



# Flagstaff Dark Skies Coalition

*To Celebrate, Promote and Protect Dark Skies*

## Dark Sky Moment – May 2019

**A red giant star in the night sky shows us what our Sun will be like one day.**

Arcturus is the brightest star in the northern sky. It's shining high in the East on May evenings and arcing just south of the Zenith near midnight. Find Arcturus by extending the curving arc of the Big Dipper's handle two times the length of the handle to this sparkling orange star, brightest of the constellation Bootes [bow OH teez], the herdsman. This red giant star – 25 times as large and 170 times as luminous as the sun – shows what is in store for our Sun in about two billion years, when the hydrogen fuel at the Sun's center runs out.

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