

<https://werkgroepmeteoren.nl/nederlandse-meteorieten>:

Known meteorite impacts in The Netherlands with a found object:

1. Uden (1840);
2. Utrecht (1843);
3. Diepenveen (1873);
4. Ellemeet (1925);
5. Glanerbrug (1990);
6. Broek in Waterland (2017).

Mean interval: $(1 + 2017 - 1840)/(6 - 1) = 35.6$ years.

<https://nl.wikipedia.org/wiki/Nederland>:

Surface area of The Netherlands: $A_{NL} = 41\,543 \text{ km}^2$,
 were it a circle: $r_{NL} = \sqrt{A_{NL}/\pi} = 115 \text{ km}$.

**On average, a meteorite would impact
 once every 35.6 years within 115 km from you.**

<https://en.wikipedia.org/wiki/Earth>:

Surface area of the world: $A_{world} = 510\,072\,000 \text{ km}^2$

https://en.wikipedia.org/wiki/Impact_event:

An estimated 500 meteorites reach the surface each year.

$500 \times (A_{NL}/A_{world}) \approx 0.041$ impacts per year within 115 km or
 roughly **1 every 24.5 years**,

which reasonably matches the aforementioned 35.6 years,
 the latter being based on the (too) small sample of merely 6 Dutch meteorites.

Estimating a human life expectancy of 75 years, i.e. 3 times this period, on average
everyone would "witness" an impact within $115/\sqrt{3} \approx 66 \text{ km}$ during her/his lifetime.

An internet search revealed that in 1490, a meteorite rain was reported in China, killing at least 10 000 people. Reports of other events mention just a few deaths, negligible compared to this large number. It yields a sample size that is way too small for reliable statistics, it holds just 1 impact with a significant death toll, but we've got no more than the known facts and we *will* do a calculation.

World population (<https://www.worldometers.info/world-population/>) [unit = 1 bln. = 10^9):

1500: 0.45, 1804: 1, 1930: 2, 1960: 3, 1974: 4, 1987: 5, 1998: 6, 2010: 7, 2022: 8.

I estimate an average of 2 bln. over the last 5 centuries and I'll calculate with an average life expectancy of 60 years during the last 530 years, so since 1490, the world population died 9 times so to say, yielding a grand total of 18 bln. deaths. Please note next result has a large error margin = uncertainty.

The **probability of dying due to a meteorite impact** would be ten thousand over eighteen billion = 1: 1.8 mln. or **roughly one in two million**.