

Celestial Sphere Models—Star Data

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The author can be contacted at:

Laurence D. Finston
c/o Free Software Foundation, Inc.
51 Franklin St, Fifth Floor
Boston, MA 02110-1301 USA
Laurence.Finston@gmx.de

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The number preceding the name of the star (or binary or multiple system of stars) refers to its approximate rank according to apparent magnitude. “RA” stands for “Right Ascension”. A “v” following the apparent or absolute magnitude of a star (or system of stars) means that this value varies.

Greek Alphabet

α	alpha	ι	iota	ρ, ϱ	rho
β	beta	κ	kappa	σ, ς	sigma
γ	gamma	λ	lambda	τ	tau
δ	delta	μ	mu	υ	upsilon
ϵ, ε	epsilon	ν	nu	ϕ, φ	phi
ζ	zeta	ξ	xi	χ	chi
η	eta	\omicron	omicron	ψ	psi
θ, ϑ	theta	π, ϖ	pi	ω	omega

Stars Sorted Alphabetically

151. Acamar θ^1 Eridani

Constellation: Eridanus

RA 2h 58' 15.6792"

Decl. $-40^\circ 18' 16.8457''$

Section 2

Apparent magnitude: 2.88

Absolute magnitude: -0.59

9. Achernar α Eridani

Constellation: Eridanus

RA 1h 38' 24"

Decl. $-57^\circ 8' 36''$

Section 2

Apparent magnitude: 0.45

Absolute magnitude: -2.77

22. Adhara ϵ Canis Majoris

Constellation: Canis Major

RA 6h 59' 21.2"

Decl. $-28^\circ 59' 5''$

Section 3

Apparent magnitude: 1.5

Absolute magnitude: -4.1

152. Albaldah π Sagittarii

Constellation: Sagittarius

RA 19h 10' 51.8"

Decl. $-20^\circ 59' 3''$

Section 7

Apparent magnitude: 2.88

Absolute magnitude: -2.77

157. Albireo β Cygni

Constellation: Cygnus

RA 19h 31' 28.1"

Decl. $27^\circ 59' 5''$

Section 8

Apparent magnitude: 2.9

Absolute magnitude: -2.31

143. Alcyone η Tauri

Constellation: Taurus

RA 3h 48' 35.3"

Decl. $24^\circ 9' 4''$

Section 2

Apparent magnitude: 2.85

Absolute magnitude: -2.41

14. Aldebaran α Tauri

Constellation: Taurus

RA 4h 36' 59.1"

Decl. $16^\circ 32' 4''$

Section 3

Apparent magnitude: 0.86v

Absolute magnitude: -0.64v

89. Alderamin α Cephei

Constellation: Cepheus

RA 21h 19' 1.2"

Decl. $62^\circ 39' 5''$

Section 8

Apparent magnitude: 2.45

Absolute magnitude: 1.58

58. Al Dhanab β Gruis

Constellation: Grus

RA 22h 43' 45.8"

Decl. $-46^\circ 47' 14''$

Section 1

Apparent magnitude: 2.07v

Absolute magnitude: 1.52

120. Aldhibain η Draconis

Constellation: Draco

RA 16h 24' 14.7"

Decl. $61^\circ 28' 2''$

Section 6

Apparent magnitude: 2.73

Absolute magnitude: 0.58

137. Algenib γ Pegasi

Constellation: Pegasus

RA 0h 14' 11.4"

Decl. $15^\circ 17' 1''$

Section 1

Apparent magnitude: 2.83

Absolute magnitude: -2.22

49. Algieba γ Leonis

Constellation: Leo

RA 10h 19' 58.3506"

Decl. $19^\circ 50' 29.3468''$

Section 4

Apparent magnitude: 2

Absolute magnitude: -0.93

60. Algol β Persei

Constellation: Perseus

RA 3h 9' 22.8"

Decl. $41^\circ 1' 3''$

Section 2

Apparent magnitude: 2.09

Absolute magnitude: 0.18

163. Algorel δ Corvi

Constellation: Corvus

RA 12h 30' 49.4"

Decl. $-16^\circ 37' 0''$

Section 5

Apparent magnitude: 2.94

Absolute magnitude: 0.79

166. Alheka ζ Tauri

Constellation: Taurus

RA 5h 38' 45.1"

Decl. $21^\circ 9' 0''$

Section 3

Apparent magnitude: 2.97

Absolute magnitude: -2.56

43. Alhena γ Geminorum

Constellation: Gemini

RA 6h 38' 46.8"

Decl. $16^\circ 22' 5''$

Section 3

Apparent magnitude: 1.93

Absolute magnitude: -0.6

32. Alioth ϵ Ursae Majoris

Constellation: Ursa Major

RA 12h 54' 50.3"

Decl. $55^\circ 51' 3''$

Section 5

Apparent magnitude: 1.77

Absolute magnitude: -0.2

38. Alkaid η Ursae Majoris

Constellation: Ursa Major

RA 13h 48' 16.1"

Decl. $49^\circ 13' 1''$

Section 6

Apparent magnitude: 1.86

Absolute magnitude: -0.59

181. Almaaz

ε Aurigae
 Constellation: Auriga
 RA 5h 3' 18"
 Decl. 43° 50' 5"
 Section 3
 Apparent magnitude: 3.03
 Absolute magnitude: -5.95

61. Almach

γ Andromedae
 Constellation: Andromeda
 RA 2h 3' 53.9523"
 Decl. 42° 19' 47.0223"
 Section 2
 Apparent magnitude: 2.1
 Absolute magnitude: -3.08

30. Alnair

α Gruis
 Constellation: Grus
 RA 22h 9' 23.4"
 Decl. -46° 52' 14"
 Section 8
 Apparent magnitude: 1.74
 Absolute magnitude: -0.72

168. Alnasl

γ Sagittarii
 Constellation: Sagittarius
 RA 18h 6' 59.8"
 Decl. -30° 25' 2"
 Section 7
 Apparent magnitude: 2.98
 Absolute magnitude: 0.63

29. Alnilam

ε Orionis
 Constellation: Orion
 RA 5h 37' 9.2"
 Decl. -1° 11' 2"
 Section 3
 Apparent magnitude: 1.69
 Absolute magnitude: -6.38

31. Alnitak

ζ Orionis
 Constellation: Orion
 RA 5h 41' 41.6"
 Decl. -1° 56' 0"
 Section 3
 Apparent magnitude: 1.75
 Absolute magnitude: -5.25

156. Alniyat

σ Scorpis
 Constellation: Scorpis
 RA 16h 22' 19"
 Decl. -25° 38' 0"
 Section 6
 Apparent magnitude: 2.9v
 Absolute magnitude: -3.86v

3. α Centauri

Constellation: Centaurus
 RA 14h 39' 35.0631"
 Decl. -60° 50' 15.0992"
 Section 6
 Apparent magnitude: -0.29
 Absolute magnitude: 4.06

146. α Hydri

Constellation: Hydrus
 RA 1h 59' 21.1"
 Decl. -61° 28' 49"
 Section 2
 Apparent magnitude: 2.86
 Absolute magnitude: 1.16

198. α Lyncis

Constellation: Lynx
 RA 9h 22' 10.6"
 Decl. 34° 18' 4"
 Section 4
 Apparent magnitude: 3.14
 Absolute magnitude: -1.02

114. α Muscae

Constellation: Musca
 RA 12h 38' 18.4"
 Decl. -69° 14' 14"
 Section 5
 Apparent magnitude: 2.69
 Absolute magnitude: -2.17

47. Alphard

α Hydrae
 Constellation: Hydra
 RA 9h 28' 29.8"
 Decl. -8° 44' 2"
 Section 4
 Apparent magnitude: 1.98
 Absolute magnitude: -1.7

150. α Tucanae

Constellation: Tucana
 RA 22h 19' 45.2"
 Decl. -60° 10' 0"
 Section 8
 Apparent magnitude: 2.87
 Absolute magnitude: -1.05

67. Alphecca

α Coronae Borealis
 Constellation: Corona Borealis
 RA 15h 35' 28.3"
 Decl. 26° 39' 1"
 Section 6
 Apparent magnitude: 2.22
 Absolute magnitude: 0.42

54. Alpheratz

α Andromedae
 Constellation: Andromeda
 RA 0h 9' 20.9"
 Decl. 29° 11' 3"
 Section 1
 Apparent magnitude: 2.07
 Absolute magnitude: -0.3

12. Altair

α Aquilae
 Constellation: Aquila
 RA 19h 51' 41.1"
 Decl. 8° 55' 0"
 Section 8
 Apparent magnitude: 0.77
 Absolute magnitude: 2.21

88. Aludra

η Canis Majoris
 Constellation: Canis Major
 RA 7h 24' 49.6"
 Decl. -29° 20' 2"
 Section 3
 Apparent magnitude: 2.45
 Absolute magnitude: -7.51

84. Ankaa

α Phoenicis
 Constellation: Phoenix
 RA 0h 27' 11.7"
 Decl. -42° 12' 20"
 Section 1
 Apparent magnitude: 2.4
 Absolute magnitude: 0.52

15. Antares

α Scorpis
 Constellation: Scorpis
 RA 16h 30' 32.7"
 Decl. -26° 28' 1"
 Section 7
 Apparent magnitude: 0.95v
 Absolute magnitude: -5.39v

4. Arcturus

α Boötis
 Constellation: Boötes
 RA 14h 16' 30.3"
 Decl. 19° 5' 1"
 Section 6
 Apparent magnitude: -0.05
 Absolute magnitude: -0.31

98. Arneb

α Leporis
 Constellation: Lepus
 RA 5h 33' 32.8"
 Decl. -17° 48' 3"
 Section 3
 Apparent magnitude: 2.58
 Absolute magnitude: -5.4

101. Ascella

ζ Sagittarii
 Constellation: Sagittarius
 RA 19h 3' 47.2"
 Decl. -29° 51' 0"
 Section 7
 Apparent magnitude: 2.6
 Absolute magnitude: 0.42

66. Aspidiske

ι Carinae
 Constellation: Carina
 RA 9h 17' 35.1"
 Decl. -59° 21' 12"
 Section 4
 Apparent magnitude: 2.21v
 Absolute magnitude: -4.42

42. Atria

α Trianguli Australis
 Constellation: Triangulum Australe
 RA 16h 48' 39.8951"
 Decl. -69° 1' 39.7626"
 Section 7
 Apparent magnitude: 1.92
 Absolute magnitude: -3.61

40. Avior

ε Carinae
 Constellation: Carina
 RA 8h 22' 53.5"
 Decl. -59° 34' 10"
 Section 4
 Apparent magnitude: 1.87
 Absolute magnitude: -4.57

26. Bellatrix

γ Orionis
 Constellation: Orion
 RA 5h 26' 7.5"
 Decl. 6° 21' 5"
 Section 3
 Apparent magnitude: 1.64
 Absolute magnitude: -2.72

141. β Aræ

Constellation: Ara
 RA 17h 26' 50.5"
 Decl. -55° 32' 43"
 Section 7
 Apparent magnitude: 2.84
 Absolute magnitude: -3.49

134. β Hydri

Constellation: Hydrus
 RA 0h 26' 41.9"
 Decl. -77° 9' 1"
 Section 1
 Apparent magnitude: 2.82
 Absolute magnitude: 3.45

182. β Muscæ

Constellation: Musca
 RA 12h 47' 26.1"
 Decl. -68° 12' 32"
 Section 5
 Apparent magnitude: 3.04
 Absolute magnitude: -1.86

139. β Trianguli Australis

Constellation: Triangulum Australe
 RA 15h 56' 47.3"
 Decl. -63° 29' 9"
 Section 6
 Apparent magnitude: 2.83
 Absolute magnitude: 2.38

172. β Trianguli

Constellation: Triangulum
 RA 2h 10' 39.1"
 Decl. 35° 4' 2"
 Section 2
 Apparent magnitude: 3
 Absolute magnitude: 0.09

10. Betelgeuse

α Orionis
 Constellation: Orion
 RA 5h 56' 10.4"
 Decl. 7° 24' 3"
 Section 3
 Apparent magnitude: 0.55v
 Absolute magnitude: -5.04v

2. Canopus

α Carinae
 Constellation: Carina
 RA 6h 24' 21.8"
 Decl. -52° 42' 23"
 Section 3
 Apparent magnitude: -0.73
 Absolute magnitude: -5.64

6. Capella

α Aurigae
 Constellation: Auriga
 RA 5h 18' 3.5"
 Decl. 46° 0' 5"
 Section 3
 Apparent magnitude: 0.07
 Absolute magnitude: -0.49

74. Caph

β Cassiopeiae
 Constellation: Cassiopeia
 RA 0h 10' 10.6"
 Decl. 59° 15' 0"
 Section 1
 Apparent magnitude: 2.28
 Absolute magnitude: 1.17

23. Castor

α Geminorum
 Constellation: Gemini
 RA 7h 34' 35.863"
 Decl. 31° 53' 17.79"
 Section 4
 Apparent magnitude: 1.58
 Absolute magnitude: 0.59

125. Cebalrai

β Ophiuchi
 Constellation: Ophiuchus
 RA 17h 44' 23.2"
 Decl. 4° 33' 3"
 Section 7
 Apparent magnitude: 2.76
 Absolute magnitude: 0.76

142. Choo

α Arae
 Constellation: Ara
 RA 17h 33' 16.4"
 Decl. -49° 53' 20"
 Section 7
 Apparent magnitude: 2.84
 Absolute magnitude: -1.51

63. Cih

γ Cassiopeiae
 Constellation: Cassiopeia
 RA 0h 57' 50.4"
 Decl. 60° 48' 5"
 Section 1
 Apparent magnitude: 2.15v
 Absolute magnitude: -4.22

130. Cor Caroli 2

α² Canum Venaticorum
 Constellation: Canes Venatici
 RA 12h 56' 1.66622"
 Decl. 38° 19' 6.1541"
 Section 5
 Apparent magnitude: 2.98v
 Absolute magnitude: 0.16

184. Dabih

β Capricorni
 Constellation: Capricornus
 RA 20h 22' 2.9"
 Decl. -14° 43' 1"
 Section 8
 Apparent magnitude: 3.05
 Absolute magnitude: -2.07

99. δ Centauri

Constellation: Centaurus
 RA 12h 9' 19.5"
 Decl. -50° 49' 31"
 Section 5
 Apparent magnitude: 2.58v
 Absolute magnitude: -2.84

128. δ Crucis

Constellation: Crux
RA 12h 16' 8.3"
Decl. $-58^{\circ} 51' 6''$
Section 5
Apparent magnitude: 2.79
Absolute magnitude: -2.45

147. δ Cygni

Constellation: Cygnus
RA 19h 45' 33.2"
Decl. $45^{\circ} 10' 3''$
Section 8
Apparent magnitude: 2.86
Absolute magnitude: -0.74

177. δ Persei

Constellation: Perseus
RA 3h 44' 15"
Decl. $47^{\circ} 50' 4''$
Section 2
Apparent magnitude: 3.01
Absolute magnitude: -3.04

145. Deneb Algedi

δ Capricorni
Constellation: Capricornus
RA 21h 48' 3.6"
Decl. $-16^{\circ} 2' 3''$
Section 8
Apparent magnitude: 2.85
Absolute magnitude: 2.49

19. Deneb

α Cygni
Constellation: Cygnus
RA 20h 42' 3.8"
Decl. $45^{\circ} 20' 5''$
Section 8
Apparent magnitude: 1.24
Absolute magnitude: -8.74

171. Deneb el Okab

ζ Aquilae
Constellation: Aquila
RA 19h 6' 15.6"
Decl. $13^{\circ} 53' 3''$
Section 7
Apparent magnitude: 2.99
Absolute magnitude: 0.96

62. Denebola

β Leonis
Constellation: Leo
RA 11h 50' 0.1"
Decl. $14^{\circ} 28' 0''$
Section 5
Apparent magnitude: 2.14
Absolute magnitude: 1.92

51. Diphda

β Ceti
Constellation: Cetus
RA 0h 44' 31"
Decl. $-17^{\circ} 53' 0''$
Section 1
Apparent magnitude: 2.04
Absolute magnitude: -0.3

76. Dschubba

δ Scorpii
Constellation: Scorpius
RA 16h 1' 25.8"
Decl. $-22^{\circ} 40' 2''$
Section 6
Apparent magnitude: 2.29
Absolute magnitude: -3.16

34. Dubhe

α Ursae Majoris
Constellation: Ursa Major
RA 11h 4' 51.2"
Decl. $61^{\circ} 39' 0''$
Section 5
Apparent magnitude: 1.8
Absolute magnitude: -1.09

27. Elnath

β Tauri
Constellation: Taurus
RA 5h 27' 27.8"
Decl. $28^{\circ} 37' 1''$
Section 3
Apparent magnitude: 1.66
Absolute magnitude: -1.36

