**The brightest stars visible from Greece**

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Star | | | | α (2000) | | δ (2000) | m(V) | M(V) | B‒V | Spectral |
| h | m | ° ′ | mag | mag |  | Type |
| Alpheratz |  | α | And | 00 | 08 | +29 05 | 2.03 | ‒0.9 | ‒0.10 | A0 p |
| Caph |  | β | Cas | 00 | 09 | +59 09 | 2.26 | +1.5 | +0.34 | F2 IV |
| Schedar |  | α | Cas | 00 | 40 | +21 26 | 2.22 | ‒1.0 | +1.17 | K0 II |
| Diphda |  | β | Cet | 00 | 44 | ‒17 59 | 2.04 | +0.2 | +1.04 | K0 III |
| Mirach |  | β | And | 01 | 10 | +35 37 | 2.06 | ‒0.4 | +1.62 | M0 III |
| Achernar |  | α | Eri | 01 | 38 | ‒57 15 | 0.48 | ‒1.6 | ‒0.18 | B5 IV |
| Almach |  | γ | And | 02 | 04 | +42 20 | 2.13 | ‒0.1 | +1.20 | K2 III |
| Hamal |  | α | Ari | 02 | 07 | +23 28 | 2.00 | +0.2 | +1.15 | K2 III |
| Mira |  | ο | Cet | 02 | 19 | ‒02 59 | 2.0 | ‒1.0 | +1.42 | M6 e |
| Polaris |  | α | UMi | 02 | 32 | +89 16 | 2.02 | ‒4.6 | + 0.6 | F8 Ib |
| Algol |  | β | Per | 03 | 08 | +40 57 | 2.2 | ‒0.3 | ‒0.1 | B8 V |
| Mirfak |  | α | Per | 03 | 24 | +49 51 | 1.80 | ‒4.3 | +0.48 | F5 Ib |
| Aldebaran |  | α | Tau | 04 | 36 | +16 30 | 0.85 | ‒0.3 | +1.54 | K5 III |
| Rigel |  | β | Ori | 05 | 15 | ‒08 12 | 0.11 | ‒7.0 | ‒0.03 | B8 Ια |
| Capella |  | α | Aur | 05 | 17 | +46 00 | 0.08 | +0.3 | +0.80 | G8 III |
| Bellalrix |  | γ | Ori | 05 | 25 | +06 21 | 1.63 | ‒3.3 | ‒0.22 | B2 III |
| EINath |  | β | Tau | 05 | 26 | +28 36 | 1.65 | ‒1.6 | ‒0.13 | B7 III |
| Mintaka |  | δ | Ori | 05 | 32 | ‒00 18 | 2.19 | ‒6.1 | ‒0.21 | O9.5II |
| Alnilam |  | ε | Ori | 05 | 36 | ‒01 12 | 1.70 | ‒6.2 | ‒0.19 | B0 Ια |
| Alnitak |  | ζ | Ori | 05 | 41 | ‒01 57 | 1.79 | ‒5.9 | ‒0.21 | O9.5 Ib |
| Saiph |  | κ | Ori | 05 | 48 | ‒09 40 | 2.05 | ‒6.8 | ‒0.18 | B0.5 Ια |
| Betelgeuse |  | α | Ori | 05 | 55 | +07 24 | 0.50 | ‒5.6 | +1.86 | M2 Ιab |
| Menkalinan |  | β | Aur | 06 | 00 | +44 57 | 1.90 | +0.6 | +0.03 | A2 IV |
| Mirzam |  | β | CMa | 06 | 23 | ‒17 57 | 1.98 | ‒4.5 | ‒0.24 | Bl II |
| Canopus |  | α | Car | 06 | 24 | ‒52 42 | ‒0.73 | ‒4.7 | +0.16 | F0 Ib |
| Alhena |  | γ | Gem | 06 | 38 | +16 24 | 1.93 | +0.0 | +0.00 | A0 IV |
| Sirius |  | α | CMa | 06 | 45 | ‒16 43 | ‒1.45 | +1.4 | +0.00 | Al V |
| Adhara |  | ε | CMa | 06 | 59 | ‒28 58 | 1.50 | ‒5.0 | ‒0.22 | B2 II |
| Wezen |  | δ | CMa | 07 | 08 | ‒26 24 | 1.84 | ‒7.3 | +0.67 | F8 Ιa |
| Castor |  | α | Gem | 07 | 35 | +31 53 | 1.58 | +0.8 | +0.04 | Al V |
| Procyon |  | α | CMi | 07 | 39 | +05 14 | 0.35 | +2.7 | +0.41 | F5 IV |
| Pollux |  | β | Gem | 07 | 45 | +28 01 | 1.15 | +1.0 | +1.00 | K0 III |
| Naos |  | ζ | Pup | 08 | 04 | ‒40 00 | 2.25 | ‒7.0 | ‒0.27 | Ο5.8 |
| ― |  | γ | Vel | 08 | 10 | ‒47 20 | 1.83 | ‒4.0 | ‒0.26 | WC 7 |
| Avior |  | ε | Car | 08 | 23 | ‒59 30 | 1.87 | ‒2.1 | +1.30 | K0 II |
| ― |  | δ | Vel | 08 | 45 | ‒54 43 | 1.95 | +0.1 | +0.0 | A0 V4 |
| Suhail |  | λ | Vel | 09 | 08 | ‒43 26 | 2.26 | ‒4.5 | +1.69 | K5 Ib |
| Miaplacidus |  | β | Car | 09 | 13 | ‒69 43 | 1.68 | ‒0.4 | +0.00 | A0 III |

