

Name	Mags	Sep. "	PA °	Date Observed	Telescope	Eyepiece / Mag.
Eta Cassiopeiae	3.4 7.5	12	317			
65 Piscium	6.3 6.3	4.4	297			
Psi 1 Piscium	5.6 5.8	30	159			
Zeta Piscium	5.6 6.5	23	63			
Gamma Arietis	4.8 4.8	7.8	0			
Lambda Arietis	4.9 7.7	37	46			
Alpha Piscium	4.2 5.1	1.7	50			
Gamma Andromedae	2.3 5.5	9.8	63			
Iota Trianguli	5.3 6.9	3.9	71			
Alpha Ursae Minoris	2.0 9.0	18.4	218			
Gamma Ceti	3.5 7.3	2.8	294			
Eta Persei	3.8 8.5	28.3	300			
Struve 331	5.3 6.7	12.1	85			
32 Eridani	4.8 6.1	6.8	347			
Chi Tauri	5.5 7.6	19.4	24			
1 Camelopardalis	5.7 6.8	10.3	308			
55 Eridani	6.7 6.8	9.2	317			
Beta Orionis	0.1 6.8	9.5	202			
118 Tauri	5.8 6.6	4.8	204			
Delta Orionis	2.2 6.3	52.6	359			
Struve 747	4.8 5.7	35.7	223			
Lambda Orionis	3.6 5.5	4.4	43			
Theta 1 Orionis	6.7 7.9 5.1 6.7	8.8 13 21.5	31 132 96			
Iota Orionis	2.8 6.9	11.3	141			
Theta 2 Orionis	5.2 6.5	52.0	92			
Sigma Orionis	4.0 7.5 6.5	12.9 43	84 61			
Zeta Orionis	1.9 4.0 9.9	2.4 58	162 10			
Gamma Leporis	3.7 6.3	96.0	350			
Theta Aurigae	2.6 7.1	3.6	313			
Epsilon Monocerotis	4.5 6.5	13.4	27			
Beta Monocerotis	4.7 5.2	7.3	132			
12 Lyncis	5.4 7.3	8.7	308			
Epsilon Canis Majoris	1.5 7.4	7.5	161			

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Delta Geminorum	3.5 8.2	6.8	211			
19 Lyncis	5.6 6.5	14.8	315			
Alpha Geminorum	1.9 2.9	2.2	171			
Kappa Puppis	4.5 4.7	9.9	318			
Zeta Cancri	5.6 6.0	5.9	89			
Iota Cancri	4.2 6.6	30	307			
38 Lyncis	3.9 6.6	2.7	229			
Alpha Leonis	1.4 7.7	177	307			
Gamma Leonis	2.2 3.5	4.4	122			
54 Leonis	4.5 6.3	6.5	110			
N Hydrae	5.8 5.9	9.2	210			
Delta Corvi	3.0 9.2	24.2	214			
24 Comae Berenices	5.2 6.7	20.3	271			
Gamma Virginis	3.5 3.5	1.8	267			
32 Camelopardalis	5.3 5.8	21.6	326			
Alpha Canum Venaticorum	2.9 5.5	19.4	229			
Zeta Ursae Majoris	2.3 4.0 4.0	14.4 709	152 71			
Kappa Bootis	4.6 6.6	13.4	236			
Iota Bootis	4.9 7.5	38	33			
Pi Bootis	4.9 5.8	5.6	108			
Epsilon Bootis	2.5 4.9	2.8	339			
Alpha Librae	2.8 5.2	231	314			
Xi Bootis	4.7 7.0	6.9	332			
Delta Bootis	3.5 8.7	105	79			
Mu Bootis	4.3 7.0	108	171			
Delta Serpentis	4.2 5.2	3.9	178			
Zeta Coronae Borealis	5.1 6.0	6.3	305			
Xi Scorpii	4.8 7.3	7.6	51			
Struve 1999	7.4 8.1	11.6	99			
Beta Scorpii	2.6 4.9	13.6	21			
Kappa Herculis	5.3 6.5	28	12			
Nu Scorpii	4.3 6.4	41	337			
Sigma Coronae Borealis	5.6 6.6	6.2	233			
16 / 17 Draconis	5.4 6.4 5.5	3.4 90	108 194			

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Name	Mags	Sep. "	PA °	Date Observed	Telescope	Eyepiece / Mag.
Mu Draconis	5.7 5.7	2.0	42			
Alpha Herculis	3.5 5.4	4.7	107			
Delta Herculis	3.1 8.2	8.9	236			
36 Ophiuchi	5.1 5.1	4.4	154			
Omicron Ophiuchi	5.4 6.9	10.3	355			
Rho Herculis	4.6 5.6	4.1	316			
Nu Draconis	4.9 4.9	62	312			
Psi Draconis	4.9 6.1	30.3	15			
40 / 41 Draconis	5.7 6.1	19.3	232			
95 Herculis	5.0 5.1	6.3	258			
70 Ophiuchi	4.2 6.0	2.8	72			
Epsilon Lyrae	5.0 6.1 5.2 5.5	208 2.6 2.3	357 94 173			
Zeta Lyrae	4.3 5.9	44	150			
Beta Lyrae	3.4 8.6	46	149			
Struve 2404	6.9 8.1	3.6	183			
Otto Struve 525	6.0 7.7	45	350			
Theta Serpentis	4.5 5.4	22.3	104			
Beta Cygni	3.1 5.1	34.4	54			
57 Aquilae	5.8 6.5	36	170			
31 Cygni	3.8 6.7 4.8	107 337	173 323			
Alpha Capricorni	3.6 4.2	378	291			
Beta Capricorni	3.4 6.2	206	267			
Gamma Delphini	4.5 5.5	9.6	268			
61 Cygni	5.2 6.0	28	146			
Beta Cephei	3.2 7.9	13.3	249			
Struve 2816	5.6 7.7 7.8	11.7 20	121 339			
Epsilon Pegasi	2.4 8.4	142	320			
Xi Cephei	4.4 6.5	7.7	277			
Zeta Aquarii	4.3 4.5	1.8	266			
Delta Cephei	3.4 7.5	41	191			
8 Lacertae	5.7 6.5	22.4	186			
94 Aquarii	5.3 7.3	12.7	350			
Sigma Cassiopeiae	5.0 7.1	3	326			

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