72. Eltanin

γ Draconis
Constellation: Draco
RA 17h 57' 2.2"
Decl. $51^{\circ} 29' 1''$
Section 7
Apparent magnitude: 2.24
Absolute magnitude: -1.04

82. Enif

ϵ Pegasi
Constellation: Pegasus
RA 21h 45' 5.7"
Decl. $9^{\circ} 57' 3''$
Section 8
Apparent magnitude: 2.38
Absolute magnitude: -4.19

75. ϵ Centauri

Constellation: Centaurus
RA 13h 41' 4.3"
Decl. $-53^{\circ} 33' 35''$
Section 6
Apparent magnitude: 2.29
Absolute magnitude: -3.02

155. ϵ Persei

Constellation: Perseus
RA 3h 59' 6.1"
Decl. $40^{\circ} 3' 4''$
Section 2
Apparent magnitude: 2.9
Absolute magnitude: -3.19

79. η Centauri

Constellation: Centaurus
RA 14h 36' 41.4"
Decl. $-42^{\circ} 14' 17''$
Section 6
Apparent magnitude: 2.33v
Absolute magnitude: -2.55

188. η Sagittarii

Constellation: Sagittarius
RA 18h 18' 52.7"
Decl. $-36^{\circ} 45' 16''$
Section 7
Apparent magnitude: 3.1
Absolute magnitude: -0.2

18. Fomalhaut

α Piscis Austrini
Constellation: Piscis Austrinus
RA 22h 57' 39.0465"
Decl. $-29^{\circ} 37' 20.05''$
Section 1
Apparent magnitude: 1.15
Absolute magnitude: 1.72

25. Gacrux

γ Crucis
Constellation: Crux
RA 12h 32' 12.2"
Decl. $-57^{\circ} 13' 0''$
Section 5
Apparent magnitude: 1.63
Absolute magnitude: -0.52

176. γ Gruis

Constellation: Grus
RA 21h 55' 2.6"
Decl. $-37^{\circ} 16' 37''$
Section 8
Apparent magnitude: 3
Absolute magnitude: -0.97

169. γ Hydrae

Constellation: Hydra
RA 13h 19' 55.9"
Decl. $-23^{\circ} 16' 0''$
Section 5
Apparent magnitude: 2.99
Absolute magnitude: -0.05

131. γ Lupi

Constellation: Lupus
RA 15h 36' 22.8"
Decl. $-41^{\circ} 13' 39''$
Section 6
Apparent magnitude: 2.8
Absolute magnitude: -3.4

159. γ Persei

Constellation: Perseus
RA 3h 6' 8.9"
Decl. $53^{\circ} 34' 3''$
Section 2
Apparent magnitude: 2.91
Absolute magnitude: -1.57

149. γ Trianguli Australis

Constellation: Triangulum Australe
RA 15h 18' 54.582"
Decl. $-68^{\circ} 40' 46.3654''$
Section 6
Apparent magnitude: 2.87
Absolute magnitude: -0.87

91. Gienah

ϵ Cygni
Constellation: Cygnus
RA 20h 46' 57.6"
Decl. $34^{\circ} 2' 2''$
Section 8
Apparent magnitude: 2.48
Absolute magnitude: 0.76

100. Gienah Ghurab

γ Corvi
Constellation: Corvus
RA 12h 16' 45.6"
Decl. $-17^{\circ} 38' 4''$
Section 5
Apparent magnitude: 2.58
Absolute magnitude: -0.94

83. Girtab

κ Scorpii
Constellation: Scorpius
RA 17h 43' 46.1"
Decl. $-39^{\circ} 2' 16''$
Section 7
Apparent magnitude: 2.39
Absolute magnitude: -3.38

153. Gomeisa

β Canis Minoris
Constellation: Canis Minor
RA 7h 28' 9.2"
Decl. $8^{\circ} 15' 0''$
Section 3
Apparent magnitude: 2.89
Absolute magnitude: -0.7

11. Hadar

β Centauri
Constellation: Centaurus
RA 14h 5' 8.7"
Decl. $-60^{\circ} 27' 41''$
Section 6
Apparent magnitude: 0.61
Absolute magnitude: -5.42

50. Hamal

α Arietis
Constellation: Aries
RA 2h 8' 13.2"
Decl. $23^{\circ} 32' 5''$
Section 2
Apparent magnitude: 2.01
Absolute magnitude: 0.48

94. Han

ζ Ophiuchi
Constellation: Ophiuchus
RA 16h 38' 10.8"
Decl. $-10^{\circ} 36' 1''$
Section 7
Apparent magnitude: 2.54
Absolute magnitude: -3.2

112. Hassaleh

ι Aurigae
Constellation: Auriga
RA 4h 58' 12.1"
Decl. $33^{\circ} 11' 3''$
Section 3
Apparent magnitude: 2.69
Absolute magnitude: -3.29

123. Hatysa

ι Orionis
Constellation: Orion
RA 5h 36' 20.3"
Decl. $-5^{\circ} 53' 5''$
Section 3
Apparent magnitude: 2.75
Absolute magnitude: -5.3

170. ι^1 Scorpii

Constellation: Scorpius
RA 17h 48' 52.8"
Decl. $-40^{\circ} 7' 56''$
Section 7
Apparent magnitude: 2.99
Absolute magnitude: -5.71

124. ι Centauri

Constellation: Centaurus
RA 13h 21' 38.6"
Decl. $-36^{\circ} 48' 34''$
Section 5
Apparent magnitude: 2.75
Absolute magnitude: 1.48

81. Izar

ϵ Boötis
Constellation: Boötes
RA 14h 45' 47.7"
Decl. $26^{\circ} 59' 4''$
Section 6
Apparent magnitude: 2.35
Absolute magnitude: -1.69

37. Kaus Australis

ϵ Sagittarii
Constellation: Sagittarius
RA 18h 25' 24"
Decl. $-34^{\circ} 22' 2''$
Section 7
Apparent magnitude: 1.84
Absolute magnitude: -1.39

136. Kaus Borealis

λ Sagittarii
Constellation: Sagittarius
RA 18h 29' 6.7"
Decl. $-25^{\circ} 24' 3''$
Section 7
Apparent magnitude: 2.82
Absolute magnitude: 0.95

117. Kaus Meridionalis

δ Sagittarii
Constellation: Sagittarius
RA 18h 22' 10.7"
Decl. $-29^{\circ} 49' 0''$
Section 7
Apparent magnitude: 2.72
Absolute magnitude: -2.14

111. Ke Kouan

β Lupi
Constellation: Lupus
RA 14h 59' 45.1"
Decl. $-43^{\circ} 12' 26''$
Section 6
Apparent magnitude: 2.68
Absolute magnitude: -3.35

197. Ke Kwan

κ Centauri
Constellation: Centaurus
RA 15h 0' 22.3"
Decl. $-42^{\circ} 10' 38''$
Section 6
Apparent magnitude: 3.13
Absolute magnitude: -2.96

57. Kochab

β Ursae Minoris
Constellation: Ursa Minor
RA 14h 50' 40.2"
Decl. $74^{\circ} 4' 4''$
Section 6
Apparent magnitude: 2.07
Absolute magnitude: -0.87

45. Koo She δ Velorum

Constellation: Vela

RA 8h 45' 12.9"

Decl. $-54^{\circ} 46' 38''$

Section 4

Apparent magnitude: 1.95

Absolute magnitude: 0.01

127. Kornephoros β Herculis

Constellation: Hercules

RA 16h 31' 1"

Decl. $21^{\circ} 27' 0''$

Section 7

Apparent magnitude: 2.78

Absolute magnitude: -0.5

108. Kraz β Corvi

Constellation: Corvus

RA 12h 35' 21.7"

Decl. $-23^{\circ} 29' 5''$

Section 5

Apparent magnitude: 2.65

Absolute magnitude: -0.51

126. Kursa β Eridani

Constellation: Eridanus

RA 5h 8' 45.6"

Decl. $-5^{\circ} 3' 5''$

Section 3

Apparent magnitude: 2.78

Absolute magnitude: 0.6

191. λ Centauri

Constellation: Centaurus

RA 11h 36' 38.6"

Decl. $-63^{\circ} 7' 20''$

Section 5

Apparent magnitude: 3.11

Absolute magnitude: -2.39

115. Lesath ν Scorpïi

Constellation: Scorpïus

RA 17h 32' 1.4"

Decl. $-37^{\circ} 18' 3''$

Section 7

Apparent magnitude: 2.7

Absolute magnitude: -3.31

92. Markab α Pegasi

Constellation: Pegasus

RA 23h 5' 41"

Decl. $15^{\circ} 18' 1''$

Section 1

Apparent magnitude: 2.49

Absolute magnitude: -0.67

90. Markeb κ Velorum

Constellation: Vela

RA 9h 22' 41.2"

Decl. $-55^{\circ} 5' 25''$

Section 4

Apparent magnitude: 2.47

Absolute magnitude: -3.62

161. Matar η Pegasi

Constellation: Pegasus

RA 22h 43' 52.3"

Decl. $30^{\circ} 19' 0''$

Section 1

Apparent magnitude: 2.93

Absolute magnitude: -1.16

185. Mebsuta ϵ Geminorum

Constellation: Gemini

RA 6h 45' 4.2"

Decl. $25^{\circ} 6' 4''$

Section 3

Apparent magnitude: 3.06

Absolute magnitude: -4.15

78. Men α Lupi

Constellation: Lupus

RA 14h 43' 10.1"

Decl. $-47^{\circ} 27' 59''$

Section 6

Apparent magnitude: 2.3

Absolute magnitude: -3.83

41. Menkalinan β Aurigae

Constellation: Auriga

RA 6h 0' 53.2"

Decl. $44^{\circ} 56' 5''$

Section 3

Apparent magnitude: 1.9

Absolute magnitude: -0.1

93. Menkar α Ceti

Constellation: Cetus

RA 3h 3' 14.9"

Decl. $4^{\circ} 9' 4''$

Section 2

Apparent magnitude: 2.54

Absolute magnitude: -1.61

53. Menkent θ Centauri

Constellation: Centaurus

RA 14h 7' 46.7"

Decl. $-36^{\circ} 27' 3''$

Section 6

Apparent magnitude: 2.06

Absolute magnitude: 0.7

80. Merak β Ursae Majoris

Constellation: Ursa Major

RA 11h 2' 56.8"

Decl. $56^{\circ} 16' 5''$

Section 5

Apparent magnitude: 2.34

Absolute magnitude: 0.41

28. Miaplacidus β Carinae

Constellation: Carina

RA 9h 13' 23.7"

Decl. $-69^{\circ} 47' 37''$

Section 4

Apparent magnitude: 1.67

Absolute magnitude: -0.99

20. Mimosa β Crucis

Constellation: Crux

RA 12h 48' 48.9"

Decl. $-59^{\circ} 47' 22''$

Section 5

Apparent magnitude: 1.26

Absolute magnitude: -3.91

180. Minkar ϵ Corvi

Constellation: Corvus

RA 12h 11' 4.7"

Decl. $-22^{\circ} 43' 2''$

Section 5

Apparent magnitude: 3.02

Absolute magnitude: -1.82

73. Mintaka δ Orionis

Constellation: Orion

RA 5h 32' 57.2"

Decl. $0^{\circ} 17' 1''$

Section 3

Apparent magnitude: 2.25

Absolute magnitude: -4.99

55. Mirach β Andromedae

Constellation: Andromeda

RA 1h 10' 46.4"

Decl. $35^{\circ} 43' 0''$

Section 1

Apparent magnitude: 2.07

Absolute magnitude: -1.86

33. Mirfak α Persei

Constellation: Perseus

RA 3h 25' 39.2"

Decl. $49^{\circ} 55' 3''$

Section 2

Apparent magnitude: 1.8

Absolute magnitude: -4.49

46. Mirzam

β Canis Majoris
 Constellation: Canis Major
 RA 6h 23' 30.9"
 Decl. $-17^{\circ} 57' 5''$
 Section 3
 Apparent magnitude: 1.98
 Absolute magnitude: -3.95

69. Mizar

ζ Ursae Majoris
 Constellation: Ursa Major
 RA 13h 24' 40.1"
 Decl. $54^{\circ} 49' 4''$
 Section 5
 Apparent magnitude: 2.23
 Absolute magnitude: 0.33

175. μ^1 Scorpii

Constellation: Scorpis
 RA 16h 53' 7.6"
 Decl. $-38^{\circ} 4' 39''$
 Section 7
 Apparent magnitude: 3
 Absolute magnitude: -4.01

64. Muhlifain

γ Centauri
 Constellation: Centaurus
 RA 12h 42' 32.8"
 Decl. $-49^{\circ} 3' 40''$
 Section 5
 Apparent magnitude: 2.2
 Absolute magnitude: -0.81

110. Muphrid

η Boötis
 Constellation: Boötes
 RA 13h 55' 33.9"
 Decl. $18^{\circ} 18' 2''$
 Section 6
 Apparent magnitude: 2.68
 Absolute magnitude: 2.41

113. μ Velorum

Constellation: Vela
 RA 10h 47' 34.2"
 Decl. $-49^{\circ} 31' 6''$
 Section 5
 Apparent magnitude: 2.69
 Absolute magnitude: -0.06

65. Naos

ζ Puppis
 Constellation: Puppis
 RA 8h 4' 14.1"
 Decl. $-40^{\circ} 3' 22''$
 Section 4
 Apparent magnitude: 2.21
 Absolute magnitude: -5.95

132. Nihal

β Leporis
 Constellation: Lepus
 RA 5h 29' 2.3"
 Decl. $-20^{\circ} 44' 4''$
 Section 3
 Apparent magnitude: 2.81
 Absolute magnitude: -0.63

190. ν Hydrae

Constellation: Hydra
 RA 10h 50' 32.3"
 Decl. $-16^{\circ} 17' 27''$
 Section 5
 Apparent magnitude: 3.11
 Absolute magnitude: -0.03

52. Nunki

σ Sagittarii
 Constellation: Sagittarius
 RA 18h 56' 24.7"
 Decl. $-26^{\circ} 16' 2''$
 Section 7
 Apparent magnitude: 2.05
 Absolute magnitude: -2.14

199. N Velorum

Constellation: Vela
 RA 9h 31' 13.3189"
 Decl. $-57^{\circ} 2' 3.7578''$
 Section 4
 Apparent magnitude: 3.16
 Absolute magnitude: -1.15

179. ϕ^2 Canis Majoris

Constellation: Canis Major
 RA 7h 3' 1.47211"
 Decl. $-23^{\circ} 49' 59.8523''$
 Section 3
 Apparent magnitude: 3.02
 Absolute magnitude: -6.46

44. Peacock

α Pavonis
 Constellation: Pavo
 RA 20h 27' 6"
 Decl. $-56^{\circ} 40' 27''$
 Section 8
 Apparent magnitude: 1.93
 Absolute magnitude: -1.82

192. Persian

α Indi
 Constellation: Indus
 RA 20h 38' 51.6"
 Decl. $-47^{\circ} 13' 32''$
 Section 8
 Apparent magnitude: 3.11
 Absolute magnitude: 0.65

106. Phact

α Columbae
 Constellation: Columba
 RA 5h 40' 19.2"
 Decl. $-34^{\circ} 3' 55''$
 Section 3
 Apparent magnitude: 2.65
 Absolute magnitude: -1.93

85. Phecda

γ Ursae Majoris
 Constellation: Ursa Major
 RA 11h 54' 47.8"
 Decl. $53^{\circ} 35' 3''$
 Section 5
 Apparent magnitude: 2.41
 Absolute magnitude: 0.36

174. Pherkad Major

γ Ursae Minoris
 Constellation: Ursa Minor
 RA 15h 20' 42.8"
 Decl. $71^{\circ} 46' 0''$
 Section 6
 Apparent magnitude: 3
 Absolute magnitude: -2.84

178. Phurad

ζ Canis Majoris
 Constellation: Canis Major
 RA 6h 21' 1.4"
 Decl. $-30^{\circ} 4' 2''$
 Section 3
 Apparent magnitude: 3.02
 Absolute magnitude: -2.05

200. π Herculis

Constellation: Hercules
 RA 17h 15' 41.5"
 Decl. $36^{\circ} 47' 2''$
 Section 7
 Apparent magnitude: 3.16
 Absolute magnitude: -2.1

200. π Herculis

Constellation: Hercules
 RA 17h 15' 41.5"
 Decl. $36^{\circ} 47' 2''$
 Section 7
 Apparent magnitude: 3.16
 Absolute magnitude: -2.1

116. π Puppis

Constellation: Puppis
 RA 7h 17' 47.8"
 Decl. $-37^{\circ} 7' 54''$
 Section 3
 Apparent magnitude: 2.71
 Absolute magnitude: -4.92

