

1 Study the map extract for Cunninghame, Scotland. The scale is 1:25 000.

(a) Fig. 1.1 shows some of the features in the south west of the map extract. Study Fig. 1.1 and the map extract.

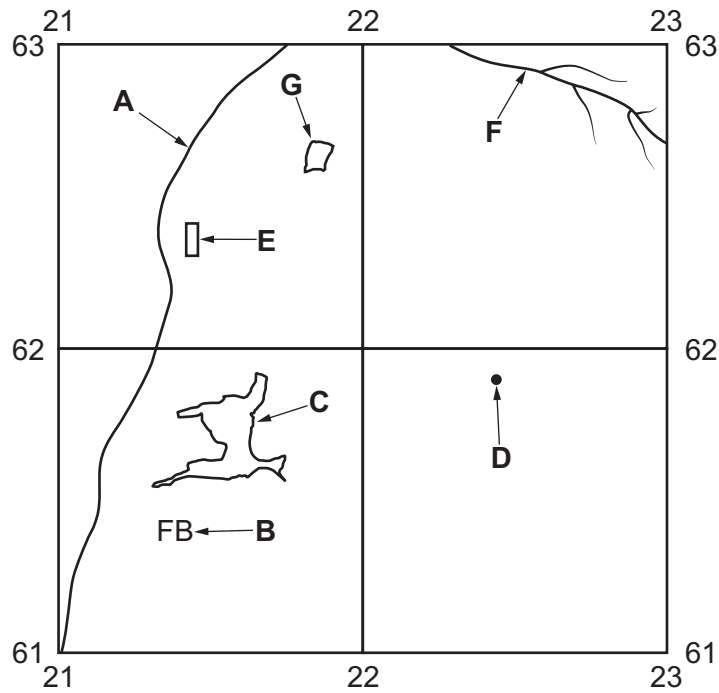


Fig. 1.1

Using the map extract, identify the following features shown in Fig. 1.1:

- (i) the type of road at **A**
 [1]
- (ii) feature **B**
 [1]
- (iii) the land use at **C**
 [1]
- (iv) the height above sea level of the spot height (survey height) at **D**.
 metres above sea level [1]
- (v) the name of the settlement at **E**
 [1]
- (vi) the name of the river at **F**.
 [1]

(b) Study Fig. 1.1 and the map extract.

What is the six-figure grid reference for the settlement of Craigton, shown as **G** on Fig. 1.1?

..... [1]

(c) Identify **two** tourist facilities shown on the map extract.

1

2 [2]

(d) Study the map extract and Fig. 1.2 which shows an area in the east of the map.

