

In The Heavens

Binary Stars



Albireo - Mag 3.2 - (RA 19h30m) (Dec +27d 57m) in Cygnus

Star	R.A. (2000.0)	Dec.	Magnitudes	Sep.	P.A. ^o
Antares	16 ^h 29.4 ^m	-26° 26'	1.1v, 5.4	2.6"	274°
β Scorpii	16 ^h 05.4 ^m	-19° 48'	2.6, 4.9	14"	21°
α Librae	14 ^h 50.9 ^m	-16° 02'	2.8, 5.2	231"	314°
γ ¹ Librae	15 ^h 12.2 ^m	-19° 47'	4.5, 9.4	58"	111°
οΣ 300	15 ^h 40.2 ^m	+12° 03'	6.4, 9.5	15"	261°
λ Ophiuchi	16 ^h 30.9 ^m	+1° 59'	4.1, 5.2	1.4"	29°
ο Ophiuchi	17 ^h 18.0 ^m	-24° 17'	5.4, 6.9	10"	355°
21 Sagittarii	18 ^h 25.3 ^m	-20° 32'	4.9, 7.4	1.8"	289°
56 Herculis	16 ^h 55.0 ^m	+25° 44'	6.1, 10.6	18"	93°
α Herculis	17 ^h 14.6 ^m	+14° 23'	3.5v, 5.4v	4.6"	104°
ρ Capricorni	20 ^h 28.9 ^m	-17° 49'	5.0, 6.7	248"	150°
ε Capricorni	20 ^h 19.4 ^m	-19° 07'	5.5, 9.0	56"	179°
11 Aquilae	18 ^h 59.1 ^m	+13° 37'	5.2, 8.7	18"	286°
23 Aquilae	19 ^h 18.5 ^m	+1° 05'	5.3, 9.3	3.1"	5°
β Cygni	19 ^h 30.7 ^m	+27° 58'	3.1, 5.1	34"	54°
H N 84	19 ^h 39.4 ^m	+16° 34'	6.5, 8.9	28"	302°
οΣ 394	20 ^h 00.2 ^m	+36° 25'	7.1, 9.9	11"	294°
ε Lyrae AB	18 ^h 44.3 ^m	+39° 40'	5.4, 6.5	2.6"	357°
ε Lyrae CD	—	—	5.1, 5.3	2.3"	94°
δ Cygni	19 ^h 45.0 ^m	+45° 08'	2.9, 6.3	2.5"	221°
β 441	20 ^h 17.5 ^m	+29° 09'	6.2, 10.7	5.9"	66°
β Cephei	21 ^h 28.7 ^m	+70° 34'	3.2, 7.9	13"	49°
Σ 2894	22 ^h 18.9 ^m	+37° 46'	6.1, 8.3	16"	194°
Σ 2841	21 ^h 54.3 ^m	+19° 43'	6.4, 7.9	22"	110°
94 Aquarii	22 ^h 19.1 ^m	-13° 28'	5.3, 7.3	13"	350°
41 Aquarii	22 ^h 14.3 ^m	-21° 04'	7.1, 7.1	5.0"	114°
γ Delphini	20 ^h 46.7 ^m	+16° 07'	4.3, 5.5	9.6"	268°

The following list represents 100 of some popular binary stars. Most of these can be split using a 60mm aperture telescope or larger. There are of course many others. Happy hunting!

