



**A-level
GEOGRAPHY**

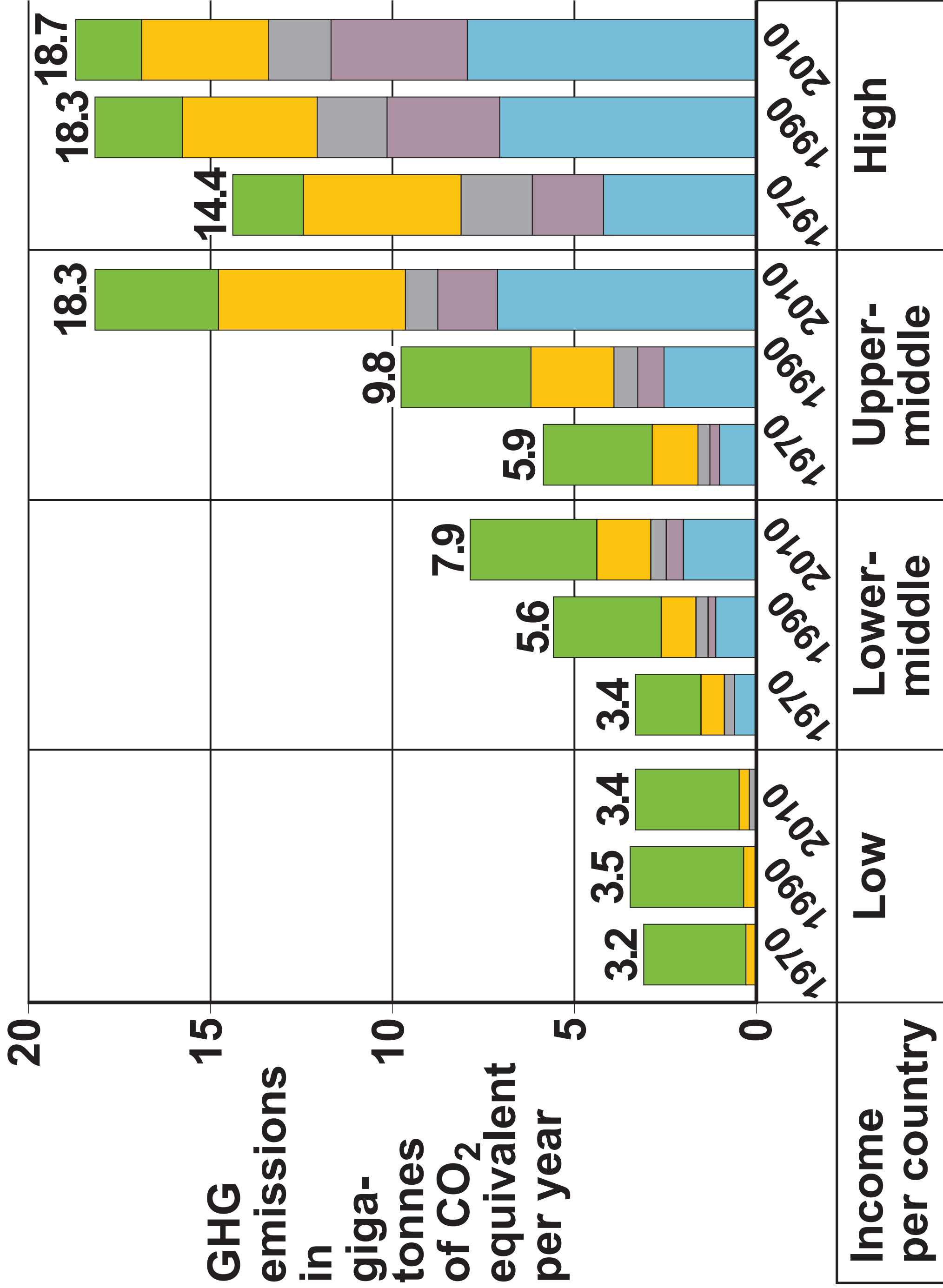
Paper 1 Physical Geography

7037/1

Insert

[Turn over]

