

9. 伊豆東海岸に於ける 水準測量成果報告

昭和五年及六年に互る伊豆東海岸に於ける地震群に連關せる地殻變動を研究する爲陸地測量部に委嘱し、静岡縣湯河原町より網代、伊東を経て同稻取町に到る水準線路の改測を行ひたり。今回の測量は昭和七年十二月より同八年三月迄の間に遂行せられたるものにして、昭和五年十二月より同六年一月迄の間に遂行せられたる前測量と比較し、多賀村所在の水準點 9328 を不動としてその變動を算出せる結果は別表の如し。本測量に要したる費用は、所員坪井忠二に對する服部報公會補助金によりたり。茲に明記して深謝の意を表す。

(地震研究所)

9. Precise Levellings in the Province of Idu.

For the purpose of studying the crustal deformation connected with the earthquake swarms that occurred on the eastern coast of the Idu peninsula, the levelling route from Yugawara to Inatori was surveyed by the Military Land Survey at the request of the Institute. The result of the present survey which was made from Dec., 1932 to March, 1933, was compared with that of the older one made from Dec., 1930, to Jan., 1931, B. M. 9328 being assumed as unchanged in height during the interval between the two surveys. The changes in height of the bench marks are given in the accompanying table.

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Earthquake Research Institute.

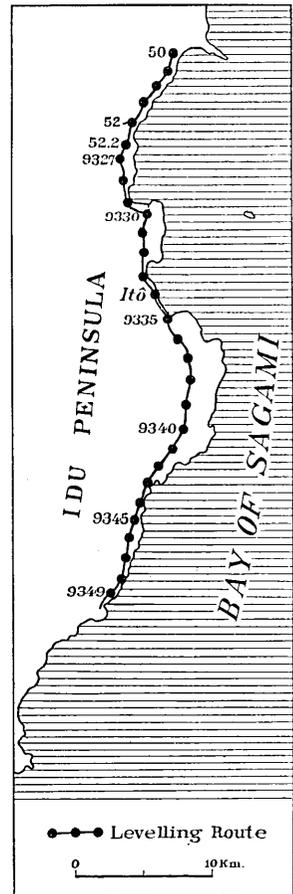


Fig. 1. Levelling route over the Itô seismic region.

水 準 點 Bench Mark	變 動 Change in Heigh	水 準 點 Bench Mark	變 動 Change in Height
50	- 6.3 ^{mm}	9336	+127.2
50.1	- 6.7	9337	+116.3
51	- 9.5	9338	+105.8
51.1	- 15.4	9339	+ 93.4
52	- 17.1	9340	+ 77.5
52.2	- 13.8	9341	+ 63.9
9327	- 13.4	9342	+ 50.6
9328	± 0.0	9343	+ 39.4
9329	+ 19.6	9344	+ 33.7
9330	+ 27.2	9345	+ 22.6
9331	+ 61.6	9346	+ 19.4
9332	+ 96.7	9347	+ 17.2
9333	+123.4	9348	+ 11.2
9334	+137.0	9349	+ 10.3
9335	+135.8		