OBJECT	CONST	NAME	RA	DEC	MAGS	SEP	PA
--------	-------	------	----	-----	------	-----	----

Gamma Andromedae	Andromeda	Almach	02h 03.9m	+42° 20'	2.3, 5.5	9.8"	63°
94 Aquarii	Aquarius	-	23h 19.1m	-13° 28'	5.3, 7.3	12.7"	350°
Zeta Aquarii	Aquarius	-	22h 28.8m	-00° 01'	4.3, 4.5	1.8"	266°
57 Aquilae	Aquila	-	19h 54.6m	-08° 14'	5.8, 6.5	36"	170°
Gamma Arietis	Aries	Mesarthim	01h 53.5m	+19° 18'	4.8, 4.8	7.8"	0°
Lambda Arietis	Aries	-	01h 57.9m	+23° 36'	4.9, 7.7	37"	46°
Theta Aurigae	Auriga	-	05h 59.7m	+37° 13'	2.6, 7.1	3.6"	313°
Delta Bootis	Bootes	Alrakis	15h 15.5m	+33° 19'	3.5, 8.7	105"	79°
Epsilon Bootis	Bootes	Izar	14h 45.0m	+27° 04'	2.5, 4.9	2.8"	339°
Iota Bootis	Bootes	-	14h 16.2m	+51° 22'	4.9, 7.5	38"	33°
Kappa Bootis	Bootes	-	14h 13.5m	+51° 47'	4.6, 6.6	13.4"	236°
Mu Bootis	Bootes	-	15h 24.5m	+37° 23'	4.3, 7.0	108"	171°
Pi Bootis	Bootes	-	14h 40.7m	+16° 25'	4.9, 5.8	5.6"	108°
Xi Bootis	Bootes	-	14h 51.4m	+19° 06'	4.7, 7.0	6.9"	332°
1 Camelopardalis	Camelopardalis	-	04h 32.0m	+53° 55'	5.7, 6.8	10.3"	308°
32 Camelopardalis	Camelopardalis	-	12h 49.2m	+83° 25'	5.3, 5.8	21.6"	326°
Iota Cancri	Cancer	-	08h 46.7m	+28° 46'	4.2, 6.6	30"	307°
Zeta Cancri	Cancer	-	08h 12.2m	+17° 39'	5.6, 6.0	5.9"	89°
Alpha Canum Venaticorum	Canes Venatici	Cor Caroli	12h 56.0m	+38° 19'	2.9, 5.5	19.4"	229°
Epsilon Canis Majoris	Canis Major	Adhara	06h 58.6m	-28° 58'	1.5, 7.4	7.5"	161°
Alpha Capricorni	Capricornus	Al Giedi	20h 18.1m	-12° 33'	3.6, 4.2	378"	29°
Beta Capricorni	Capricornus	Dabih	20h 21.0m	-14° 47'	3.4, 6.2	206"	267°
Eta Cassiopeiae	Cassiopeia	Achird	00h 49.1m	+57° 49'	3.4, 7.5	12"	307°
Sigma Cassiopeiae	Cassiopeia	-	23h 59.0m	+55° 45'	5.0, 7.1	3"	326°
Beta Cephei	Cephus	Alfirk	21h 28.7m	+70° 34'	3.2, 7.9	13.3"	249°
Delta Cephei	Cephus	-	22h 29.2m	+58° 25'	3.9, 6.3	191.9"	192°
Struve 2816	Cephus	-	21h 39.0m	+57° 29'	5.6, 7.7, 7.8	11.7", 20"	121°, 339°

