

53. 善通寺—高知間水準再測の成果

昭和 13 年度に於いて，陸地測量部に委託し改測を施行せる水準線路は，善通寺—高知間にして，この改測の結果知られたる沿線水準點の上昇又は低下の量（單位 mm）は，各水準點の分布圖と共に附圖に掲げたり．この測量に關する要項次の如し．

(i) の水準線路を測量せる時期は，

舊測量 明治 30 年 4 月～7 月 新測量 昭和 14 年 1 月

(ii) 各水準點の上昇又は低下の量は，善通寺近くに在る交 3385 號の變動量を +27.4 mm として算出せり．この交 3385 號の變動量は，昭和 12 年施行せる水準改測の結果小松島附近に在る水準點 5078 號を不動として算出せられたるものなり．

本改測は，原田積善會より本所に寄せられたる研究資金を以て遂行せられたるものにして，茲に同會に對し深甚なる謝意を表明す．

昭和 14 年 9 月

地震研究所

53. *Results of Recent Precise Levelling along the line, Zentūzi-Kōti, Sikoku.*

Precise levels along the line from Zentūzi to Kōti, Sikoku, were recently revised at our request by the Military Land Survey.

The relative vertical displacements of the bench-marks along this line of levels obtained by comparing recent measurements with earlier ones are shown in Fig. 1, together with a map showing the geographical distribution of the bench-marks. The amounts of vertical displacements denoted by numerals with signs against the points in the graph of Fig. 1 are given in mm.

The dates of field works are,

April—June 1897; earlier survey.

Jan. 1939; recent survey.

The vertical displacements of the bench-marks are measured, with reference to B. M. J—3385, situated near Zentūzi, the displacement of which is 27.4 mm, as measured in Nov. 1937, with reference to B. M. 5078, situated at Komatusima.

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Earthquake Research Institute.

