

Abstract

The Bachelor work is devoted to the task of occurrence of the tornado over our territory. The goal of the work is on the basis of available Czech and foreign literature to make acquaintance with the present physical knowledge of organised convection rise and tornado formation. The second goal was to show overview of tornado rise during the last ten years and introduce several tornado rise studyings. There were calculated precursors of strong convection for these rise studyings and their values were discussed in the work.

Key words: tornado, convection, precursors of convection, vorticity