

UNUSUAL EARTHQUAKES OF TIEN-SHAN KYRGYZPART

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Unusual earthquakes of Tien-Shan Kyrgyzpart KALMETYEVA Z.A. Institute of Seismology, NAS RK, Bishkek, Kyrgyzstan. The dynamic and kinematics parameters of small seismic events records from local earthquakes have been explored over the Tien-Shan. The observed and theoretical data of sources radiation were compared. It has been found out that there are at least two types of earthquakes. First ones were named likely dislocation and second ones unusual events likely explosion earthquakes. These two types of events different kind of space-temporal behavior and are interacting each other. The unusual earthquakes do not happen always, forming dense accumulations in space and in time. Now such earthquakes are observed in the southwest part of Tien-Shan. Foreshock and aftershock activity were considered also by strong earthquakes. It is possible to allocate four of such events: single event, an earthquake with usual aftershock activity, earthquake with unusual many aftershocks and not having place earthquakes. The results show, that at any seismological research it is necessary to take into account that not all earthquakes are identical and probably have a different nature.