

COLLINDER CATALOGUE OF STAR CLUSTERS



COLLINDER CATALOGUE							
Col #	NGC/Other Cat.	Constellation	RA	DEC	Mag	# Stars	Size '
COL 1	103	Cassiopeia	00:25:17	60:19:19	9.8	30	5
COL 2	129	Cassiopeia	00:29:54	60:12:35	6.5	20	21
COL 3	133	Cassiopeia	00:31:16	63:21:10	9.4	20	7
COL 4	136	Cassiopeia	00:31:30	61:30:34	11.3	20	1.2
COL 5	146	Cassiopeia	00:33:03	63:18:33	9.1	20	6
COL 6	188	Cepheus	00:47:29	85:14:29	8.1	120	13
COL 7	225	Cassiopeia	00:43:32	61:47:25	7	18	12
COL 8	IC1590	Cassiopeia	00:52:59	56:37:19	7.4		25x30
COL 9	366	Cassiopeia	01:06:25	62:13:44	12	30	3
COL 10	381	Cassiopeia	01:08:14	61:35:00	9.3	38	6
COL 11	436	Cassiopeia	01:15:57	58:49:02	8.8	25	5
COL 12	457	Cassiopeia	01:19:32	58:17:27	6.4	40	13
COL 13	559	Cassiopeia	01:29:29	63:18:30	9.5	35	4.4
COL 14	581 (M103)	Cassiopeia	01:33:21	60:39:29	7.4	25	6
COL 15		Cassiopeia	01:35:42	61:17:00	8.1	20	7.4
COL 16	609	Cassiopeia	01:36:23	64:32:12	11	100+	3
COL 17	637	Cassiopeia	01:43:03	64:02:12	8.2	11	3.5
COL 18	654	Cassiopeia	01:43:59	61:52:58	6.5	30	5
COL 19	659	Cassiopeia	01:44:23	60:40:09	7.9	15	5
COL 20	663	Cassiopeia	01:46:16	61:13:06	7.1	60	16
COL 21		Triangulum	01:50:12	27:05:00	7.3	15	7
COL 22	744	Perseus	01:58:29	55:28:29	7.9	12	11
COL 23	752	Andromeda	01:57:47	37:51:00	5.7	50	50
COL 24	869	Perseus	02:19:03	57:08:06	5.3	250	29
COL 25	884	Perseus	02:22:32	57:08:39	6.1	200	29
COL 26	Mel 15 (IC1805)	Cassiopeia	02:32:42	61:27:00	7.9	25	22
COL 27	956	Andromeda	02:32:30	44:35:37	8.9	20	7
COL 28	957	Perseus	02:33:19	57:34:11	7.6	18	11
COL 29	Tr.2	Perseus	02:37:18	55:59:00	5.9	18	20
COL 30	1027	Cassiopeia	02:42:35	61:35:40	6.7	40	20
COL 31	1039 (M34)	Perseus	02:42:07	42:44:46	5.2	60	35
COL 32	IC1848	Cassiopeia	02:51:12	60:26:00	6.5	20	12
COL 33	IC1848	Cassiopeia	02:59:18	60:24:00	5.9	100	39
COL 34	IC1848	Cassiopeia	03:00:54	60:25:00	6.8	60	25
COL 35	1193	Perseus	03:05:55	44:22:59	12.6	40	1.5
COL 36	Tr.3	Cassiopeia	03:11:48	63:15:00	7	30	23
COL 37	1220	Perseus	03:11:40	53:20:54	11.8	15	2
COL 38	1245	Perseus	03:14:41	47:14:20	8.4	65	10
COL 39	Mel 20 (PMC)	Perseus	03:22:00	49:00:00	1.2	60	185
COL 40	1342	Perseus	03:31:40	37:22:28	6.7	30	14
COL 41	IC348	Perseus	03:44:30	32:17:00	7.3	10	7
COL 42	M45	Taurus	03:47:00	24:07:00	1.2	100	110
COL 43	1444	Perseus	03:49:22	52:39:44	6.6	7	4
COL 44	1496	Perseus	04:04:31	52:39:41	9.6	10	6
COL 45	1502	Camelopardalis	04:07:49	62:19:54	6.9	15	7
COL 46	1513	Perseus	04:09:54	49:31:02	8.4	40	9
COL 47	1528	Perseus	04:15:18	51:12:41	6.4	50	23
COL 48	IC361	Camelopardalis	04:19:00	58:18:00	11.7	60	6
COL 49	1545	Perseus	04:20:56	50:15:19	6.2	18	18
COL 50	Mel 25 (TMC)	Taurus	04:27:00	16:00:00	0.5	36	330
COL 51	1582	Perseus	04:32:00	43:50:53	7	60	37
COL 52	1605	Perseus	04:34:54	45:16:11	10.7	40+	5
COL 53	1624	Perseus	04:40:36	50:27:42	11.8	12	5x5
COL 54	1647	Taurus	04:45:55	19:06:42	6.4	60	45
COL 55	1662	Orion	04:48:28	10:55:49	6.4	14	20
COL 56	1664	Auriga	04:51:08	43:40:28	7.6	30	18
COL 57	1746	Taurus	05:03:50	23:46:04	6.1	70	42
COL 58	1778	Auriga	05:08:05	37:01:22	7.7	15	6
