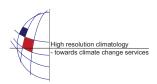
EMS Annual Meeting Abstracts Vol. 7, EMS2010-110, 2010 10th EMS / 8th ECAC © Author(s) 2010



Tropical compression of atmospheric potential energy of instability

B. Kapochkin (1) and V. Dolia (2)

(1) Odesa State Ecological University, Ukraine (tsb1@mail.ru), (2) Odesa State Ecological University, Ukraine (vadim@earth.org.ua)

Accumulation process in the bottom spheres of atmosphere of potential energy of instability (the basic source of tropical cyclogenesis) that occurs, basically, for the account anticyclonic vertical descending air motions which dominate over energy of instability of a surface layer of atmosphere of tropical widths is studied. It is the best example of that the dynamic factor in atmosphere circulation is dominating.