SUMMER SOLSTICE/ECLIPSE COMPREHENSIVE MAPPING OF THE ECLIPSES FROM 2008-2026

The purpose of this study is to depict the Annular solar eclipse as it occurs on the Summer Solstice of June 21, 2020. The study will also track where on Earth, topographically the path will cross as that can have a particular significance, either esoteric and perhaps Biblical. The study will also depict the timeline of the lunar and solar types of eclipses from 2008 to 2026. By definition, a solar eclipse occurs when the Moon passes between Earth and the Sun, thereby totally or partly obscuring the image of the Sun for a viewer on Earth. An Annular solar eclipse occurs when the Moon's apparent diameter is smaller than the Sun's, blocking most of the Sun's light and causing the Sun to look like an annulus (ring). An annular eclipse is often referred to as the 'Wedding Ring' alluding to a marriage. What is peculiar is that this Annular Solar Eclipse occurs on the Summer Solstice. This is very rare. The last solar eclipse that occurred on the Summer Solstice in the near past was in 2001. The next solar eclipses to occur on a Summer Solstice after 2020 will be in June 21, 2039. This pattern has an approximate 19-year cycle. For example, to grasp how rare a solar eclipse occurs on a Solstice or Equinox, a time from 2001 to 2100 will have only a Fall Equinox solar eclipse in September 21 of 2025.