COL 59	1807	Taurus	05:10:41	16:31:52	7	18	17
COL 60	1817	Taurus	05:12:26	16:41:03	7.7	85	16
COL 61	1857	Auriga	05:20:05	39:20:37	7	40	5
COL 62		Auriga	05:22:30	41:00:00	4.2	15	28
COL 63	1893	Auriga	05:22:45	33:25:13	7.5	30	11
COL 64	1883	Auriga	05:25:54	46:29:25	12	12	2.5
COL 65	nl	Taurus	05:25:05	15:41:59	3	30	220
COL 66	1907	Auriga	05:28:04	35:19:32	8.2	8	6
COL 67	1912 (M38)	Auriga	05:28:42	35:51:18	6.4	120	21
COL 68	1931	Auriga	05:31:25	34:14:42	10.1	20	4x4
COL 69	Orion Cluster	Orion	05:35:28	09:56:28	2.8	25	70
COL 70	Orion Belt	Orion	05:35:36	-01:05:00	0.6	125	140
COL 71	1960 (M36)	Auriga	05:36:17	34:08:27	6	60	12
COL 72	1980	Orion	05:35:25	-05:54:35	2.5	12	14x14

COLLINDER CATALOGUE							
Col #	NGC/Other Cat.	Constellation	RA	DEC	Mag	# Stars	Size '
COL 73	1981	Orion	05:35:09	-04:25:30	4.2	13	25
COL 74		Orion	05:48:30	07:24:00	14.4	12	5
COL 75	2099 (M37)	Auriga	05:52:18	32:33:11	5.6	250	23
COL 76	2112	Orion	05:53:45	00:24:39	9.1	45	11
COL 77	2129	Gemini	06:01:06	23:19:20	6.7	20	6
COL 78	2126	Auriga	06:02:33	49:51:57	10.2	18	6
COL 79	2141	Orion	06:02:55	10:26:47	9.4	100	10
COL 80	Tr.4	Gemini	06:05:00	24:00:00	8.4	15	6
COL 81	2158	Gemini	06:07:25	24:05:46	8.6	100+	5
COL 82	2168 (M35)	Gemini	06:08:55	24:21:28	5.1	175	28
COL 83	2169	Orion	06:08:24	13:57:53	5.9	8	6
COL 84	2175	Orion	06:09:39	20:29:15	6.8	16	40x30
COL 85	2186	Orion	06:12:07	05:27:31	8.7	10	4
COL 86	2192	Auriga	06:15:17	39:51:19	10.9	45	5
COL 87	2194	Orion	06:13:45	12:48:24	8.5	35	10
COL 88	2204	Canis Major	06:15:32	-18:39:57	8.6	65	12
COL 89	9-12 Gem	Gemini	06:18:00	23:38:00	5.7	20	60
COL 90	2215	Monoceros	06:20:49	-07:17:02	8.4	22	11
COL 91		Monoceros	06:21:42	02:22:00	6.4	20	17
COL 92		Monoceros	06:22:54	05:07:00	8.6	30	11
COL 93	2232	Monoceros	06:27:15	-04:50:51	4.2	18	29
COL 94	2236	Monoceros	06:29:39	06:49:50	8.5	18	6
COL 95		Monoceros	06:30:30	09:56:00		10	27
COL 96		Monoceros	06:30:18	02:52:00	7.3	12	7
COL 97		Monoceros	06:31:18	05:55:00	5.4	9	21
COL 98	2243	Canis Major	06:29:34	-31:16:53	9.4	100	5
COL 99	2244	Monoceros	06:31:55	04:56:35	4.8	18	24
COL 100	2250	Monoceros	06:33:49	-05:05:04	8.9	10	7
COL 101	2251	Monoceros	06:34:38	08:21:59	7.3	20	10
COL 102	2252	Monoceros	06:34:42	05:21:59	7.7	10	20
COL 103	2254	Monoceros	06:35:49	07:40:24	9.1	20	4
COL 104		Monoceros	06:36:30	04:49:00	9.6	15	21
COL 105	Tr.5	Monoceros	06:37:36	09:26:00	10.9	20	8
COL 106		Monoceros	06:37:06	05:57:00	4.6	23	45
COL 107		Monoceros	06:37:42	04:44:00	5.1	30	35
COL 108	2259	Monoceros	06:38:21	10:53:01	10.8	25	4.5
COL 109	2262	Monoceros	06:39:38	01:08:37	11.3	35	3.5
COL 110		Monoceros	06:38:24	02:01:00	10.5	60	12
COL 111		Monoceros	06:38:42	06:54:00	7	8	3.2
COL 112	2264	Monoceros	06:40:58	09:53:44	4.1	45	20
COL 113	2266	Gemini	06:43:19	26:58:10	9.5	50	6
COL 114	2269	Monoceros	06:43:17	04:37:28	10	6	4
COL 115		Monoceros	06:46:30	01:46:00	9.2	25	7
COL 116	2281	Auriga	06:48:17	41:04:44	5.4	23	14
COL 117	2286	Monoceros	06:47:40	-03:08:52	7.5	50	14
COL 118	2287 (M41)	Canis Major	06:46:00	-20:46:00	4.5	160	38
