

## Temporal change of distance between two trig stations near Hamanako

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Geographical Survey Institute (GSI) repeatedly measured distance between triangulation stations Uwanomi-shinden and Tomimaki-yama. Recently, we checked its rate with GPS campaign data and found it can be interpolated and extrapolated with data obtained at near-by GEONET stations.

Temporal variation of the distance between Uwanomi-shinden and Tomimaki-yama. shows quite similar pattern in 1978-1988 and 1994-2005. The change is not cumulative as is frequently seen. It is easy to understand that decreased distance may recover partly due to slow slip. Large recovery may need another explanation.

上野巳新田-富巻山間の基線長変化

26975.219m(1973年基準)

