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[Poster]

Low ionosphere modeling: new dataset

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Abstract: Severe solar radiation and activity can lead to a number of natural disasters, disrupt space communications and electrical equipment on Earth, and produce sudden ionospheric disturbances (SIDs) (see Srećković et al. 2021; Šulić et al. 2016). This work focuses on the analysis of ionosphere plasmas and their properties, as well as the investigation of SIDs utilizing very low frequency (VLF) radio signals to forecast the impact of strong radiation on Earth. We present dataset of ionosphere plasma parameters.

Keywords: data, modeling, climate, VLF

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