COL 119	2301	Monoceros	06:51:45	00:27:33	6	60	12
COL 120	2304	Gemini	06:55:11	17:59:19	10	30	5
COL 121		Canis Major	06:54:12	-24:38:00	2.6	20	50
COL 122	2309	Monoceros	06:56:03	-07:10:28	10.5	14	3
COL 123	2311	Monoceros	06:57:47	-04:36:41	9.6	20	6
COL 124	2323 (M50)	Monoceros	07:02:42	-08:23:26	5.9	45	16
COL 125	2324	Monoceros	07:04:07	01:02:41	8.4	50	7
COL 126	2331	Gemini	07:06:59	27:15:42	8.5	20	18
COL 127	2335	Monoceros	07:06:49	-10:01:43	7.2	40	12
COL 128	2343	Monoceros	07:08:06	-10:37:01	6.7	12	6
COL 129	2345	Canis Major	07:08:18	-13:11:38	7.7	45	12
COL 130	2353	Monoceros	07:14:30	-10:15:57	7.1	60	20
COL 131	2354	Canis Major	07:14:15	-25:41:33	6.5	30	20
COL 132		Canis Major	07:14:24	-31:10:00	3.6	18	95
COL 133	2355	Gemini	07:16:59	13:44:59	9.7	30	9
COL 134	2360	Canis Major	07:17:43	-15:38:29	7.2	50	12
COL 135		Puppis	07:17:18	-36:50:00	2.1	16	50
COL 136	2362	Canis Major	07:18:41	-24:57:15	3.8	20	8
COL 137	2367	Canis Major	07:20:04	-21:53:03	7.9	30	3.5
COL 138	2368	Monoceros	07:21:06	-10:22:18	11.8	15	5
COL 139	2374	Canis Major	07:23:56	-13:15:48	8	40	19
COL 140		Canis Major	07:23:54	-32:12:00	3.5	15	42
COL 141	2383	Canis Major	07:24:39	-20:56:51	8.4	25	5
COL 142	2384a	Canis Major	07:25:11	-21:01:24	7.4	15	2.5
COL 143	2384b	Canis Major	07:25:11	-21:01:24			
COL 144	2395	Gemini	07:27:12	13:36:29	8	22	12

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Col #	NGC/Other Cat.	Constellation	RA	DEC	Mag	# Stars	Size '
COL 145	Tr.6	Canis Major	07:26:06	-24:18:00	10	20	6
COL 146	Tr.7	Puppis	07:27:18	-24:02:00	7.9	12	5
COL 147	Mel.66	Puppis	07:26:23	-47:40:00	7.8	200	10
COL 148	2396	Puppis	07:28:02	-11:43:11	7.4	40	10
COL 149	2401	Puppis	07:29:24	-13:57:58	12.6	20	2
COL 150	2414	Puppis	07:33:12	-15:27:14	7.9	35	4
COL 151	2421	Puppis	07:36:11	-20:36:44	8.3	28	10
COL 152	2422 (M47)	Puppis	07:36:35	-14:28:57	4.4	50	29
COL 153	2423	Puppis	07:37:06	-13:52:17	6.7	40	19
COL 154	2420	Gemini	07:38:23	21:34:27	8.3	100+	10
COL 155	Mel.71	Puppis	07:37:30	-12:04:00	7.1	60	9
COL 156	Mel.72	Monoceros	07:38:24	-10:41:00	10.1	24	9
COL 157	2432	Puppis	07:40:53	-19:05:09	10.2	50+	7
COL 158	2439	Puppis	07:40:45	-31:41:33	6.9	26	10
COL 159	2437 (M46)	Puppis	07:41:46	-14:48:36	6.1	125	27
COL 160	2447 (M93)	Puppis	07:44:29	-23:51:11	6.2	80	22
COL 161	2451	Puppis	07:45:15	-37:58:03	2.8	35	45
COL 162	2453	Puppis	07:47:34	-27:11:41	8.3	10	5
COL 163	2455	Puppis	07:48:58	-21:17:53	10.2	20	7
COL 164	2467	Puppis	07:52:29	-26:25:48	7.1	20	15
COL 165	2477	Puppis	07:52:09	-38:32:00	5.8	300	27
COL 166	2482	Puppis	07:55:10	-24:15:17	7.3	28	12
COL 167	Tr.8	Puppis	07:55:04	-17:42:35	9.6	30	7
COL 168	Tr.9	Puppis	07:55:18	-25:56:00	8.7	14	5
COL 169	2489	Puppis	07:56:15	-30:03:51	7.9	60	8
COL 170	2506	Monoceros	08:00:01	-10:46:11	7.6	80	8
COL 171	2509	Puppis	08:00:47	-19:03:02	9.3	30	8
COL 172	2516	Carina	07:58:07	-60:45:12	3.8	70	29
COL 173		Vela	08:02:49	-46:23:00	0.6	70	370
COL 174	2527	Puppis	08:04:58	-28:08:48	6.5	40	22
COL 175	2533	Puppis	08:07:04	-29:53:02	7.6	30	3.5
COL 176	2539	Puppis	08:10:37	-12:49:09	6.5	65	21
