

AMBIENT Content Questions

Temperature Inversion – Pollution Simulation

1. Which of the following is true about air inversions?
 - a. Polluted cold air is trapped by a layer of warm air above
 - b. Polluted cold air is trapped by an additional layer of cold air
 - c. Polluted warm air is trapped by a layer of cold air above
 - d. Polluted warm air is trapped by an additional layer of warm air above

2. How do temperature inversions affect air quality?
 - a. A temperature inversion traps cold polluted air at the surface
 - b. A temperature inversion traps warm polluted air at the surface
 - c. A temperature inversion causes increased air mixing increasing pollution
 - d. A temperature inversion causes pollution to be lifted away from the surface

3. Which of the following is not an effect of increased particulates in the air?
 - a. Enhanced sunsets
 - b. Intensified acid rain
 - c. More frequent breathing disorders
 - d. Increased temperature inversions