VICTORIAN CURRICULUM AND ASSESSMENT AUTHORITY

Victorian Certificate of Education 2012

SUPERVISOR TO ATTACH PROCESSING LABEL HERE

STUDENT NUMBER

									Letter
Figures									
Words									

GEOGRAPHY

Written examination

Friday 16 November 2012

Reading time: 3.00 pm to 3.15 pm (15 minutes)
Writing time: 3.15 pm to 5.15 pm (2 hours)

QUESTION AND ANSWER BOOK

Structure of book

Number of questions	*Number of questions to be answered*	*Number of marks*
5	5	60

- Students are permitted to bring into the examination room: pens, pencils, highlighters, erasers, sharpeners, rulers, coloured water-based pens and markers.
- Students are NOT permitted to bring into the examination room: blank sheets of paper and/or white out liquid/tape.
- No calculator is allowed in this examination.

Materials supplied
- Question and answer book of 15 pages.
- A data book.
- Additional space is available at the end of the book if you need extra paper to complete an answer.

Instructions
- Write your **student number** in the space provided above on this page.
- All written responses must be in English.

At the end of the examination
- You may keep the data book.

Students are NOT permitted to bring mobile phones and/or any other unauthorised electronic devices into the examination room.

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Instructions

Answer **all** questions in the spaces provided. Refer to the data book as indicated.

Use Figure 1 (a and b) on pages 3–5 of the data book when responding to Question 1.

Question 1

a. On the map and key provided on pages 4 and 5 in the question and answer book

i. mark the irrigation areas

ii. mark and name two different features associated with water sources within the map area. Do not use the Murray River as one of your features.

iii. mark and name where water is likely to be piped out of the map area

iv. mark and name one transport feature dependent on water.

2 + 2 + 1 + 1 = 6 marks

b. Describe the distribution of the irrigated areas.

