

APPENDIX C: COMMON STARS – BY CONSTELLATION

Constellation	Star Name	Flamsteed-Bayer Designation	Abbrev	Magnitude(SAO)
Andromeda				
	Alpheratz	21-Alpha Andromedae	Alf And	2.1
	Mirach	43-Beta Andromedae	Bet And	2.4
	Almach	57-Gamma1 Andromedae	Gam And	2.3
Aquarius				
	Sadalmelik	34-Alpha Aquarii	Alf Aqr	3.2
	Sadalsuud	22-Beta Aquarii	Bet Aqr	3.1
	Skat	76-Delta Aquarii	Del Aqr	3.5
	Albali	2-Epsilon Aquarii	Eps Aqr	3.8
Aquila				
	Altair	53-Alpha Aquilae	Alf Aql	0.9
	Alshain	60-Beta Aquilae	Bet Aql	3.9
	Tarazed	50-Gamma Aquilae	Gam Aql	2.8
Aries				
	Hamal	13-Alpha Arietis	Alf Ari	2.2
	Sheratan	6-Beta Arietis	Bet Ari	2.7
	Mesarthim	5-Gamma2 Arietis	Gam Ari	4.8
Auriga				
	Capella	Alpha Aurigae	Alf Aur	0.1
	Menkalinan	34-Beta Aurigae	Bet Aur	2.1
Boötes				
	Arcturus	16-Alpha Boötis	Alf Boo	0.2
	Nekkar	42-Beta Boötis	Bet Boo	3.6
	Seginus	27-Gamma Boötis	Gam Boo	3.0
	Izar	36-Epsilon Boötis	Eps Boo	2.7
	Muphrid	8-Eta Boötis	Eta Boo	2.8
	Alkalurops	51-Mu1 Boötis	Mu Boo	4.5
Cancer				
	Acubens	65-Alpha Cancri	Alf Cnc	4.3
	Asellus Borealis	43-Gamma Cancri	Gam Cnc	4.7
	Asellus Australis	47-Delta Cancri	Del Cnc	4.2
Canis Major				
	Sirius	9-Alpha Canis Majoris	Alf CMa	-1.6
	Mirzam	2-Beta Canis Majoris	Bet CMa	2.0
	Wezen	25-Delta Canis Majoris	Del CMa	2.0

	Adhara	21-Epsilon Canis Majoris	Eps CMa	1.6
	Furud	1-Zeta Canis Majoris	Zet CMa	3.1
	Aludra	31-Eta Canis Majoris	Eta CMa	2.4
Canis Minor				
	Procyon	10-Alpha Canis Minoris	Alf CMi	0.5
	Gomeisa	3-Beta Canis Minoris	Bet CMi	3.1
Canis Venatici				
	Cor Caroli	12-Alpha Canum Venaticorum	Alf CVn	2.9
	Chara	8-Beta Canum Venaticorum	Bet CVn	4.3
Capricornus				
	Algedi	6-Alpha2 Capricorni	Alf Cap	3.8
	Dabih	9-Beta1 Capricorni	Bet Cap	3.3
	Nashira	40-Gamma Capricorni	Gam Cap	3.8
	Deneb Algedi	49-Delta Capricorni	Del Cap	3.0
Carina				
	Canopus	Alpha Carinae	Alf Car	-0.9
	Miaplacidus	Beta Carinae	Bet Car	1.8
	Avior	Epsilon Carinae	Eps Car	1.7
	Aspidiske	Iota Carinae	Iot Car	2.3
Cassiopeia				
	Schedar	18-Alpha Cassiopeiae	Alf Cas	2.5
	Caph	Beta Cassiopeia	Bet Cas	2.3
	Navi	27-Gamma Cassiopeiae	Gam Cas	2.8
	Ruchbah	37-Delta Cassiopeiae	Del Cas	2.7
Centaurus				
	Alpha Centauri	Alpha1 Centauri	Alf Cen	0.1
	Hadar	Beta Centauri	Bet Cen	0.9
	Menkent	5-Theta Centauri	Tet Cen	2.3
Cepheus				
	Alderamin	5-Alpha Cephei	Alf Cep	2.6
	Alfirk	8-Beta Cephei	Bet Cep	3.3
	Erral	35-Gamma Cephei	Gam Cep	3.4
	Kurhah	17-Xi Cephei	Xi Cep	4.6
Cetus				
	Menkar	92-Alpha Ceti	Alf Cet	2.8
	Diphda	16-Beta Ceti	Bet Cet	2.2
	Kaffaljdhma	86-Gamma Ceti	Gam Cet	3.6
	Baten Kaitos	55-Zeta Ceti	Zet Cet	3.9
	Mira	Omicron Ceti	Omi Cet	2.1

Columba

Phact	Alpha Columbae	Alf Col	2.8
Wazn	Beta Columbae	Bet Col	3.2

Corona Borealis

Alphecca	5-Alpha Coronae Borealis	Alf CrB	2.3
Nusakan	3-Beta Coronae Borealis	Bet CrB	3.7

