

# ASTRONOMICAL PRONUNCIATION GUIDE

## Planets and Satellites

**Mercury**                    MIRK-you-ree

**Venus**                      VEE-nus

**Mars**                        MARZ

Deimos                    DYE-mos

Phobos                    FOE-bos

**Jupiter**                    JOO-pi-ter

Adrastea                ah-DRAHS-tee-ah

Amalthea                ah-mal-THEE-ah

Ananke                    AYE-nan-kee

Callisto                   ka-LIS-toe

Calypso                  ka-LIP-soe

Carme                    KAR-mee

Elara                      EE-lahr-ah

Europa                    you-ROE-pah

Ganymede                GAN-eh-meed

Himalia                   HIM-ah-lee-ah

Io                          EYE-oh

Leda                        LEE-dah

Lysithea                lis-ih-THEE-ah

Metis                      MEE-tis

Pasiphae                pa-SIF-ah-ee

Sinope                    si-NOE-pee

Thebe                      THEE-bee

**Saturn**                      SA-turn

Atlas                      AT-lus

Dione                      dye-ON-ee

Enceladus                en-SELL-ah-dus

Epimetheus            ep-a-MEE-thus

Hyperion                hye-PER-ee-on

Iapetus                   ee-AHP-eh-tus

Janus                      JAY-nus

Mimas                    MYE-mus

Pandora                pan-DOOR-ah

Phoebe                   FEE-bee

Prometheus            pro-MEE-thee-us

Rhea	REE-ah
Telesto	tah-LES-toe
Tethys	TEE-this
Titan	TYE-tun
<b>Uranus</b>	YOU-rah-nus
Ariel	AIR-ee-el
Miranda	mi-RAN-dah
Oberon	OH-ba-ron
Titania	tye-TAIN-ee-ah
Umbriel	UM-bree-el
<b>Neptune</b>	NEP-toon
Nereid	NAIR-ee-id
Triton	TRY-ton
<b>Pluto</b>	PLOO-toe
Charon	CARE-en
<b>Asteroids</b>	ASS-ter-oids
Ceres	SAIR-eez
Juno	JEW-noh
Pallas	PAL-us
Vesta	VEST-ah

## Surface Features

### Mars

Aeolis	eye-OH-lis
Aeria	AIR-ee-uh
Aetheria	eye-THEE-ree-uh
Aethiopsis	eye-THEE-oh-pus
Amazonis	A-muh-ZAHN-is
Arcadia	ar-KAY-dee-uh
Argyre	AIR-jir
Chryse	KRY-see
Cimmerium	sim-AIR-ee-um
Cydonia	sy-DOHN-ee-ah
Dia	DIA-ah
Diacria	die-ah-KREE-ah
Electris	ee-LEK-tris

Elysium	ih-LEE-zee-um
Eridania	eh-rid-AH-nee-ah
Erythraeum	air-ih-THRY-um
Hellas	HELL-us
Hesperia	hes-PAIR-ee-ah
Iapygia	yah-PIE-jee-ah
Lacus	LAH-kus
Meridiani	mair-id-ee-AH-nee
Mesogaea	mess-oh-GUY-ah
Ogygis	oh-JEE-jis
Oxia	OX-ee-ah
Sabaeus	sa-BYE-us
Solis	SOH-lis
Syrtis	SEAR-tis
Tharsis	THAR-sis
Tyrrhenum	tir-REEN-um
Zephyria	zef-EAR-ee-ah

### **Moon**

Aestuum	ice-TOO-um
Australe	oss-TRAY-lee
Crisium	KRY-see-um
Fecunditatis	feh-KUN-di-TAH-tis
Frigoris	fri-JOR-is
Humorum	HEW-mohr-um
Imbrium	IM-bree-um
Iridum	EAR-ih-dum
Mare	MAH-ray
Medii	MED-ee-yee
Mortis	MOHR-tis
Nebularum	neb-you-LAHR-um
Nectaris	nek-TAHR-is
Nubium	NEW-bee-um
Oceanus	oh-she-AH-nus
Palus	PAL-us
Procellarum	pro-sell-LAHR-um
Putridinus	pew-trih-DEEN-us
Roris	ROAR-is
Serenitatis	seh-REN-ih-TAH-tis
Sinus	SIGN-us
Smythii	SMITH-ee-yee
Somnii	SOM-nee-yee
Somniorum	som-nee-YOR-um
Spumans	SPOO-manz
Tranquillitatis	tran-KWIL-ih-TAH-tis

