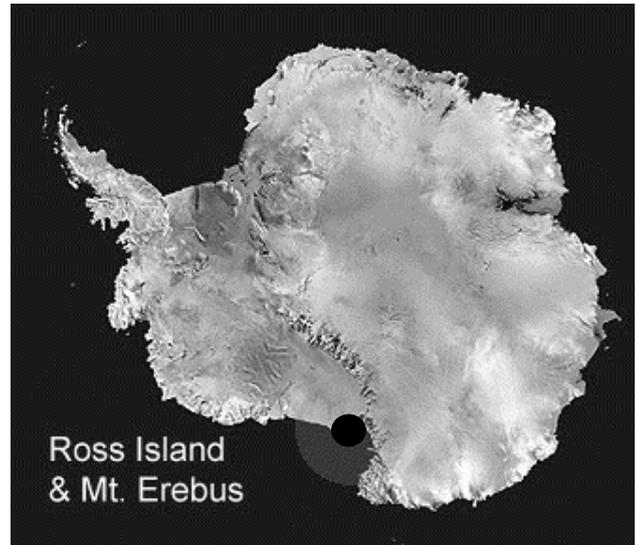


Ross Island and Mount Erebus Antarctica



- 1 Which hut is furthest north?

- 2 What direction would you travel to reach Marble Point Heliport from the Cape Royds Hut?

- 3 How far would you have to go? _____
- 4 What is the nearest line of longitude to the top of Mt. Erebus?

- 5 What latitude is the Cape Crozier Hut on? _____
- 6 What is the Ferrar Glacier made of? Does it flow towards or away from McMurdo Sound? _____
- 7 How long is the Erebus Ice Tongue? Why doesn't it get any longer?

- 8 The journey from Cape Evans Hut to McMurdo Station is much easier in the winter than summer, why? What are all the reasons it is harder in summer?

- 9 Describe Ross Island as fully as you can, use these words in your description.

volcano, historical-huts, glacier, modern-base, mountainous, ice

Answers - Ross Island and Mount Erebus Antarctica

1. Cape Crozier Hut – 1 mark
2. West – 1 mark
3. 65km / 40 miles \pm 10/7 – 1 mark
4. 167° E – 1 mark
5. 77° 30' S – 1 mark
6. Ice - 1 mark; Towards – 1 mark
7. 15km / 9 miles \pm 5/3 – 1 mark

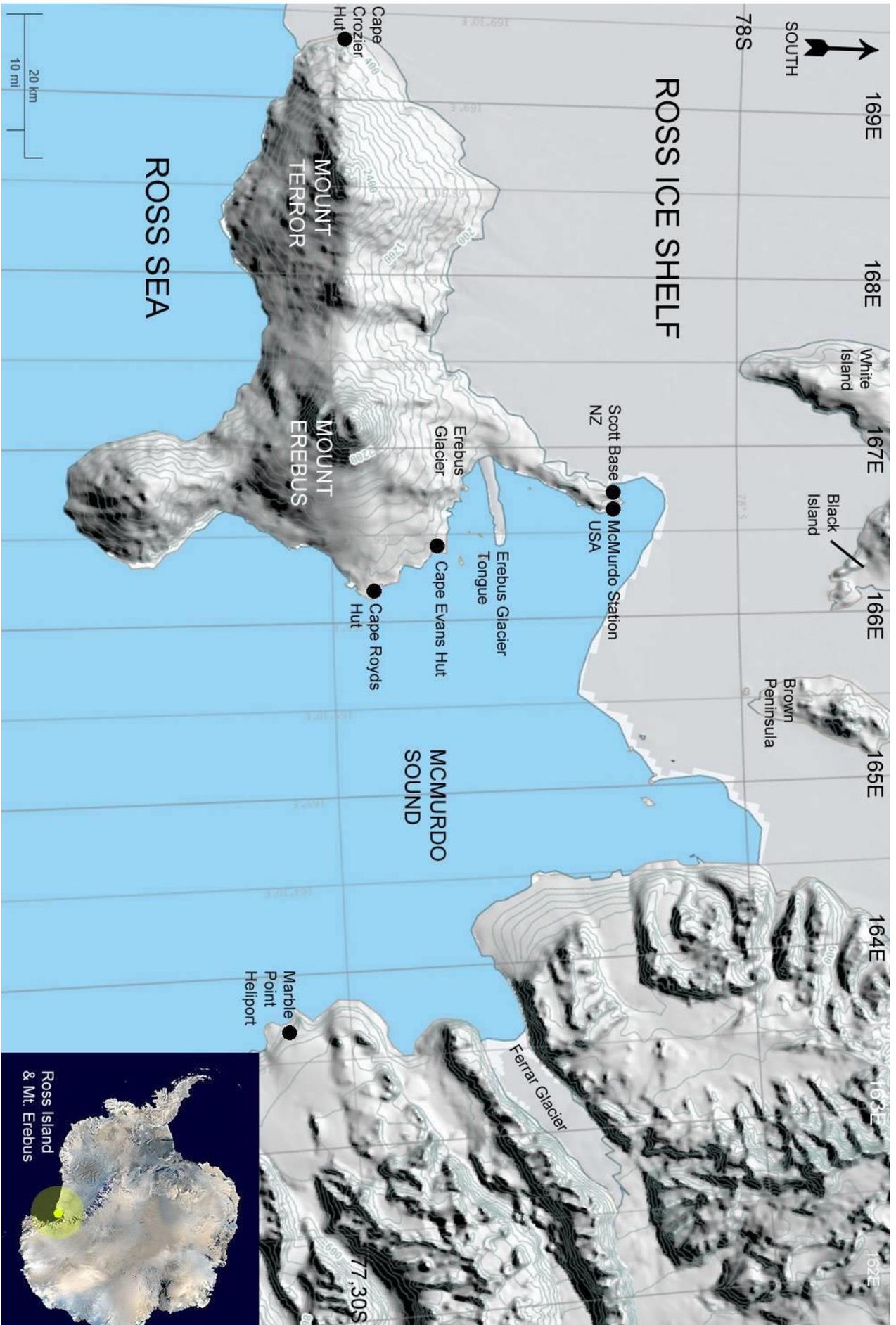
8. No sea-ice in summer – 1 mark;
Have to go over land – 1 – mark;
Crossing glacier – 1 mark;
Avoiding crevasses – 1 mark;
Steep slopes – 1 mark;
Climbing, gaining & losing height, idea of – 1 mark;
Winter can go on flat sea-ice – 1 mark

