



Research of the earlier unknown natural phenomenon

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Earlier unknown natural phenomenon in the atmosphere is investigated. These are local (500 kms) and short-term, (3 day) anomalies of speeds of vertical movements in the atmosphere. Local zones of intensive vertical movements in the atmosphere are not caused by orography and can be fixed in any areas, both above the land, and above the sea. Zones of intensive vertical movements can be stabilized in a stream, or moved in a direction which is not continuous to movement of atmospheric weights. The assumption that the considered natural phenomenon is caused by local short-term anomalies of a gravitational field of the Earth which physical model was created for the first time by Borzdich E.V. is stated, and in a rank of a hypothesis with corresponding calculations has transferred Rutkevuch P.B. the fact sheet have transferred the given physical phenomenon in a rank of the theory. Formation of researched anomalies in an atmosphere, dynamic character is established, that, will be coordinated to 14-daily fluctuations of an axis of rotation of the Earth. Between geodynamic processes and earlier unknown processes in an atmosphere of 7 day., that can be used for their forecasting. It is established, that for 4 areas of Europe considered processes occur quasi synchronously. For a harmonic of 14 day coherence between separate areas not less than 0,76. The researched natural phenomena are dangerous to flights of aircraft.