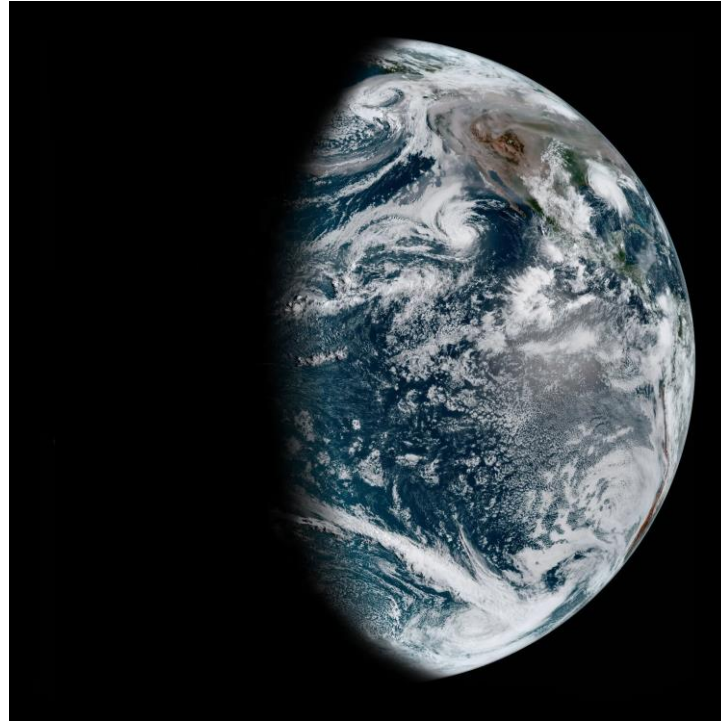


Questions

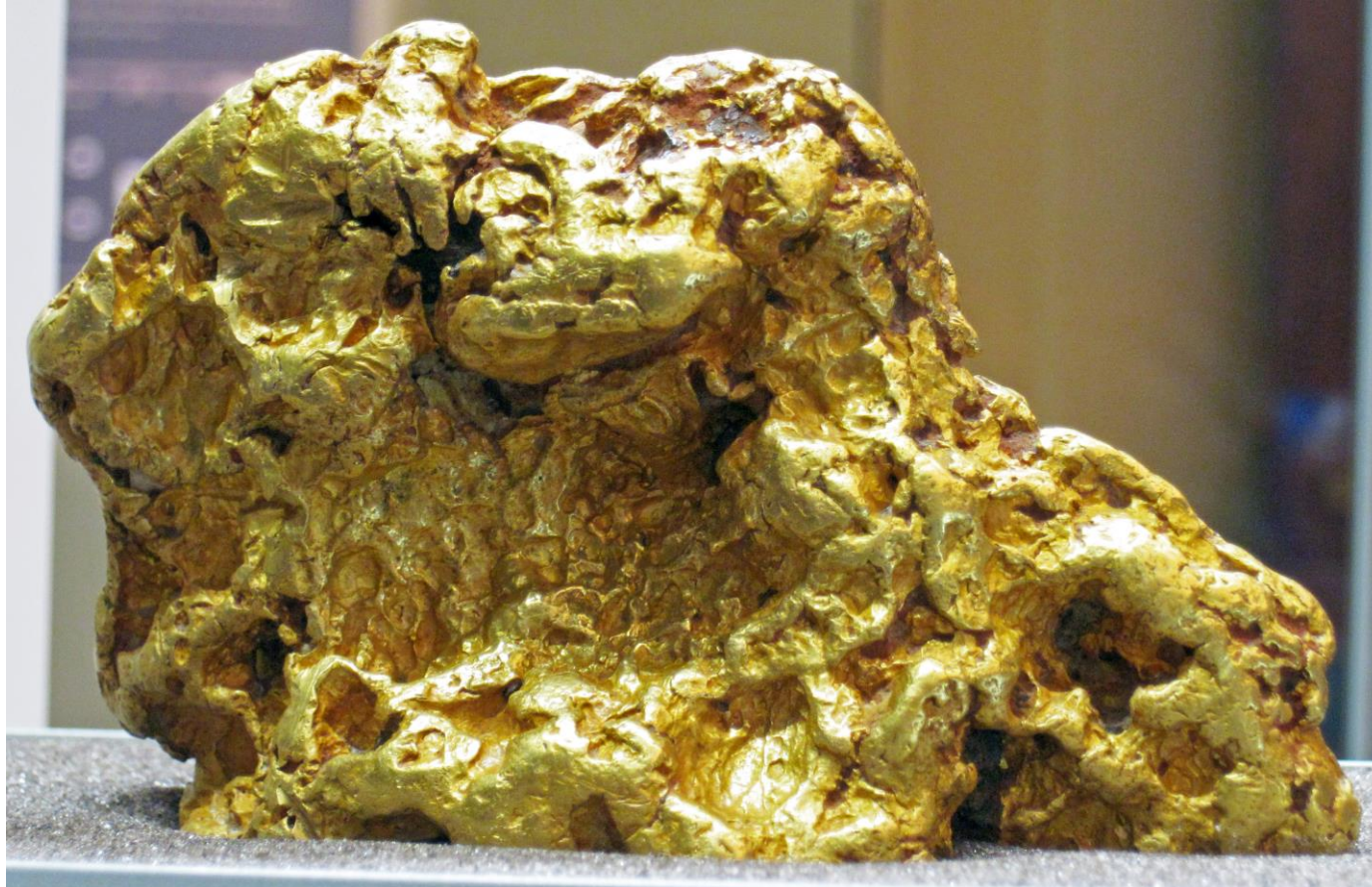
1. How old is the Earth?



