

Year 12 Unit 3 Geography: Regional Resources

Data Sheet on a location in the Murray Darling Basin

The data sheet will be completed *individually or in pairs* and will be copied and shared by all members of the class. This will provide all students with several case studies on locations to add to the case studies to be completed in class. The data sheet requires you to research and refine **one** location.

Presentation

The 'Data Sheet on a location in the MDB' will have:

- No more than 2 A4 sheets.
- In black and white printing so it is easy to copy for all class members.
- Visual information including pictures, maps and graphs that must be **clear** and accurate.
- BOLTSS applied where necessary.
- Visual information that has figure numbers and titles.
- Written work that makes reference to the figures.
- Publisher is a good program to use to develop the data sheets.
- Use a font that is clear eg Times New Roman, Comic sans.
- Borders around text and the page are effective in making information clearer.
- If using 'word' ensure you change the margins to give you more space.
- A bibliography should be included but maybe added separately to the data sheet.
- Ensure you back up your work.

The report should contain the following:

1. Location of the region

Include

- Map of the region under investigation
- Written description of the location

2. Outline the geographic characteristics of the immediate/local region

Students can refer to the headings used earlier in the unit to determine possible headings to cover.

This information could be presented in the form of an annotated map such as is seen in your Text, pages 159 & 161, or a table or written paragraphs.

This section should contain visual information to expand on the written information.

3. Identify the significant issues/conflict present in the location

Conflict is a disagreement over or opposition to current or potential use of a resource; in this case it is water.

Briefly and clearly define the conflict.

4. Identify the groups involved in the conflict

The conflict will involve a number of groups, individuals, organisations both Government and Non-government. They will be at a variety of scales local, regional or national and in some cases international. You will need to identify these and determine their views in relation to the conflict.

Presentation of this information could be done in a summary table as seen below.

Name of group	Scale	Location of Group	Viewpoint and any action undertaken eg. Publicity, demonstration, community meeting
Ramsar	International		Require the wetland to be managed in keeping with its status as a RAMSAR site

5. Identify and rank the factors (SHEEPT) underlying the conflict.

Guidelines can be found on page 174 of *New Perspectives* under the heading 'Conflicts over the use of water.'

6. Are there any policies and/or strategies available in this location to manage water?

1. Identify the management policies and strategies
2. Briefly describe their role.

7. Final summary of the location's future

Present a final discussion on 'What does the future hold for this location and the management of it?'

Given your research; what is your opinion?

Useful Web sites

- www.mdbc.gov.au
- www.thelivingmurray.mdbc.gov.au
- www.dse.vic.gov.au
- www.dipnr.nsw.gov.au
- www.environment.act.gov.au
- www.dwlbc.sa.gov.au
- www.nrme.qld.gov.au
- www.vnpa.org.au
- www.npansw.org.au
- www.ramsar.org
- www.deh.gov.au/water/basins/murray-darling.html
- www.yarrowongamulwala.com.au
- www.rga.org.au
- www.ricecrc.org/
- www.cottonaustralia.com.au/
- www.murrayusers.sa.gov.au/big_picture1.htm

Topic list

Rice growing: Riverina
 Cotton growing: SW Q'land
 Salinity: Swan Hill
 Irrigation in the Murray Goulburn
 Artesian water use in Q'land
 Irrigation in Sunraysia
 Barmah/Millewa red gum forests
 Narran Lake
 Adelaide Water Supply
 Hattah/Kulkyne NP
 Griffiths Irrigation Area
 Chowilla wetlands

Rice Growing: Goulburn Valley
 Cotton growing: Macquarie River
 Choice of Urban centre in the basin
 Murray River House boats
 Artesian water use: NSW
 Irrigation in the Riverina
 Menindee Lakes
 Willandra Lakes
 Macquarie Marshes
 Darling between Bourke & Wilcannia
 Tourist location