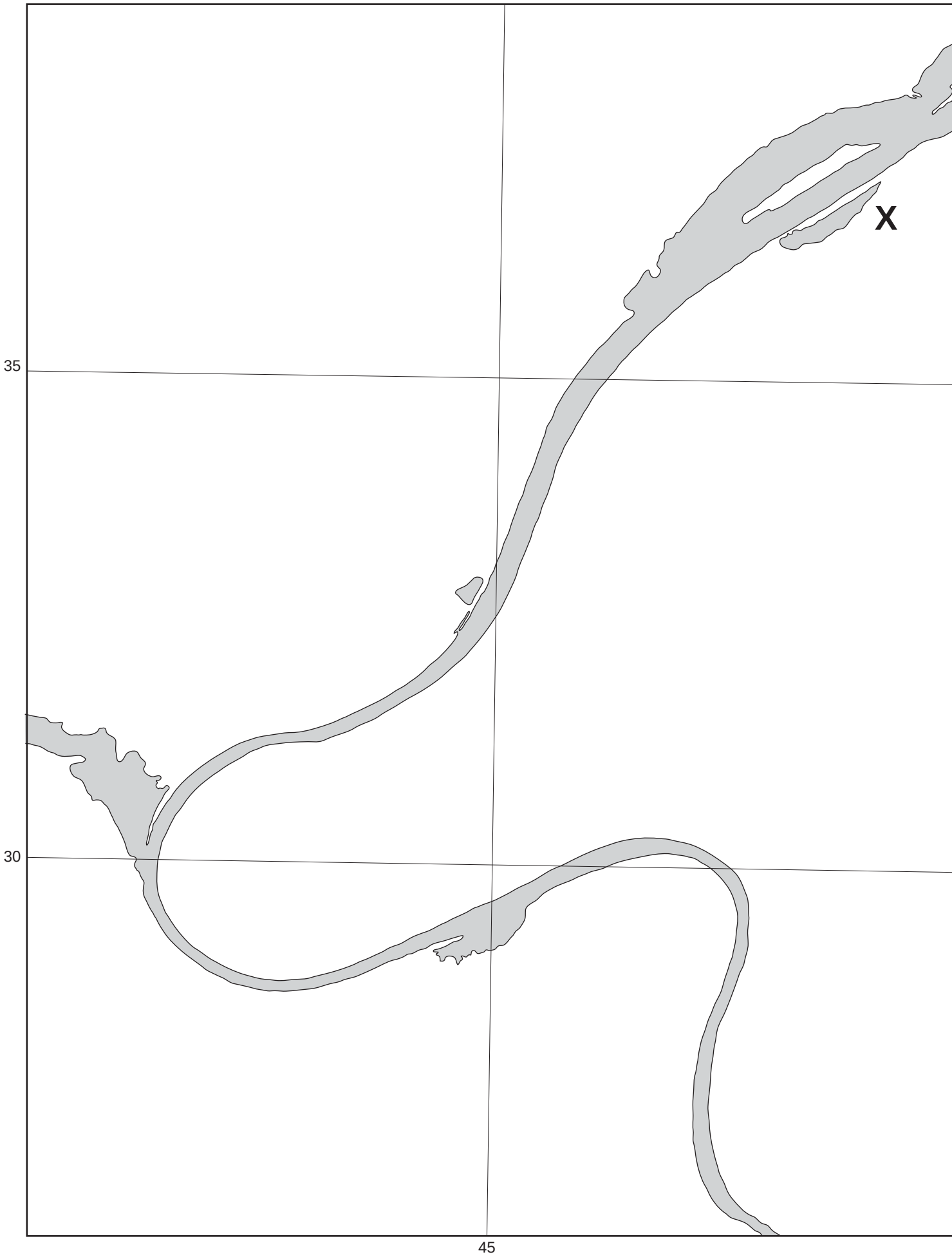
2 marks

c. Suggest why the area marked 'X' on the map on pages 4 and 5 of the question and answer book has not been irrigated. Use map evidence from the data book to support your answer.

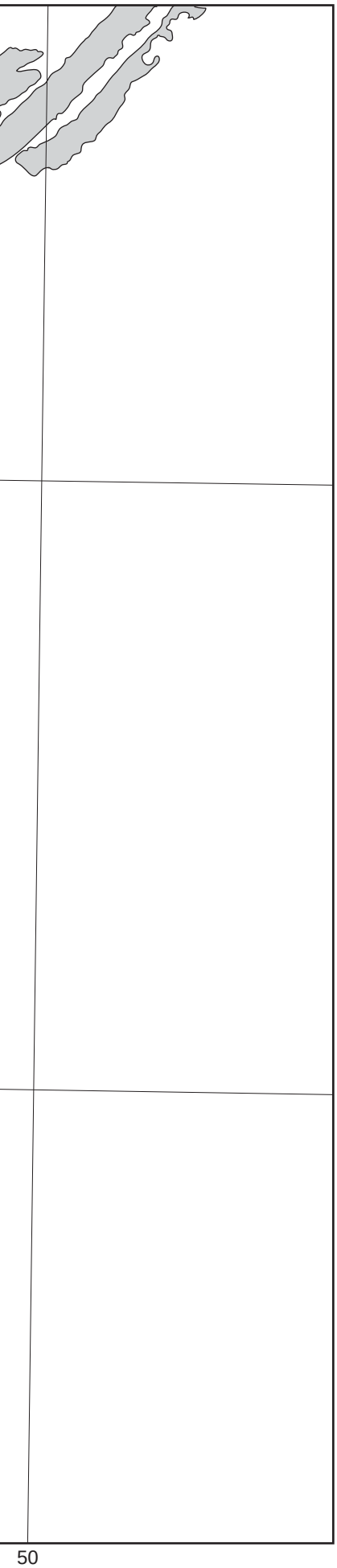
2 marks

d. Using map evidence from the data book, suggest the type of farming that is practised in the Wall Irrigation Area.

1 mark



Question 1 – continued



MANNUM

LEGEND

Murray River, swamp

i. irrigated area

ii. water feature number 1

iii. water feature number 2

iv. water piped out

v. water transport feature

N

0 2 km

Question 2

'Water use in the Murray-Darling Basin has increased in the last 100 years. The Basin is now under significant stress and this has led to a range of conflicts between various groups.'

a. Describe a conflict over water use in the Murray-Darling Basin.

4 marks

b. Evaluate how effective a management policy or a strategy has been, or could be, in dealing with the conflict.

3 marks

c. Name a resolution or proposed resolution for one other water conflict in the Murray-Darling Basin.

Describe one difference or one similarity between this resolution and the one evaluated in **part b.**

2 marks

Question 3

Identify a local resource for which you have collected data in the field.

a. Justify a classification for this resource.

2 marks

b. Describe the location of your selected resource in its regional context.

2 marks

c. Describe one strategy that can be used to manage movement within your resource, now or into the future, in terms of

i. the necessity for this management strategy

ii. the practicality of this management strategy

iii. the sustainability of this management strategy.

2 + 2 + 2 = 6 marks

Refer to Figure 2 (a–d) on pages 7–9 of the data book when responding to Question 4.

Question 4

a. Describe the overall global trend that is evident when comparing the maps in Figures 2b, 2c and 2d.

2 marks

b. Compare the life expectancy shown on Figure 2c for Western Europe in 2010 with one other major region of the world in 2010.

3 marks

c. Evaluate the relative importance of two factors that could influence changes in life expectancy over time for any country or any major region of the world that you have studied.

