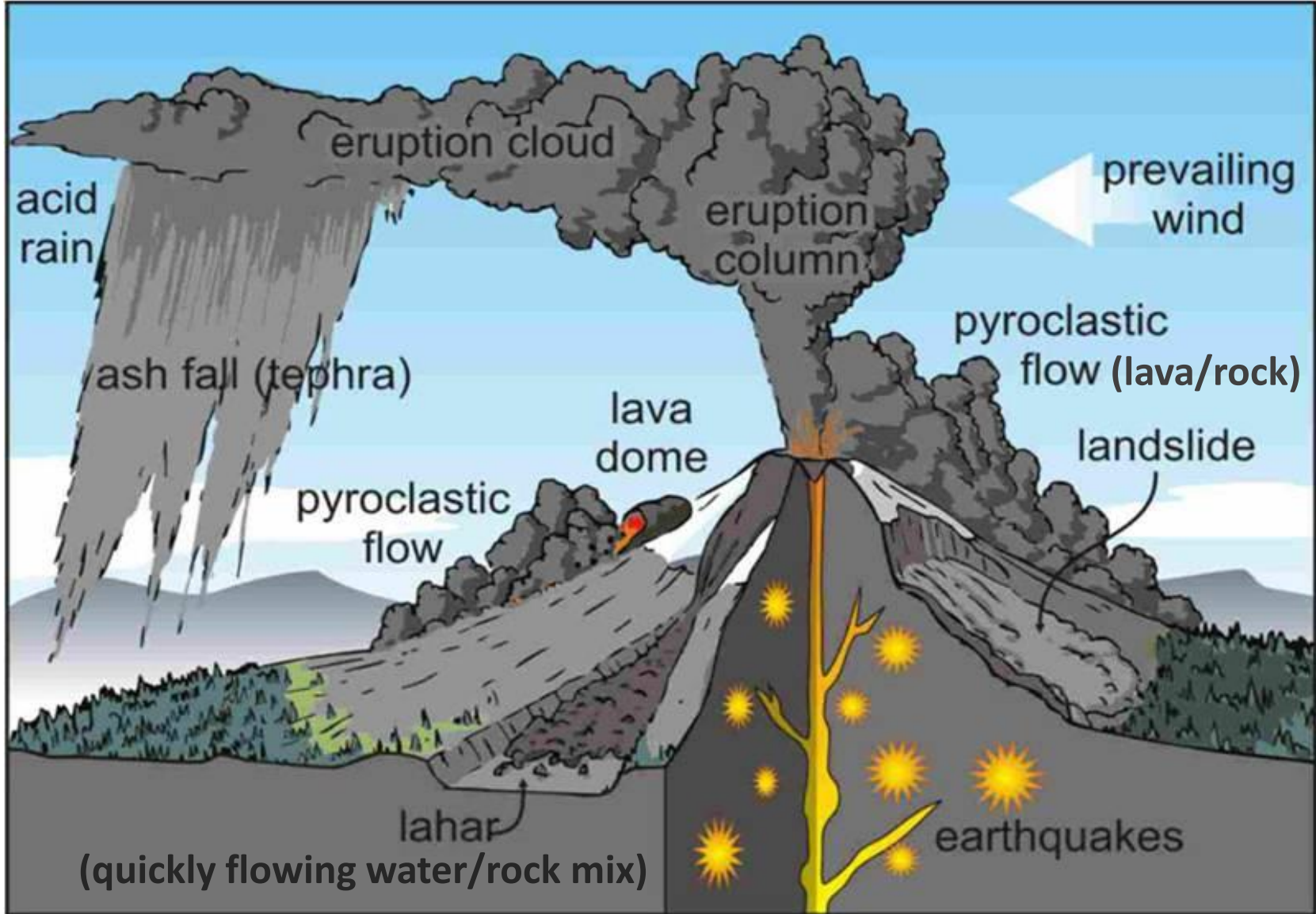


Explosive Eruption Diagram



Volcanic Eruption: Explosive

Very high viscosity magma prevents the release of volcanic gases; gases accumulate, and the magma pressure builds up... until it is blasted out in an explosion!