COL 177	2547	Vela	08:10:10	-49:13:32	4.7	40	20
COL 178	2546	Puppis	08:12:15	-37:35:39	6.3	40	40
COL 179	2548 (M48)	Hydra	08:13:43	-05:45:02	5.8	90	54
COL 180	2567	Puppis	08:18:29	-30:38:44	7.4	40	10
COL 181	2571	Puppis	08:18:56	-29:44:57	7	20	13
COL 182	2579	Puppis	08:20:53	-36:13:02	7.5	14	10
COL 183	2580	Puppis	08:21:27	-30:17:36	9.7	25	7
COL 184	2587	Puppis	08:23:24	-29:30:31	9.2	18	9
COL 185		Puppis	08:22:30	-36:10:00	7.8	15	8
COL 186	2588	Puppis	08:23:09	-32:58:31	11.8	20+	2
COL 187		Puppis	08:24:12	-29:09:00	9.6	20	7
COL 188	2627	Pyxis	08:37:14	-29:57:01	8.4	30	11
COL 189	2632 (M44)	Cancer	08:40:22	19:40:19	3.1	60	95
COL 190	2635	Pyxis	08:38:26	-34:46:18	11.2	15	3
COL 191	IC2391	Vela	08:40::21	-53:05:21	2	15	60
COL 192	IC2395	Vela	08:42:31	-48:06:30	4	19	7
COL 193	2660	Vela	08:42:38	-47:12:02	8.8	70	4
COL 194	2659	Vela	08:42:33	-45:00:02	8.6	35	2.7
COL 195	2658	Pyxis	08:43:27	-32:39:22	9.2	40	12
COL 196		Pyxis	08:45:00	-31:38:00	10.5	12	5
COL 197		Vela	08:44:51	-41:14:00	6.7	14	40
COL 198		Pyxis	08:45:18	-31:46:00	11.2		5
COL 199	2669	Vela	08:46:19	-52:56:06	6.1	25	12
COL 200	2670	Vela	08:45:29	-48:47:30	7.8	25	9
COL 201	2671	Vela	08:46:11	-41:52:38	11.6	40	4
COL 202	Harv.3	Vela	08:46:30	-52:54:00	6.1	22	12
COL 203	Tr.10	Vela	08:47:54	-42:27:00	5	18	29
COL 204	2682 (M67)	Cancer	08:51:20	11:48:43	6.9	90	29
COL 205	Markarian 18	Vela	09:00:32	-48:59:06	7.8	8	5
COL 206	2818	Pyxis	09:16:01	-36:37:37	8.2	25	9
COL 207	2849	Vela	09:19:22	-40:31:13	12.5	40	2.3
COL 208	IC2488	Vela	09:27:45	-57:40:08	7.4	70	18
COL 209	2910	Vela	09:30:29	-52:54:50	7.2	15	5
COL 210	2925	Vela	09:33:10	-53:23:45	8.3	30	12
COL 211	2972	Vela	09:40:11	-50:19:15	9.9	25	4
COL 212	3033	Vela	09:48:39	-56:24:42	8.8	50	5
COL 213		Vela	09:54:35	-50:55:11	9.2	21	17
COL 214	3105	Vela	10:00:39	-54:47:15	9.7	20	2
COL 215	3114	Carina	10:02:42	-60:06:32	4.2	100	35
COL 216	Tr.11	Carina	10:04:58	-61:36:54	8.1	15	5

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Col #	NGC/Other Cat.	Constellation	RA	DEC	Mag	# Stars	Size '
COL 217	Tr.12	Carina	10:06:29	-60:18:00	8.8	12	4
COL 218	3228	Vela	10:21:22	-51:43:57	6	22	5
COL 219	Tr.13	Carina	10:23:49	-60:08:14	11.3	40	5
COL 220	(incorrectly) 3247	Carina	10:25:52	-57:55:35	7.6	18	6
COL 221	3255	Carina	10:26:31	-60:40:42	11	30	2
COL 222	IC2581	Carina	10:27:36	-57:40:13	4	14	7
COL 223		Carina	10:30:24	-60:05:00	9.4	30	9
COL 224	3293	Carina	10:35:53	-58:14:10	4.7	93	5
COL 225	3324	Carina	10:37:18	-58:39:36	6.7	44	5
COL 226	3330	Vela	10:38:47	-54:06:56	7.4	20	6
COL 227	Mel.101	Carina	10:42:12	-65:06:00	8	70	16
COL 228		Carina	10:42:04	-59:55:00	4.4	50	14
COL 229	IC2602	Carina	10:43:23	-64:26:13	1	24	100
COL 230	Tr.14	Carina	10:43:56	-59:33:00	5.5	44	5
COL 231	Tr.15	Carina	10:44:43	-59:22:00	7	15	15
COL 232		Carina	10:44:59	-59:33:00	6.8	15	4
COL 233	eta Car cluster (Tr 16)	Carina	10:45:16	-59:43:17	5	40	10
COL 234	Tr 16	Carina	10:45:21	-59:45:00	5	18	3
COL 235	Tr.17	Carina	10:56:24	-59:12:00	8.4	25	5
COL 236		Carina	10:57:17	-61:06:36	7.7	30	10
