



ST ANDREW'S JUNIOR COLLEGE
Final Examination
Higher 1

Geography

8834/01

Paper 1

27 Sept 2023

INSERT

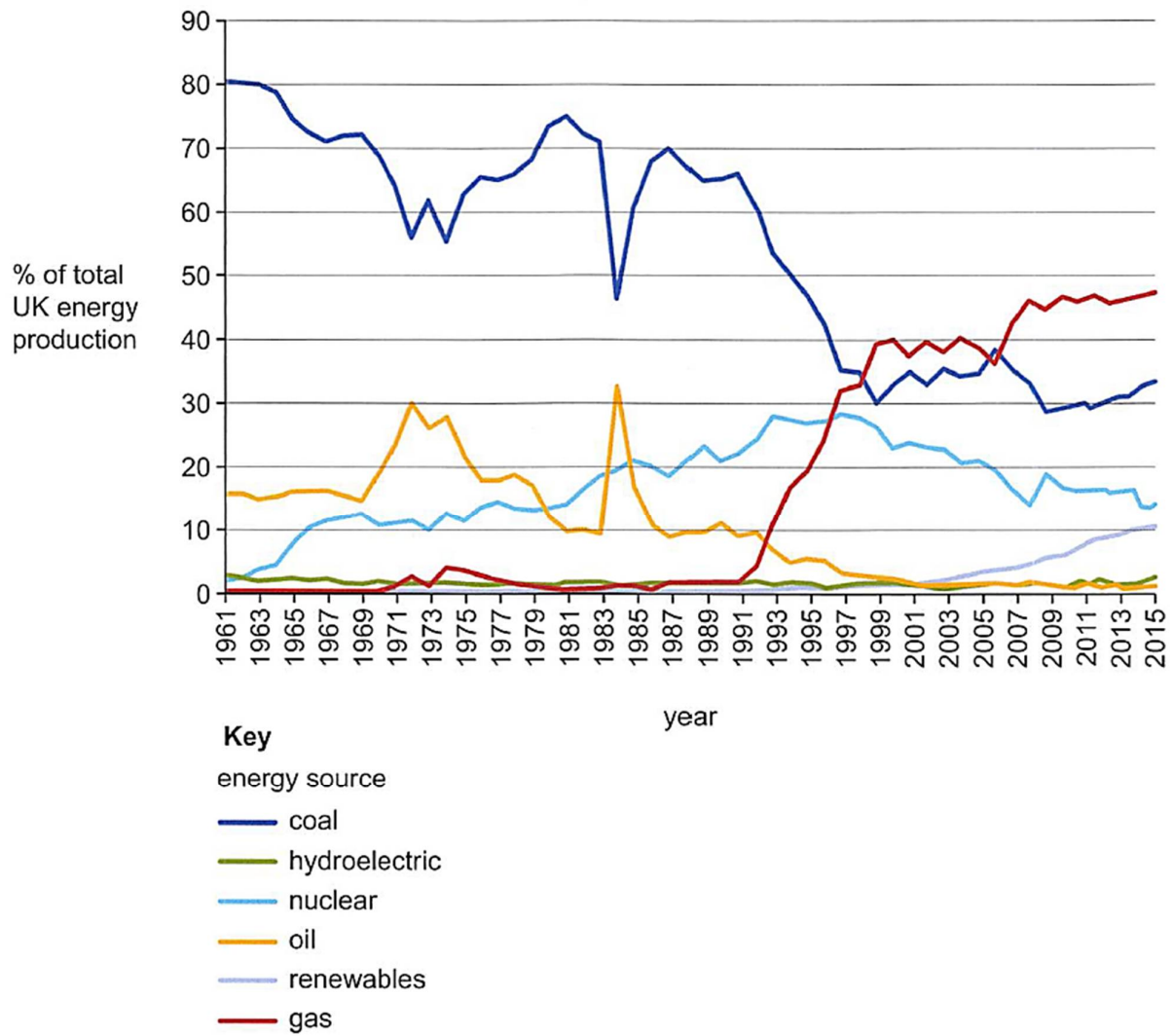
1h 30 min

READ THESE INSTRUCTIONS FIRST

This insert contains all the Resources referred to in the questions.

