

13. 宮古—青森間水準検測成果

昭和 10 年度に於いて，帝國學士院より本所々員寺田寅彦教授に對して與へられたる學術研究資金を以て，陸地測量部に委囑し，宮古—青森間の水準測量を施行せり。この測量の結果を前回の測量の結果と比較して得たる各水準點の垂直變動量は，別圖に示したる所の如し。

測量の結果に關する要領は下記の如し。

(1) 測量期 前回：	宮古—淺田村間は	1900,
	淺田村—野邊地間は	1897,
	野邊地—青森間は	1902.
今回：	全部	1935.

(2) 水準點の垂直變動は凡て，上掲の期間に於ける垂直變動量 -72.4 mm を算したる宮古町所在の水準點 6885 號に準據して算出せられたるものなり。

昭和 11 年 2 月

地震研究所

13. *Precise Levelling along the Line from Miyako to Aomori.*

By the aid of the research fund granted to Prof. T. Terada, one of the chief staffs of members of our Institute, from the Council of the Imperial Academy, a precise levelling was revised in 1935 along the line from Miyako (Iwate Prefecture) to Aomori.

The relative vertical displacements of bench-marks obtained by comparing the results of the recent measurements with the earlier ones are shown in the plate.

The dates of the field works are as follows:

Earlier survey: 1900 for the section of the line Miyako-Asadamura
1897 for the section of the line Asadamura-Nohedi
1902 for the section of the line Nohedi-Aomori.

Later survey: 1935.

The vertical displacements deduced and shown in the plate are referred to B. M. 6885, the height of which is regarded as have changed by -72.4 mm during the period of successive surveys mentioned above.

Feb., 1936.

The Earthquake Research Institute.

