

紀伊半島における1971年1月から1972年6月 までの地震活動

地震研究所 和歌山微小地震観測所

(昭和48年1月20日受理)

紀伊半島全域に配置されている和歌山微小地震観測所の観測点の資料を基に震源が求められた地震のマグニチュードの下限は地域によって異なるが全体を通じて把えられるマグニチュードの下限は約1.9である。但しこれは極浅発地震に限られる。従ってやゝ深いものを含めるとマグニチュード約2.5以上が一樣に観測される下限である。従って最近の一年半(1971年1月から1972年6月)の $M \geq 2.5$ の地震の震央分布を深さ別に Fig. 1 に示す。地震発生の Pattern は1965年以後の既に報告されている期間のもの(例えば Seismological Bulletin of Wakayama Micro-Earthquake Observatory and its substations Jan.-Jun. 1965, 和歌山微小地震観測所月報)と類似している。

Fig. 1-23. Epicenter maps.

Distribution of earthquakes in the Kii-Peninsula (Jan. 1971 to June 1972)

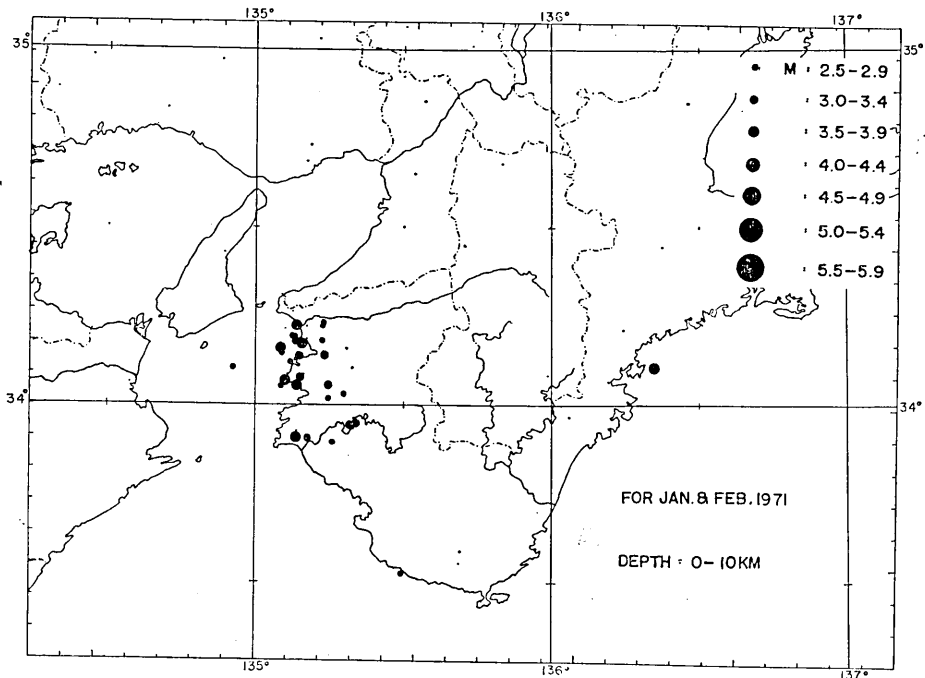


Fig. 1-1

