

Astronomical League Double Stars -- Winter

Object	Magnitude	Separation	Position Angle	RA	Dec	Notes
32 Eridani	4.8, 6.1	6.8"	347°	03h 54m.3	-02° 57'	
Chi Tauri	5.5, 7.6	19.4"	24°	04h 22m.6	+25° 38'	
1 Camelopardalis	5.7, 6.8	10.3"	308°	04h 32m.0	+53° 55'	
55 Eridani	6.7, 6.8	9.2"	317°	04h 43m.6	-08° 48'	
Beta Orionis	0.1, 6.8	9.5"	202°	05h 14m.5	-08° 12'	
118 Tauri	5.8, 6.6	4.8"	204°	05h 29m.3	+25° 09'	
Delta Orionis	2.2, 6.3	52.6"	359°	05h 32m.0	-00° 18'	
Struve 747	4.8, 5.7	35.7"	223°	05h 35m.0	-06° 00'	
Lamda Orionis	3.6, 5.5	4.4"	43°	05h 35m.1	+09° 56'	
Theta 1 Orionis	6.7, 7.9, 5.1, 6.7	8.8", 13", 21.5"	31°, 132°, 96°	05h 35m.3	-05° 23'	
Iota Orionis	2.8, 6.9	11.3"	141°	05h 35m.4	-05° 55'	
Theta 2 Orionis	5.2, 6.5	52"	92°	05h 35m.4	-05° 25'	
Sigma Orionis	4.0, 7.5, 6.5	12.9", 43"	84°, 61°	05h 38m.7	-02° 36'	
Zeta Orionis	1.9, 4.0, 9.9	2.4", 58"	162°, 10°	05h 40m.8	-01° 57'	
Gamma Leporis	3.7, 6.3	96"	350°	05h 44m.5	-22° 27'	
Theta Aurigae	2.6, 7.1	3.6"	313°	05h 59m.7	+37° 13'	
Epsilon Monocerotis	4.5, 6.5	13.4"	27°	06h 23m.8	+04° 36'	
Beta Monocerotis	4.7, 5.2	7.3"	132°	06h 28m.8	-07° 02'	
12 Lyncis	5.4, 7.3	8.7"	308°	06h 46m.2	+59° 27'	
Epsilon Canis Majoris	1.5, 7.4	7.5"	161°	06h 58m.6	-28° 58'	
Delta Geminorum	3.5, 8.2	6.8"	211°	07h 20m.1	+21° 59'	
Alpha Geminorum	1.9, 2.9	2.2"	171°	07h 34m.6	+31° 53'	
Kappa Puppis	4.5, 4.7	9.9"	318°	07h 38m.8	-26° 48'	

Astronomical League Double Stars -- Spring

Object	Magnitude	Separation	Position Angle	RA	Dec	Notes
Zeta Cancri	5.6, 6.0	5.9"	89°	08h 12m.2	+17° 39'	
Iota Cancri	4.2, 6.6	30"	307°	08h 46m.7	+28° 46'	
19 Lyncis	5.6, 6.5	14.8"	315°	07h 22m.9	+55° 17'	
38 Lyncis	3.9, 6.6	2.7"	229°	09h 18m.8	+36° 48'	
Alpha Leonis	1.4, 7.7	177"	307°	10h 08m.4	+11° 58'	
Gamma Leonis	2.2, 3.5	4.4"	122°	10h 20m.0	+19° 51'	
54 Leonis	4.5, 6.3	6.5"	110°	10h 55m.6	+24° 45'	
N Hydrae	5.8, 5.9	9.2"	210°	11h 32m.3	-29° 16'	
Delta Corvi	3.0, 9.2	24.2"	214°	12h 29m.9	-16° 31'	
24 Comae Berenices	5.2, 6.7	20.3"	271°	12h 35m.1	+18° 23'	
Gamma Virginis	3.5, 3.5	3.6"	293°	12h 41m.7	-01° 27'	
32 Camelopardalis	5.3, 5.8	21.6"	326°	12h 49m.2	+83° 25'	
Alpha Canum Venaticorum	2.9, 5.5	19.4"	229°	12h 56m.0	+38° 19'	
Zeta Ursa Majoris	2.3, 4.0, 4.0	14.4", 709"	152°, 71°	13h 23m.9	+54° 56'	
Kappa Bootis	4.6, 6.6	13.4"	236°	14h 13m.5	+51° 47'	
Iota Bootis	4.9, 7.5	38"	33°	14h 16m.2	+51° 22'	
Pi Bootis	4.9, 5.8	5.6"	108°	14h 40m.7	+16° 25'	
Epsilon Bootis	2.5, 4.9	2.8"	339°	14h 45m.0	+27° 04'	
Alpha Librae	2.8, 5.2	231"	314°	14h 50m.9	-16° 02'	
Xi Bootis	4.7, 7.0	6.9"	332°	14h 51m.4	+19° 06'	
Delta Bootis	3.5, 8.7	105"	79°	15h 15m.5	+33° 19'	
Mu Bootis	4.3, 7.0	108"	171°	15h 24m.5	+37° 23'	
Zeta Corona Borealis	5.1, 6.0	6.3"	305°	15h 39m.4	+36° 38'	