4.543 billion years old



2. Where are gold atoms formed?

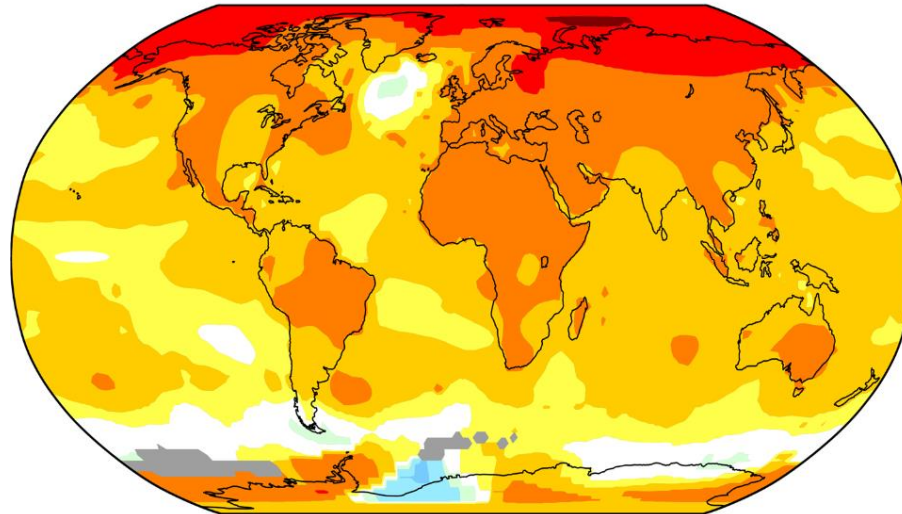


Gold atoms form in a super nova explosion.

