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On γ -radiation (measurements) and its effects on living organisms and human

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Abstract:

Investigation have been carried out on the variation of γ -radiation dose (produced by radium daughters), due to changes of temperature, in order to evaluate its effects on living substances specially on man and to study to evaluate its effects on living substances specially on man and to study the variation of observed dose and its effects, following measurements have been done in five different points of so-called field No, 2 for different hours, days and seasons in the years 1356 and 1357: 1) γ -radiation was measured was measured at 4 A.M.& 3P.M. (respectively coldest & warmest hours in a day) in order to specify daily hours variation, but no meaningful result has been obtained after statistical calculations. 2) Daily variation of γ -radiation was not observed too. For this purpose, γ -radiation was measured for twenty consequent days. 3) Measurements of γ -radiation in different seasons showed that environmental radioactivity is reached at maximum level in winter and becomes lower for autumn, summer and spring respectively.

Keywords:

γ -radiation , Radiation effects on human

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