4 marks

d. Discuss how changes in life expectancy could affect birth rates or death rates for any country or any region that you have studied.

3 marks

e. 'In many countries of the world, the population is ageing because of changes in life expectancy. Governments are already responding to this change, or will need to do so in the future.'

Discuss with reference to any one country that you have studied.

3 marks

Question 5

Identify a global phenomenon that you have studied. Do not select the phenomenon of human population.

a. In what two ways can your selected global phenomenon be considered 'global'?

1.

2.

2 marks

b. Discuss the impact of your selected global phenomenon on people or the environment at both a local and a regional or national scale. At each scale, include reference to a specific location.

local scale

regional or national scale

6 marks

c. Describe a policy developed by an international organisation that is designed to manage the impact of your global phenomenon at one of the specific locations discussed in **part b.**

4 marks

d. Evaluate how successful this policy has been, or could be, in managing the impact of this global phenomenon.

3 marks

END OF QUESTION AND ANSWER BOOK

TURN OVER

Extra space for responses

Clearly number all responses in this space.

A script book is available from the supervisor if you need extra paper to complete your answer. Please ensure you write your **student number** in the space provided on the front cover of the script book. **At the end of the examination, place the script book inside the front cover of this question and answer book.**

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DATA BOOK

Directions to students

- A question and answer book is provided with this data book.
- Refer to the data in this book for each question as indicated in the question and answer book.
- The data contained in this book is drawn from current real world case studies.

Students are NOT permitted to bring mobile phones and/or any other unauthorised electronic devices into the examination room.

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Figure 1 Murray-Darling Basin

Background information

Mannum is a small South Australian town, 84 kilometres east of Adelaide, on the west bank of the Murray River. It is home to approximately 2000 people, with several thousand more living within a 15- to 30-minute travelling distance from the town centre. Mannum was once a river port and boasted the river's first-ever paddle steamer (1853). Today, Mannum is a service centre for the surrounding rural area and a recreational centre with important functions linked to river cruises and recreational boating.

