

Constellations (visible at 42° north)

Name	Abrev.	Genitive	Meaning	Stars - IAU Names () = unofficial	Deep Sky	Visibility Months	Notes
Andromeda	AND	Andromedae “an-DRAH-mih-dee”	The Chained Maiden	α - Alpheratz β - Mirach γ - Almach ξ - Adhil υ - Titawin 51 - Nembus 14 - Veritate	M31 - Androm Gal Frederick’s Glory Asterism NGC7662 Blue Snowball Neb	AM 6-11 PM 9-2	Daughter of Cepheus and Cassiopeia
Aquarius	AQR	Aquarii “uh-QUAIR-ee-eye”	The Water Bearer	α - Sadalmelek β - Sadalsuud γ - Sadachbia δ - Skat ε - Albali ζ - (Sadaltager) θ - Ancha κ - Situla ξ - Bunda	Water Jar Asterism	AM 5-9 PM 10-1	Depicted as man holding a water jar OR only the jar.
Aquila	AQL	Aquilae “uh-QUILL-ee”	The Eagle	α - Altair β - Alshain γ - Tarazed ζ - Okab ξ - Libertas	NGC6781 Snowball Neb	AM 2-8 PM 6-11	Carried Zeus’s thunderbolts.
Aries	ARI	Arietis “uh-RYE-ih-tis”	The Ram	α - Hamal β - Sheratan γ - Mesarthim δ - Botein 41 - Bharani 39 - Lili Borea	Northern Fly Asterism	AM 6-11 PM 9-3	The ram of the Golden Fleece stolen by Jason & Argonauts.
Auriga	AUR	Aurigae “aw-RYE-jee”	The Charioteer	α - Capella β - Menkalinan γ - none [formerly Elnath] ε - Almaaz ζ - Saclateni η - Haedus θ - Mahasim ι - Hassaleh	The Kids (of the goat star Capella) Asterism The Minnow Asterism	AM 7-2 PM 10-5	In Greek, identified with Erichthonius of Athens.
Bootes	BOO	Bootis “bo-OH-tiss”	The Herdsman OR Plowman	α - Arcturus β - Nekkar γ - Seginus ε - Izar η - Muphrid λ - Xuange μ ¹ - Alkalurops 38 - Merga	Napoleon’s Hat Asterism	AM 11-6 PM 3-10	Not clear who is referred to as the herdsman.
Camelopardalis	CAM	Camelopardalis	The Giraffe	SAO7500 - Tonatiuh	Kemble’s Cascade Asterism	AM all PM all	Name literally - spotted camel
Cancer	CNC	Cancri “CAN=cry”	The Crab	α - Acubens β - Tarf γ - Asellus Borealis δ - Asellus Australis ε - Meleph ζ - Tegmine λ - Piautos ξ - Nahn ρ ¹ - Copernicus	M44 - Beehive Cluster	AM 10-3 PM 1-6	The crab that bit Heracles.
Canes Venatici	CVN	Canum Venaticorum “CAN-um ven-ah-ti-CORE-um”	The Hunting Dogs	α - Cor Caroli β - Chara γ - La Superba	M51 - Whirlpool Galaxy	AM 11-6 PM 3-9	Named the “Dogs of Bootes” through a mistranslation over 500 years ago. In Greek, Bootes’ club.
Canis Major	CMA	Canis Majoris “CANE-iss major-iss”	The Great Dog	α - Sirius β - Mirzam γ - Muliphein δ - Wezen ε - Adhara ζ - Furud η - Aludra σ - Unurgunite	M41 - Little Beehive Cluster	AM 10-12 PM 12-4	Refers to different dogs depending on the myth.
Canis Minor	CMI	Canis Minoris “CANE-iss mih-NOR-iss”	The Lesser Dog	α - Procyon β - Gomeisa		AM 9-1 PM 12-5	“Lesser” originally meant “dimmer.”
Capricornus	CAP	Capricorni “CAP-rih-CORN-eye”	The Sea Goat	α - Algedi β - Dabih γ - Nashira δ - Deneb Algedi υ - Alshat	M30 - Globular Cluster	AM 5-8 PM 9-12	Depicted as a fish-goat for over 4000 yrs.
