



Ball Lightning

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## Lightning



Lightning is a massive natural electrostatic discharge produced during a thunderstorm. Lightning's abrupt electric discharge is accompanied by the emission of light. The electricity passing through the atmosphere rapidly heats and expands the air, producing lightning's characteristic thunder sound.

### How Lightning is Formed

The first process in the generation of lightning generation is the separation of positive and negative charges within a cloud. Ice crystals inside cumulonimbus clouds rub against one another due to the strong updrafts in these clouds, thus building up a strong static charge.