Figure 1a: Location of Mannum

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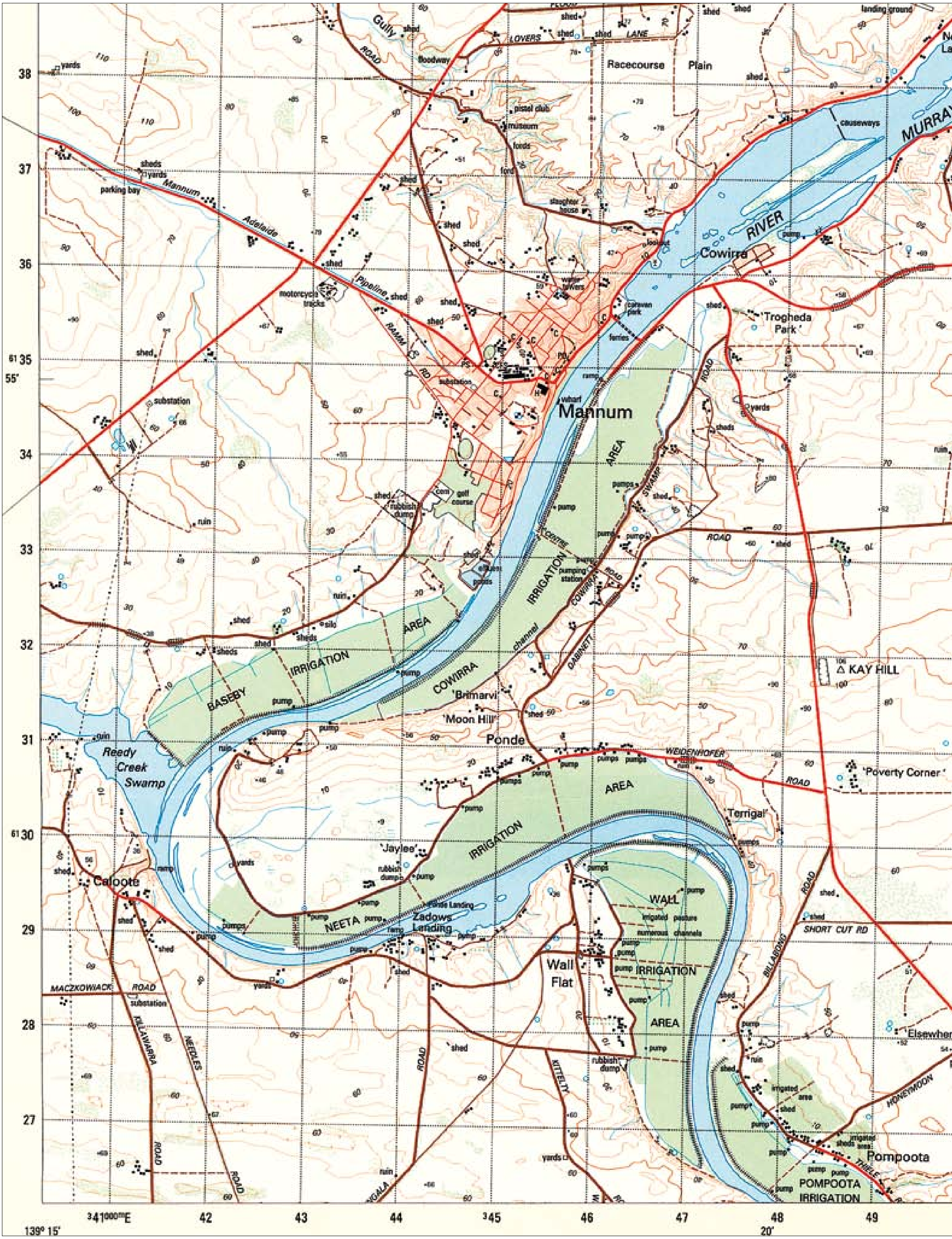
