

Bioclimatic maps of Argentina for the period 1981-2010

Maio, S., L. Calabrese and L.B. Spescha

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Summary

The Geographic areas were defined taking into account the bioclimatic types corresponding to the climatic feeling of a man in the shade and without wind, at rest or in sedentary activity and dressed in light clothing. The objective of this work was to carry out a bioclimatic zoning obtained through the study of summer and winter environmental conditions, since they offer valuable applications in the different human activities. Daily meteorological information from the SMN and INTA of 133 stations for the period 1981-2010 was used to calculate the bioclimatic types of Hoffmann and Medina, 1971. Some differences were observed in the updated regions when they were compared with the bioclimatic types for the period 1950-1980. In summer, in the north-central part of the country in the geographic area of bioclimatic type 6, warm, predominates. In winter, the north-central region is between temperate and moderate types. Only one region is very cold in the winter season, located in the south of the country.

Key words: Bioclimatic types; summer; winter