9. Very mountainous, made of (4) volcanoes – 1 mark;
Erebus still active – 1 mark;
Mainly covered in glaciers – 1 mark:
Such as Erebus Glacier – 1 mark:
2 modern bases – 1 mark;
3 historical bases – 1 mark;
Connected permanently to Ross Ice Shelf – 1 mark;
McMurdo Sound frozen in winter, open sea in summer – 1 mark
 $\frac{1}{2}$ mark for appropriately using each of given words.
Other relevant non-repeated observations – 1 bonus mark each.

Total 1-7 - 7 marks.

Q. 8 = 5 marks

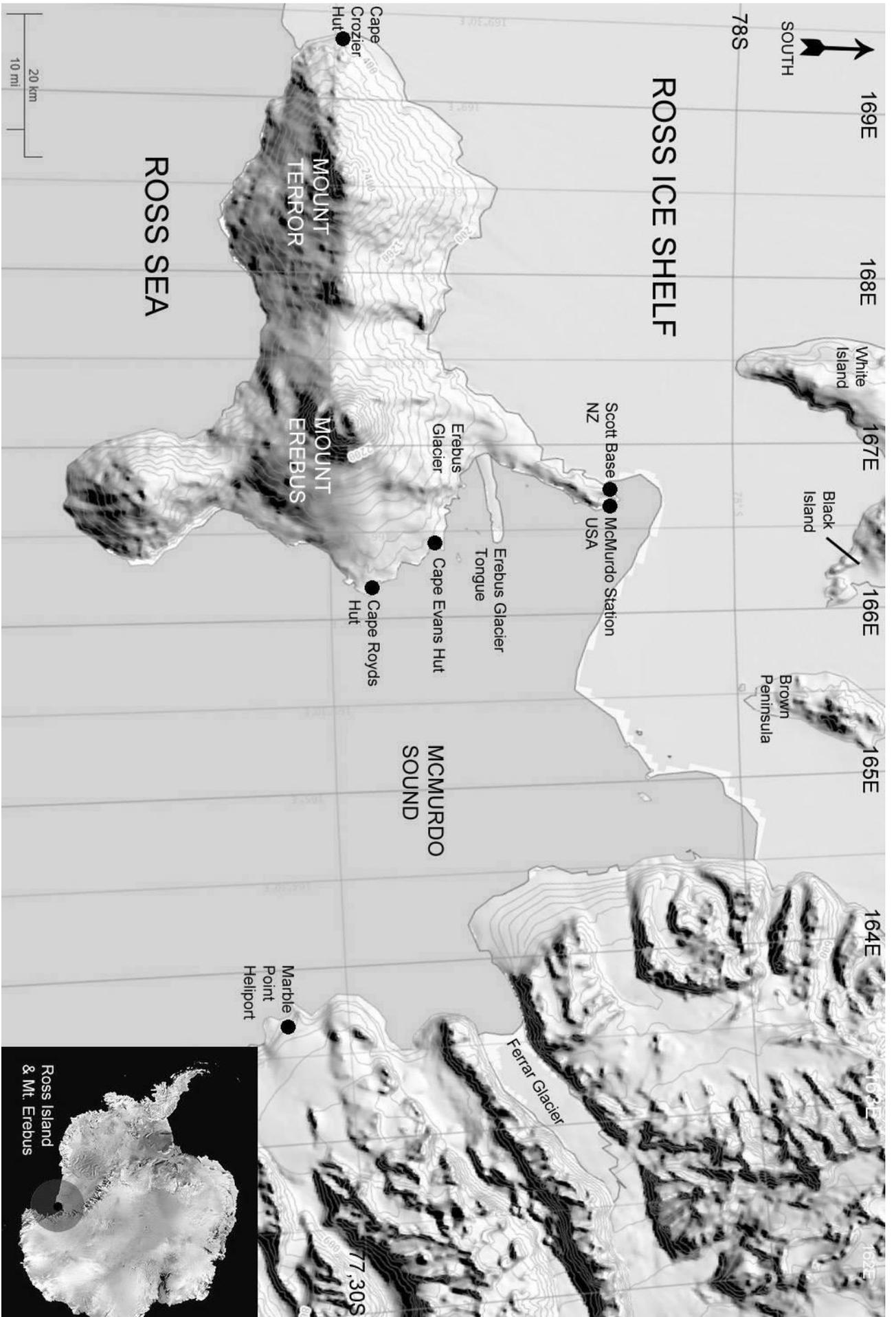
Q.9 = 10 + bonus marks



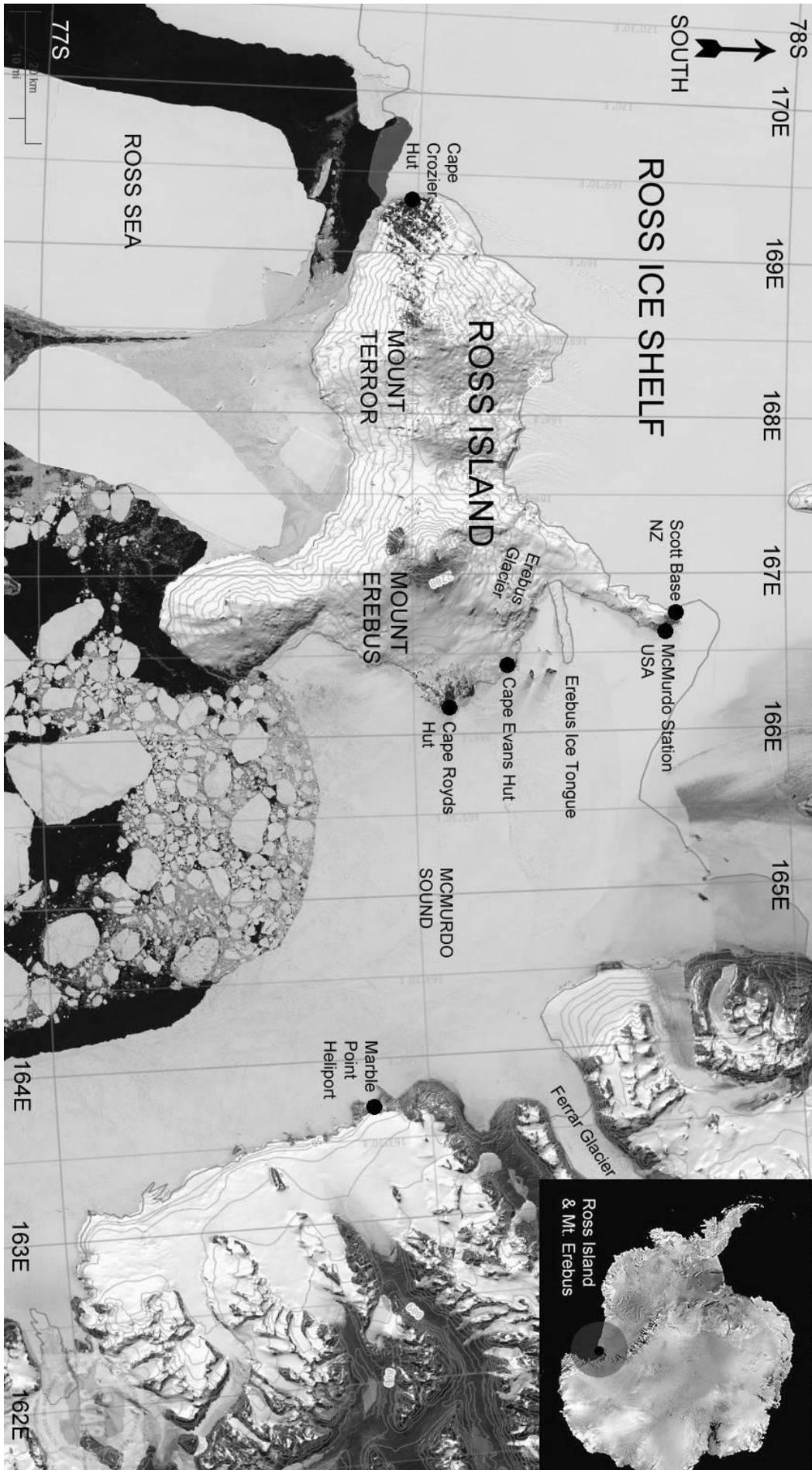
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