

September 23, 2020
MSE 2101 topics

- Digression: how to study for the test?
- The greenhouse effect: continued
 - The carbon dioxide cycle: rainfall → erosion → deposits → subduction → melting → outgassing → dissolving
 - Carbon dioxide cycle is Earth's thermostat!
- The concept of a habitable zone
- Will Earth freeze or burn if it moved ± 1 mile?
- Being in the habitable zone does not guarantee habitability!
- Why did Venus keep its carbon dioxide?
- Ok, but why does Venus not have water?
- The runaway greenhouse effect – a broken CO₂ cycle!
- Sooo... could young Venus have had oceans and even life?
- The boundaries of the habitable zone today