Corvus

Alchiba	1-Alpha Corvi	Alf Crv	4.2
Gienah	4-Gamma Corvi	Gam Crv	2.8
Algorab	7-Delta Corvi	Del Crv	3.1

Crater

Alkes	7-Alpha Crateris	Alf Crt	4.2
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Crux

Acrux	Alpha2 Crucis	Alf Cru	1.6
Mimosa	Beta Crucis	Bet Cru	1.5
Gacrux	Gamma Crucis	Gam Cru	1.6

Cygnus

Deneb	50-Alpha Cygni	Alf Cyg	1.3
Albireo	6-Beta1 Cygni	Bet Cyg	3.2
Sadr	37-Gamma Cygni	Gam Cyg	2.3

Draco

Thuban	11-Alpha Draconis	Alf Dra	3.6
Rastaban	23-Beta Draconis	Bet Dra	3.0
Eltanin	33-Gamma Draconis	Gam Dra	2.4
Altair	57-Delta Draconis	Del Dra	3.2
Edasich	12-Iota Draconis	Iot Dra	3.5
Giasar	1-Lambda Draconis	Lam Dra	4.1
Alrakis	21-Mu Draconis	Mu Dra	5.1
Grumium	32-Xi Draconis	Xi Dra	3.9

Equuleus

Kitelpha	8-Alpha Equulei	Alf Equ	4.1
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Eridanus

Achernar	Alpha Eridani	Alf Eri	0.6
Cursa	67-Beta Eridani	Bet Eri	2.9
Zaurak	34-Gamma Eridani	Gam Eri	3.2
Azha	3-Eta Eridani	Eta Eri	4.0
Acamar	Theta Eridani	Tet Eri	3.2
Beid	38-Omicron Eridani	Omi Eri	4.1
Keid	40-Omicron2 Eridani	Omi Eri	4.5

Gemini

Castor	66-Alpha Geminorum	Alf Gem	1.6
Pollux	78-Beta Geminorum	Bet Gem	1.2
Alhena	24-Gamma Geminorum	Gam Gem	1.9
Wasat	55-Delta Geminorum	Del Gem	3.5
Mebсутa	27-Epsilon Geminorum	Eps Gem	3.2
Mekbuda	43-Zeta Geminorum	Zet Gem	3.9
Propus	Eta Geminorum	Eta Gem	3.3

Grus

AlNair	Alpha Gruis	Alf Gru	2.2
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Hercules

Rasalgethi	64-Alpha Herculis	Alf Her	3.5
Kornephoros	27-Beta Herculis	Bet Her	2.8

Hydra

Alphard	30-Alpha Hydrae	Alf Hya	2.2
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Leo

Regulus	32-Alpha Leonis	Alf Leo	1.3
Denebola	94-Beta Leonis	Bet Leo	2.2
Algieba	41-Gamma2 Leonis	Gam Leo	2.6
Zosma	68-Delta Leonis	Del Leo	2.6
Adhafera	36-Zeta Leonis	Zet Leo	3.6
Alterf	4-Lambda Leonis	Lam Leo	4.5
Chertan	70-Theta Leonis	Tet Leo	3.4
Rasalas	24-Mu Leonis	Mu Leo	4.1
Arneb	11-Alpha Leporis	Alf Lep	2.7
Nihal	9-Beta Leporis	Bet Lep	3.0

Libra

Zubelgenubi	9-Alpha2 Librae	Alf Lib	2.9
Zubeneschamali	27-Beta Librae	Bet Lib	2.7

Lyra

Vega	3-Alpha Lyrae	Alf Lyr	0.1
Sheliak	10-Beta Lyrae	Bet Lyr	3.9
Sulafat	14-Gamma Lyrae	Gam Lyr	3.3

Ophiuchus

Rasalhague	55-Alpha Ophiuchi	Alf Oph	2.1
Cebalrai	60-Beta Ophiuchi	Bet Oph	2.9
Yed Prior	1-Delta Ophiuchi	Del Oph	3.0
Yed Posterior	2-Epsilon Ophiuchi	Eps Oph	3.3
Sabik	35-Eta Ophiuchi	Eta Oph	2.6
Marfik	10-Lambda Ophiuchi	Lam Oph	3.9

Orion

Betelgeuse	58-Alpha Orionis	Alf Ori	0.6
Rigel	19-Beta Orionis	Bet Ori	0.3
Bellatrix	24-Gamma Orionis	Gam Ori	1.7
Alnilam	46-Epsilon Orionis	Eps Ori	1.8
Mintaka	34-Delta Orionis	Del Ori	2.5
Alnitak	50-Zeta Orionis	Zet Ori	2.0
Trapezium	41-Theta1 Orionis	Tet Ori	5.4
Saiph	53-Kappa Orionis	Kap Ori	2.2
Meissa	39-Lambda Orionis	Lam Ori	3.7

