



## September 2024 Highlight

### The Autumnal Equinox – Sept. 22<sup>nd</sup>

- ★ On **Sunday, Sept. 22<sup>nd</sup>**, at 8:44 a.m. EDT, the Sun begins its journey south of the celestial equator, bringing autumn to the northern hemisphere and spring to the southern hemisphere.
- ★ This event is called the “**autumnal (fall) equinox**” in the northern hemisphere.
- ★ On this day, all places on Earth experience nearly equal amounts of daylight and darkness – about 12 hours of each. “**Equinox**” literally means “**equal night**”.
- ★ For all places on Earth at the equinox, the Sun rises due east and sets due west.



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Montage of Summer Solstice, Equinox and Winter Solstice sunrises from a small Greek town showing the seasonal motion of the Sun.



**Note: only on the Equinoxes does the Sun rise due East and set due West!**