

Solutions:

1. *How does ozone form?*

Ozone forms when sunlight causes nitrogen oxides (NO_x) and volatile organic compounds (VOC) to react with oxygen.

2. *Where do nitrogen oxides come from?*

Nitrogen oxides are emitted from burning fossil fuels, such as coal and gasoline... even from burning wood and charcoal. Gas furnaces also give off nitrogen oxides.

3. *Where do VOCs come from?*

Volatile organic compounds (VOCs) come from evaporation of: paints, cleaners, gasoline and "stinky" chemicals. Some sources, such as trees, are natural.

4. *What can I do about ozone pollution in my area?*

We can all do a lot! Drive less, use low VOC products (tell your parents!), fuel smart and use less energy.

5. *What's the problem with ozone?*

Stratospheric ozone (up there) protects us from UV light; but tropospheric ozone damages plants and causes breathing problems. Down here, ozone is unhealthy.