FIGURE 1



KEY

 **Agriculture and forestry**

 **Industry**

 **Commercial and residential buildings**

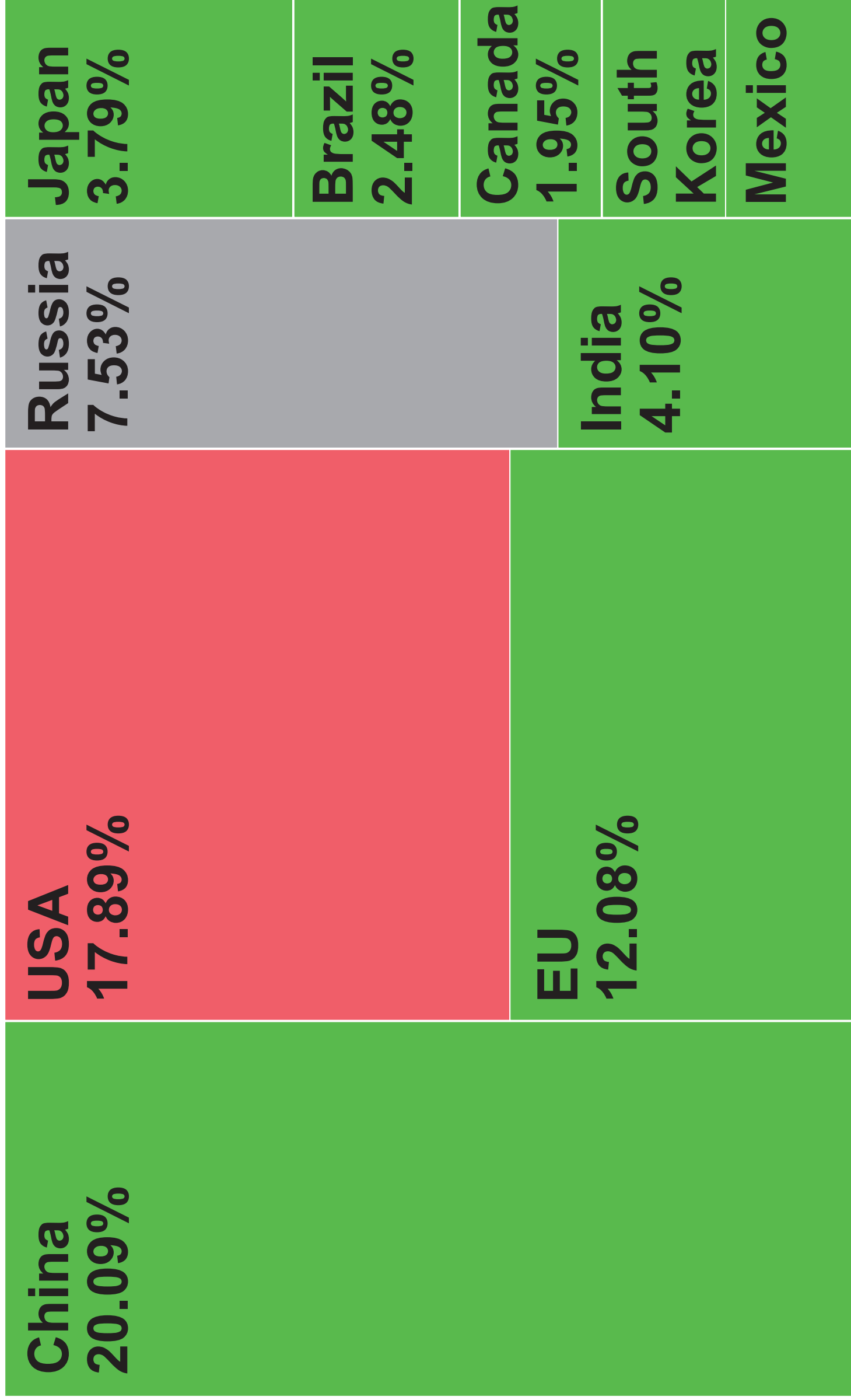
 **Transport**

 **Energy production**

[Turn over]

FIGURE 2 – For use with Question 1

**Top 10 greenhouse gas emitters
(70% of all emissions)**



KEY

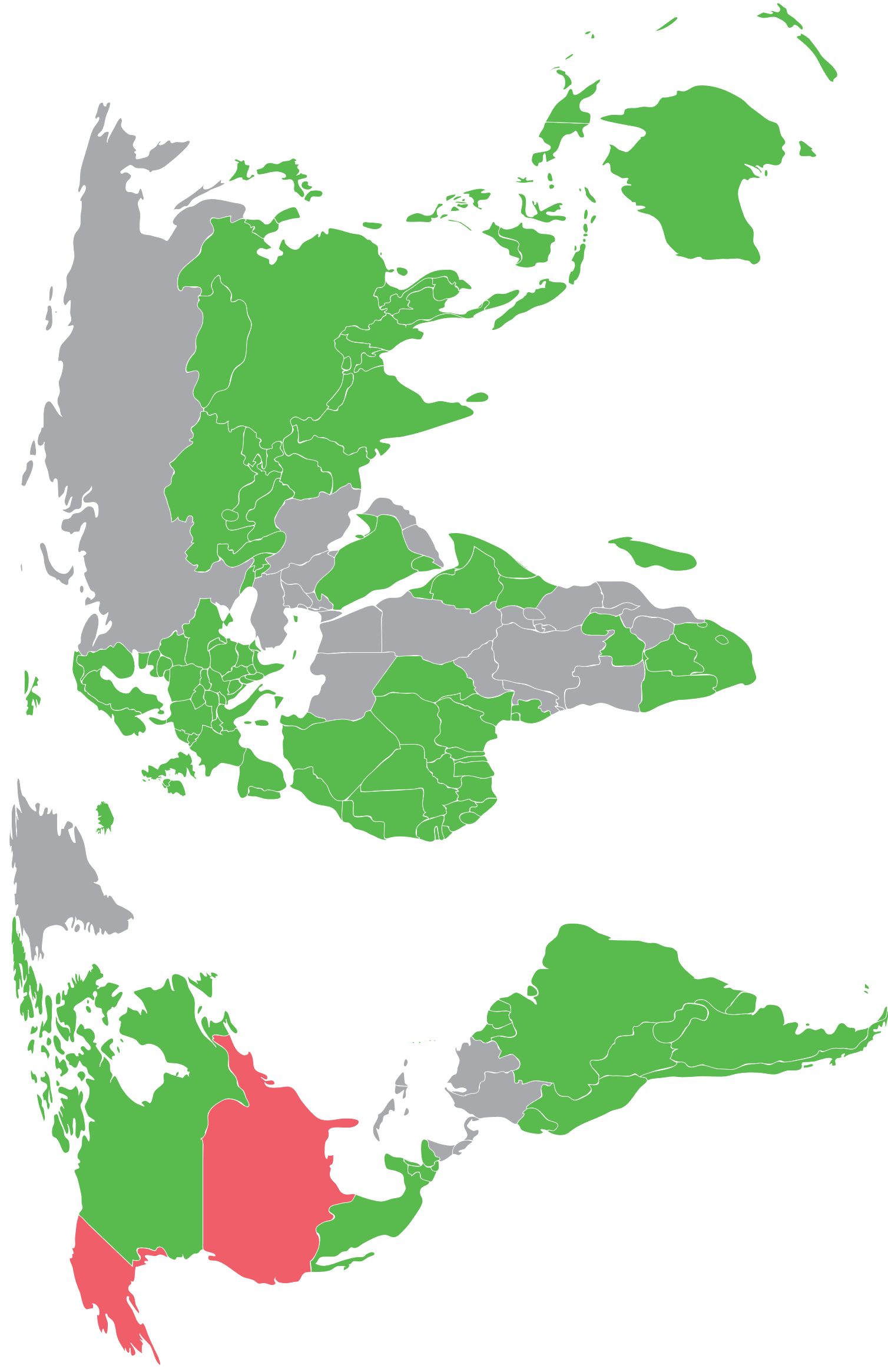
 **Countries ratified**

 **Countries ratified but may leave**

 **Countries not ratified**

[Turn over]