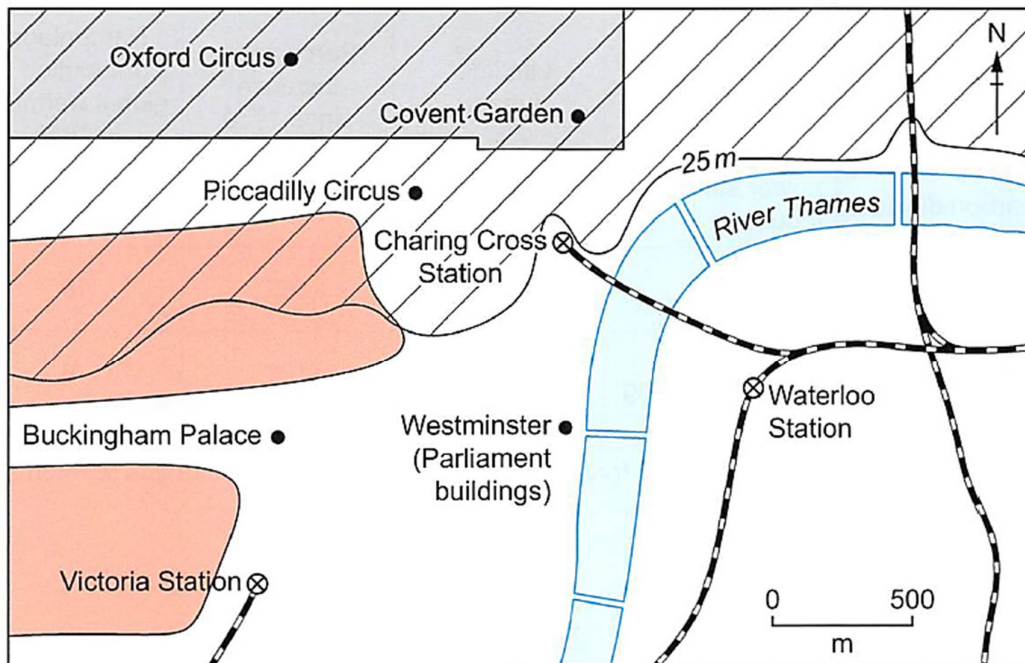
Resource 1 for Question 1

Sources of energy in the UK, 1961-2015









Resource 2 for Question 1

Elevation of Central London, UK



Key

-  land 25 metres or more above sea level
-  railway
-  major transport hub
-  historical landmark
-  important retail area
-  high income residential area

Resource 3 for Question 1

A comparison of the main global greenhouse gases

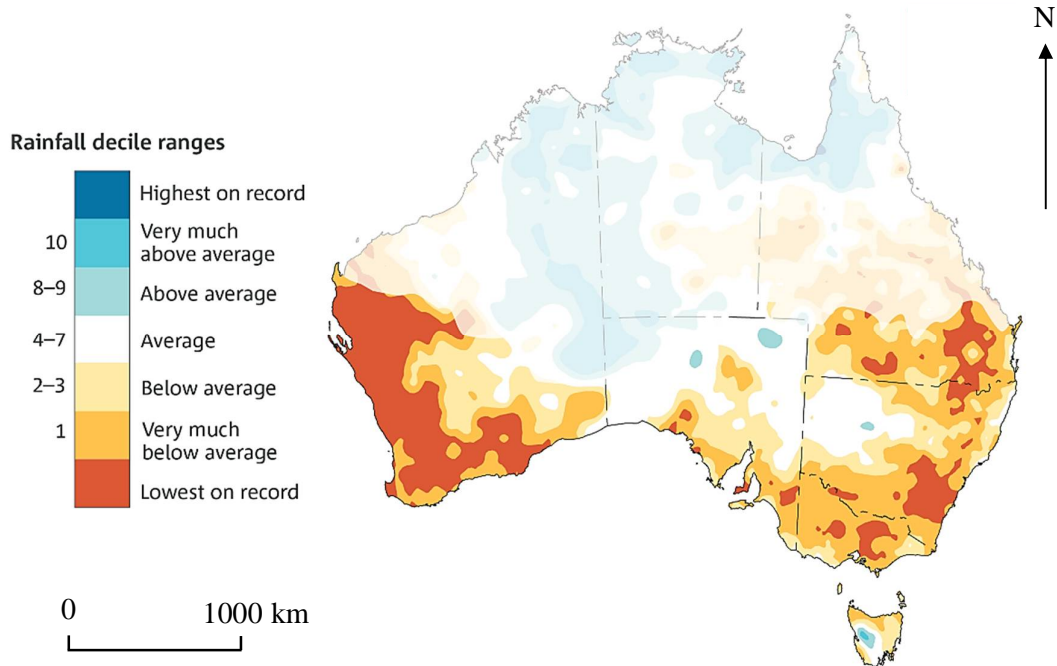
Greenhouse gas	Chief sources	Lifetime* (years)	Percentage increase since 1750	Percentage contribution to global warming in 2015
carbon dioxide	power stations, industry	100	38	64
methane	agriculture, waste disposal	12	157	18
nitrous oxide	agriculture, biomass burning	114	121	6

