



Oxford Cambridge and RSA

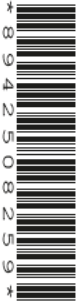
Friday 27 May 2022 – Morning

AS Level Geography

H081/02 Geographical debates

Resource Booklet

Time allowed: 1 hour 30 minutes



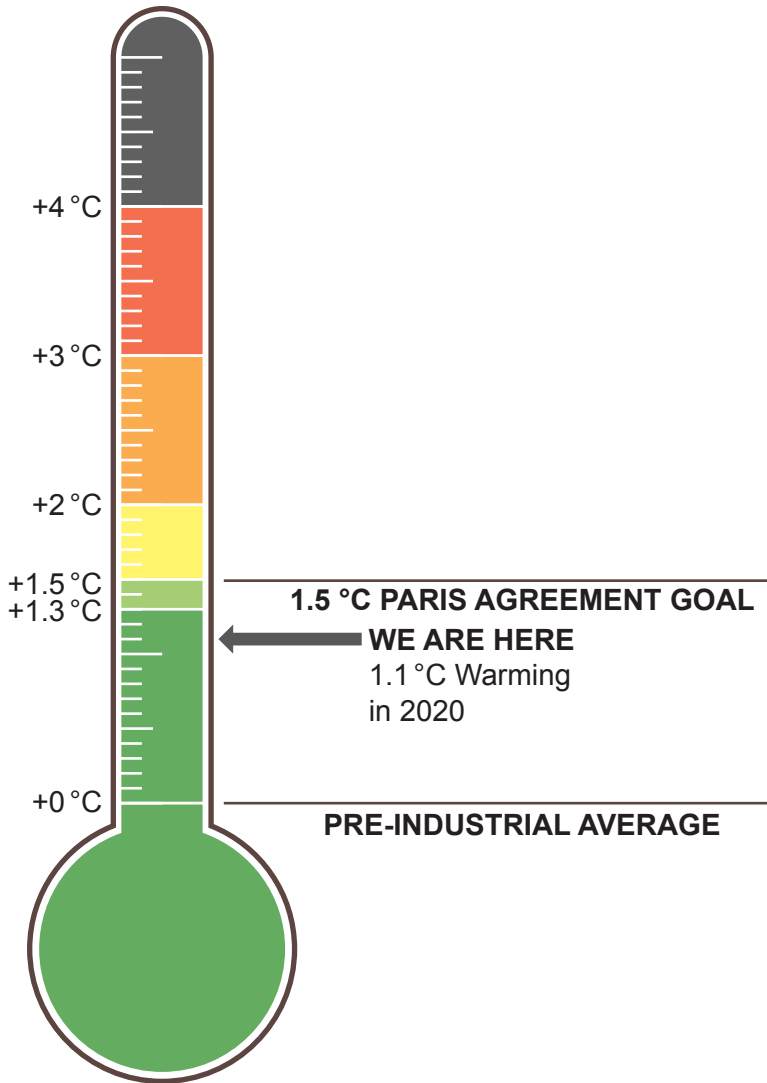
INSTRUCTIONS

- Do **not** send this Resource Booklet for marking. Keep it in the centre or recycle it.

INFORMATION

- This document has **12** pages.

Fig. 1 – *Projected global temperature increase by 2100



Range of projected temperature increases	Pledges & Targets	Current Policies	Optimistic Targets
Maximum	+3.3°C	+3.9°C	+2.7°C
Median	+2.6°C	+2.9°C	+2.1°C
Minimum	+2.1°C	+2.1°C	+1.7°C

*Projected temperatures are maximum, median and minimum outcomes of climate modelling carried out by the Intergovernmental Panel on Climate Change.

Figures accurate as of December 2020.

Fig. 2 – Estimated prevalence of malaria infection during pregnancy in sub-Saharan Africa, 2018

