11. 丹後震災地一二等三角點移動檢測成果第二報告

陸地測量部

1. 本圖は昭和二年東京帝國大學地震研究所の委託に依り一・二等三角測量を實施せる丹後震災地に於ける其後の移動を陸地測量部に於て施行せる復舊三角測量（昭和三年四月下旬より同年九月上旬に至る）の一部の結果と比較せるものにして其計算に於ては條件式等を全く一致せしめたり。

2. 本計算には一等三角點笠形山及此れより六甲山に至る方向並に笠形山、床之尾山間の距離を不動と假定し昭和二年十一月測量の觀測値を用ひ床之尾山及烏ケ岳の變動を計算し之に依りて得たる床之尾山、烏ケ岳の位置を基礎とし震災後の結果を求めたり。

3. 本測量にありては器材、方法等は全く地震研究所委託の場合と同一にして其一中數方向に對する諒必誤差は次の如し。

一中數方向に對する諒必誤差　　0.221 秒

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11. Horizontal Displacements of the Primary and Secondary Triangulation Points, observed after the Earthquake of March 7, 1927, in Tango Districts. The Second Report.

By **Hitoshi OMURA**, Major General,

The Land Survey Department.

1. The map shows the relative horizontal displacements of the triangulation points obtained by the comparison of the results of the pre- and post-seismic measurments, comprizing the results of the later surveys (from Apr. to Sept. 1928) carried out since the previous reports in this Bull., Vol. IV. The same method of reduction is used for all the cases.

2. The coordinates of Kasagatayama, the direction Kasagatayama-Rokkôzan and the distance Kasagatayama-Tokonôyama are assumed unchanged; thence, using the results of the measurements of Nov. 1927, the displacements of Tokonôyama and Karasugadake were obtained. The positions of the last two stations thus obtained are taken as the basis of the present reduction.

3. The instruments and the methods of observations used in the later measurements are the same in the previous ones. The probable error for the mean value of the observed angles is 0″.221 for the last measurement.

Map showing the Horizontal Displacement of the Primary and Secondary Triangulation Points.
observed after the Earthquake of March 7, 1927, in Tango Districts.
(Comprizing the Results of the Latest Fourth Surveys.)

丹後震災地一二等三角點移動要圖（第四回測量）