



Characteristics of cyclonic and anticyclonic activity in the Northern Hemisphere extratropics

Mirseid Akperov (1), Igor Mokhov (1), Mariya Prokofyeva (1,2)

(1) A.M. Obukhov Institute of Atmospheric Physics, RAS, Moscow, Russia (aseid@ifaran.ru), (2) M.V. Lomonosov Moscow State University, Moscow, Russia

Seasonal and annual-mean characteristics of extratropical cyclones and anticyclones (number, lifetime, intensity, size) obtained from reanalyses with different spatial resolution are considered for the Northern Hemisphere as a whole and separately over oceans and continents. Interannual and interdecadal variations during last decades are also analyzed with an assessment for tendencies of change. Special attention is paid to the analysis of intense cyclones and anticyclones.