Countries which had ratified the Paris Accord, May 2017



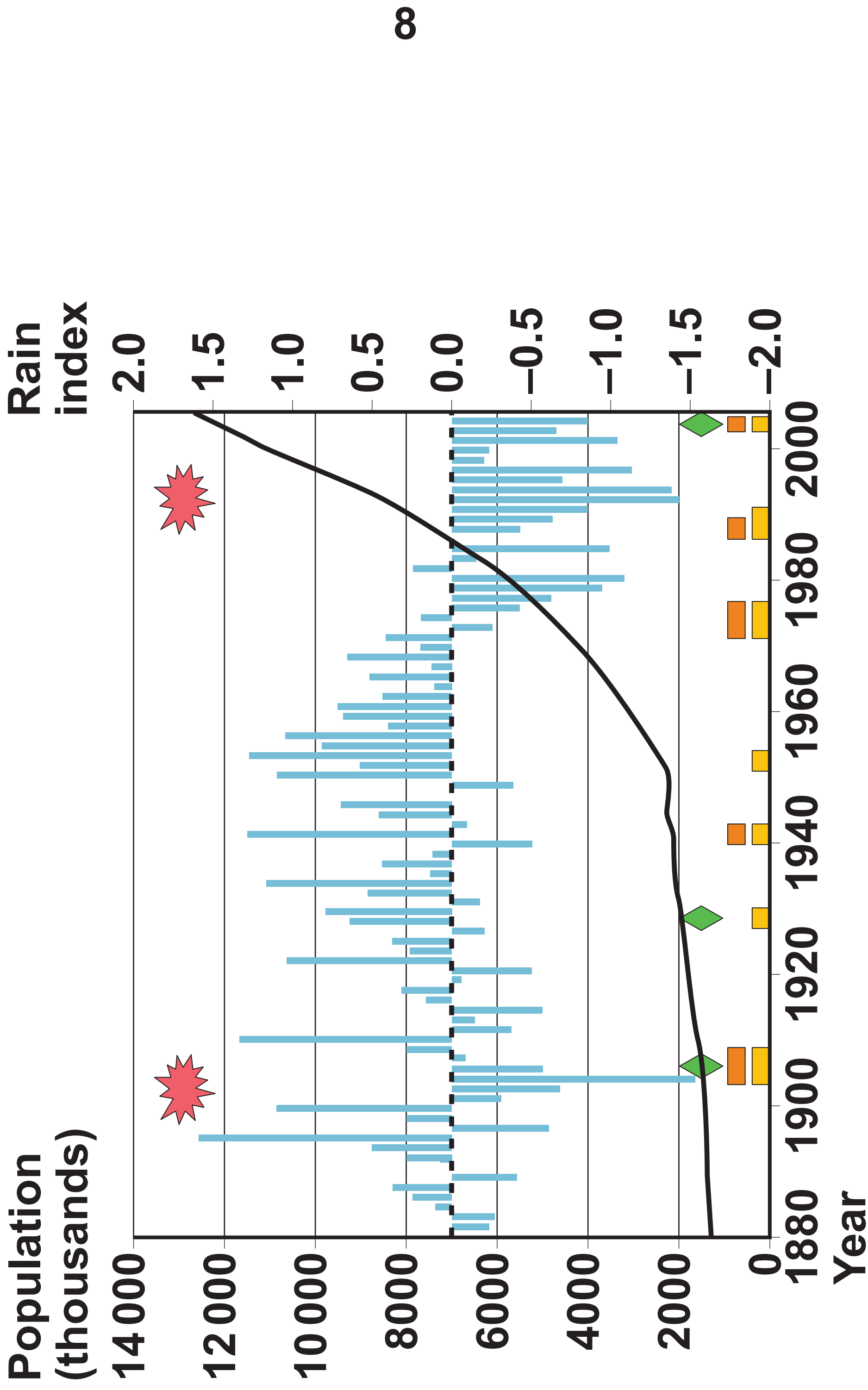
Paris Accord 12 December 2015

- **The aim is to limit global warming to below 2 °C**
- **197 parties to agreement**

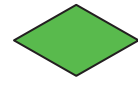
Note: Ratification of the Paris Accord makes it legally binding

[Turn over]

FIGURE 3 – For use with Question 2



KEY

 Locust outbreak

 Civil unrest

— Total population

- - - - Mean rainfall,
1896 – 2000

 Drought

 Famine

 Rain index

(the relative
amount of
rainfall

measured

against

average

for the

Sahel region)

[Turn over]

