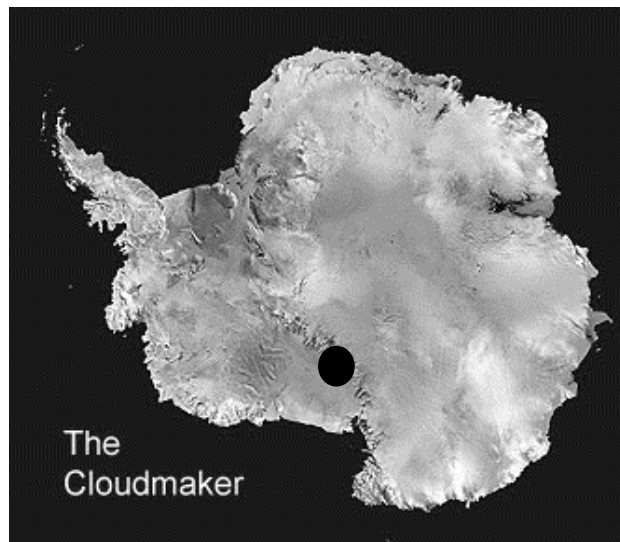


# Cloudmaker Mountain and Beardmore Glacier Antarctica



1 How high is the top of the Cloudmaker above the Beardmore Glacier? Show how you work this out \_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_

2 Describe the slope from the top of the Cloudmaker down to the glacier \_\_\_\_\_

\_\_\_\_\_

3 If you went from the peak of the Cloudmaker to the spot height at 2660m (under the "H" of Hewson) how much height would you lose and then gain?

\_\_\_\_\_

4 Describe the area behind the Cloudmaker away from the glacier as fully as you can \_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_

5 Why are there so many crevasses in the glacier? \_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

6 What is the name of the highest mountain on the map? How high is it and how much higher is this than the Cloudmaker?

\_\_\_\_\_

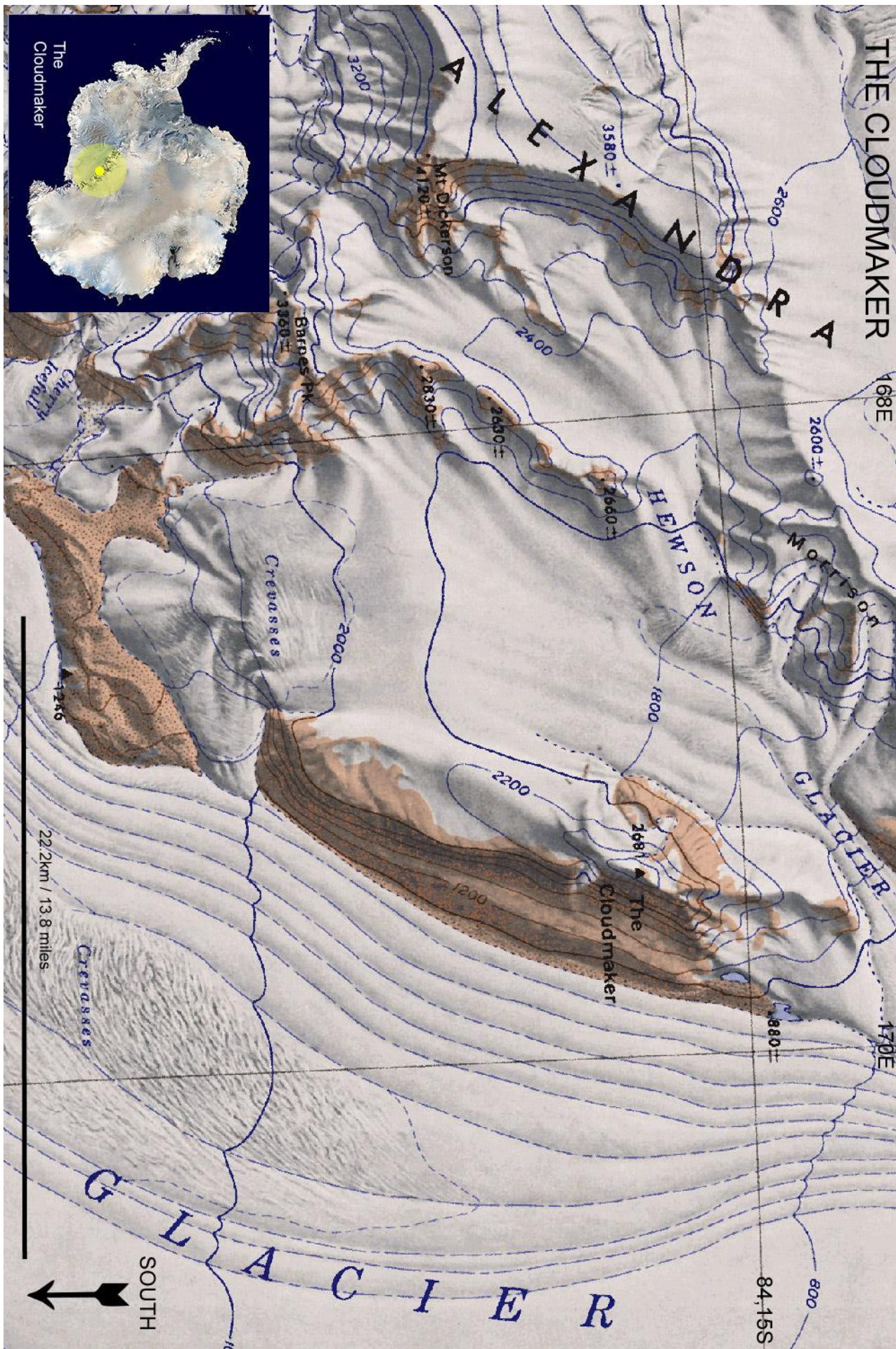
7 How far is it approximately from the Cloudmaker to Barnes Peak? In km distance and m in height difference.

