

**The Right Ascensions and Declinations of the principal Navigational Stars, adapted
to the Beginning of the Year 2018, with their annual Variations.**

Names and Situations of the Stars	Character	Mag	Right Ascension in Time H.M.S.	Ann. Var. in Right Ascension Sec	Declination D.M.S.	Ann. Var. in Declination Sec
The head of Andromeda, Alpheratz	α And	2	00h09m18s	2.97	29.11.26 N	19.70
In the head of the Phoenix, Ankaa	α Phe	2	00h27m09s	3.08	42.12.50 S	19.61
The elbow of the queen, Schedar	α Cas	2	00h41m32s	3.12	56.38.19 N	19.93
Bright star in the tail of the Whale, Diphda	β Cet	2	00h44m28s	3.03	17.53.30 S	19.98
The Spring of the River Erida, Achernar	α Eri	0	01h38m22s	2.46	57.09.09 S	19.12
In the following horn of the Ram, Hamal	α Ari	2	02h08m11s	3.28	23.32.46 N	18.12
In the middle of the river, Acamar	θ Eri	3	02h58m56s	2.36	40.14.20 S	16.07
In the jaw of the Whale, Menkar	α Cet	2	03h03m13s	3.09	4.09.24 N	15.75
The bright star in Perseus, Mirfak	α Per	1	03h25m37s	4.12	49.55.27 N	14.53
The Southern eye of the Bull, Aldebaran	α Tau	0	04h36m57s	3.38	16.32.31 N	9.48
The bright foot of Orion, Rigel	β Ori	0	05h15m24s	2.85	8.11.06 S	6.62
In the left shoulder of Auriga, Capella	α Aur	0	05h18m02s	4.35	46.00.47 N	5.97
The Western shoulder of Orion, Bellatrix	γ Ori	1	05h26m06s	3.17	6.21.43 N	5.72
Northern horn of the Bull, Elnath	β Tau	1	05h27m26s	3.73	28.37.09 N	5.44
The center of Orion's belt, Alnilam	ϵ Ori	1	05h37m08s	3.01	1.11.39 S	4.80
The Eastern shoulder of Orion, Betelgeuse	α Ori	0	05h56m09s	3.21	7.24.23 N	3.19
In the poop of the Ship Argo, Canopus	α Car	0	06h24m23s	1.29	52.42.31 S	0.76
In the mouth of the greater Dog, Sirius	α CMa	-1	06h45m57s	2.60	16.44.38 S	-2.37
In the knee of the greater dog, Adhara	ϵ CMa	1	06h59m21s	2.30	28.59.58 S	-2.30
The lesser Dog, Procyon	α CMi	0	07h40m15s	3.10	5.10.32 N	-6.83
In the head of the Southern Twin, Pollux	β Gem	1	07h46m25s	3.66	27.58.44 N	-6.35
In the keel of the ship Argo, Avior	ϵ Car	1	08h22m55s	1.02	59.34.01 S	-9.20
In the sail of the ship Argo, Suhail	λ Vel	2	09h08m40s	2.05	43.30.15 S	-12.54
In the oars of the Ship Argo, Miaplacidus	β Car	1	09h13m27s	0.24	69.47.19 S	-12.76
The heart of the female Hydra, Alphard	α Hya	1	09h28m28s	2.88	8.44.15 S	-13.82
The Lion's heart, Regulus	α Leo	1	10h09m19s	3.18	11.52.38 N	-16.18
Northern pointer in the big dipper, Dubhe	α UMa	1	11h04m48s	3.94	61.38.57 N	-18.56
The Lion's tail, Denebola	β Leo	2	11h49m58s	3.06	14.29.14 N	-19.74
In the wing of the crow, Gienah	γ Cor	2	12h16m38s	2.99	17.38.20 S	-19.90
In the foot of the Cross, Acrux	α Cru	1	12h27m37s	2.97	63.11.31 S	-19.98
In the top of the Cross, Gacrux	γ Cru	1	12h32m10s	3.03	57.12.27 S	-20.23
Last star before the cup in big dipper, Alioth	ϵ UMa	1	12h54m47s	2.86	55.51.32 N	-19.89
The Virgin's Spike, Spica	α Vir	0	13h26m07s	3.09	11.15.07 S	-19.46
Last star in the tail of the great Bear, Alkaid	η UMa	1	13h48m13s	2.52	49.13.17 N	-18.92
The Western foot of the Centaur, Hadar	β Cen	0	14h05m05s	3.95	60.27.08 S	-18.39
The head of the centaur, Menkent	θ Cen	2	14h07m43s	3.39	36.27.09 S	-18.80
The bright star in Bootes, Arcturus	α Boo	0	14h16m27s	2.75	19.05.22 N	-19.97
Eastern foot of the Centaur, Rigil kent	α Cen	0	14h40m48s	3.80	60.54.11 S	-16.46
The Southern scale of Libra, Zuben-ubi	α Lib	2	14h51m39s	3.24	16.04.04 S	-16.47
On the back of the small bear, Kochab	β UMi	2	14h50m36s	0.39	74.04.45 N	-16.47
Bright star in the Crown, Alphecca	α CrB	2	15h35m25s	2.56	26.39.18 N	-14.05
The Scorpion's heart, Antares	α Sco	0	16h30m28s	3.60	26.28.01 S	-10.18
The bright star in the Southern triangle, Atria	α TrA	1	16h50m30s	6.17	69.03.12 S	-8.64
The center of the serpent holder, Sabik	η Oph	2	17h11m22s	3.39	15.44.35 S	-6.85
The stinger of the scorpion, Shaula	λ Sco	1	17h34m47s	4.01	37.06.44 S	-5.03
In the head of Ophiuchus, Rasalhague	α Oph	2	17h35m44s	2.75	12.32.58 N	-5.14
In the head of the Dragon, Eltanin	γ Dra	2	17h56m58s	1.38	51.29.17 N	-3.14
In the bow of the archer, Kaus austr.	ϵ Sgr	1	18h25m19s	3.94	34.22.21 S	-0.77
The bright star in the Harp, Vega	α Lyr	0	18h37m30s	1.98	38.48.09 N	0.69
The elbow of the archer, Nunki	σ Sgr	2	18h56m20s	3.69	26.16.18 S	2.00
Bright star in the Eagle, Altair	α Aql	0	19h51m37s	2.87	8.55.04 N	7.12
The Eye of the Peacock, Peacock	α Pav	1	20h26m59s	4.81	56.40.38 S	9.46
The tail of the Swan, Deneb	α Cyg	1	20h42m00s	1.89	45.20.52 N	10.67
In the nose of pegasus, Enif	ϵ Peg	2	21h45m02s	2.88	9.57.30 N	14.86
The Western wing of the Crane, Al na-ir	α Gru	1	22h09m18s	3.88	46.52.36 S	16.03
In the mouth of the South.Fish, Fomalhaut	α PsA	1	22h58m36s	3.36	29.31.48 S	18.14
In the wing of Pegasus, Markab	α Peg	2	23h05m38s	2.90	15.18.09 N	18.50