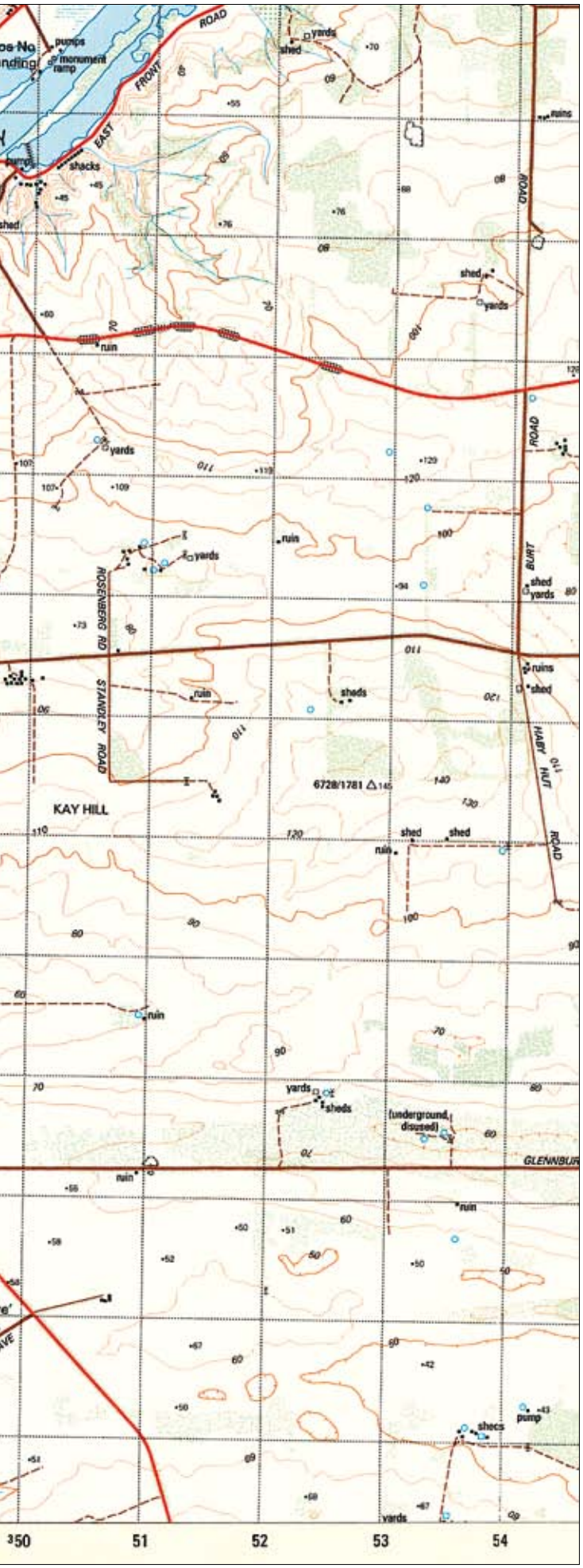
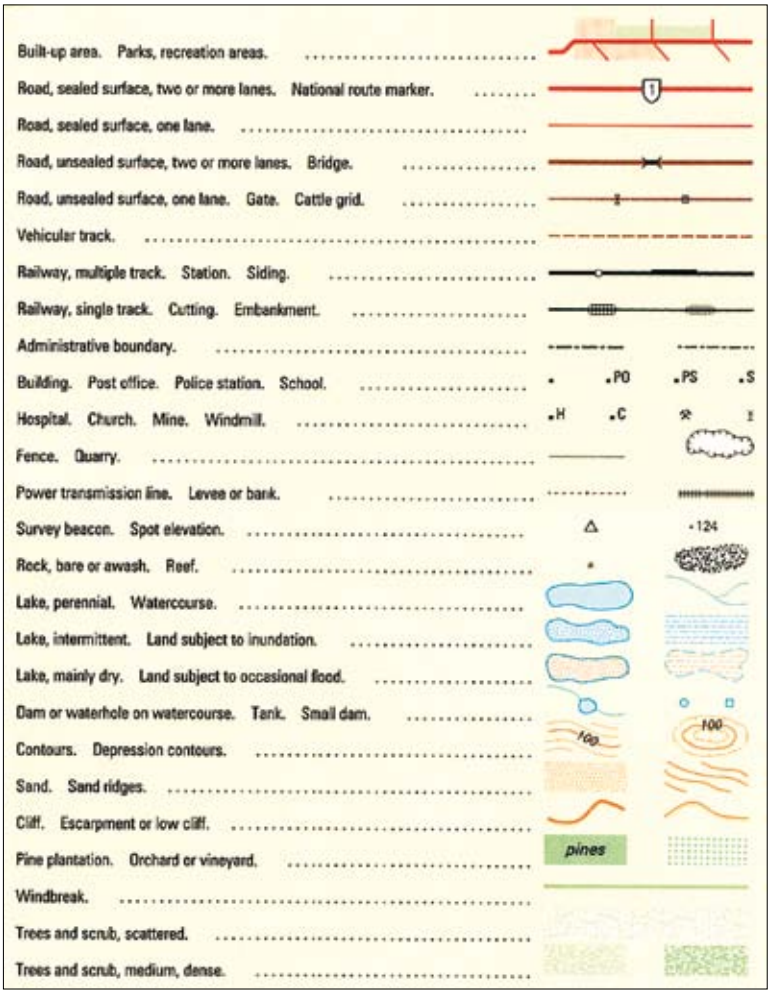
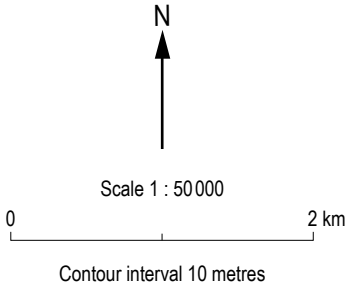


