

# Analysis of Atmosphere Electric Field Characteristics during Lightning

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**Abstract:** *Atmosphere Electric Field Characteristics during Lightning to be towards the Earth during a fair weather day. Moreover there is no negative inversion which further confirms to the set standards of the normalized weather conditions. Slight variations in the electric field are observed only during the morning and evening hours which might be influenced by the increased aerosols and suspended particulates in the atmosphere. This chapter establishes that there is a perfect harmony visible in the correlation graphs between AEF and different atmospheric parameters which confirm that the intensity of the AEF is essentially governed by these meteorological factors.*

**Keywords:** *Atmosphere Electric Field*

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