

# Lightning Facts

Sources: National Lightning Safety Institute, NOAA National Severe Storms Laboratory

1

Flashes of lightning between a thunderstorm and the earth are called cloud to ground.

2

There is roughly 5 to 10 times more intra-cloud lightning than cloud-to-ground lightning.

3

The vertical extent of cloud-to-ground lightning averages 3 to 4 miles.

4

Lightning often strikes up to 10 miles away from rainfall.

5

Lightning can occur in winter during heavy snowfalls.

6

Lightning can strike in the same place twice.

7

Lightning has 100 million to 1 billion volts and contains billions of watts.

Safe  
Electricity.org®



# GROUND-MOUNTED UTILITY BOXES ARE NOT READING NOOKS

**GROUND-MOUNTED TRANSFORMERS ARE NECESSARY INFRASTRUCTURE FOR BURIED POWER LINES AND SHOULDN'T BE PLAYED ON OR TAMPERED WITH.**

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**Do not let children play on or near pad-mounted transformers.**

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**Never stick anything through cracks into the transformer box.**

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**Show kids the warning sticker on the box** and teach them what it means. This way, they will know the importance of the sticker when they see it.

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If you see a transformer that is unlocked or in need of repair, **contact your electric cooperative immediately**. Often, contact information will be on the transformer box itself.