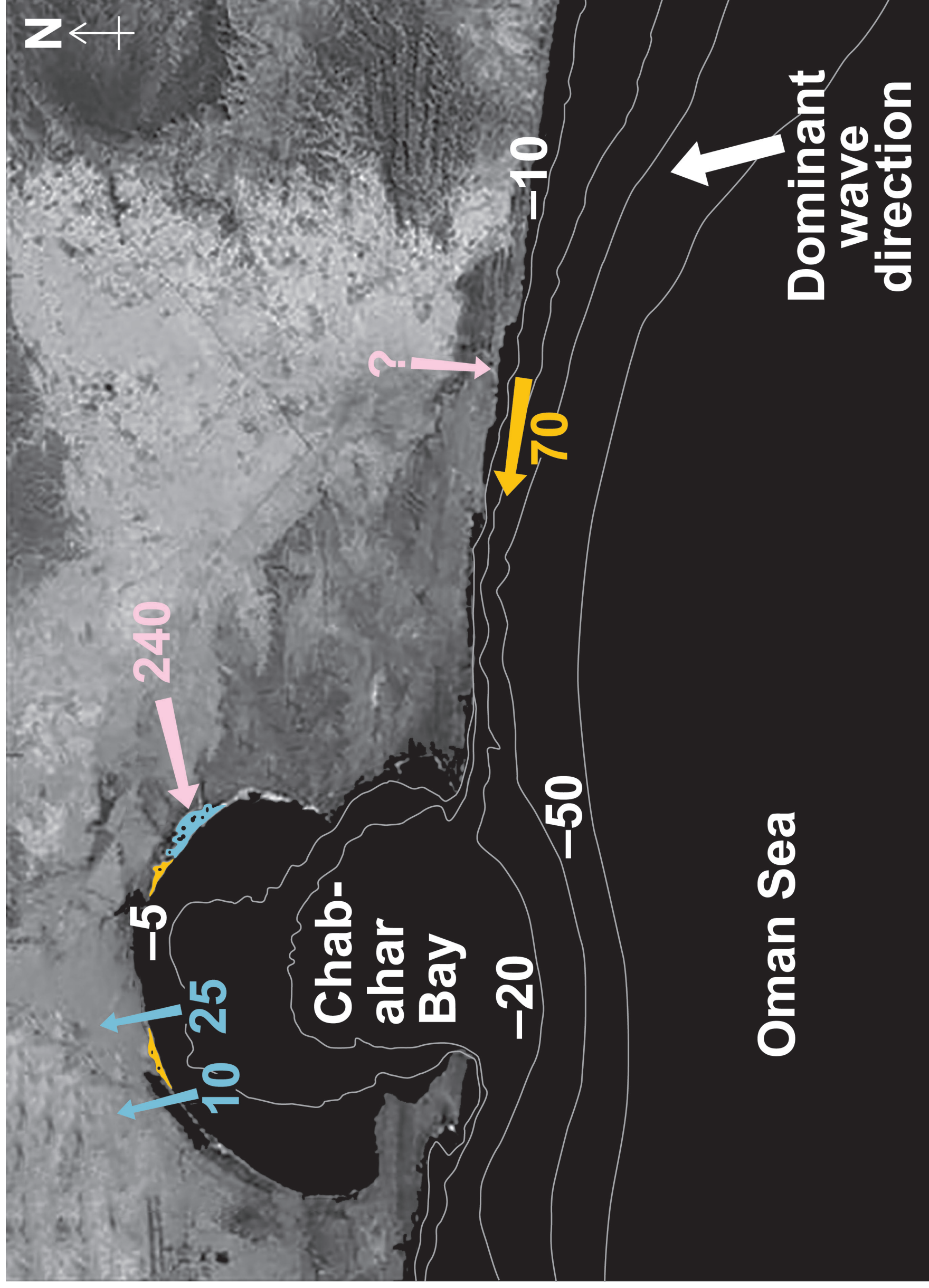
FIGURE 4 – For use with Question 2



Note: This landscape features river and lake sand and mud beds (primarily silt, sand, clay and some gravel) which were formed, but not completely consolidated, towards the end of the last ice age.

[Turn over]

FIGURE 5 – For use with Question 3