Cassiopeia	CAS	Cassiopeiae “CASS-ee-uh-PEE-ye”	The Seated Queen	α - Shedar β - Caph γ - (Navi) δ - Ruchbah ε - Segin ζ - Fulu η - Achird υ ² - Castula	Heart & Soul Nebulas M52 & M103 Open Clusters	AM all PM all	Mother of Andromeda and wife of Cepheus.
Centaurus	CEN	Centauri “sen-TOR-eye”	The Centaur	[partial] α - Rigel Kentaurus θ - Menkent		AM 1-2 PM 6-7	Only the top - visible on horizon.
Cepheus	CEP	Cephei “SEE-fee-eye”	The King	α - Alderamin β - Alfirk γ - Errai μ - (Garnet Star) ξ - Kurhah	NGC7023 - Iris Nebula	AM all PM all	Husband of Cassiopeia
Cetus	CET	Ceti “SEE-tie”	The Sea Monster	α - Menkar β - Diphda γ - Kaffaljidhma ζ - Baten Kaitos ο - Mira	M77 galaxy	AM 6-10 PM 10-2	Slain by Perseus to save Andromeda
Coma Berenices	COM	Comae Bernices “COE-mee BER-uh-NICE-eez”	Berenice’s Hair	α - Diadem	Northern part of the Virgo Galaxy Cluster (M85 M88 M91 M98 M99 M100)	AM 11-6 PM 3-9	Queen Berenice II of Egypt sacrificed her long hair to the gods.
Corona Australis	CRA	Coronae Australis “cor-OWN-ee aw-STRAY-liss	The Southern Crown	α - Meridiana		AM 3-6 PM 7-10	
Corona Borealis	CRB	Coronae Borealis “cor-OWN-ee BORE-ee-AL-iss”	The Northern Crown	α - Alphecca β - Nusakan		AM 12-7 PM 3-11	Crown given by Dionysus to Ariadne.
Corvus	CRV	Corvi “COR-vye”	The Crow	α - Alchiba β - Kraz γ - Gienah δ - Algorab ε - (Minkar)		AM 12-3 PM 3-7	Apollo turned white crow black.
Crater	CRT	Crateris “cruh-TEE-riss”	The Cup	α - Alkes		AM 12-3 PM 3-7	Apollo’s cup
Cygnus	CYG	Cygni “SIG=nye”	The Swan	α - Deneb β - Albireo γ - Sadr δ - Fawaris ε - Aljanah π ¹ - Azelfafage	M39 - Open Cluster	AM 2-9 PM 5-1	Identified with several myths.
Delphinus	DEL	Delphini “del-FINE-eye”	The Dolphin	α - Sualocin β - Rotanev ε - Aldulfin 18 - Musica		AM 3-8 PM 7-12	Identified with several myths.
Draco	DRA	Draconis “druh-CONE-iss”	The Dragon	α - Thuban β - Rastaban γ - Eltanin δ - Altair ε - (Tyl) ζ - Aldhibah η - Athebyne ι - Edasich λ - Giausar μ - Alrakis υ - (Kuma) ξ - Grumium σ - Alsafi ψ - Dziban 7 - Tianyi 8 - Taiyi 42 - Fafnir Alruba	NGC6543 - Cat’s Eye Nebula	AM all PM all	Dragon killed by goddess Minerva and tossed into the sky.
Equuleus	EQL	Equulei “eh-QUOO-le-eye”	The Little Horse	α - Kitalpha		AM 3-8 PM 6-12	Identified with several myths.
Eridanus	ERI	Eridani “ir_RID-un-eye”	The River	[partial] α - Achernar β - Cursa γ - Zaurak ε - Ran ζ - Zibal θ -Acamar		AM 8-11 PM 1-3	Identified with several myths.
Fornax	FOR	Fornacis “for-NAY-siss”	The Furnace	α - Dalim		AM 8-10 PM 1-3	Named in 1700s.
Gemini	GEM	Geminorum “Jem-uh-NOR-um”	The Twins	α - Castor β - Pollux γ - Alhena δ - Wasat ε - Mabsuta ζ - Mekbuda η - Propus μ - Tejat ξ - Alzirr ο - Jishui	M35 - Open Cluster	AM 9-2 PM 12-5	The twins: Castor & Pollux placed in the sky to give them immortality.

