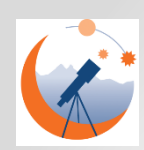


September 2019 Highlight

The Autumnal Equinox – September 23rd

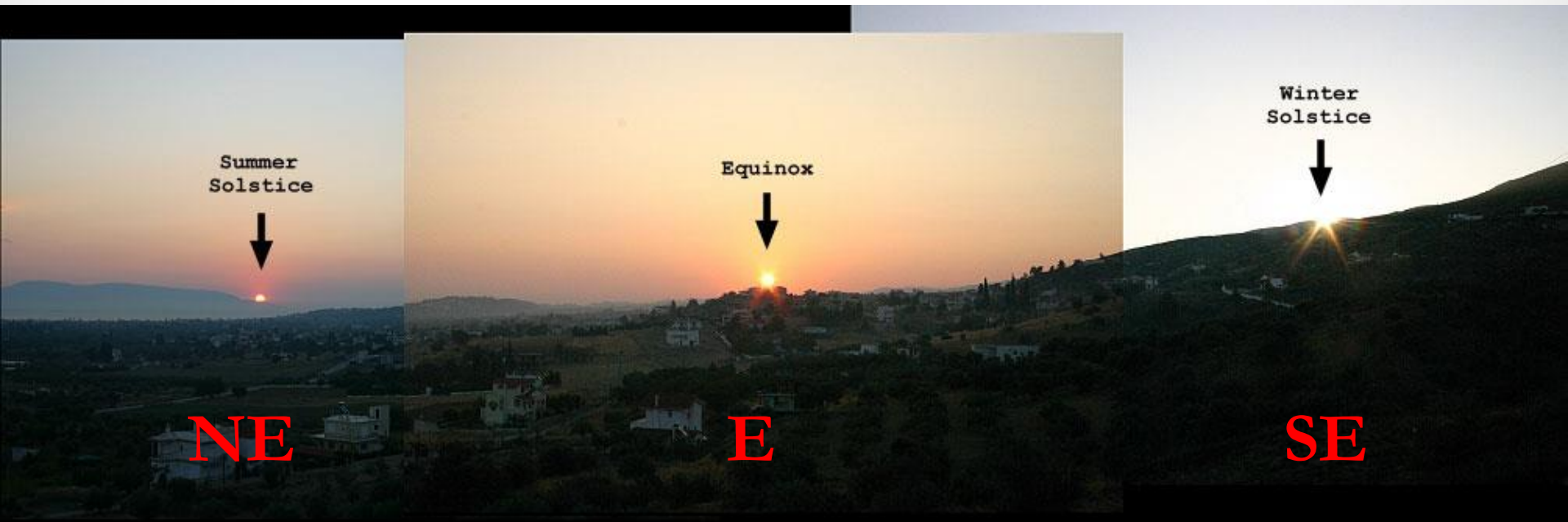
- ★ On **Monday, September 23rd**, at 3:50 a.m. EDT, the Sun begins its journey south of the celestial equator, bringing autumn to the northern hemisphere and spring to the southern hemisphere.
- ★ This event is called the “**autumnal (fall) equinox**” in the northern hemisphere.
- ★ On this day all places on Earth experience nearly equal amounts of daylight and darkness – about 12 hours each. “**Equinox**” literally means “**equal night**.”
- ★ For all places on Earth at the equinox, the Sun rises due east and sets due west.



September 2019 Highlight

The Autumnal Equinox – September 23rd

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!