

DRAFT

TITLE :Thunder
GENERAL CLASSIFICATION :Definition of Thunders
IDENTIFICATION :
• DESCRIPTION 1 : How Thunders was created
• DESCRIPTION 2 :Benefit of thunder

Commented [1]: add the article "the"

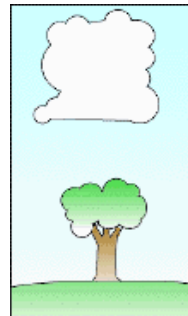
Commented [2]: add the article and plural form

THUNDER

[a thunder is a loud explosive noise that follows a flash of lightning produced by the expansion of air heated by a lightning discharge.](#) Thunders usually came during rains or thunderstorms. Thunders can be heard 3 seconds after a lightning has occurred. It always follows a lightning.



Thunder came from a lightning, and a lightning is created by frozen raindrops that bump into each other as they move around in the air. All of those collisions create an electric charge, and after a while the whole cloud fills up with electric charges. Protons form at the top of the cloud while electrons form at the bottom of the cloud, creating a magnetic attraction. This causes protons to build up on the grounds beneath the clouds and concentrate around anything that sticks up such as mountains and people. The charge coming from these points eventually connects and a lightning is then created [1]. Any sound you hear is made up of vibrations and since lightning is an electrical discharge that shoots through the air, it causes vibrations to be formed in 2 ways:



- The electricity passes through the air and causes air particles to vibrate
- The lightning is also very hot and heats up the air around it. Hot air expands, and in this case the air expands very quickly, pushing apart the air particles with force and creating more vibrations. [2]

There are benefits of thunder/lightning; it helps fertilize the plants since our atmosphere consists of approximately 70% nitrogen that exists in a form that the plants cannot use. Lightning helps

Commented [3]: u can change this point into a paragraph by using connective words like first, and second

Commented [4]: moreover, there are ...

dissolve this unusable nitrogen in water which then creates a natural fertilizer that plants can absorb through their roots. Lightning also produces ozone, a vital gas in our atmosphere that helps shield the planet from rays of harmful ultraviolet sunlight. Thunder can also be used to measure the distance between a lightning and a person. [\[1\]](#)