

Meall a'Bhealaich (4B)

Report of summit survey carried out by Alan Dawson on 23 April 2012

1. Introduction

The purpose of this survey was to measure the height and drop of Meall a'Bhealaich, to determine whether it has the 100 metres prominence required to be a Hump. The summit is consistently shown as 865m on OS maps, but the col is shown as 768m on some maps, 765m on others. Heights were measured using a Leica Geosystems 1250 GPS receiver, with antenna on a one-metre pole, and subsequent processing by John Barnard using OS Rinex data to obtain precise measurements. Conditions for the survey were mixed: generally clear skies, light wind and good visibility, but with occasional snow showers.

2. Summit survey

The summit of Meall a'Bhealaich is about 4km east from Corrour Lodge, at the east end of Loch Ossian. The extensive summit area is flat and grassy, with several small stones protruding through the grass. The summit survey point was located next to a sharply pointed stone on the summit plateau, with the pole for the antenna embedded next to the stone, meaning that 0.5m needed to be added to the processed data to give the actual summit height. Results:

Meall a'Bhealaich summit: 30 minutes at NN 45235 69490, height 865.24m

On this occasion the summit data did not process well, with only two of the eight base stations being processed. However, the resulting height does match exactly the height recorded on OS maps.

3. Col survey

The col between Meall a'Bhealaich and Beinn a'Chumhainn is on a pleasant broad ridge. It was relatively easy to identify an appropriate point for the survey, next to a faint path between the two hills. Results:

Meall a'Bhealaich col: 30 minutes at NN 45542 70125, height 767.80m

4. Summary and conclusions

Hill:	Meall a'Bhealaich, section 4B
Categories:	Subhump, Sim
Summit:	865.2m at NN 45235 69490
Col:	767.8m at NN 45542 70125
Drop:	97.4m

The drop from Meall a'Bhealaich is 97.4m, confirming that it does not qualify as a Hump.



Meall a'Bhealaich from the slopes of Beinn a'Chumhainn. The highest point is on the right of the picture.

Survey point on the summit plateau of Meall a'Bhealaich, with Sgor Gaibhre and Sgor Choinnich behind.