KEY

 Erosion area

 Deposition area

? No data

 -50

Depth of water
(m below sea level)

 River sediment

 Loss by wind

 Longshore transfer

Volumes in
1000 m³/yr

0 5 10 km



[Turn over]

FIGURE 6a – For use with Question 3

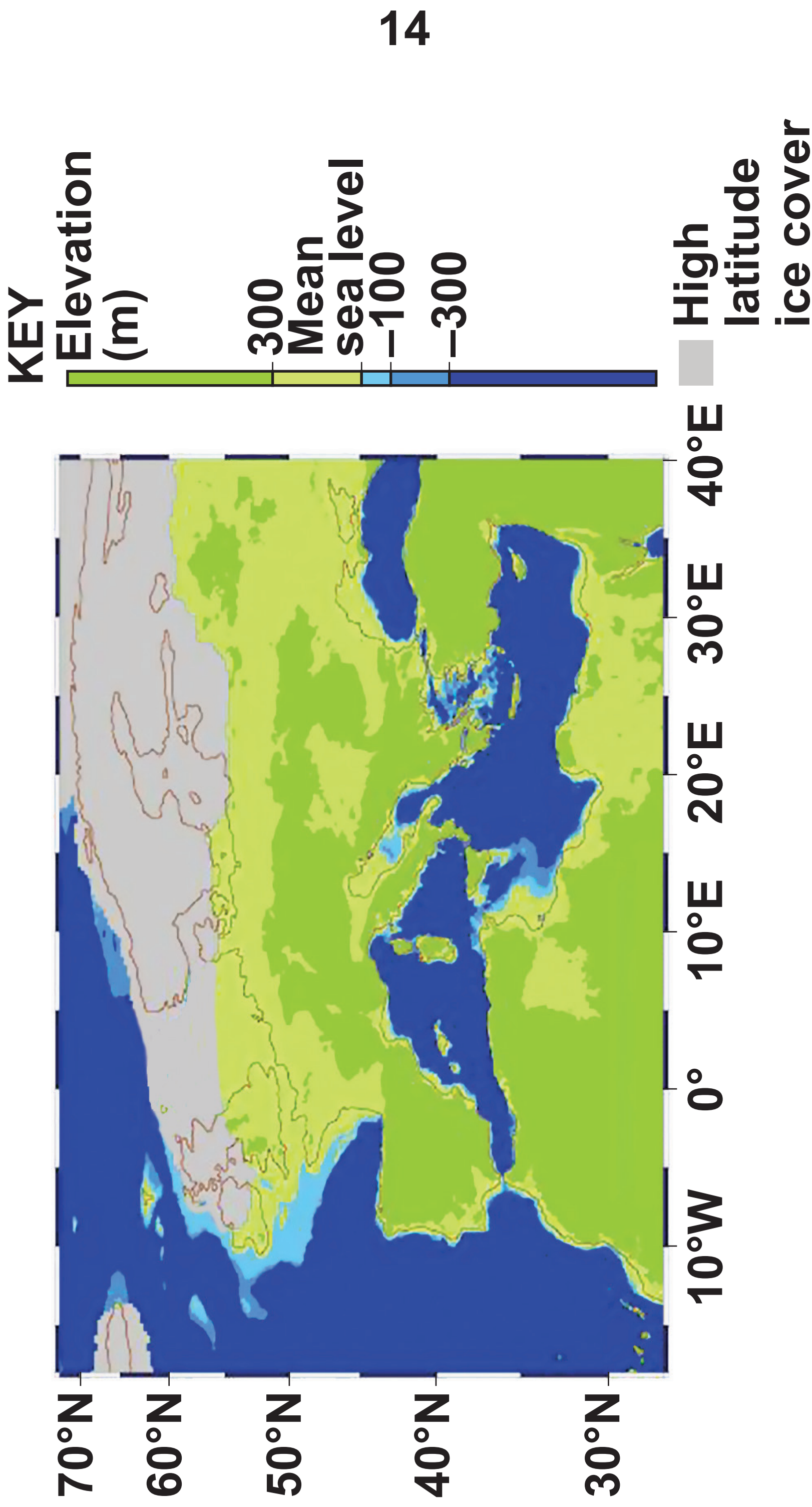
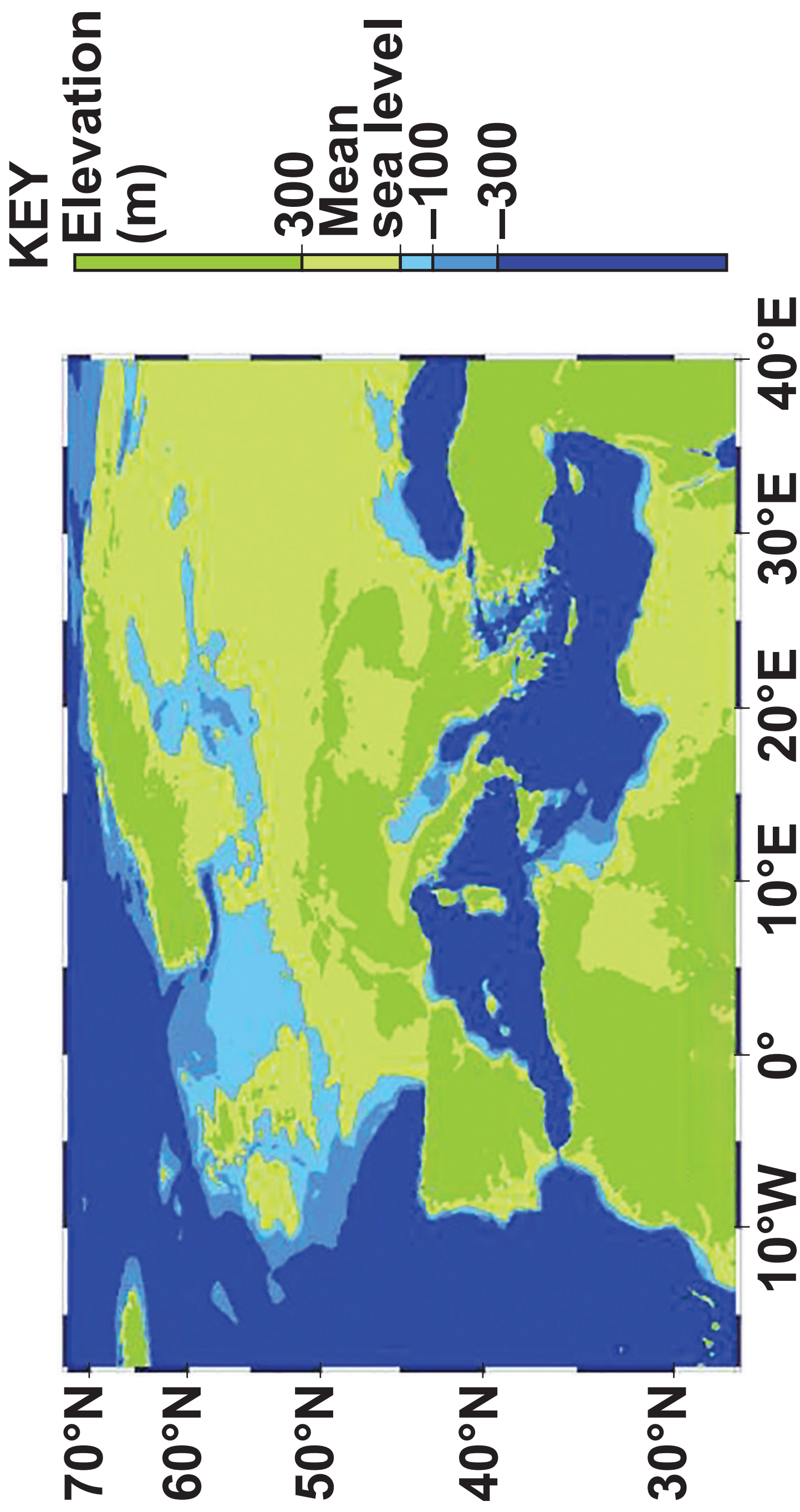