COL 237	3496	Carina	10:59:33	-60:20:12	8.2	45	9
COL 238	3532	Carina	11:05:47	-58:46:13	3	135	55x50
COL 239	3572	Carina	11:10:19	-60:14:54	6.6		6
COL 240		Carina	11:10:19	-60:14:54		20	
COL 241	Tr.18	Carina	11:11:28	-60:40:00	6.9	10	6
COL 242	3590	Carina	11:12:59	-60:47:20	8.2	15	4
COL 243	Tr.19	Carina	11:15:07	-57:33:00	9.6	40	10
COL 244	3603	Carina	11:15:06	-61:15:40	9.1	44	2.5
COL 245	IC2714	Carina	11:18:08	-62:44:21	8	120	15
COL 246	Mel.105	Carina	11:19:42	-63:29:00	8.5	40	5
COL 247	3680	Centaurus	11:25:37	-43:15:00	7.6	25	12
COL 248	3766	Centaurus	11:36:14	-61:36:36	5.3	137	12
COL 249		Centaurus	11:36:52	-63:04:24	4	25	65
COL 250	3960	Centaurus	11:50:33	-55:40:35	8.3	60	6
COL 251	4052	Crux	12:02:05	-63:13:24	8.8	60	10
COL 252	4103	Crux	12:06:39	-61:15:00	7.4	20	6
COL 253	4230	Centaurus	12:17:09	-55:17:10	9.4	15	7x5
COL 254	4337	Crux	12:24:03	-58:07:25	8.9	20	3.5
COL 255	4349	Crux	12:24:06	-61:52:13	7.4	70	15
COL 256	Mel.111	Coma Berenices	12:25:00	26:00:00	1.8	30	275
COL 257		Crux	12:24:45	-60:53:12		12	5
COL 258	Harv.5	Crux	12:27:10	-60:46:00	7.1	25	5
COL 259	4439	Crux	12:28:26	-60:06:11	8.4	20	4
COL 260	4463	Musca	12:29:55	-64:47:23	7.2	18	5
COL 261	Harv.6	Musca	12:37:57	-68:22:00	10.7	100	9
COL 262	Tr.20	Crux	12:39:34	-60:37:00	10.1		7
COL 263	4609	Crux	12:42:19	-62:59:38	6.9	12	5
COL 264	4755	Crux	12:53:37	-60:21:22	4.2	218	10
COL 265	4815	Musca	12:57:58	-64:57:42	8.6	100	3
COL 266	4852	Centaurus	13:00:14	-59:36:58	8.9	20	11
COL 267	5053	Coma Berenices	13:16:27	17:41:52	9		11
COL 268	(Harvard 8)	Musca	13:18:13	-67:05:00	9.5	30	5
COL 269		Musca	13:23:31	-66:10:48	9.2		15
COL 270	5138	Centaurus	13:27:15	-59:02:27	7.6	15	7
COL 271		Centaurus	13:29:54	-64:12:00	8.7	16	5
COL 272		Centaurus	13:30:26	-61:19:00	7.7	15	10
COL 273	5168	Centaurus	13:31:07	-60:56:21	9.1	50	4
COL 274	Tr.21	Centaurus	13:32:14	-62:48:00	7.7	20	5
COL 275		Centaurus	13:34:39	-60:12:00	10.2	20	11
COL 276	5281	Centaurus	13:46:35	-62:54:59	5.9	40	8
COL 277		Circinus	13:48:00	-66:04:00	9.2	30	15
COL 278	5288	Circinus	13:48:44	-64:41:07	11.8		4
COL 279	5316	Centaurus	13:53:57	-61:52:09	6	22	13
COL 280	5460	Centaurus	14:07:27	-48:20:33	5.6	50	35
COL 281	5606	Centaurus	14:27:47	-59:37:56	7.7	15	3
COL 282	5617	Centaurus	14:29:44	-60:42:39	6.3	60	10
COL 283	Tr.22	Centaurus	14:31:02	-61:10:00	7.9	15	10
COL 284	5662	Centaurus	14:35:37	-56:37:05	5.5	35	30
COL 285	Ursa Major	Ursa Major	12:03:00	58:00:00			
COL 286	5715	Circinus	14:43:29	-57:34:37	9.8	20	5
COL 287	5749	Lupus	14:48:53	-54:29:51	8.8	16	7
COL 288	5764	Lupus	14:53:32	-52:40:14	12.6	12	3

COLLINDER CATALOGUE							
Col #	NGC/Other Cat.	Constellation	RA	DEC	Mag	# Stars	Size '
COL 289	5822	Lupus	15:04:21	-54:23:47	6.5	100	39
COL 290	5823	Circinus	15:05:30	-55:36:13	7.9	30	12
COL 291	5925	Norma	15:27:26	-54:31:43	8.4	45	20
COL 292		Norma	15:49:51	-57:37:11	7.9	50	15
COL 293	5999	Norma	15:52:08	-56:28:22	9	40	3
COL 294	6005	Norma	15:55:48	-57:26:14	10.7	14	3
COL 295	Tr.23	Norma	16:00:48	-53:32:00	11.2	25	9
COL 296	6025	Triangulum Australe	16:03:17	-60:25:54	5.1	25	12
