

Research on water level changes prior to the 1946 Nankai Earthquake and observations of groundwater level in Kochi Prefecture

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There is a report that the water level of well where distributed within the area of Pacific coast from Kii peninsula to Sikoku was decreased before the Showa Nankai earthquake (1946, M8.0). Therefore, we did the field study whether or not the well where it is reported that well water decreased under Kochi Prefecture from June,2002 exists where. As a result, it was not possible to have found the well which is mentioned to the report regrettably. However, it found that there are wells which are left at present in the neighborhood. Therefore, we began the continuous observation of the water level of the well at Koch City, Tosasimizu City, Saga City from October, 2002. It is expected that this observation contributes for the research which makes relation between the water level decrease and the earthquake occurrence related with the Nankai earthquake clear.