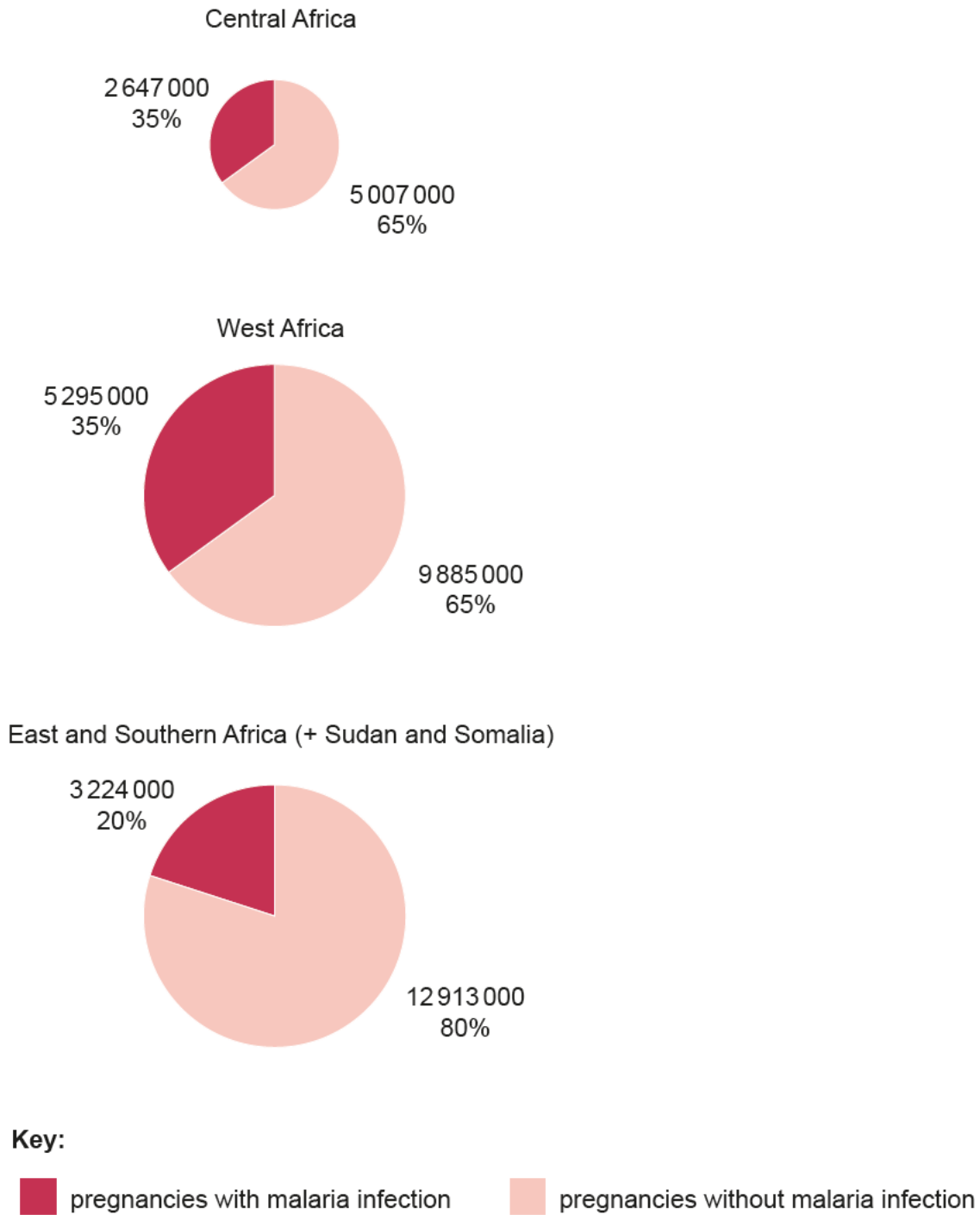


Fig. 3 – Extent of Arctic sea ice in 1980 and 2019



Key:

Extent of Arctic Sea Ice (September minimum):



