

“Zero Shadow Day”

The Earth revolves round the Sun once every 365 days, and its axis tilts by approximately 23 and a half degrees. Because of this we experience seasons and different durations of day and night. During winter, the nights gradually become longer than the days. The longest night or winter solstice usually occurs around December 21. After this day, begins the Uttarayan or northward movement of the Sun. when the sun's rays falls vertically on the Tropic of Capricorn and people living in that latitude will see their shadow disappear below their feet. During summer, days become longer than nights. The longest day or summer solstice occurs around June 21. After this point, the Sun moves southward and on this day the sun's rays falls vertically on the Tropic of Cancer. People on Tropic of Cancer will see their shadow disappear exactly at noon.