

16. 伊豆東海岸に於ける水準 測量成果報告

今春伊豆東海岸地方に多數の地震發生せしを以て陸地測量部に依頼して附圖に示す範圍に於て該地方の水準測量を行へり。其成果を大正十三年同部により計測されしものと比較せしに同圖に示すが如き結果を得たり。此計測の精度に就ては彙報第三號百六十七頁を參照せられたし。

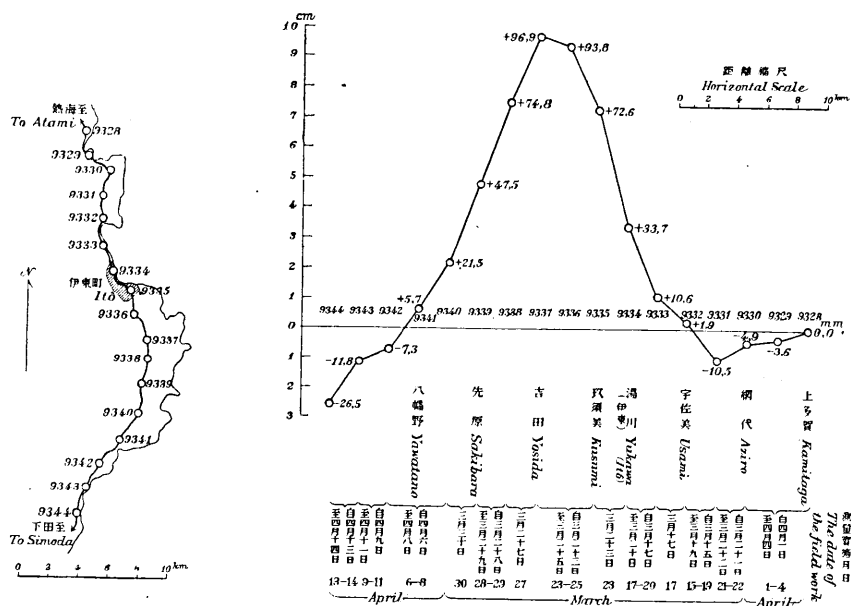
此測量は地震が引續き發生せる際に行はれたるものなるが故に地震鎮靜後を俟つて今一回計測を行ふ豫定なり。

此機會を以て陸地測量部員が本所の爲め此困難なる事業に従事せられしことを感謝す。(昭和五年六月廿日所長)

16. *Precise Levellings in the Province of Idu.*

In the spring of this year, abundant numbers of earthquakes, though not severe, took place in the eastern part of the Province of Idu. The work of precise levellings which was entrusted to the Military Land Survey Department, was carried out along a route crossing the shaken district, while the earthquakes were still incessantly occurring.

The result of the comparison of the data with those carried out in 1924 is embodied in the synoptical map reproduced in the accompanying figure. The accuracy of the levelling is the same as that carried out in the Tango district (see *Bull. Earthq. Res. Inst.*, **3** (1927), p. 167). Another surveying after the subsidence of the disturbance is now being contemplated. (June 20, 1930. The Director.)



線路圖
(數字ハ水準點番號ヲ示ス)

Map of route.
(Figures show the numbers of bench marks.)

水準檢測斷面圖
(上多賀ヲ不動點ト假定ス)

Profile showing relative vertical displacement
(assuming No. 9328 to be stationary.)

伊豆東岸地方一等水準檢測圖

The Result of Precise Levellings on the East Coast
of the Province of Idu.