

Magnitude		Name and Number	SHA						Declination							
Vis.	S-4		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JAN.	FEB.	MAR.	APR.	MAY	JUNE		
3-2	4.8	γ Cephei	4	58.8	59.3	59.5	59.3	58.7	57.9	N 77	44.2	44.1	43.9	43.8	43.7	43.7
2-5	2-3	α Pegasi	13	35.4	35.5	35.5	35.3	35.2	34.9	N 15	18.1	18.1	18.0	18.0	18.0	18.1
2-4	5-0	β Pegasi	13	50.6	50.6	50.6	50.5	50.3	50.0	N 28	10.9	10.8	10.7	10.7	10.7	10.8
1-2	1-3	α Piscis Aust.	15	20.8	20.9	20.8	20.7	20.5	20.2	S 29	31.8	31.8	31.7	31.6	31.5	31.4
2-1	4-5	β Gruis	19	04.6	04.6	04.6	04.4	04.1	03.8	S 46	47.6	47.5	47.4	47.3	47.2	47.1
2-9	5-0	α Tucanae	25	05.1	05.1	05.0	04.8	04.4	04.0	S 60	10.4	10.3	10.1	10.0	09.8	09.8
1-7	1-8	α Gruis	27	40.3	40.3	40.2	40.0	39.7	39.4	S 46	52.6	52.5	52.4	52.2	52.1	52.1
2-9	3-4	δ Capricorni	32	60.0	60.0	59.9	59.7	59.5	59.2	S 16	02.8	02.8	02.7	02.7	02.6	02.5
2-4	4-8	ε Pegasi	33	44.4	44.3	44.3	44.1	43.9	43.6	N 9	57.5	57.4	57.4	57.4	57.4	57.5
2-9	4-3	β Aquarii	36	52.9	52.8	52.7	52.6	52.4	52.1	S 5	29.5	29.5	29.5	29.5	29.4	29.3
2-4	2-7	α Cephei	40	15.4	15.5	15.3	15.0	14.6	14.2	N 62	39.9	39.7	39.6	39.5	39.5	39.6
2-5	4-0	ε Cygni	48	16.3	16.3	16.2	16.0	15.7	15.5	N 34	02.4	02.2	02.1	02.1	02.2	02.3
1-3	1-4	α Cygni	49	29.8	29.7	29.6	29.4	29.1	28.8	N 45	20.8	20.7	20.5	20.5	20.5	20.7
3-1	4-6	α Indi	50	18.4	18.3	18.1	17.8	17.5	17.2	S 47	13.7	13.6	13.5	13.4	13.4	13.4
1-9	1-7	α Pavonis	53	15.0	14.9	14.6	14.3	13.9	13.5	S 56	40.6	40.5	40.4	40.3	40.2	40.2
2-2	3-1	γ Cygni	54	17.4	17.3	17.1	16.9	16.6	16.4	N 40	19.0	18.8	18.7	18.7	18.7	18.9
0-8	1-0	α Aquilae	62	05.5	05.4	05.3	05.1	04.9	04.7	N 8	55.0	55.0	54.9	54.9	55.0	55.1
2-7	5-0	γ Aquilae	63	13.7	13.6	13.5	13.3	13.1	12.9	N 10	39.5	39.4	39.4	39.4	39.5	39.6
2-9	2-8	δ Cygni	63	37.5	37.4	37.2	36.9	36.6	36.4	N 45	10.6	10.4	10.3	10.3	10.4	10.5
3-1	4-1	β Cygni	67	08.8	08.7	08.5	08.2	08.0	07.8	N 27	59.9	59.8	59.7	59.7	59.8	59.9
2-9	3-6	π Sagittarii	72	18.0	17.9	17.7	17.5	17.2	17.0	S 20	59.6	59.6	59.6	59.5	59.5	59.5
3-0	2-8	ζ Aquilae	73	26.9	26.8	26.6	26.4	26.2	26.0	N 13	53.5	53.4	53.4	53.4	53.4	53.6
2-6	2-7	ζ Sagittarii	74	04.3	04.1	03.9	03.6	03.4	03.2	S 29	51.1	51.1	51.1	51.0	51.0	51.0
2-0	1-9	σ Sagittarii	75	54.9	54.7	54.5	54.2	54.0	53.8	S 26	16.3	16.3	16.3	16.3	16.2	16.2
0-0	0-0	α Lyræ	80	37.3	37.1	36.9	36.6	36.4	36.2	N 38	48.1	48.0	47.9	47.9	48.0	48.1
2-8	4-4	λ Sagittarii	82	44.3	44.1	43.9	43.7	43.4	43.3	S 25	24.5	24.5	24.5	24.5	24.5	24.5
1-9	2-0	ε Sagittarii	83	40.1	39.9	39.6	39.4	39.1	38.9	S 34	22.3	22.3	22.3	22.3	22.3	22.3
2-7	4-8	δ Sagittarii	84	28.4	28.2	27.9	27.7	27.5	27.3	S 29	49.0	49.0	49.0	49.0	49.0	49.0
3-0	4-5	γ Sagittarii	88	16.1	15.9	15.6	15.4	15.2	15.0	S 30	25.2	25.2	25.2	25.2	25.2	25.2
2-2	4-6	γ Draconis	90	45.2	45.0	44.7	44.4	44.2	44.0	N 51	29.2	29.1	29.0	29.0	29.2	29.3
2-8	4-5	β Ophiuchi	93	55.0	54.8	54.6	54.4	54.2	54.1	N 4	33.7	33.6	33.6	33.6	33.7	33.8
2-4	2-1	κ Scorpii	94	04.6	04.3	04.0	03.8	03.5	03.4	S 39	02.1	02.1	02.1	02.1	02.1	02.2
1-9	2-4	θ Scorpii	95	21.4	21.1	20.8	20.6	20.3	20.1	S 43	00.3	00.2	00.2	00.3	00.3	00.4
2-1	2-2	α Ophiuchi	96	03.9	03.7	03.5	03.3	03.1	03.0	N 12	32.9	32.8	32.8	32.8	32.9	33.0
1-6	1-3	λ Scorpii	96	18.1	17.8	17.6	17.3	17.1	16.9	S 37	06.7	06.7	06.7	06.8	06.8	06.8
3-0	2-6	α Arae	96	42.1	41.8	41.5	41.2	40.9	40.7	S 49	53.1	53.1	53.1	53.1	53.1	53.2
2-7	2-4	ν Scorpii	96	60.7	60.5	60.2	59.9	59.7	59.5	S 37	18.3	18.3	18.3	18.4	18.4	18.4
2-8	4-3	β Draconis	97	18.0	17.7	17.4	17.1	16.9	16.8	N 52	17.3	17.1	17.1	17.1	17.2	17.4
2-8	4-4	β Arae	98	18.7	18.4	18.0	17.7	17.4	17.2	S 55	32.4	32.4	32.4	32.4	32.5	32.6
Var.*	Var.†	α Herculis	101	08.4	08.2	08.0	07.8	07.6	07.5	N 14	22.3	22.2	22.1	22.2	22.2	22.3
2-4	2-5	η Ophiuchi	102	09.3	09.0	08.8	08.6	08.4	08.3	S 15	44.6	44.7	44.7	44.7	44.7	44.7
3-1	5-5	ζ Arae	104	58.9	58.6	58.2	57.9	57.6	57.4	S 56	00.7	00.7	00.7	00.8	00.9	01.0
2-3	4-0	ε Scorpii	107	10.5	10.2	10.0	09.7	09.5	09.4	S 34	19.3	19.3	19.3	19.3	19.4	19.4
1-9	4-1	α Triang. Aust.	107	22.1	21.6	21.0	20.5	20.1	19.9	S 69	03.2	03.1	03.2	03.2	03.3	03.5
2-8	3-7	ζ Herculis	109	30.9	30.7	30.5	30.3	30.1	30.1	N 31	34.2	34.1	34.1	34.1	34.2	34.4
