Sgr	18h 21	-16° 15		Embedded in M17 - forms the inside curve of the neck of the Swan	T	15	294 N	126 N	III: 1367 N
B 22	Tau	04h 38	+26° 3	100 x 100	Taurus Dark Cloud	B, T	5 N	134 N	78	I: 162

(1)Recommended: T - Telescopic, B - Binocular, NE - Naked Eye

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

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

Revised 01/14/2012: minor wording change