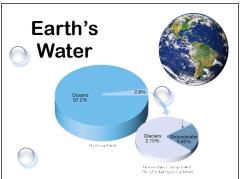
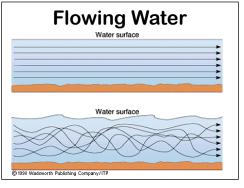
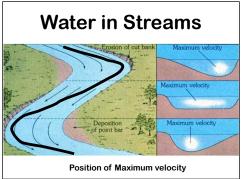
Surface Water

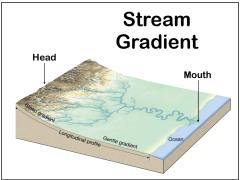
Streams and Rivers

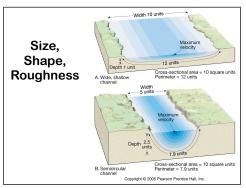






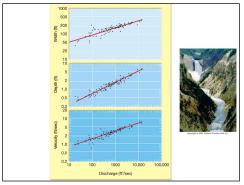


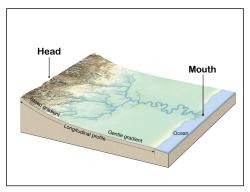


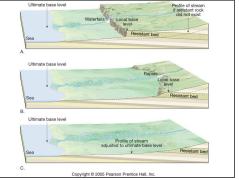


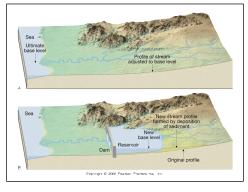
Stream Discharge

$$D = \frac{m^3}{t} = \frac{f^3}{t}$$

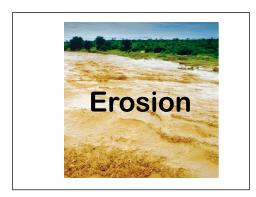


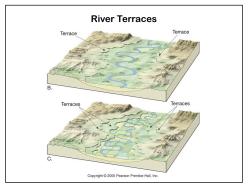


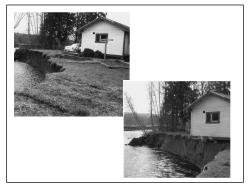


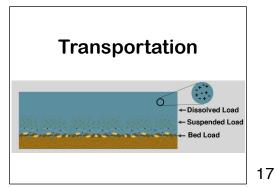


Stream Processes









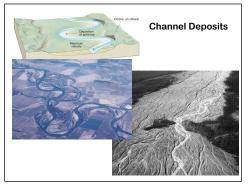
Competence & Capacity

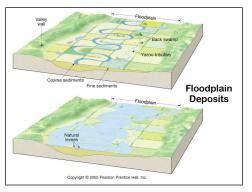
A streams' ability to carry solid particles is measured by these two criteria.

In general, most of the erosion and transportation that goes on in a stream channel occurs during flood stages when velocities and discharges are the highest.

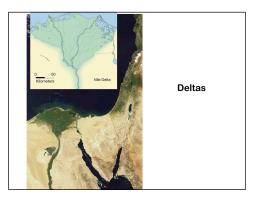
18

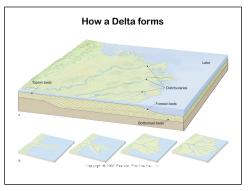
Deposition

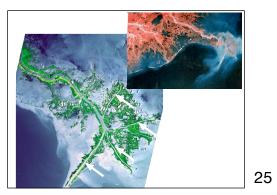


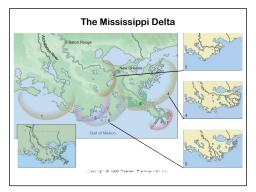




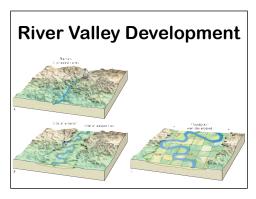


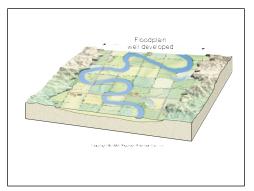


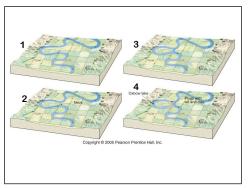


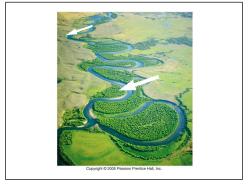


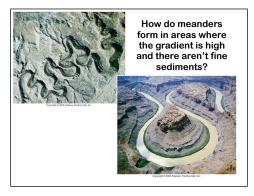


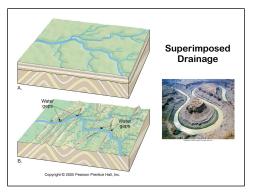




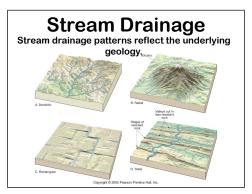


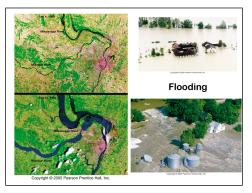












Next Lecture

Ground Water

