

Migration of earthquake swarms in the Hida mountain rangeS

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Earthquake swarms in the Hida Mountains, occurred in 1990, 1993-94 and 1998 were moved through the range of 100km with about 5km in width. All were moved north from the south, and returned south from the north again. The velocity of the movement is 0.5-2.0km/day. The velocity is slower than the approximate value 10km/day observed in the eastern Izu earthquake swarm. An activity area for each swarm expands so that it is saturated with time. The velocity is about 10km/day and lower than the approximate value 45km/day in volcanic areas.