

A level Geography

H481/01 Physical systems

Question Set 8

Earth's Life Support Systems

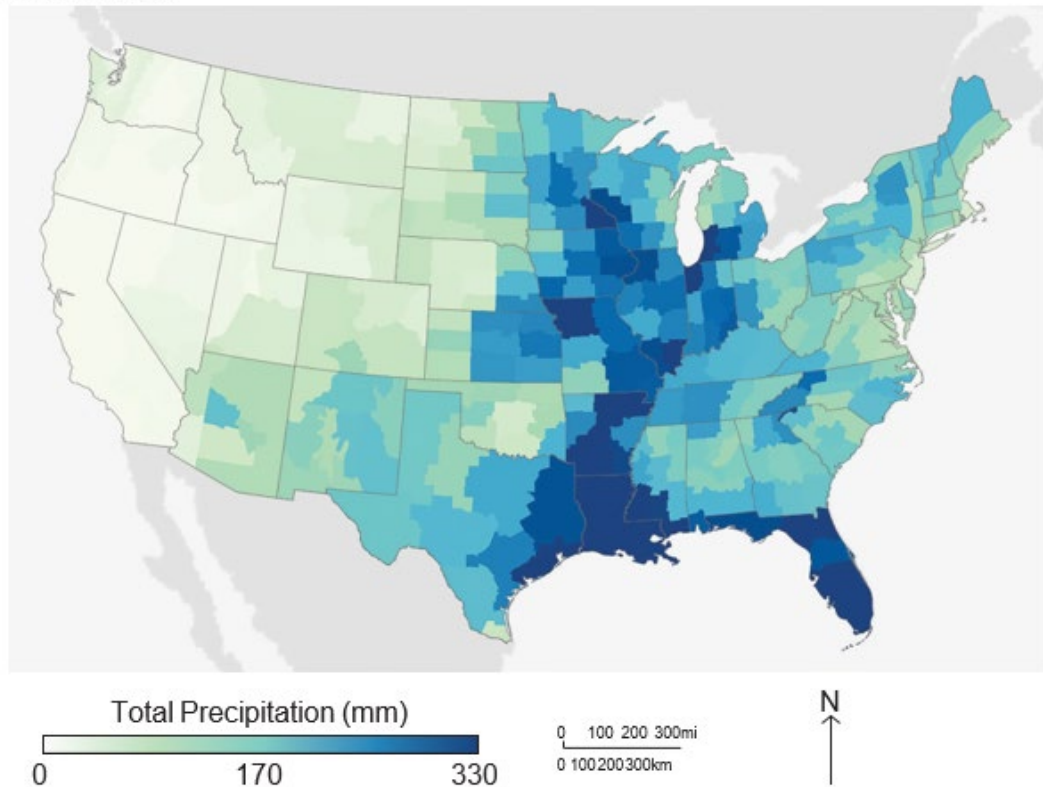
- 1 (a)** Study **Fig. 1**, precipitation totals across mainland USA in August 2016.
- (i)** With reference to **Fig. 1**, suggest how variations in precipitation totals influence runoff processes in the water cycle. **[4]**
- (ii)** Explain **three** limitations of presenting rainfall data using choropleth maps. **[3]**
- (b)** Examine how feedback loops can affect the processes and stores within the carbon cycle. **[10]**
- (c)*** Assess the extent to which deforestation and farming affect the water and carbon cycles of a tropical rainforest. **[16]**

Total Marks for Question Set 8: 33

Resource Materials

1 (a) (i) Fig. 1 – Precipitation totals across mainland USA

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