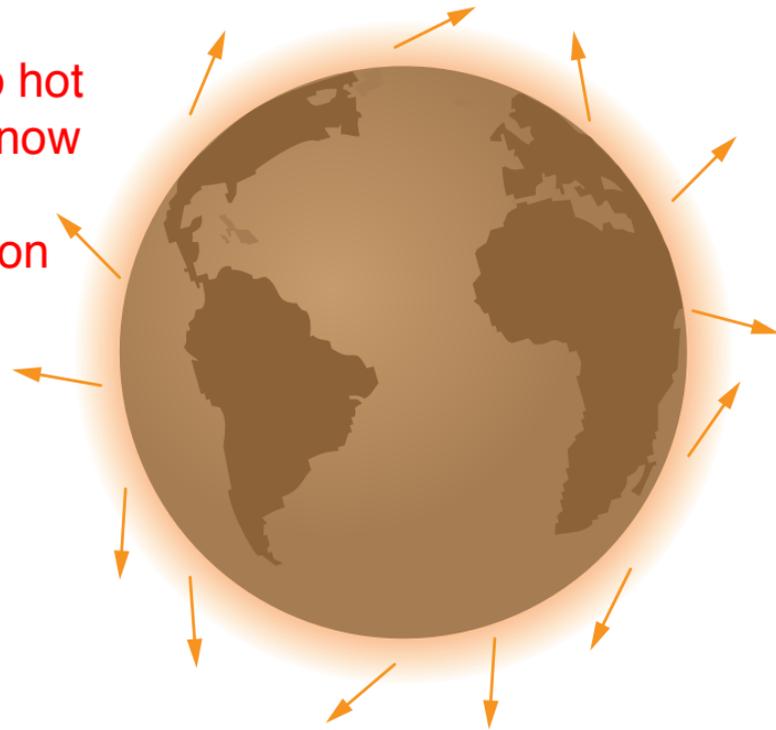


Planet close to Sun

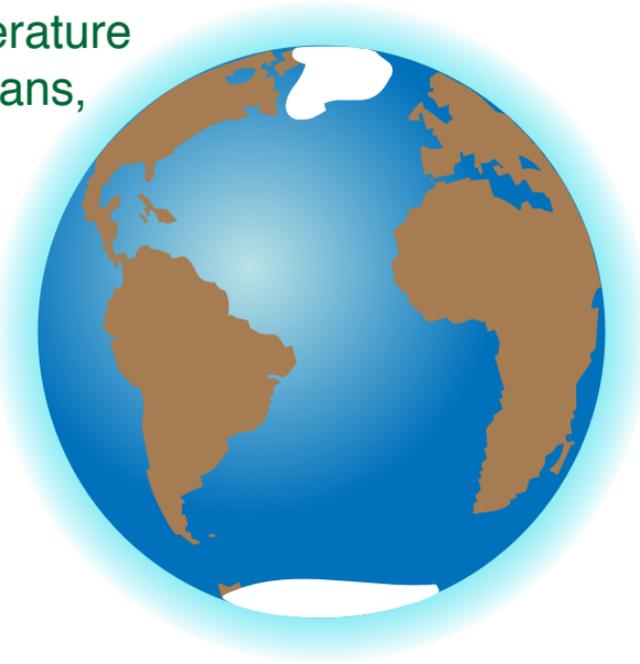
surface too hot
for rain, snow
or ice, so
little erosion



large surface temperature
allows gas to escape

Planet near Sun

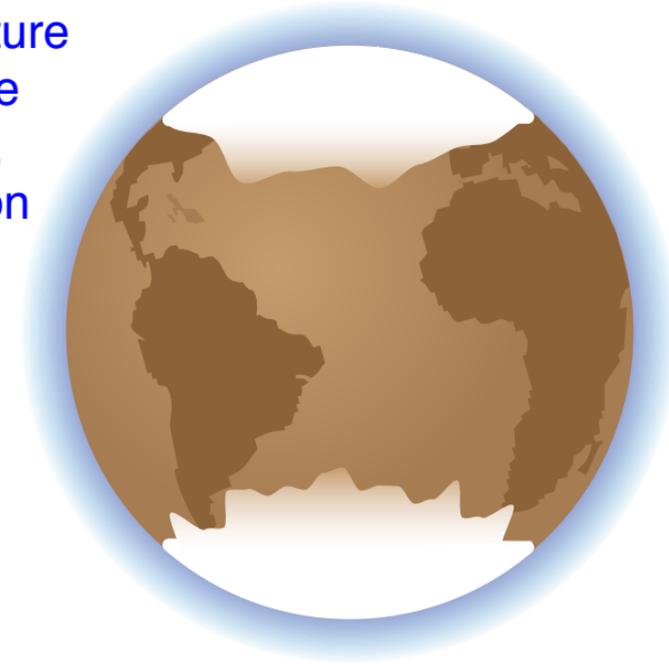
mild temperature
allows oceans,
rain, snow
and ice,
leading
to erosion



mild temperature allows
planet to hold atmosphere

Planet far from Sun

cool temperature
allow for some
snow and ice,
limiting erosion



cool temperature allows
atmosphere, but gases
may condense to ice