2-6	2-5	ζ Ophiuchi	110	28.1	27.9	27.7	27.5	27.3	27.2	S 10	36.0	36.1	36.1	36.1	36.1	36.1
2-8	2-4	τ Scorpii	110	45.3	45.1	44.8	44.6	44.5	44.4	S 28	14.9	15.0	15.0	15.0	15.1	15.1
2-8	4-3	β Herculis	112	15.5	15.3	15.0	14.8	14.7	14.6	N 21	27.1	27.0	26.9	27.0	27.1	27.2
1-0	3-7	α Scorpii	112	22.7	22.5	22.2	22.0	21.8	21.7	S 26	28.0	28.1	28.1	28.2	28.2	28.2
2-7	4-1	η Draconis	113	57.0	56.7	56.3	56.0	55.8	55.8	N 61	28.3	28.2	28.2	28.3	28.4	28.6
2-7	5-1	δ Ophiuchi	116	11.0	10.8	10.6	10.4	10.3	10.2	S 3	44.3	44.3	44.4	44.4	44.4	44.3
2-6	2-4	β Scorpii	118	23.1	22.8	22.6	22.4	22.3	22.2	S 19	51.0	51.1	51.1	51.2	51.2	51.2
2-3	2-1	δ Scorpii	119	39.4	39.1	38.9	38.7	38.5	38.5	S 22	40.1	40.2	40.2	40.3	40.3	40.3
2-9	2-6	π Scorpii	120	01.2	00.9	00.7	00.5	00.4	00.3	S 26	09.7	09.7	09.8	09.8	09.9	09.9
2-8	3-2	β Trianguli Aust.	120	49.4	48.9	48.5	48.1	47.9	47.8	S 63	28.7	28.7	28.8	28.9	29.0	29.1
2-6	4-5	α Serpentis	123	43.0	42.8	42.6	42.4	42.3	42.2	N 6	22.2	22.2	22.1	22.1	22.2	22.3
2-8	2-4	γ Lupi	125	55.2	54.9	54.6	54.4	54.3	54.2	S 41	13.3	13.3	13.4	13.5	13.5	13.6
2-2	2-1	α Coronae Bor.	126	08.6	08.3	08.1	08.0	07.9	07.8	N 26	39.2	39.2	39.1	39.2	39.3	39.4

Magnitude		Name and Number	SHA							Declination							
Vis.	S-4		JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.			
3-2	4.8	<i>γ</i> Cephei	4	57.1	56.6	56.4	56.5	57.0	57.6	N 77	43.8	43.9	44.1	44.3	44.5	44.5	
2-5	2-3	<i>Markab</i>	57	13	34.7	34.5	34.5	34.5	34.6	34.7	N 15	18.2	18.3	18.4	18.5	18.5	18.5
2-4	5-0	<i>Scheat</i>	56	13	49.8	49.6	49.6	49.6	49.7	49.8	N 28	10.9	11.0	11.1	11.2	11.3	11.2
1-2	1-3	<i>Fomalhaut</i>	56	15	20.0	19.8	19.7	19.7	19.8	20.0	S 29	31.3	31.3	31.3	31.4	31.5	31.5
2-1	4-5	<i>β</i> Gruis	56	19	03.5	03.3	03.2	03.3	03.4	03.6	S 46	47.1	47.1	47.2	47.3	47.4	47.4
2-9	5-0	<i>α</i> Tucanae	55	25	03.6	03.4	03.3	03.4	03.7	03.9	S 60	09.8	09.9	10.0	10.1	10.2	10.2
1-7	1-8	<i>Al Na'ir</i>	55	27	39.1	38.9	38.9	39.0	39.1	39.3	S 46	52.1	52.1	52.2	52.3	52.4	52.4
2-9	3-4	<i>δ</i> Capricorni	54	32	59.0	58.9	58.9	59.0	59.1	59.2	S 16	02.5	02.4	02.4	02.5	02.5	02.5
2-4	4-8	<i>Enif</i>	54	33	43.5	43.4	43.3	43.4	43.5	43.6	N 9	57.6	57.7	57.8	57.8	57.8	57.8
2-9	4-3	<i>β</i> Aquarii	54	36	51.9	51.8	51.8	51.9	52.0	52.1	S 5	29.3	29.2	29.2	29.2	29.2	29.3
2-4	2-7	<i>Alderamin</i>	53	40	14.0	13.9	14.1	14.3	14.6	15.0	N 62	39.8	39.9	40.1	40.2	40.3	40.2
2-5	4-0	<i>ε</i> Cygni	53	48	15.3	15.3	15.3	15.5	15.6	15.7	N 34	02.4	02.6	02.7	02.7	02.7	02.7
1-3	1-4	<i>Deneb</i>	53	49	28.7	28.6	28.7	28.9	29.1	29.3	N 45	20.8	21.0	21.1	21.2	21.2	21.1
3-1	4-6	<i>α</i> Indi	52	50	16.9	16.8	16.9	17.1	17.2	17.4	S 47	13.4	13.5	13.6	13.6	13.6	13.6
1-9	1-7	<i>Peacock</i>	52	53	13.3	13.2	13.3	13.5	13.7	13.9	S 56	40.3	40.4	40.5	40.6	40.6	40.5
2-2	3-1	<i>γ</i> Cygni	51	54	16.3	16.2	16.3	16.5	16.7	16.8	N 40	19.0	19.2	19.3	19.4	19.3	19.3
0-8	1-0	<i>Altair</i>	51	62	04.5	04.5	04.6	04.7	04.8	04.9	N 8	55.2	55.3	55.3	55.3	55.3	55.2
2-7	5-0	<i>γ</i> Aquilae	51	63	12.7	12.7	12.8	12.9	13.0	13.1	N 10	39.7	39.8	39.8	39.8	39.8	39.7
2-9	2-8	<i>δ</i> Cygni	51	63	36.3	36.3	36.5	36.7	36.9	37.0	N 45	10.7	10.8	10.9	11.0	10.9	10.8
3-1	4-1	<i>Albireo</i>	51	67	07.7	07.7	07.8	08.0	08.1	08.2	N 28	00.1	00.2	00.3	00.3	00.3	00.2
2-9	3-6	<i>π</i> Sagittarii	50	72	16.9	16.9	17.0	17.1	17.2	17.3	S 20	59.5	59.5	59.5	59.5	59.5	59.5
3-0	2-8	<i>ζ</i> Aquilae	50	73	25.9	25.9	26.0	26.2	26.3	26.3	N 13	53.7	53.7	53.8	53.8	53.8	53.7
2-6	2-7	<i>ζ</i> Sagittarii	50	74	03.0	03.0	03.1	03.3	03.4	03.4	S 29	51.0	51.1	51.1	51.1	51.1	51.1
2-0	1-9	<i>Nunki</i>	50	75	53.7	53.7	53.8	53.9	54.0	54.1	S 26	16.2	16.2	16.3	16.3	16.3	16.3
0-0	0-0	<i>Vega</i>	49	80	36.2	36.3	36.4	36.6	36.8	36.9	N 38	48.3	48.4	48.5	48.4	48.4	48.3
2-8	4-4	<i>λ</i> Sagittarii	48	82	43.2	43.2	43.3	43.5	43.6	43.6	S 25	24.5	24.5	24.5	24.5	24.5	24.5
1-9	2-0	<i>Kaus Australis</i>	48	83	38.8	38.9	39.0	39.2	39.3	39.3	S 34	22.4	22.4	22.4	22.4	22.4	22.4
2-7	4-8	<i>δ</i> Sagittarii	48	84	27.2	27.2	27.3	27.5	27.6	27.6	S 29	49.0	49.1	49.1	49.1	49.1	49.0
3-0	4-5	<i>γ</i> Sagittarii	47	88	14.9	14.9	15.1	15.2	15.3	15.3	S 30	25.2	25.3	25.3	25.3	25.3	25.3
2-2	4-6	<i>Eltanin</i>	47	90	44.0	44.2	44.4	44.7	44.9	45.0	N 51	29.5	29.6	29.6	29.6	29.5	29.4
