

STUDY OF THE EFFECTIVE TEMPERATURE INDEX IN ATHENS

K. MICHOPoulos, G. THEOHARATOS

University of Athens, Department of Physics, Laboratory of Meteorology

ABSTRACT

This paper studies the trends of the bioclimatic index of the Effective Temperature (T_e) in the city of Athens during the summer. It was used data of the I.M.F.A.E. of the National Observatory of Athens, for the period 1951-1998. After the statistical analysis of the data it has been made Graphics which shows the frequency of the mean and maximum values of the index. The results provide the trends of the Effective Temperature, combine satisfactorily with the results of similar papers, and also with the continuing urbanization and pollution in the area.