## Einstein's Genaral Relativity and Your Age

Einstein's theory of general relativity means you age very slightly slower or faster at places with stronger or weaker gravitational fields due to your distance from a massive object nearby. Here's how your age would change* if you spent 30 years at the following locations instead of at sea level on Earth:


## Jupiter

Your age minus 18.4 seconds

The Moon
Your age plus 629 milliseconds
(thousandths of a second)


## Mount Everest

(8,848 meters or २९,००० feet above sea level)
Your age plus 0.91 milliseconds
(thousandths of a second)

Boulder, EO
(mile high)
Your age plus 0.17 millisecond


## Sea Level

(The lowest elevation on the Earth's surface on dry land, equivalent to the banks of the Potomac River in Washington, DC)

## Your age

## Dead Sea

(4२2 meters or 1,385 feet below sealevel)
Your age minus 44 microseconds
(millionths of a second)