COL 297	6031	Norma	16:07:35	-54:00:54	8.5	121	2
COL 298	6067	Norma	16:13:11	-54:13:06	5.6	115	12
COL 299	Harv.10	Norma	16:19:54	-54:58:00	6.9	24	25
COL 300	6087	Norma	16:18:50	-57:56:04	5.4	30	12
COL 301	6124	Scorpius	16:25:20	-40:39:13	5.8	60	40
COL 302	Antares Cl.	Scorpius	16:26:00	-26:13:00	1	20	505
COL 303	6134	Norma	16:27:46	-49:09:04	7.2	45	6
COL 304	6152	Norma	16:32:45	-52:38:38	8.1	35	29
COL 305	6167	Norma	16:34:34	-49:46:19	6.7	40	7
COL 306	6169	Norma	16:34:04	-44:02:44	6.6	40	12
COL 307		Norma	16:35:20	-51:00:00	9.2	22	5
COL 308	6178	Scorpius	16:35:47	-45:38:37	7.2	7	4
COL 309	6192	Scorpius	16:40:23	-43:22:00	8.5	25	7
COL 310	6193	Ara	16:41:20	-48:45:45	5.2	25	14
COL 311	6200	Ara	16:44:07	-47:27:45	7.4	40	12
COL 312	6204	Ara	16:46:09	-47:01:01	8.2	20	5
COL 313	6208	Ara	16:49:28	-53:43:42	7.2	40	15
COL 314	6222	Scorpius	16:49:23	-44:43:53	10.1	22	4
COL 315	6231	Scorpius	16:54:10	-41:49:27	2.6	93	14
COL 316		Scorpius	16:55:30	-40:50:00	6.6	60	105
COL 317	6242	Scorpius	16:55:33	-39:27:39	6.4	50	9
COL 318	Tr.24	Scorpius	16:57:00	-40:40:00	8.6	15	60
COL 319	6249	Scorpius	16:57:41	-44:48:43	8.2	18	6
COL 320	6250	Ara	16:57:56	-45:56:12	5.9	10	7
COL 321	6253	Ara	16:59:05	-52:42:32	10.2	25	5
COL 322	6259	Scorpius	17:00:45	-44:39:18	8	60	10
COL 323	6268	Scorpius	17:02:10	-39:43:42	9.5	22	6
COL 324	6281	Scorpius	17:04:41	-37:59:07	5.4	25	8
COL 325	6318	Scorpius	17:16:11	-39:25:30	11.8	20	5
COL 326	6322	Scorpius	17:18:25	-42:56:02	6	12	10
COL 327	IC4651	Ara	17:25:14	-49:57:35	6.9	65	10
COL 328	6352	Ara	17:25:29	-48:25:22	7.8		7.1
COL 329	Tr.25	Scorpius	17:24:48	-30:00:00	11.7	18	4
COL 330	6355	Ophiuchus	17:23:58	-26:21:13	8.6		5
COL 331	Tr.26	Ophiuchus	17:28:30	-29:29:00	9.5	20	17
COL 332		Scorpius	17:30:48	-37:05:00	8.9	25	2
COL 333		Scorpius	17:31:18	-34:05:00	9.8	8	5
COL 334	6374 (6383)	Scorpius	17:34:42	-32:34:53	5.5	10	2.5
COL 335	6383	Scorpius	17:34:42	-32:34:53	5.5	10	2.5
COL 336	Tr.27	Scorpius	17:36:12	-33:29:00	6.7	15	6
COL 337	Tr.28	Scorpius	17:36:48	-32:29:00	7.7	22	12.5
COL 338		Scorpius	17:38:06	-37:43:12	8	20	20
COL 339	6396	Scorpius	17:37:38	-35:01:33	8.5	8	
COL 340	6404	Scorpius	17:39:37	-33:14:48	10.6	12	5
COL 341	6405 (M6)	Scorpius	17:40:20	-32:15:15	4.2	55	33
COL 342	6400	Scorpius	17:40:12	-36:56:52	8.8	25	12
COL 343	Tr.29	Scorpius	17:41:36	-40:06:00	7.5	22	9
COL 344	6416	Scorpius	17:44:19	-32:21:40	5.7	35	30
COL 345		Scorpius	17:44:35	-33:52:00	10.9	12	4.8
COL 346	6426	Ophiuchus	17:44:54	03:10:13	10.9		4.2
COL 347		Ophiuchus	17:46:18	-29:20:00	8.8	14	10
COL 348	6425	Scorpius	17:47:01	-31:31:46	7.2	25	15
COL 349	IC4665	Ophiuchus	17:46:18	05:43:00	4.2	28	40
COL 350		Ophiuchus	17:48:07	01:21:00	6.1	25	40
COL 351		Sagittarius	17:49:04	-28:45:00	9.3	22	8
COL 352	6451	Scorpius	17:50:40	-30:12:42	8.2	40	7
COL 353	6469	Sagittarius	17:53:12	-22:16:30	8.2	35	8
COL 354	6475 (M7)	Scorpius	17:53:51	-34:47:34	3.3	60	80
COL 355	Tr.30	Scorpius	17:56:30	-35:19:00	8.8	50	10
COL 356	6494 (M23)	Sagittarius	17:57:04	-18:59:07	5.5	85	30
