

Centre Number						Candidate Number				
Surname										
Other Names										
Candidate Signature										

For Examiner's Use	
Examiner's Initials	
Question	Mark
1	
2	
TOTAL	



General Certificate of Education  
Advanced Subsidiary Examination  
June 2012

# Geography

# GEOG2

## Unit 2 Geographical Skills

Wednesday 30 May 2012 9.00 am to 10.00 am

### For this paper you must have:

- the Ordnance Survey map extract (enclosed)
- a pencil
- a rubber
- a ruler
- a protractor
- compasses.

You may use a calculator.

### Time allowed

- 1 hour

### Instructions

- Use black ink or black ball-point pen. Use pencil only for drawing.
- Fill in the boxes at the top of this page.
- Answer **all** questions.
- You must answer the questions in the spaces provided. Do not write outside the box around each page or on blank pages.
- Do all rough work in this book. Cross through any work you do not want to be marked.

### Information

- The maximum mark for this paper is 50.
- The marks for questions are shown in brackets.
- You will be marked on your ability to:
  - use good English
  - organise information clearly
  - use specialist vocabulary where appropriate.

### Advice

- Where appropriate, credit will be given for the use of diagrams to illustrate answers and where reference is made to your personal investigative work. You are advised to allocate your time carefully.



J U N 1 2 G E O G 2 0 1

H/Jun12/GEOG2

# GEOG2

Answer **all** questions in the spaces provided.

**1 (a)** Using **Figure 1**, a 1:50 000 Ordnance Survey map extract\* of part of the Lake District, describe the changes in the channel and valley of the River Derwent from 199321 to 102312.

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(5 marks)

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\* Please note that due to copyright restrictions we are unable to electronically publish the OS map extract.

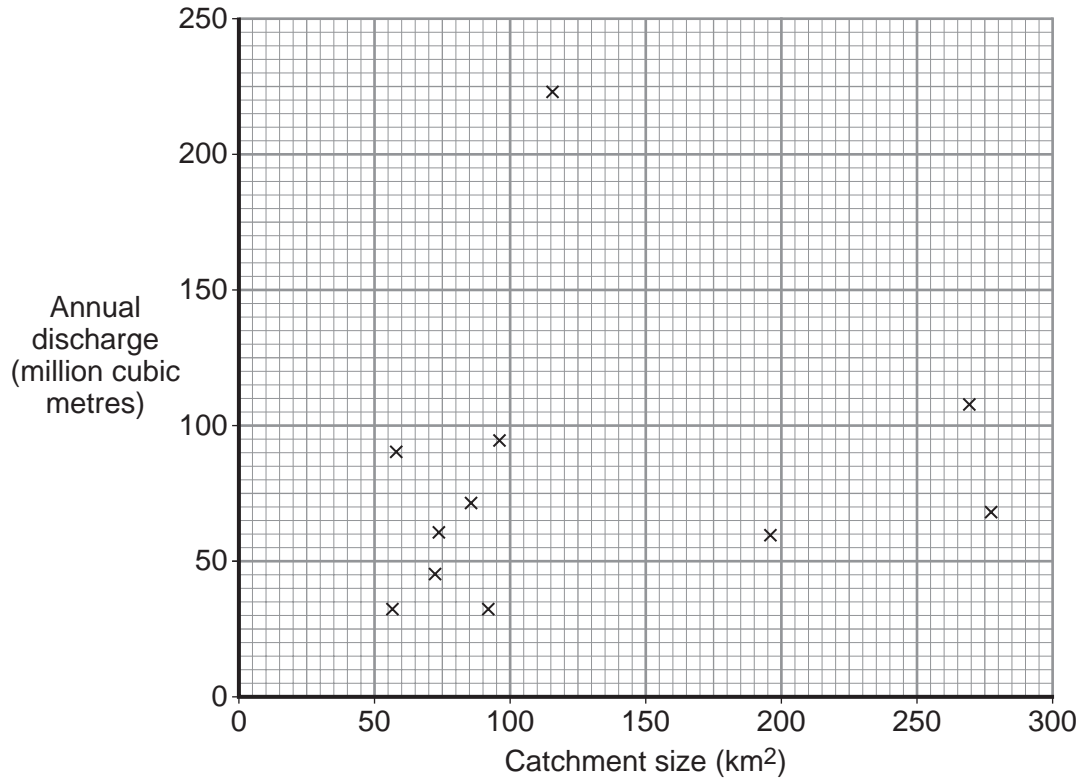
Please refer to Landranger Map 89, West Cumbria: Cockermouth & West Water (eastings 10–23, northings 28–36).

