

# Solar Noon Longitude Challenge

Solar noon is an excellent claim-lab topic because it is predictable, repeatable, and independent of space imagery. Longitudes do not all face the Sun at the same time.

<https://wiki.flatearthabsurdity.com/tools/solar-noon-longitude-lab/>

## The Challenge

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Choose two cities with very different longitudes. Before checking an almanac, predict the approximate solar-noon offset using 15 degrees per hour. Then compare with USNO or another almanac source.

## Why This Beats Clock Arguments

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Time zones are political. Solar noon is physical. A government can redraw a time-zone boundary, but it cannot make the Sun reach its highest point in New York and London at the same moment.

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