* Lifetime – this is the time it takes for the concentration of a greenhouse gas to return to its natural level.

Resources 4A and 4B for Question 2

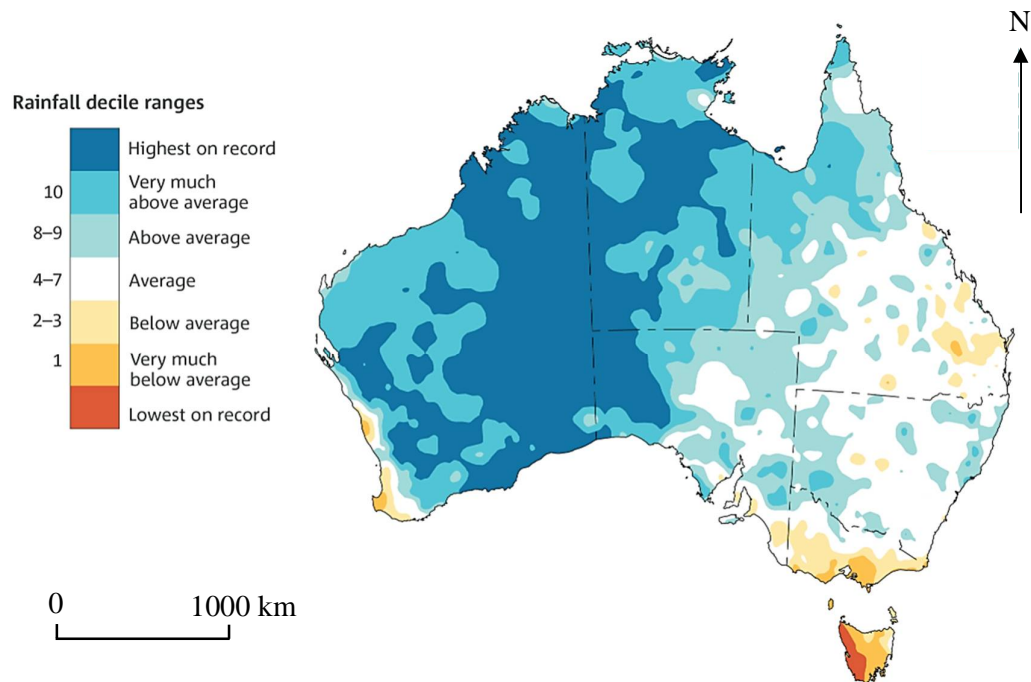
Resource 4A

Rainfall changes in Australia's dry season (April to October)



Resource 4B

Rainfall changes in Australia's wet season (October to April)



A decile map shows where rainfall is above average, average or below average for the recent period, in comparison with the entire rainfall record from 1900.

Resource 5 for Question 2

Observed and projected temperature of Australia

