

Revision Checklist: Rivers

Long profile, channel cross profiles, valley cross profiles.	
Erosion: hydraulic action, abrasion, attrition, solution; vertical, lateral.	
Transportation: traction, saltation, suspension, solution.	
Upper course landforms formed by erosion: interlocking spurs, waterfalls, gorges.	
Middle course landforms formed by erosion and deposition: meanders, ox-bow lakes.	
Lower course landforms formed by deposition: flood plains, levées, estuaries.	
Factors affecting flood risk: precipitation, geology, relief, land use.	
Hydrographs.	
Hard engineering: dams, channel straightening, embankments, flood relief channels.	
Soft engineering: flood warnings, flood plain zoning, planting trees, river restoration.	
Example of the causes and effects of a flood: Boscastle.	
Example of flood management and its effects: Boscastle.	