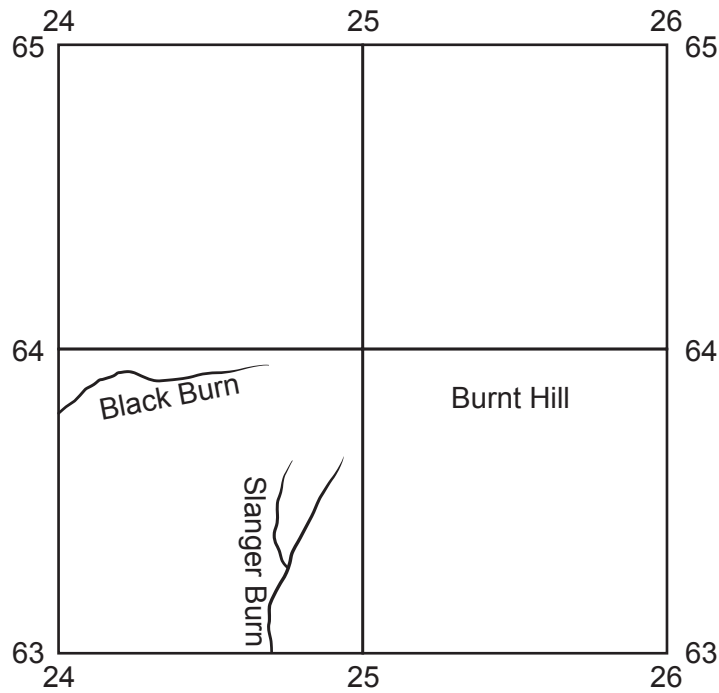
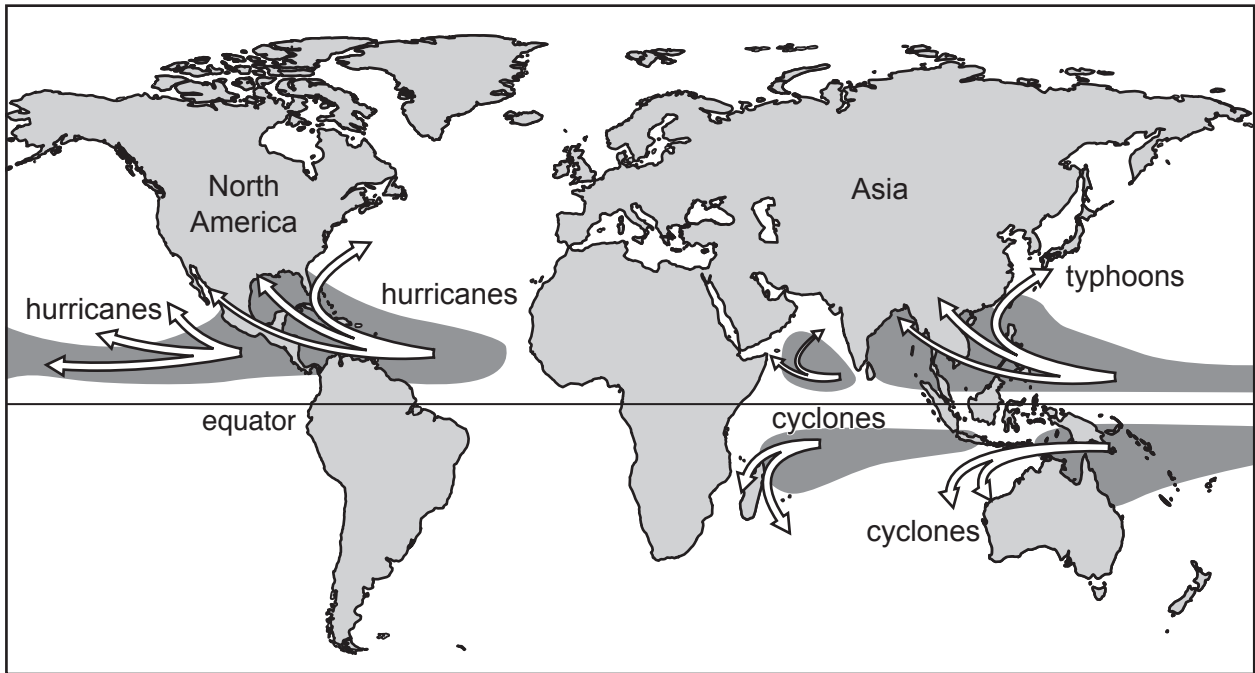


Fig. 1.2

Which **four** of the following statements are true about the area? Tick (✓) **four** boxes.

	tick (✓)
there are villages	
there are no settlements	
highest point is 489 metres above sea level	
highest point is 485 metres above sea level	
gradients are steep	
gradients are gentle	
there are waterfalls	
there is a flood plain	
no rivers flow above 475 metres above sea level	
many rivers flow above 475 metres above sea level	

3 Fig. 3.1 shows where tropical storms form.



Key

● areas in which tropical storms typically form

← typical path of storm

Fig. 3.1

(a) (i) Using Fig. 3.1, describe **two** physical conditions needed for a tropical storm to form.

1

2 [2]

(ii) What is the name of the tropical storms which affect southeast Asia, north of the equator?

..... [1]

(iii) In which direction do the hurricanes affecting the east coast of North America move?

..... [1]

(b) Fig. 3.2 shows the global numbers of people killed by weather hazards from 1980 to 2018.