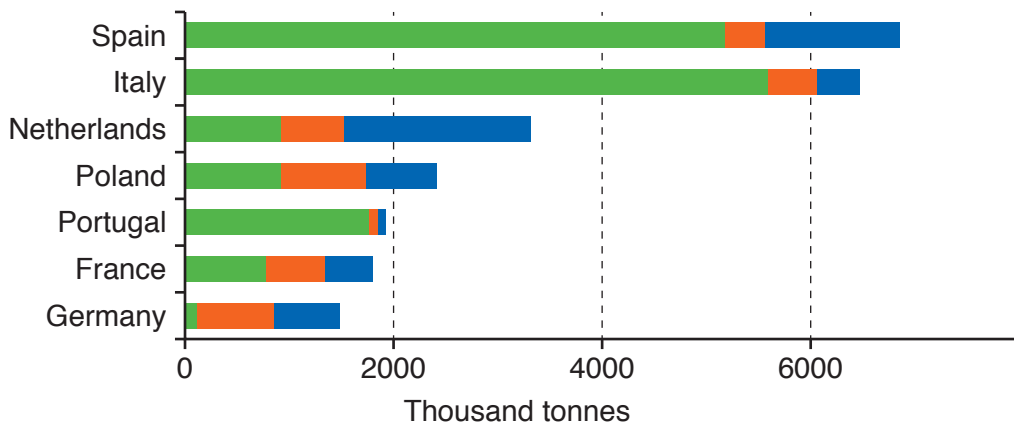
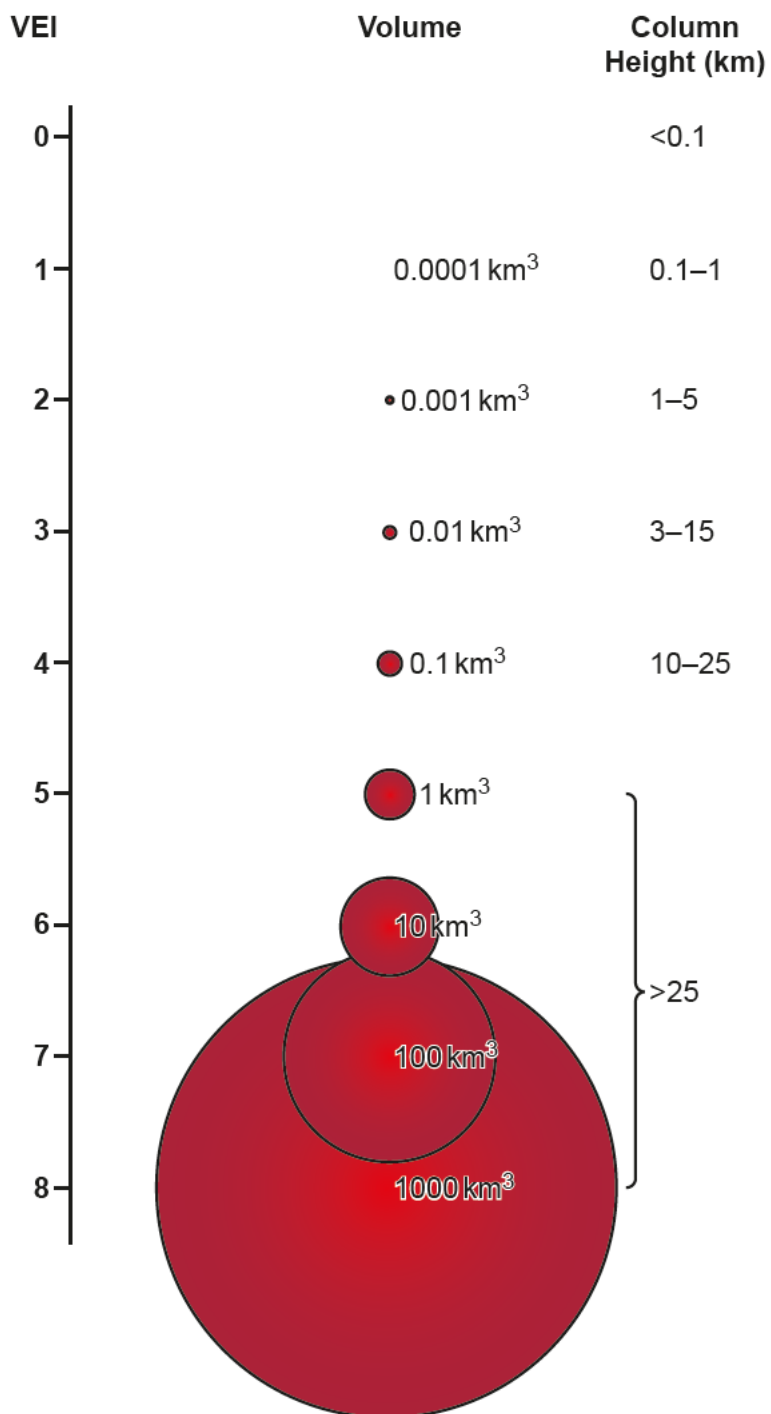
1980 
2019 

Fig. 4 – Production of three types of vegetable in selected European countries, 2017**Key:**

