

Sheet flow

Hortonian runoff

- Flash floods features of arid regions
- Porosity of the sediment determines the rate of water drainage.
- Wider porosity = faster drainage
- Smaller porosity = slower drainage
- conditions for sheet flow
-

Saturated runoff

- Progressively the bottom of the valley gets saturated
- LOOK UP

Pipe or subsurface flow

Rain splash

Variables that affect erosion;

Topography

- Slope angle
- Slope length

Vegetation

- Binds soil together
- Diverts water

Crusts

- Salt can bind particles together

Grain size

- More energy to move bigger ones

Preview from Notesale.co.uk
Page 4 of 4