NON-UNIFORMITY OF INTRA-ANNUAL STRONG EARTHQUAKE DISTRIBUTION IN GARM REGION

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Abstract. Intra-annual strong earthquake distribution in Garm region is considered. The earthquakes of energy $K \ge 9.0$ ($M \ge 2.8$) were defined as strong ones in the paper. Fast increase in the number of strong earthquake was revealed during spring groundwater recharge. The number of weak earthquakes of $K \le 6.0$ ($M \le 1.1$) decreased during the same time interval. Possible causes of the revealed phenomena, including mechanism of hydroseismicity, are discussed.

Keywords: seismicity, Garm region, strong earthquakes, weak earthquakes, seasonal variations, hydroseismicity.