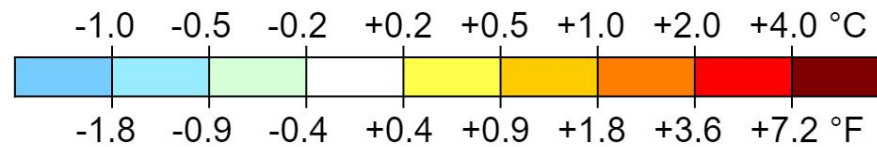


3. What is currently driving the increase in average global temperature?

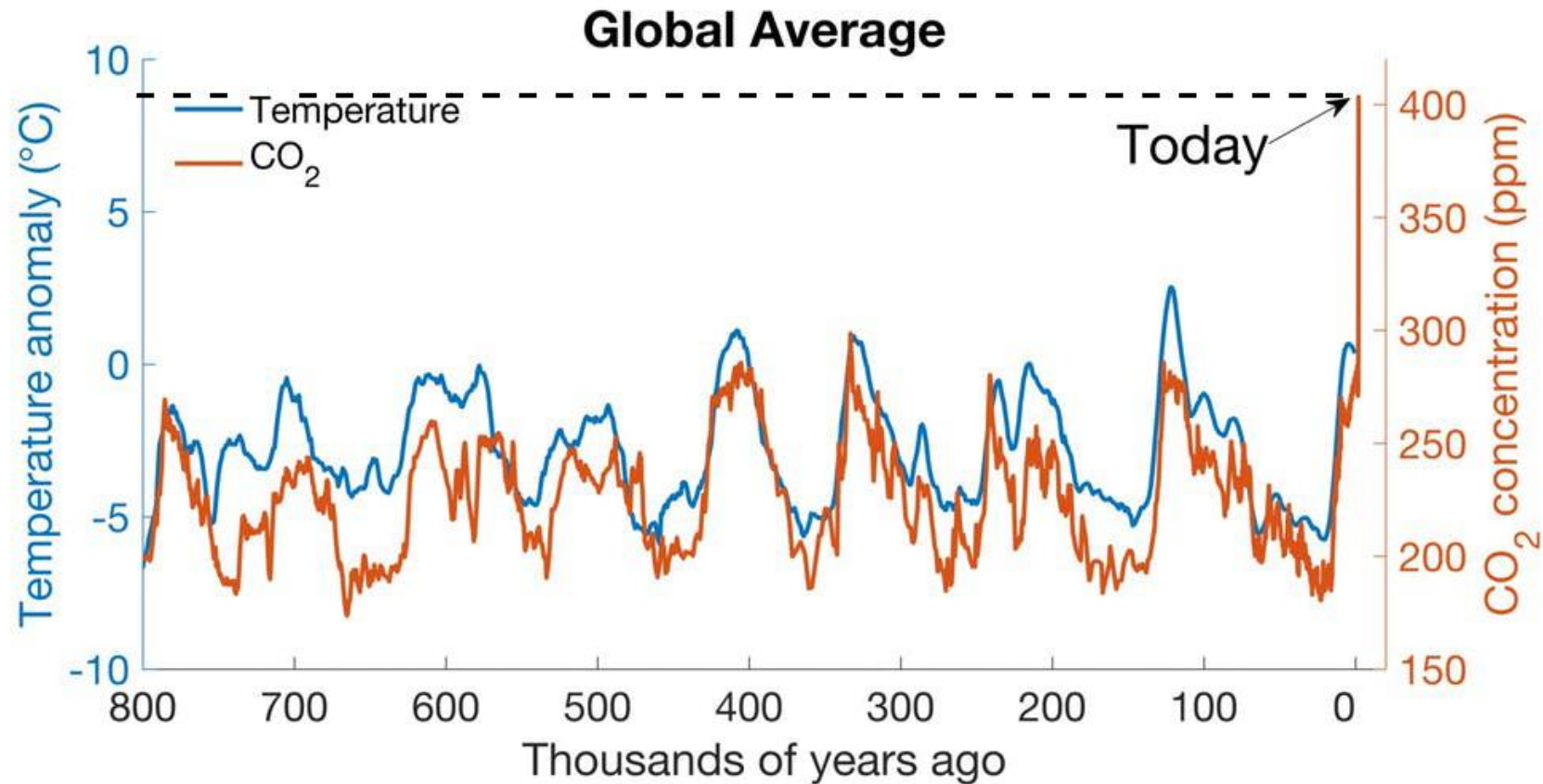
Temperature change in the last 50 years



