

39. 掛川, 下諏訪間一等水準線検測成果報告

本所に於るけ一研究遂行の目的を以て, 曩に陸地測量部に依頼し, 掛川—下諏訪間に別圖に示す一等水準線路に沿うて水準測量を行へり.

其の成果を明治 35 年に行はれたる舊測量成果と比較し, 土地の高低變化を求め之を新測量の期日と共に別圖に掲げて参考に供す.

測量成果に必要な諸事項を示せば, 下記の如し.

1. 水準線路延長: 206 キロメートル
2. 測量期 舊: 明治 35 年 (1902)
新: 昭和 8 年 7 月—9 年 2 月 (1933—1934)
3. 高低變動量は掛川に於ける水準點交 141 號の高さを不變として算出せり.

地震研究所
(昭和 9 年 6 月)

39. *Precise Levellings between Kakegawa and Simosawa.*

A distance of 206 kilometers, from Kakegawa northward to Simosawa, was recently levelled by the Military Land Survey at our request, the level line in question being shown in the map in the Plate.

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:

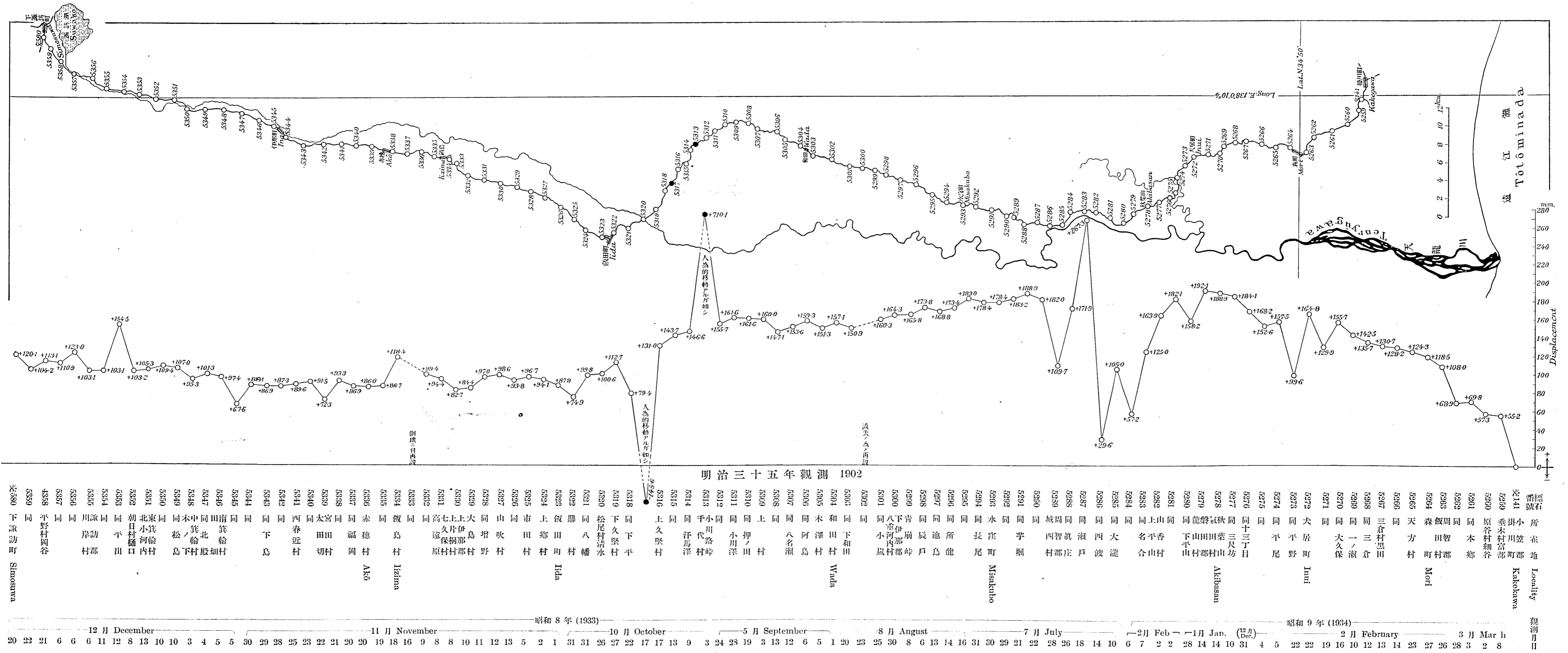
The earlier survey.....1902

The recent survey.....July 1933—February 1934.

The vertical displacements deduced and shown in the Plate are referred to B. M. J-141, the height of which is regarded as unchanged during the period of the successive surveys mentioned above.

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Earthquake Research Institute



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