FIGURE 6b – For use with Question 3



15

[Turn over]

FIGURE 7 – For use with Question 4

Graph of ground temperatures cannot be reproduced here due to third-party copyright restrictions.

KEY

Depth:

— 0.25 m — 1.50 m — 4.00 m — 19.00 m
— 0.75 m — 2.50 m — 10.00 m

S = September

D = December

M = March

J = June

[Turn over]

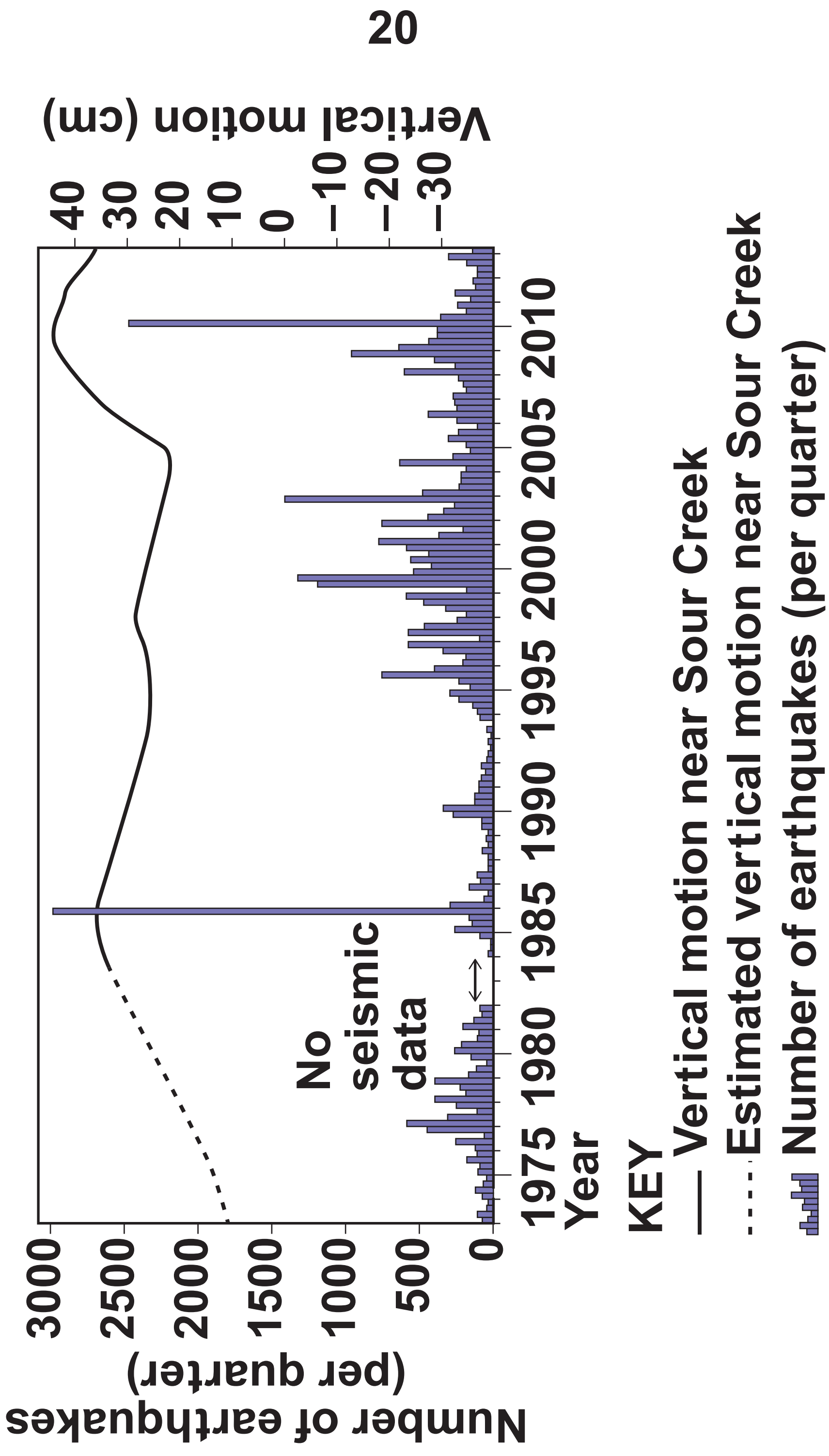
FIGURE 8 – For use with Question 4



Note: The Thompson Glacier emanates from the Mueller Ice Cap and is about 34 km long and 3 km wide in the ablation area. It is aligned almost precisely in a north–south direction. It advanced about 18 metres per year in the 1960s and 1970s. The rate of advance has decelerated since and was in the order of 11 metres per year in the period from 1977 to 2008.

[Turn over]

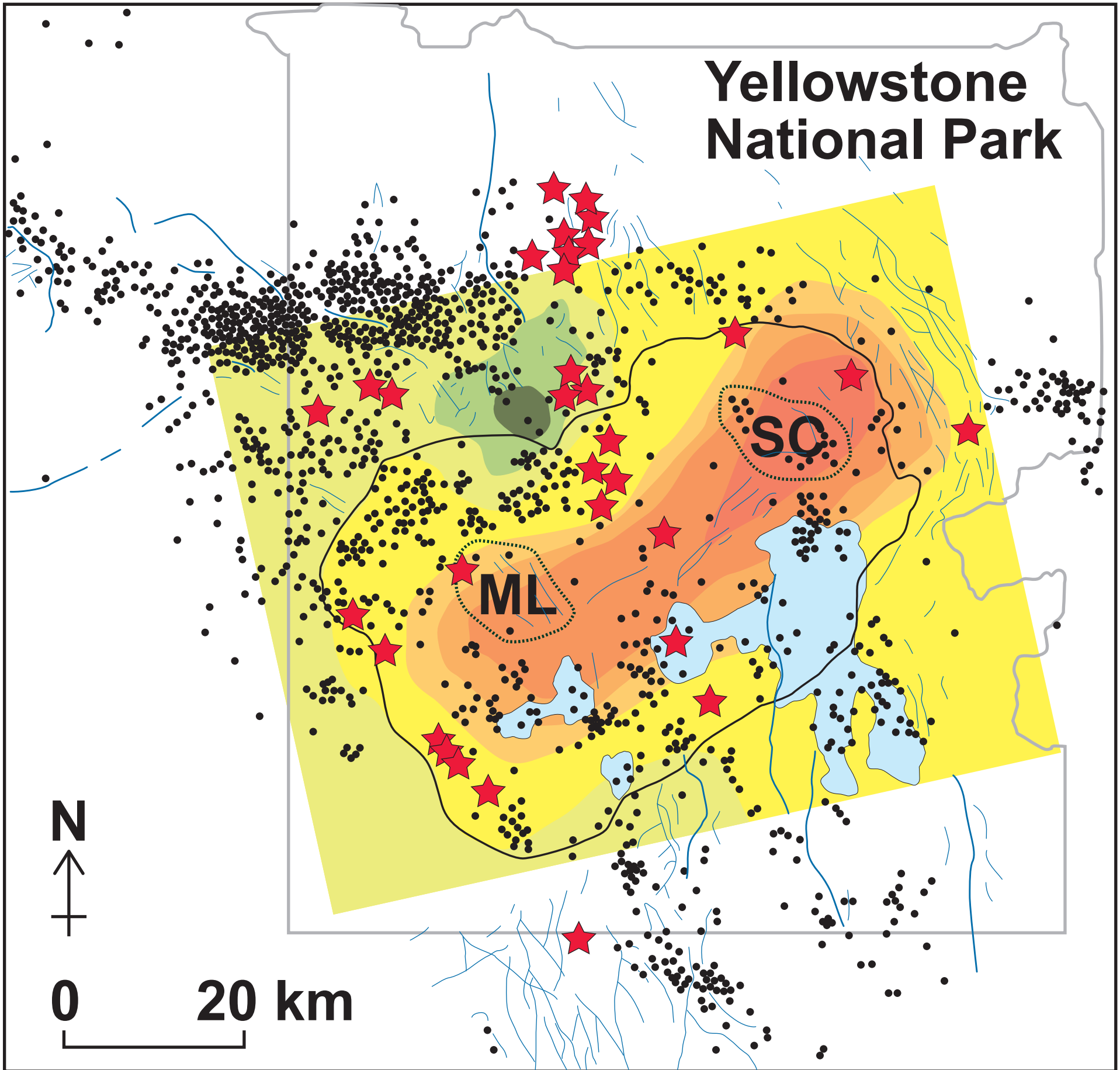
FIGURE 9 – For use with Question 5



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FIGURE 10 – For use with Question 5