Pavo

Peacock	Alpha Pavonis	Alf Pav	2.1
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Pegasus

Markab	54-Alpha Pegasi	Alf Peg	2.6
Scheat	53-Beta Pegasi	Bet Peg	2.6
Algenib	88-Gamma Pegasi	Gam Peg	2.9
Enif	8-Epsilon Pegasi	Eps Peg	2.5
Homam	42-Zeta Pegasi	Zet Peg	3.6
Matar	44-Eta Pegasi	Eta Peg	3.1
Biham	26-Theta Pegasi	Tet Peg	3.7

Perseus

Mirfak	33-Alpha Persei	Alf Per	1.9
Algol	26-Beta Persei	Bet Per	2.9
Atik	44-Zeta Persei	Zet Per	2.9
Menkib	46-Xi Persei	Xi Per	4.0

Phoenix

Ankaa	Alpha Phoenicis	Alf Phe	2.4
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Pisces

Alrescha	113-Alpha Piscium	Alf Psc	4.3
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Piscis Austrinus

Fomalhaut	24-Alpha Piscis Austrini	Alf PsA	1.3
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Sagittarius

Rukbat	Alpha Sagittarii	Alf Sgr	4.1
Arkab	Beta1 Sagittarii	Bet Sgr	4.3
Alnasi	10-Gamma2 Sagittarii	Gam Sgr	3.1
Kaus Media	19-Delta Sagittarii	Del Sgr	2.8
Kaus Australis	20-Epsilon Sagittarii	Eps Sgr	2.0
Ascella	38-Zeta Sagittarii	Zet Sgr	2.7
Kaus Borealis	22-Lambda Sagittarii	Lam Sgr	2.9
Nunki	34-Sigma Sagittarii	Sig Sgr	2.1

Scorpius

Antares	21-Alpha Scorpii	Alf Sco	1.1
Graffias	8-Beta Scorpii	Bet Sco	2.9
Shaula	35-Lambda Scorpii	Lam Sco	1.7
Lesath	34-Upsilon Scorpii	Ups Sco	2.8

Serpens

Unukalhai	24-Alpha Serpentis	Alf Ser	2.8
Alya	63-Theta Serpentis	Tet Ser	4.5

Taurus

Aldebaran	87-Alpha Tauri	Alf Tau	1.1
Elnath	112-Beta Tauri	Bet Tau	1.8
Alcyone	25-Eta Tauri	Eta Tau	3.0
Celaeno	16 Tauri	16 Tau	5.4
Electra	17 Tauri	17 Tau	3.8
Taygeta	19 Tauri	19 Tau	4.4
Maia	20 Tauri	20 Tau	3.9
Sterope	21 Tauri	21 Tau	5.9
Merope	23 Tauri	23 Tau	4.3
Atlas	27 Tauri	27 Tau	3.8
Pleione	28 Tauri	28 Tau	5.2

Triangulum Australe

Atria	Alpha Trianguli Australis	Alf TrA	1.9
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Ursa Major

Dubhe	50-Alpha Ursae Majoris	Alf UMa	2.0
Merak	48-Beta Ursae Majoris	Bet UMa	2.4
Phecda	64-Gamma Ursae Majoris	Gam UMa	2.5
Alioth	77-Delta Ursae Majoris	Eps UMa	1.7
Megrez	69-Delta Ursae Majoris	Del UMa	3.4
Mizar	79-Zeta Ursae Majoris	Zet UMa	2.4
Alkaid	85-Eta Ursae Majoris	Eta UMa	1.9
Talitha	9-Iota Ursae Majoris	Iot UMa	3.0
Tania Borealis	33-Lambda Ursae Majoris	Lam UMa	3.5
Tania Australis	34-Mu Ursae Majoris	Mu UMa	3.2
Alula Borealis	54-Nu Ursae Majoris	Nu UMa	3.7
Alula Australis	53-Xi Ursae Majoris	Xi UMa	3.9
Muscida	1-Omicron Ursae Majoris	Omi UMa	3.5
Alcor	80 Ursae Majoris	80 UMa	4.0

Ursa Minor

Polaris	1-Alpha Ursae Minoris	Alf UMi	2.1
Kochab	7-Beta Ursae Minoris	Bet UMi	2.2

Vela	Pherkad	13-Gamma Ursae Minoris	Gam UMi	3.1
	Regor	Gamma2 Velorum	Gam Vel	1.9
	Suhail	Lambda Velorum	Lam Vel	2.2
Virgo	Spica	67-Alpha Virginis	Alf Vir	1.2
	Zavijava	5-Beta Virginis	Bet Vir	3.8
	Porrina	29-Gamma Virginis	Gam Vir	2.9
	Vindematrix	47-Epsilon Virginis	Eps Vir	3.0
	Zaniah	15-Eta Virginis	Eta Vir	4.0
	Syrma	99-Iota Virginis	lot Vir	4.2