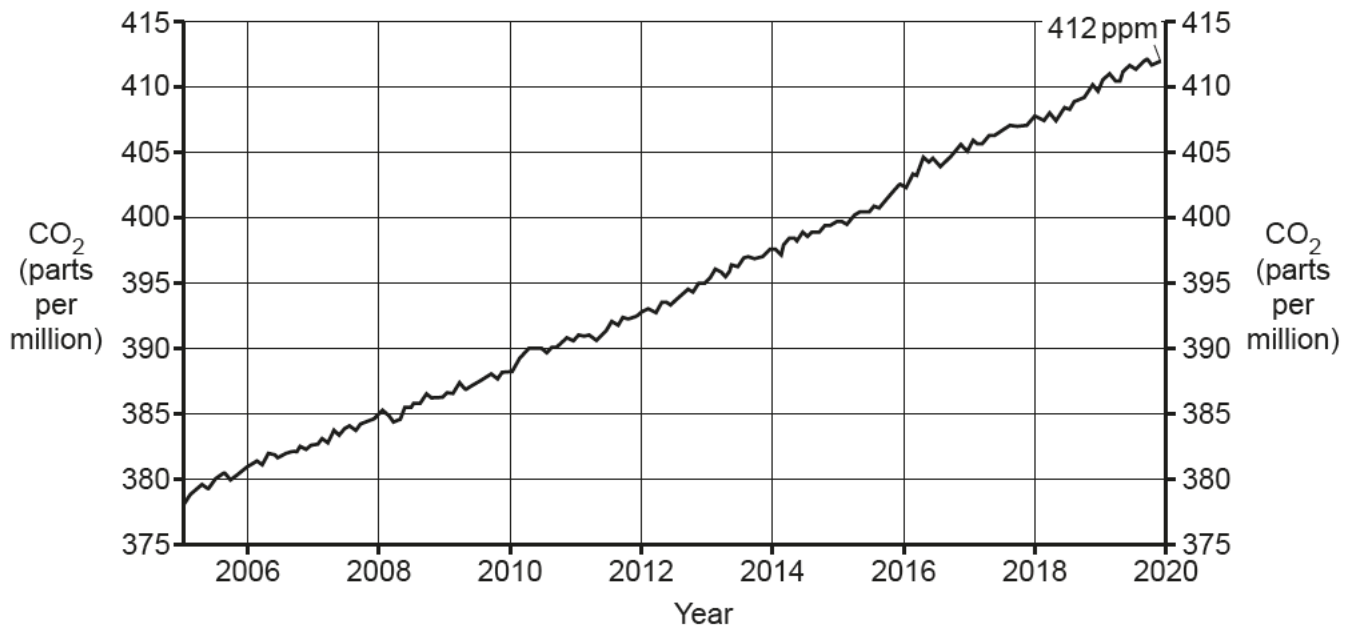
■ tomatoes ■ carrots ■ onions

Fig. 5 – The Volcanic Explosive Index (VEI)



Volcanic Explosive Index: The Volcanic Explosive Index (VEI) is a relative measure of the explosiveness of volcanic eruptions. Volume refers to the amount of tephra.

Fig. 6 – Atmospheric carbon dioxide concentrations, January 2005 to November 2019



Direct monthly measurements of carbon dioxide by the NOAA from January 2005 to November 2019. The average seasonal cycle has been removed.

Fig. 7 – Number of swine flu cases per week in the UK epidemic, June to December 2009

