

## Unit 3 Geography SAC: Mildura

The following SAC requires the Mildura topographic map from GTAV map set 5. Copies of this map can be purchased from the GTAV at the *special price* of \$1.10 each.

Note:

- Spatial concepts will be assessed throughout this SAC
- Murray Darling Basin is referred to as MDB
- Read ALL instructions carefully.

Reading Time: 5 minutes

Writing Time: 45 minutes

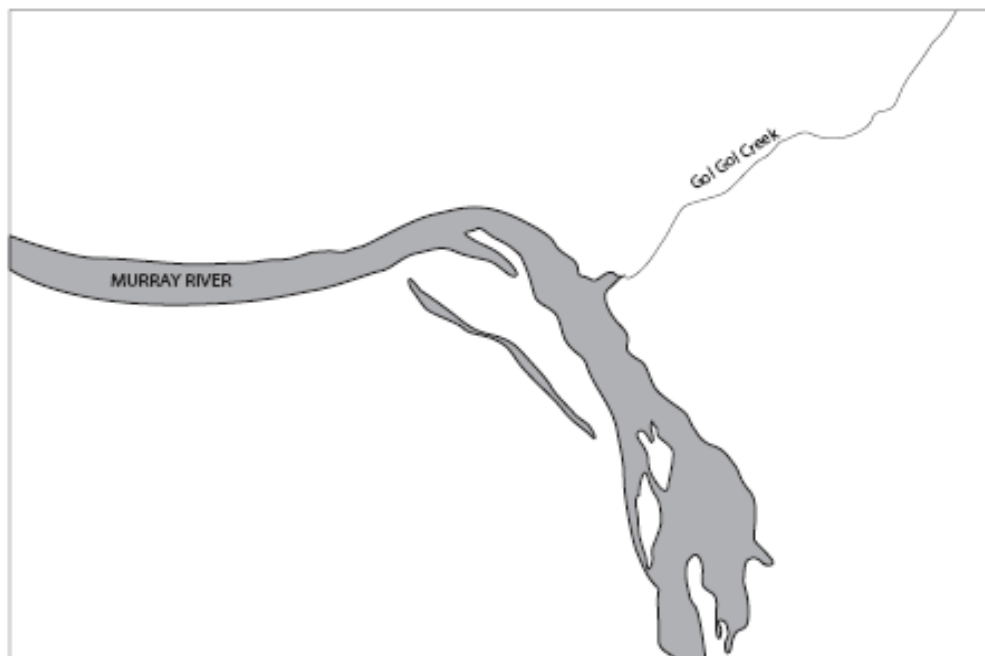
Refer to the Mildura Topographic map for the following questions 1 to 5.

1.
  - a. Using the outline map below (showing a small area taken from around Gol Gol Bend on the Murray River, east of Mildura), create a map to show the distribution of land subject to inundation and recreational resources within this small sub-region.

Complete your map with the correct geographic conventions.

Note: some of the symbols are faint on the map so take care when reading.

(4 marks)



- b. Describe the spatial association between the land subject to inundation and the recreational resources as seen on your completed map. (3 marks)

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2. The feature located at GR 105173 can be classified as a human resource. Classify this resource in one other way. Justify your classification.

Classification \_\_\_\_\_

Justification  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

3. Which of the following features, located at these grid references, is not an example of a current water control feature being used to manage water? (2 marks)

(circle your choice)

- a. 073176
- b. 096141
- c. 147175
- d. 138162

Justify your answer.  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

4. The most accurate description of the geographic characteristics of the region, as shown on the topographic map and aerial photograph, would be: (circle your choice)

- a. Relatively flat topography with built up areas being the dominant land use, covering approximately 60 per cent of the region. There is a strong spatial

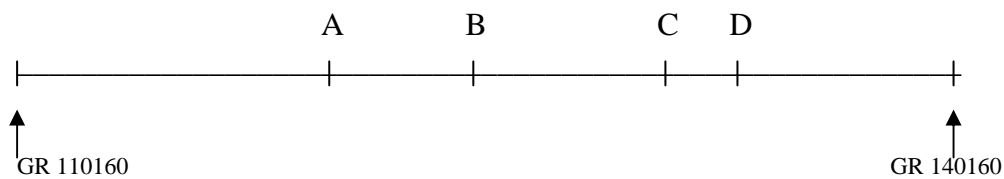
association between built-up areas and the Murray River, especially on the western bank.

- b. Relatively undulating topography with the Murray River flowing in a south-north direction. There is a strong spatial association between the distribution of land subject to inundation and vehicular tracks as movement through flood-prone regions is severely restricted in times of flood.
- c. Relatively flat topography. Orchards/vineyards, built-up areas and recreational features being the most dominant land uses. Spatial interaction between people living on the east and west bank of the river, at this location, is restricted to the Murray Bridge.
- d. Relatively undulating topography with the Murray River meandering through the region. Agriculture in the form of orchards/vineyards is the dominant land use, though the distribution of farmland is largely restricted to areas with an elevation of less than 30 metres.

(2 marks)

5. Below is a transect line taken from the topographic map. Follow the northing line from 110160 to 140160. Identify and name the features located at A, B, C and D on this transect.

(2 marks)



Feature	Letter	What is the feature?
Human	A	
Recreational	B	
Natural	C	
Economic	D	