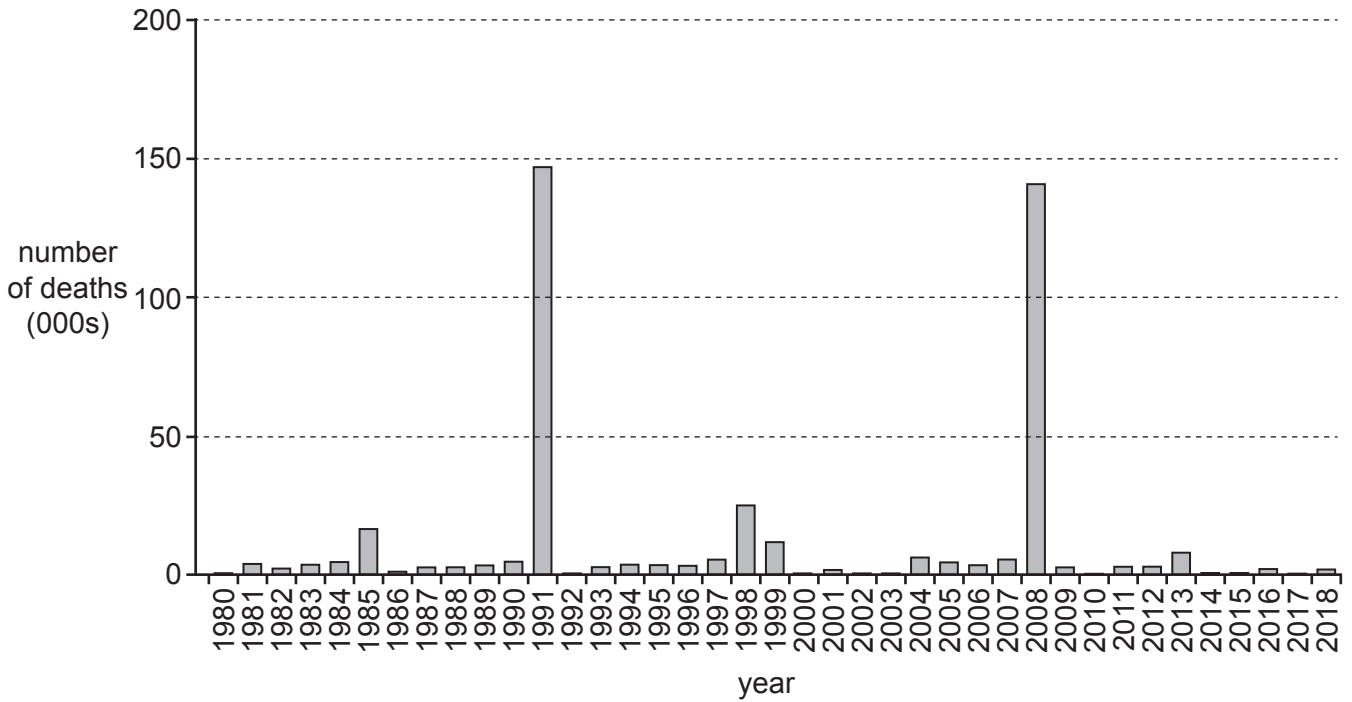


Fig. 3.2

(i) In which year were the most people killed by weather hazards?

..... [1]

(ii) Suggest reasons why the number of people killed by weather hazards varies each year.

.....

 [3]

[Total: 8]

- 4 Study Figs. 4.1 and 4.2, which show information about an area of flooding in England, UK, an MEDC.