KEY

★ Volcanic vent

● Earthquake

○ Caldera

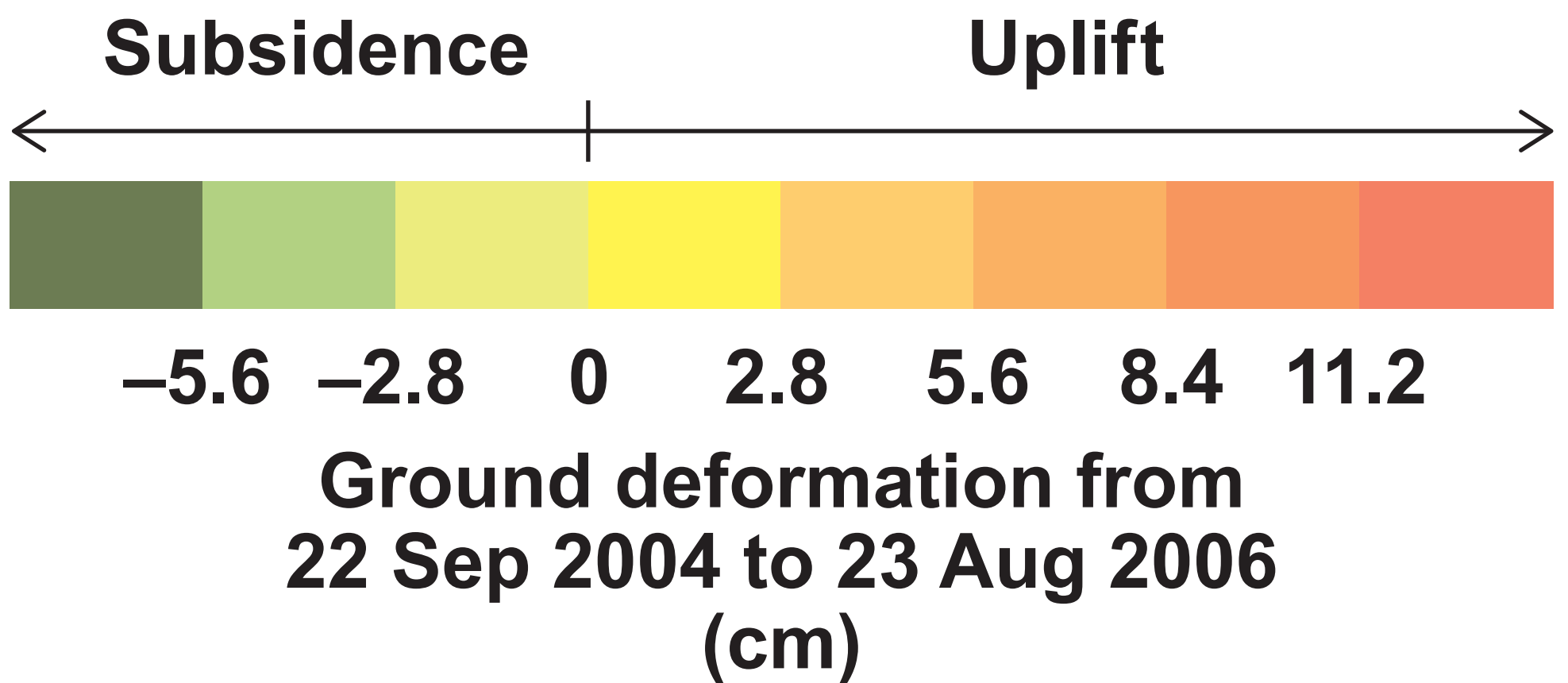
— Major fault

— Other fault

☁ Lake

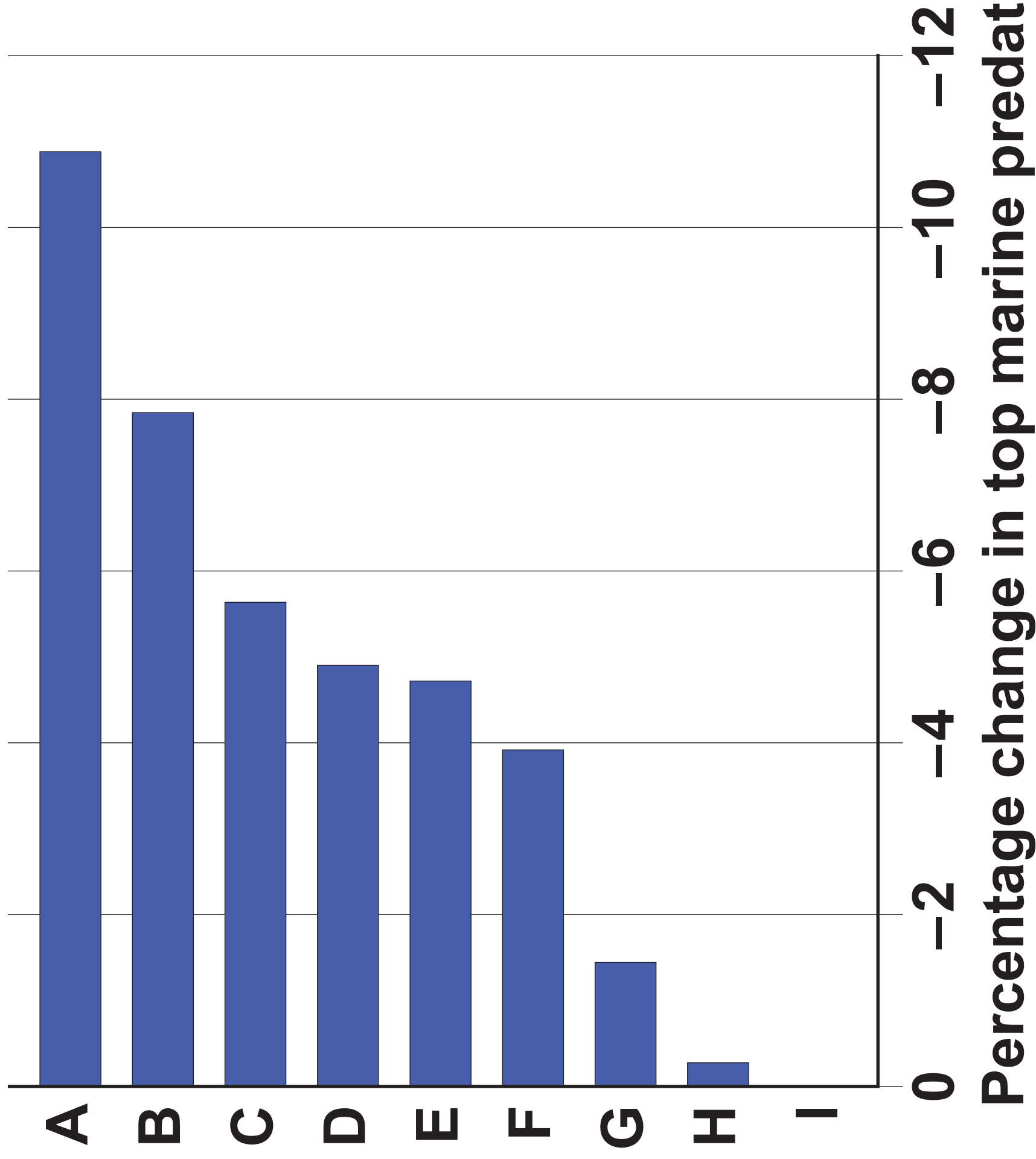
ML Mallard Lake resurgent dome

SC Sour Creek resurgent dome



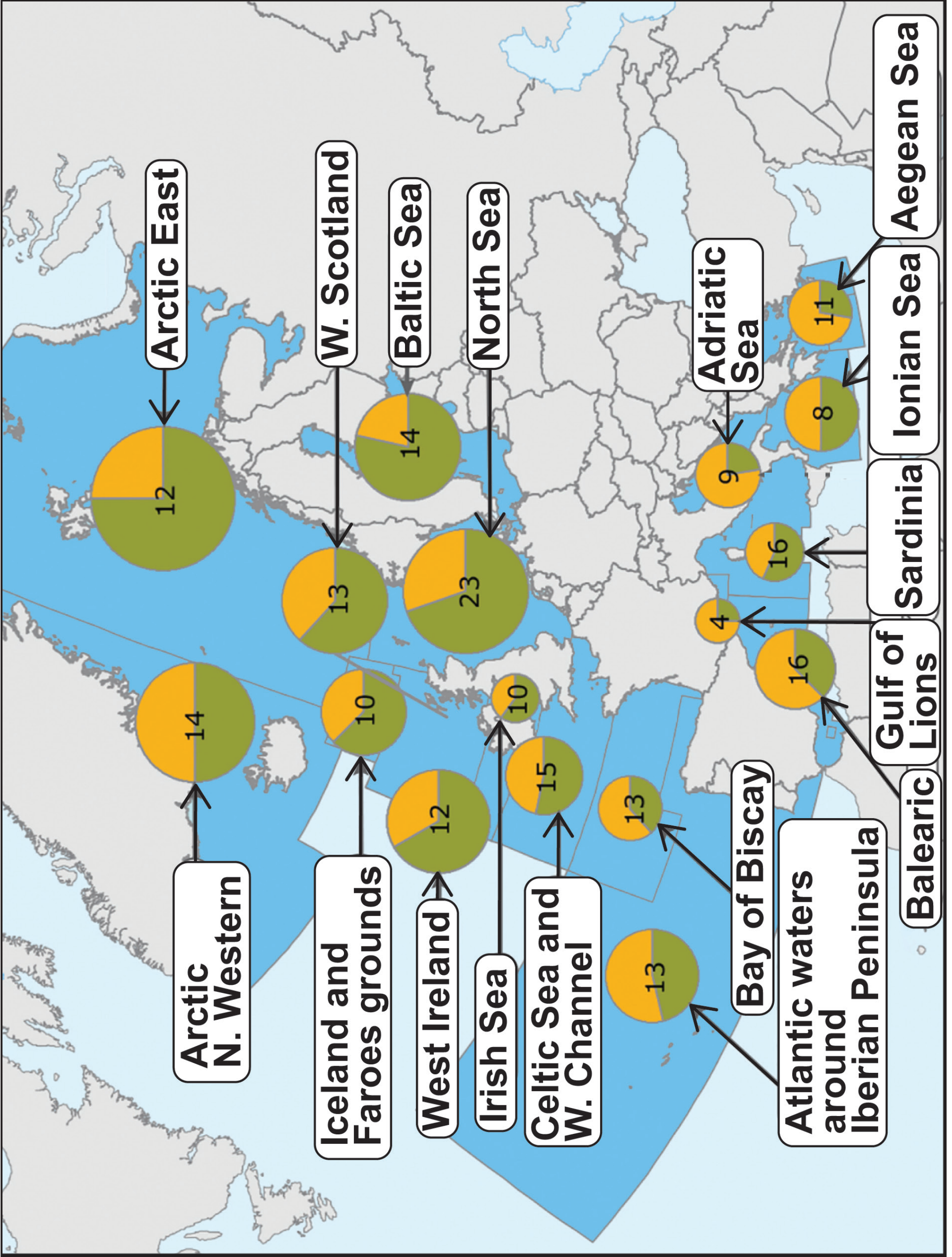
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FIGURE 11 – For use with Question 6

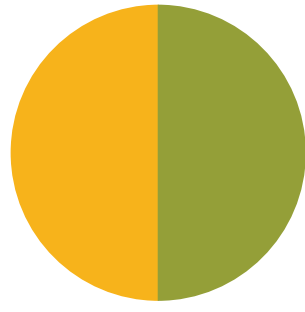


- A = Baltic Sea**
 - B = Iceland and Faroes grounds**
 - C = Arctic North Western**
 - D = Celtic Sea and West Channel/Bay of Biscay**
 - E = North Sea**
 - F = Arctic East**
 - G = Atlantic waters around Iberian Peninsula**
 - H = Western Scotland**
 - I = Mediterranean Sea**
- [Turn over]**

FIGURE 12



Proportion of stocks within and outside safe biological limits, 2008



Total number of assessed fish stocks

Overfished stocks

Fishing regions

Commercial stocks within 'safe' limits

Note: The size of each circle is proportional to the magnitude of the regional catch. The numbers in the circles indicate the number of stocks assessed within the given region.

END OF FIGURES

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