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Dr. Peter A. Fox

Editor in Chief

Earth and Space Science

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Dear Dr. Peter A. Fox,

I am pleased to submit a manuscript entitled “Characterizing Charge Structure in Central Argentina Thunderstorms During RELAMPAGO Utilizing a New Charge Layer Polarity Identification Method” by Bruno L. Medina, Lawrence D. Carey, Timothy J. Lang, Phillip M. Bitzer, Wiebke Deierling, and Yanan Zhu. This original article presents charge structure for thunderstorms in Argentina, highlighting features from anomalous thunderstorms not observed in U.S. storms. An automated method to estimate charge layer polarity from lightning mapping array (LMA) data at a flash level was used, the frequency of anomalous storms was obtained from a large dataset of months of LMA data, and compared to U.S. storms. We believe that this manuscript would appeal to the readership of Earth and Space Science. Our manuscript has not been published and is not under consideration by another journal. All authors have approved the manuscript and agree with its submission to Earth and Space Science. The authors declare no conflict of interest.

Sincerely,

Bruno L. Medina