154. π Scorpii

Constellation: Scorpius
RA 15h 59' 58.5"
Decl. $-26^{\circ} 9' 5''$
Section 6
Apparent magnitude: 2.89
Absolute magnitude: -2.85

17. Pollux

β Geminorum
Constellation: Gemini
RA 7h 46' 26.7"
Decl. $27^{\circ} 58' 4''$
Section 4
Apparent magnitude: 1.14
Absolute magnitude: 1.07

122. Porrima

γ Virginis
Constellation: Virgo
RA 12h 41' 39.6434"
Decl. $-1^{\circ} 26' 57.7421''$
Section 5
Apparent magnitude: 2.74
Absolute magnitude: 2.38

8. Procyon

α Canis Minoris
Constellation: Canis Minor
RA 7h 40' 16.3"
Decl. $5^{\circ} 10' 3''$
Section 4
Apparent magnitude: 0.36
Absolute magnitude: 2.64

173. ψ Ursae Majoris

Constellation: Ursa Major
RA 11h 10' 41.8"
Decl. $44^{\circ} 23' 5''$
Section 5
Apparent magnitude: 3
Absolute magnitude: -0.27

59. Rasalhague

α Ophiuchi
Constellation: Ophiuchus
RA 17h 35' 47.6"
Decl. $12^{\circ} 32' 5''$
Section 7
Apparent magnitude: 2.08
Absolute magnitude: 1.3

167. Ras Elased Australis

ϵ Leonis
Constellation: Leo
RA 9h 46' 53.9"
Decl. $23^{\circ} 41' 1''$
Section 4
Apparent magnitude: 2.97
Absolute magnitude: -1.46

129. Rastaban

β Draconis
Constellation: Draco
RA 17h 30' 51.1"
Decl. $52^{\circ} 17' 1''$
Section 7
Apparent magnitude: 2.79
Absolute magnitude: -2.43

35. Regor

γ Velorum
Constellation: Vela
RA 8h 9' 31.9501"
Decl. $-47^{\circ} 20' 11.7108''$
Section 4
Apparent magnitude: 1.81
Absolute magnitude: -5.25

21. Regulus

α Leonis
Constellation: Leo
RA 10h 9' 21.3"
Decl. $11^{\circ} 52' 3''$
Section 4
Apparent magnitude: 1.36
Absolute magnitude: -0.52

7. Rigel

β Orionis
Constellation: Orion
RA 5h 15' 25.7"
Decl. $-8^{\circ} 10' 5''$
Section 3
Apparent magnitude: 0.15v
Absolute magnitude: -6.72v

109. Ruchbah

δ Cassiopeiae
Constellation: Cassiopeia
RA 1h 27' 2.5"
Decl. $60^{\circ} 19' 5''$
Section 1
Apparent magnitude: 2.66
Absolute magnitude: 0.24

133. Rutilicus

ζ Herculis
Constellation: Hercules
RA 16h 41' 59.1"
Decl. $31^{\circ} 34' 1''$
Section 7
Apparent magnitude: 2.81
Absolute magnitude: 2.64

86. Sabik

η Ophiuchi
Constellation: Ophiuchus
RA 17h 11' 26.4"
Decl. $-15^{\circ} 44' 4''$
Section 7
Apparent magnitude: 2.43
Absolute magnitude: 0.37

164. Sadalmelik

α Aquarii
Constellation: Aquarius
RA 22h 6' 44"
Decl. $0^{\circ} 13' 4''$
Section 8
Apparent magnitude: 2.95
Absolute magnitude: -3.88

158. Sadalsuud

β Aquarii
Constellation: Aquarius
RA 21h 32' 31.9"
Decl. $-5^{\circ} 29' 2''$
Section 8
Apparent magnitude: 2.9
Absolute magnitude: -3.47

70. Sadr

γ Cygni
Constellation: Cygnus
RA 20h 22' 53.6"
Decl. $40^{\circ} 19' 0''$
Section 8
Apparent magnitude: 2.23
Absolute magnitude: -6.12

56. Saiph

κ Orionis
Constellation: Orion
RA 5h 48' 38.1"
Decl. $-9^{\circ} 39' 5''$
Section 3
Apparent magnitude: 2.07
Absolute magnitude: -4.65

39. Sargas

θ Scorpii
Constellation: Scorpius
RA 17h 38' 39"
Decl. $-43^{\circ} 0' 28''$
Section 7
Apparent magnitude: 1.86
Absolute magnitude: -2.75

196. Sarin

δ Herculis
Constellation: Hercules
RA 17h 15' 47.5"
Decl. $24^{\circ} 49' 0''$
Section 7
Apparent magnitude: 3.12
Absolute magnitude: 1.21

87. Scheat

β Pegasi
Constellation: Pegasus
RA 23h 4' 40.4"
Decl. $28^{\circ} 11' 0''$
Section 1
Apparent magnitude: 2.44v
Absolute magnitude: -1.49

71. Schedar

α Cassiopeiae
 Constellation: Cassiopeia
 RA 0h 41' 34.1"
 Decl. 56° 38' 1"
 Section 1
 Apparent magnitude: 2.24
 Absolute magnitude: -1.99

183. Seginus

γ Boötis
 Constellation: Boötes
 RA 14h 32' 49.3"
 Decl. 38° 13' 4"
 Section 6
 Apparent magnitude: 3.04
 Absolute magnitude: 0.96

24. Shaula

λ Scorpii
 Constellation: Scorpius
 RA 17h 34' 52"
 Decl. -37° 6' 5"
 Section 7
 Apparent magnitude: 1.62
 Absolute magnitude: -5.05

104. Sheratan

β Arietis
 Constellation: Aries
 RA 1h 55' 40"
 Decl. 20° 53' 5"
 Section 2
 Apparent magnitude: 2.64
 Absolute magnitude: 1.33

1. Sirius

α Canis Majoris
 Constellation: Canis Major
 RA 6h 45' 57.4"
 Decl. -16° 44' 3"
 Section 3
 Apparent magnitude: -1.46
 Absolute magnitude: 1.43

16. Spica

α Virginis
 Constellation: Virgo
 RA 13h 26' 10.2"
 Decl. -11° 15' 2"
 Section 5
 Apparent magnitude: 0.97
 Absolute magnitude: -3.56

68. Suhail

λ Velorum
 Constellation: Vela
 RA 9h 8' 40.7"
 Decl. -43° 30' 29"
 Section 4
 Apparent magnitude: 2.23
 Absolute magnitude: -3.99

187. Tais

δ Draconis
 Constellation: Draco
 RA 19h 12' 33.3"
 Decl. 67° 41' 3"
 Section 7
 Apparent magnitude: 3.07
 Absolute magnitude: 0.63

194. Talita

ι Ursae Majoris
 Constellation: Ursa Major
 RA 9h 0' 28"
 Decl. 47° 58' 0"
 Section 4
 Apparent magnitude: 3.12
 Absolute magnitude: 2.29

186. Tania Australis

μ Ursae Majoris
 Constellation: Ursa Major
 RA 10h 23' 25.5"
 Decl. 41° 24' 2"
 Section 4
 Apparent magnitude: 3.06
 Absolute magnitude: -1.35

118. Tarazed

γ Aquilae
 Constellation: Aquila
 RA 19h 47' 8.3"
 Decl. 10° 39' 3"
 Section 8
 Apparent magnitude: 2.72
 Absolute magnitude: -3.03

162. τ Puppis

Constellation: Puppis
 RA 6h 50' 23.7"
 Decl. -50° 38' 14"
 Section 3
 Apparent magnitude: 2.94
 Absolute magnitude: -0.8

135. τ Scorpii

Constellation: Scorpius
 RA 16h 37' 2.2"
 Decl. -28° 15' 1"
 Section 7
 Apparent magnitude: 2.82
 Absolute magnitude: -2.78

148. Tejat

μ Geminorum
 Constellation: Gemini
 RA 6h 24' 4.8"
 Decl. 22° 30' 0"
 Section 3
 Apparent magnitude: 2.87v
 Absolute magnitude: -1.39v

107. θ Aurigæ

Constellation: Auriga
 RA 6h 0' 59"
 Decl. 37° 12' 4"
 Section 3
 Apparent magnitude: 2.65
 Absolute magnitude: -0.98

121. θ Carinæ

Constellation: Carina
 RA 10h 43' 37.3"
 Decl. -64° 29' 30"
 Section 5
 Apparent magnitude: 2.74
 Absolute magnitude: -2.91

138. Turais

ρ Puppis
 Constellation: Puppis
 RA 8h 8' 19.9"
 Decl. -24° 21' 3"
 Section 4
 Apparent magnitude: 2.83
 Absolute magnitude: 1.41

103. Unukalhai

α Serpentis
 Constellation: Serpens
 RA 15h 45' 10.8"
 Decl. 6° 22' 0"
 Section 6
 Apparent magnitude: 2.63
 Absolute magnitude: 0.87

160. ν Carinæ

Constellation: Carina
 RA 9h 47' 33.8"
 Decl. -65° 9' 29"
 Section 4
 Apparent magnitude: 2.92
 Absolute magnitude: -5.56

5. Vega

α Lyrae
 Constellation: Lyra
 RA 18h 37' 33.9"
 Decl. 38° 48' 0"
 Section 7
 Apparent magnitude: 0.03
 Absolute magnitude: 0.58

144. Vindemiatrix

ϵ Virginis
 Constellation: Virgo
 RA 13h 3' 5.9"
 Decl. 10° 51' 3"
 Section 5
 Apparent magnitude: 2.85
 Absolute magnitude: 0.37

193. Wazn β Columbae

Constellation: Columba

RA 5h 51' 36.8"

Decl. $-35^{\circ} 45' 44''$

Section 3

Apparent magnitude: 3.12

Absolute magnitude: 1.02

77. Wei ϵ Scorpii

Constellation: Scorpius

RA 16h 51' 21.9"

Decl. $-34^{\circ} 19' 3''$

Section 7

Apparent magnitude: 2.29

Absolute magnitude: 0.78

36. Wezen δ Canis Majoris

Constellation: Canis Major

RA 7h 9' 8.6"

Decl. $-26^{\circ} 25' 2''$

Section 3

Apparent magnitude: 1.83

Absolute magnitude: -6.87

119. Yed Prior δ Ophiuchi

Constellation: Ophiuchus

RA 16h 15' 19"

Decl. $-3^{\circ} 44' 2''$

Section 6

Apparent magnitude: 2.73

Absolute magnitude: -0.86

165. Zaurak γ Eridani

Constellation: Eridanus

RA 3h 58' 53.6"

Decl. $-13^{\circ} 27' 2''$

Section 2

Apparent magnitude: 2.97

Absolute magnitude: -1.19

195. ζ Aræ

Constellation: Ara

RA 17h 0' 9.4"

Decl. $-56^{\circ} 1' 2''$

Section 7

Apparent magnitude: 3.12

Absolute magnitude: -3.11

95. ζ Centauri

Constellation: Centaurus

RA 13h 56' 42.2"

Decl. $-47^{\circ} 22' 43''$

Section 6

Apparent magnitude: 2.55

Absolute magnitude: -2.81

189. ζ Hydræ

Constellation: Hydra

RA 8h 56' 22.2"

Decl. $5^{\circ} 52' 2''$

Section 4

Apparent magnitude: 3.11

Absolute magnitude: -0.21

140. ζ Persei

Constellation: Perseus

RA 3h 55' 18"

Decl. $31^{\circ} 56' 1''$

Section 2

Apparent magnitude: 2.84

Absolute magnitude: -4.55

96. Zosma δ Leonis

Constellation: Leo

RA 11h 15' 5.4"

Decl. $20^{\circ} 25' 1''$

Section 5

Apparent magnitude: 2.56

Absolute magnitude: 1.32

105. Zubenelgenubi α^2 Librae

Constellation: Libra

RA 14h 50' 52.7131"

Decl. $-16^{\circ} 2' 30.3955''$

Section 6

Apparent magnitude: 2.64

Absolute magnitude: 0.77

102. Zubeneshamali β Librae

Constellation: Libra

RA 15h 18' 0.3"

Decl. $-9^{\circ} 27' 0''$

Section 6

Apparent magnitude: 2.61

Absolute magnitude: -0.84

Stars According to Brightness

54. Alpheratz

α Andromedae
 Constellation: Andromeda
 RA 0h 9' 20.9"
 Decl. 29° 11' 3"
 Section 1
 Apparent magnitude: 2.07
 Absolute magnitude: -0.3

164. Sadalmelik

α Aquarii
 Constellation: Aquarius
 RA 22h 6' 44"
 Decl. 0° 13' 4"
 Section 8
 Apparent magnitude: 2.95
 Absolute magnitude: -3.88

12. Altair

α Aquilae
 Constellation: Aquila
 RA 19h 51' 41.1"
 Decl. 8° 55' 0"
 Section 8
 Apparent magnitude: 0.77
 Absolute magnitude: 2.21

142. Choo

α Arae
 Constellation: Ara
 RA 17h 33' 16.4"
 Decl. -49° 53' 20"
 Section 7
 Apparent magnitude: 2.84
 Absolute magnitude: -1.51

50. Hamal

α Arietis
 Constellation: Aries
 RA 2h 8' 13.2"
 Decl. 23° 32' 5"
 Section 2
 Apparent magnitude: 2.01
 Absolute magnitude: 0.48

6. Capella

α Aurigae
 Constellation: Auriga
 RA 5h 18' 3.5"
 Decl. 46° 0' 5"
 Section 3
 Apparent magnitude: 0.07
 Absolute magnitude: -0.49

4. Arcturus

α Boötis
 Constellation: Boötes
 RA 14h 16' 30.3"
 Decl. 19° 5' 1"
 Section 6
 Apparent magnitude: -0.05
 Absolute magnitude: -0.31

1. Sirius

α Canis Majoris
 Constellation: Canis Major
 RA 6h 45' 57.4"
 Decl. -16° 44' 3"
 Section 3
 Apparent magnitude: -1.46
 Absolute magnitude: 1.43

8. Procyon

α Canis Minoris
 Constellation: Canis Minor
 RA 7h 40' 16.3"
 Decl. 5° 10' 3"
 Section 4
 Apparent magnitude: 0.36
 Absolute magnitude: 2.64

2. Canopus

α Carinae
 Constellation: Carina
 RA 6h 24' 21.8"
 Decl. -52° 42' 23"
 Section 3
 Apparent magnitude: -0.73
 Absolute magnitude: -5.64

71. Schedar

α Cassiopeiae
 Constellation: Cassiopeia
 RA 0h 41' 34.1"
 Decl. 56° 38' 1"
 Section 1
 Apparent magnitude: 2.24
 Absolute magnitude: -1.99

89. Alderamin

α Cephei
 Constellation: Cepheus
 RA 21h 19' 1.2"
 Decl. 62° 39' 5"
 Section 8
 Apparent magnitude: 2.45
 Absolute magnitude: 1.58

93. Menkar

α Ceti
 Constellation: Cetus
 RA 3h 3' 14.9"
 Decl. 4° 9' 4"
 Section 2
 Apparent magnitude: 2.54
 Absolute magnitude: -1.61

106. Phact

α Columbae
 Constellation: Columba
 RA 5h 40' 19.2"
 Decl. -34° 3' 55"
 Section 3
 Apparent magnitude: 2.65
 Absolute magnitude: -1.93

67. Alphecca

α Coronae Borealis
 Constellation: Corona Borealis
 RA 15h 35' 28.3"
 Decl. 26° 39' 1"
 Section 6
 Apparent magnitude: 2.22
 Absolute magnitude: 0.42

19. Deneb

α Cygni
 Constellation: Cygnus
 RA 20h 42' 3.8"
 Decl. 45° 20' 5"
 Section 8
 Apparent magnitude: 1.24
 Absolute magnitude: -8.74

9. Achernar

α Eridani
 Constellation: Eridanus
 RA 1h 38' 24"
 Decl. -57° 8' 36"
 Section 2
 Apparent magnitude: 0.45
 Absolute magnitude: -2.77

23. Castor

α Geminorum
 Constellation: Gemini
 RA 7h 34' 35.863"
 Decl. 31° 53' 17.79"
 Section 4
 Apparent magnitude: 1.58
 Absolute magnitude: 0.59

30. Alnair

α Gruis
 Constellation: Grus
 RA 22h 9' 23.4"
 Decl. $-46^{\circ} 52' 14''$
 Section 8
 Apparent magnitude: 1.74
 Absolute magnitude: -0.72

47. Alphard

α Hydrae
 Constellation: Hydra
 RA 9h 28' 29.8"
 Decl. $-8^{\circ} 44' 2''$
 Section 4
 Apparent magnitude: 1.98
 Absolute magnitude: -1.7

192. Persian

α Indi
 Constellation: Indus
 RA 20h 38' 51.6"
 Decl. $-47^{\circ} 13' 32''$
 Section 8
 Apparent magnitude: 3.11
 Absolute magnitude: 0.65