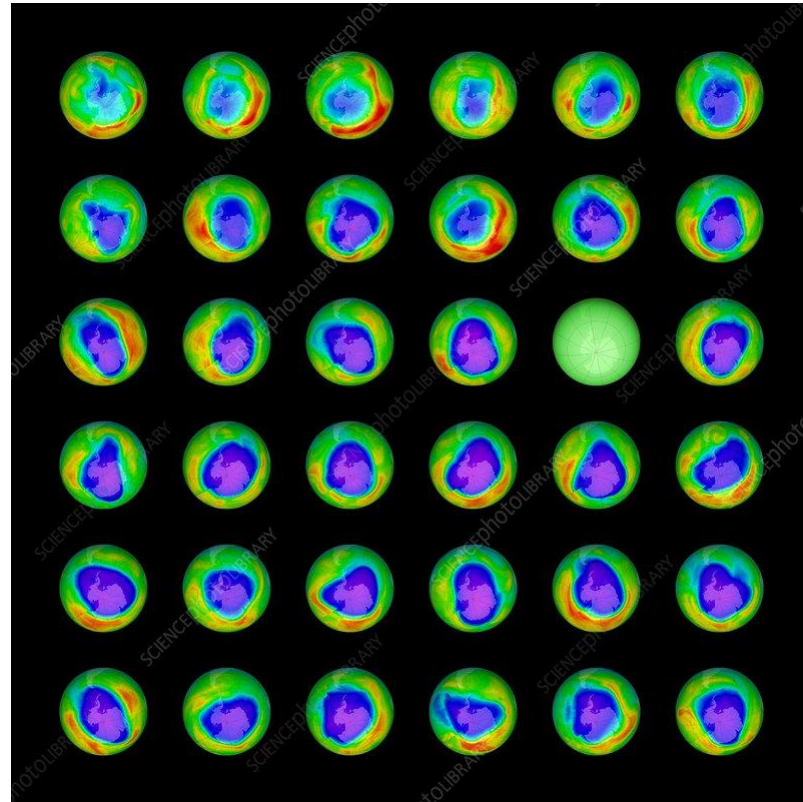
2011-2020 average vs 1951-1980 baseline



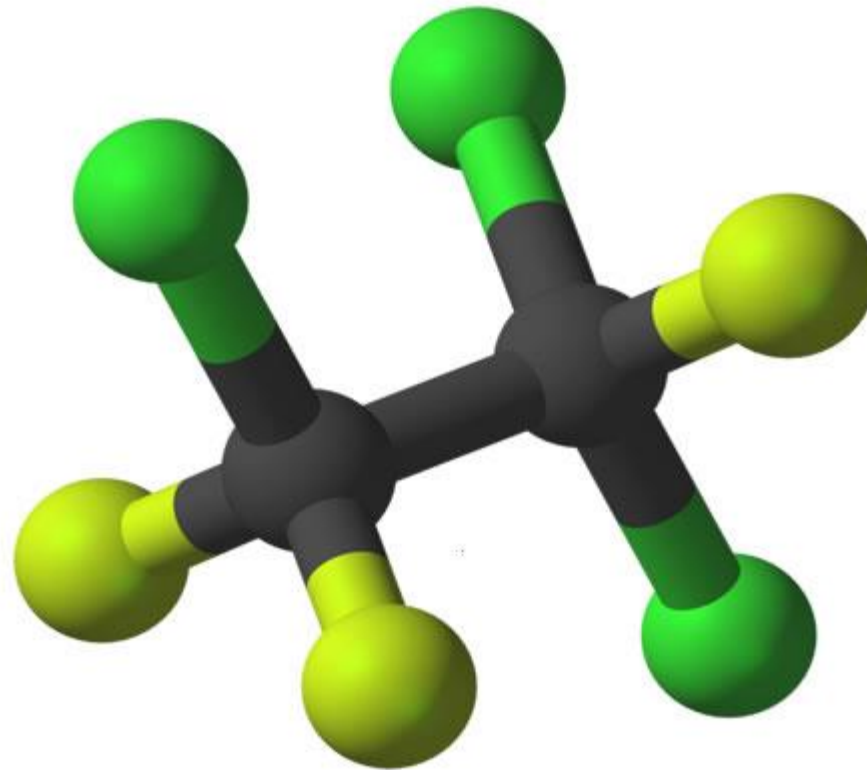
Increase in 'greenhouse' gases in the atmosphere.