Astronomical League Double Stars -- Summer

Object	Magnitude	Separation	Position Angle	RA	Dec	Notes
Delta Serpentis	4.2, 5.2	3.9"	178°	15h 34m.8	+10° 32'	
Xi Scorpii	4.8, 7.3	7.6"	51°	16h 04m.4	-11° 22'	
Struve 1999	7.4, 8.1	11.6"	99°	16h 04m.4	-11° 27'	
Beta Scorpii	2.6, 4.9	13.6"	21°	16h 05m.4	-19° 48'	
Kappa Herculis	5.3, 6.5	28"	12°	16h 08m.1	+17° 03'	
Nu Scorpii	4.3, 6.4	41"	337°	16h 12m.0	-19° 28'	
Sigma Corona Borealis	5.6, 6.6	6.2"	233°	16h 14m.7	+33° 52'	
16/17 Draconis	5.4, 6.4, 5.5	3.4, 90	108°, 194°	16h 36m.2	+52° 55'	
Mu Draconis	5.7, 5.7	2.0"	42°	17h 05m.3	+54° 28'	
Alpha Herculis	3.5, 5.4	4.7"	107°	17h 14m.6	+14° 23'	
Delta Herculis	3.1, 8.2	8.9"	236°	17h 15m.0	+24° 50'	
36 Ophiuchi	5.1, 5.1	4.4"	154°	17h 15m.3	-26° 36'	
Omicron Ophiuchi	5.4, 6.9	10.3"	355°	17h 18m.0	-24° 17'	
Rho Herculis	4.6, 5.6	4.1"	316°	17h 23m.7	+37° 09'	
Nu Draconis	4.9, 4.9	62"	312°	17h 32m.2	+55° 11'	
Psi Draconis	4.9, 6.1	30.3"	15°	17h 41m.9	+72° 09'	
40/41 Draconis	5.7, 6.1	19.3"	232°	18h 00m.2	+80° 00'	
95 Herculis	5.0, 5.1	6.3"	258°	18h 01m.5	+21° 36'	
70 Ophiuchi	4.2, 6.0	2.8"	72°	18h 05m.5	+02° 30'	
Epsilon Lyrae	5.0, 6.1, 5.2, 5.5	208", 2.6", 2.3"	357°, 173°, 94°	18h 44m.3	+39° 40'	
Zeta Lyrae	4.3, 5.9	44"	150°	18h 44m.8	+37° 36'	
Beta Lyrae	3.4, 8.6	46"	149°	18h 50m.1	+33° 22'	
Struve 2404	6.9, 8.1	3.6"	183°	18h 50m.8	+10° 59'	
Otto Struve 525	6.0, 7.7	45"	350°	18h 54m.9	+33° 58'	
Theta Serpentis	4.5, 5.4	22.3"	104°	18h 56m.2	+04° 12'	
Beta Cygni	3.1, 5.1	34.4"	54°	19h 30m.7	+27° 58'	
57 Aquilae	5.8, 6.5	36"	170°	19h 54m.6	-08° 14'	
31 Cygni	3.8, 6.7, 4.8	107", 337"	173°, 323°	20h 13m.6	+46° 44'	
Gamma Delphinus	4.5, 5.5	9.6"	268°	20h 46m.7	+16° 07'	
61 Cygni	5.2, 6.0	28"	146°	21h 06m.9	+38° 45'	

Astronomical League Double Stars -- Autumn

Object	Magnitude	Separation	Position Angle	RA	Dec	Notes
Alpha Capricornus	3.6, 4.2	378"	291°	20h 18m.1	-12° 33'	
Beta Capricornus	3.4, 6.2	206"	267°	20h 21m.0	-14° 47'	
Beta Cephei	3.2, 7.9	13.3"	249°	21h 28m.7	+70° 34'	
Struve 2816	5.6, 7.7, 7.8	11.7", 20"	121°, 339°	21h 39m.0	+57° 29'	
Epsilon Pegasi	2.4, 8.4	142"	320°	21h 44m.2	+09° 52'	
Xi Cephei	4.4, 6.5	7.7"	277°	22h 03m.8	+64° 38'	
Zeta Aquarii	4.3, 4.5	1.8"	266°	22h 28m.8	-00° 01'	
Delta Cephei	3.9, 6.3	41"	192°	22h 29m.2	+58° 25'	
8 Lacerta	5.7, 6.5	22.4"	186°	22h 35m.9	+39° 38'	
94 Aquarii	5.3, 7.3	12.7"	350°	23h 19m.1	-13° 28'	
Sigma Cassiopeiae	5.0, 7.1	3"	326°	23h 59m.0	+55° 45'	
Eta Cassiopeiae	3.4, 7.5	12"	307°	00h 49m.1	+57° 49'	
65 Piscium	6.3, 6.3	4.4"	297°	00h 49m.9	+27° 43'	
Psi 1 Piscium	5.6, 5.8	30"	159°	01h 05m.6	+21° 28'	
Zeta Piscium	5.6, 6.5	23"	63°	01h 13m.7	+07° 35'	
Gamma Arietis	4.8, 4.8	7.8"	0°	01h 53m.5	+19° 18'	
Lambda Arietis	4.9, 7.7	37"	46°	01h 57m.9	+23° 36'	
Alpha Piscium	4.2, 5.1	1.7"	50°	02h 02m.0	+02° 46'	
Gamma Andromedae	2.3, 5.5	9.8"	63°	02h 03m.9	+42° 20'	
Iota Trianguli	5.3, 6.9	3.9"	71°	02h 12m.4	+30° 18'	
Alpha Ursa Minoris	2.0, 9.0	18.4"	218°	02h 31m.8	+89° 16'	
Gamma Ceti	3.5, 7.3	2.8"	294°	02h 43m.3	+03° 14'	
Eta Persei	3.8, 8.5	28.3"	300°	02h 50m.7	+55° 54'	
Struve 331	5.3, 6.7	12.1"	85°	03h 00m.9	+52° 21'	