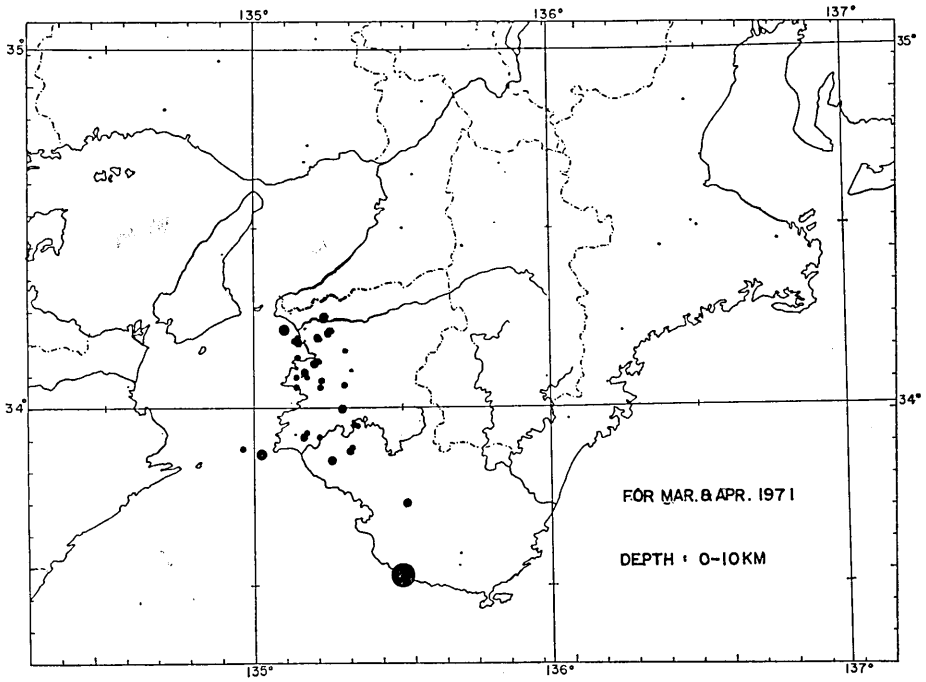


Fig. 1-2

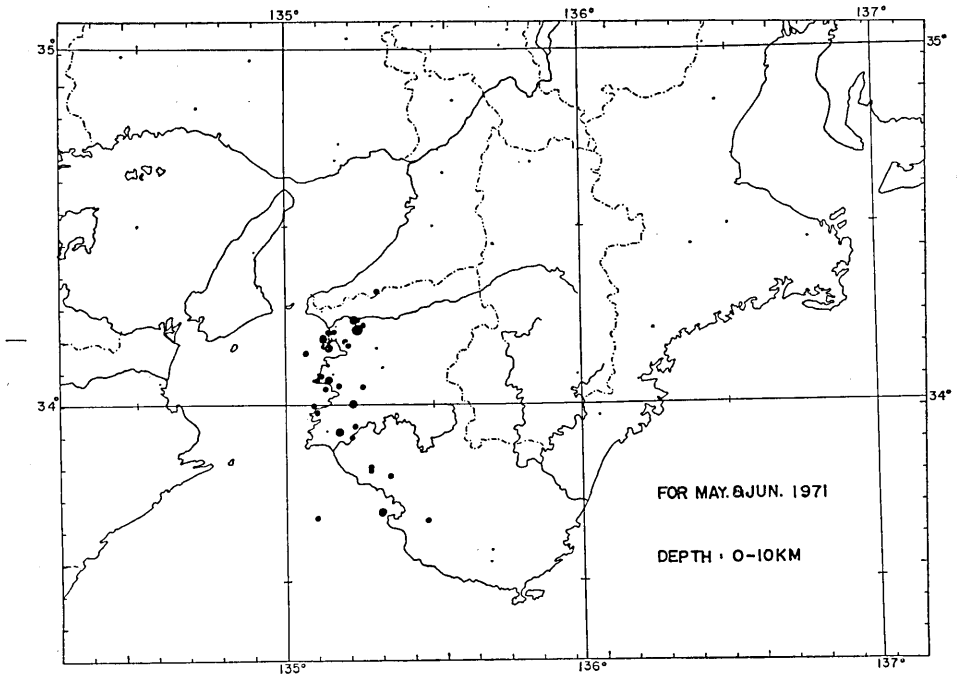


Fig. 1-3

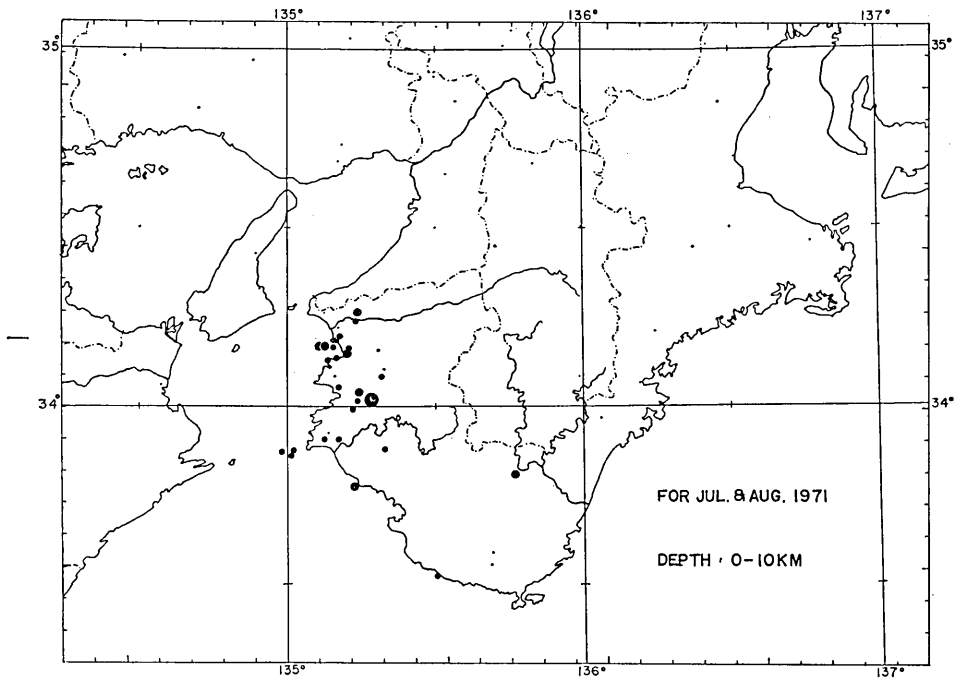


Fig. 1-4

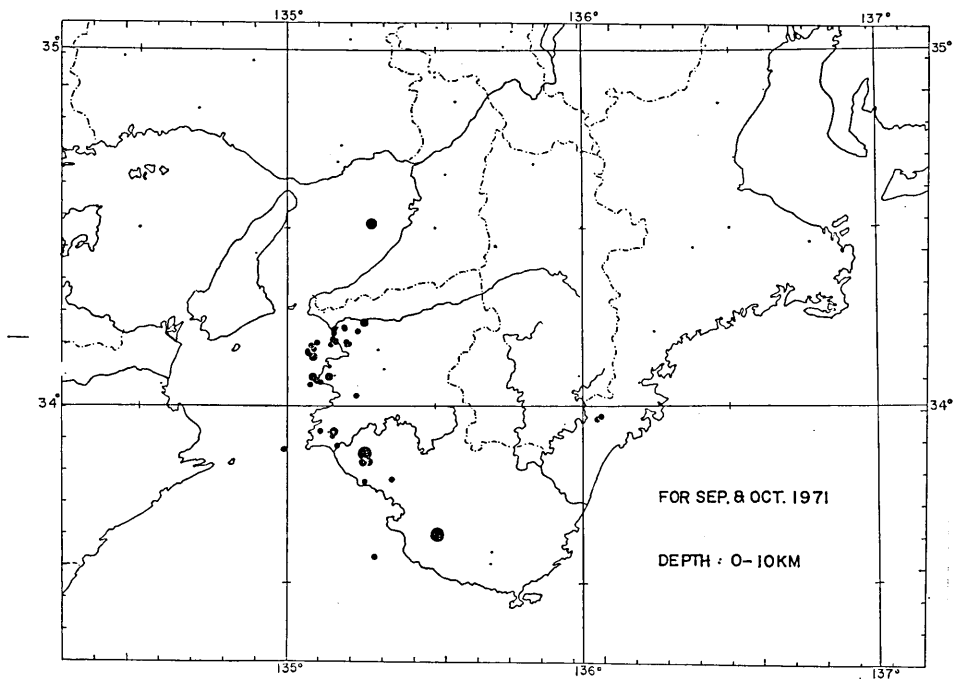


Fig. 1-5

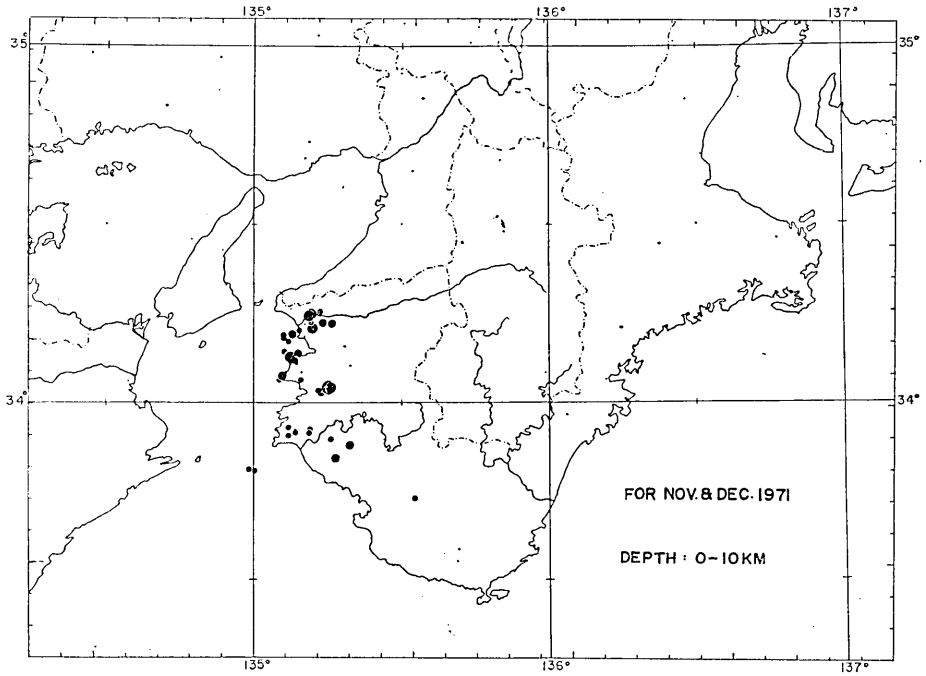


Fig. 1-6

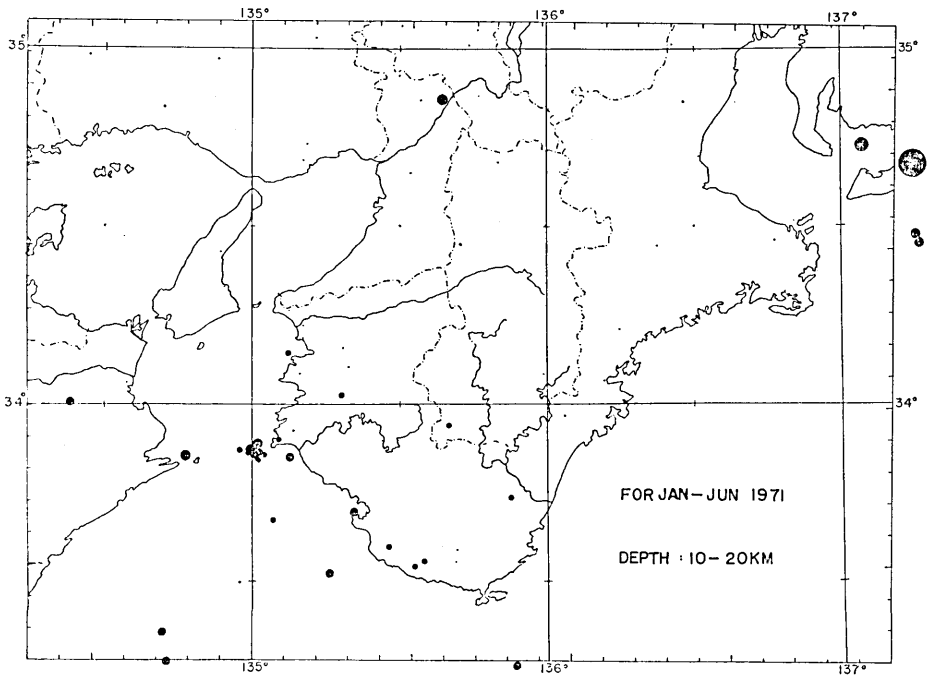