4. What caused the ozone layer of Earth to become dangerously thin?



CFC's : Chlorofluoro Carbons



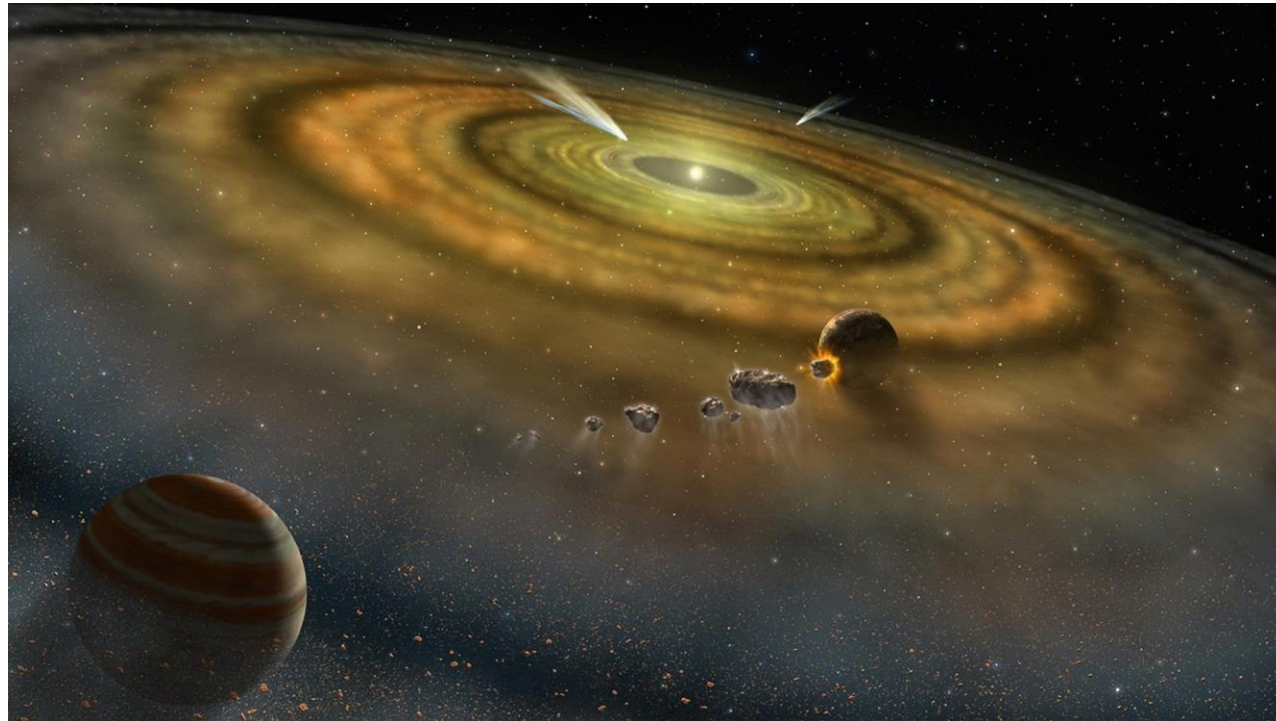
5. What type of storm has the highest sustained wind speeds on Earth?



