Regional Methods

Published

The Powells Creek catchment is located in the Inner Western Suburbs of Sydney and drains stormwater runoff from an urban area into Homebush Bay. A stream gauge operated on this stormwater channel in the period 1958 to 2005. The catchment area upstream of the gauging station is 2.4km^2 while the total catchment area of Powells Creek is 8.4km^2. The catchment centroid is 151.093^{o}E, 33.8774^{o}S and the catchment outlet is 33.8702^o S 151.091^o E.

1. Calculate the 10%, 5%, 2%, and 1% flows using the RFFE tool.
2. Discuss the reliability of these predictions given the assumptions used in the development of that model.

Assignment 2 Presentation

The report is to be written as a memo from an employee to a manager outlining the basis of the study, the methods of analysis used, and will develop some conclusions and a recommendation. Hence the report will include an introduction, the main body, and some conclusions. The report itself is not to exceed 10 typed pages with a 12 point font and single line spacing - pages in excess of this will not be marked. Excessive diagrams will be considered as additional written pages.

Points	20
Submitting	a file upload
Allowed Attempts	2

Due	For	Available from	Until
Mar 28	Everyone	-	-