Undarum      un-DAR-um  
 Vaporum     vay-PORE-um

## The Bright Navigation Stars

Acamar	$\theta$ Eri	AY-kuh-mar
Achernar	$\alpha$ Eri	AY-ker-nar
Acrux	$\alpha$ Cru	AY-kruhks
Adhara	$\varepsilon$ CMa	ah-DAY-rah
Aldebaran	$\alpha$ Tau	al-DEB-ah-ran
Alioth	$\varepsilon$ UMa	AL-ee-oth
Alkaid	$\eta$ UMa	al-KADE
Al Nair	$\alpha$ Gru	al-NAYR
Alnilam	$\varepsilon$ Ori	al-NIGH-lam
Alphard	$\alpha$ Hya	AL-fard
Alphecca	$\alpha$ CrB	al-FECK-ah
Alpheratz	$\alpha$ And	al-FEE-rahts
Altair	$\alpha$ Aql	al-TAYR
Ankaa	$\alpha$ Phe	AN-kuh
Antares	$\alpha$ Sco	an-TAIR-eez
Arcturus	$\alpha$ Boo	ark-TOO-rus
Atria	$\alpha$ TrA	AT-ri-ah
Avoir	$\varepsilon$ Car	AY-vee-or
Bellatrix	$\gamma$ Ori	BEL-a-trix
Betelgeuse	$\alpha$ Ori	BET-el-jooz
Canopus	$\alpha$ Car	kah-NO-pus
Capella	$\alpha$ Aur	kah-PEL-ah
Deneb	$\alpha$ Cyg	DEN-eb
Denebola	$\beta$ Leo	de-NEB-oh-la
Diphda	$\beta$ Cet	DIF-dah
Dubhe	$\alpha$ UMa	DUB-ee
Elnath	$\beta$ Tau	EL-nath
Eltanin	$\gamma$ Dra	el-TAY-nin
Enif	$\varepsilon$ Peg	EEN-if
Fomalhaut	$\alpha$ PsA	FO-mal-ought
Gacrux	$\gamma$ Cru	GAY-kruks
Gienah	$\gamma$ Crv	JEE-nah
Hadar	$\beta$ Cen	HAY-dar
Hamal	$\alpha$ Ari	HAM-al
Kaus Australis	$\varepsilon$ Sgr	KOSS aus-TRAY-lis
Kochab	$\beta$ UMi	KOE-kahb
Markab	$\alpha$ Peg	MAR-kahb
Menkar	$\alpha$ Cet	MEN-kahr
Menkent	$\theta$ Cen	MEN-kent
Miaplasidus	$\beta$ Car	MY-a-PLAS-i-dus
Mirfak	$\alpha$ Per	MEER-fak

Nunki	$\sigma$ Sgr	NUN-kee
Peacock	$\alpha$ Pav	PEE-kok
Polaris	$\alpha$ UMi	poe-LAHR-is
Pollux	$\beta$ Gem	POL-lucks
Procyon	$\alpha$ CMi	PRO-see-on
Rasalhague	$\alpha$ Oph	RAS-al-haig
Regulus	$\alpha$ Leo	REG-you-lus
Rigel	$\beta$ Ori	RYE-jel
Rigel Kent	$\alpha$ Cen	RYE-jel KENT
Sabik	$\eta$ Oph	SAY-bik
Schedar	$\alpha$ Cas	SHED-ahr
Shaula	$\lambda$ Sco	SHAW-la
Sirius	$\alpha$ CMa	SEER-ee-us
Spica	$\alpha$ Vir	SPY-kah
Suhail	$\lambda$ Vel	soo-HALE
Vega	$\alpha$ Lyr	VAY-gah
Zubenelgenube	$\alpha$ Lib	zoo-BEN-al-je-NEW-bee

