

Wanda Wonders about DUST.



Reduce Our Impacts
Environmental Messenger

THINK ABOUT DUST

Dust is a component of Particulate Matter (PM).

THOSE ARE MANMADE SOURCES OF PARTICULATE MATTER

Particulate Matter is fine liquid and solid particles and includes such things as fumes, aerosols, ash, pollen, as well as dust.

It is categorized by its size.

AND THESE ARE NATURAL SOURCES OF PARTICULATE MATTER. THIS WIND IS STIRRING UP SO MUCH.



WIND STORM



FUMES

ROAD DUST



EXHAUST & ROAD DUST



POLLEN



AEROSOLS

PM₁₀ includes all particulate matter of 10 microns or less in size. It includes the coarser fraction which settles out of the air and when inhaled it is removed by the upper respiratory system.

PM_{2.5} is fine particulate matter, roughly the size of bacteria. It is easily inhaled deep into the lungs. Because of its fine size PM_{2.5} has a tendency to remain in the air for extended periods of time.

Particulate matter is a contaminant under the Environmental Protection Act (EPA).



FUMES



VOLCANO ERUPTING



CAMPFIRE



AERATOR

Questions

- What sources of particulate matter do you generate at home?
- What sources of solid particulate matter does your operations have?
- What sources of liquid particulate matter does your operation have?

Did you know that when the air quality is poor due to high particulate matter the number of admissions to hospital for respiratory problem increases?



Remember to give back what supports the earth.

You must be the change you wish to see in the world.
Mahatma Ghandi



Reduce Our Impacts



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