21. Regulus

α Leonis
 Constellation: Leo
 RA 10h 9' 21.3"
 Decl. $11^{\circ} 52' 3''$
 Section 4
 Apparent magnitude: 1.36
 Absolute magnitude: -0.52

98. Arneb

α Leporis
 Constellation: Lepus
 RA 5h 33' 32.8"
 Decl. $-17^{\circ} 48' 3''$
 Section 3
 Apparent magnitude: 2.58
 Absolute magnitude: -5.4

78. Men

α Lupi
 Constellation: Lupus
 RA 14h 43' 10.1"
 Decl. $-47^{\circ} 27' 59''$
 Section 6
 Apparent magnitude: 2.3
 Absolute magnitude: -3.83

5. Vega

α Lyrae
 Constellation: Lyra
 RA 18h 37' 33.9"
 Decl. $38^{\circ} 48' 0''$
 Section 7
 Apparent magnitude: 0.03
 Absolute magnitude: 0.58

59. Rasalhague

α Ophiuchi
 Constellation: Ophiuchus
 RA 17h 35' 47.6"
 Decl. $12^{\circ} 32' 5''$
 Section 7
 Apparent magnitude: 2.08
 Absolute magnitude: 1.3

10. Betelgeuse

α Orionis
 Constellation: Orion
 RA 5h 56' 10.4"
 Decl. $7^{\circ} 24' 3''$
 Section 3
 Apparent magnitude: 0.55v
 Absolute magnitude: -5.04v

44. Peacock

α Pavonis
 Constellation: Pavo
 RA 20h 27' 6"
 Decl. $-56^{\circ} 40' 27''$
 Section 8
 Apparent magnitude: 1.93
 Absolute magnitude: -1.82

92. Markab

α Pegasi
 Constellation: Pegasus
 RA 23h 5' 41"
 Decl. $15^{\circ} 18' 1''$
 Section 1
 Apparent magnitude: 2.49
 Absolute magnitude: -0.67

33. Mirfak

α Persei
 Constellation: Perseus
 RA 3h 25' 39.2"
 Decl. $49^{\circ} 55' 3''$
 Section 2
 Apparent magnitude: 1.8
 Absolute magnitude: -4.49

84. Ankaa

α Phoenicis
 Constellation: Phoenix
 RA 0h 27' 11.7"
 Decl. $-42^{\circ} 12' 20''$
 Section 1
 Apparent magnitude: 2.4
 Absolute magnitude: 0.52

18. Fomalhaut

α Piscis Austrini
 Constellation: Piscis Austrinus
 RA 22h 57' 39.0465"
 Decl. $-29^{\circ} 37' 20.05''$
 Section 1
 Apparent magnitude: 1.15
 Absolute magnitude: 1.72

15. Antares

α Scorpii
 Constellation: Scorpius
 RA 16h 30' 32.7"
 Decl. $-26^{\circ} 28' 1''$
 Section 7
 Apparent magnitude: 0.95v
 Absolute magnitude: -5.39v

103. Unukalhai

α Serpentis
 Constellation: Serpens
 RA 15h 45' 10.8"
 Decl. $6^{\circ} 22' 0''$
 Section 6
 Apparent magnitude: 2.63
 Absolute magnitude: 0.87

14. Aldebaran

α Tauri
 Constellation: Taurus
 RA 4h 36' 59.1"
 Decl. $16^{\circ} 32' 4''$
 Section 3
 Apparent magnitude: 0.86v
 Absolute magnitude: -0.64v

42. Atria

α Trianguli Australis
 Constellation: Triangulum Australe
 RA 16h 48' 39.8951"
 Decl. $-69^{\circ} 1' 39.7626''$
 Section 7
 Apparent magnitude: 1.92
 Absolute magnitude: -3.61

34. Dubhe

α Ursae Majoris
 Constellation: Ursa Major
 RA 11h 4' 51.2"
 Decl. $61^{\circ} 39' 0''$
 Section 5
 Apparent magnitude: 1.8
 Absolute magnitude: -1.09

16. Spica

α Virginis
 Constellation: Virgo
 RA 13h 26' 10.2"
 Decl. $-11^{\circ} 15' 2''$
 Section 5
 Apparent magnitude: 0.97
 Absolute magnitude: -3.56

130. Cor Caroli 2

α^2 Canum Venaticorum
 Constellation: Canes Venatici
 RA 12h 56' 1.66622"
 Decl. $38^{\circ} 19' 6.1541''$
 Section 5
 Apparent magnitude: 2.98v
 Absolute magnitude: 0.16

105. Zubenelgenubi α^2 Librae

Constellation: Libra

RA 14h 50' 52.7131"

Decl. $-16^\circ 2' 30.3955''$

Section 6

Apparent magnitude: 2.64

Absolute magnitude: 0.77

55. Mirach β Andromedae

Constellation: Andromeda

RA 1h 10' 46.4"

Decl. $35^\circ 43' 0''$

Section 1

Apparent magnitude: 2.07

Absolute magnitude: -1.86

158. Sadalsuud β Aquarii

Constellation: Aquarius

RA 21h 32' 31.9"

Decl. $-5^\circ 29' 2''$

Section 8

Apparent magnitude: 2.9

Absolute magnitude: -3.47

104. Sheratan β Arietis

Constellation: Aries

RA 1h 55' 40"

Decl. $20^\circ 53' 5''$

Section 2

Apparent magnitude: 2.64

Absolute magnitude: 1.33

41. Menkalinan β Aurigae

Constellation: Auriga

RA 6h 0' 53.2"

Decl. $44^\circ 56' 5''$

Section 3

Apparent magnitude: 1.9

Absolute magnitude: -0.1

46. Mirzam β Canis Majoris

Constellation: Canis Major

RA 6h 23' 30.9"

Decl. $-17^\circ 57' 5''$

Section 3

Apparent magnitude: 1.98

Absolute magnitude: -3.95

153. Gomeisa β Canis Minoris

Constellation: Canis Minor

RA 7h 28' 9.2"

Decl. $8^\circ 15' 0''$

Section 3

Apparent magnitude: 2.89

Absolute magnitude: -0.7

184. Dabih β Capricorni

Constellation: Capricornus

RA 20h 22' 2.9"

Decl. $-14^\circ 43' 1''$

Section 8

Apparent magnitude: 3.05

Absolute magnitude: -2.07

28. Miaplacidus β Carinae

Constellation: Carina

RA 9h 13' 23.7"

Decl. $-69^\circ 47' 37''$

Section 4

Apparent magnitude: 1.67

Absolute magnitude: -0.99

74. Caph β Cassiopeiae

Constellation: Cassiopeia

RA 0h 10' 10.6"

Decl. $59^\circ 15' 0''$

Section 1

Apparent magnitude: 2.28

Absolute magnitude: 1.17

11. Hadar β Centauri

Constellation: Centaurus

RA 14h 5' 8.7"

Decl. $-60^\circ 27' 41''$

Section 6

Apparent magnitude: 0.61

Absolute magnitude: -5.42

51. Diphda β Ceti

Constellation: Cetus

RA 0h 44' 31"

Decl. $-17^\circ 53' 0''$

Section 1

Apparent magnitude: 2.04

Absolute magnitude: -0.3

193. Wazn β Columbae

Constellation: Columba

RA 5h 51' 36.8"

Decl. $-35^\circ 45' 44''$

Section 3

Apparent magnitude: 3.12

Absolute magnitude: 1.02

108. Kraz β Corvi

Constellation: Corvus

RA 12h 35' 21.7"

Decl. $-23^\circ 29' 5''$

Section 5

Apparent magnitude: 2.65

Absolute magnitude: -0.51

20. Mimosa β Crucis

Constellation: Crux

RA 12h 48' 48.9"

Decl. $-59^\circ 47' 22''$

Section 5

Apparent magnitude: 1.26

Absolute magnitude: -3.91

157. Albireo β Cygni

Constellation: Cygnus

RA 19h 31' 28.1"

Decl. $27^\circ 59' 5''$

Section 8

Apparent magnitude: 2.9

Absolute magnitude: -2.31

129. Rastaban β Draconis

Constellation: Draco

RA 17h 30' 51.1"

Decl. $52^\circ 17' 1''$

Section 7

Apparent magnitude: 2.79

Absolute magnitude: -2.43

126. Kursa β Eridani

Constellation: Eridanus

RA 5h 8' 45.6"

Decl. $-5^\circ 3' 5''$

Section 3

Apparent magnitude: 2.78

Absolute magnitude: 0.6

17. Pollux β Geminorum

Constellation: Gemini

RA 7h 46' 26.7"

Decl. $27^\circ 58' 4''$

Section 4

Apparent magnitude: 1.14

Absolute magnitude: 1.07

58. Al Dhanab β Gruis

Constellation: Grus

RA 22h 43' 45.8"

Decl. $-46^\circ 47' 14''$

Section 1

Apparent magnitude: 2.07v

Absolute magnitude: 1.52

127. Kornephoros β Herculis

Constellation: Hercules

RA 16h 31' 1"

Decl. $21^\circ 27' 0''$

Section 7

Apparent magnitude: 2.78

Absolute magnitude: -0.5

62. Denebola β Leonis

Constellation: Leo

RA 11h 50' 0.1"

Decl. 14° 28' 0"

Section 5

Apparent magnitude: 2.14

Absolute magnitude: 1.92

132. Nihal β Leporis

Constellation: Lepus

RA 5h 29' 2.3"

Decl. -20° 44' 4"

Section 3

Apparent magnitude: 2.81

Absolute magnitude: -0.63

102. Zubeneschamali β Librae

Constellation: Libra

RA 15h 18' 0.3"

Decl. -9° 27' 0"

Section 6

Apparent magnitude: 2.61

Absolute magnitude: -0.84

111. Ke Kouan β Lupi

Constellation: Lupus

RA 14h 59' 45.1"

Decl. -43° 12' 26"

Section 6

Apparent magnitude: 2.68

Absolute magnitude: -3.35

125. Cebalrai β Ophiuchi

Constellation: Ophiuchus

RA 17h 44' 23.2"

Decl. 4° 33' 3"

Section 7

Apparent magnitude: 2.76

Absolute magnitude: 0.76

7. Rigel β Orionis

Constellation: Orion

RA 5h 15' 25.7"

Decl. -8° 10' 5"

Section 3

Apparent magnitude: 0.15v

Absolute magnitude: -6.72v

87. Scheat β Pegasi

Constellation: Pegasus

RA 23h 4' 40.4"

Decl. 28° 11' 0"

Section 1

Apparent magnitude: 2.44v

Absolute magnitude: -1.49

60. Algol β Persei

Constellation: Perseus

RA 3h 9' 22.8"

Decl. 41° 1' 3"

Section 2

Apparent magnitude: 2.09

Absolute magnitude: 0.18

27. Elnath β Tauri

Constellation: Taurus

RA 5h 27' 27.8"

Decl. 28° 37' 1"

Section 3

Apparent magnitude: 1.66

Absolute magnitude: -1.36

80. Merak β Ursae Majoris

Constellation: Ursa Major

RA 11h 2' 56.8"

Decl. 56° 16' 5"

Section 5

Apparent magnitude: 2.34

Absolute magnitude: 0.41

57. Kochab β Ursae Minoris

Constellation: Ursa Minor

RA 14h 50' 40.2"

Decl. 74° 4' 4"

Section 6

Apparent magnitude: 2.07

Absolute magnitude: -0.87

36. Wezen δ Canis Majoris

Constellation: Canis Major

RA 7h 9' 8.6"

Decl. -26° 25' 2"

Section 3

Apparent magnitude: 1.83

Absolute magnitude: -6.87

145. Deneb Algedi δ Capricorni

Constellation: Capricornus

RA 21h 48' 3.6"

Decl. -16° 2' 3"

Section 8

Apparent magnitude: 2.85

Absolute magnitude: 2.49

109. Ruchbah δ Cassiopeiae

Constellation: Cassiopeia

RA 1h 27' 2.5"

Decl. 60° 19' 5"

Section 1

Apparent magnitude: 2.66

Absolute magnitude: 0.24

163. Algorel δ Corvi

Constellation: Corvus

RA 12h 30' 49.4"

Decl. -16° 37' 0"

Section 5

Apparent magnitude: 2.94

Absolute magnitude: 0.79

187. Tais δ Draconis

Constellation: Draco

RA 19h 12' 33.3"

Decl. 67° 41' 3"

Section 7

Apparent magnitude: 3.07

Absolute magnitude: 0.63

196. Sarin δ Herculis

Constellation: Hercules

RA 17h 15' 47.5"

Decl. 24° 49' 0"

Section 7

Apparent magnitude: 3.12

Absolute magnitude: 1.21

96. Zosma δ Leonis

Constellation: Leo

RA 11h 15' 5.4"

Decl. 20° 25' 1"

Section 5

Apparent magnitude: 2.56

Absolute magnitude: 1.32

119. Yed Prior δ Ophiuchi

Constellation: Ophiuchus

RA 16h 15' 19"

Decl. -3° 44' 2"

Section 6

Apparent magnitude: 2.73

Absolute magnitude: -0.86

73. Mintaka δ Orionis

Constellation: Orion

RA 5h 32' 57.2"

Decl. 0° 17' 1"

Section 3

Apparent magnitude: 2.25

Absolute magnitude: -4.99

117. Kaus Meridionalis δ Sagittarii

Constellation: Sagittarius

RA 18h 22' 10.7"

Decl. -29° 49' 0"

Section 7

Apparent magnitude: 2.72

Absolute magnitude: -2.14

76. Dschubba

δ Scorpii

Constellation: Scorpius

RA 16h 1' 25.8"

Decl. -22° 40' 2"

Section 6

Apparent magnitude: 2.29

Absolute magnitude: -3.16

45. Koo She

δ Velorum

Constellation: Vela

RA 8h 45' 12.9"

Decl. -54° 46' 38"

Section 4

Apparent magnitude: 1.95

Absolute magnitude: 0.01

181. Almaaz

ε Aurigae

Constellation: Auriga

RA 5h 3' 18"

Decl. 43° 50' 5"

Section 3

Apparent magnitude: 3.03

Absolute magnitude: -5.95

81. Izar

ε Boötis

Constellation: Boötes

RA 14h 45' 47.7"

Decl. 26° 59' 4"

Section 6

Apparent magnitude: 2.35

Absolute magnitude: -1.69

22. Adhara

ε Canis Majoris

Constellation: Canis Major

RA 6h 59' 21.2"

Decl. -28° 59' 5"

Section 3

Apparent magnitude: 1.5

Absolute magnitude: -4.1

40. Avior

ε Carinae

Constellation: Carina

RA 8h 22' 53.5"

Decl. -59° 34' 10"

Section 4

Apparent magnitude: 1.87

Absolute magnitude: -4.57

180. Minkar

ε Corvi

Constellation: Corvus

RA 12h 11' 4.7"

Decl. -22° 43' 2"

Section 5

Apparent magnitude: 3.02

Absolute magnitude: -1.82

91. Gienah

ε Cygni

Constellation: Cygnus

RA 20h 46' 57.6"

Decl. 34° 2' 2"

Section 8

Apparent magnitude: 2.48

Absolute magnitude: 0.76

185. Mebsuta

ε Geminorum

Constellation: Gemini

RA 6h 45' 4.2"

Decl. 25° 6' 4"

Section 3

Apparent magnitude: 3.06

Absolute magnitude: -4.15

167. Ras Elased Australis

ε Leonis

Constellation: Leo

RA 9h 46' 53.9"

Decl. 23° 41' 1"

Section 4

Apparent magnitude: 2.97

Absolute magnitude: -1.46

29. Alnilam

ε Orionis

Constellation: Orion

RA 5h 37' 9.2"

Decl. -1° 11' 2"

Section 3

Apparent magnitude: 1.69

Absolute magnitude: -6.38

82. Enif

ε Pegasi

Constellation: Pegasus

RA 21h 45' 5.7"

Decl. 9° 57' 3"

Section 8

Apparent magnitude: 2.38

Absolute magnitude: -4.19

37. Kaus Australis

ε Sagittarii

Constellation: Sagittarius

RA 18h 25' 24"

Decl. -34° 22' 2"

Section 7

Apparent magnitude: 1.84

Absolute magnitude: -1.39

77. Wei

ε Scorpii

Constellation: Scorpius

RA 16h 51' 21.9"

Decl. -34° 19' 3"

Section 7

Apparent magnitude: 2.29

Absolute magnitude: 0.78

32. Alioth

ε Ursae Majoris

Constellation: Ursa Major

RA 12h 54' 50.3"

Decl. 55° 51' 3"

Section 5

Apparent magnitude: 1.77

Absolute magnitude: -0.2

144. Vindemiatrix

ε Virginis

Constellation: Virgo

RA 13h 3' 5.9"