Name	Abrev.	Genitive	Meaning	Stars - IAU Names () = unofficial	Deep Sky	Visibility Months	Notes
Hercules	HER	Herculis "HER-kyuh-liss"	Hercules	α - Rasalgethi β - Kornephoros δ - Sarin κ - Marsic λ - Maasym ω - Cujam Ogma	M13 - Great Hercules Globular Cluster	AM 12-7 PM 4-12	Roman hero and god.
Hydra	HYA	Hydrae "HIGH-dree"	The Water Snake	α - Alphard ε - Ashlesha σ - Minchir υ - Zhang Felis	M83 - S. Pinwheel Galaxy	AM 10-1 PM 2-5	Thrown into sky by Apollo.
Lacerta	LAC	Lacertae "luh-SER-tee"	The Lizard			AM 3-11 PM 6-2	Named in 1687.
Leo	LEO	Leonis "lee-OH-niss"	The Lion	α - Regulus β - Denebola γ - Algieba δ - Zosma ε - (Algenubi) ζ - Adhafera θ - Chertan λ - Alterf μ - Rasalas ο - Subra	Leo Triplet of Galaxies	AM 10-4 PM 1-7	Killed by Hercules. Commemorated by Zeus by putting in sky.
Leo Minor	LMI	Leonis Minoris	The Smaller Lion	46 - Praecipua		AM 10-4 PM 1-7	Named in 1687.
Lepus	LEP	Leporis "LEP-or-iss"	The Hare	α - Arneb β - Nihal	HInd's Crimson Star	AM 9-12 PM 12-4	Hare hunted by Orion.
Libra	LIB	Librae "LEE-bree"	The Scales	α - Zubenelgenubi β - Zubeneschamali γ - Zubenelhakrabi σ - Brachium		AM 1-5 PM 5-8	Ancient association to law & fairness
Lynx	LYN	Lyncis "LIN-siss"	The Lynx	31 - Alsciaukat		AM 8-4 PM 11-7	Named in 1687.
Lyra	LYR	Lyrae "LYR-ree"	The Lyre	α - Vega β - Sheliak γ - Sulafat ε - (Double-Double) η - Aladfar	M57 - Ring Nebula	AM 1-8 PM 4-12	The lyre of Orpheus.
Monoceros	MON	Monocerotis "muh-NAH-ser-OH-tiss"	The Unicorn		M50 - Open Cluster	AM 9-1 PM 12-5	Named in 1612.
Ophiuchus	OPH	Ophiuchi "OAF-ee-YOO-kye"	The Serpent Bearer	α - Rasalhague β - Cebalrai δ - Yed Prior ε - Yed Posterior η - Sabik λ - Marfik 36 - Guniibuu Barnard's Star	M10 - Globular Cluster	AM 1-7 PM 6-11	Identified with several myths.
Orion	ORI	Orionis "or-eye-OH-niss"	The Hunter	α - Betelgeuse β - Rigel γ - Bellatrix δ - Mintaka ε - Alnilam ζ - Alnitak ι - Hatysa κ - Saiph λ - Meissa π ³ - Tabit	M42 - Orion Nebula	AM 8-12 PM 11-4	Son of Poseidon (Neptune)
Pegasus	PEG	Pegasi "PEG-us-eye"	The Winged Horse	α - Markab β - Scheat γ - Algenib δ - [formerly Alpharatz] ε - Enif ζ - Hornam η - Matar θ - Biham μ - Sadalbari τ - Salm υ - Alkarab 51 - Helvetios	M15 - Globular Cluster	AM 6-11 PM 9-2	Winged horse of Perseus
Perseus	PER	Persei "PER-see-eye"	The Hero	α - Mirfak β - Algol η - Miram κ - Misam ο - Atik ξ - Menkib	M76 - Little Dumbbell Nebula	AM 6-12 PM 9-5	Son of Zeus. Saved Andromeda.
Pisces	PSC	Piscium "PICE-ee-um"	The Fishes	α - Alrescha β - Fumalsamakah ζ - Revati η - Alpherq ο - Torcular	M74 - galaxy	AM 6-10 PM 10-2	The fish that rescued Venus and Cupid from a monster.