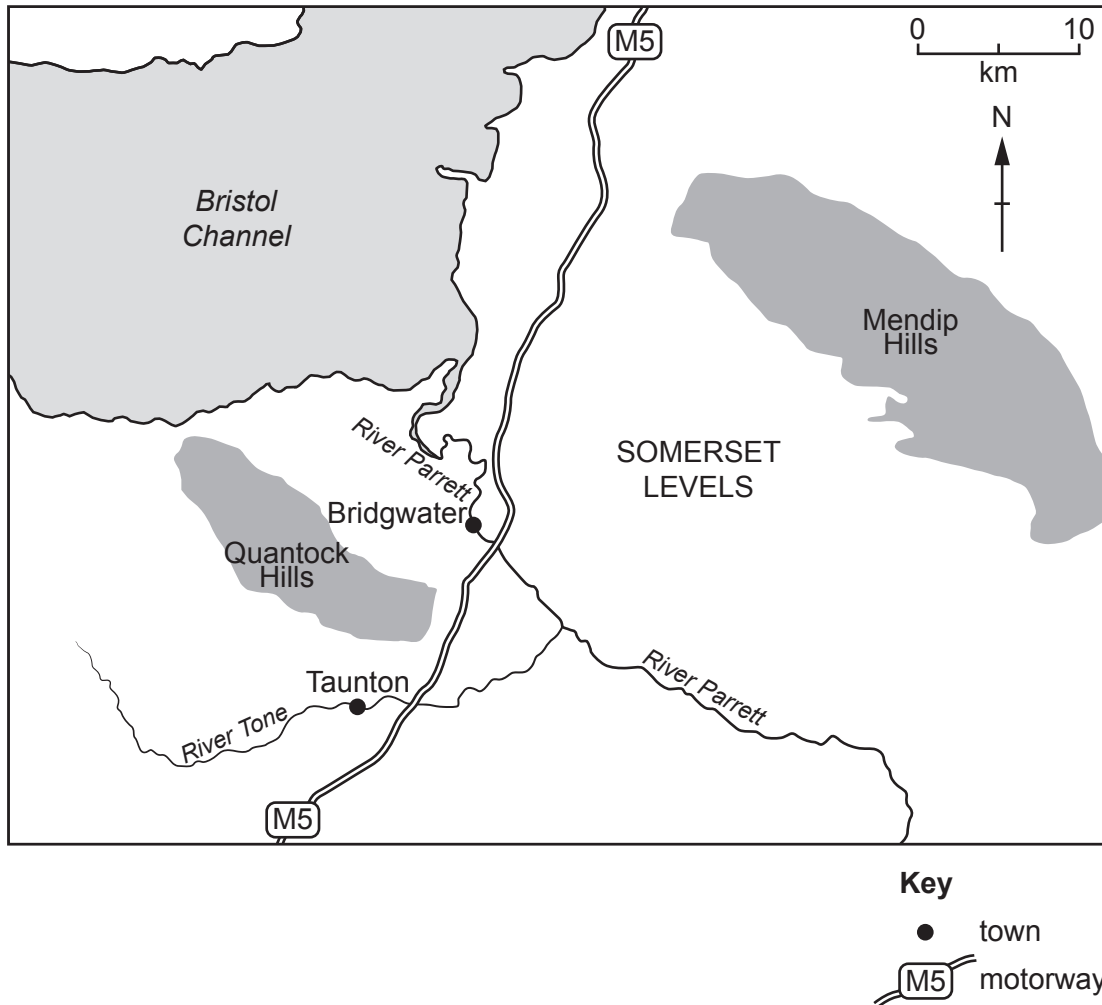


Fig. 4.1

The Somerset Levels is an area of low-lying land in south west England. From December 2013 to February 2014 the area was affected by severe flooding causing many farms to be cut off. Homes were flooded and many residents were evacuated as the flood water also mixed with sewage. It had been the wettest January since records began. After the flood water went down, a large-scale dredging project was undertaken to remove the silt which had been washed up the river from the Bristol Channel. A tidal barrier has been proposed to be built north of Bridgwater on the River Parrett. This will have gates that will close to prevent high tides flowing upstream from the Bristol Channel.

Fig. 4.2

(a) (i) Identify the tributary of the River Parrett shown in Fig. 4.1.

..... [1]

(ii) Using Fig. 4.2, identify **four** physical factors which led to the flooding of the Somerset Levels.

1

2

3

4 [4]

(b) Suggest **three** reasons why local residents might be against the building of the tidal barrier.