Fig. 1-7

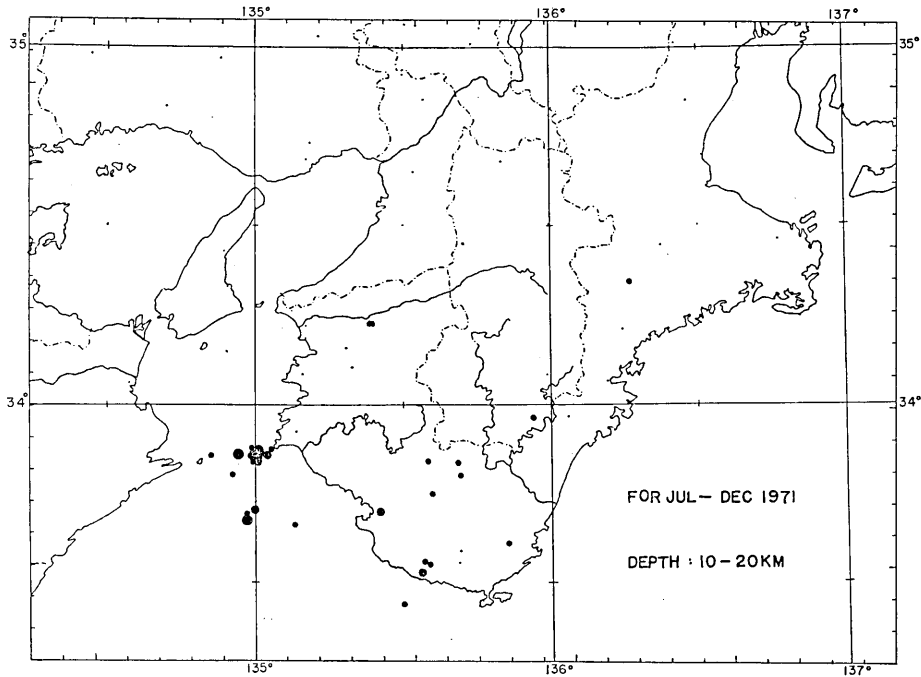


Fig. 1-8

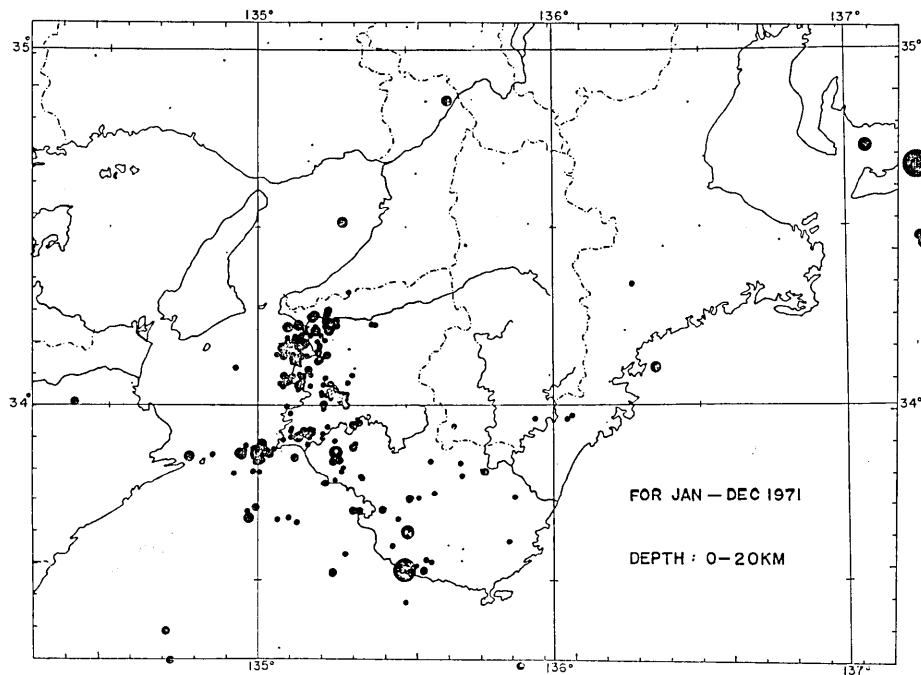


Fig. 1-9

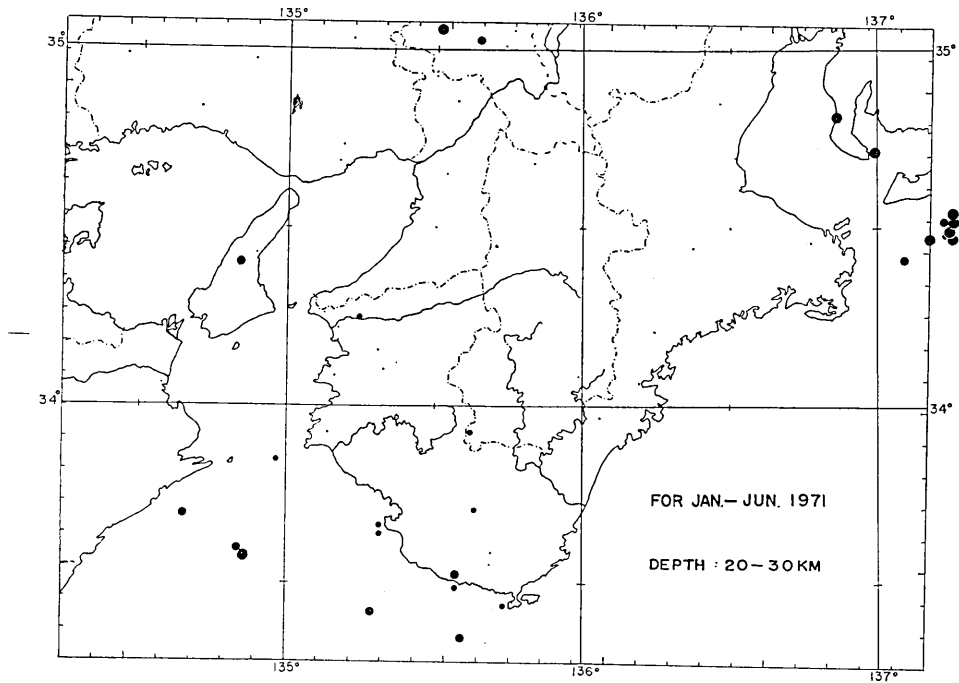


Fig. 1-10

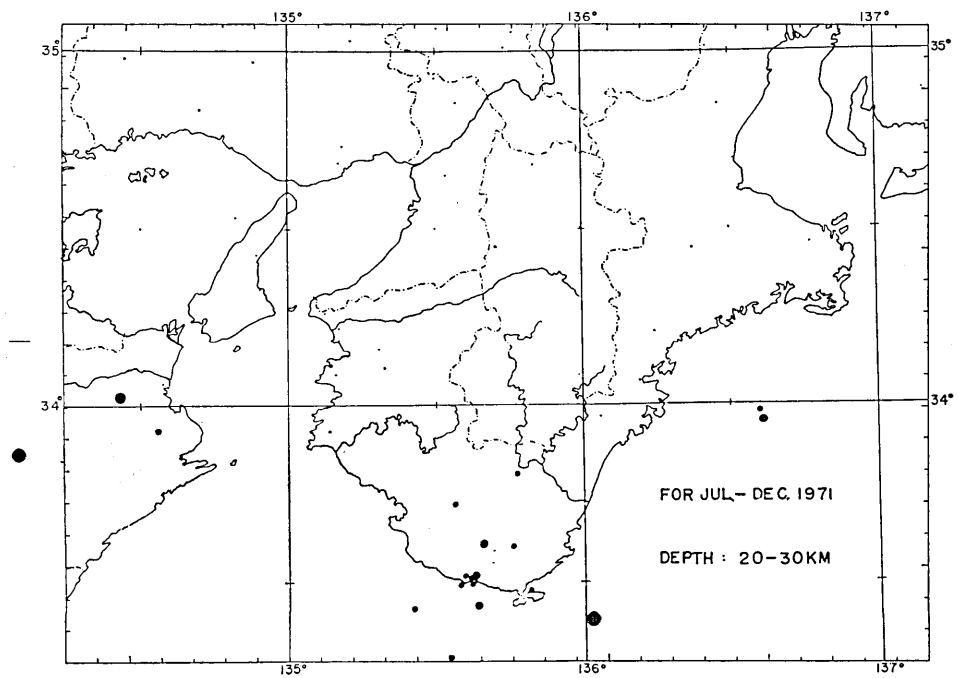


Fig. 1-11

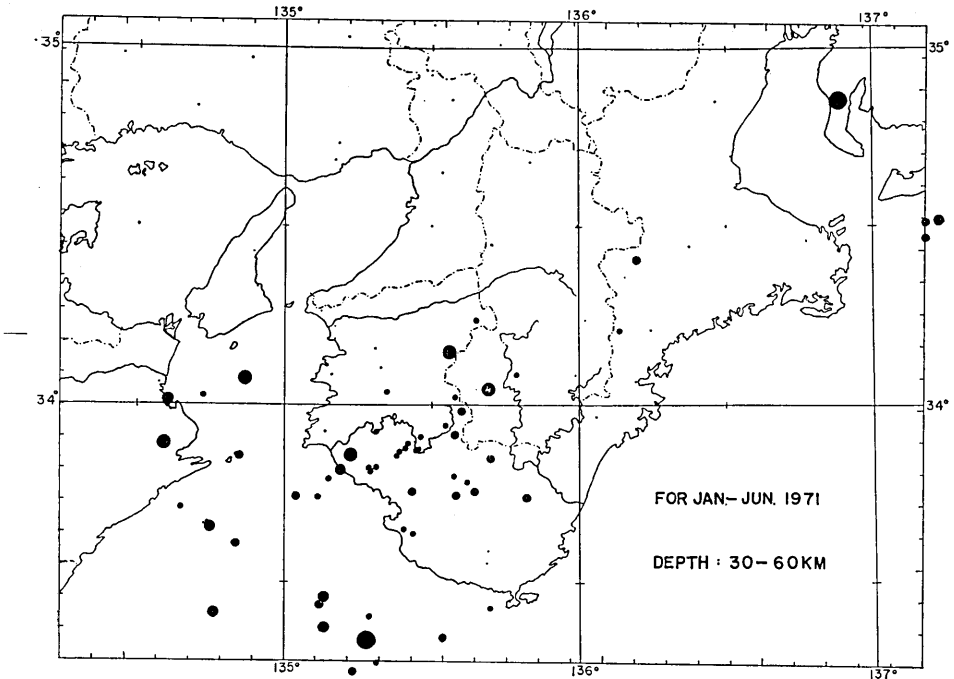


Fig. 1-12

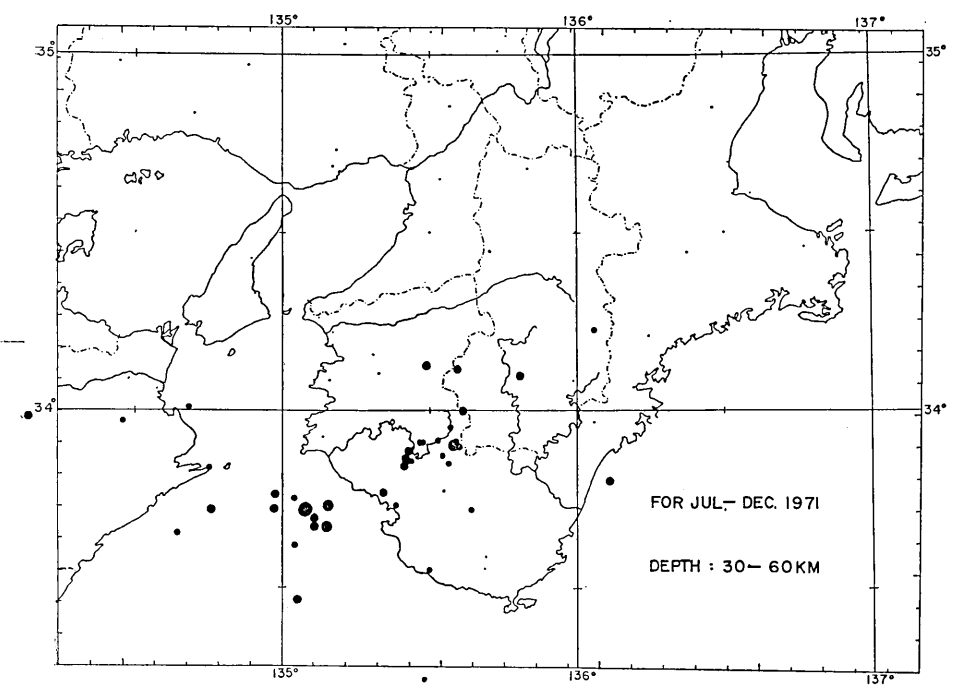


