

Astronomy Club of Asheville September 2025 Highlight The Autumnal Equinox – Sept. 22nd Page 1 of 2

- * On Sunday, Sept. 22nd, at 2:20 p.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.

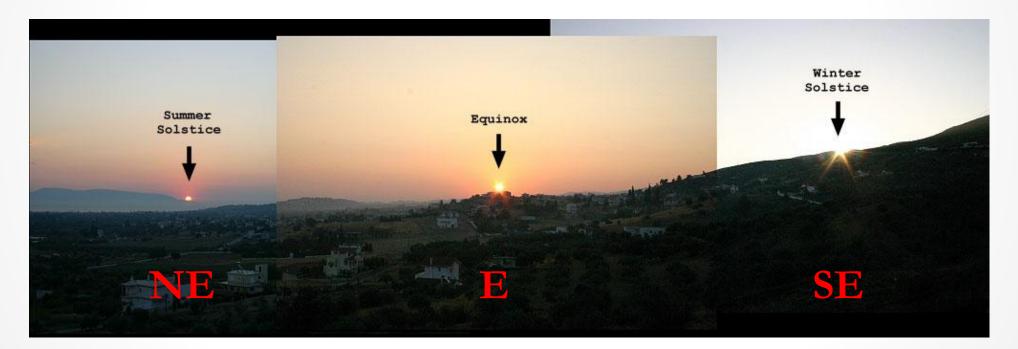


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Montage of Summer Solstice, Equinox and Winter Solstice sunrises from a small Greek town showing the seasonal motion of the Sun.



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