2-8	4-5	<i>β</i> Ophiuchi	46	93	54.1	54.1	54.2	54.4	54.5	54.4	N 4	33.8	33.9	33.9	33.9	33.8	33.7
2-4	2-1	<i>κ</i> Scorpii	46	94	03.3	03.4	03.5	03.7	03.8	03.8	S 39	02.2	02.3	02.3	02.3	02.2	02.2
1-9	2-4	<i>θ</i> Scorpii	46	95	20.1	20.2	20.3	20.5	20.6	20.6	S 43	00.4	00.5	00.5	00.5	00.4	00.4
2-1	2-2	<i>Rasalhague</i>	46	96	02.9	03.0	03.1	03.3	03.4	03.4	N 12	33.1	33.1	33.1	33.1	33.1	33.0
1-6	1-3	<i>Shaula</i>	45	96	16.9	16.9	17.1	17.2	17.3	17.3	S 37	06.9	06.9	06.9	06.9	06.9	06.8
3-0	2-6	<i>α</i> Arae	45	96	40.7	40.8	41.0	41.2	41.3	41.3	S 49	53.3	53.4	53.4	53.4	53.3	53.2
2-7	2-4	<i>ν</i> Scorpii	45	96	59.5	59.6	59.7	59.9	60.0	59.9	S 37	18.5	18.5	18.5	18.5	18.5	18.4
2-8	4-3	<i>β</i> Draconis	45	97	16.8	17.0	17.3	17.5	17.7	17.8	N 52	17.6	17.7	17.7	17.7	17.5	17.4
2-8	4-4	<i>β</i> Arae	45	98	17.1	17.2	17.3	17.7	17.8	17.8	S 55	32.7	32.8	32.8	32.8	32.7	32.6
Var.*	Var.†	<i>α</i> Herculis	44	101	07.5	07.6	07.7	07.8	07.9	07.9	N 14	22.4	22.5	22.5	22.5	22.4	22.3
2-4	2-5	<i>Sabik</i>	44	102	08.3	08.4	08.5	08.6	08.7	08.6	S 15	44.7	44.7	44.7	44.7	44.7	44.7
3-1	5-5	<i>ζ</i> Arae	44	104	57.4	57.5	57.8	58.0	58.1	58.0	S 56	01.1	01.1	01.1	01.1	01.0	00.9
2-3	4-0	<i>ε</i> Scorpii	43	107	09.4	09.5	09.7	09.8	09.9	09.8	S 34	19.5	19.5	19.5	19.5	19.4	19.4
1-9	4-1	<i>Atria</i>	43	107	20.0	20.2	20.6	21.0	21.2	21.1	S 69	03.6	03.7	03.7	03.6	03.5	03.4
2-8	3-7	<i>ζ</i> Herculis	43	109	30.1	30.2	30.4	30.5	30.6	30.6	N 31	34.5	34.5	34.6	34.5	34.4	34.2
2-6	2-5	<i>ζ</i> Ophiuchi	42	110	27.2	27.3	27.4	27.6	27.6	27.5	S 10	36.1	36.0	36.0	36.0	36.1	36.1
2-8	2-4	<i>τ</i> Scorpii	42	110	44.4	44.4	44.6	44.7	44.8	44.7	S 28	15.1	15.1	15.1	15.1	15.1	15.1
2-8	4-3	<i>β</i> Herculis	42	112	14.7	14.8	14.9	15.0	15.1	15.0	N 21	27.3	27.3	27.3	27.3	27.2	27.1
1-0	3-7	<i>Antares</i>	42	112	21.7	21.8	22.0	22.1	22.1	22.1	S 26	28.2	28.2	28.2	28.2	28.2	28.2
2-7	4-1	<i>η</i> Draconis	42	113	55.9	56.2	56.6	56.9	57.1	57.0	N 61	28.7	28.8	28.8	28.7	28.5	28.3
2-7	5-1	<i>δ</i> Ophiuchi	42	116	10.2	10.3	10.4	10.5	10.5	10.5	S 3	44.3	44.3	44.2	44.3	44.3	44.4
2-6	2-4	<i>β</i> Scorpii	42	118	22.2	22.3	22.4	22.5	22.6	22.5	S 19	51.2	51.2	51.2	51.2	51.2	51.2
2-3	2-1	<i>Dschubba</i>	42	119	38.5	38.6	38.7	38.8	38.8	38.7	S 22	40.3	40.3	40.3	40.3	40.3	40.3
2-9	2-6	<i>π</i> Scorpii	42	120	00.3	00.4	00.6	00.7	00.7	00.6	S 26	09.9	09.9	09.9	09.9	09.8	09.8
2-8	3-2	<i>β</i> Trianguli Aust.	42	120	47.9	48.2	48.5	48.7	48.8	48.6	S 63	29.2	29.3	29.3	29.2	29.1	29.0
2-6	4-5	<i>α</i> Serpentis	41	123	42.3	42.4	42.5	42.6	42.6	42.5	N 6	22.3	22.3	22.4	22.3	22.3	22.2
2-8	2-4	<i>γ</i> Lupi	41	125	54.2	54.4	54.6	54.7	54.7	54.5	S 41	13.7	13.7	13.7	13.6	13.5	13.5
2-2	2-1	<i>Alphecca</i>	41	126	07.9	08.0	08.2	08.3	08.3	08.2	N 26	39.5	39.5	39.5	39.5	39.3	39.2

Magnitude		Name and Number	SHA						Declination							
Vis.	S-4		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JAN.	FEB.	MAR.	APR.	MAY	JUNE		
3-1	3-2	γ Ursæ Minoris	129	50.0	49.5	48.9	48.6	48.5	48.6	N 71	46.0	46.0	46.0	46.1	46.3	46.4
2-9	2-8	γ Trianguli Aust.	129	51.3	50.7	50.2	49.8	49.6	49.6	S 68	44.3	44.3	44.4	44.5	44.6	44.8
2-6	2-4	β Libræ	130	30.6	30.4	30.2	30.0	29.9	29.9	S 9	26.8	26.9	26.9	26.9	26.9	26.9
2-7	2-4	β Lupi	135	04.5	04.2	03.9	03.7	03.6	03.6	S 43	12.0	12.1	12.2	12.3	12.4	12.4
2-8	3-2	α Libræ	39 137	02.1	01.8	01.6	01.5	01.4	01.4	S 16	06.8	06.9	06.9	07.0	07.0	07.0
2-1	4.3	β Ursæ Minoris	40 137	20.7	20.0	19.4	19.1	19.0	19.3	N 74	04.7	04.7	04.7	04.9	05.0	05.2
2.4	3.9	ϵ Bootis	138	33.7	33.5	33.3	33.1	33.1	33.1	N 26	59.9	59.8	59.8	59.9	60.0	60.1
2.3	2.5	α Lupi	139	13.2	12.9	12.6	12.4	12.3	12.3	S 47	27.5	27.6	27.7	27.8	27.9	28.0
-0.3	0.9	α Centauri	38 139	47.6	47.2	46.9	46.6	46.6	46.6	S 60	54.1	54.2	54.3	54.4	54.6	54.7
2.3	2.3	η Centauri	140	50.4	50.1	49.8	49.7	49.6	49.6	S 42	13.9	13.9	14.0	14.1	14.2	14.3
3.0	3.3	γ Bootis	141	48.3	48.0	47.8	47.6	47.6	47.6	N 38	13.7	13.6	13.6	13.7	13.9	14.0
0.0	1.9	α Bootis	37 145	53.0	52.8	52.6	52.5	52.4	52.4	N 19	05.3	05.2	05.2	05.3	05.4	05.4
2.1	3.5	θ Centauri	36 148	03.9	03.7	03.5	03.3	03.3	03.3	S 36	27.2	27.3	27.4	27.5	27.6	27.6
0.6	0.3	β Centauri	35 148	43.5	43.1	42.8	42.6	42.5	42.6	S 60	27.2	27.2	27.4	27.5	27.7	27.8