Fig. 1-13

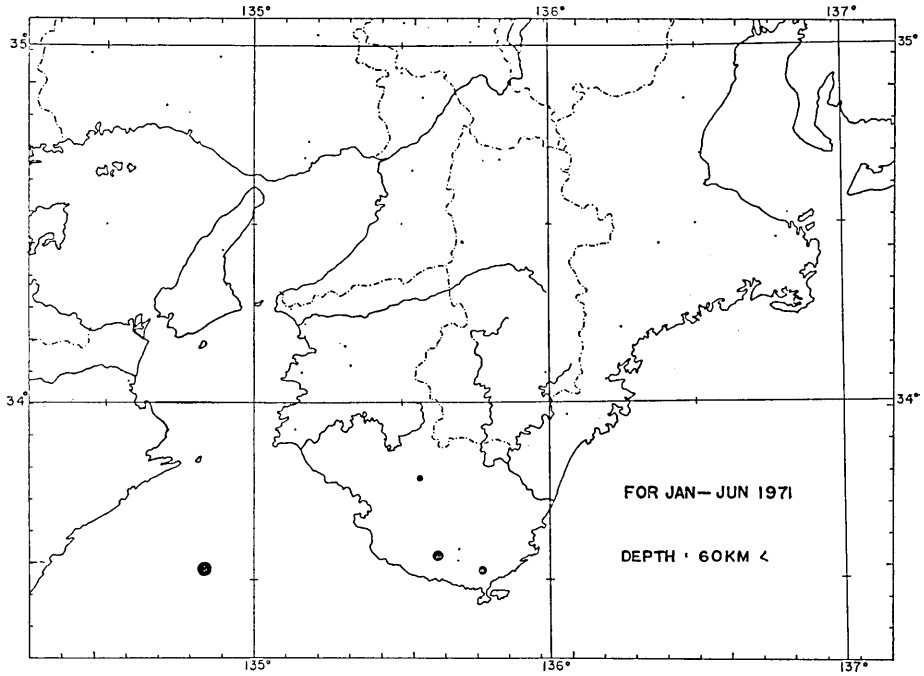


Fig. 1-14

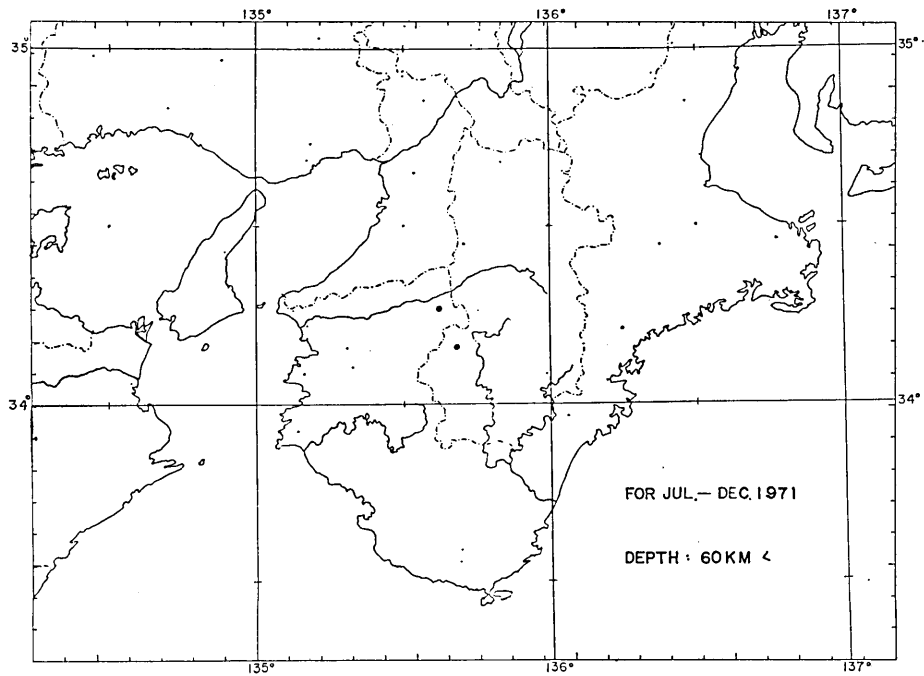


Fig. 1-15

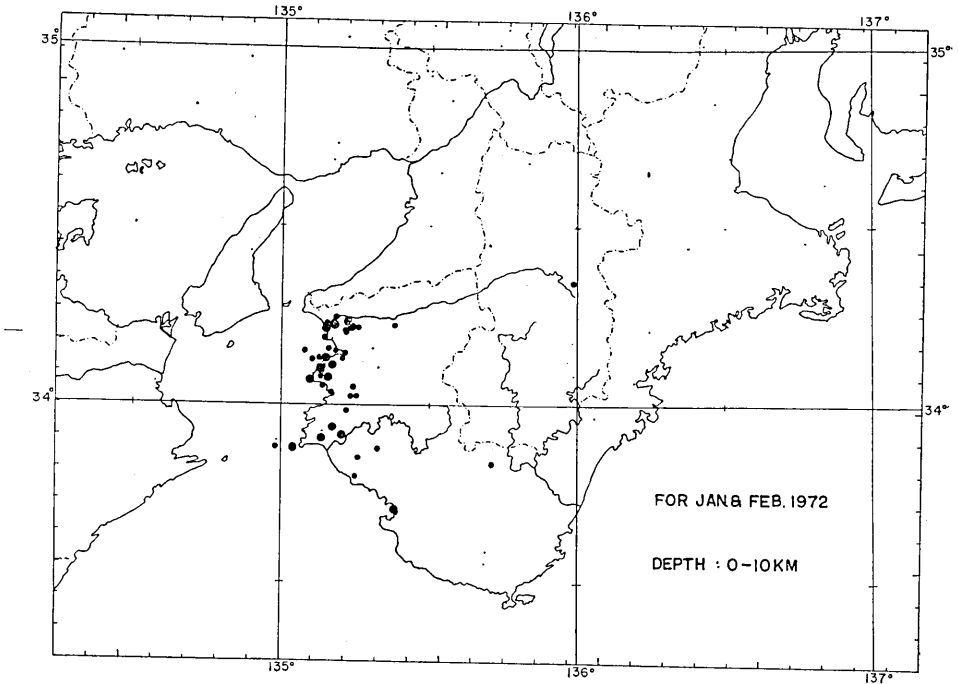


Fig. 1-16

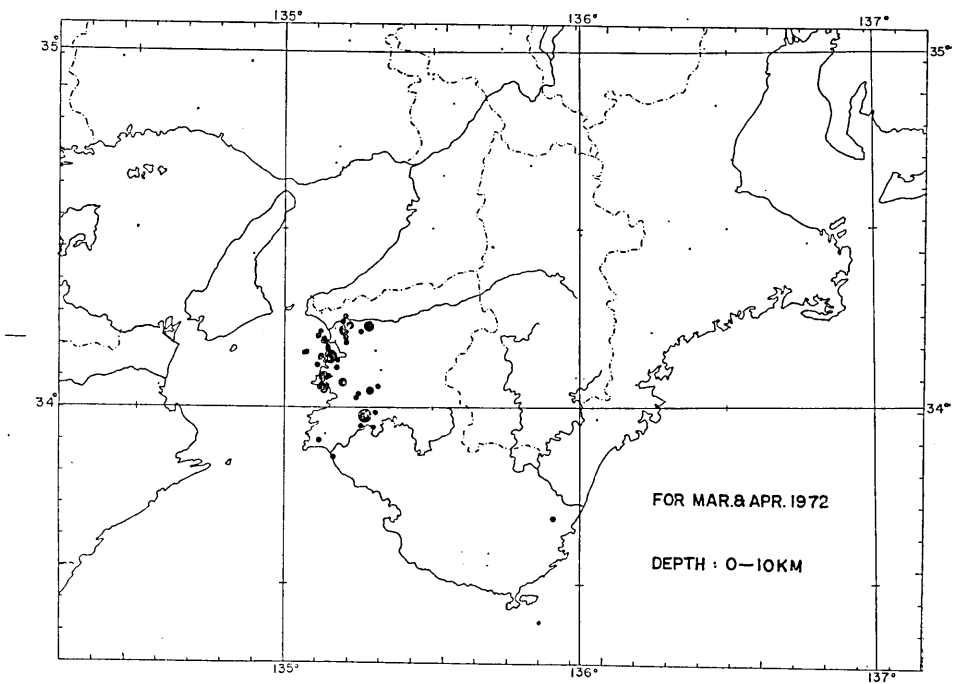


Fig. 1-17

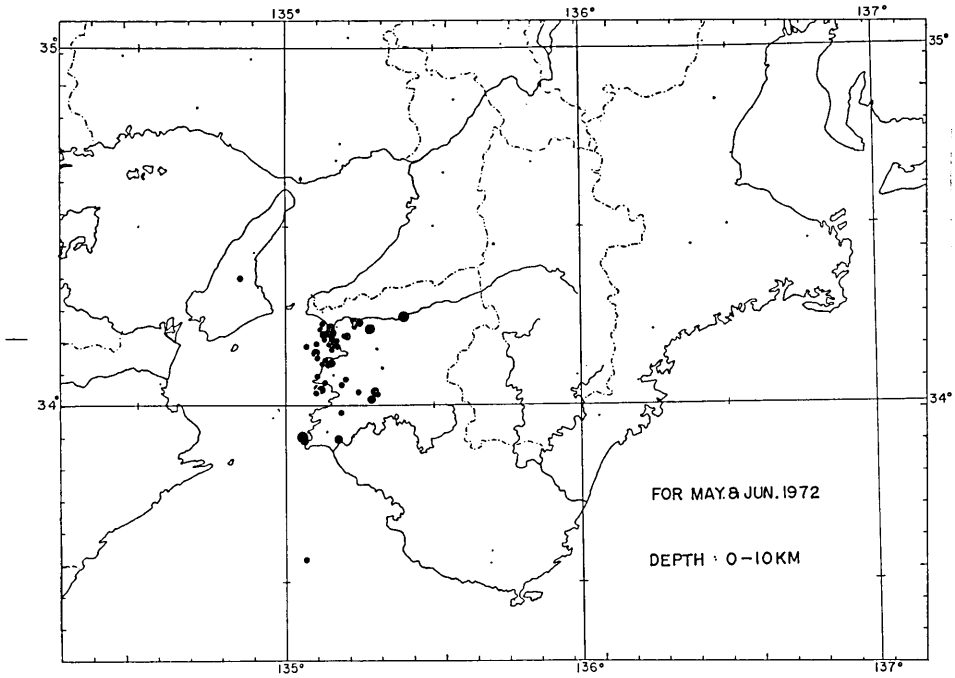


Fig. 1-18