Decl. 10° 51' 3"

Section 5

Apparent magnitude: 2.85

Absolute magnitude: 0.37

110. Muphrid

η Boötis

Constellation: Boötes

RA 13h 55' 33.9"

Decl. 18° 18' 2"

Section 6

Apparent magnitude: 2.68

Absolute magnitude: 2.41

88. Aludra

η Canis Majoris

Constellation: Canis Major

RA 7h 24' 49.6"

Decl. -29° 20' 2"

Section 3

Apparent magnitude: 2.45

Absolute magnitude: -7.51

120. Aldhibain

η Draconis

Constellation: Draco

RA 16h 24' 14.7"

Decl. 61° 28' 2"

Section 6

Apparent magnitude: 2.73

Absolute magnitude: 0.58

86. Sabik

η Ophiuchi

Constellation: Ophiuchus

RA 17h 11' 26.4"

Decl. -15° 44' 4"

Section 7

Apparent magnitude: 2.43

Absolute magnitude: 0.37

161. Matar

η Pegasi

Constellation: Pegasus

RA 22h 43' 52.3"

Decl. 30° 19' 0"

Section 1

Apparent magnitude: 2.93

Absolute magnitude: -1.16

143. Alcyone

η Tauri
 Constellation: Taurus
 RA 3h 48' 35.3"
 Decl. 24° 9' 4"
 Section 2
 Apparent magnitude: 2.85
 Absolute magnitude: -2.41

38. Alkaid

η Ursae Majoris
 Constellation: Ursa Major
 RA 13h 48' 16.1"
 Decl. 49° 13' 1"
 Section 6
 Apparent magnitude: 1.86
 Absolute magnitude: -0.59

61. Almach

γ Andromedae
 Constellation: Andromeda
 RA 2h 3' 53.9523"
 Decl. 42° 19' 47.0223"
 Section 2
 Apparent magnitude: 2.1
 Absolute magnitude: -3.08

118. Tarazed

γ Aquilae
 Constellation: Aquila
 RA 19h 47' 8.3"
 Decl. 10° 39' 3"
 Section 8
 Apparent magnitude: 2.72
 Absolute magnitude: -3.03

183. Seginus

γ Boötis
 Constellation: Boötes
 RA 14h 32' 49.3"
 Decl. 38° 13' 4"
 Section 6
 Apparent magnitude: 3.04
 Absolute magnitude: 0.96

63. Cih

γ Cassiopeiae
 Constellation: Cassiopeia
 RA 0h 57' 50.4"
 Decl. 60° 48' 5"
 Section 1
 Apparent magnitude: 2.15v
 Absolute magnitude: -4.22

64. Muhlifain

γ Centauri
 Constellation: Centaurus
 RA 12h 42' 32.8"
 Decl. -49° 3' 40"
 Section 5
 Apparent magnitude: 2.2
 Absolute magnitude: -0.81

100. Gienah Ghurab

γ Corvi
 Constellation: Corvus
 RA 12h 16' 45.6"
 Decl. -17° 38' 4"
 Section 5
 Apparent magnitude: 2.58
 Absolute magnitude: -0.94

25. Gacrux

γ Crucis
 Constellation: Crux
 RA 12h 32' 12.2"
 Decl. -57° 13' 0"
 Section 5
 Apparent magnitude: 1.63
 Absolute magnitude: -0.52

70. Sadr

γ Cygni
 Constellation: Cygnus
 RA 20h 22' 53.6"
 Decl. 40° 19' 0"
 Section 8
 Apparent magnitude: 2.23
 Absolute magnitude: -6.12

72. Eltanin

γ Draconis
 Constellation: Draco
 RA 17h 57' 2.2"
 Decl. 51° 29' 1"
 Section 7
 Apparent magnitude: 2.24
 Absolute magnitude: -1.04

165. Zaurak

γ Eridani
 Constellation: Eridanus
 RA 3h 58' 53.6"
 Decl. -13° 27' 2"
 Section 2
 Apparent magnitude: 2.97
 Absolute magnitude: -1.19

43. Alhena

γ Geminorum
 Constellation: Gemini
 RA 6h 38' 46.8"
 Decl. 16° 22' 5"
 Section 3
 Apparent magnitude: 1.93
 Absolute magnitude: -0.6

49. Algieba

γ Leonis
 Constellation: Leo
 RA 10h 19' 58.3506"
 Decl. 19° 50' 29.3468"
 Section 4
 Apparent magnitude: 2
 Absolute magnitude: -0.93

26. Bellatrix

γ Orionis
 Constellation: Orion
 RA 5h 26' 7.5"
 Decl. 6° 21' 5"
 Section 3
 Apparent magnitude: 1.64
 Absolute magnitude: -2.72

137. Algenib

γ Pegasi
 Constellation: Pegasus
 RA 0h 14' 11.4"
 Decl. 15° 17' 1"
 Section 1
 Apparent magnitude: 2.83
 Absolute magnitude: -2.22

168. Alnasl

γ Sagittarii
 Constellation: Sagittarius
 RA 18h 6' 59.8"
 Decl. -30° 25' 2"
 Section 7
 Apparent magnitude: 2.98
 Absolute magnitude: 0.63

85. Phecda

γ Ursae Majoris
 Constellation: Ursa Major
 RA 11h 54' 47.8"
 Decl. 53° 35' 3"
 Section 5
 Apparent magnitude: 2.41
 Absolute magnitude: 0.36

174. Pherkad Major

γ Ursae Minoris
 Constellation: Ursa Minor
 RA 15h 20' 42.8"
 Decl. 71° 46' 0"
 Section 6
 Apparent magnitude: 3
 Absolute magnitude: -2.84

35. Regor

γ Velorum
 Constellation: Vela
 RA 8h 9' 31.9501"
 Decl. -47° 20' 11.7108"
 Section 4
 Apparent magnitude: 1.81
 Absolute magnitude: -5.25

122. Porrima

γ Virginis
 Constellation: Virgo
 RA 12h 41' 39.6434"
 Decl. -1° 26' 57.7421"
 Section 5
 Apparent magnitude: 2.74
 Absolute magnitude: 2.38

112. Hassaleh ι Aurigae

Constellation: Auriga

RA 4h 58' 12.1"

Decl. 33° 11' 3"

Section 3

Apparent magnitude: 2.69

Absolute magnitude: -3.29

66. Aspidiske ι Carinae

Constellation: Carina

RA 9h 17' 35.1"

Decl. -59° 21' 12"

Section 4

Apparent magnitude: 2.21v

Absolute magnitude: -4.42

123. Hatysa ι Orionis

Constellation: Orion

RA 5h 36' 20.3"

Decl. -5° 53' 5"

Section 3

Apparent magnitude: 2.75

Absolute magnitude: -5.3

194. Talita ι Ursae Majoris

Constellation: Ursa Major

RA 9h 0' 28"

Decl. 47° 58' 0"

Section 4

Apparent magnitude: 3.12

Absolute magnitude: 2.29

197. Ke Kwan κ Centauri

Constellation: Centaurus

RA 15h 0' 22.3"

Decl. -42° 10' 38"

Section 6

Apparent magnitude: 3.13

Absolute magnitude: -2.96

56. Saiph κ Orionis

Constellation: Orion

RA 5h 48' 38.1"

Decl. -9° 39' 5"

Section 3

Apparent magnitude: 2.07

Absolute magnitude: -4.65

83. Girtab κ Scorpii

Constellation: Scorpius

RA 17h 43' 46.1"

Decl. -39° 2' 16"

Section 7

Apparent magnitude: 2.39

Absolute magnitude: -3.38

90. Markeb κ Velorum

Constellation: Vela

RA 9h 22' 41.2"

Decl. -55° 5' 25"

Section 4

Apparent magnitude: 2.47

Absolute magnitude: -3.62

136. Kaus Borealis λ Sagittarii

Constellation: Sagittarius

RA 18h 29' 6.7"

Decl. -25° 24' 3"

Section 7

Apparent magnitude: 2.82

Absolute magnitude: 0.95

24. Shaula λ Scorpii

Constellation: Scorpius

RA 17h 34' 52"

Decl. -37° 6' 5"

Section 7

Apparent magnitude: 1.62

Absolute magnitude: -5.05

68. Suhail λ Velorum

Constellation: Vela

RA 9h 8' 40.7"

Decl. -43° 30' 29"

Section 4

Apparent magnitude: 2.23

Absolute magnitude: -3.99

148. Tejat μ Geminorum

Constellation: Gemini

RA 6h 24' 4.8"

Decl. 22° 30' 0"

Section 3

Apparent magnitude: 2.87v

Absolute magnitude: -1.39v

186. Tania Australis μ Ursae Majoris

Constellation: Ursa Major

RA 10h 23' 25.5"

Decl. 41° 24' 2"

Section 4

Apparent magnitude: 3.06

Absolute magnitude: -1.35

152. Albaldah π Sagittarii

Constellation: Sagittarius

RA 19h 10' 51.8"

Decl. -20° 59' 3"

Section 7

Apparent magnitude: 2.88

Absolute magnitude: -2.77

138. Turais ρ Puppis

Constellation: Puppis

RA 8h 8' 19.9"

Decl. -24° 21' 3"

Section 4

Apparent magnitude: 2.83

Absolute magnitude: 1.41

52. Nunki σ Sagittarii

Constellation: Sagittarius

RA 18h 56' 24.7"

Decl. -26° 16' 2"

Section 7

Apparent magnitude: 2.05

Absolute magnitude: -2.14

156. Alniyat σ Scorpii

Constellation: Scorpius

RA 16h 22' 19"

Decl. -25° 38' 0"

Section 6

Apparent magnitude: 2.9v

Absolute magnitude: -3.86v

53. Menkent θ Centauri

Constellation: Centaurus

RA 14h 7' 46.7"

Decl. -36° 27' 3"

Section 6

Apparent magnitude: 2.06

Absolute magnitude: 0.7

39. Sargas θ Scorpii

Constellation: Scorpius

RA 17h 38' 39"

Decl. -43° 0' 28"

Section 7

Apparent magnitude: 1.86

Absolute magnitude: -2.75

151. Acamar θ^1 Eridani

Constellation: Eridanus

RA 2h 58' 15.6792"

Decl. -40° 18' 16.8457"

Section 2

Apparent magnitude: 2.88

Absolute magnitude: -0.59

115. Lesath ν Scorpii

Constellation: Scorpius

RA 17h 32' 1.4"

Decl. -37° 18' 3"

Section 7

Apparent magnitude: 2.7

Absolute magnitude: -3.31

171. Deneb el Okab

ζ Aquilae
 Constellation: Aquila
 RA 19h 6' 15.6"
 Decl. 13° 53' 3"
 Section 7
 Apparent magnitude: 2.99
 Absolute magnitude: 0.96

178. Phurad

ζ Canis Majoris
 Constellation: Canis Major
 RA 6h 21' 1.4"
 Decl. -30° 4' 2"
 Section 3
 Apparent magnitude: 3.02
 Absolute magnitude: -2.05

133. Rutilicus

ζ Herculis
 Constellation: Hercules
 RA 16h 41' 59.1"
 Decl. 31° 34' 1"
 Section 7
 Apparent magnitude: 2.81
 Absolute magnitude: 2.64

94. Han

ζ Ophiuchi
 Constellation: Ophiuchus
 RA 16h 38' 10.8"
 Decl. -10° 36' 1"
 Section 7
 Apparent magnitude: 2.54
 Absolute magnitude: -3.2

31. Alnitak

ζ Orionis
 Constellation: Orion
 RA 5h 41' 41.6"
 Decl. -1° 56' 0"
 Section 3
 Apparent magnitude: 1.75
 Absolute magnitude: -5.25

65. Naos

ζ Puppis
 Constellation: Puppis
 RA 8h 4' 14.1"
 Decl. -40° 3' 22"
 Section 4
 Apparent magnitude: 2.21
 Absolute magnitude: -5.95

101. Ascella

ζ Sagittarii
 Constellation: Sagittarius
 RA 19h 3' 47.2"
 Decl. -29° 51' 0"
 Section 7
 Apparent magnitude: 2.6
 Absolute magnitude: 0.42

166. Alheka

ζ Tauri
 Constellation: Taurus
 RA 5h 38' 45.1"
 Decl. 21° 9' 0"
 Section 3
 Apparent magnitude: 2.97
 Absolute magnitude: -2.56

69. Mizar

ζ Ursae Majoris
 Constellation: Ursa Major
 RA 13h 24' 40.1"
 Decl. 54° 49' 4"
 Section 5
 Apparent magnitude: 2.23
 Absolute magnitude: 0.33

3. α Centauri

Constellation: Centaurus
 RA 14h 39' 35.0631"
 Decl. -60° 50' 15.0992"
 Section 6
 Apparent magnitude: -0.29
 Absolute magnitude: 4.06

75. ε Centauri

Constellation: Centaurus
 RA 13h 41' 4.3"
 Decl. -53° 33' 35"
 Section 6
 Apparent magnitude: 2.29
 Absolute magnitude: -3.02

79. η Centauri

Constellation: Centaurus
 RA 14h 36' 41.4"
 Decl. -42° 14' 17"
 Section 6
 Apparent magnitude: 2.33v
 Absolute magnitude: -2.55

95. ζ Centauri

Constellation: Centaurus
 RA 13h 56' 42.2"
 Decl. -47° 22' 43"
 Section 6
 Apparent magnitude: 2.55
 Absolute magnitude: -2.81

99. δ Centauri

Constellation: Centaurus
 RA 12h 9' 19.5"
 Decl. -50° 49' 31"
 Section 5
 Apparent magnitude: 2.58v
 Absolute magnitude: -2.84

107. θ Aurigae

Constellation: Auriga
 RA 6h 0' 59"
 Decl. 37° 12' 4"
 Section 3
 Apparent magnitude: 2.65
 Absolute magnitude: -0.98

113. μ Velorum

Constellation: Vela
 RA 10h 47' 34.2"
 Decl. -49° 31' 6"
 Section 5
 Apparent magnitude: 2.69
 Absolute magnitude: -0.06

114. α Muscae

Constellation: Musca
 RA 12h 38' 18.4"
 Decl. -69° 14' 14"
 Section 5
 Apparent magnitude: 2.69
 Absolute magnitude: -2.17

116. π Puppis

Constellation: Puppis
 RA 7h 17' 47.8"
 Decl. -37° 7' 54"
 Section 3
 Apparent magnitude: 2.71
 Absolute magnitude: -4.92

121. θ Carinae

Constellation: Carina
 RA 10h 43' 37.3"
 Decl. -64° 29' 30"
 Section 5
 Apparent magnitude: 2.74
 Absolute magnitude: -2.91

124. ι Centauri

Constellation: Centaurus
 RA 13h 21' 38.6"
 Decl. -36° 48' 34"
 Section 5
 Apparent magnitude: 2.75
 Absolute magnitude: 1.48

128. δ Crucis

Constellation: Crux
 RA 12h 16' 8.3"
 Decl. -58° 51' 6"
 Section 5
 Apparent magnitude: 2.79
 Absolute magnitude: -2.45

131. γ Lupi

Constellation: Lupus
 RA 15h 36' 22.8"
 Decl. -41° 13' 39"
 Section 6
 Apparent magnitude: 2.8
 Absolute magnitude: -3.4

134. β Hydri

Constellation: Hydrus
RA 0h 26' 41.9"
Decl. $-77^{\circ} 9' 1''$
Section 1
Apparent magnitude: 2.82
Absolute magnitude: 3.45

135. τ Scorpii

Constellation: Scorpius
RA 16h 37' 2.2"
Decl. $-28^{\circ} 15' 1''$
Section 7
Apparent magnitude: 2.82
Absolute magnitude: -2.78

139. β Trianguli Australis

Constellation: Triangulum Australe
RA 15h 56' 47.3"
Decl. $-63^{\circ} 29' 9''$
Section 6
Apparent magnitude: 2.83
Absolute magnitude: 2.38

140. ζ Persei

Constellation: Perseus
RA 3h 55' 18"
Decl. $31^{\circ} 56' 1''$
Section 2
Apparent magnitude: 2.84
Absolute magnitude: -4.55

141. β Aræ

Constellation: Ara
RA 17h 26' 50.5"
Decl. $-55^{\circ} 32' 43''$
Section 7
Apparent magnitude: 2.84
Absolute magnitude: -3.49

146. α Hydri

Constellation: Hydrus
RA 1h 59' 21.1"
Decl. $-61^{\circ} 28' 49''$
Section 2
Apparent magnitude: 2.86
Absolute magnitude: 1.16

147. δ Cygni

Constellation: Cygnus
RA 19h 45' 33.2"
Decl. $45^{\circ} 10' 3''$
Section 8
Apparent magnitude: 2.86
Absolute magnitude: -0.74

