

Star Phases for the 15 Brightest Stars at Deep Springs and Nanaimo

Common Name	Scientific Name	m	RA	DEC	Temp (color)	True Phases at Deep Springs				Visible Phases at Deep Springs			
						TMR	TMS	TER	TES	VMR	VMS	VER	VES
Sirius	α Canis Majoris	-1.5	6h 45m	-16.7°	9400K (bluish)	Jul 30	Dec 4	Jan 25	May 31	Aug 14	Nov 19	Feb 9	May 16
Vega	α Lyrae	0.0	18h 37m	+38.8°	9790K (bluish)	Nov 12	Aug 19	May 7	Feb 12	Nov 27	Aug 4	May 22	Jan 28
Capella	α Aurigae	0.0	5h 17m	+46.0°	4800K (yellowish)	May 1	Jan 15	Oct 30	Jul 14	May 16	Dec 31	Nov 14	Jun 29
Arcturus	α Boötis	0.0	14h 16m	+19.2°	4530K (orangish)	Oct 8	May 31	Apr 3	Nov 29	Oct 23	May 16	Apr 18	Nov 14
Rigel	β Orionis	0.1	5h 15m	-8.2°	11100K (bluish)	Jul 5	Nov 21	Jan 2	May 18	Jul 20	Nov 6	Jan 17	May 3
Procyon	α Canis Minoris	0.4	7h 39m	+5.2°	6650K (white)	Jul 27	Dec 31	Jan 23	Jun 28	Aug 11	Dec 16	Feb 7	Jun 13
Altair	α Aquilae	0.8	19h 51m	+8.9°	7830K (white)	Dec 23	Aug 8	Jun 20	Feb 2	Jan 7	Jul 24	Jul 5	Jan 18
Betelgeuse	α Orionis	0.5	5h 55m	+7.4°	3600K (reddish)	Jul 3	Dec 9	Dec 31	Jun 5	Jul 18	Nov 24	Jan 15	May 21
Aldebaran	α Tauri	0.8	4h 36m	+16.5°	3900K (reddish)	Jun 7	Nov 29	Dec 5	May 26	Jun 22	Nov 14	Dec 20	May 11
Spica	α Virginis	1.0	13h 25m	-11.2°	26200K (bluish)	Oct 18	Apr 12	Apr 12	Oct 11	Nov 2	Mar 28	Apr 27	Sep 26
Pollux	β Geminorum	1.1	7h 45m	+28.0°	4660K (orangish)	Jul 11	Jan 21	Jan 8	Jul 23	Jul 26	Jan 6	Jan 23	Jul 8
Antares	α Scorpii	1.0	16h 29m	-26.4°	3500K (reddish)	Dec 5	May 27	Jun 1	Nov 24	Dec 20	May 12	Jun 16	Nov 9
Fomalhaut	α Piscis Austrini	1.2	22h 58m	-29.6°	8730K (white)	Apr 6	Aug 20	Oct 6	Feb 14	Apr 21	Aug 5	Oct 21	Jan 30
Deneb	α Cygni	1.2	20h 41m	+45.3°	9380K (bluish)	Nov 26	Sep 25	May 22	Mar 20	Dec 11	Sep 10	Jun 6	Mar 5
Regulus	α Leonis	1.3	10h 8m	+12.0°	12700K (bluish)	Aug 23	Feb 21	Feb 17	Aug 21	Sep 7	Feb 6	Mar 3	Aug 6

Common Name	True Phases in Nanaimo				Visible Phases in Nanaimo			
	TMR	TMS	TER	TES	VMR	VMS	VER	VES
Sirius	Aug 11	Nov 21	Feb 5	May 17	Aug 26	Nov 6	Feb 20	May 2
Vega	Oct 14	Sep 16	Apr 8	Mar 12	Oct 29	Sep 1	Apr 23	Feb 25
Capella	Circumpolar in Nanaimo				Circumpolar in Nanaimo			
Arcturus	Aug 30	Jun 22	Mar 26	Dec 17	Sep 14	Jun 7	Apr 10	Dec 2
Rigel	Jul 16	Nov 12	Jan 12	May 8	Jul 31	Oct 28	Jan 27	Apr 23
Procyon	Aug 1	Dec 23	Jan 28	Jun 19	Aug 16	Dec 8	Feb 12	Jun 4
Altair	Dec 11	Aug 16	Jun 7	Feb 9	Dec 26	Aug 1	Jun 22	Jan 25
Betelgeuse	Jul 10	Dec 3	Jan 6	May 30	Jul 25	Nov 18	Jan 21	May 15
Aldebaran	Jun 11	Nov 27	Dec 9	May 24	Jun 26	Nov 12	Dec 24	May 9
Spica	Oct 18	Apr 11	Apr 13	Oct 8	Nov 2	Mar 27	Apr 28	Sep 23
Pollux	Jul 8	Feb 3	Jan 4	Aug 1	Jul 23	Jan 19	Jan 19	Jul 17
Antares	Dec 7	May 23	Jun 3	Nov 20	Dec 22	May 8	Jun 18	Nov 5
Fomalhaut	May 10	Aug 12	Nov 7	Feb 6	May 25	Jul 28	Nov 22	Jan 22
Deneb	Circumpolar in Nanaimo				Circumpolar in Nanaimo			
Regulus	Aug 23	Feb 23	Feb 17	Aug 22	Sep 7	Feb 8	Mar 3	Aug 7