Figure 1b: Mannum



Key to Figure 1b





Source: Department of Environment and Natural Resources, South Australia, 1997

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Figure 2 | Human population

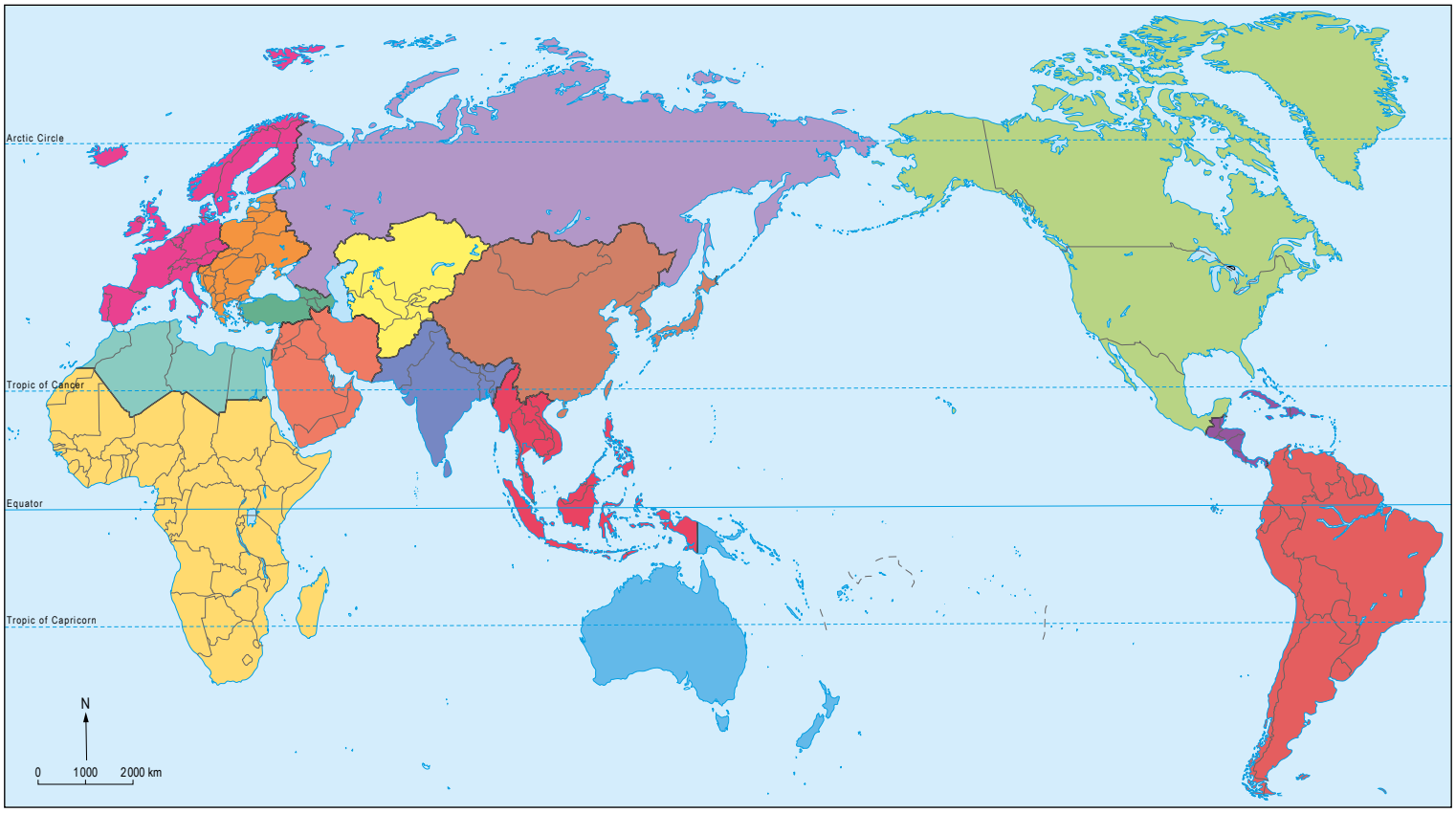

Figure 2a: World regions

Key to Figure 2a

- Sub-Saharan Africa
- North Africa
- Middle East
- West Europe
- East Europe
- Russia
- North-West Asia
- Central Asia
- South Asia
- North-East Asia
- South-East Asia
- Australia and the Pacific
- North America
- Central America
- South America

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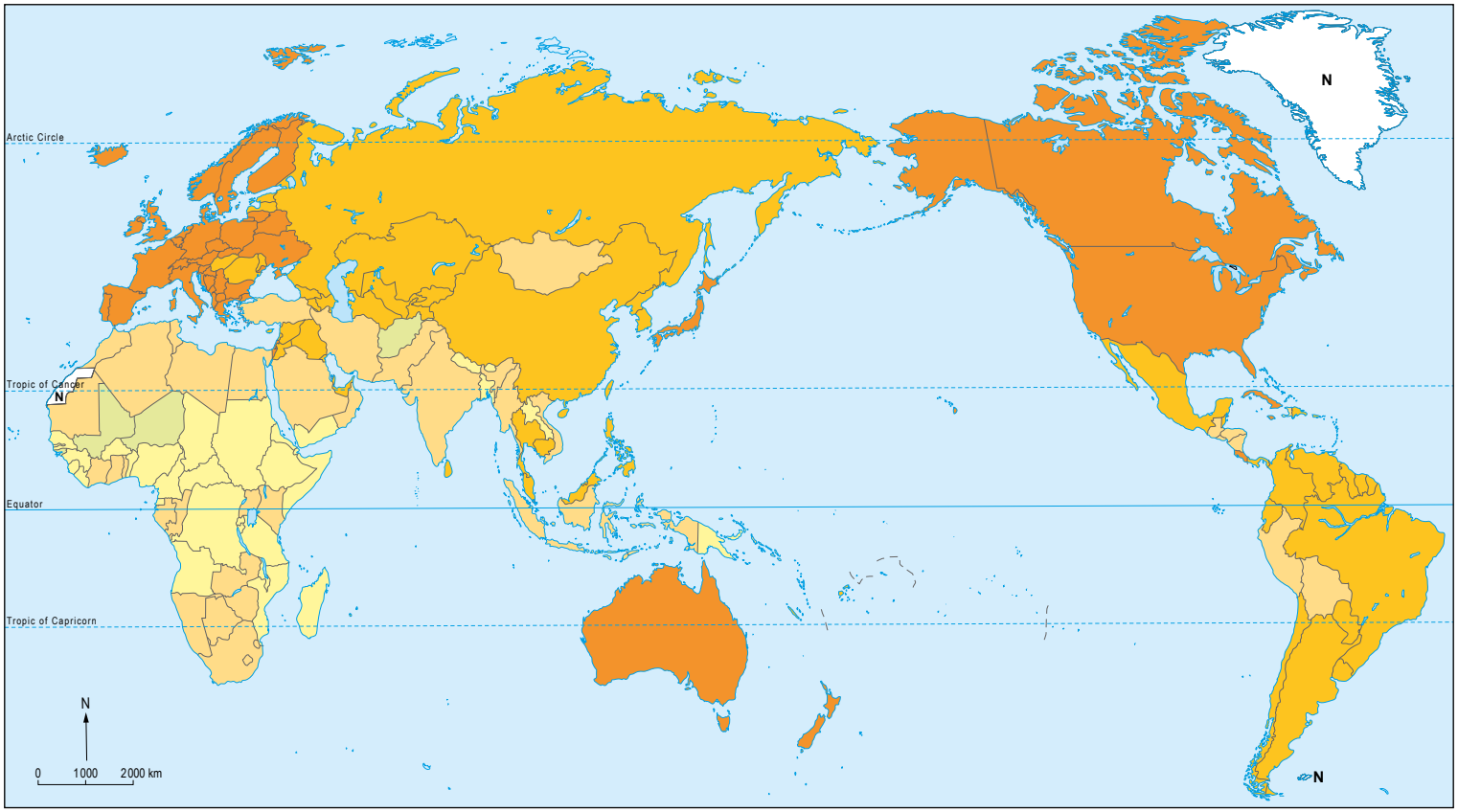

