

CHAPTER 18: AIR POLLUTION

18-1 Nature of the Atmosphere

- Consists of Several Layers



- Air Movements in the Troposphere, Weather and Climate




Diagram:

- Brown Clouds, Melting Glaciers, Atmospheric Cooling

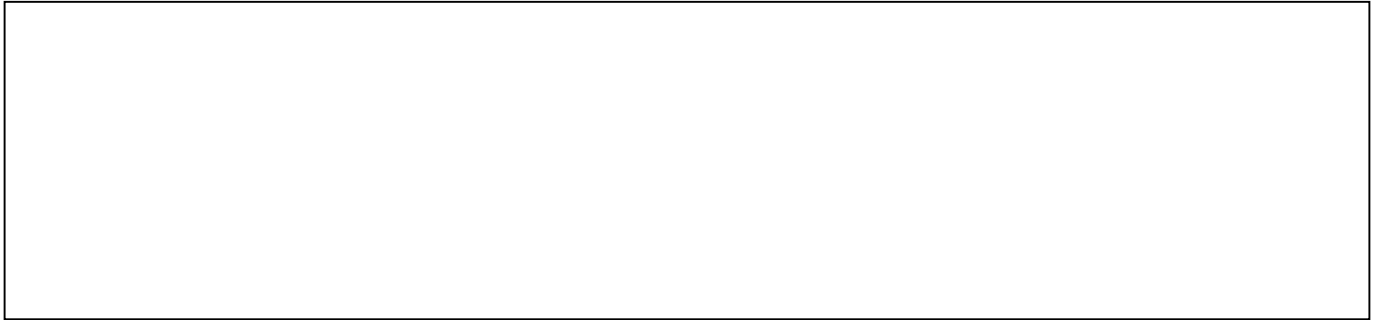


- The Stratosphere

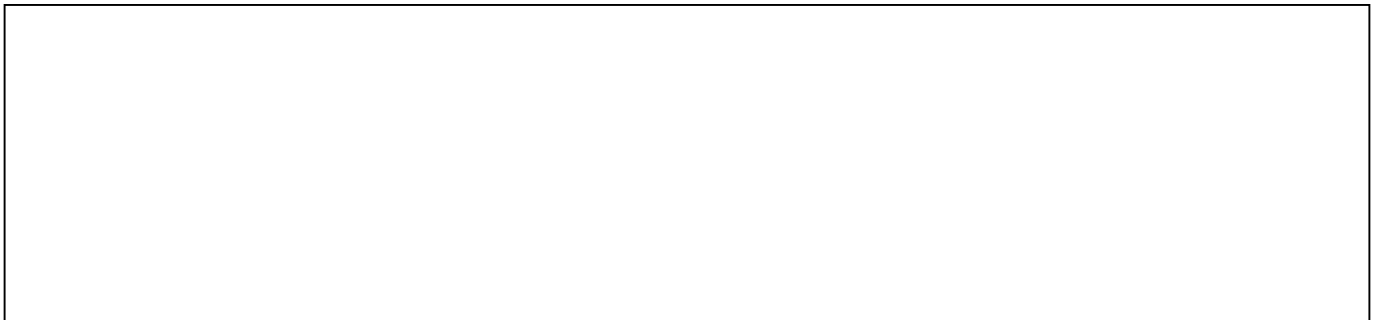


18-2 Major Outdoor Air Pollution Problems

- Natural and Human Sources



- Pollutants Combine to Form Other Pollutants



- Major Air Pollutants



Diagrams:

