

Migration of earthquake swarms in the Hida Mountains and surrounding areas

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Earthquake swarm activities, started in August, 1998 in the Hida mountain ranges, have been almost subsided after 1.5 years. The activity is the largest among the activities in the past 30 years with maximum magnitude of 5.4 and lasted one and a half years. The activity, began in the Kamikochi, migrated about 30km towards north along the mountain range for the first two months. After that however, swarms moved from place to place along the mountain ranges. In particular, swarms in the Kamikochi and those near Mt. Hodaka-dake repeated alternately like a seesaw. After the swarm activity another seismic activity has been activated in the central Nagano Prefecture. This may be caused by the stress change in the area.