## Constellations

Andromeda	And	an-DROM-eh-duh
Antlia	Ant	ANT-lih-uh
Apus	Aps	AY-pus
Aquarius	Aqr	ack-KWAIR-ee-us
Aquila	Aql	ACK-will-ah
Ara	Ara	AY-ruh
Aries	Ari	AIR-eez
Auriga	Aur	or-EYE-gah
Bootes	Boo	boe-OO-teez
Caelum	Cae	SEE-lum
Camelopardalis	Cam	ka-MEL-oh-PAR-da-lis
Cancer	Can	KAN-surr
Canes Venatici	CVn	KAY-neeZ ven-AT-iss-see
Canis Major	CMa	KAY-nis MAY-jeer
Canis Minor	CMi	KAY-nis MAY-ner
Capricornus	Cap	kap-rih-KORN-nus
Carina	Car	ka-REEN-uh
Cassiopeia	Cas	kass-ee-oh-PEE-yah
Centaurus	Cen	sen-TAW-rus
Cepheus	Cep	SEE-fee-us
Cetus	Cet	SEE-tuss
Chamaeleon	Cha	ka-MEEL-eon
Circinus	Cir	SUR-sin-us
Columba	Col	ko-LUM-bah
Coma	Com	KO-mah
Berenices	Ber	bear-en-EYE-sees

Corona	-----	kor-OH-nah
Australis	CrA	oss-TRAY-liss
Borealis	CrB	bo-ree-ALICE
Corvus	Cor	CORE-vuss
Crater	Crt	KRAY-turr
Crux	Cru	KRUX
Cygnus	Cyg	SIG-nuss
Delphinus	Del	del-FINE-uss
Dorado	Dor	dough-RAH-dough
Draco	Dra	DRAY-ko
Equuleus	Equ	ek-KWOO-lee-us
Eridanus	Eri	eh-RID-ah-nuss
Fornax	For	for-NAX
Gemini	Gem	JEM-in eye
Grus	Gru	GRUSS
Hercules	Her	HER-kyou-leez
Horologium	Hor	hor-o-LO-jee-um
Hydra	Hya	HIGH-druh
Hydrus	Hys	HIGH-drus
Indus	Ind	IN-duss
Lacerta	Lac	la-SIR-tah
Leo	Leo	LEE-oh
Leo Minor	LMi	LEE-oh MY-ner
Lepus	Lep	LEE-puss
Libra	Lib	LEE-brah
Lupus	Lup	LEW-puss
Lynx	Lyn	LINKS
Lyra	Lyr	LYE-ruh
Microscopium	Mic	my-kro-SKO-pee-um
Monoceros	Mon	mon-OSS-er-us
Musca	Mus	MUS-kah
Norma	Nor	NOR-mah
Ophiuchus	Oph	off-ih-YOU-kuss
Orion	Ori	oh-RYE-un
Pegasus	Peg	PEG-uh-uss
Perseus	Per	PURR-see-us
Phoenix	Phe	FEE-nix
Pictor	Pic	PICK-torr
Pisces	Psc	PIE-sees
Piscis	-----	PIE-siss
Austrinus	PsA	oss-TRY-nus
Puppis	Pup	PUPP-iss
Pyxis	Pyx	PICK-siss
Sagitta	Sag	sah-JIT-tah
Sagittarius	Sgr	saj-ih-TAY-rih-us
Scorpius	Sco	SKOR-pih-uss

Sculptor	Scl	SKULPT-tor
Scutum	Sct	SKYOU-tum
Serpens	Ser	SIR-pens
Sextans	Sex	SEX-tans
Taurus	Tau	TAW-russ
Telescopium	Tel	tell-ih-SKO-pee-um
Triangulum	Tri	try-ANGH-gu-lum
Triangulum	-----	
Australe	TrA	oss-TRAY-lee
Tucana	Tuc	too-KAH-nah
Ursa Major	UMa	URR-sah MAY-ger
Ursa Minor	UMi	URR-sah MY-ner
Vela	Vel	VEE-lah
Virgo	Vir	VER-go
Volans	Vol	VO-lanz
Vulpecula	Vul	vul-PECK-you-lah