Copies of this question paper can be purchased online from the AQA shop, and each question paper includes an Ordnance Survey map extract.



1 (b) (i) Study **Figure 2** which shows the relationship between catchment size and annual discharge for selected rivers in the north of England in 2009.

**Figure 2**



Complete **Figure 2** by adding the following data and then drawing a line of best fit.

	River X	River Y
Catchment size (km <sup>2</sup> )	74	163
Annual discharge (million cubic metres)	32	45

(3 marks)

1 (b) (ii) Describe the pattern now shown in **Figure 2**.

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Question 1 continues on the next page

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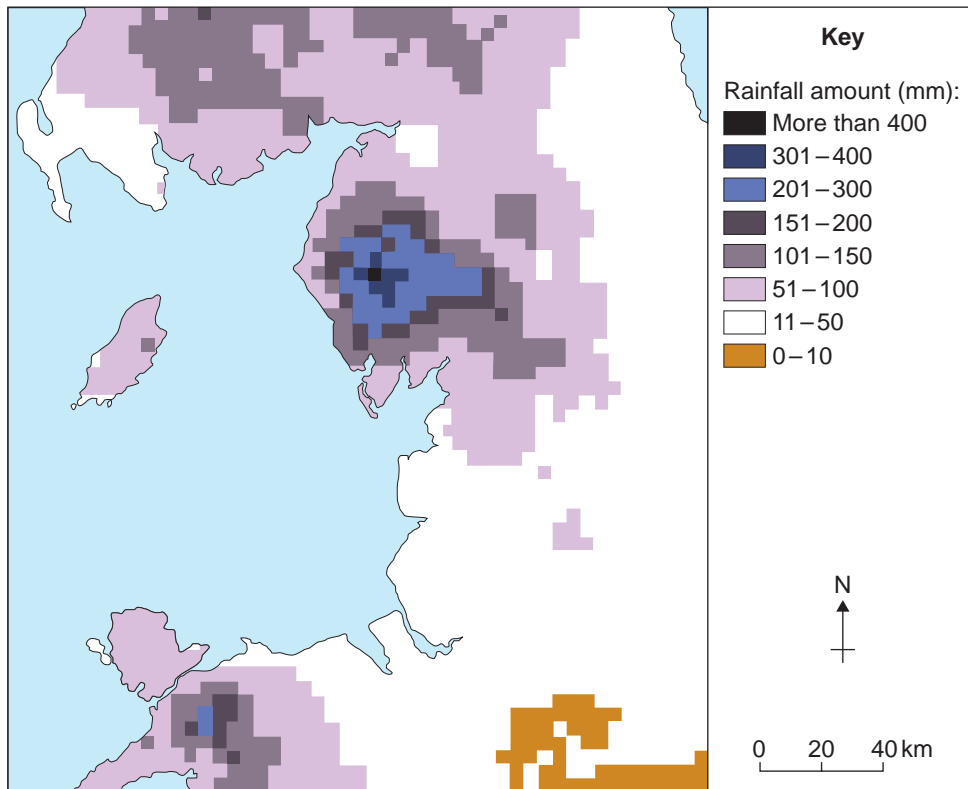
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1 (c) Study **Figure 3** which shows rainfall data gathered over a period of 72 hours in November 2009 for part of Britain.

**Figure 3**



Comment on the usefulness of this technique as a method of displaying this data.