149. γ Trianguli Australis

Constellation: Triangulum Australe
RA 15h 18' 54.582"
Decl. $-68^{\circ} 40' 46.3654''$
Section 6
Apparent magnitude: 2.87
Absolute magnitude: -0.87

150. α Tucanæ

Constellation: Tucana
RA 22h 19' 45.2"
Decl. $-60^{\circ} 10' 0''$
Section 8
Apparent magnitude: 2.87
Absolute magnitude: -1.05

154. π Scorpii

Constellation: Scorpius
RA 15h 59' 58.5"
Decl. $-26^{\circ} 9' 5''$
Section 6
Apparent magnitude: 2.89
Absolute magnitude: -2.85

155. ϵ Persei

Constellation: Perseus
RA 3h 59' 6.1"
Decl. $40^{\circ} 3' 4''$
Section 2
Apparent magnitude: 2.9
Absolute magnitude: -3.19

159. γ Persei

Constellation: Perseus
RA 3h 6' 8.9"
Decl. $53^{\circ} 34' 3''$
Section 2
Apparent magnitude: 2.91
Absolute magnitude: -1.57

160. ν Carinæ

Constellation: Carina
RA 9h 47' 33.8"
Decl. $-65^{\circ} 9' 29''$
Section 4
Apparent magnitude: 2.92
Absolute magnitude: -5.56

162. τ Puppis

Constellation: Puppis
RA 6h 50' 23.7"
Decl. $-50^{\circ} 38' 14''$
Section 3
Apparent magnitude: 2.94
Absolute magnitude: -0.8

169. γ Hydræ

Constellation: Hydra
RA 13h 19' 55.9"
Decl. $-23^{\circ} 16' 0''$
Section 5
Apparent magnitude: 2.99
Absolute magnitude: -0.05

170. ι^1 Scorpii

Constellation: Scorpius
RA 17h 48' 52.8"
Decl. $-40^{\circ} 7' 56''$
Section 7
Apparent magnitude: 2.99
Absolute magnitude: -5.71

172. β Trianguli

Constellation: Triangulum
RA 2h 10' 39.1"
Decl. $35^{\circ} 4' 2''$
Section 2
Apparent magnitude: 3
Absolute magnitude: 0.09

173. ψ Ursæ Majoris

Constellation: Ursa Major
RA 11h 10' 41.8"
Decl. $44^{\circ} 23' 5''$
Section 5
Apparent magnitude: 3
Absolute magnitude: -0.27

175. μ^1 Scorpii

Constellation: Scorpius
RA 16h 53' 7.6"
Decl. $-38^{\circ} 4' 39''$
Section 7
Apparent magnitude: 3
Absolute magnitude: -4.01

176. γ Gruis

Constellation: Grus
RA 21h 55' 2.6"
Decl. $-37^{\circ} 16' 37''$
Section 8
Apparent magnitude: 3
Absolute magnitude: -0.97

177. δ Persei

Constellation: Perseus
RA 3h 44' 15"
Decl. $47^{\circ} 50' 4''$
Section 2
Apparent magnitude: 3.01
Absolute magnitude: -3.04

179. σ^2 Canis Majoris

Constellation: Canis Major
RA 7h 3' 1.47211"
Decl. $-23^{\circ} 49' 59.8523''$
Section 3
Apparent magnitude: 3.02
Absolute magnitude: -6.46

182. β Muscæ

Constellation: Musca
RA 12h 47' 26.1"
Decl. $-68^{\circ} 12' 32''$
Section 5
Apparent magnitude: 3.04
Absolute magnitude: -1.86

188. η Sagittarii

Constellation: Sagittarius
RA 18h 18' 52.7"
Decl. $-36^{\circ} 45' 16''$
Section 7
Apparent magnitude: 3.1
Absolute magnitude: -0.2

189. ζ Hydrae

Constellation: Hydra

RA 8h 56' 22.2''

Decl. 5° 52' 2''

Section 4

Apparent magnitude: 3.11

Absolute magnitude: -0.21

190. ν Hydrae

Constellation: Hydra

RA 10h 50' 32.3''

Decl. -16° 17' 27''

Section 5

Apparent magnitude: 3.11

Absolute magnitude: -0.03

191. λ Centauri

Constellation: Centaurus

RA 11h 36' 38.6''

Decl. -63° 7' 20''

Section 5

Apparent magnitude: 3.11

Absolute magnitude: -2.39

195. ζ Arae

Constellation: Ara

RA 17h 0' 9.4''

Decl. -56° 1' 2''

Section 7

Apparent magnitude: 3.12

Absolute magnitude: -3.11

198. α Lyncis

Constellation: Lynx

RA 9h 22' 10.6''

Decl. 34° 18' 4''

Section 4

Apparent magnitude: 3.14

Absolute magnitude: -1.02

199. N Velorum

Constellation: Vela

RA 9h 31' 13.3189''

Decl. -57° 2' 3.7578''

Section 4

Apparent magnitude: 3.16

Absolute magnitude: -1.15

200. π Herculis

Constellation: Hercules

RA 17h 15' 41.5''

Decl. 36° 47' 2''

Section 7

Apparent magnitude: 3.16

Absolute magnitude: -2.1

Stars According to Section (RA)

Section 1

RA 22h 30m–1h 30m

18. Fomalhaut α Piscis Austrini

Constellation: Piscis Austrinus

RA 22h 57' 39.0465"

Decl. $-29^{\circ} 37' 20.05''$

Section 1

Apparent magnitude: 1.15

Absolute magnitude: 1.72

51. Diphda β Ceti

Constellation: Cetus

RA 0h 44' 31"

Decl. $-17^{\circ} 53' 0''$

Section 1

Apparent magnitude: 2.04

Absolute magnitude: -0.3

54. Alpheratz α Andromedae

Constellation: Andromeda

RA 0h 9' 20.9"

Decl. $29^{\circ} 11' 3''$

Section 1

Apparent magnitude: 2.07

Absolute magnitude: -0.3

55. Mirach β Andromedae

Constellation: Andromeda

RA 1h 10' 46.4"

Decl. $35^{\circ} 43' 0''$

Section 1

Apparent magnitude: 2.07

Absolute magnitude: -1.86

58. Al Dhanab β Gruis

Constellation: Grus

RA 22h 43' 45.8"

Decl. $-46^{\circ} 47' 14''$

Section 1

Apparent magnitude: 2.07v

Absolute magnitude: 1.52

63. Cih γ Cassiopeiae

Constellation: Cassiopeia

RA 0h 57' 50.4"

Decl. $60^{\circ} 48' 5''$

Section 1

Apparent magnitude: 2.15v

Absolute magnitude: -4.22

71. Schedar α Cassiopeiae

Constellation: Cassiopeia

RA 0h 41' 34.1"

Decl. $56^{\circ} 38' 1''$

Section 1

Apparent magnitude: 2.24

Absolute magnitude: -1.99

74. Caph β Cassiopeiae

Constellation: Cassiopeia

RA 0h 10' 10.6"

Decl. $59^{\circ} 15' 0''$

Section 1

Apparent magnitude: 2.28

Absolute magnitude: 1.17

84. Ankaa α Phoenicis

Constellation: Phoenix

RA 0h 27' 11.7"

Decl. $-42^{\circ} 12' 20''$

Section 1

Apparent magnitude: 2.4

Absolute magnitude: 0.52

87. Scheat β Pegasi

Constellation: Pegasus

RA 23h 4' 40.4"

Decl. $28^{\circ} 11' 0''$

Section 1

Apparent magnitude: 2.44v

Absolute magnitude: -1.49

92. Markab α Pegasi

Constellation: Pegasus

RA 23h 5' 41"

Decl. $15^{\circ} 18' 1''$

Section 1

Apparent magnitude: 2.49

Absolute magnitude: -0.67

109. Ruchbah δ Cassiopeiae

Constellation: Cassiopeia

RA 1h 27' 2.5"

Decl. $60^{\circ} 19' 5''$

Section 1

Apparent magnitude: 2.66

Absolute magnitude: 0.24

134. β Hydri

Constellation: Hydrus

RA 0h 26' 41.9"

Decl. $-77^{\circ} 9' 1''$

Section 1

Apparent magnitude: 2.82

Absolute magnitude: 3.45

137. Algenib γ Pegasi

Constellation: Pegasus

RA 0h 14' 11.4"

Decl. $15^{\circ} 17' 1''$

Section 1

Apparent magnitude: 2.83

Absolute magnitude: -2.22

161. Matar η Pegasi

Constellation: Pegasus

RA 22h 43' 52.3"

Decl. $30^{\circ} 19' 0''$

Section 1

Apparent magnitude: 2.93

Absolute magnitude: -1.16

Section 2

RA 1h 30m–4h 30m

9. Achernar α Eridani

Constellation: Eridanus

RA 1h 38' 24"

Decl. $-57^{\circ} 8' 36''$

Section 2

Apparent magnitude: 0.45

Absolute magnitude: -2.77

33. Mirfak α Persei

Constellation: Perseus

RA 3h 25' 39.2"

Decl. $49^{\circ} 55' 3''$

Section 2

Apparent magnitude: 1.8

Absolute magnitude: -4.49

50. Hamal α Arietis

Constellation: Aries

RA 2h 8' 13.2"

Decl. $23^{\circ} 32' 5''$

Section 2

Apparent magnitude: 2.01

Absolute magnitude: 0.48

60. Algol β Persei

Constellation: Perseus

RA 3h 9' 22.8"

Decl. $41^{\circ} 1' 3''$

Section 2

Apparent magnitude: 2.09

Absolute magnitude: 0.18

61. Almach

γ Andromedae
 Constellation: Andromeda
 RA 2h 3' 53.9523"
 Decl. 42° 19' 47.0223"
 Section 2
 Apparent magnitude: 2.1
 Absolute magnitude: -3.08

93. Menkar

α Ceti
 Constellation: Cetus
 RA 3h 3' 14.9"
 Decl. 4° 9' 4"
 Section 2
 Apparent magnitude: 2.54
 Absolute magnitude: -1.61

104. Sheratan

β Arietis
 Constellation: Aries
 RA 1h 55' 40"
 Decl. 20° 53' 5"
 Section 2
 Apparent magnitude: 2.64
 Absolute magnitude: 1.33

140. ζ Persei

Constellation: Perseus
 RA 3h 55' 18"
 Decl. 31° 56' 1"
 Section 2
 Apparent magnitude: 2.84
 Absolute magnitude: -4.55

143. Alcyone

η Tauri
 Constellation: Taurus
 RA 3h 48' 35.3"
 Decl. 24° 9' 4"
 Section 2
 Apparent magnitude: 2.85
 Absolute magnitude: -2.41

146. α Hydri

Constellation: Hydrus
 RA 1h 59' 21.1"
 Decl. -61° 28' 49"
 Section 2
 Apparent magnitude: 2.86
 Absolute magnitude: 1.16

151. Acamar

θ^1 Eridani
 Constellation: Eridanus
 RA 2h 58' 15.6792"
 Decl. -40° 18' 16.8457"
 Section 2
 Apparent magnitude: 2.88
 Absolute magnitude: -0.59

155. ϵ Persei

Constellation: Perseus
 RA 3h 59' 6.1"
 Decl. 40° 3' 4"
 Section 2
 Apparent magnitude: 2.9
 Absolute magnitude: -3.19

159. γ Persei

Constellation: Perseus
 RA 3h 6' 8.9"
 Decl. 53° 34' 3"
 Section 2
 Apparent magnitude: 2.91
 Absolute magnitude: -1.57

165. Zaurak

γ Eridani
 Constellation: Eridanus
 RA 3h 58' 53.6"
 Decl. -13° 27' 2"
 Section 2
 Apparent magnitude: 2.97
 Absolute magnitude: -1.19

172. β Trianguli

Constellation: Triangulum
 RA 2h 10' 39.1"
 Decl. 35° 4' 2"
 Section 2
 Apparent magnitude: 3
 Absolute magnitude: 0.09

177. δ Persei

Constellation: Perseus
 RA 3h 44' 15"
 Decl. 47° 50' 4"
 Section 2
 Apparent magnitude: 3.01
 Absolute magnitude: -3.04

Section 3**RA 4h 30m–7h 30m****1. Sirius**

α Canis Majoris
 Constellation: Canis Major
 RA 6h 45' 57.4"
 Decl. -16° 44' 3"
 Section 3
 Apparent magnitude: -1.46
 Absolute magnitude: 1.43

2. Canopus

α Carinae
 Constellation: Carina
 RA 6h 24' 21.8"
 Decl. -52° 42' 23"
 Section 3
 Apparent magnitude: -0.73
 Absolute magnitude: -5.64

6. Capella

α Aurigae
 Constellation: Auriga
 RA 5h 18' 3.5"
 Decl. 46° 0' 5"
 Section 3
 Apparent magnitude: 0.07
 Absolute magnitude: -0.49

7. Rigel

β Orionis
 Constellation: Orion
 RA 5h 15' 25.7"
 Decl. -8° 10' 5"
 Section 3
 Apparent magnitude: 0.15v
 Absolute magnitude: -6.72v

10. Betelgeuse

α Orionis
 Constellation: Orion
 RA 5h 56' 10.4"
 Decl. 7° 24' 3"
 Section 3
 Apparent magnitude: 0.55v
 Absolute magnitude: -5.04v

14. Aldebaran

α Tauri
 Constellation: Taurus
 RA 4h 36' 59.1"
 Decl. 16° 32' 4"
 Section 3
 Apparent magnitude: 0.86v
 Absolute magnitude: -0.64v

22. Adhara

ϵ Canis Majoris
 Constellation: Canis Major
 RA 6h 59' 21.2"
 Decl. -28° 59' 5"
 Section 3
 Apparent magnitude: 1.5
 Absolute magnitude: -4.1

26. Bellatrix

γ Orionis
 Constellation: Orion
 RA 5h 26' 7.5"
 Decl. 6° 21' 5"
 Section 3
 Apparent magnitude: 1.64
 Absolute magnitude: -2.72

27. Elnath

β Tauri
 Constellation: Taurus
 RA 5h 27' 27.8"
 Decl. 28° 37' 1"
 Section 3
 Apparent magnitude: 1.66
 Absolute magnitude: -1.36

29. Alnilam

ϵ Orionis
 Constellation: Orion
 RA 5h 37' 9.2"
 Decl. $-1^{\circ} 11' 2''$
 Section 3
 Apparent magnitude: 1.69
 Absolute magnitude: -6.38

31. Alnitak

ζ Orionis
 Constellation: Orion
 RA 5h 41' 41.6"
 Decl. $-1^{\circ} 56' 0''$
 Section 3
 Apparent magnitude: 1.75
 Absolute magnitude: -5.25

36. Wezen

δ Canis Majoris
 Constellation: Canis Major
 RA 7h 9' 8.6"
 Decl. $-26^{\circ} 25' 2''$
 Section 3
 Apparent magnitude: 1.83
 Absolute magnitude: -6.87

41. Menkalinan

β Aurigae
 Constellation: Auriga
 RA 6h 0' 53.2"
 Decl. $44^{\circ} 56' 5''$
 Section 3
 Apparent magnitude: 1.9
 Absolute magnitude: -0.1

43. Alhena

γ Geminorum
 Constellation: Gemini
 RA 6h 38' 46.8"
 Decl. $16^{\circ} 22' 5''$
 Section 3
 Apparent magnitude: 1.93
 Absolute magnitude: -0.6

46. Mirzam

β Canis Majoris
 Constellation: Canis Major
 RA 6h 23' 30.9"
 Decl. $-17^{\circ} 57' 5''$
 Section 3
 Apparent magnitude: 1.98
 Absolute magnitude: -3.95

56. Saiph

κ Orionis
 Constellation: Orion
 RA 5h 48' 38.1"
 Decl. $-9^{\circ} 39' 5''$
 Section 3
 Apparent magnitude: 2.07
 Absolute magnitude: -4.65

73. Mintaka

δ Orionis
 Constellation: Orion
 RA 5h 32' 57.2"
 Decl. $0^{\circ} 17' 1''$
 Section 3
 Apparent magnitude: 2.25
 Absolute magnitude: -4.99

88. Aludra

η Canis Majoris
 Constellation: Canis Major
 RA 7h 24' 49.6"
 Decl. $-29^{\circ} 20' 2''$
 Section 3
 Apparent magnitude: 2.45
 Absolute magnitude: -7.51

98. Arneb

α Leporis
 Constellation: Lepus
 RA 5h 33' 32.8"
 Decl. $-17^{\circ} 48' 3''$
 Section 3
 Apparent magnitude: 2.58
 Absolute magnitude: -5.4

106. Phact

α Columbae
 Constellation: Columba
 RA 5h 40' 19.2"
 Decl. $-34^{\circ} 3' 55''$
 Section 3
 Apparent magnitude: 2.65
 Absolute magnitude: -1.93