2.6	2.7	ζ Centauri	150	50.0	49.7	49.5	49.4	49.3	49.4	S 47	22.3	22.3	22.5	22.6	22.7	22.8
2.7	3.6	η Bootis	151	07.1	06.8	06.7	06.6	06.5	06.6	N 18	18.4	18.4	18.4	18.4	18.5	18.6
1.9	1.5	η Ursæ Majoris	34 152	56.5	56.2	56.0	55.9	55.9	56.0	N 49	13.2	13.2	13.3	13.4	13.5	13.6
2.3	2.1	ϵ Centauri	154	44.5	44.1	43.9	43.8	43.7	43.8	S 53	33.1	33.2	33.3	33.5	33.6	33.7
1.0	0.7	α Virginis	33 158	28.0	27.7	27.6	27.5	27.5	27.5	S 11	15.2	15.3	15.3	15.4	15.4	15.4
2.3	2.2	ζ Ursæ Majoris	158	50.5	50.2	50.0	49.9	49.9	50.1	N 54	49.7	49.7	49.8	49.9	50.0	50.1
2.8	2.8	ι Centauri	159	35.8	35.6	35.4	35.3	35.3	35.4	S 36	48.1	48.3	48.4	48.5	48.6	48.6
2.8	4.1	ϵ Virginis	164	14.0	13.8	13.7	13.6	13.6	13.7	N 10	51.7	51.7	51.6	51.7	51.7	51.8
2.9	2.7	α Canum Venat.	165	47.1	46.9	46.7	46.7	46.7	46.8	N 38	13.1	13.1	13.1	13.3	13.4	13.4
1.8	1.5	ϵ Ursæ Majoris	32 166	17.9	17.6	17.4	17.3	17.4	17.6	N 55	51.5	51.5	51.6	51.8	51.9	52.0
1.3	1.0	β Crucis	167	48.1	47.7	47.5	47.4	47.5	47.7	S 59	46.9	47.0	47.2	47.3	47.4	47.5
2.9	3.0	γ Virginis	169	21.5	21.3	21.1	21.1	21.1	21.2	S 1	32.9	32.9	33.0	33.0	33.0	33.0
2.2	2.1	γ Centauri	169	22.1	21.9	21.7	21.7	21.7	21.8	S 49	03.2	03.3	03.5	03.6	03.7	03.8
2.7	2.6	α Muscæ	170	25.5	25.0	24.8	24.7	24.9	25.2	S 69	13.7	13.8	14.0	14.2	14.3	14.4
2.7	4.0	β Corvi	171	10.0	09.7	09.6	09.6	09.6	09.7	S 23	29.6	29.7	29.8	29.9	29.9	30.0
1.6	4.1	γ Crucis	31 171	57.2	56.9	56.7	56.7	56.8	56.9	S 57	12.5	12.6	12.8	13.0	13.1	13.2
1.3	0.5	α Crucis	30 173	05.5	05.1	04.9	04.9	05.0	05.2	S 63	11.6	11.7	11.9	12.1	12.2	12.3
2.6	2.5	γ Corvi	29 175	49.0	48.8	48.7	48.6	48.7	48.8	S 17	38.4	38.5	38.6	38.7	38.7	38.7
2.6	2.4	δ Centauri	177	40.3	40.1	40.0	39.9	40.0	40.2	S 50	49.1	49.2	49.4	49.5	49.6	49.7
2.4	2.4	γ Ursæ Majoris	181	18.5	18.2	18.1	18.1	18.2	18.4	N 53	35.5	35.5	35.6	35.7	35.8	35.9
2.1	2.2	β Leonis	28 182	30.4	30.2	30.1	30.1	30.1	30.2	N 14	28.2	28.2	28.2	28.2	28.2	28.3
2.6	2.6	δ Leonis	191	14.0	13.9	13.8	13.8	13.9	14.0	N 20	25.4	25.3	25.4	25.4	25.5	25.5
3.0	4.7	ψ Ursæ Majoris	192	20.0	19.7	19.7	19.7	19.8	20.0	N 44	23.8	23.9	23.9	24.1	24.1	24.2
1.8	3.4	α Ursæ Majoris	27 193	47.6	47.3	47.2	47.3	47.5	47.8	N 61	39.0	39.1	39.2	39.3	39.4	39.4
2.4	2.3	β Ursæ Majoris	194	16.2	16.0	15.9	15.9	16.1	16.3	N 56	16.9	17.0	17.1	17.2	17.3	17.3
2.7	4.1	μ Velorum	198	06.4	06.3	06.2	06.3	06.5	06.7	S 49	30.8	30.9	31.1	31.2	31.3	31.3
2.8	2.5	θ Carinæ	199	05.3	05.1	05.1	05.2	05.5	05.8	S 64	29.1	29.3	29.5	29.6	29.7	29.7
2.3	3.8	γ Leonis	204	45.5	45.3	45.3	45.4	45.5	45.6	N 19	44.9	44.8	44.9	44.9	45.0	45.0
1.4	1.0	α Leonis	26 207	40.0	39.8	39.8	39.9	40.0	40.1	N 11	52.6	52.6	52.6	52.6	52.6	52.7
3.0	4.2	ϵ Leonis	213	16.8	16.7	16.7	16.8	16.9	17.0	N 23	41.3	41.3	41.3	41.4	41.4	41.4
3.1	5.4	N Velorum	217	02.8	02.8	02.9	03.1	03.3	03.6	S 57	06.8	06.9	07.1	07.2	07.3	07.2
2.0	4.4	α Hydræ	25 217	52.7	52.7	52.7	52.8	52.9	53.0	S 8	44.3	44.4	44.4	44.5	44.5	44.4
2.5	2.3	κ Velorum	219	19.3	19.3	19.4	19.6	19.8	20.0	S 55	05.2	05.4	05.5	05.7	05.7	05.6
2.2	2.3	ι Carinæ	220	35.7	35.7	35.8	36.1	36.3	36.6	S 59	21.0	21.2	21.3	21.4	21.5	21.4
1.7	1.8	β Carinæ	24 221	38.0	38.0	38.2	38.6	39.1	39.5	S 69	47.4	47.6	47.8	47.9	47.9	47.9
2.2	4.6	λ Velorum	23 222	49.7	49.6	49.7	49.9	50.1	50.2	S 43	30.3	30.5	30.6	30.7	30.7	30.7
3.1	3.4	ι Ursæ Majoris	224	53.3	53.2	53.3	53.4	53.6	53.7	N 47	58.0	58.1	58.2	58.3	58.3	58.3
2.0	2.0	δ Velorum	228	41.4	41.4	41.5	41.8	42.0	42.2	S 54	46.5	46.7	46.8	46.9	46.9	46.9
1.9	3.3	ϵ Carinæ	22 234	16.1	16.1	16.3	16.6	16.9	17.1	S 59	34.1	34.3	34.4	34.5	34.5	34.4
1.8	1.7	γ Velorum	237	28.2	28.2	28.4	28.6	28.8	28.9	S 47	23.5	23.6	23.8	23.8	23.8	23.7
2.8	3.3	ρ Puppis	237	55.1	55.0	55.1	55.3	55.4	55.5	S 24	21.5	21.7	21.7	21.8	21.7	21.6
2.3	1.8	ζ Puppis	238	56.3	56.3	56.5	56.7	56.8	57.0	S 40	03.4	03.5	03.6	03.7	03.6	03.5
1.1	2.5	β Geminorum	21 243	23.6	23.6	23.6	23.8	23.9	24.0	N 27	58.7	58.8	58.8	58.8	58.8	58.8
0.4	0.8	α Canis Minoris	20 244	56.2	56.1	56.2	56.4	56.5	56.5	N 5	10.5	10.5	10.5	10.5	10.5	10.5

Magnitude		Name and Number	SHA						Declination							
Vis.	S-4		JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.		