1

.....

2

.....

3

..... [3]

[Total: 8]

5 Study Fig. 5.1, which shows the relationship between food supply per person and life expectancy.

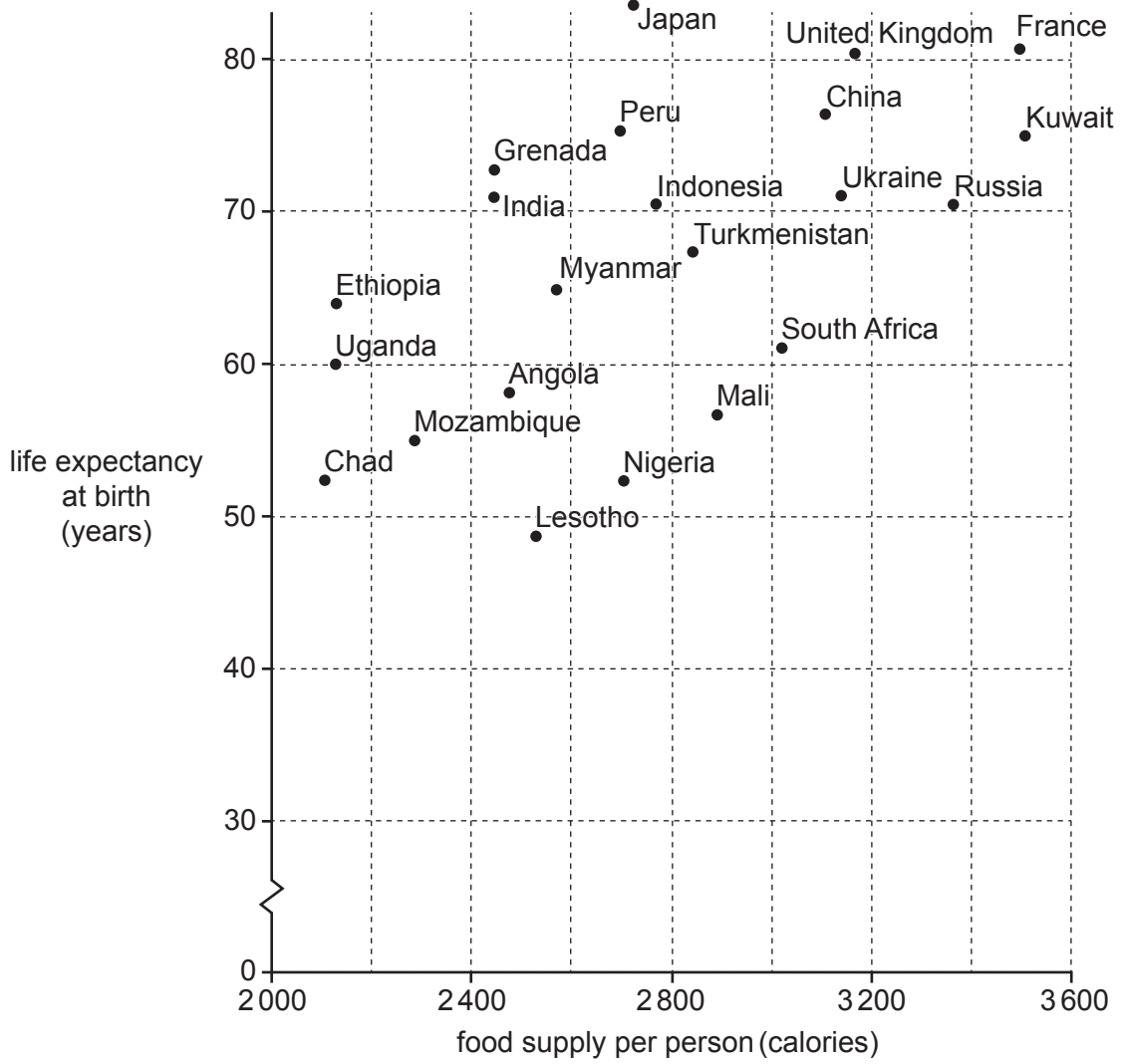


Fig. 5.1

(a) Describe the relationship between food supply per person and life expectancy.