Xi Cephei	Cephus	Kurhah	22h 03.8m	+64° 38'	4.4, 6.5	7.7"	277°
Gamma Ceti	Cetus	Kaffaljidhma	02h 43.3m	+03° 14'	3.5, 7.3	2.8"	294°
24 Comae Berenices	Coma Berenices	-	12h 35.1m	+18° 23'	5.2, 6.7	20.3"	271°
Sigma Coronae Borealis	Corona Borealis	-	16h 14.7m	+33° 52'	5.6, 6.6	6.2"	233°
Zeta Coronae Borealis	Corona Borealis	-	15h 39.4m	+36° 38'	5.1, 6.0	6.3"	305°
Delta Corvi	Corvus	Algorah	12h 29.9m	-16° 31'	3.0, 9.2	24.2"	214°
31 Cygni	Cygnus	-	20h 13.6m	+46° 44'	3.8, 6.7, 4.8	107", 337"	173°, 323°
61 Cygni	Cygnus	-	21h 06.9m	+38° 45'	5.2, 6.0	28"	146°
Beta Cygni	Cygnus	Albireo	19h 30.7m	+27° 58'	3.1, 5.1	34.4"	54°
Gamma Delphini	Delphinus	-	20h 46.7m	+16° 07'	4.5, 5.5	9.6"	268°
16 / 17 Draconis	Draco	-	16h 36.2m	+52° 55'	5.4, 6.4, 5.5	3.4", 90"	108°, 194°
40 / 41 Draconis	Draco	-	18h 00.2m	+80° 00'	5.7, 6.1	19.3"	232°
Mu Draconis	Draco	-	17h 05.3m	+54° 28'	5.7, 5.7	2.0"	42°
Nu Draconis	Draco	Kuma	17h 32.2m	+55° 11'	4.9, 4.9	62"	312°
Psi Draconis	Draco	-	17h 41.9m	+72° 09'	4.9, 6.1	30.3"	15°
32 Eridani	Eridanus	-	03h 54.3m	-02° 57'	4.8, 6.1	6.8"	347°
55 Eridani	Eridanus	-	04h 43.6m	-08° 48'	6.7, 6.8	9.2"	317°
Alpha Geminorum	Gemini	Castor	07h 34.6m	+31° 53'	1.9, 2.9	2.2"	171°
Delta Geminorum	Gemini	Wasat	07h 20.1m	+21° 59'	3.5, 8.2	6.8"	211°
95 Herculis	Hercules	-	18h 01.5m	+21° 36'	5.0, 5.1	6.3"	258°
Alpha Herculis	Hercules	Ras Algethi	17h 14.6m	+14° 23'	3.5, 5.4	4.7"	107°
Delta Herculis	Hercules	Sarin	17h 15.0m	+24° 50'	3.1, 8.2	8.9"	236°
Kappa Herculis	Hercules	-	16h 08.1m	+17° 03'	5.3, 6.5	28"	12°
Rho Herculis	Hercules	-	17h 23.7m	+37° 09'	4.6, 5.6	4.1"	316°
Struve 2404	Hercules	-	18h 50.8m	+10° 59'	6.9, 8.1	3.6"	183°
N Hydrae	Hydra	-	11h 32.3m	-29° 16'	5.8, 5.9	9.2"	210°
8 Lacertae	Laceratta	-	22h 35.9m	+39° 38'	5.7, 6.5	22.4"	186°

54 Leonis	Leo	-	10h 55.6m	+24° 45'	4.5, 6.3	6.5"	110°
Alpha Leonis	Leo	Regulus	10h 08.4m	+11° 58'	1.4, 7.7	177"	307°
Gamma Leonis	Leo	Algieba	10h 20.0m	+19° 51'	2.2, 3.5	4.4"	122°
Gamma Leporis	Lepus	-	05h 44.5m	-22° 27'	3.7, 6.3	96"	350°
Alpha Librae	Libra	Zuben El Genubi	14h 50.9m	-16° 02'	2.8, 5.2	231"	314°
12 Lyncis	Lynx	-	06h 46.2m	+59° 27'	5.4, 7.3	8.7"	308°
19 Lyncis	Lynx	-	07h 22.9m	+55° 17'	5.6, 6.5	14.8"	315°
38 Lyncis	Lynx	-	09h 18.8m	+36° 48'	3.9, 6.6	2.7"	229°
Beta Lyrae	Lyra	Sheliak	18h 50.1m	+33° 22'	3.4, 8.6	46"	149°
Epsilon Lyrae	Lyra	Double Double	18h 44.3m	+39° 40'	5.0, 6.1, 5.2, 5.5	208", 2.6", 2.3"	357°, 94°, 173°
Otto Struve 525	Lyra	-	18h 54.9m	+33° 58'	6.0, 7.7	45"	350°
Zeta Lyrae	Lyra	-	18h 44.8m	+37° 36'	4.3, 5.9	44"	150°
Beta Monocerotis	Monoceros	-	06h 28.8m	-07° 02'	4.7, 5.2	7.3"	132°
Epsilon Monocerotis	Monoceros	-	06h 23.8m	+04° 36'	4.5, 6.5	13.4"	27°
36 Ophiuchi	Ophiuchus	-	17h 15.3m	-26° 36'	5.1, 5.1	4.4"	154°
70 Ophiuchi	Ophiuchus	-	18h 05.5m	+02° 30'	4.2, 6.0	2.8"	72°
Omicron Ophiuchi	Ophiuchus	-	17h 18.0m	-24° 17'	5.4, 6.9	10.3"	355°
Beta Orionis	Orion	Rigel	05h 14.5m	-08° 12'	0.1, 6.8	9.5"	202°
Delta Orionis	Orion	Mintaka	05h 32.0m	-00° 18'	2.2, 6.3	52.6"	359°
Iota Orionis	Orion	Nair al Saif	05h 35.4m	-05° 55'	2.8, 6.9	11.3"	141°
Lambda Orionis	Orion	Meissa	05h 35.1m	+09° 56'	3.6, 5.5	4.4"	43°
Sigma Orionis	Orion	-	05h 38.7m	-02° 36'	4.0, 7.5, 6.5	12.9", 43"	84°, 61°
Struve 747	Orion	-	05h 35.0m	-06° 00'	4.8, 5.7	35.7"	223°
Theta 1 Orionis	Orion	Trapezium	05h 35.3m	-05° 23'	6.7, 7.9, 5.1, 6.7	8.8", 13", 21.5"	31°, 132°, 96°
Theta 2 Orionis	Orion	-	05h 35.4m	-05° 25'	5.2, 6.5	52"	92°
Zeta Orionis	Orion	Alnitak	05h 40.8m	-01° 57'	1.9, 4.0, 9.9	2.4", 58"	162°, 10°