3-1	3-2	γ Ursæ Minoris	129	49-0	49-5	50-0	50-4	50-5	50-4	N 71	46-5	46-5	46-5	46-3	46-1	45-9
2-9	2-8	γ Trianguli Aust.	129	49-8	50-1	50-5	50-8	50-8	50-5	S 68	44-9	44-9	44-9	44-8	44-6	44-5
2-6	2-4	β Libræ	130	29-9	30-0	30-2	30-2	30-2	30-1	S 9	26-9	26-9	26-8	26-8	26-9	26-9
2-7	2-4	β Lupi	135	03-7	03-9	04-0	04-1	04-1	03-9	S 43	12-5	12-5	12-4	12-4	12-3	12-3
2-8	3-2	<i>Zubenelgenubi</i>	39 137	01-5	01-6	01-7	01-7	01-7	01-6	S 16	07-0	07-0	06-9	06-9	06-9	07-0
2-1	4-3	<i>Kochab</i>	40 137	19-8	20-3	20-9	21-2	21-4	21-1	N 74	05-2	05-2	05-1	05-0	04-8	04-6
2-4	3-9	ϵ Bootis	138	33-1	33-3	33-4	33-5	33-5	33-3	N 26	60-2	60-2	60-2	60-1	59-9	59-8
2-3	2-5	α Lupi	139	12-4	12-6	12-8	12-9	12-8	12-6	S 47	28-1	28-1	28-0	27-9	27-8	27-8
-0-3	0-9	<i>Rigil Kent.</i>	38 139	46-8	47-1	47-3	47-5	47-4	47-1	S 60	54-7	54-7	54-7	54-6	54-4	54-4
2-3	2-3	η Centauri	140	49-7	49-8	50-0	50-1	50-0	49-8	S 42	14-3	14-3	14-3	14-2	14-1	14-1
3-0	3-3	γ Bootis	141	47-7	47-9	48-0	48-1	48-1	47-9	N 38	14-0	14-0	14-0	13-9	13-7	13-6
0-0	1-9	<i>Arcturus</i>	37 145	52-5	52-6	52-7	52-8	52-7	52-6	N 19	05-5	05-5	05-5	05-4	05-3	05-1
2-1	3-5	<i>Menkent</i>	36 148	03-4	03-5	03-7	03-7	03-6	03-4	S 36	27-6	27-6	27-6	27-5	27-4	27-4
0-6	0-3	<i>Hadar</i>	35 148	42-8	43-1	43-3	43-4	43-3	43-0	S 60	27-8	27-8	27-7	27-6	27-5	27-4
2-6	2-7	ζ Centauri	150	49-5	49-7	49-8	49-9	49-8	49-5	S 47	22-8	22-8	22-7	22-6	22-5	22-5
2-7	3-6	η Bootis	151	06-7	06-8	06-9	06-9	06-8	06-6	N 18	18-6	18-6	18-6	18-5	18-4	18-3
1-9	1-5	<i>Alkaid</i>	34 152	56-2	56-3	56-5	56-6	56-5	56-3	N 49	13-7	13-7	13-6	13-4	13-2	13-1
2-3	2-1	ϵ Centauri	154	44-0	44-2	44-4	44-4	44-3	44-0	S 53	33-7	33-7	33-6	33-5	33-4	33-3
1-0	0-7	<i>Spica</i>	33 158	27-6	27-7	27-8	27-8	27-7	27-5	S 11	15-4	15-3	15-3	15-3	15-3	15-4
2-3	2-2	<i>Mizar</i>	158	50-2	50-5	50-6	50-7	50-5	50-3	N 54	50-2	50-1	50-0	49-8	49-7	49-5
2-8	2-8	ι Centauri	159	35-5	35-6	35-7	35-7	35-6	35-4	S 36	48-6	48-6	48-5	48-4	48-4	48-4
2-8	4-1	ϵ Virginis	164	13-8	13-8	13-9	13-9	13-8	13-6	N 10	51-8	51-8	51-8	51-8	51-7	51-5
2-9	2-7	<i>Cor Caroli</i>	165	46-9	47-0	47-1	47-1	47-0	46-8	N 38	13-5	13-4	13-3	13-2	13-1	12-9
1-8	1-5	<i>Alioth</i>	32 166	17-8	18-0	18-1	18-1	18-0	17-7	N 55	52-0	51-9	51-8	51-6	51-4	51-3
1-3	1-0	<i>Mimosa</i>	167	47-9	48-2	48-3	48-3	48-1	47-7	S 59	47-5	47-5	47-4	47-2	47-1	47-1
2-9	3-0	γ Virginis	169	21-3	21-3	21-4	21-4	21-2	21-0	S 1	32-9	32-9	32-9	32-9	33-0	33-1
2-2	2-1	<i>Muhlifain</i>	169	22-0	22-1	22-2	22-2	22-0	21-8	S 49	03-8	03-7	03-6	03-5	03-4	03-4
2-7	2-6	α Muscæ	170	25-5	25-9	26-1	26-1	25-8	25-3	S 69	14-4	14-4	14-2	14-1	14-0	13-9
2-7	4-0	β Corvi	171	09-8	09-9	09-9	09-9	09-7	09-5	S 23	29-9	29-9	29-8	29-8	29-8	29-8
1-6	4-1	<i>Gacrux</i>	31 171	57-1	57-3	57-5	57-4	57-2	56-9	S 57	13-2	13-1	13-0	12-8	12-7	12-7
1-3	0-5	<i>Acrux</i>	30 173	05-5	05-8	05-9	05-9	05-6	05-2	S 63	12-3	12-2	12-1	11-9	11-8	11-8
2-6	2-5	<i>Gienah</i>	29 175	48-8	48-9	49-0	48-9	48-8	48-5	S 17	38-6	38-6	38-5	38-5	38-5	38-6
2-6	2-4	δ Centauri	177	40-4	40-5	40-6	40-5	40-3	40-0	S 50	49-7	49-6	49-4	49-3	49-3	49-3
2-4	2-4	<i>Phecda</i>	181	18-6	18-7	18-7	18-7	18-4	18-1	N 53	35-9	35-8	35-6	35-5	35-3	35-2
2-1	2-2	<i>Denebola</i>	28 182	30-3	30-4	30-4	30-3	30-1	29-9	N 14	28-3	28-3	28-3	28-2	28-1	28-0
2-6	2-6	δ Leonis	191	14-1	14-1	14-1	14-0	13-8	13-5	N 20	25-5	25-5	25-5	25-4	25-3	25-2
3-0	4-7	ψ Ursæ Majoris	192	20-1	20-1	20-1	20-0	19-8	19-5	N 44	24-1	24-1	24-0	23-8	23-7	23-6
1-8	3-4	<i>Dubhe</i>	27 193	48-0	48-1	48-1	47-9	47-5	47-1	N 61	39-4	39-3	39-1	38-9	38-8	38-7
2-4	2-3	<i>Merak</i>	194	16-5	16-6	16-5	16-4	16-1	15-7	N 56	17-3	17-2	17-0	16-9	16-7	16-6
2-7	4-1	μ Velorum	198	06-8	06-9	06-9	06-8	06-5	06-2	S 49	31-2	31-1	31-0	30-9	30-8	30-9
2-8	2-5	θ Carinæ	199	06-1	06-3	06-3	06-1	05-7	05-3	S 64	29-7	29-5	29-4	29-3	29-2	29-3
2-3	3-8	<i>Algeiba</i>	204	45-6	45-6	45-6	45-4	45-2	44-9	N 19	45-0	45-0	44-9	44-9	44-8	44-7
1-4	1-0	<i>Regulus</i>	26 207	40-1	40-1	40-1	39-9	39-7	39-4	N 11	52-7	52-7	52-7	52-6	52-5	52-4
3-0	4-2	ϵ Leonis	213	17-0	17-0	16-9	16-8	16-5	16-3	N 23	41-4	41-4	41-3	41-3	41-2	41-1