**The brightest stars visible from Greece (cont.)**

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Star | | | α (2000) | | δ (2000) | m (V) | Μ (V) | B‒V | Spectral |
| h | m | ° ′ | mag | mag |  | Type |
| Scutulum | ι | Car | 09 | 17 | ‒59 16 | 2.24 | ‒4.5 | +0.18 | F0 Ib |
| Alphard | α | Hya | 09 | 28 | ‒08 40 | 1.99 | ‒0.4 | +1.43 | K3 III |
| Regulus | α | Leo | 10 | 08 | +11 58 | 1.35 | ‒0.6 | ‒0.11 | B7 V |
| Algeiba | γ | Leo | 10 | 20 | +19 51 | 2.1 | ‒0.5 | +1.12 | K0 III |
| Dubhe | α | UMa | 11 | 03 | +61 45 | 1.79 | ‒0.7 | +1.06 | K0 III |
| Denebola | β | Leo | 11 | 49 | +14 34 | 2.14 | +1.6 | +0.09 | A3 V |
| Acrux | α | Cru | 12 | 27 | ‒63 06 | 0.9 | ‒3.5 | ‒0.26 | Bl IV |
| Gacrux | γ | Cru | 12 | 31 | ‒57 07 | 1.64 | ‒2.5 | +1.60 | M3 III |
| Muhlifain | γ | Cen | 12 | 42 | ‒48 58 | 2.16 | ‒0.5 | ‒0.02 | A0 III |
| Mimosa | β | Cru | 12 | 48 | ‒59 41 | 1.26 | ‒4.7 | ‒0.24 | B0 III |
| Alioth | ε | UMa | 12 | 54 | +55 57 | 1.78 | ‒0.2 | ‒0.02 | A0 p |
| Mizar | ζ | UMa | 13 | 24 | +54 56 | 2.09 | +0.0 | +0.03 | A2 V |
| Spica | α | Vir | 13 | 25 | ‒11 09 | 0.96 | ‒3.4 | ‒0.23 | Bl V |
| ― | ε | Cen | 13 | 40 | ‒53 28 | 2.30 | ‒3.6 | ‒0.23 | Bl V |
| Alkaid | η | UMa | 13 | 48 | +49 19 | 1.86 | ‒1.9 | ‒0.19 | B3 V |
| Hadar | β | Cen | 14 | 04 | ‒60 22 | 0.60 | ‒5.0 | ‒0.23 | Bl II |
| Menkent | θ | Cen | 14 | 07 | ‒36 22 | 2.06 | +1.0 | +1.02 | K0 III |
| Arcturus | α | Boo | 14 | 16 | +19 11 | ‒0.06 | ‒0.2 | +1.23 | K2 IIIp |
| Rigil Kent | α | Cen | 14 | 40 | ‒60 50 | ‒0.1 | +4.3 | +0.7 | G2 V |
| Kochab | β | UMi | 14 | 50 | +74 09 | 2.07 | ‒0.5 | +1.46 | K4 III |
| Alphecca | α | CrB | 15 | 35 | +26 43 | 2.23 | +0.5 | ‒0.02 | A0 V |
| Antares | α | Sco | 16 | 29 | ‒26 26 | 1.0 | ‒4.7 | +1.81 | Ml Ib |
| Atria | α | TrA | 16 | 49 | ‒69 02 | 1.93 | ‒0.3 | +1.43 | K4 III |
| ― | ε | Sco | 16 | 5O | ‒34 18 | 2.29 | +0.7 | +1.15 | Κ2 ΙΙΙ |
| Shaula | λ | Sco | 17 | 34 | ‒37 06 | 1.62 | ‒3.4 | ‒0.22 | Bl IV |
| Ras‒Alhague | α | Oph | 17 | 35 | +12 34 | 2.07 | +0.8 | +0.15 | A5 III |
| ― | θ | Sco | 17 | 37 | ‒43 00 | 1.87 | ‒4.5 | +0.40 | FO Ι |
| Eltanin | γ | Dra | 17 | 57 | +51 29 | 2.22 | ‒0.6 | +1.52 | K5 III |
| Kaus Australis | ε | Sgr | 18 | 24 | ‒34 23 | 1.83 | ‒1.5 | ‒0.02 | B9 IV |
| Vega | α | Lyr | 18 | 37 | +38 47 | 0.04 | +0.5 | +0.00 | AO V |
| Nunki | σ | Sgr | 18 | 55 | ‒26 18 | 2.08 | ‒2.5 | ‒0.20 | B2 V |
| Altair | α | Aql | 19 | 51 | +08 52 | 0.77 | +2.3 | +0.22 | A7 IV |
| Sadir | γ | Cyg | 20 | 22 | +40 15 | 2.23 | ‒4.7 | +0.67 | F8 Ib |
| Peacock | α | Pav | 20 | 26 | ‒56 44 | 1.93 | ‒2.9 | ‒0.20 | B3 IV |
| Deneb | α | Cyg | 20 | 41 | +45 17 | 1.25 | ‒7.3 | +0.09 | A2 Ia |
| Al Na' ir | α | Gru | 22 | 08 | ‒46 58 | 1.74 | +0.2 | ‒0.14 | B5 V |
| ― | β | Gru | 22 | 42 | ‒46 53 | 2.20 | –1.5 | + 1.6 | M3 II |
| Fomalhaut | α | PsA | 22 | 58 | ‒29 37 | 1.16 | +1.9 | +0.09 | A3 V |