Epsilon Pegasi	Pegasus	Enif	21h 44.2m	+09° 52'	2.4, 8.4	142"	320°
Eta Persei	Perseus	Miram	02h 50.7m	+55° 54'	3.8, 8.5	28.3"	300°
Struve 331	Perseus	-	03h 00.9m	+52° 21'	5.3, 6.7	12.1"	85°
65 Piscium	Pisces	-	00h 49.9m	+27° 43'	6.3, 6.3	4.4"	297°
Alpha Piscium	Pisces	Al Rischa	02h 02.0m	+02° 46'	4.2, 5.1	1.7"	50°
Psi 1 Piscium	Pisces	-	01h 05.6m	+21° 28'	5.6, 5.8	30"	159°
Zeta Piscium	Pisces	-	01h 13.7m	+07° 35'	5.6, 6.5	23"	63°
Kappa Puppis	Puppis	-	07h 38.8m	-26° 48'	4.5, 4.7	9.9"	318°
Beta Scorpii	Scorpius	Graffias	16h 05.4m	-19° 48'	2.6, 4.9	13.6"	21°
Nu Scorpii	Scorpius	-	16h 12.0m	-19° 28'	4.3, 6.4	41"	337°
Struve 1999	Scorpius	-	16h 04.4m	-11° 27'	7.4, 8.1	11.6"	99°
Xi Scorpii	Scorpius	-	16h 04.4m	-11° 22'	4.8, 7.3	7.6"	51°
Delta Serpentis	Serpens	-	15h 34.5m	+10° 32'	4.2, 5.2	3.9"	178°
Theta Serpentis	Serpens	Alya	18h 56.2m	+04° 12'	4.5, 5.4	22.3"	104°
118 Tauri	Taurus	-	05h 29.3m	+25° 09'	5.8, 6.6	4.8"	204°
Chi Tauri	Taurus	-	04h 22.6m	+25° 38'	5.5, 7.6	19.4"	24°
Iota Trianguli	Triangulum	-	02h 12.4m	+30° 18'	5.3, 6.9	3.9"	71°
Zeta Ursae Majoris	Ursa Major	Mizar	13h 23.9m	+54° 56'	2.3, 4.0, 4.0	14.4", 709"	152°, 71°
Alpha Ursae Minoris	Ursa Minor	Polaris	02h 31.8m	+89° 16'	2.0, 9.0	18.4"	218°
Gamma Virginis	Virgo	Porrina	12h 41.7m	-01° 27'	3.5, 3.5	3.6"	293°

Back to Top