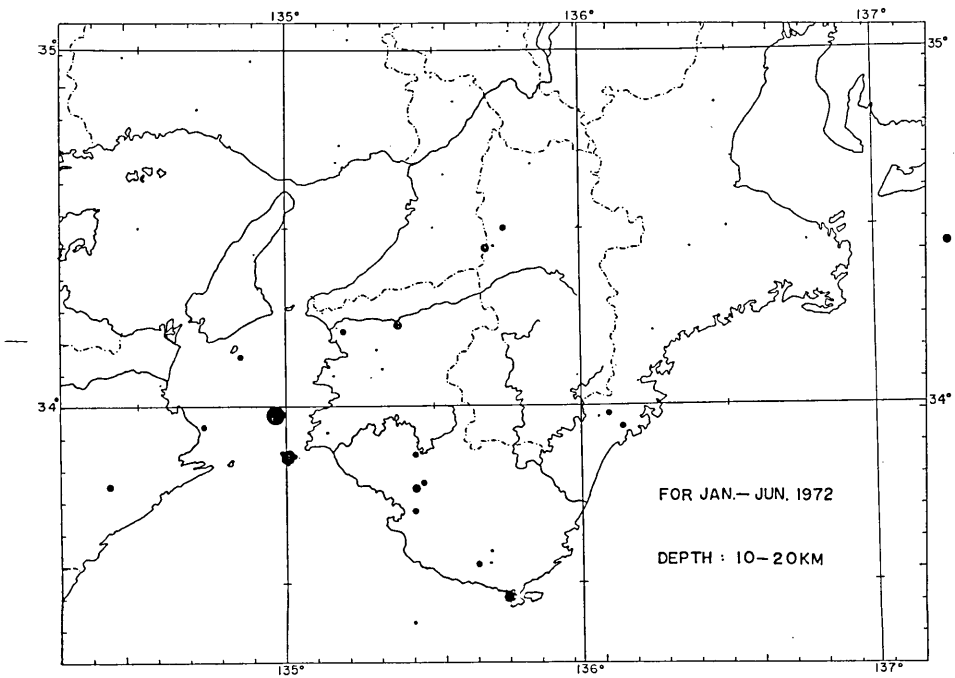


Fig. 1-19

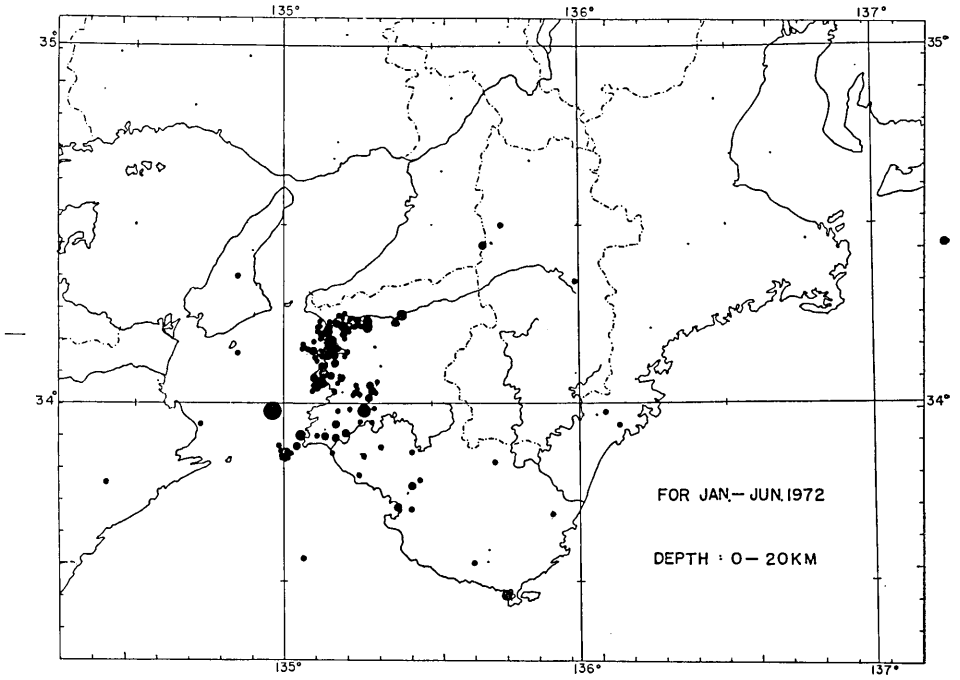


Fig. 1-20

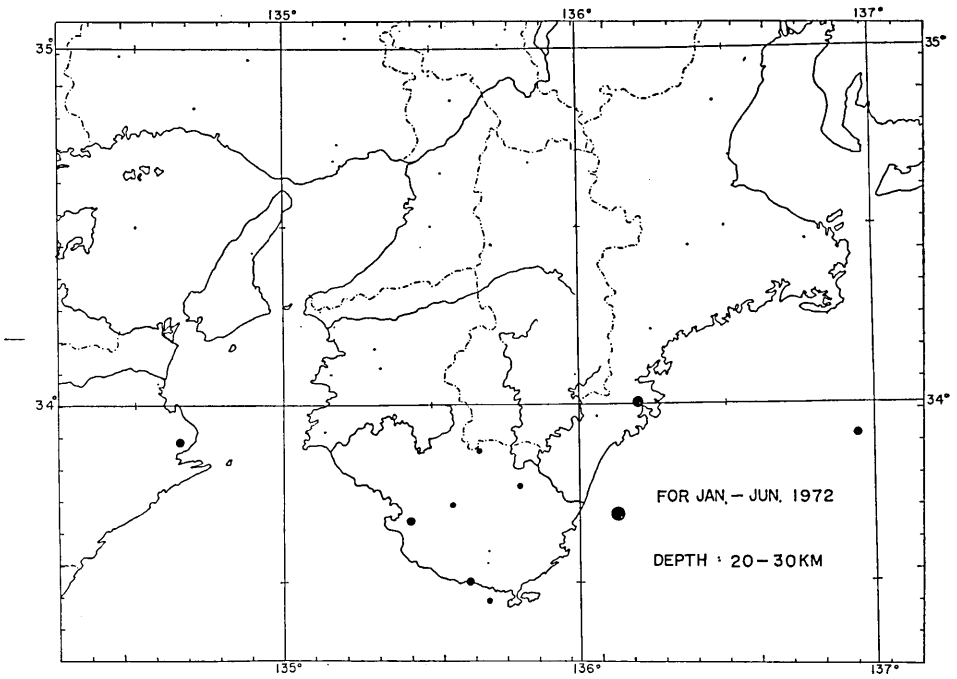


Fig. 1-21

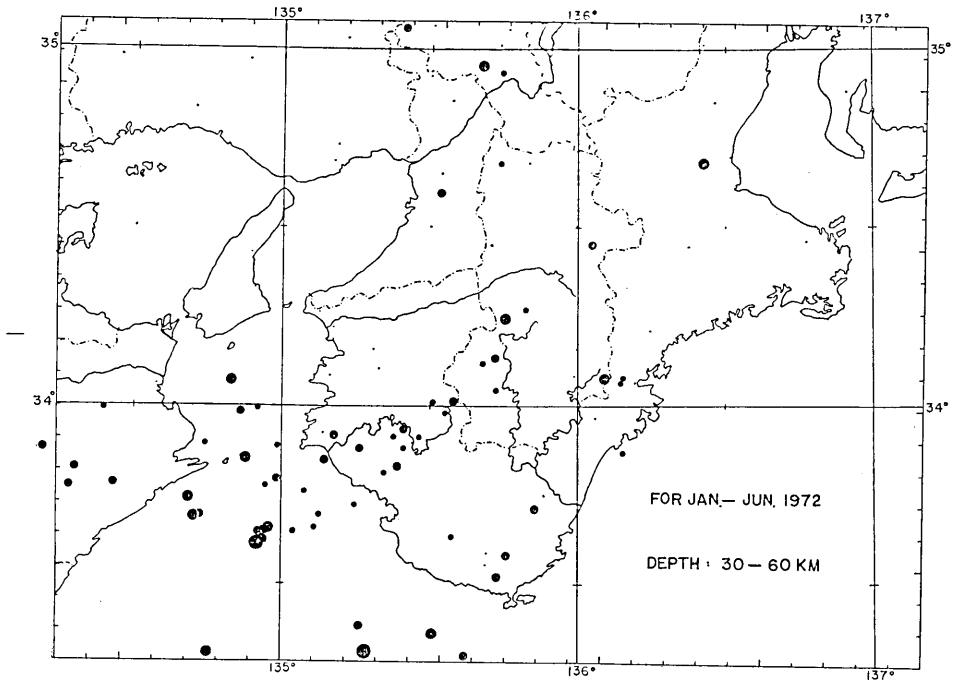


Fig. 1-22

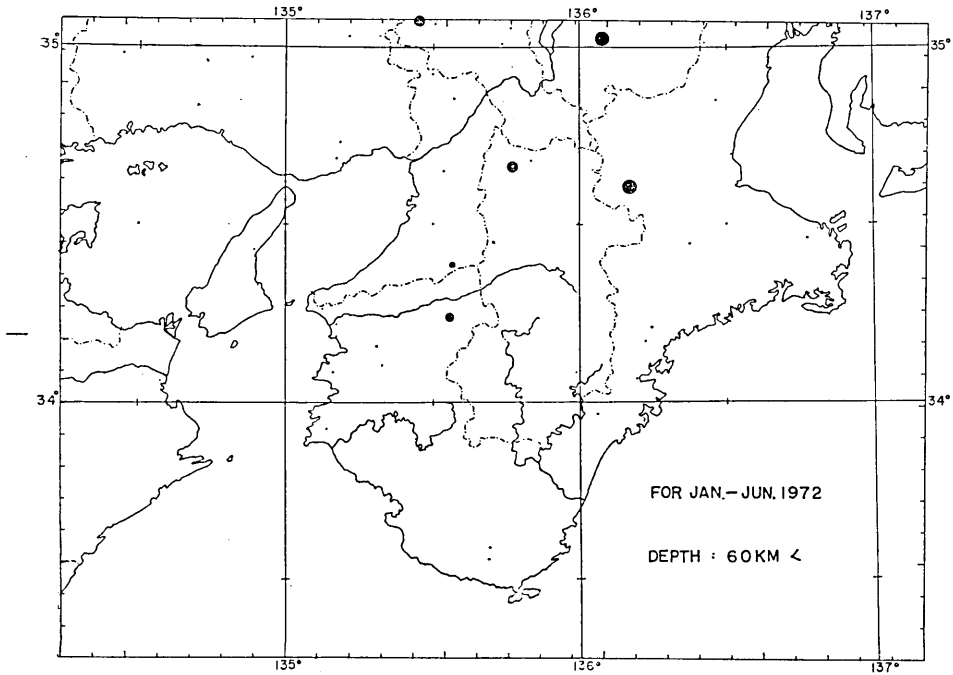


Fig. 1-23

Seismic Activity in the Kii Peninsula for Jan. 1971~Jun. 1972.

By Wakayama Microearthquake Observatory,
Earthquake Research Institute.

The Wakayama Microearthquake Observatory, Earthquake Research Institute, has made precise observations of earthquakes with about ten satellite stations distributed widely in the Kii Peninsula. This observation net can detect almost all of earthquakes more than magnitude 1.9 for very shallow earthquakes and more than magnitude 2.5 for shallow earthquakes in and near around of the Kii Peninsula. The distributions of earthquakes more than magnitude 2.5 for different focal depth are shown in Fig. 1 respectively.