The longitude through Peak 46 is deduced from a bad conditioned triangle, and the observation to Peak 14² has been noted as doubtful ; the longitudes through these two peaks have therefore been rejected, and the mean of the remaining ten has been accepted. All the latitudes excepting those of the rejected two peaks agree within 5″ ; and the latitudes of Peak 56, as computed in two camps, differ by 56″.

Camp 112. Lat. 35° 29′ 59″, long. 81° 52′ 24″. The longitude is computed through Peaks 82, 97 and 42 as below :--

Peak 82 from Camp 109, resulting longitude 81° 52′ 27″

„ 97 „ 110 „ „ 81 52 24

„ 42 „ 110 „ „ 81 52 21

The mean of the three values has been accepted. The latitude comparison shows a maximum difference of 18″.

Camp 100. Lat. 35° 48′ 10″, long. 82° 19′ 8″. The longitude of this camp is computed through Peak 42 of Camp 110 and Peaks 54, 55 and 64 of Camp 112. The four values agreed within 5″ ; the mean has been accepted. The maximum difference in latitudes is 22″.

Camp 99. Lat. 35° 58′ 51″, long. 82° 32′ 5″. The longitude of this camp is computed as follows :--

Through Peak 41 of Camp 100, resulting long. 82° 32′ 1″

„ 42 „ 110 „ 82 32 2

„ 66 „ 100 „ 82 32 8

„ 54 „ 112 „ 82 32 4

„ 64 „ 112 „ 82 32 9

The mean has been accepted. The latitude comparison is very satisfactory.

Camp 98. Lat. 35° 41′ 4″, long. 81° 54′ 1″. The longitude of this camp is computed with the following results :—

Through Peak 42 of Camp 110, resulting long. 81° 53′ 56″

„ 63 „ 100 „ 81 54 2

„ 51 „ 112 „ 81 54 30

„ 54 „ 112 „ 81 54 0

„ 55 „ 112 „ 81 54 4

The longitude through Peak 51, being discordant, is rejected. The mean of the other four values has been accepted.

Camp 93. Lat. 35° 40′ 2″, long. 82° 10′ 28″. The longitude of this camp is computed through Peaks 42 of Camp 110, 63 of Camp 100, and 55 and 64 of Camp 112. The maximum difference in longitude between the four values is 45″. The mean has been accepted. The latitude comparison is satisfactory.