

Camp 15. Lat. $34^{\circ} 53' 51''$, long. $81^{\circ} 41' 10''$. This camp is identical with Camp 109 of 1897-98-99. The latitude and longitude are taken from that camp.

Camp 19. Lat. $34^{\circ} 50' 34''$, long. $82^{\circ} 19' 10''$. The longitude was determined by chronometer B.

NOTE.—All longitudes in this list are in final G. T. terms, and require a correction of $-2' 30''$ to bring them to Greenwich terms.

In order to expedite the mapping and save the constant corrections to the plane-table sheets through having to adjust the positions of all the camps, the above only were plotted, and the positions of the intermediate camps were taken from the plane-table sheets, after fitting the detail on to the positions of the plotted camps.

Trigonometrical peaks were worked out as far as possible from the various camps. As they were almost all fixed by single triangles, without check, they were only accepted when they agreed fairly well with their positions as shown on the plane-table sheets.

DEHRA DÚN.

J. ECCLES, M.A.

COMPUTATION OF CAPTAIN DEASY'S HEIGHTS, 1896.

As the G. T. peaks on which Captain Deasy's longitudes have been based have not had their heights determined, it was necessary to obtain a fundamental height barometrically, on which to base the height computations.

Captain Deasy while at Leh read his mercurial barometer at Leh station, the height of which is known. He did not, however, compare his barometer with that used at the Meteorological Observatory there, the records of which for 10 a.m. and 4 p.m. daily are available. He states, however, that the situation of the meteorological instrument was within some 15 or 20 feet in height of Leh station, where he read his barometer. I have therefore assumed the two points to be identical. The reading of Captain Deasy's barometer in May was somewhat higher than that of the meteorological instrument, but on his return journey the readings were almost identical.

I have worked out Captain Deasy's heights differentially with Leh, using his readings and those recorded at Leh.

The Leh records are made at 10 a.m. and 4 p.m., while Captain Deasy, on account of the exigencies of marching, observed at 7 a.m. and 9 p.m.