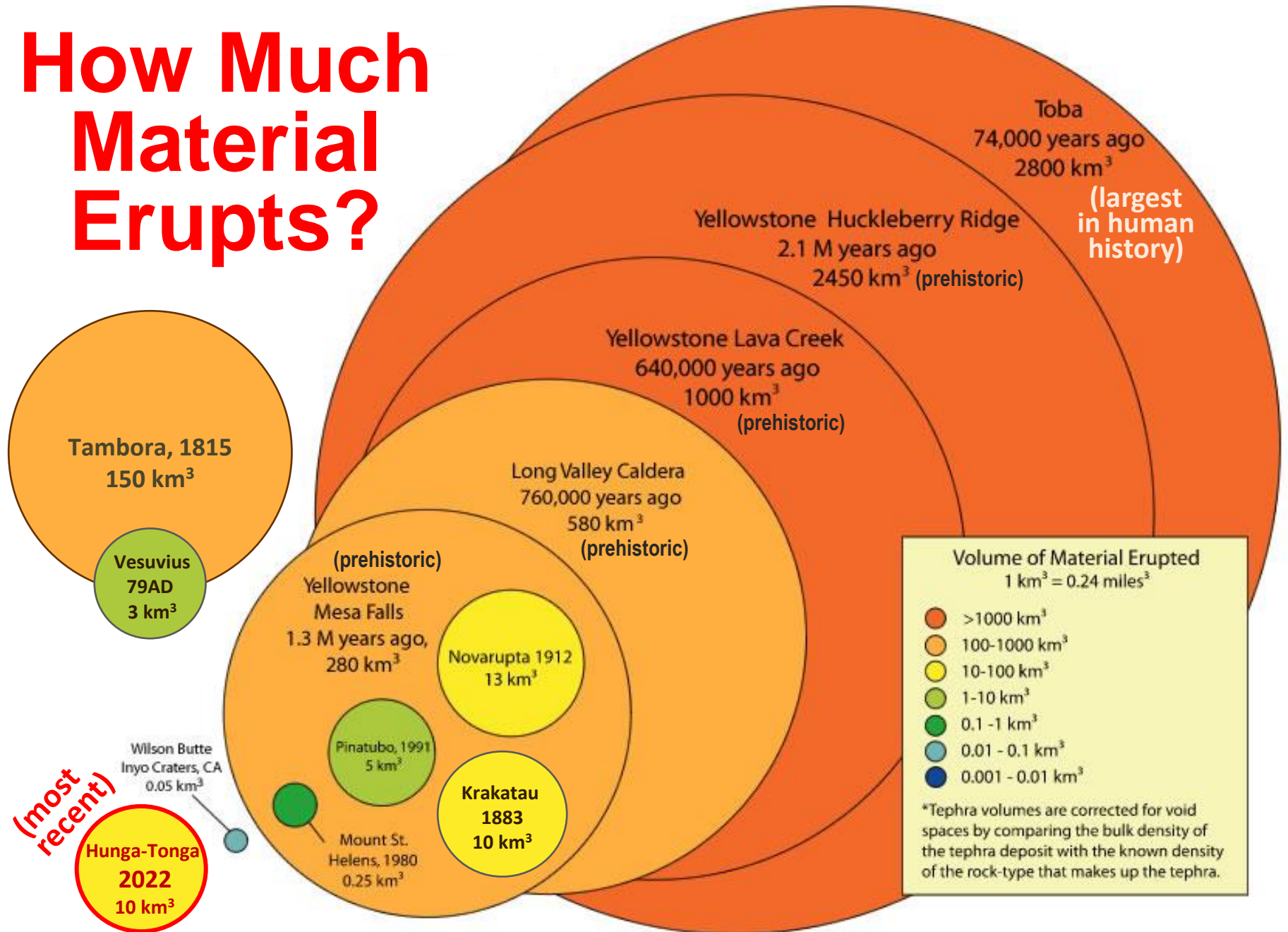
Volcanic Eruption: Non-explosive

- Most volcanoes erupt basalt, a fluid **low viscosity lava** that erupts *effusively* (quietly) and forms *flows* with occasional *fountains*.



- **Higher viscosity lava** with low gas content produces bulging lava *domes*.

How Much Material Erupts?



(most recent)