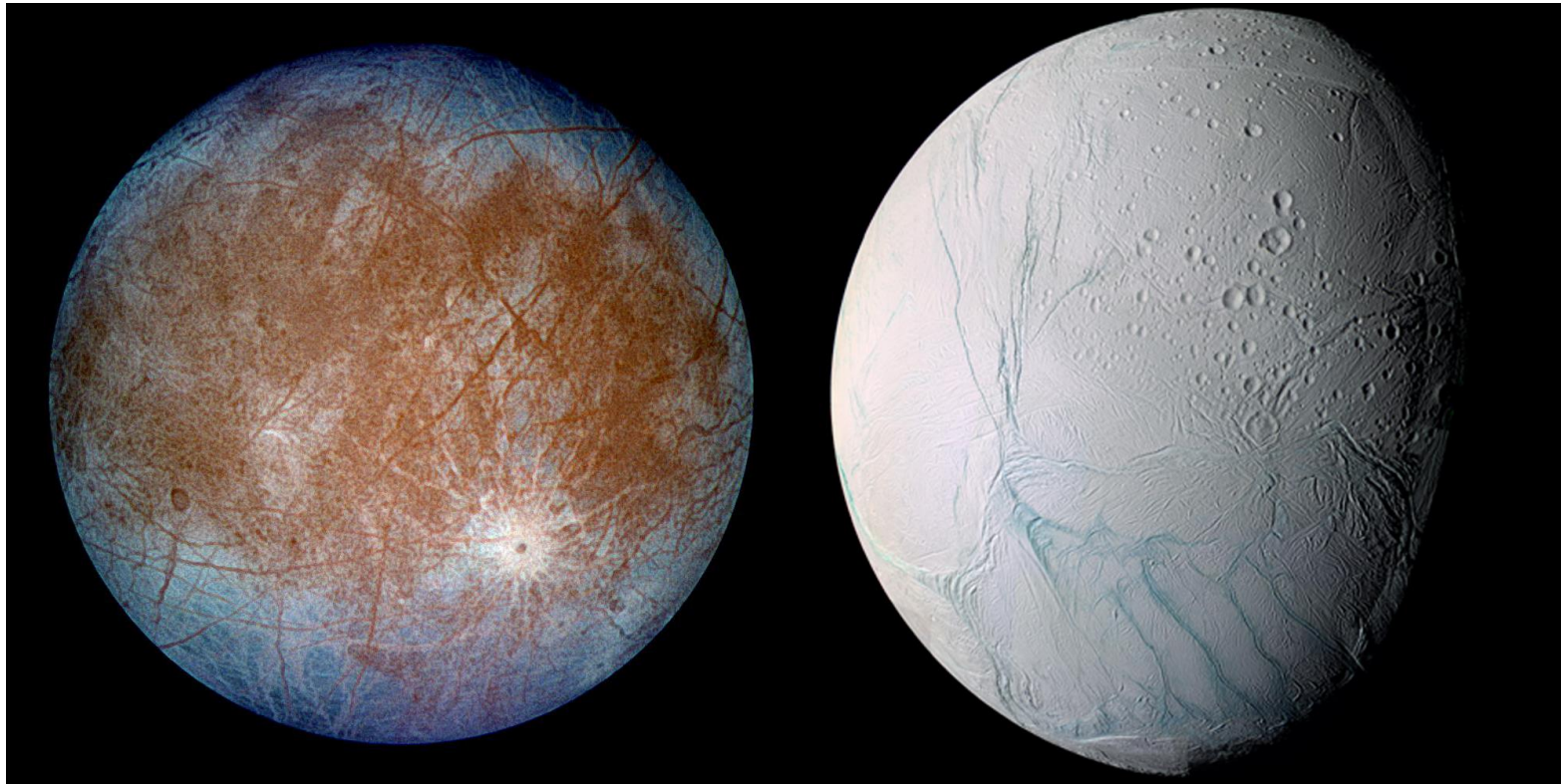
Tornadoes (highest: >300mph)
note: Hurricanes have gone to 190mph