107. θ Aurigæ

Constellation: Auriga
 RA 6h 0' 59"
 Decl. $37^{\circ} 12' 4''$
 Section 3
 Apparent magnitude: 2.65
 Absolute magnitude: -0.98

112. Hassaleh

ι Aurigae
 Constellation: Auriga
 RA 4h 58' 12.1"
 Decl. $33^{\circ} 11' 3''$
 Section 3
 Apparent magnitude: 2.69
 Absolute magnitude: -3.29

116. π Puppis

Constellation: Puppis
 RA 7h 17' 47.8"
 Decl. $-37^{\circ} 7' 54''$
 Section 3
 Apparent magnitude: 2.71
 Absolute magnitude: -4.92

123. Hatysa

ι Orionis
 Constellation: Orion
 RA 5h 36' 20.3"
 Decl. $-5^{\circ} 53' 5''$
 Section 3
 Apparent magnitude: 2.75
 Absolute magnitude: -5.3

126. Kursa

β Eridani
 Constellation: Eridanus
 RA 5h 8' 45.6"
 Decl. $-5^{\circ} 3' 5''$
 Section 3
 Apparent magnitude: 2.78
 Absolute magnitude: 0.6

132. Nihal

β Leporis
 Constellation: Lepus
 RA 5h 29' 2.3"
 Decl. $-20^{\circ} 44' 4''$
 Section 3
 Apparent magnitude: 2.81
 Absolute magnitude: -0.63

148. Tejat

μ Geminorum
 Constellation: Gemini
 RA 6h 24' 4.8"
 Decl. $22^{\circ} 30' 0''$
 Section 3
 Apparent magnitude: 2.87v
 Absolute magnitude: -1.39v

153. Gomeisa

β Canis Minoris
 Constellation: Canis Minor
 RA 7h 28' 9.2"
 Decl. $8^{\circ} 15' 0''$
 Section 3
 Apparent magnitude: 2.89
 Absolute magnitude: -0.7

162. τ Puppis

Constellation: Puppis
 RA 6h 50' 23.7"
 Decl. $-50^{\circ} 38' 14''$
 Section 3
 Apparent magnitude: 2.94
 Absolute magnitude: -0.8

166. Alheka

ζ Tauri
 Constellation: Taurus
 RA 5h 38' 45.1"
 Decl. $21^{\circ} 9' 0''$
 Section 3
 Apparent magnitude: 2.97
 Absolute magnitude: -2.56

178. Phurad

ζ Canis Majoris
 Constellation: Canis Major
 RA 6h 21' 1.4"
 Decl. −30° 4' 2"
 Section 3
 Apparent magnitude: 3.02
 Absolute magnitude: −2.05

179. o² Canis Majoris

Constellation: Canis Major
 RA 7h 3' 1.47211"
 Decl. −23° 49' 59.8523"
 Section 3
 Apparent magnitude: 3.02
 Absolute magnitude: −6.46

181. Almaaz

ε Aurigae
 Constellation: Auriga
 RA 5h 3' 18"
 Decl. 43° 50' 5"
 Section 3
 Apparent magnitude: 3.03
 Absolute magnitude: −5.95

185. Mebsuta

ε Geminorum
 Constellation: Gemini
 RA 6h 45' 4.2"
 Decl. 25° 6' 4"
 Section 3
 Apparent magnitude: 3.06
 Absolute magnitude: −4.15

193. Wazn

β Columbae
 Constellation: Columba
 RA 5h 51' 36.8"
 Decl. −35° 45' 44"
 Section 3
 Apparent magnitude: 3.12
 Absolute magnitude: 1.02

Section 4**RA 7h 30m–10h 30m****8. Procyon**

α Canis Minoris
 Constellation: Canis Minor
 RA 7h 40' 16.3"
 Decl. 5° 10' 3"
 Section 4
 Apparent magnitude: 0.36
 Absolute magnitude: 2.64

17. Pollux

β Geminorum
 Constellation: Gemini
 RA 7h 46' 26.7"
 Decl. 27° 58' 4"
 Section 4
 Apparent magnitude: 1.14
 Absolute magnitude: 1.07

21. Regulus

α Leonis
 Constellation: Leo
 RA 10h 9' 21.3"
 Decl. 11° 52' 3"
 Section 4
 Apparent magnitude: 1.36
 Absolute magnitude: −0.52

23. Castor

α Geminorum
 Constellation: Gemini
 RA 7h 34' 35.863"
 Decl. 31° 53' 17.79"
 Section 4
 Apparent magnitude: 1.58
 Absolute magnitude: 0.59

28. Miaplacidus

β Carinae
 Constellation: Carina
 RA 9h 13' 23.7"
 Decl. −69° 47' 37"
 Section 4
 Apparent magnitude: 1.67
 Absolute magnitude: −0.99

35. Regor

γ Velorum
 Constellation: Vela
 RA 8h 9' 31.9501"
 Decl. −47° 20' 11.7108"
 Section 4
 Apparent magnitude: 1.81
 Absolute magnitude: −5.25

40. Avior

ε Carinae
 Constellation: Carina
 RA 8h 22' 53.5"
 Decl. −59° 34' 10"
 Section 4
 Apparent magnitude: 1.87
 Absolute magnitude: −4.57

45. Koo She

δ Velorum
 Constellation: Vela
 RA 8h 45' 12.9"
 Decl. −54° 46' 38"
 Section 4
 Apparent magnitude: 1.95
 Absolute magnitude: 0.01

47. Alphard

α Hydrae
 Constellation: Hydra
 RA 9h 28' 29.8"
 Decl. −8° 44' 2"
 Section 4
 Apparent magnitude: 1.98
 Absolute magnitude: −1.7

49. Algieba

γ Leonis
 Constellation: Leo
 RA 10h 19' 58.3506"
 Decl. 19° 50' 29.3468"
 Section 4
 Apparent magnitude: 2
 Absolute magnitude: −0.93

65. Naos

ζ Puppis
 Constellation: Puppis
 RA 8h 4' 14.1"
 Decl. −40° 3' 22"
 Section 4
 Apparent magnitude: 2.21
 Absolute magnitude: −5.95

66. Aspidiske

ι Carinae
 Constellation: Carina
 RA 9h 17' 35.1"
 Decl. −59° 21' 12"
 Section 4
 Apparent magnitude: 2.21v
 Absolute magnitude: −4.42

68. Suhail

λ Velorum
 Constellation: Vela
 RA 9h 8' 40.7"
 Decl. −43° 30' 29"
 Section 4
 Apparent magnitude: 2.23
 Absolute magnitude: −3.99

90. Markeb

κ Velorum
 Constellation: Vela
 RA 9h 22' 41.2"
 Decl. −55° 5' 25"
 Section 4
 Apparent magnitude: 2.47
 Absolute magnitude: −3.62

138. Turais

ρ Puppis
 Constellation: Puppis
 RA 8h 8' 19.9"
 Decl. −24° 21' 3"
 Section 4
 Apparent magnitude: 2.83
 Absolute magnitude: 1.41

160. ν Carinae

Constellation: Carina
RA 9h 47' 33.8"
Decl. $-65^{\circ} 9' 29''$
Section 4
Apparent magnitude: 2.92
Absolute magnitude: -5.56

167. Ras Elased Australis

ϵ Leonis
Constellation: Leo
RA 9h 46' 53.9"
Decl. $23^{\circ} 41' 1''$
Section 4
Apparent magnitude: 2.97
Absolute magnitude: -1.46

186. Tania Australis

μ Ursae Majoris
Constellation: Ursa Major
RA 10h 23' 25.5"
Decl. $41^{\circ} 24' 2''$
Section 4
Apparent magnitude: 3.06
Absolute magnitude: -1.35

189. ζ Hydræ

Constellation: Hydra
RA 8h 56' 22.2"
Decl. $5^{\circ} 52' 2''$
Section 4
Apparent magnitude: 3.11
Absolute magnitude: -0.21

194. Talita

ι Ursae Majoris
Constellation: Ursa Major
RA 9h 0' 28"
Decl. $47^{\circ} 58' 0''$
Section 4
Apparent magnitude: 3.12
Absolute magnitude: 2.29

198. α Lyncis

Constellation: Lynx
RA 9h 22' 10.6"
Decl. $34^{\circ} 18' 4''$
Section 4
Apparent magnitude: 3.14
Absolute magnitude: -1.02

199. N Velorum

Constellation: Vela
RA 9h 31' 13.3189"
Decl. $-57^{\circ} 2' 3.7578''$
Section 4
Apparent magnitude: 3.16
Absolute magnitude: -1.15

Section 5

RA 10h 30m–13h 30m

16. Spica

α Virginis
Constellation: Virgo
RA 13h 26' 10.2"
Decl. $-11^{\circ} 15' 2''$
Section 5
Apparent magnitude: 0.97
Absolute magnitude: -3.56

20. Mimosa

β Crucis
Constellation: Crux
RA 12h 48' 48.9"
Decl. $-59^{\circ} 47' 22''$
Section 5
Apparent magnitude: 1.26
Absolute magnitude: -3.91

25. Gacrux

γ Crucis
Constellation: Crux
RA 12h 32' 12.2"
Decl. $-57^{\circ} 13' 0''$
Section 5
Apparent magnitude: 1.63
Absolute magnitude: -0.52

32. Alioth

ϵ Ursae Majoris
Constellation: Ursa Major
RA 12h 54' 50.3"
Decl. $55^{\circ} 51' 3''$
Section 5
Apparent magnitude: 1.77
Absolute magnitude: -0.2

34. Dubhe

α Ursae Majoris
Constellation: Ursa Major
RA 11h 4' 51.2"
Decl. $61^{\circ} 39' 0''$
Section 5
Apparent magnitude: 1.8
Absolute magnitude: -1.09

62. Denebola

β Leonis
Constellation: Leo
RA 11h 50' 0.1"
Decl. $14^{\circ} 28' 0''$
Section 5
Apparent magnitude: 2.14
Absolute magnitude: 1.92

64. Muhlifain

γ Centauri
Constellation: Centaurus
RA 12h 42' 32.8"
Decl. $-49^{\circ} 3' 40''$
Section 5
Apparent magnitude: 2.2
Absolute magnitude: -0.81

69. Mizar

ζ Ursae Majoris
Constellation: Ursa Major
RA 13h 24' 40.1"
Decl. $54^{\circ} 49' 4''$
Section 5
Apparent magnitude: 2.23
Absolute magnitude: 0.33

80. Merak

β Ursae Majoris
Constellation: Ursa Major
RA 11h 2' 56.8"
Decl. $56^{\circ} 16' 5''$
Section 5
Apparent magnitude: 2.34
Absolute magnitude: 0.41

85. Phecda

γ Ursae Majoris
Constellation: Ursa Major
RA 11h 54' 47.8"
Decl. $53^{\circ} 35' 3''$
Section 5
Apparent magnitude: 2.41
Absolute magnitude: 0.36

96. Zosma

δ Leonis
Constellation: Leo
RA 11h 15' 5.4"
Decl. $20^{\circ} 25' 1''$
Section 5
Apparent magnitude: 2.56
Absolute magnitude: 1.32

99. δ Centauri

Constellation: Centaurus
RA 12h 9' 19.5"
Decl. $-50^{\circ} 49' 31''$
Section 5
Apparent magnitude: 2.58v
Absolute magnitude: -2.84

100. Gienah Ghurab

γ Corvi
Constellation: Corvus
RA 12h 16' 45.6"
Decl. $-17^{\circ} 38' 4''$
Section 5
Apparent magnitude: 2.58
Absolute magnitude: -0.94

108. Kraz

β Corvi
Constellation: Corvus
RA 12h 35' 21.7"
Decl. $-23^{\circ} 29' 5''$
Section 5
Apparent magnitude: 2.65
Absolute magnitude: -0.51

113. μ Velorum

Constellation: Vela
RA 10h 47' 34.2"
Decl. $-49^{\circ} 31' 6''$
Section 5
Apparent magnitude: 2.69
Absolute magnitude: -0.06

114. α Muscae

Constellation: Musca
RA 12h 38' 18.4"
Decl. $-69^{\circ} 14' 14''$
Section 5
Apparent magnitude: 2.69
Absolute magnitude: -2.17

121. θ Carinae

Constellation: Carina
RA 10h 43' 37.3"
Decl. $-64^{\circ} 29' 30''$
Section 5
Apparent magnitude: 2.74
Absolute magnitude: -2.91

122. Porrima

γ Virginis
Constellation: Virgo
RA 12h 41' 39.6434"
Decl. $-1^{\circ} 26' 57.7421''$
Section 5
Apparent magnitude: 2.74
Absolute magnitude: 2.38

124. ι Centauri

Constellation: Centaurus
RA 13h 21' 38.6"
Decl. $-36^{\circ} 48' 34''$
Section 5
Apparent magnitude: 2.75
Absolute magnitude: 1.48

128. δ Crucis

Constellation: Crux
RA 12h 16' 8.3"
Decl. $-58^{\circ} 51' 6''$
Section 5
Apparent magnitude: 2.79
Absolute magnitude: -2.45

130. Cor Caroli 2

α^2 Canum Venaticorum
Constellation: Canes Venatici
RA 12h 56' 1.66622"
Decl. $38^{\circ} 19' 6.1541''$
Section 5
Apparent magnitude: 2.98v
Absolute magnitude: 0.16

144. Vindemiatrix

ϵ Virginis
Constellation: Virgo
RA 13h 3' 5.9"
Decl. $10^{\circ} 51' 3''$
Section 5
Apparent magnitude: 2.85
Absolute magnitude: 0.37

163. Algorel

δ Corvi
Constellation: Corvus
RA 12h 30' 49.4"
Decl. $-16^{\circ} 37' 0''$
Section 5
Apparent magnitude: 2.94
Absolute magnitude: 0.79

169. γ Hydrae

Constellation: Hydra
RA 13h 19' 55.9"
Decl. $-23^{\circ} 16' 0''$
Section 5
Apparent magnitude: 2.99
Absolute magnitude: -0.05

173. ψ Ursae Majoris

Constellation: Ursa Major
RA 11h 10' 41.8"
Decl. $44^{\circ} 23' 5''$
Section 5
Apparent magnitude: 3
Absolute magnitude: -0.27

180. Minkar

ϵ Corvi
Constellation: Corvus
RA 12h 11' 4.7"
Decl. $-22^{\circ} 43' 2''$
Section 5
Apparent magnitude: 3.02
Absolute magnitude: -1.82

182. β Muscae

Constellation: Musca
RA 12h 47' 26.1"
Decl. $-68^{\circ} 12' 32''$
Section 5
Apparent magnitude: 3.04
Absolute magnitude: -1.86

190. ν Hydrae

Constellation: Hydra
RA 10h 50' 32.3"
Decl. $-16^{\circ} 17' 27''$
Section 5
Apparent magnitude: 3.11
Absolute magnitude: -0.03

191. λ Centauri

Constellation: Centaurus
RA 11h 36' 38.6"
Decl. $-63^{\circ} 7' 20''$
Section 5
Apparent magnitude: 3.11
Absolute magnitude: -2.39

Section 6**RA 13h 30m–16h 30m****3. α Centauri**

Constellation: Centaurus
RA 14h 39' 35.0631"
Decl. $-60^{\circ} 50' 15.0992''$
Section 6
Apparent magnitude: -0.29
Absolute magnitude: 4.06

4. Arcturus

α Boötis
Constellation: Boötes
RA 14h 16' 30.3"
Decl. $19^{\circ} 5' 1''$
Section 6
Apparent magnitude: -0.05
Absolute magnitude: -0.31

11. Hadar

β Centauri
Constellation: Centaurus
RA 14h 5' 8.7"
Decl. $-60^{\circ} 27' 41''$
Section 6
Apparent magnitude: 0.61
Absolute magnitude: -5.42

38. Alkaid

η Ursae Majoris
Constellation: Ursa Major
RA 13h 48' 16.1"
Decl. $49^{\circ} 13' 1''$
Section 6
Apparent magnitude: 1.86
Absolute magnitude: -0.59

53. Menkent

θ Centauri
Constellation: Centaurus
RA 14h 7' 46.7"
Decl. $-36^{\circ} 27' 3''$
Section 6
Apparent magnitude: 2.06
Absolute magnitude: 0.7

57. Kochab

β Ursae Minoris
Constellation: Ursa Minor
RA 14h 50' 40.2"
Decl. $74^{\circ} 4' 4''$
Section 6
Apparent magnitude: 2.07
Absolute magnitude: -0.87

67. Alphecca

α Coronae Borealis
 Constellation: Corona Borealis
 RA 15h 35' 28.3"
 Decl. 26° 39' 1"
 Section 6
 Apparent magnitude: 2.22
 Absolute magnitude: 0.42