Sagitta	SGE	Sagittae "suh-JIT-ee"	The Arrow	α - Sham	M71 - Globular Cluster	AM 2-8 PM 6-12	The arrow used by Hercules to kill Aquila the Eagle
Sagittarius	SGR	Sagittarii "SAJ-ih-TARE-ee-eye"	The Archer	α - Rukbat β ¹ - Arkab Prior β ² - Arkab Posterior γ ² - Alnasi δ - Kaus Media ε - Kaus Australis ζ - Ascella λ - Kaus Borealis μ - Polis ν ¹ - Ainalrami π - Albaldah σ - Nunki ω - Terebellum	Sagittarius A* (Black Hole) M8 - Lagoon Nebula	AM 3-6 PM 7-10	A centaur archer with multiple origin myths.
Scorpius	SCO	Scorpii "SCOR-pee-eye"	The Scorpion	α - Antares β ¹ - Acrab δ - Dschubba ε - Larawag θ - Sargas λ - Shaula μ ¹ - Xamidimura μ ² - Pipirima ν - Jabba π - Fang ρ - Iklil σ - Alniyat τ - Paikauhale υ - Lesath Fuyue	M6 - Butterfly Cluster	AM 2-5 PM 7-9	The Scorpion sent to kill Orion.
Scutum	SCT	Scuti "SCOOT-eye"	The Shield		M11 - Open Cluster	AM 2-7 PM 6-10	Named in 1684.
	SER	Serpentis "ser-PEN-tiss"	The Serpent	α - Unukalhai θ - Alya	M16 - Eagle Nebula	AM 1-7 PM 6-11	The serpent of Ophiuchus.
Sextans	SEX	Sextantis "sex-TAN-tiss"	The Sextant		NGC3115 - Spindle Galaxy	AM 10-1 PM 2-5	Named in 1867.
Taurus	TAU	Tauri "TOR-eye"	The Bull	α - Aldebaran β - Elnath γ - Prima Hyadum δ - Secunda Hyadum ε - Ain ζ - Tianguan η - Alcyone θ - Chamukuy 16- Celaeno 17- Electra 19- Taygeta 20- Maia 21- Asterope 23- Merope 27- Atlas 28 -Pleiome	M45 - Pleiades M1 - Crab Nebula Hyades	AM 8-1 PM 11-4	Seen as a bull since the Stone Age.
Triangulum	TRI	Tranguli "try-ANG-gyuh-lye"	The Triangle	α - Mothallah	M33 - Triangulum Galaxy	AM 6-11 PM 9-3	Seen as a Δ by the ancient Greeks.
Ursa Major	UMA	Ursae Majoris "ER-see muh-JOR-iss"	The Big Bear	α - Dubhe β - Merak γ - Phecda δ - Megrez ε - Alioth ζ - Mizar η - Alkaid ι - Talitha κ - Alkaphrah λ - Tania Borealis μ - Tania Australis ν - Alula Borealis ξ - Alula Australis ο - Muscida χ - Taiyangshou 47 - Chalawan 80 - Alcor Interocrus [formerly 41 Lyncis]	M81 - Bode's Galaxy	AM all PM all	Juno turns the nymph, Callisto, into a bear to protect her. Jupiter turns her son into a bear also and puts them both in the sky.
Ursa Minor	UMI	Ursae Minoris "Er-see mih-NOR-iss"	The Little Bear	α - Polaris β - Kochab γ - Pherkad δ - (Yildun) ε - (Urodelus) ζ - (Akfa al Farkadain) η - (Anwar al Farkadain)		AM all PM all	Callisto's son, Arcas.
Virgo	VIR	Virginis "VER-jin-iss"	The Maiden	α - Spica β - Zavijava γ - Porrima δ - Minelauva ε - Vindemiatrix ζ - Heze η - Zaniah ι - Syrma κ - Kang λ - Khambalia φ - Elgafar Lich	Virgo Galaxy Cluster: M60, M84, M86, M87	AM 12-5 PM 3-8	Identified with several myths.
Vulpecula	VUL	Vulpeculae "vul-PECK-yuh-lee"	The Fox	α - Anser	M27 - Dumbbell Nebula	AM 2-8 PM 6-12	Named in the 1600s.