6. Where in our solar system are we most likely to find life?



Europa and/or Enceladus



7. What force carved the Grand Canyon?



The Colorado River



8. What makes caves?



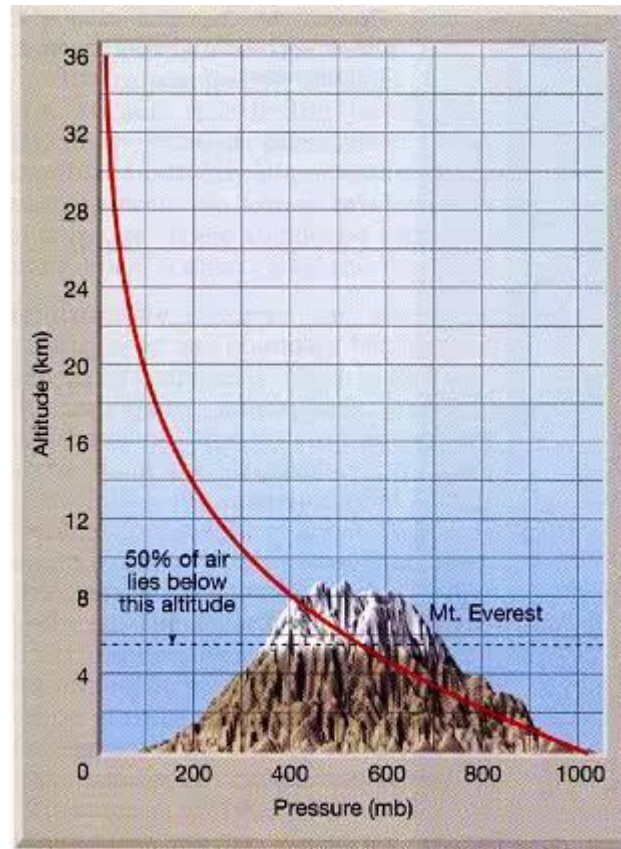
Caves form from the dissolution of limestone by acidic rainwater.



9. How far up is it so that one half of the atmosphere (by mass) is below?



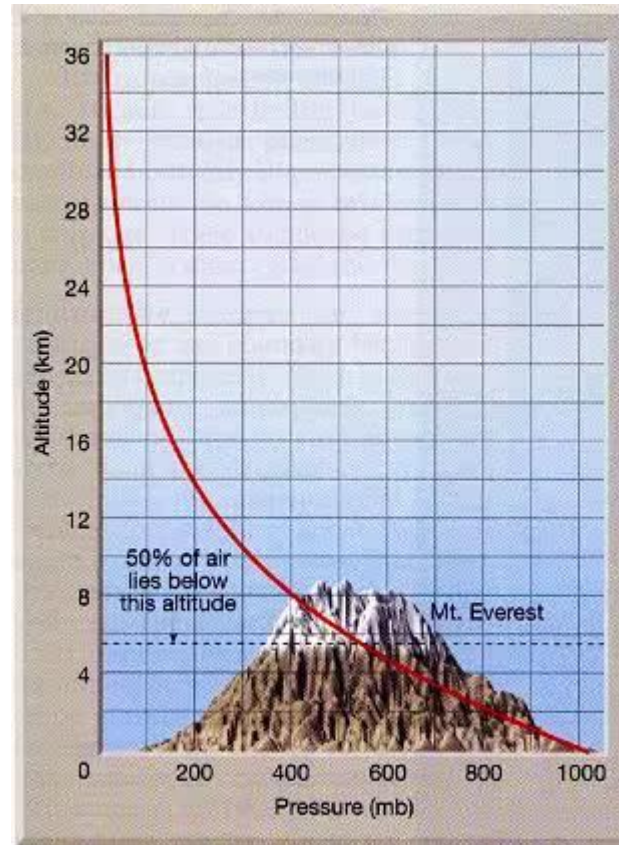
5.5 km (3.4 miles)



10. How tall is Mount Everest?



8.85 km (5.5 miles)



11. When referring to planets, what is the Goldilocks Zone?



The habitable zone where water can exist as a liquid. (not too hot, not too cold)

