

Biometeorological conditions on the Adriatic coast

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Bioclimatological conditions at six meteorological stations along Slovenian and Croatian Adriatic coast are analysed. These are Portorož on the Slovenian coast, Pula at Istra Peninsula, Split at middle and Dubrovnik at south Adriatic coast, as well as the islands Mali Lošinj and Hvar. The analysis is performed on 10-day periods. The complex influence of several meteorological variables on perception of thermal environment is important for tourists and sportsmen. A variable PET was used to describe thermal comfort. In combination with some other meteorological variables, such as air and sea temperature, sunshine duration, precipitation and number of days with precipitation above selected thresholds and wind roses, can be presented graphically to tourists in form of posters. In such a way everybody can choose the most convenient period of the year for holidays, taking into account personal preferences, health conditions and needs. The most comfortable period at Adriatic coast are April and May, as well September and October. During the high summer it is warm in the morning and evening and hot in the afternoon. From the late autumn to early spring bioclimatological conditions are favourable for sport activities.