

Multiple Choice

- Which below is *not* a process by which CO_2 enters the atmosphere?
 - volcanic eruptions
 - decay of vegetation
 - evaporation
 - burning of fossil fuels
- The *primary* source of oxygen for the earth's atmosphere during the past half billion years or so appears to be:
 - volcanic eruptions
 - exhalation of animal life
 - photosynthesis
 - photodissociation
- Air density normally:
 - increases with increasing height
 - decreases with increasing height
 - remains constant with increasing height
- The so-called "ozone hole" is observed above:
 - the equator
 - the continent of Asia
 - the continent of Antarctica
- Which below is *not* considered a greenhouse gas?
 - carbon dioxide (CO_2)
 - oxygen (O_2)
 - water vapor (H_2O)
 - methane (CH_4)
 - nitrous oxide (N_2O)
- If you are standing north of a smoke stack and smoke from the stack is drifting over your head, the wind direction would be:
 - north
 - south
- A force exerted on a unit area describes air
 - density
 - temperature
 - pressure