

9. 東京市及其附近と板橋町・富士見村間 一等水準線檢測成果報告

昭和六年（一九三一）九月廿一日武蔵北部地方に起りたる強震と連關する地殻變動を觀測する必要を生じ陸地測量部に委囑して東京より高崎・輕井澤・上諏訪を経て富士見に到る水準路の再觀測を遂行したり。其結果を別紙圖版に採録す。此觀測に連關して同時に東京市内及其外廓を繞ぐる二つの環狀線路に就ても再測を行ひたるにより其結果をも同圖上に併記す。今回の再觀測は昭和七年（一九三二）四月より六月に亘りて行はれたるものにして、此れと比較して變動量を算出する爲に使用したる前回觀測は板橋高崎間に就ては大正十四年、高崎富士見間に就ては大正十五年に行はれたるものなり。なほ市内二條の環狀線に就ては昭和五年二、三月と昭和六年七月と及昭和七年五、六月の間に於ける變動を圖示せり。

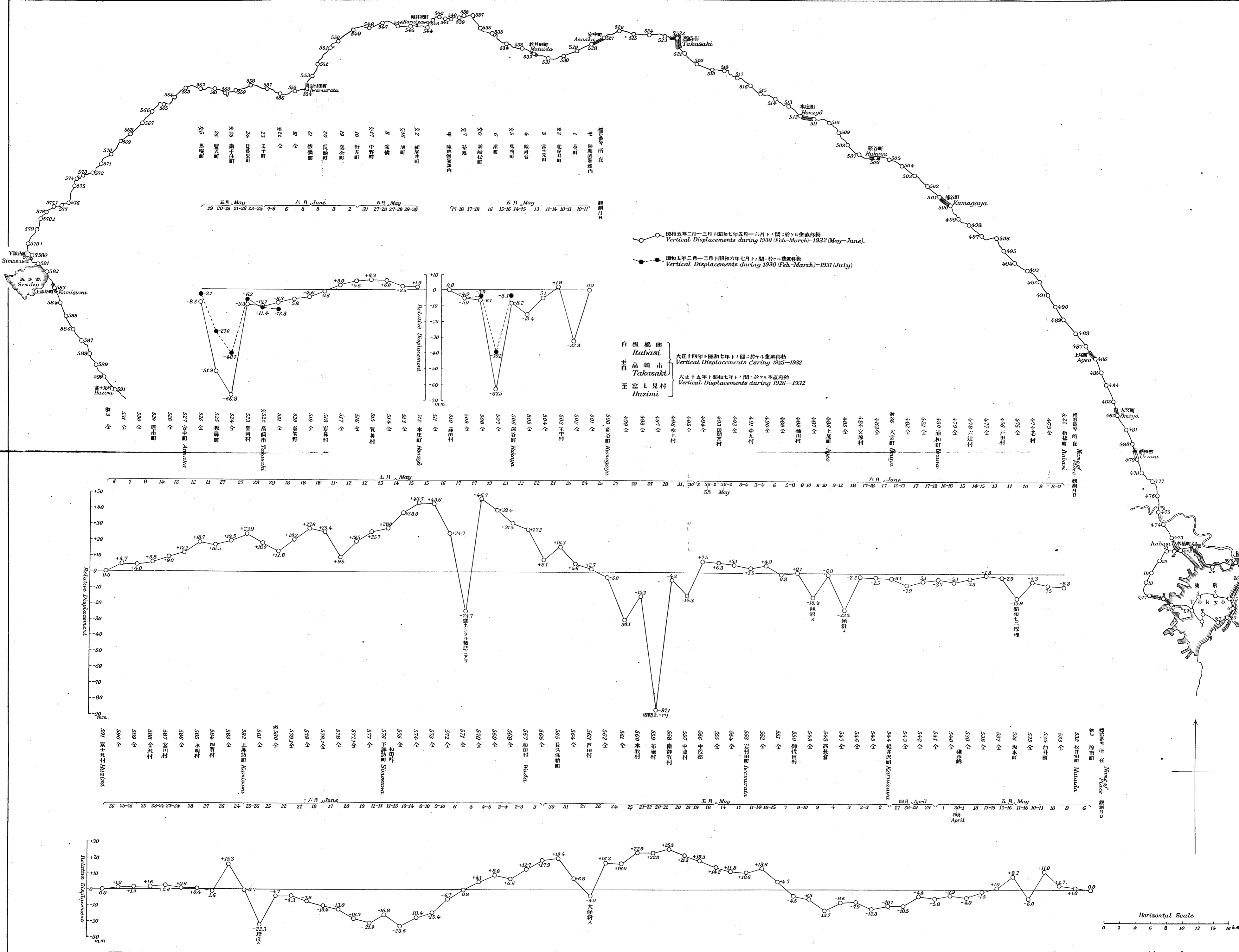
今回觀測に要する費用の全額は帝國學士院より學術研究補助費として故末廣所長並に寺田現任所員兩名の申請により下付されたるものなり。茲に明記して深謝の意を表す。

9. *Relative Vertical Displacements of Bench Marks along Routes in Tôkyô and the Environs and from Itabasi to Huzimi.*

In connection with the strong earthquake which occurred in the northern part of the Province of Musasi, in the vicinity of Titibu, a revision of precise levelling along the route from Tôkyô to Huzimi, via Takasaki, Karuizawa and Kamisawa, was carried out during the epoch April—June, 1932. The result was compared with the previous results, 1925 for Itabasi—Takasaki and 1925 for Takasaki—Huzimi, and the relative vertical displacements thus obtained are shown in the annexed plate.

Besides, two closed loops of the levelling route, in the City of Tôkyô were also subjected to the revision and compared with the result obtained in Feb.—March, 1930. For a part of the latter route, the comparisons are also made for the epoch 1930 (Feb.—March)—1931 (July).

The present revision was carried out by means of the research fund granted from the Imperial Academy to Prof. Suyehiro, late Director, and Prof. Terada, the Member of the Institute. The best thanks of the above named and also of the present Director are due to Authorities of the Academy.



東京市及其附近板橋町・富士見村間一等水準線検測圖
 Relative Vertical Displacements of Bench Marks along Routes in Tokyo
 and the Environs and from Itabashi to Huzimi.

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