3-1	5-4	N Velorum	217	03-7	03-8	03-7	03-4	03-1	02-7	S 57	07-1	07-0	06-8	06-7	06-7	06-8
2-0	4-4	<i>Alphard</i>	25 217	53-0	53-0	52-9	52-7	52-5	52-3	S 8	44-4	44-3	44-2	44-2	44-3	44-4
2-5	2-3	κ Velorum	219	20-2	20-2	20-1	19-9	19-5	19-2	S 55	05-5	05-4	05-2	05-1	05-2	05-3
2-2	2-3	ι Carinæ	220	36-8	36-8	36-7	36-4	36-0	35-7	S 59	21-3	21-2	21-0	20-9	20-9	21-0
1-7	1-8	<i>Miaplacidus</i>	24 221	39-8	39-8	39-7	39-3	38-8	38-3	S 69	47-7	47-6	47-4	47-3	47-3	47-4
2-2	4-6	<i>Suhail</i>	23 222	50-3	50-3	50-2	50-0	49-7	49-4	S 43	30-6	30-4	30-3	30-2	30-3	30-4
3-1	3-4	ι Ursæ Majoris	224	53-8	53-7	53-5	53-3	52-9	52-6	N 47	58-2	58-1	58-0	57-9	57-8	57-8
2-0	2-0	δ Velorum	228	42-3	42-3	42-2	41-9	41-5	41-2	S 54	46-7	46-6	46-4	46-4	46-4	46-5
1-9	3-3	<i>Avior</i>	22 234	17-2	17-2	17-0	16-7	16-3	16-0	S 59	34-2	34-1	33-9	33-9	33-9	34-1
1-8	1-7	γ Velorum	237	29-0	28-9	28-7	28-5	28-2	27-9	S 47	23-6	23-4	23-3	23-2	23-3	23-4
2-8	3-3	ρ Puppis	237	55-5	55-4	55-3	55-1	54-8	54-6	S 24	21-5	21-4	21-3	21-3	21-4	21-5
2-3	1-8	ζ Puppis	238	57-0	56-9	56-7	56-5	56-2	56-0	S 40	03-4	03-3	03-2	03-1	03-2	03-3
1-1	2-5	<i>Pollux</i>	21 243	23-9	23-8	23-6	23-4	23-1	22-9	N 27	58-8	58-8	58-7	58-7	58-7	58-6
0-4	0-8	<i>Procyon</i>	20 244	56-5	56-4	56-2	56-0	55-8	55-6	N 5	10-6	10-6	10-6	10-6	10-5	10-5

Magnitude		Name and Number	SHA						Declination							
Vis.	S-4		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JAN.	FEB.	MAR.	APR.	MAY	JUNE		
1-6	1-4	<i>α</i> Geminorum	[◦] 246	[/] 03-7	[/] 03-6	[/] 03-7	[/] 03-9	[/] 04-0	[/] 04-1	[◦] N 31	[/] 50-7	[/] 50-7	[/] 50-8	[/] 50-8	[/] 50-8	[/] 50-8
3-3	5-5	<i>σ</i> Puppis	247	32-5	32-6	32-7	33-0	33-1	33-3	S 43	20-4	20-6	20-7	20-7	20-7	20-6
2-9	3-0	<i>β</i> Canis Minoris	247	57-9	57-9	58-0	58-1	58-2	58-3	N 8	15-0	14-9	14-9	14-9	15-0	15-0
2-4	2-2	<i>η</i> Canis Majoris	248	47-6	47-6	47-7	47-9	48-0	48-1	S 29	20-5	20-6	20-7	20-7	20-7	20-6
2-7	4-9	<i>π</i> Puppis	250	33-0	33-0	33-1	33-3	33-5	33-6	S 37	08-0	08-1	08-2	08-2	08-2	08-1
1-8	3-1	<i>δ</i> Canis Majoris	252	42-9	42-9	43-0	43-2	43-3	43-4	S 26	25-5	25-6	25-7	25-7	25-7	25-6
3-0	2-7	<i>ο</i> Canis Majoris	254	03-1	03-1	03-2	03-4	03-5	03-6	S 23	51-8	51-9	52-0	52-0	51-9	51-8
1-5	1-2	<i>ε</i> Canis Majoris	19 255	09-7	09-7	09-9	10-0	10-2	10-2	S 29	00-0	00-1	00-2	00-2	00-1	00-0
2-9	4-8	<i>τ</i> Puppis	257	23-8	23-9	24-1	24-3	24-6	24-7	S 50	38-4	38-5	38-6	38-6	38-5	38-4
-1-5	-1-5	<i>α</i> Canis Majoris	18 258	30-6	30-7	30-8	31-0	31-1	31-1	S 16	44-7	44-8	44-8	44-8	44-8	44-7
1-9	1-8	<i>γ</i> Geminorum	260	18-6	18-6	18-7	18-8	18-9	18-9	N 16	22-8	22-8	22-8	22-8	22-8	22-8
-0-7	-0-8	<i>α</i> Carinae	17 263	54-2	54-4	54-6	54-9	55-1	55-2	S 52	42-6	42-7	42-8	42-8	42-7	42-5
2-0	1-5	<i>β</i> Canis Majoris	264	07-4	07-4	07-6	07-7	07-8	07-8	S 17	58-2	58-2	58-3	58-3	58-2	58-1
2-6	2-5	<i>θ</i> Aurigae	269	45-6	45-6	45-8	45-9	46-0	46-0	N 37	12-6	12-7	12-7	12-7	12-7	12-6
1-9	1-9	<i>β</i> Aurigae	269	47-0	47-1	47-2	47-4	47-6	47-5	N 44	56-8	56-8	56-9	56-9	56-8	56-7
Var.*	Var.†	<i>α</i> Orionis	16 270	57-6	57-7	57-8	57-9	58-0	58-0	N 7	24-4	24-4	24-4	24-4	24-4	24-4
2-1	1-8	<i>κ</i> Orionis	272	50-7	50-7	50-8	51-0	51-1	51-1	S 9	40-1	40-1	40-1	40-1	40-1	40-0
1-9	1-6	<i>ζ</i> Orionis	274	34-8	34-9	35-0	35-1	35-2	35-2	S 1	56-2	56-3	56-3	56-3	56-2	56-2
2-6	2-5	<i>α</i> Columbæ	274	55-2	55-3	55-5	55-7	55-8	55-8	S 34	04-2	04-3	04-3	04-3	04-2	04-0
3-0	2-7	<i>ζ</i> Tauri	275	19-0	19-1	19-2	19-3	19-4	19-4	N 21	09-0	09-0	09-0	09-0	09-0	09-0
1-7	1-3	<i>ε</i> Orionis	15 275	42-9	43-0	43-1	43-2	43-3	43-3	S 1	11-7	11-7	11-7	11-7	11-7	11-6
2-8	2-4	<i>ι</i> Orionis	275	55-1	55-2	55-3	55-5	55-5	55-5	S 5	54-2	54-2	54-2	54-2	54-2	54-1
2-6	2-9	<i>α</i> Leporis	276	36-9	37-0	37-2	37-3	37-4	37-4	S 17	48-9	48-9	49-0	48-9	48-9	48-7
2-2	2-0	<i>δ</i> Orionis	276	45-9	46-0	46-1	46-3	46-3	46-3	S 0	17-4	17-4	17-5	17-4	17-4	17-3
2-8	4-0	<i>β</i> Leporis	277	44-5	44-6	44-8	44-9	45-0	45-0	S 20	45-0	45-1	45-1	45-1	45-0	44-9
1-7	1-4	<i>β</i> Tauri	14 278	08-4	08-4	08-6	08-7	08-8	08-7	N 28	37-2	37-2	37-2	37-2	37-2	37-1
1-6	1-2	<i>γ</i> Orionis	13 278	28-4	28-5	28-6	28-7	28-8	28-7	N 6	21-7	21-7	21-7	21-7	21-7	21-8
