

SOME SIGNATURES OF THE STRATOSPHERE/ IONOSPHERE DYNAMICAL COUPLING AT MID-LATITUDES

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The foF2 data obtained at Alma-Ata [43.25⁰N, 76.92⁰E] are analyzed to investigate the upper ionosphere variability in relation with stratospheric warming and springtime transition events. The geomagnetic activity and the middle stratosphere dynamics, involving planetary wave (PW) activity, analyzed for understanding the physical conditions and processes that can explain the observed ionosphere variability.

Ionosphere variability, stratospheric warming, middle stratosphere dynamics

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