**The brightest stars of the sky with m(V) ≤ 1.00**

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Star | | | | α (2000) | | δ (2000) | m(V) | M(V) | B‒V | Spectral |
| h | m | ° ′ | mag | mag |  | type |
| Sirius |  | α | CMa | 06 | 45 | ‒16 43 | ‒1.45 | +1.4 | +0.00 | Al V |
| Canopus |  | α | Car | 06 | 24 | ‒52 42 | ‒0.73 | ‒4.7 | +0.16 | F0 Ib |
| Rigil Kent |  | α | Cen | 14 | 40 | ‒60 50 | ‒0.10 | +4.3 | +0.7 | G2 V |
| Arcturus |  | α | Boo | 14 | 16 | +19 11 | ‒0.06 | ‒0.2 | +1.23 | K2 IIIp |
| Vega |  | α | Lyr | 18 | 37 | +38 47 | 0.04 | +0.5 | +0.00 | AO V |
| Capella |  | α | Aur | 05 | 17 | +46 00 | 0.08 | +0.3 | +0.80 | G8 III |
| Rigel |  | β | Ori | 05 | 15 | ‒08 12 | 0.11 | ‒7.0 | ‒0.03 | B8 Ια |
| Procyon |  | α | CMi | 07 | 39 | +05 14 | 0.35 | +2.7 | +0.41 | F5 IV |
| Achernar |  | α | Eri | 01 | 38 | ‒57 15 | 0.48 | ‒1.6 | ‒0.18 | B5 IV |
| Betelgeuse |  | α | Ori | 05 | 55 | +07 24 | 0.50 | ‒5.6 | +1.86 | M2 Ιab |
| Hadar |  | β | Cen | 14 | 04 | ‒60 22 | 0.60 | ‒5.0 | ‒0.23 | Bl II |
| Altair |  | α | Aql | 19 | 51 | +08 52 | 0.77 | +2.3 | +0.22 | A7 IV |
| Aldebaran |  | α | Tau | 04 | 36 | +16 30 | 0.85 | ‒0.3 | +1.54 | K5 III |
| Acrux |  | α | Cru | 12 | 27 | ‒63 06 | 0.90 | ‒3.5 | ‒0.26 | Bl IV |
| Spica |  | α | Vir | 13 | 25 | ‒11 09 | 0.96 | ‒3.4 | ‒0.23 | Bl V |
| Antares |  | α | Sco | 16 | 29 | ‒26 26 | 1.00 | ‒4.7 | + 1.81 | Ml Ib |