● Lead

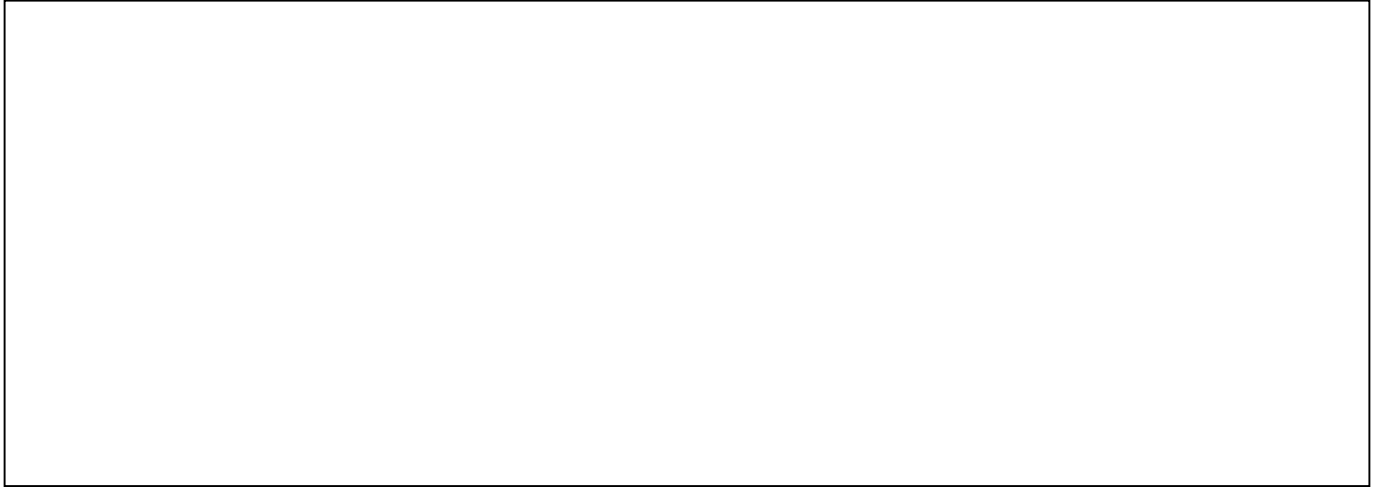
● Industrial Smog

● Photochemical Smog

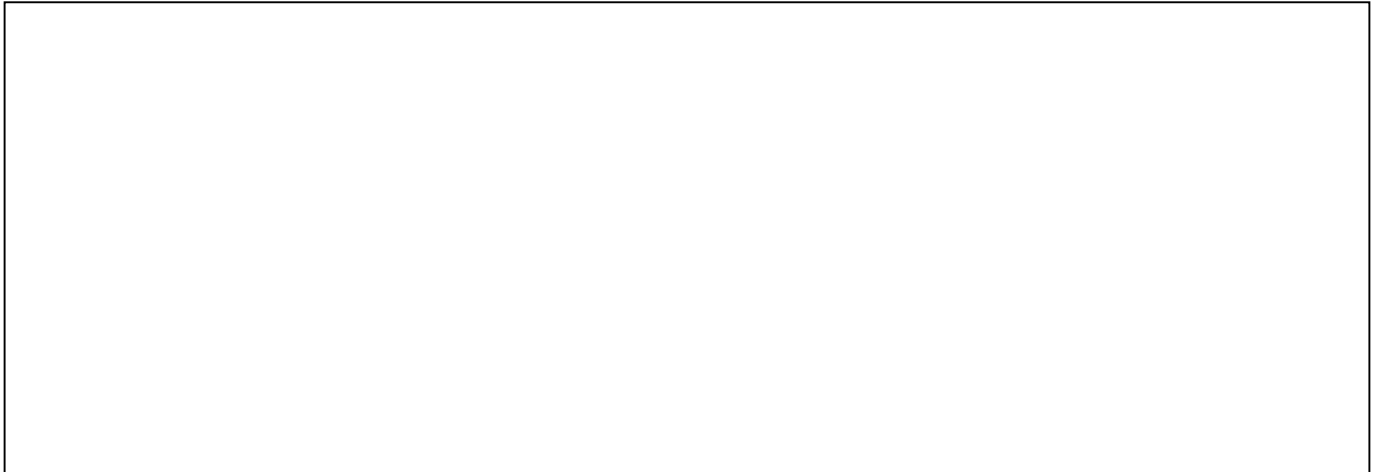
● Factors That Increase/Decrease Outdoor Air Pollution

