

## 21 First Magnitude Stars

Star Magnitudes (or visibility) lessens as the number increases. For example, a first magnitude star is one hundred times brighter than a sixth magnitude star and a sixth magnitude star is barely visible to the naked eye.

Venus can reach as high as -4.6 magnitude the very brightest planet or star in our night sky. The Full Moon is -12 magnitude and the Sun is a -27 magnitude.

Sirius is the brightest fixed star in our sky and is visually rated as a -1.42 magnitude. Here are the brightest magnitude stars we can listed in brightness order starting with the brightest.

| Star Name      | Constellation    | Magnitude |
|----------------|------------------|-----------|
| Sirius         | Canis Major      | -1.42     |
| Canopus        | Carina           | -0.72     |
| Alpha Centauri | Centaurus        | 0.27      |
| Arcturus       | Boötes           | -0.06     |
| Vega           | Lyra             | 0.04      |
| Capella        | Auriga           | 0.06      |
| Rigel          | Orion            | 0.14      |
| Procyon        | Canis Minor      | 0.35      |
| Achernar       | Eridanus         | 0.53      |
| Hadar          | Centaurus        | 0.66      |
| Betelgeuse     | Orion            | 0.70      |
| Altair         | Aquila           | 0.77      |
| Aldebaran      | The Bull         | 0.86      |
| Acrux          | Crux             | 0.87      |
| Antares        | The Scorpion     | 0.92      |
| Spica          | The Priestess    | 1.00      |
| Pollux         | The Twins        | 1.16      |
| Fomalhaut      | Piscis Austrinus | 1.17      |
| Deneb          | Cygnus           | 1.26      |
| Beta Crucis    | Crux             | 1.28      |