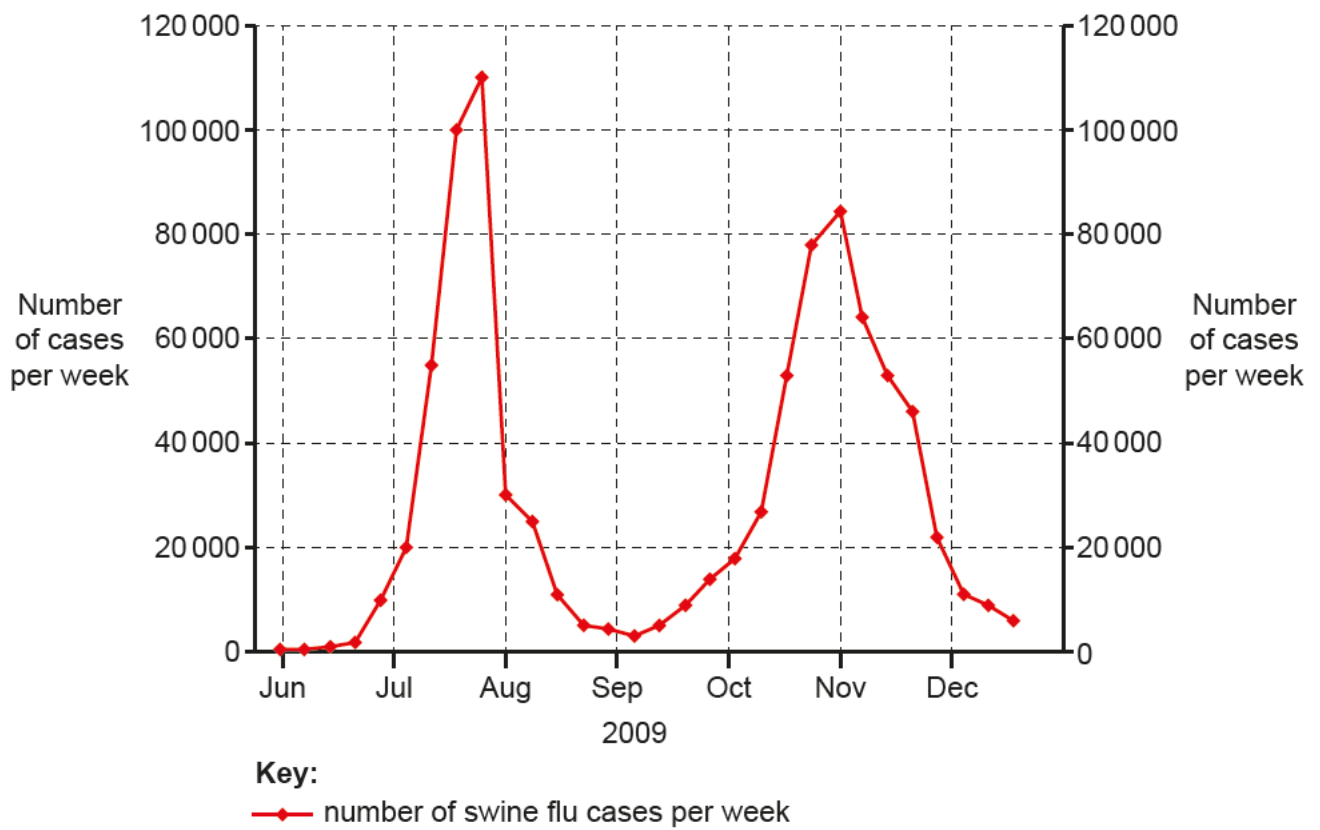


Fig. 8 – Latitudinal variation in average surface temperatures of the world's oceans

Link to material: <http://cosscience1.pbworks.com/w/page/8286076/Lesson%20604%20The%20Composition%20of%20Seawater>Item removed due to third party copyright restrictions.



