

Abstract: This work deals with climatology of mediterranean cyclones. In first chapter short description of the Mediterranean area is given, second chapter depicts climate properties of Mediterranean focussed on air temperature, sea surface temperature and precipitations. Third chapter characterises Mediterranean cyclones, briefly brings some facts about their dividing and possibilities of their cyclogenesis in the Mediterranean area. In the last chapter the influence of cyclones at least partly originating in Mediterranean on the weather in the Czech Republic is studied.