

# What is left of the Earth if all the nuclear bombs in the world fire at the same time?

Let's try to find out if all 14,900 nuclear warheads on this planet are firing together, what will happen, is it the end of the world?

According to the statistics of the US Science Federation in 2017, there are currently 14,900 nuclear warheads in the world. Let's try to find out if all 14,900 nuclear warheads on this planet are firing together, what will happen, is it the end of the world?

**First, let's see how destructive the power of a B83 bomb, America's most modern nuclear weapon is.**

A B83 bomb can cause an explosion equivalent to 1.2 million tons of TNT, and generate an energy level of about 5 million Jun. If compared to the US atomic bomb that was dropped on Hiroshima in 1945, it has 79 times more destructive power.



A B83 bomb.

When the B83 explodes, it will create a giant fireball within 5.7 square kilometers, temperatures up to 83.3 million degrees Celsius, a hole 92 meters deep and 420 meters wide.

With only 50% of energy, B83 was able to "blow away" all buildings in a 16.8km diameter wheel.

And with 35% of the energy, everyone within a radius of 420km will suffer level 3 burns caused by the heat radiation of the explosion.

50 - 90% of people in the area around the explosion 20.6km will die immediately due to radioactive contamination, the rest will be badly affected.



Only a B83 bomb has such tremendous power. **What if all the bombs in the world exploded at the same time?**

Because there are many types of nuclear bombs in the world and of course their destructive power is different, the hypothesis is that every bomb has the same power as B83. At that time, all the bombs were equivalent to about 13,800 B83 explosives.



A terrible explosion will occur and "blow away" 94km of land.

Everything within 232,000 square kilometers equivalent to 295 cities of New York size will be wiped out by the pressure of the explosion created.

A 79,000 square kilometer fireball will be created and everything within a 5.8 million km radius around it equivalent to 3,700 London cities will be burnt cleanly.



An area of ??about 284,000 square kilometers will be poisoned by radioactive clouds and ions that will make anyone alive radioactive.

In the first hour, billions of people will have to die and with terrible consequences behind.



The clouds of radioactive dust created after the explosion will fly up to the upper level of the atmosphere, causing the Earth's temperature to drop. A nuclear winter will cover the Earth for centuries like an ice age that took place in history and destroy all life. A **great extinction** will take place, people may disappear completely. Only plant species and some other species adapted to very heavy radioactive environments exist.



This is just a hypothesis given by scientists based on theory, but in fact everything can be much more terrible.

1. What happens if meteorites fall into the ocean?

You finished reading the article "**What is left of the Earth if all the nuclear bombs in the world fire at the same time?**" edited by the [TipsMake](#) team. We hope this article has provided you with many useful tech tips and tricks. You can search for similar articles on tips and guides. Thank you for reading and for following us regularly.