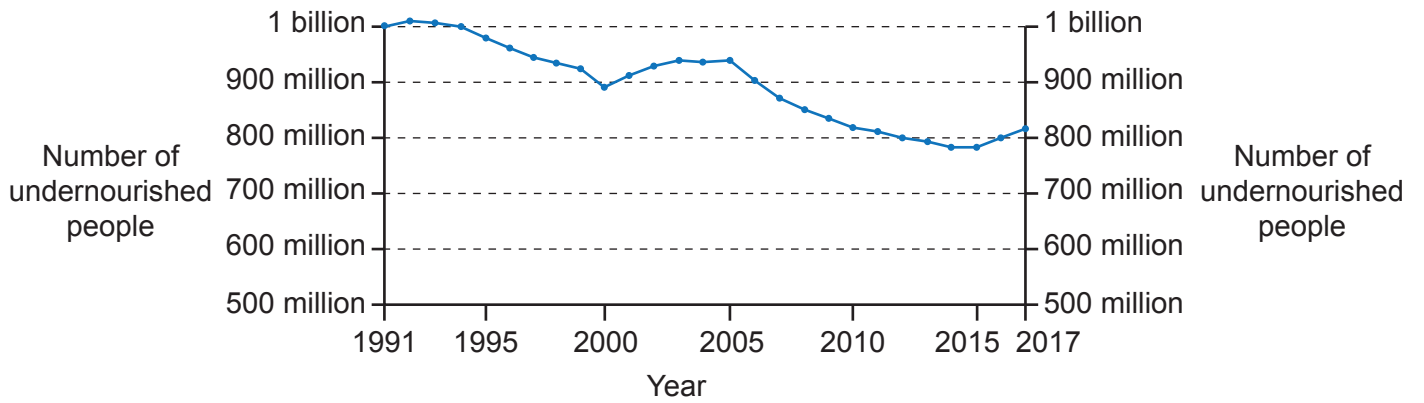
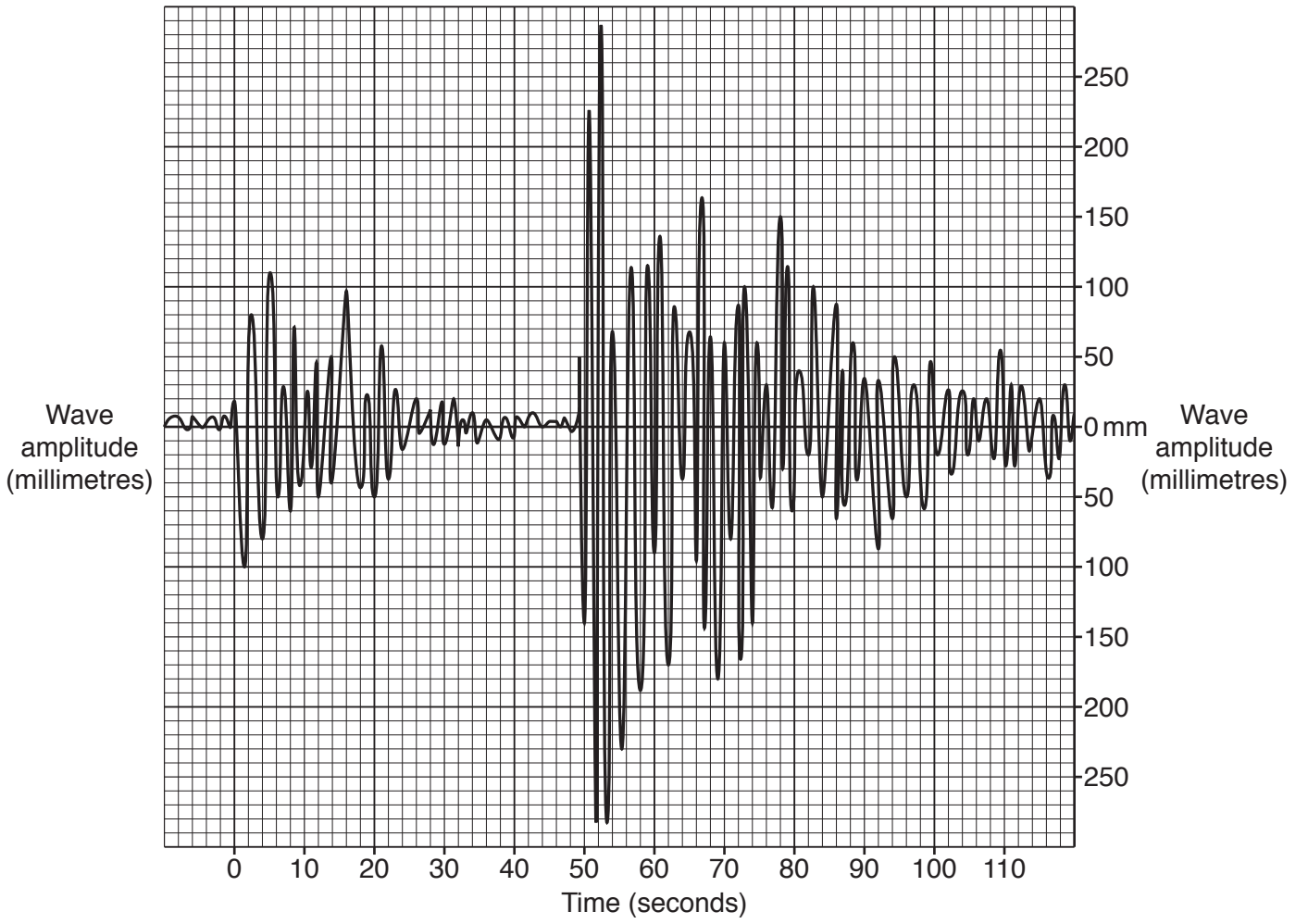
Fig. 9 – Global number of undernourished people, 1991–2017

Fig. 10 – Seismograph from an earthquake event



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