

When a small meteor crosses the layers of the Earth's atmosphere , it moves from traveling through the vacuum to traveling through the air, as travel through the vacuum is easy and does not require the presence of energies, and travel through the air is much more difficult, and often the meteorite that moves in the vacuum of space travels quickly It reaches tens of thousands of miles per hour, and when the meteor hits the atmosphere, the air shrinks in front of it very quickly, and when the gas is compressed, its temperature increases, which results in the meteor being so hot that it lights up, and then the air burns the meteor until something remains, and it is possible The return temperatures reach 3000 degrees Fahrenheit (1650 degrees Celsius), and among the types of meteorites there are iron meteorites, which are meteorites that were made of minerals