



read

River Landscapes

Landforms of Erosion and Deposition



quiz

The Big Picture

river valleys and processes

river landforms*

River Landscapes

river management

case study

Key Terms



Helicoidal flow – The cork-screw-like flow of water in a meander.



Meander – One of a series of bends in a river.



Oxbow lake – A curved lake formed when a river cuts off a meander.



Pools – Areas of deep water and greater erosion in a river.



Riffles – Areas of shallow water created by the deposition of coarse sediment.

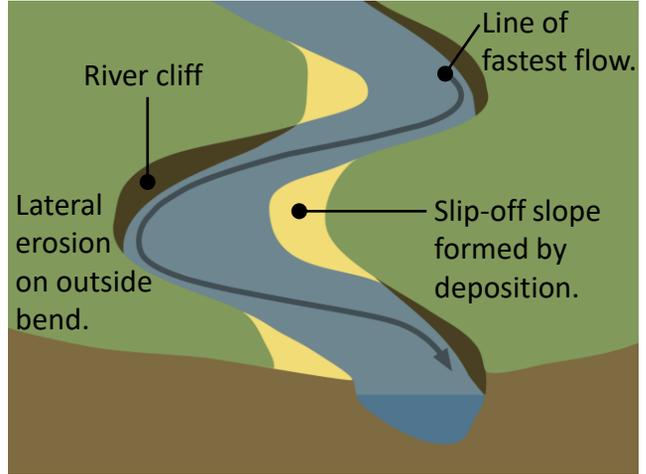


River cliff – Cliff formed by lateral erosion on the outside bend of a meander.



Slip-off slope – A gently sloping river beach formed on the inside of a meander.

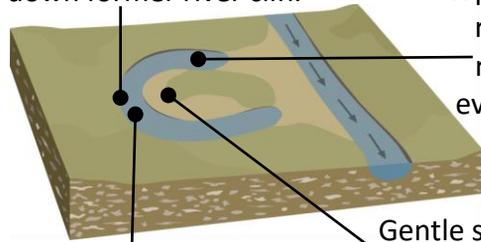
Meander characteristics



Oxbow lake characteristics

Steep drop to the lake down former river cliff.

Stagnant water, topped up by rainfall and reduced by evaporation.



Deepest water

Gentle slip-off slope into the lake.

The formation of an oxbow lake

