



Influence of Weather Condition on the Recreational Use of Wild Life Park

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ABSTRACT The study investigates the influence of weather conditions on the recreational use of Jos Wildlife Park in Nigeria. Archival data were collected on some selected meteorological parameters; maximum and minimum temperatures (°C); rainfall amount (mm); sunshine (hrs.); wind speed (km/h) and relative humidity (%) and the number of recreationists were obtained for the period 1996 to 2010. Weather records were obtained from the University of Jos Weather Station and subjected to Multiple Linear Regression Analysis and Correlation Analysis to investigate the correlations between weather and patronage levels using version 17 of the SPSS. The overall regression model explained ($P < 0.05$) the variance in patronage levels. The result study revealed that annual mean minimum temperature (-0.818) and amounts of rainfall annually (-0.622) exhibited a negative correlation significantly with patronage levels, only annual mean relative humidity (0.663) had a significant positive correlation, annual mean maximum temperature (-0.035) had a weak negative correlation with patronage levels while annual mean sunshine hour (0.125) and annual mean wind speed (0.404) had weak positive correlations with patronage levels.