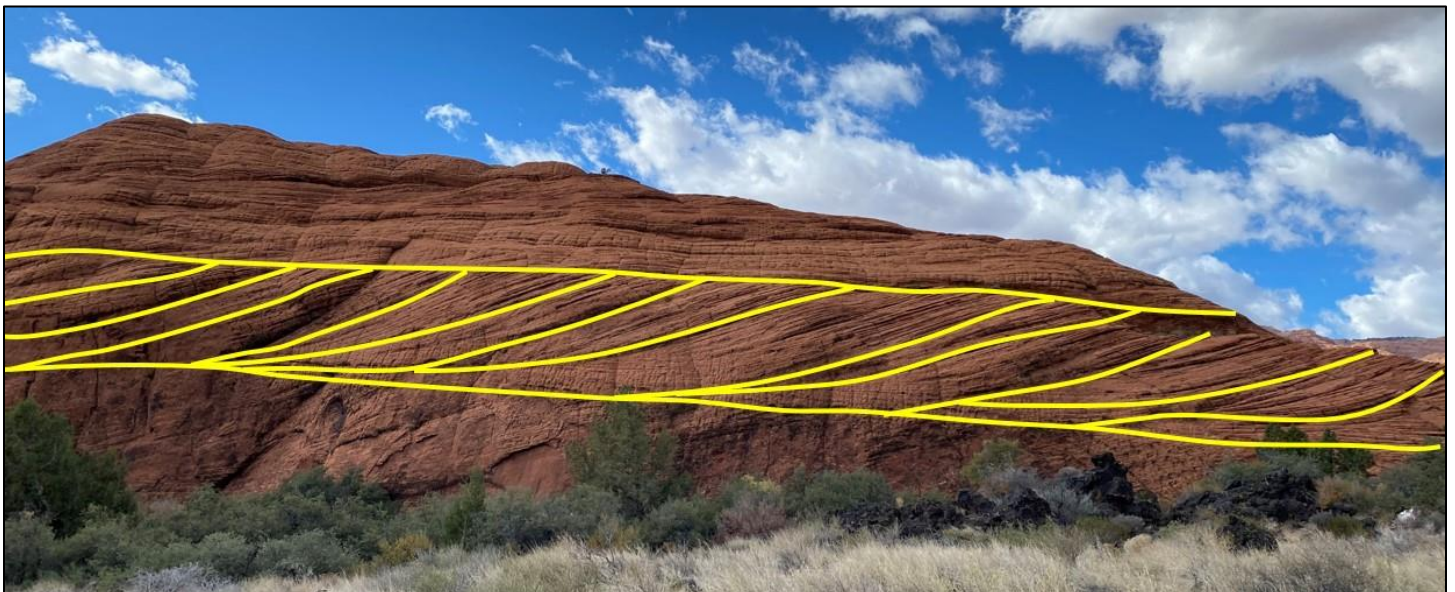


Friends of Snow Canyon Geology Hike

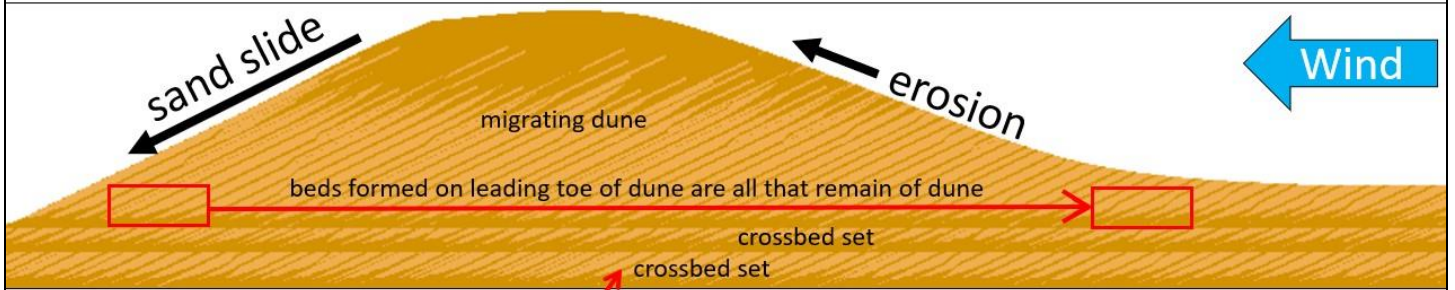
Petrified Dunes – Crossbed Sets



Petrified Dunes – Inclined bedding within the middle crossbed set



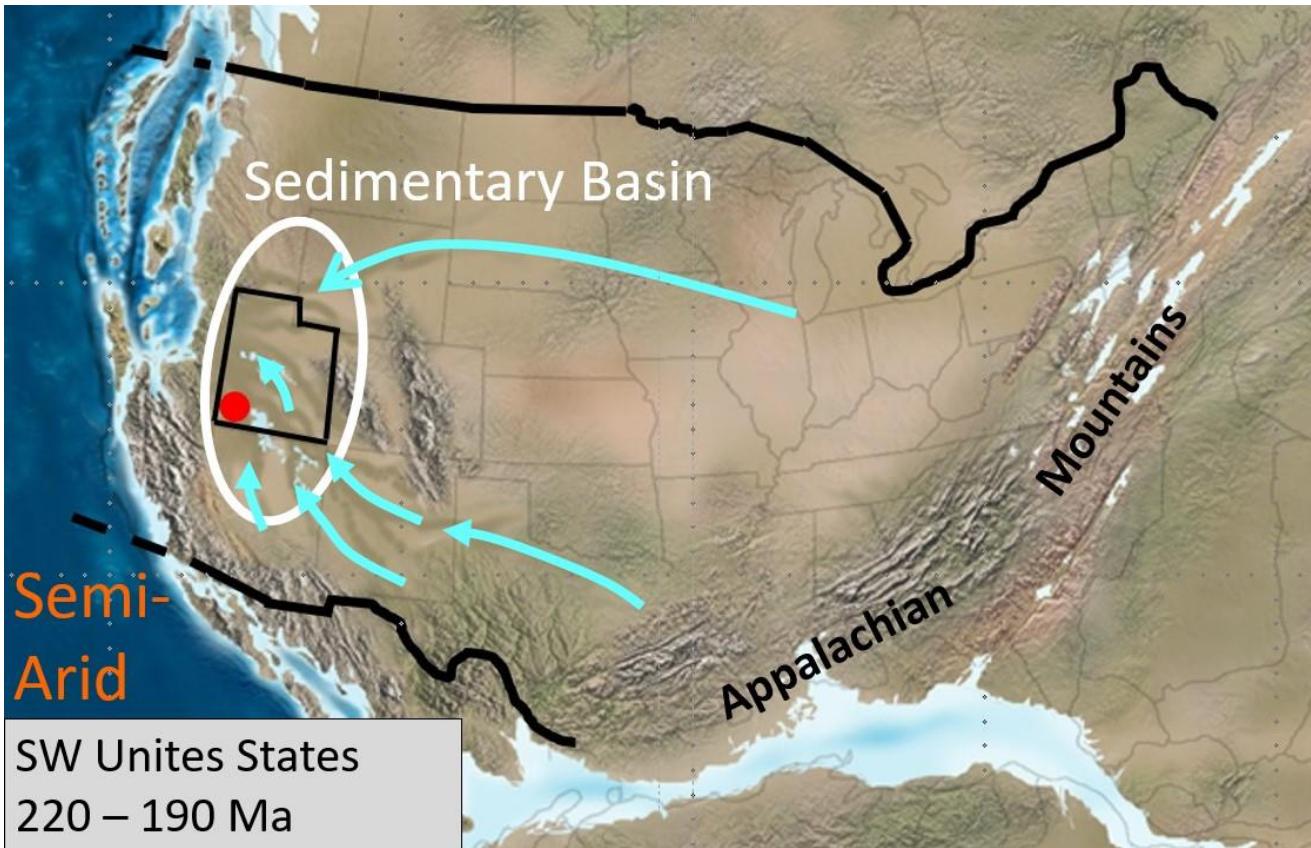
Sand dune migration



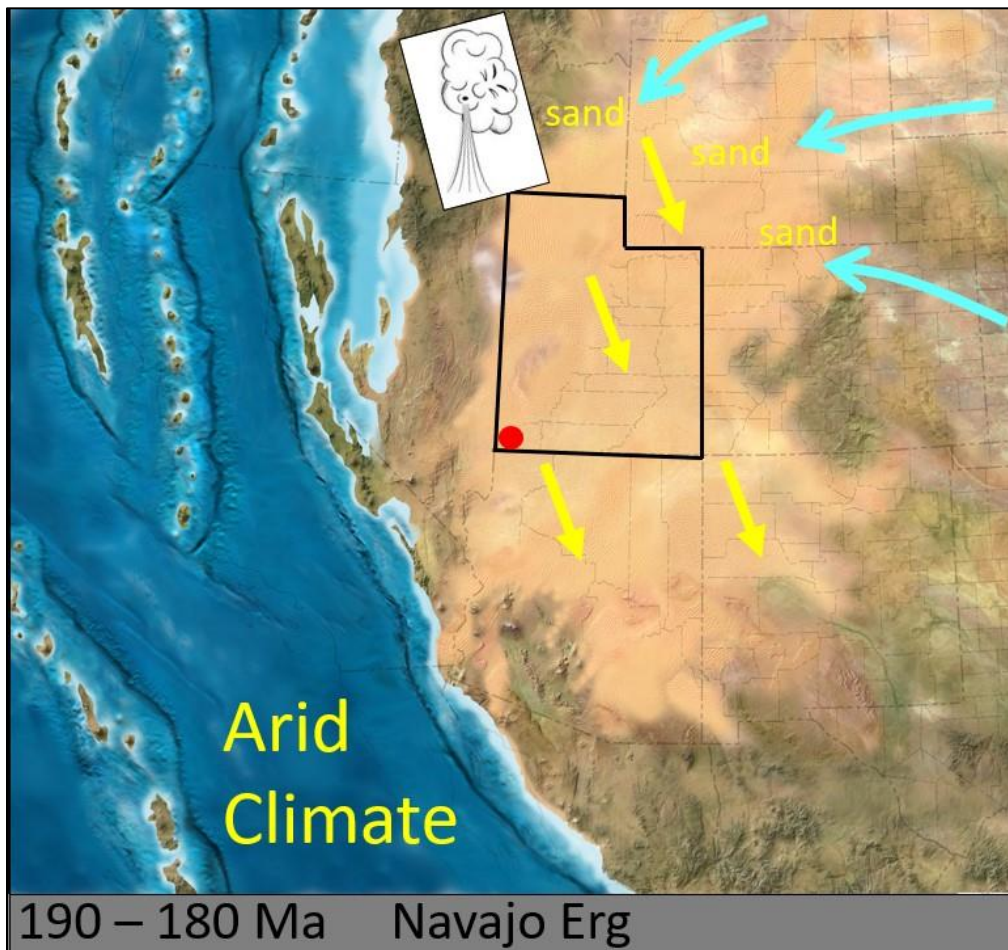
Crossbed sets

Wind carries sand grains from the back of the dune (erosion); sand builds up on the crest of the dune; crest becomes unstable and collapses; sand slides down the face of the dune to create a thin bed of sand.

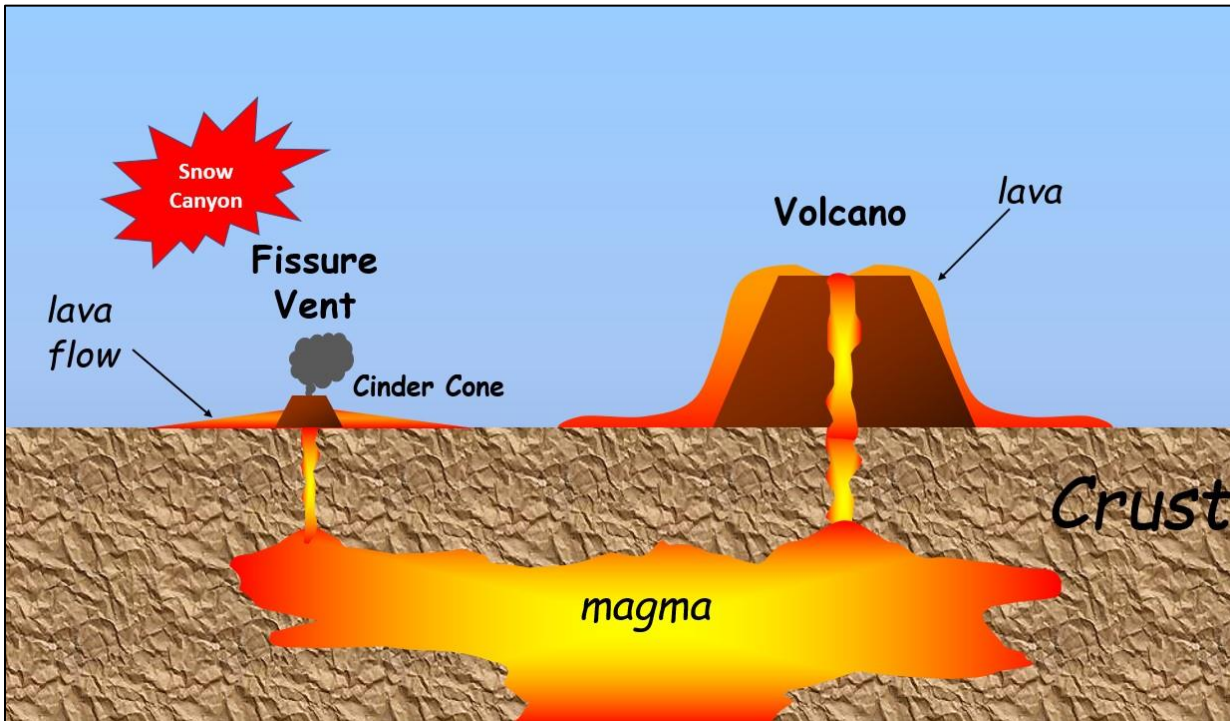




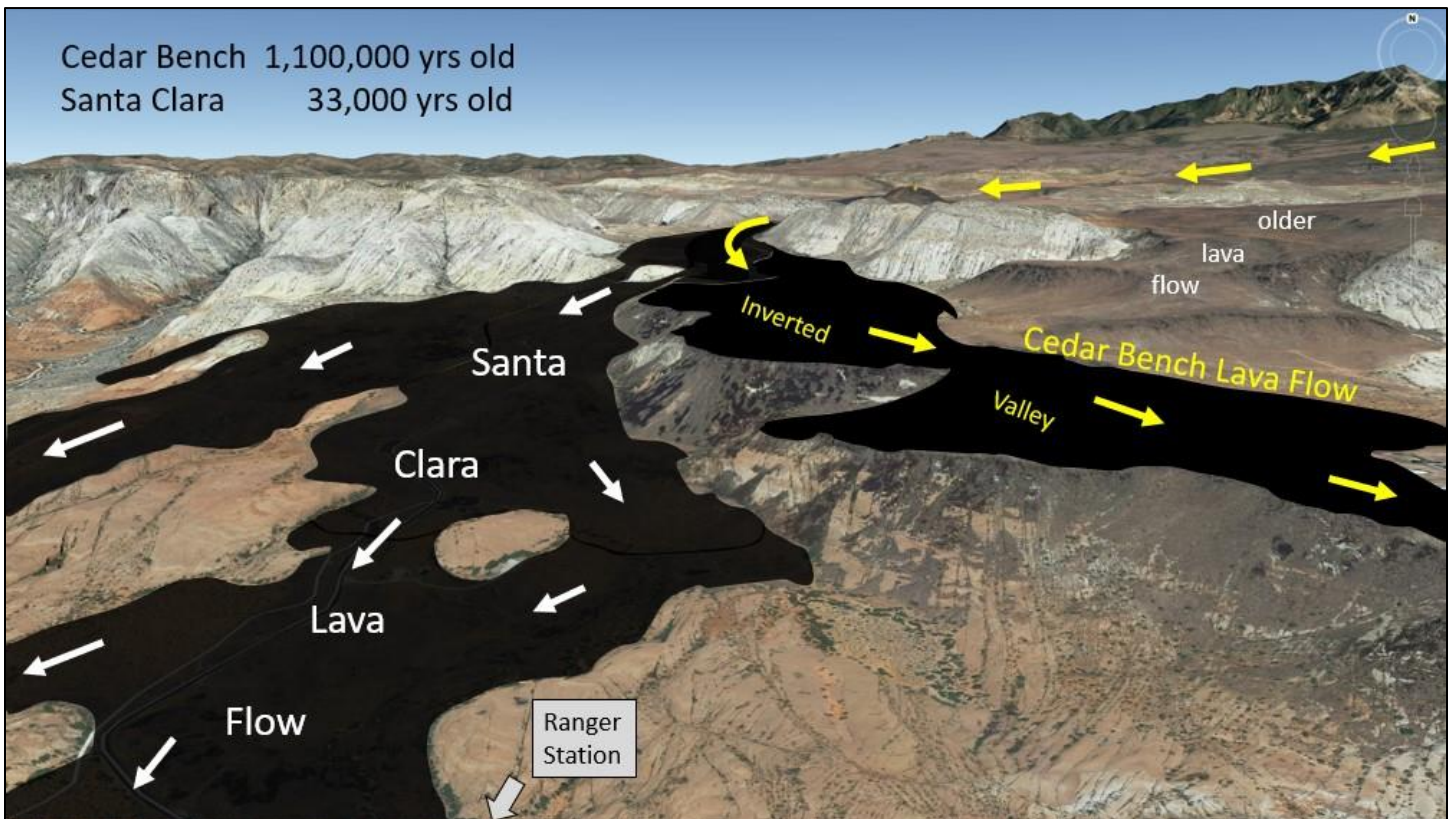
Rivers carry sediment from Appalachians into a sedimentary basin



Rivers carry sand from Appalachians to NW US; persistent winds blow sand south to form Navajo Erg



Volcano versus Fissure Vent



How an Inverted Valley is Formed