COL 357	Tr.31	Sagittarius	17:59:49	-28:10:00	9.8	42	5
COL 358	6507	Sagittarius	17:59:50	-17:27:01	9.6	16	6
COL 359	Melotte 186	Ophiuchus	18:01:06	02:54:00	3	15	240
COL 360	6514	Sagittarius	18:02:20	-23:01:38	6.3	40	30

COLLINDER CATALOGUE							
Col #	NGC/Other Cat.	Constellation	RA	DEC	Mag	# Stars	Size '
COL 361	6520	Sagittarius	18:03:25	-27:53:28	7.6	20	6
COL 362	6530	Sagittarius	18:04:31	-24:21:29	4.6	20	14
COL 363	6531 (M21)	Sagittarius	18:04:13	-22:29:24	5.9	25	13
COL 364	6540	Sagittarius	18:06:08	-27:45:55	14.6		1.5
COL 365	6546	Sagittarius	18:07:22	-23:17:46	8	20	15
COL 366	6544	Sagittarius	18:07:20	-24:59:51	7.5		8.9
COL 367		Sagittarius	18:09:43	-23:39:35	6.4	10	40
COL 368	6558	Sagittarius	18:10:18	-31:45:49	8.6		3.7
COL 369	6568	Sagittarius	18:12:45	-21:34:59	8.6	29	12
COL 370	6583	Sagittarius	18:15:49	-22:08:09	10	30	5
COL 371	6595	Sagittarius	18:17:16	-19:44:30	7	12	4x3
COL 372	Tr.32	Serpens	18:17:10	-13:20:40	12.2	20	6
COL 373	6604	Serpens	18:18:02	-12:14:35	6.5	10	4
COL 374	6603	Sagittarius	18:18:26	-18:24:22	11.1	100	5
COL 375	6611 (M16)	Serpens	18:18:48	-13:48:26	6	30	21
COL 376	6613 (M18)	Sagittarius	18:19:58	-17:06:07	6.9	14	10
COL 377	6618	Sagittarius	18:21:09	-16:10:36	6	27	27
COL 378	Tr.33	Sagittarius	18:24:42	-19:43:00	7.8	10	6
COL 379	6631	Scutum	18:27:11	-12:01:52	11.7	20	7
COL 380	6633	Ophiuchus	18:27:15	06:30:30	4.6	30	20
COL 381	6642	Sagittarius	18:31:54	-23:28:35	8.9		5.8
COL 382	IC4725 (M25)	Sagittarius	18:31:36	-19:15:00	4.6	60	32
COL 383	6645	Sagittarius	18:32:37	-16:53:02	8.5	100	15
COL 384	6649	Scutum	18:33:27	-10:24:10	8.9	15	5
COL 385	6664	Scutum	18:36:33	-08:13:15	7.8	28	16
COL 386	IC4756	Serpens	18:39:00	05:27:00	4.6	120	52
COL 387	Tr.34	Scutum	18:39:48	-08:29:00	8.6	20	7
COL 388	Tr.35	Scutum	18:42:54	-04:08:00	9.2	25	9
COL 389	6694 (M26)	Scutum	18:45:18	-09:23:01	8	18	14
COL 390	6704	Scutum	18:50:45	-05:12:20	9.2	20	6
COL 391	6705 (M11)	Scutum	18:51:05	-06:16:12	5.8	100	13
COL 392	6709	Aquila	18:51:18	10:19:07	6.7	40	13
COL 393	6716	Sagittarius	18:54:34	-19:54:04	7.5	15	6
COL 394		Sagittarius	18:52:28	-20:59:28	6.3	22	22
COL 395	6717	Sagittarius	18:55:05	-22:42:06	8.4		3.9
COL 396	6738	Aquila	19:01:21	11:36:56	8.3	20	15
COL 397	6755	Aquila	19:07:49	04:15:59	7.5	25	14
COL 398	6756	Aquila	19:08:42	04:42:21	10.6	40	4
COL 399	4-5 Vul.	Vulpecula	19:25:24	20:11:00	3.6	15	60
COL 400	6802	Vulpecula	19:30:35	20:15:39	8.8	201	5
COL 401		Aquila	19:38:24	-00:20:00	7	8	1
COL 402	6811	Cygnus	19:37:17	46:23:20	6.8	40	12
COL 403	6819	Cygnus	19:41:18	40:11:12	7.3	929	5
COL 404	6820	Vulpecula	19:42:27	23:05:17	14.9	6	0.8
COL 405	6823	Vulpecula	19:43:09	23:18:00	7.1	13	12
COL 406	6830	Vulpecula	19:50:59	23:06:00	7.9	15	12
COL 407	6834	Cygnus	19:52:12	29:24:29	7.8	40	5
COL 408	Harv.20	Sagitta	19:53:06	18:20:00	7.7	20	9
COL 409	6838	Sagitta	19:53:46	18:46:42	8.4	150	7.2
COL 410	6846	Cygnus	19:56:28	32:20:59	14.2	40	0.5
COL 411	Mel.227	Octans	20:17:19	-79:02:00	5.3	20	70
COL 412	6866	Cygnus	20:03:55	44:09:33	7.6	20	6