\_\_\_\_\_

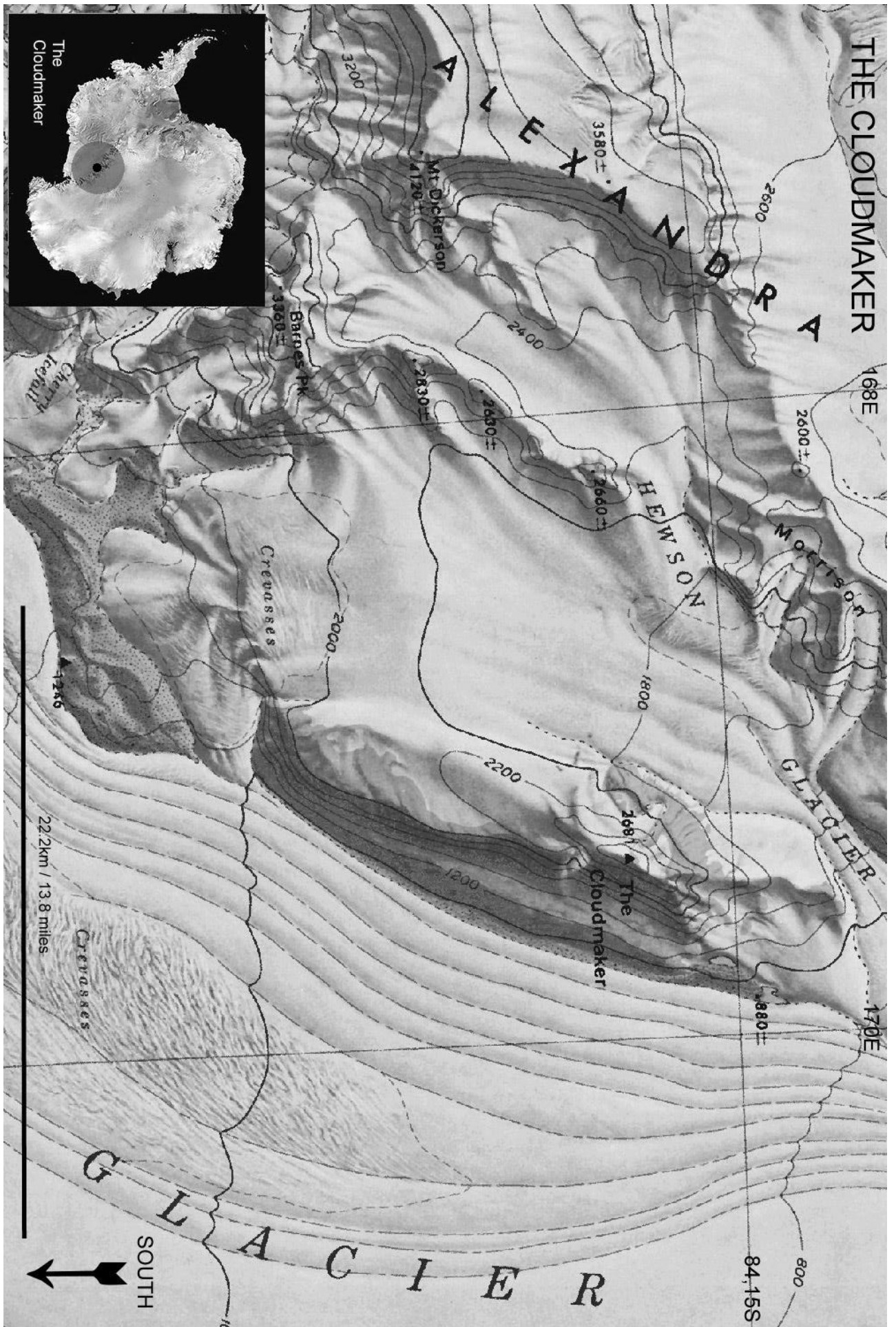
## Answers - Cloudmaker Mountain and Beardmore Glacier Antarctica

- 1 1681m  $\pm$  200m – 1 mark; Spot height 2681m – 800m or 1000m contour on glacier. – 1 mark
- 2 Very steep – 1 mark. Rocky / little or no snow/ice – 1 mark
- 3 Lose 881m (2681 spot – 1800 contour) – 1 mark, Gain 860m (1800 contour – 2660 spot) – 1 mark.
- 4 Flat/plateau, idea of – 1 mark; High – 1 mark; More mountains/peaks – 1 mark;
- 5 Glacier is ice – 1 mark;  
Ice is solid/inflexible – 1 mark;  
Glacier floor/under-ice is not flat/smooth – 1 mark;  
Glacier moves/flows – 1 mark;  
Over bumps/unevenness, idea of – 1 mark;  
This cracks the ice and causes crevasses – 1 mark.
- 6 Mount Dickerson – 1 mark; 1439m (4120-2681) – 1 mark.
- 7 21  $\pm$  4km – 1 mark; 679m – 1 mark.

Total = 19 marks



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