



Star Table

| h Star Name | Spectrum | Coords | H Star Name | Spectrum | Coords |
|-------------------|-----------|------------|--------------------|----------|------------|
| 36 Ophiuchi A | K1 Ve | +19,-1,+2 | * Hip 103039 | M | +13,+9,-10 |
| 40 Eridani A | K1V | -12,-5,-10 | Hip 114110 | M | +4,+6,-13 |
| 61 Cygni A | K5V | +2,+11,-1 | Hip 15689 | M | -8,-3,-11 |
| 70 Ophiuchi B | K5 Ve | +14,+8,+3 | * Hip 33226 | k | -17,-1,+5 |
| 82 Eridani | G8V | -4,-10,-16 | Hip 82725 | M | +13,-8,-3 |
| AC+12°1800-213 | M5 | -18,-5,-3 | Hip 85605 | M | +9,+11,+8 |
| AC+58°25001 A | M | -15,+10,+2 | Innes' Star | m | +5,-14,-1 |
| AC+79°3888 | M4 | -8,+11,+11 | Kapteyn's Star | M0V | -4,-10,-8 |
| AC-24°2833-183 | M3.5Ve | +9,+3,+2 | Lacaille 9352 | M2/M3V | +4,+0,-10 |
| Alpha Centauri A | G2V | +3,-3,+0 | Lalande 21185 | M2V | -4,+0,+8 |
| Altair | A7IV-V | +11,+13,-3 | Lalande 21258 | M6.5 | -2,-11,+10 |
| BD+01°4774 | M2V | -1,+12,-16 | * Lalande 25372 | M3V | +5,-1,+17 |
| BD+04°4048 A | M3.5V | +15,+13,-1 | Luyten 1159-016 | dM8 e | -8,+5,-10 |
| BD+20°2465 | M4.5Ve | -8,-6,+13 | * Luyten 205-128 | M5 | +17,-8,-5 |
| BD+50°1725 | K8V | -9,+3,+12 | Luyten 347-14 | M4.5 | +17,-2,-8 |
| BD+68°946 | M3.5Vvar | -2,+12,+8 | * Luyten 354-89 | M1V | +11,-2,-12 |
| * BD-03°1123 | M1V | -16,-8,-6 | Luyten 674-015 | M4 | -9,-17,+2 |
| * BD-11°3759 | M4 | +13,-5,+14 | Luyten 722-22 | M | +0,+4,-17 |
| * BD-12°4523 | M4 | +13,+2,+6 | * Luyten's Star | M5 | -10,-7,+2 |
| BD-15°6290 | M5 | +5,-7,-13 | NN 3323 | m | -16,-8,-9 |
| BD-20°4125 | K4V | +15,-6,+10 | NN 3379 | M4 | -16,-7,-3 |
| * BD-21°1377 | M1/M2V | -12,-13,-6 | NN 3522 | k | -9,-8,+8 |
| Barnard's Star | sdM4 | +5,+4,+1 | Procyon A | F5IV-V | -9,-6,+3 |
| CC 658 | DC | +7,-13,-1 | * Ross 128 | M4.5V | +0,-6,+9 |
| CD-37°15492 | M2V | +3,-1,-14 | Ross 248 | dM6 e | -3,+10,-3 |
| * CD-39°14192 | M1/M2V | +9,+2,-9 | * SOL | G2V | +0,+0,+0 |
| * CD-40°9712 | M0 | +17,-9,+4 | Sigma Draconis | K0V | -3,+18,+7 |
| * CD-44°1909 | M5 | +16,-4,-2 | Sirius A | A0m... | -6,-6,-1 |
| * CP-46°8664 | K5 | +14,-4,-2 | Struve 2398 | K5 | +0,+11,+5 |
| DO Cephei | M6 V | -3,+14,+0 | Tau Ceti | G8V | -3,-1,-11 |
| DX Cancri | M6.5 | -9,-3,+6 | UV Ceti B | dM5.5e | -2,+0,-8 |
| * Delta Pavonis | G5IV-Vvar | +15,-8,-11 | V1054 Ophiuchi B | M | +17,+4,+7 |
| EV Lacertae | M4.5Ve | -3,+17,-4 | V1581 Cygni A | M5.5 V e | +3,+16,+2 |
| EZ Aquarii | M5 e | +4,+5,-9 | V577 Monocerotis B | M | -11,-7,-1 |
| Epsilon Eridani | K2V | -7,-2,-8 | Van Maanen's Star | DG | -4,-7,-12 |
| Epsilon Indi | K5V | +7,-3,-9 | WX Ursae Majoris | M6 e | -7,-2,+14 |
| Eta Cassiopeiae A | G0V SB | -10,+16,-2 | Wolf 294 | dM4 | -18,-1,+5 |
| GJ 1002 | M5-5.5 | +0,+6,-14 | Wolf 359 | M6 | -2,-4,+7 |
| GJ 1116 B | m | -12,-6,+10 | Wolf 424 B | M7 | +1,-4,+13 |
| GJ 402 | M4 | -5,-9,+15 | YZ Canis Minoris | M4.5Ve | -15,-11,+5 |
| GI 563.2 | M | +11,-6,+7 | | | |
| GI 563.2B | M | +11,-5,+7 | | | |
| GI 725 B | K5 | +0,+10,+5 | | | |
| HR 7703 A | K2V | +17,+3,-10 | | | |

True Distance Table

| Vertical Distance | Horizontal Distance | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------|---------------------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 |
| 0 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 |
| 1 | 1 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 |
| 2 | 2 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | |
| 3 | 3 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | | |
| 4 | 4 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | | | |
| 5 | 5 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | | | | |
| 6 | 6 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | | | | | |
| 7 | 7 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | | | | | | |
| 8 | 8 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | | | | | | | |
| 9 | 9 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | | | | | | | | |
| 10 | 10 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | | | | | | | | | |
| 11 | 11 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | | | | | | | | | | |
| 12 | 12 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | | | | | | | | | | | |
| 13 | 13 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | | | | | | | | | | | | |
| 14 | 14 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | | | | | | | | | | | | | |
| 15 | 15 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | | | | | | | | | | | | | | |
| 16 | 16 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | | | | | | | | | | | | | | | |
| 17 | 17 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | | | | | | | | | | | | | | | | |
| 18 | 18 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | | | | | | | | | | | | | | | | | |
| 19 | 19 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | | | | | | | | | | | | | | | | | | |
| 20 | 20 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | | | | | | | | | | | | | | | | | | | |
| 21 | 21 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | | | | | | | | | | | | | | | | | | | | |
| 22 | 22 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | | | | | | | | | | | | | | | | | | | | | |
| 23 | 23 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | | | | | | | | | | | | | | | | | | | | | | |
| 24 | 24 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | | | | | | | | | | | | | | | | | | | | | | | |
| 25 | 25 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | | | | | | | | | | | | | | | | | | | | | | | | |
| 26 | 26 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 27 | 27 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 28 | 28 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 29 | 29 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 30 | 30 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 31 | 31 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 32 | 32 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 33 | 33 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 34 | 34 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 35 | 35 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 36 | 36 | 36 | 37 | 38 | 39 | 40 | 41 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 37 | 37 | 37 | 38 | 39 | 40 | 41 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 38 | 38 | 38 | 39 | 40 | 41 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 39 | 39 | 39 | 40 | 41 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 40 | 40 | 40 | 41 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 41 | 41 | 41 | 41 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |