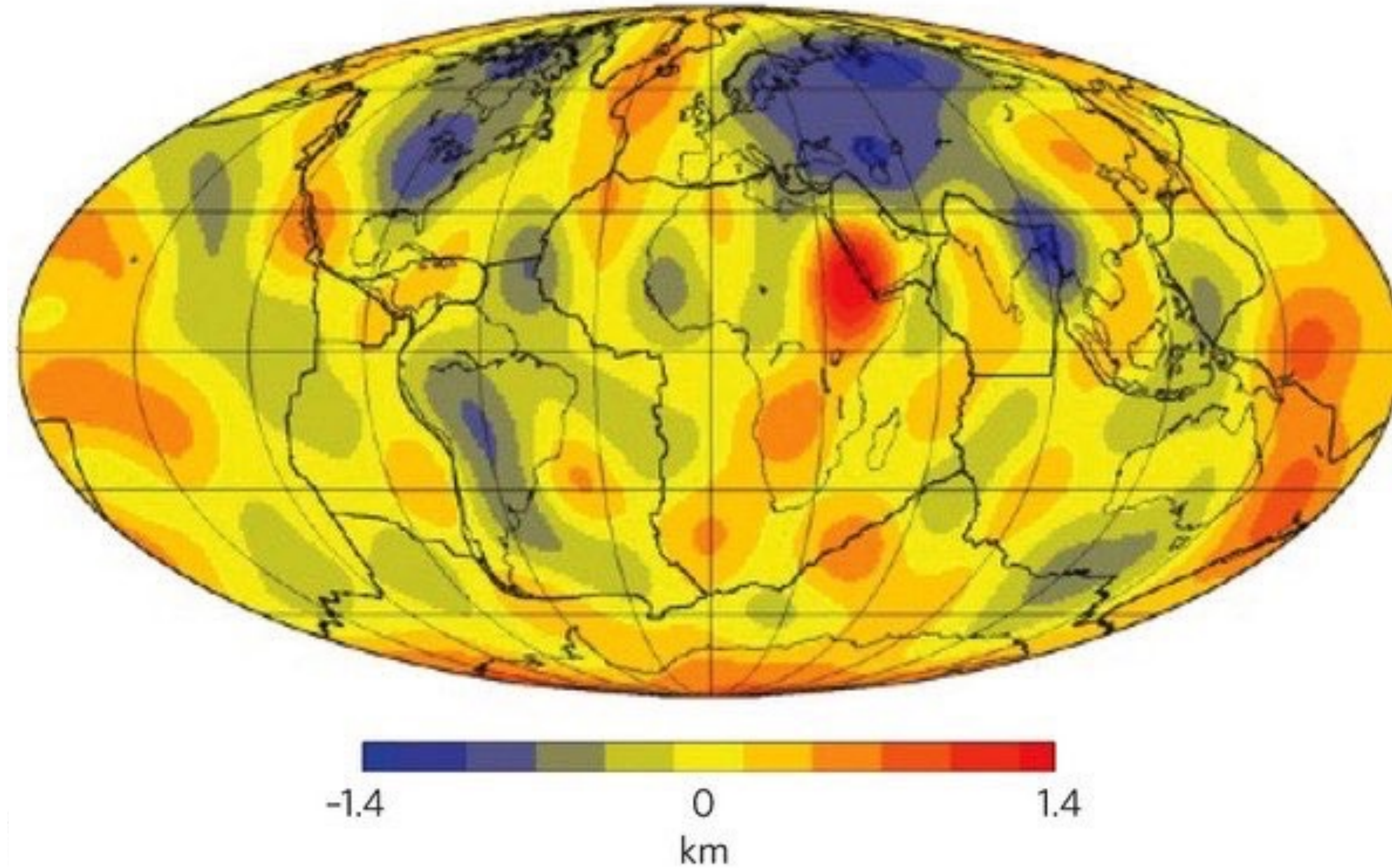


How do basins form?

