Coupling between the stratosphere/mesosphere and ionosphere during the January 2010 stratospheric warming event

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Abstract

Coupling between the stratosphere/mesosphere and ionosphere during the January 2010 stratospheric warming event is analyzed using ground-based ionosonde, SATI from Alma-Ata [43.25°N, 76.92°E] and COSMIC/FORMOSAT-3 GPS observations.