

The earthquake-related phenomena of groundwater levels and other observations around the Tono Mine at Toki City in Gifu, Japan

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The Earthquake/Groundwater Research Team has continuously monitored many earthquake-related components at some wells in and around the Tono Mine. In groundwater levels (or pore water pressures), the various kinds of the earthquake-related changes were observed. Compared with the earthquake-related changes of other components, the earthquake-related groundwater level changes were evaluated and characterized, based on the strain sensitivity of the groundwater levels estimated by the tidal and barometric responses of the groundwater levels.