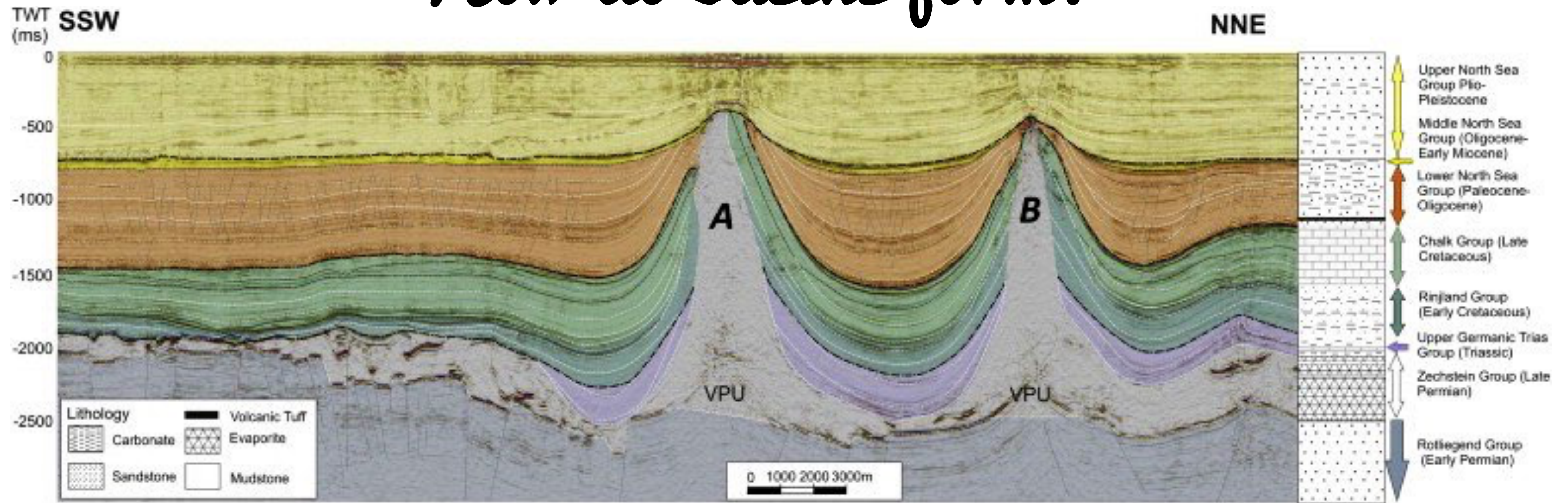


Estimates of present dynamic topography [Braun 2010]

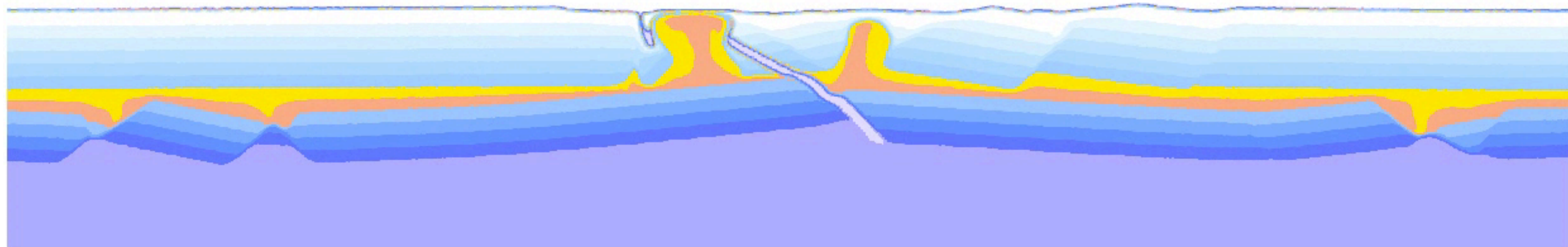
**Mantle-driven
tectonics**

Dynamic topography is **transient**, varying as mantle flow changes, and is characterised by **small amplitudes** and **long wavelengths**.

How do basins form?



Salt Diapirs in the Netherland North Sea [Harding & Huuse, 2015]



Underworld simulation of Salt Tectonic [Rey]

salt
tectonics