.....

.....

.....

..... [2]

(b) (i) Suggest **two** natural (physical) causes of food shortages.

1

.....

2

..... [2]

(ii) Suggest how economic and political factors can cause food shortages.

.....

.....

.....

.....

.....

.....

.....

.....

.....

..... [4]

[Total: 8]

6 Study Fig. 6.1 (Insert), which shows a tourist destination in the Caribbean, a group of islands between North and South America.

(a) Using Fig. 6.1, describe **three** physical (natural) attractions of this tourist destination.

1

.....

2

.....

3

..... [3]

(b) Fig. 6.2 shows the source of global carbon dioxide emissions produced by tourism.

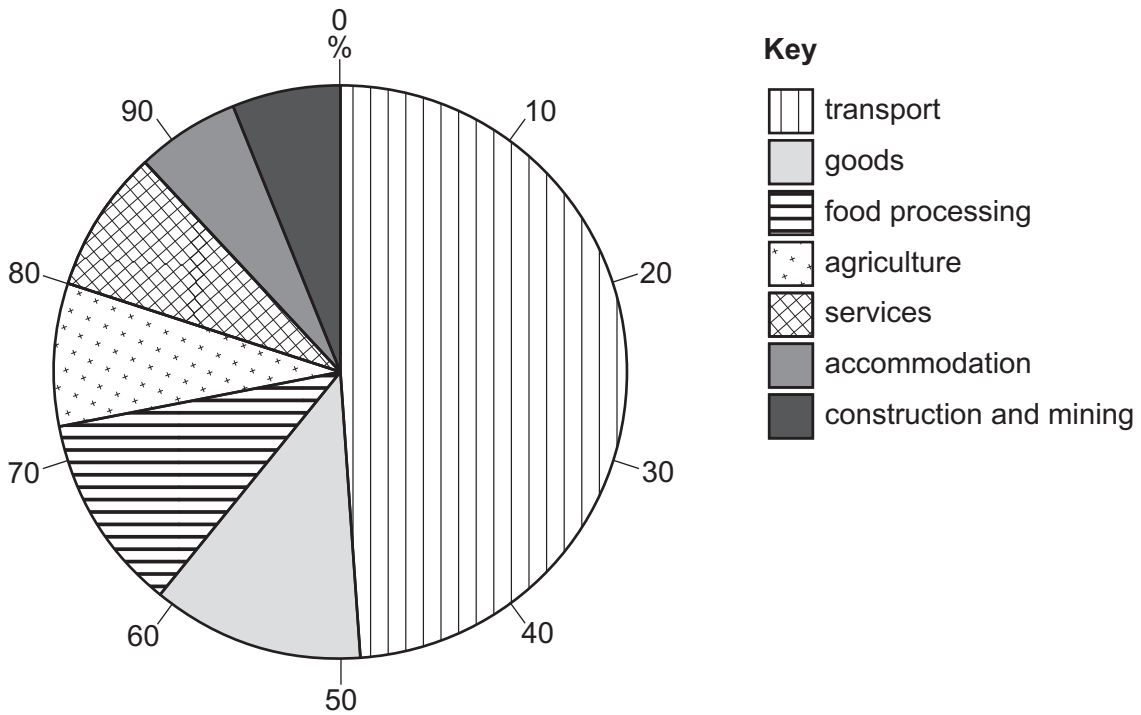


Fig. 6.2

(i) What percentage of carbon dioxide emissions is produced by agriculture?

.....% [1]

(ii) Suggest another type of graph which could be used to show the information in Fig. 6.2.

..... [1]

- (c) Governments in the Caribbean wish to reduce the pollution produced by tourism. Suggest ways in which they could reduce the amount of carbon emissions produced by transport and agriculture.

Transport

.....

.....

.....

.....

.....

.....

Agriculture

.....

.....

.....

.....

.....

..... [3]

[Total: 8]

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