

## **Climate Atlas of Croatia 1961-1990, 1971-2000**

K. Zaninovic

Meteorological and Hydrological Service of Croatia, Zagreb, Croatia (zaninovic@cirus.dhz.hr)

Following the recommendation of the World Meteorological Organisation, each member state National meteorological service is expected to develop a Climate Atlas. For the previous climate period (1931–1960) the area of Croatia was covered by the Climate Atlas of Yugoslavia, published in 1969, and the new Climate Atlas of Croatia 1961–1990, 1971–2000 is published recently.

The Climate Atlas comprises maps of the spatial distribution of climatological elements, graphs of the annual course of climatological elements at ten chosen meteorological stations and a textual description of the relevant climate characteristics and their causes. It ends with tables of the mean 30-year monthly, seasonal and annual values of climatological elements at 20 stations representative of the climate diversity of Croatia. Because of the time variability of climatological parameters and the perceived warming in the last decade of the 20th century, the tables have been expanded to include the 1971–2000 climate period.

The Atlas is intended to help experts engaged in the study of the effects of climate change to adapt their research and professional work to local climate conditions thus mitigating meteorological risks and contributing to environmental protection and to the social and economic development of the country.