18-3 Acid Deposition

- Regional Air Pollution Problem



- Harmful Effects

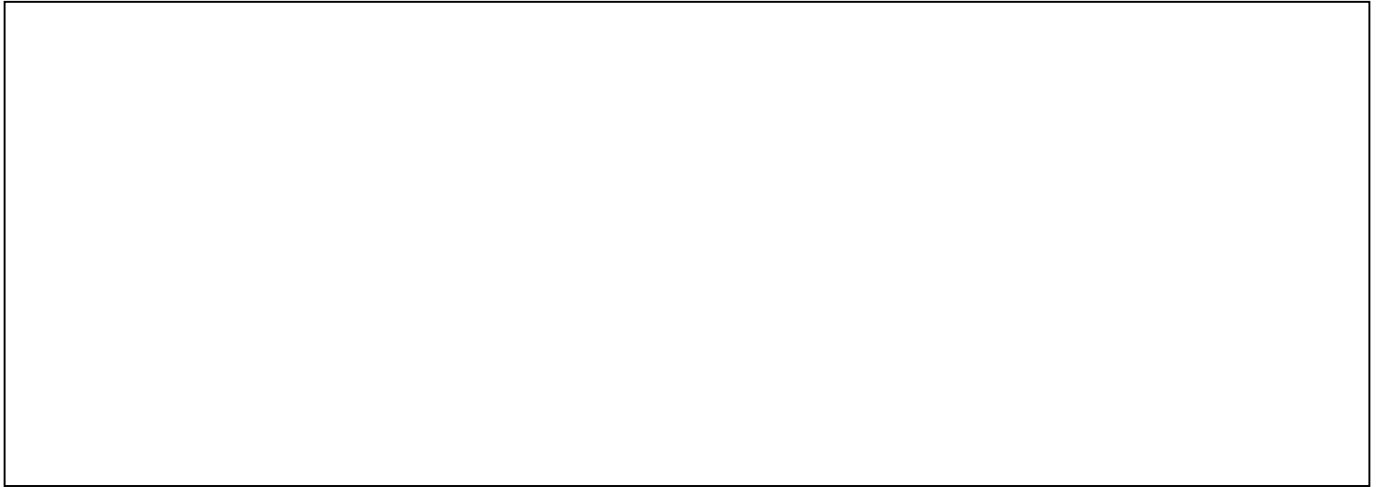


- How To Reduce Acid Deposition

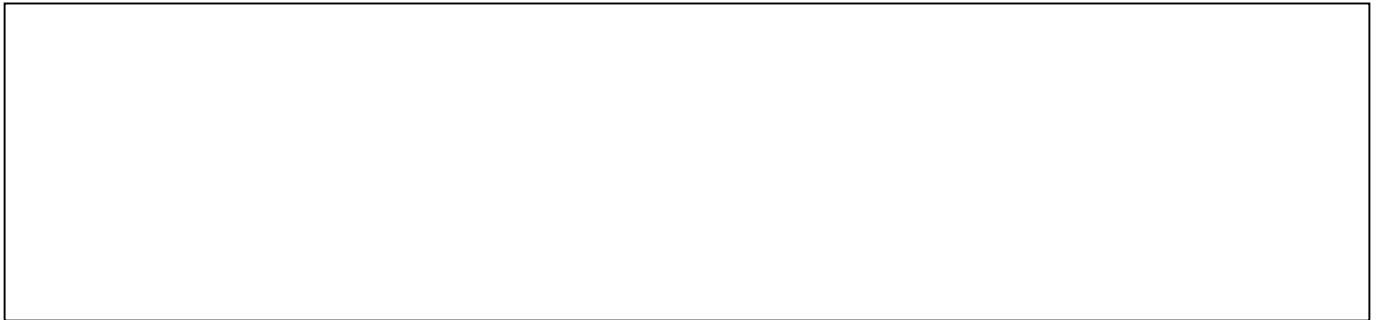


18-4 Major Indoor Air Pollution Problems

- A Serious Problem

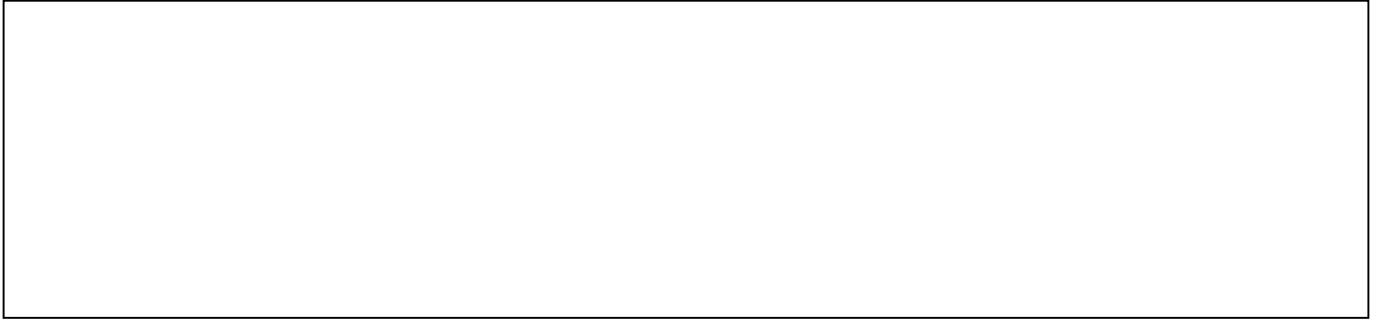


- Radon Gas



18-5 Health Effects of Air Pollution

- Natural Defenses Can Be Overwhelmed

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- Big Killer

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18-6 How to Deal With Air Pollution

● Laws and Regulations

● Improve US Air Pollution Laws

● Use of the Marketplace

● Reducing Outdoor Air Pollution

● Reducing Indoor Air Pollution

● Emphasize Pollution Prevention