COL 413	6871	Cygnus	20:05:59	35:46:38	5.2	45	30
COL 414	IC1311	Cygnus	20:10:48	41:11:00	13.1	60	9
COL 415	6883	Cygnus	20:11:19	35:49:56	8	18	35
COL 416	6882	Vulpecula	20:11:55	26:29:20	8.1	20	20
COL 417	6885	Vulpecula	20:11:55	26:29:20	8.1	40	20
COL 418	IC4996	Cygnus	20:16:31	37:38:35	7.3	12	5
COL 419		Cygnus	20:18:06	40:43:00	7.6	16	4.5
COL 420	6910	Cygnus	20:23:12	40:46:43	7.4	16	7
COL 421		Cygnus	20:23:18	41:42:00	10.1	20	5
COL 422	6913 (M29)	Cygnus	20:23:57	38:30:28	6.6	15	6
COL 423	6939	Cepheus	20:31:30	60:39:44	7.8	40	7
COL 424	6940	Vulpecula	20:34:26	28:16:58	6.3	90	31
COL 425	6996	Cygnus	20:56:29	45:28:23	10	20	5
COL 426	6994 (M73)	Aquarius	20:58:55	-12:38:08	8.9	4	2.8
COL 427		Cepheus	20:59:30	68:10:00	13.8	6	4
COL 428		Cygnus	21:03:12	44:35:00	8.7	40	13
COL 429	7023	Cepheus	21:01:35	68:10:11			18
COL 430	7031	Cygnus	21:07:12	50:52:32	9.1	15	5
COL 431	7039	Cygnus	21:10:47	45:37:19	7.6	35	25
COL 432	IC1369	Cygnus	21:12:06	47:44:00	8.8	10	8

COLLINDER CATALOGUE							
Col #	NGC/Other Cat.	Constellation	RA	DEC	Mag	# Stars	Size '
COL 433	7044	Cygnus	21:13:09	42:29:46	12	40	3.5
COL 434	7062	Cygnus	21:23:27	46:22:43	8.3	10	6
COL 435	7063	Cygnus	21:24:21	36:29:15	7	10	7
COL 436	7067	Cygnus	21:24:23	48:00:34	9.7	47	3
COL 437	7086	Cygnus	21:30:27	51:36:08	8.4	20	9
COL 438	7092 (M39)	Cygnus	21:31:48	48:26:55	4.6	22	31
COL 439	IC1396	Cepheus	21:39:06	57:30:00	3.5	35	50
COL 440	7128	Cygnus	21:43:57	53:42:55	9.7	10	3.1
COL 441	7129	Cepheus	21:42:58	66:06:47	11.5	7	7
COL 442	7142	Cepheus	21:45:09	65:46:28	9.3	12	4.3
COL 443	7160	Cepheus	21:53:40	62:36:12	6.1	16	7
COL 444	7209	Lacerta	22:05:07	46:29:01	7.7	30	25
COL 445	IC1434	Lacerta	22:10:30	52:50:00	9	30	7
COL 446	7226	Cepheus	22:10:26	55:23:55	9.6	83	2
COL 447	7235	Cepheus	22:12:24	57:16:17	7.7	12	4
COL 448	7243	Lacerta	22:15:08	49:53:51	6.4	40	21
COL 449	7245	Lacerta	22:15:11	54:20:33	9.2	169	5
COL 450	7261	Cepheus	22:20:11	58:07:19	8.4	18	5
COL 451	7296	Lacerta	22:28:02	52:17:21	9.7	10	3
COL 452	7380	Cepheus	22:47:20	58:07:57	7.2	20	12
COL 453	7419	Cepheus	22:54:20	60:48:56	13	40	6
COL 454	7510	Cepheus	23:11:03	60:34:15	7.9	10	7
COL 455	7654 (M52)	Cassiopeia	23:24:50	61:36:24	6.9	35	16
COL 456	7686	Andromeda	23:30:07	49:08:03	5.6	20	14
COL 457	7762	Cepheus	23:50:01	68:02:17	10	40	15
COL 458	Harv.21	Cassiopeia	23:54:06	61:46:00	9	10	6
COL 459	7788	Cassiopeia	23:56:45	61:24:00	9.4	15	4
COL 460	7789	Cassiopeia	23:57:24	56:42:30	6.7	100	25
COL 461	7790	Cassiopeia	23:58:24	61:12:30	8.5	18	5
COL 462	189	Cassiopeia	00:39:35	61:05:40	8.8	90	5
COL 463 (20a)		Cassiopeia	01:48:24	71:57:00			
COL 464 (60a)		Camelopardalis	05:22:00	73:00:00	4.2		120
COL 465 (127a)		Monoceros	07:07:12	-10:37:00	10.1		9
COL 466 (127b)		Monoceros	07:07:18	-10:49:00	11.1	25	4
COL 467 (156a)	(Mel 72 per A/H)	Monoceros	07:38:29	-10:33:00	10.1	40	5
COL 468 (364a)		Sagittarius	18:06:36	-27:28:00	11	8	0.9
COL 469 (370a)		Sagittarius	18:16:33	-18:18:34	9.1	51	2.6
COL 470 (442a)	IC5146	Cygnus	21:53:24	47:16:00	7.2	110	9
COL 471 (444a)		Cepheus	22:07:06	72:00:00			130