0-1	1-3	<i>α</i> Aurigae	12 280	29-4	29-5	29-7	29-9	30-0	29-9	N 46	00-8	00-9	00-9	00-9	00-8	00-7
0-1	0-0	<i>β</i> Orionis	11 281	08-8	08-9	09-0	09-1	09-2	09-2	S 8	11-1	11-2	11-2	11-2	11-1	11-0
2-8	2-9	<i>β</i> Eridani	282	48-8	48-9	49-0	49-2	49-2	49-2	S 5	04-1	04-1	04-1	04-1	04-0	04-0
2-7	5-1	<i>ι</i> Aurigae	285	27-3	27-4	27-6	27-7	27-8	27-7	N 33	11-5	11-5	11-5	11-5	11-5	11-4
0-9	3-1	<i>α</i> Tauri	10 290	45-6	45-6	45-8	45-9	45-9	45-8	N 16	32-5	32-5	32-5	32-5	32-5	32-5
2-9	2-5	<i>ε</i> Persei	300	13-9	14-0	14-2	14-3	14-3	14-2	N 40	03-6	03-7	03-6	03-6	03-5	03-5
3-0	5-4	<i>γ</i> Eridani	300	16-9	17-0	17-1	17-2	17-2	17-2	S 13	27-8	27-8	27-8	27-7	27-7	27-5
2-9	2-8	<i>ζ</i> Persei	301	10-9	11-0	11-1	11-3	11-3	11-1	N 31	56-1	56-1	56-1	56-0	56-0	56-0
2-9	2-7	<i>η</i> Tauri	302	51-5	51-7	51-8	51-9	51-9	51-8	N 24	09-5	09-5	09-5	09-4	09-4	09-4
1-8	2-4	<i>α</i> Persei	9 308	35-6	35-8	36-0	36-1	36-1	35-9	N 49	55-5	55-5	55-5	55-4	55-3	55-2
Var.¶	Var.‡	<i>β</i> Persei	312	39-7	39-9	40-0	40-1	40-1	39-9	N 41	01-5	01-5	01-4	01-3	01-3	01-2
2-5	5-3	<i>α</i> Ceti	8 314	11-7	11-8	11-9	12-0	11-9	11-8	N 4	09-4	09-4	09-4	09-4	09-4	09-5
3-2	3-2	<i>θ</i> Eridani	7 315	15-9	16-0	16-2	16-3	16-3	16-1	S 40	14-4	14-4	14-3	14-2	14-1	13-9
2-0	3-2	<i>α</i> Ursæ Minoris	316	12-3	25-5	37-6	44-8	44-0	36-3	N 89	20-6	20-6	20-6	20-4	20-3	20-2
3-0	3-2	<i>β</i> Trianguli	327	20-7	20-8	21-0	21-0	20-9	20-7	N 35	04-3	04-3	04-2	04-2	04-1	04-1
2-0	3-8	<i>α</i> Arietis	6 327	57-2	57-3	57-4	57-4	57-3	57-2	N 23	32-8	32-7	32-7	32-7	32-6	32-7
2-3	3-8	<i>γ</i> Andromedæ	328	44-8	45-0	45-1	45-2	45-1	44-9	N 42	25-0	25-0	24-9	24-8	24-7	24-7
2-9	3-4	<i>α</i> Hydri	330	10-1	10-4	10-7	10-8	10-7	10-4	S 61	29-4	29-4	29-3	29-1	28-9	28-7
2-6	2-8	<i>β</i> Arietis	331	05-5	05-6	05-7	05-7	05-6	05-4	N 20	53-7	53-6	53-6	53-6	53-6	53-6
0-5	0-1	<i>α</i> Eridani	5 335	24-5	24-8	24-9	25-0	24-9	24-6	S 57	09-2	09-1	09-0	08-8	08-7	08-5
2-7	2-8	<i>δ</i> Cassiopeïæ	338	14-9	15-1	15-3	15-3	15-2	14-8	N 60	19-9	19-8	19-7	19-6	19-5	19-4
2-1	4-6	<i>β</i> Andromedæ	342	18-9	19-1	19-1	19-1	19-0	18-8	N 35	43-0	42-9	42-9	42-8	42-7	42-8
Var.	Var.§	<i>γ</i> Cassiopeïæ	345	32-9	33-2	33-3	33-3	33-1	32-8	N 60	49-0	48-9	48-8	48-7	48-6	48-6
2-0	3-6	<i>β</i> Ceti	4 348	52-9	52-9	53-0	53-0	52-8	52-6	S 17	53-5	53-5	53-5	53-4	53-3	53-2
2-2	4-1	<i>α</i> Cassiopeïæ	3 349	37-0	37-2	37-3	37-3	37-1	36-8	N 56	38-3	38-2	38-1	38-0	37-9	37-9
2-4	3-9	<i>α</i> Phœnicis	2 353	12-8	12-9	13-0	12-9	12-8	12-5	S 42	12-8	12-8	12-7	12-5	12-4	12-2
2-8	3-7	<i>β</i> Hydri	353	21-0	21-5	21-7	21-6	21-2	20-5	S 77	09-6	09-5	09-3	09-1	08-9	08-8
2-8	2-4	<i>γ</i> Pegasi	356	27-8	27-8	27-9	27-8	27-7	27-4	N 15	17-0	16-9	16-9	16-9	16-9	17-0
2-3	2-8	<i>β</i> Cassiopeïæ	357	27-9	28-1	28-2	28-2	27-9	27-5	N 59	15-1	15-0	14-9	14-8	14-7	14-7
2-1	1-8	<i>α</i> Andromedæ	1 357	40-4	40-5	40-5	40-4	40-3	40-0	N 29	11-4	11-4	11-3	11-2	11-2	11-3

* 0-1 — 1-2 † 2-5 — 3-6 ¶ 2-1 — 3-4 ‡ 1-9 — 3-2 || Irregular variable; 2016 mag. 2-2 § 2016 mag. 1-7

Magnitude		Name and Number	SHA						Declination						
Vis.	S-4		JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	
1-6	1-4	<i>Castor</i>	246	04-0	03-9	03-7	03-4	03-1	02-9	N 31	50-8	50-7	50-7	50-6	50-6
3-3	5-5	σ Puppis	247	33-3	33-2	33-0	32-7	32-4	32-2	S 43	20-4	20-3	20-2	20-1	20-2
2-9	3-0	β Canis Minoris	247	58-2	58-1	57-9	57-7	57-5	57-3	N 8	15-0	15-1	15-1	15-1	15-0
2-4	2-2	η Canis Majoris	248	48-1	48-0	47-8	47-6	47-3	47-1	S 29	20-4	20-3	20-2	20-2	20-3
2-7	4-9	π Puppis	250	33-6	33-5	33-3	33-0	32-8	32-6	S 37	07-9	07-8	07-7	07-7	07-9
1-8	3-1	<i>Wezen</i>	252	43-3	43-2	43-0	42-8	42-6	42-4	S 26	25-4	25-3	25-2	25-2	25-4
3-0	2-7	o Canis Majoris	254	03-5	03-4	03-2	03-0	02-8	02-6	S 23	51-7	51-6	51-5	51-5	51-6
1-5	1-2	<i>Adhara</i>	255	10-2	10-1	09-9	09-6	09-4	09-2	S 28	59-9	59-8	59-7	59-7	59-8
2-9	4-8	τ Puppis	257	24-6	24-5	24-3	24-0	23-7	23-5	S 50	38-2	38-1	38-0	38-0	38-2
-1-5	-1-5	<i>Sirius</i>	258	31-0	30-9	30-7	30-5	30-3	30-1	S 16	44-6	44-5	44-4	44-4	44-5
