



Star Magnitudes



Open Cluster



Globular Cluster



Other NGC



Pluto



Burnham's C.H. - Scutum Observing List

Evening of 2009 Aug 15 at Bloemfontein, South Africa

Sunset 17:58, Twilight ends 19:12, Twilight begins 05:27, Sunrise 06:40, Moon rise 03:03, Moon set 12:30
 Completely dark from 19:12 to 03:03. Waning Crescent Moon. All times local (GMT+2).

Listing All Deep Sky Objects after 18:59 and before 05:02.

Cls	Primary ID	Alternate ID	Con	RA 2000	Dec 2000	Size	Mag	Distance	Rise	Transit	Set	Ur. 2	Difficulty
Glob	NGC 6712		Sct	18h53m04.0s	-08°42'18"	9.8'	8.1	23000 ly	15:04	21:31	03:59	125	detectable
Open	Wild Duck Cluster	M 11	Sct	18h51m05.0s	-06°16'12"	32.0'	6.1	6100 ly	15:08	21:29	03:51	125	easy
Open	NGC 6704	Collinder 390	Sct	18h50m45.0s	-05°12'18"	5.0'	9.3	9700 ly	15:10	21:29	03:48	105	detectable
Open	M 26	NGC 6694	Sct	18h45m18.0s	-09°23'00"	7.0'	9.0	5200 ly	14:55	21:24	03:52	125	detectable
Open	NGC 6683	OCL 74	Sct	18h42m13.0s	-06°12'42"	3.0'	9.5	3900 ly	14:59	21:21	03:42	125	easy
Open	NGC 6664	Collinder 385	Sct	18h36m37.0s	-07°48'48"	12.0'	8.5	3800 ly	14:50	21:15	03:40	125	detectable
Open	NGC 6649	Collinder 384	Sct	18h33m27.0s	-10°24'12"	5.0'	10.0	4500 ly	14:41	21:12	03:43	126	detectable
Open	NGC 6631	Collinder 379	Sct	18h27m11.0s	-12°01'48"	6.0'	11.7	8500 ly	14:30	21:06	03:41	126	very challenging
PNe	IC 1295	PN G025.4-04.7	Sct	18h54m37.2s	-08°49'39"	1.7'	12.7	3600 ly	15:05	21:33	04:00	125	very challenging

Symbol Key:

Open	Open Cluster	Doub	Double or Multiple Star	Con	Constellation
Glob	Globular Cluster	Bin	Binary Star (with orbit)	MSS	Major Solar System Object
PNe	Planetary Nebula	Var	Variable Star	Com	Comet
Neb	Diffuse Nebula	DVar	Double & Variable	MP	Minor Planet
Gal	Galaxy	BVar	Binary & Variable		
GalCl	Galaxy Cluster				
Dark	Dark Nebula				
QSO	Quasar				

Observation status: Y = observed, N = not observed, R = re-observe
 Quality of opportunity (Q): A = optimum, B = near optimum, F = far from optimum

Burnham's C.H. - Serpens Observing List

Evening of 2009 Aug 15 at Bloemfontein, South Africa

Sunset 17:58, Twilight ends 19:12, Twilight begins 05:27, Sunrise 06:40, Moon rise 03:03, Moon set 12:30
 Completely dark from 19:12 to 03:03. Waning Crescent Moon. All times local (GMT+2).

Listing All Deep Sky Objects in the constellation Serpens Cauda after 18:59 and before 05:02.

Cls	Primary ID	Alternate ID	Con	RA 2000	Dec 2000	Size	Mag	Distance	Rise	Transit	Set	Ur. 2	Difficulty
Glob	NGC 6539		Ser	18h04m50.0s	-07°35'12"	7.9'	8.9	130000 ly	14:18	20:43	03:08	126	detectable
Glob	NGC 6535		Ser	18h03m51.0s	-00°17'48"	3.4'	9.3	46000 ly	14:34	20:42	02:51	106	easy
Open	IC 4756	Collinder 386	Ser	18h39m00.0s	+05°27'00"	39.0'	5.4	1600 ly	15:22	21:17	03:13	105	easy
Open	Star Queen	M 16	Ser	18h18m48.0s	-13°48'24"	6.0'	6.5	5700 ly	14:18	20:57	03:37	126	obvious
Open	Collinder 372	Harvard 19	Ser	18h17m30.0s	-13°21'00"	5.0'	12.2	5600 ly	14:18	20:56	03:34	126	not visible

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Neb	Diffuse Nebula	DVar	Double & Variable	MP	Minor Planet
Gal	Galaxy	BVar	Binary & Variable		
GalCl	Galaxy Cluster				
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Observation status: Y = observed, N = not observed, R = re-observe

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