75. ϵ Centauri

Constellation: Centaurus
 RA 13h 41' 4.3"
 Decl. -53° 33' 35"
 Section 6
 Apparent magnitude: 2.29
 Absolute magnitude: -3.02

76. Dschubba

δ Scorpii
 Constellation: Scorpius
 RA 16h 1' 25.8"
 Decl. -22° 40' 2"
 Section 6
 Apparent magnitude: 2.29
 Absolute magnitude: -3.16

78. Men

α Lupi
 Constellation: Lupus
 RA 14h 43' 10.1"
 Decl. -47° 27' 59"
 Section 6
 Apparent magnitude: 2.3
 Absolute magnitude: -3.83

79. η Centauri

Constellation: Centaurus
 RA 14h 36' 41.4"
 Decl. -42° 14' 17"
 Section 6
 Apparent magnitude: 2.33v
 Absolute magnitude: -2.55

81. Izar

ϵ Boötis
 Constellation: Boötes
 RA 14h 45' 47.7"
 Decl. 26° 59' 4"
 Section 6
 Apparent magnitude: 2.35
 Absolute magnitude: -1.69

95. ζ Centauri

Constellation: Centaurus
 RA 13h 56' 42.2"
 Decl. -47° 22' 43"
 Section 6
 Apparent magnitude: 2.55
 Absolute magnitude: -2.81

102. Zubeneshamali

β Librae
 Constellation: Libra
 RA 15h 18' 0.3"
 Decl. -9° 27' 0"
 Section 6
 Apparent magnitude: 2.61
 Absolute magnitude: -0.84

103. Unukalhai

α Serpentis
 Constellation: Serpens
 RA 15h 45' 10.8"
 Decl. 6° 22' 0"
 Section 6
 Apparent magnitude: 2.63
 Absolute magnitude: 0.87

105. Zubenelgenubi

α^2 Librae
 Constellation: Libra
 RA 14h 50' 52.7131"
 Decl. -16° 2' 30.3955"
 Section 6
 Apparent magnitude: 2.64
 Absolute magnitude: 0.77

110. Muphrid

η Boötis
 Constellation: Boötes
 RA 13h 55' 33.9"
 Decl. 18° 18' 2"
 Section 6
 Apparent magnitude: 2.68
 Absolute magnitude: 2.41

111. Ke Kouan

β Lupi
 Constellation: Lupus
 RA 14h 59' 45.1"
 Decl. -43° 12' 26"
 Section 6
 Apparent magnitude: 2.68
 Absolute magnitude: -3.35

119. Yed Prior

δ Ophiuchi
 Constellation: Ophiuchus
 RA 16h 15' 19"
 Decl. -3° 44' 2"
 Section 6
 Apparent magnitude: 2.73
 Absolute magnitude: -0.86

120. Aldhibain

η Draconis
 Constellation: Draco
 RA 16h 24' 14.7"
 Decl. 61° 28' 2"
 Section 6
 Apparent magnitude: 2.73
 Absolute magnitude: 0.58

131. γ Lupi

Constellation: Lupus
 RA 15h 36' 22.8"
 Decl. -41° 13' 39"
 Section 6
 Apparent magnitude: 2.8
 Absolute magnitude: -3.4

139. β Trianguli Australis

Constellation: Triangulum Australe
 RA 15h 56' 47.3"
 Decl. -63° 29' 9"
 Section 6
 Apparent magnitude: 2.83
 Absolute magnitude: 2.38

149. γ Trianguli Australis

Constellation: Triangulum Australe
 RA 15h 18' 54.582"
 Decl. -68° 40' 46.3654"
 Section 6
 Apparent magnitude: 2.87
 Absolute magnitude: -0.87

154. π Scorpii

Constellation: Scorpius
 RA 15h 59' 58.5"
 Decl. -26° 9' 5"
 Section 6
 Apparent magnitude: 2.89
 Absolute magnitude: -2.85

156. Alniyat

σ Scorpii
 Constellation: Scorpius
 RA 16h 22' 19"
 Decl. -25° 38' 0"
 Section 6
 Apparent magnitude: 2.9v
 Absolute magnitude: -3.86v

174. Pherkad Major

γ Ursae Minoris
 Constellation: Ursa Minor
 RA 15h 20' 42.8"
 Decl. 71° 46' 0"
 Section 6
 Apparent magnitude: 3
 Absolute magnitude: -2.84

183. Seginus

γ Boötis
 Constellation: Boötes
 RA 14h 32' 49.3"
 Decl. 38° 13' 4"
 Section 6
 Apparent magnitude: 3.04
 Absolute magnitude: 0.96

197. Ke Kwan

κ Centauri
 Constellation: Centaurus
 RA 15h 0' 22.3"
 Decl. $-42^{\circ} 10' 38''$
 Section 6
 Apparent magnitude: 3.13
 Absolute magnitude: -2.96

Section 7**RA 16h 30m–19h 30m****5. Vega**

α Lyrae
 Constellation: Lyra
 RA 18h 37' 33.9"
 Decl. $38^{\circ} 48' 0''$
 Section 7
 Apparent magnitude: 0.03
 Absolute magnitude: 0.58

15. Antares

α Scorpii
 Constellation: Scorpius
 RA 16h 30' 32.7"
 Decl. $-26^{\circ} 28' 1''$
 Section 7
 Apparent magnitude: 0.95v
 Absolute magnitude: -5.39v

24. Shaula

λ Scorpii
 Constellation: Scorpius
 RA 17h 34' 52"
 Decl. $-37^{\circ} 6' 5''$
 Section 7
 Apparent magnitude: 1.62
 Absolute magnitude: -5.05

37. Kaus Australis

ϵ Sagittarii
 Constellation: Sagittarius
 RA 18h 25' 24"
 Decl. $-34^{\circ} 22' 2''$
 Section 7
 Apparent magnitude: 1.84
 Absolute magnitude: -1.39

39. Sargas

θ Scorpii
 Constellation: Scorpius
 RA 17h 38' 39"
 Decl. $-43^{\circ} 0' 28''$
 Section 7
 Apparent magnitude: 1.86
 Absolute magnitude: -2.75

42. Atria

α Trianguli Australis
 Constellation: Triangulum Australe
 RA 16h 48' 39.8951"
 Decl. $-69^{\circ} 1' 39.7626''$
 Section 7
 Apparent magnitude: 1.92
 Absolute magnitude: -3.61

52. Nunki

σ Sagittarii
 Constellation: Sagittarius
 RA 18h 56' 24.7"
 Decl. $-26^{\circ} 16' 2''$
 Section 7
 Apparent magnitude: 2.05
 Absolute magnitude: -2.14

59. Rasalhague

α Ophiuchi
 Constellation: Ophiuchus
 RA 17h 35' 47.6"
 Decl. $12^{\circ} 32' 5''$
 Section 7
 Apparent magnitude: 2.08
 Absolute magnitude: 1.3

72. Eltanin

γ Draconis
 Constellation: Draco
 RA 17h 57' 2.2"
 Decl. $51^{\circ} 29' 1''$
 Section 7
 Apparent magnitude: 2.24
 Absolute magnitude: -1.04

77. Wei

ϵ Scorpii
 Constellation: Scorpius
 RA 16h 51' 21.9"
 Decl. $-34^{\circ} 19' 3''$
 Section 7
 Apparent magnitude: 2.29
 Absolute magnitude: 0.78

83. Girtab

κ Scorpii
 Constellation: Scorpius
 RA 17h 43' 46.1"
 Decl. $-39^{\circ} 2' 16''$
 Section 7
 Apparent magnitude: 2.39
 Absolute magnitude: -3.38

86. Sabik

η Ophiuchi
 Constellation: Ophiuchus
 RA 17h 11' 26.4"
 Decl. $-15^{\circ} 44' 4''$
 Section 7
 Apparent magnitude: 2.43
 Absolute magnitude: 0.37

94. Han

ζ Ophiuchi
 Constellation: Ophiuchus
 RA 16h 38' 10.8"
 Decl. $-10^{\circ} 36' 1''$
 Section 7
 Apparent magnitude: 2.54
 Absolute magnitude: -3.2

101. Ascella

ζ Sagittarii
 Constellation: Sagittarius
 RA 19h 3' 47.2"
 Decl. $-29^{\circ} 51' 0''$
 Section 7
 Apparent magnitude: 2.6
 Absolute magnitude: 0.42

115. Lesath

ν Scorpii
 Constellation: Scorpius
 RA 17h 32' 1.4"
 Decl. $-37^{\circ} 18' 3''$
 Section 7
 Apparent magnitude: 2.7
 Absolute magnitude: -3.31

117. Kaus Meridionalis

δ Sagittarii
 Constellation: Sagittarius
 RA 18h 22' 10.7"
 Decl. $-29^{\circ} 49' 0''$
 Section 7
 Apparent magnitude: 2.72
 Absolute magnitude: -2.14

125. Cebalrai

β Ophiuchi
 Constellation: Ophiuchus
 RA 17h 44' 23.2"
 Decl. $4^{\circ} 33' 3''$
 Section 7
 Apparent magnitude: 2.76
 Absolute magnitude: 0.76

127. Kornephoros

β Herculis
 Constellation: Hercules
 RA 16h 31' 1"
 Decl. $21^{\circ} 27' 0''$
 Section 7
 Apparent magnitude: 2.78
 Absolute magnitude: -0.5

129. Rastaban

β Draconis
 Constellation: Draco
 RA 17h 30' 51.1"
 Decl. $52^{\circ} 17' 1''$
 Section 7
 Apparent magnitude: 2.79
 Absolute magnitude: -2.43

133. Rutilicus

ζ Herculis
 Constellation: Hercules
 RA 16h 41' 59.1"
 Decl. 31° 34' 1"
 Section 7
 Apparent magnitude: 2.81
 Absolute magnitude: 2.64

135. τ Scorpii

Constellation: Scorpion
 RA 16h 37' 2.2"
 Decl. -28° 15' 1"
 Section 7
 Apparent magnitude: 2.82
 Absolute magnitude: -2.78

136. Kaus Borealis

λ Sagittarii
 Constellation: Sagittarius
 RA 18h 29' 6.7"
 Decl. -25° 24' 3"
 Section 7
 Apparent magnitude: 2.82
 Absolute magnitude: 0.95

141. β Aræ

Constellation: Ara
 RA 17h 26' 50.5"
 Decl. -55° 32' 43"
 Section 7
 Apparent magnitude: 2.84
 Absolute magnitude: -3.49

142. Choo

α Arae
 Constellation: Ara
 RA 17h 33' 16.4"
 Decl. -49° 53' 20"
 Section 7
 Apparent magnitude: 2.84
 Absolute magnitude: -1.51

152. Albaldah

π Sagittarii
 Constellation: Sagittarius
 RA 19h 10' 51.8"
 Decl. -20° 59' 3"
 Section 7
 Apparent magnitude: 2.88
 Absolute magnitude: -2.77

168. Alnasl

γ Sagittarii
 Constellation: Sagittarius
 RA 18h 6' 59.8"
 Decl. -30° 25' 2"
 Section 7
 Apparent magnitude: 2.98
 Absolute magnitude: 0.63

170. ι¹ Scorpii

Constellation: Scorpion
 RA 17h 48' 52.8"
 Decl. -40° 7' 56"
 Section 7
 Apparent magnitude: 2.99
 Absolute magnitude: -5.71

171. Deneb el Okab

ζ Aquilae
 Constellation: Aquila
 RA 19h 6' 15.6"
 Decl. 13° 53' 3"
 Section 7
 Apparent magnitude: 2.99
 Absolute magnitude: 0.96

175. μ¹ Scorpii

Constellation: Scorpion
 RA 16h 53' 7.6"
 Decl. -38° 4' 39"
 Section 7
 Apparent magnitude: 3
 Absolute magnitude: -4.01

187. Tais

δ Draconis
 Constellation: Draco
 RA 19h 12' 33.3"
 Decl. 67° 41' 3"
 Section 7
 Apparent magnitude: 3.07
 Absolute magnitude: 0.63

188. η Sagittarii

Constellation: Sagittarius
 RA 18h 18' 52.7"
 Decl. -36° 45' 16"
 Section 7
 Apparent magnitude: 3.1
 Absolute magnitude: -0.2

195. ζ Aræ

Constellation: Ara
 RA 17h 0' 9.4"
 Decl. -56° 1' 2"
 Section 7
 Apparent magnitude: 3.12
 Absolute magnitude: -3.11

196. Sarin

δ Herculis
 Constellation: Hercules
 RA 17h 15' 47.5"
 Decl. 24° 49' 0"
 Section 7
 Apparent magnitude: 3.12
 Absolute magnitude: 1.21

200. π Herculis

Constellation: Hercules
 RA 17h 15' 41.5"
 Decl. 36° 47' 2"
 Section 7
 Apparent magnitude: 3.16
 Absolute magnitude: -2.1

Section 8**RA 19h 30m–22h 30m****12. Altair**

α Aquilae
 Constellation: Aquila
 RA 19h 51' 41.1"
 Decl. 8° 55' 0"
 Section 8
 Apparent magnitude: 0.77
 Absolute magnitude: 2.21

19. Deneb

α Cygni
 Constellation: Cygnus
 RA 20h 42' 3.8"
 Decl. 45° 20' 5"
 Section 8
 Apparent magnitude: 1.24
 Absolute magnitude: -8.74

30. Alnair

α Gruis
 Constellation: Grus
 RA 22h 9' 23.4"
 Decl. -46° 52' 14"
 Section 8
 Apparent magnitude: 1.74
 Absolute magnitude: -0.72

44. Peacock

α Pavonis
 Constellation: Pavo
 RA 20h 27' 6"
 Decl. -56° 40' 27"
 Section 8
 Apparent magnitude: 1.93
 Absolute magnitude: -1.82

70. Sadr

γ Cygni
 Constellation: Cygnus
 RA 20h 22' 53.6"
 Decl. 40° 19' 0"
 Section 8
 Apparent magnitude: 2.23
 Absolute magnitude: -6.12

82. Enif

ϵ Pegasi
 Constellation: Pegasus
 RA 21h 45' 5.7"
 Decl. 9° 57' 3"
 Section 8
 Apparent magnitude: 2.38
 Absolute magnitude: -4.19

89. Alderamin

α Cephei
 Constellation: Cepheus
 RA 21h 19' 1.2"
 Decl. 62° 39' 5"
 Section 8
 Apparent magnitude: 2.45
 Absolute magnitude: 1.58

91. Gienah

ϵ Cygni
 Constellation: Cygnus
 RA 20h 46' 57.6"
 Decl. 34° 2' 2"
 Section 8
 Apparent magnitude: 2.48
 Absolute magnitude: 0.76

118. Tarazed

γ Aquilae
 Constellation: Aquila
 RA 19h 47' 8.3"
 Decl. 10° 39' 3"
 Section 8
 Apparent magnitude: 2.72
 Absolute magnitude: -3.03

145. Deneb Algedi

δ Capricorni
 Constellation: Capricornus
 RA 21h 48' 3.6"
 Decl. -16° 2' 3"
 Section 8
 Apparent magnitude: 2.85
 Absolute magnitude: 2.49

147. δ Cygni

Constellation: Cygnus
 RA 19h 45' 33.2"
 Decl. 45° 10' 3"
 Section 8
 Apparent magnitude: 2.86
 Absolute magnitude: -0.74

150. α Tucanæ

Constellation: Tucana
 RA 22h 19' 45.2"
 Decl. -60° 10' 0"
 Section 8
 Apparent magnitude: 2.87
 Absolute magnitude: -1.05

157. Albireo

β Cygni
 Constellation: Cygnus
 RA 19h 31' 28.1"
 Decl. 27° 59' 5"
 Section 8
 Apparent magnitude: 2.9
 Absolute magnitude: -2.31

158. Sadalsuud

β Aquarii
 Constellation: Aquarius
 RA 21h 32' 31.9"
 Decl. -5° 29' 2"
 Section 8
 Apparent magnitude: 2.9
 Absolute magnitude: -3.47

164. Sadalmelik

α Aquarii
 Constellation: Aquarius
 RA 22h 6' 44"
 Decl. 0° 13' 4"
 Section 8
 Apparent magnitude: 2.95
 Absolute magnitude: -3.88

176. γ Gruis

Constellation: Grus
 RA 21h 55' 2.6"
 Decl. -37° 16' 37"
 Section 8
 Apparent magnitude: 3
 Absolute magnitude: -0.97

184. Dabih

β Capricorni
 Constellation: Capricornus
 RA 20h 22' 2.9"
 Decl. -14° 43' 1"
 Section 8
 Apparent magnitude: 3.05
 Absolute magnitude: -2.07

192. Persian

α Indi
 Constellation: Indus
 RA 20h 38' 51.6"
 Decl. -47° 13' 32"
 Section 8
 Apparent magnitude: 3.11
 Absolute magnitude: 0.65

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