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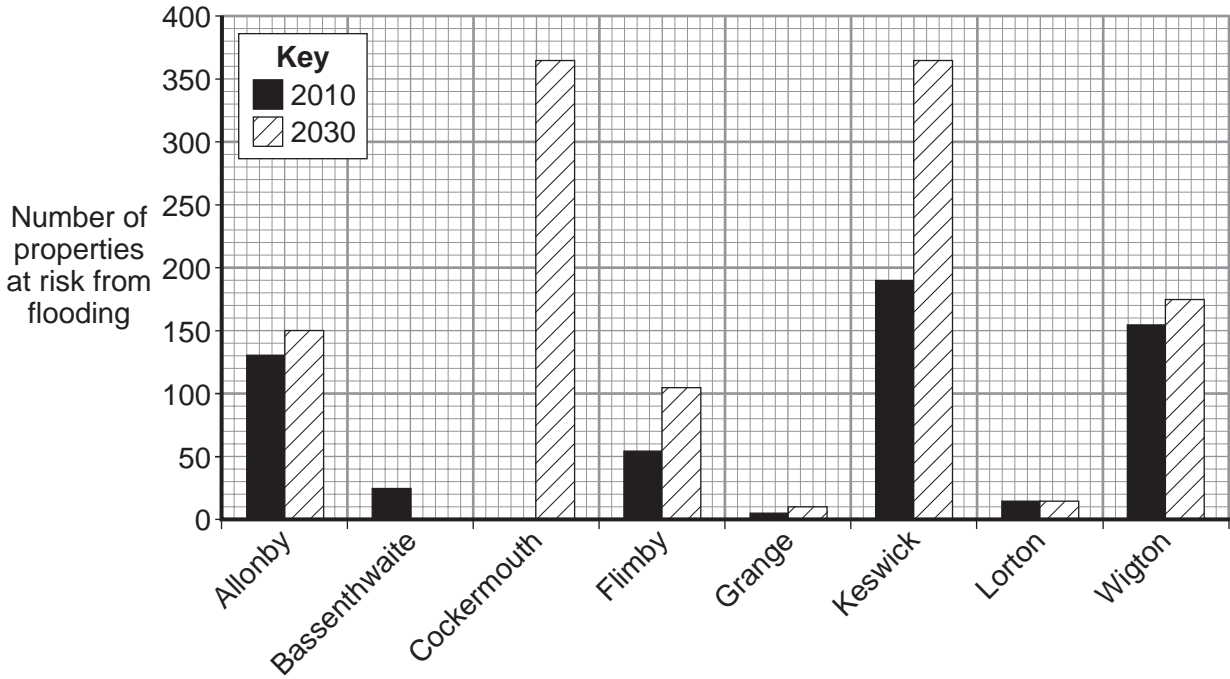
**Question 1 continues on the next page**

**Turn over ▶**



1 (d) Study **Figure 4** which shows the number of properties at risk from flooding in selected settlements in Cumbria in 2010 and 2030.

**Figure 4**



1 (d) (i) Complete **Figure 4** by adding the following data.

	2010	2030
Bassenthwaite		55
Cockermouth	175	

(2 marks)

1 (d) (ii) Describe the variations shown in **Figure 4** and comment on them.

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**Turn over for the next question**

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**2** You have experienced geography fieldwork as part of the course. Use this experience to answer the following questions.

**2 (a)** Describe the purpose of your fieldwork enquiry.

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**2 (b)** Describe a sampling technique you used to collect data.

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**2 (c)** Justify the use of **one** technique used to analyse data in your enquiry.

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**2 (d)** Referring to your results, outline the main conclusions of your enquiry and suggest further areas of research.

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**END OF QUESTIONS**



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ANSWER IN THE SPACES PROVIDED**

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Figure 2: Based on data supplied by the National River Flow.

Figure 3: Contains public sector information from the Met Office under the Open Government Licence v1.0.

Figure 4: Contains Environment Agency information © Environment Agency and database right.

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