1-9	1-8	<i>Athena</i>	260	18-8	18-7	18-5	18-3	18-0	17-8	N 16	22-9	22-9	22-9	22-9	22-8
-0-7	-0-8	<i>Canopus</i>	263	55-1	55-0	54-7	54-4	54-1	53-9	S 52	42-4	42-2	42-1	42-1	42-2
2-0	1-5	<i>Mirzam</i>	264	07-8	07-6	07-4	07-2	07-0	06-8	S 17	58-0	57-9	57-8	57-8	58-0
2-6	2-5	θ Aurigæ	269	45-9	45-7	45-4	45-1	44-9	44-7	N 37	12-6	12-6	12-6	12-6	12-6
1-9	1-9	<i>Menkalinan</i>	269	47-4	47-1	46-9	46-6	46-3	46-1	N 44	56-7	56-7	56-6	56-6	56-7
Var.*	Var.†	<i>Betelgeuse</i>	270	57-9	57-7	57-5	57-3	57-1	56-9	N 7	24-5	24-5	24-6	24-6	24-5
2-1	1-8	κ Orionis	272	50-9	50-8	50-6	50-4	50-2	50-0	S 9	39-9	39-8	39-8	39-8	39-9
1-9	1-6	<i>Alnitak</i>	274	35-1	34-9	34-7	34-5	34-3	34-1	S 1	56-1	56-0	56-0	56-0	56-1
2-6	2-5	<i>Phact</i>	274	55-7	55-5	55-3	55-0	54-8	54-7	S 34	03-9	03-8	03-7	03-7	03-8
3-0	2-7	ζ Tauri	275	19-2	19-0	18-8	18-6	18-4	18-2	N 21	09-0	09-1	09-1	09-1	09-1
1-7	1-3	<i>Alnilam</i>	275	43-2	43-0	42-8	42-6	42-4	42-2	S 1	11-5	11-5	11-4	11-4	11-5
2-8	2-4	ι Orionis	275	55-4	55-2	55-0	54-8	54-6	54-5	S 5	54-0	53-9	53-9	53-9	54-0
2-6	2-9	α Leporis	276	37-3	37-1	36-9	36-6	36-5	36-3	S 17	48-6	48-5	48-5	48-5	48-7
2-2	2-0	δ Orionis	276	46-2	46-0	45-8	45-6	45-4	45-3	S 0	17-3	17-2	17-1	17-2	17-3
2-8	4-0	β Leporis	277	44-9	44-7	44-5	44-3	44-1	44-0	S 20	44-8	44-6	44-6	44-6	44-8
1-7	1-4	<i>Elnath</i>	278	08-6	08-4	08-1	07-9	07-7	07-5	N 28	37-1	37-2	37-2	37-2	37-2
1-6	1-2	<i>Bellatrix</i>	278	28-6	28-4	28-2	28-0	27-8	27-7	N 6	21-8	21-9	21-9	21-9	21-8
0-1	1-3	<i>Capella</i>	280	29-7	29-5	29-2	28-9	28-6	28-4	N 46	00-7	00-7	00-7	00-7	00-8
0-1	0-0	<i>Rigel</i>	281	09-0	08-8	08-6	08-4	08-2	08-1	S 8	10-9	10-8	10-8	10-8	10-9
2-8	2-9	β Eridani	282	49-0	48-8	48-6	48-4	48-2	48-1	S 5	03-9	03-8	03-7	03-8	03-8
2-7	5-1	ι Aurigæ	285	27-5	27-3	27-0	26-8	26-5	26-4	N 33	11-4	11-5	11-5	11-5	11-6
0-9	3-1	<i>Aldebaran</i>	290	45-7	45-5	45-2	45-0	44-8	44-8	N 16	32-6	32-6	32-7	32-7	32-7
2-9	2-5	ϵ Persei	300	13-9	13-7	13-4	13-1	13-0	12-9	N 40	03-5	03-5	03-6	03-6	03-7
3-0	5-4	γ Eridani	300	17-0	16-8	16-5	16-4	16-2	16-2	S 13	27-4	27-3	27-3	27-3	27-4
2-9	2-8	ζ Persei	301	10-9	10-7	10-4	10-2	10-0	10-0	N 31	56-0	56-1	56-1	56-2	56-3
2-9	2-7	<i>Alcyone</i>	302	51-6	51-3	51-1	50-9	50-8	50-7	N 24	09-5	09-5	09-6	09-6	09-7
1-8	2-4	<i>Mirfak</i>	308	35-6	35-3	35-0	34-7	34-6	34-5	N 49	55-2	55-3	55-3	55-4	55-6
Var.¶	Var.‡	<i>Algol</i>	312	39-7	39-4	39-1	38-9	38-8	38-7	N 41	01-3	01-3	01-4	01-5	01-6
2-5	5-3	<i>Menkar</i>	314	11-6	11-4	11-1	11-0	10-9	10-9	N 4	09-6	09-7	09-7	09-7	09-7
3-2	3-2	<i>Acamar</i>	315	15-9	15-6	15-4	15-2	15-1	15-2	S 40	13-8	13-7	13-7	13-8	13-9
2-0	3-2	<i>Polaris</i>	315	83-7	69-0	55-3	45-3	41-0	44-9	N 89	20-1	20-1	20-2	20-4	20-6
3-0	3-2	β Trianguli	327	20-5	20-2	20-0	19-8	19-8	19-8	N 35	04-2	04-3	04-4	04-5	04-6
2-0	3-8	<i>Hamal</i>	327	56-9	56-7	56-5	56-3	56-3	56-3	N 23	32-7	32-8	32-9	33-0	33-1
2-3	3-8	<i>Almak</i>	328	44-6	44-3	44-0	43-9	43-8	43-9	N 42	24-8	24-8	25-0	25-1	25-2
2-9	3-4	α Hydri	330	10-1	09-7	09-4	09-2	09-2	09-3	S 61	28-6	28-6	28-7	28-8	28-9
2-6	2-8	<i>Sheratan</i>	331	05-2	05-0	04-8	04-7	04-6	04-7	N 20	53-7	53-8	53-9	53-9	54-0
0-5	0-1	<i>Achernar</i>	335	24-3	23-9	23-7	23-5	23-5	23-7	S 57	08-4	08-4	08-4	08-6	08-7
2-7	2-8	<i>Ruchbah</i>	338	14-4	14-1	13-8	13-6	13-6	13-8	N 60	19-5	19-6	19-7	19-9	20-0
2-1	4-6	<i>Mirach</i>	342	18-5	18-2	18-1	18-0	18-0	18-0	N 35	42-8	42-9	43-1	43-2	43-3
Var.	Var.§	γ Cassiopeiæ	345	32-4	32-0	31-8	31-7	31-7	31-9	N 60	48-6	48-7	48-9	49-1	49-2
2-0	3-6	<i>Diphda</i>	348	52-4	52-2	52-0	52-0	52-0	52-1	S 17	53-1	53-0	53-0	53-0	53-2
2-2	4-1	<i>Schedar</i>	349	36-4	36-1	35-9	35-8	35-9	36-0	N 56	38-0	38-1	38-3	38-4	38-6
2-4	3-9	<i>Ankaa</i>	353	12-2	12-0	11-8	11-7	11-8	11-9	S 42	12-2	12-2	12-2	12-3	12-4
2-8	3-7	β Hydri	353	19-7	19-0	18-5	18-5	18-8	19-4	S 77	08-8	08-8	08-9	09-1	09-2
2-8	2-4	<i>Algenib</i>	356	27-2	27-0	26-9	26-8	26-9	26-9	N 15	17-1	17-2	17-3	17-3	17-3
2-3	2-8	<i>Caph</i>	357	27-2	26-9	26-7	26-7	26-8	27-0	N 59	14-8	14-9	15-1	15-3	15-4
2-1	1-8	<i>Alpheratz</i>	357	39-8	39-6	39-5	39-4	39-5	39-6	N 29	11-4	11-5	11-6	11-7	11-8

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