Figure 2b: Life expectancy, average male and female, 1975

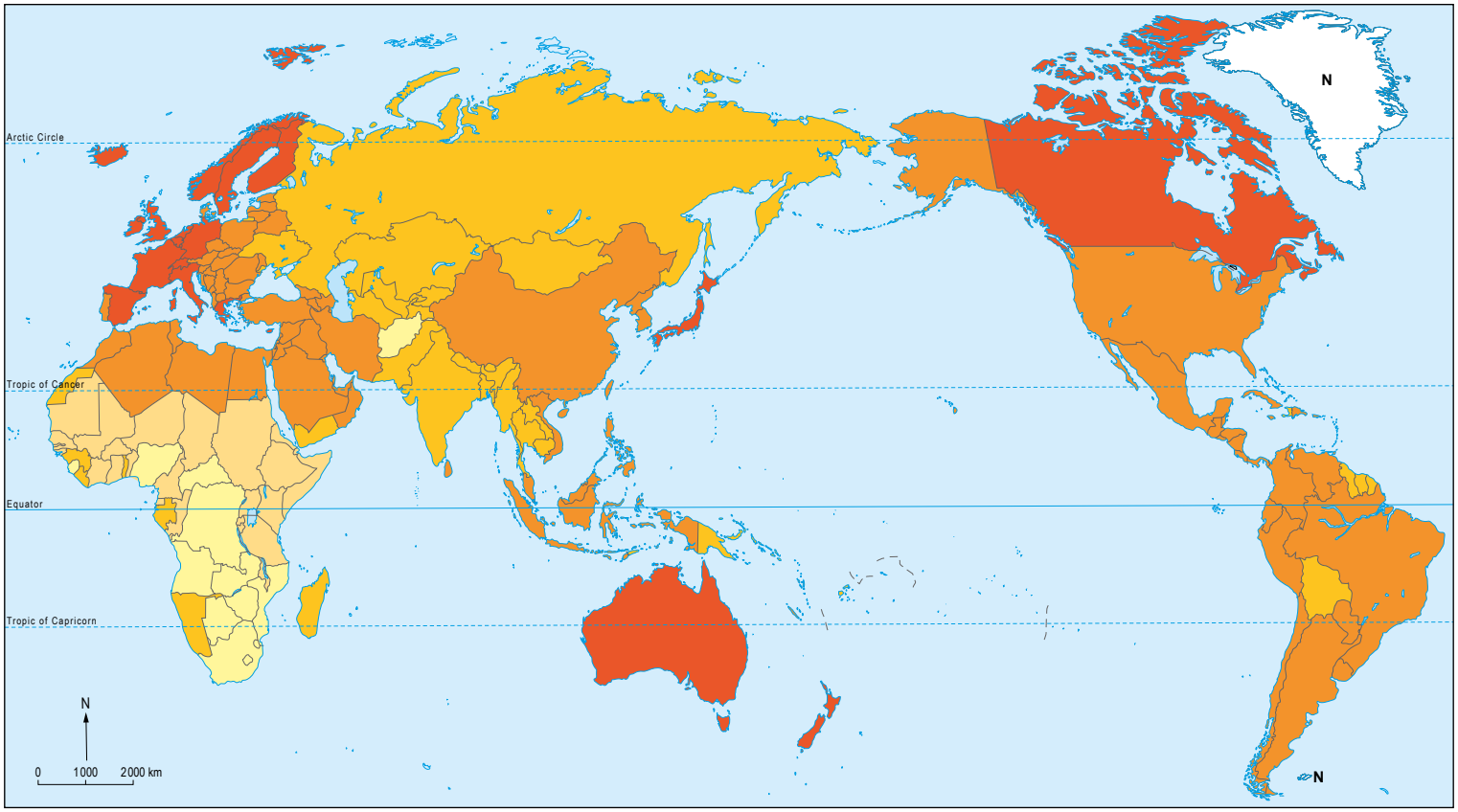

Figure 2c: Life expectancy, average male and female, 2010

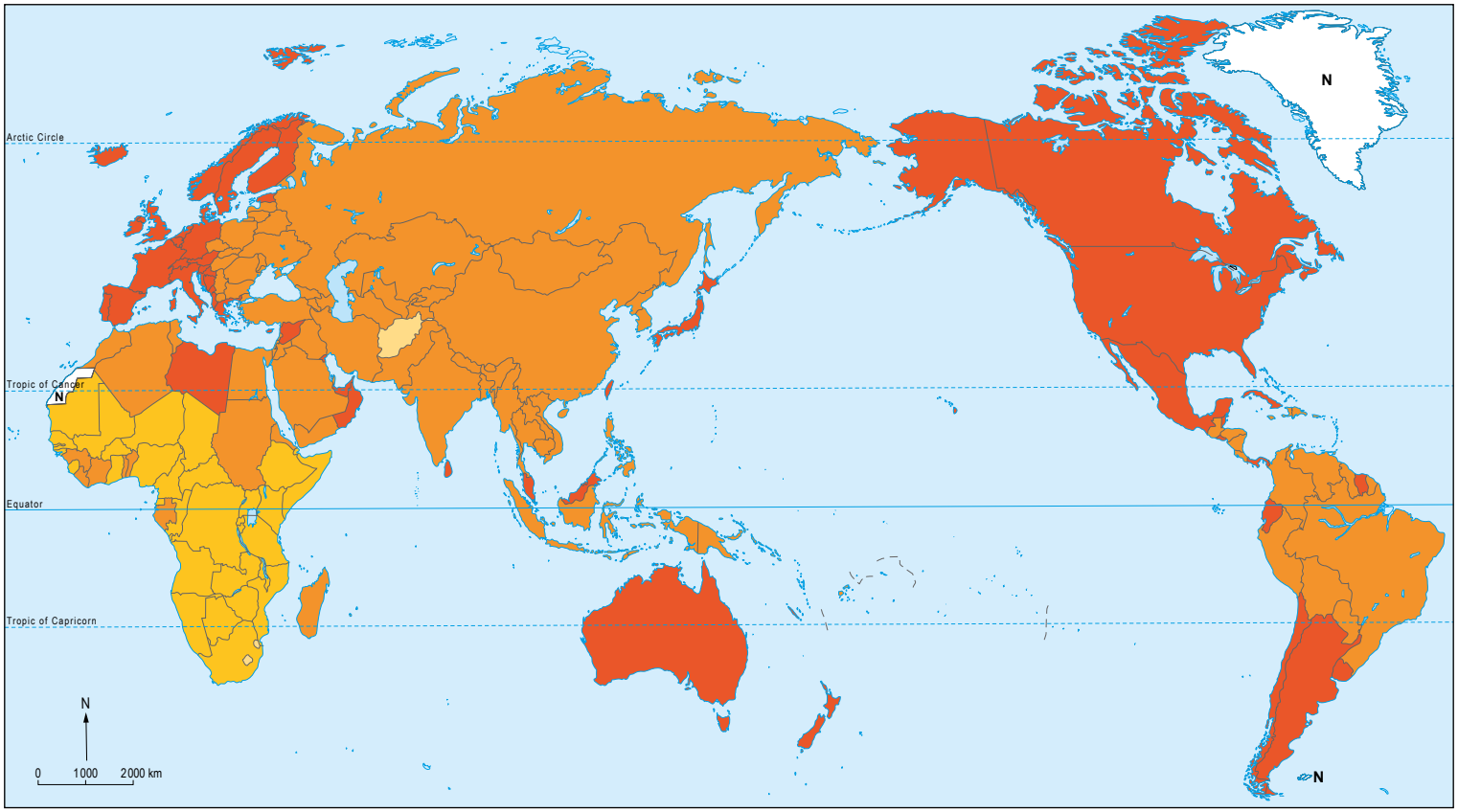

Figure 2d: Life expectancy, average male and female, 2045

Key to Figures 2b–2d

- Over 80 years
- 70–80 years
- 60–69.9 years
- 50–59.9 years
- 40–49.9 years
- Under 40 years
- N — No data

Source of data: International Data Base, US Census Bureau

Notes

1. International boundaries for all maps are for 2010.
2. Estimates have been made for the values for many countries for 1975 as well as for all countries for 2045.

END OF DATA BOOK