

Acid Rain

By: Kristin Caves

Acid rain and which its formed

- ❖ The process of which acid rain forms is the burning of fossil fuels, such as coal, oil products from cars and also the power plants.
- ❖ The power plants release Sulfur Dioxide and Nitrogen Oxides into the air.

Acid rain and which its formed cont.



*One of the ways acid rain forms, this volcano's ashes get caught in the cloud and make a reaction causing acid rain.

- **After these fuels are burnt off they get transported by the winds and some of the gases get caught up in the clouds.**
- **When the gasses come in contact with the water that's in the clouds, a certain reaction can occur causing acid rain.**

Acid rain and its effects

- Acid rain has its effects on the earth. Some of these effects are that scientists have noticed that in certain lakes the fish population are mysteriously decreasing.
- Researches are continuing to document that acid rain is harmful and/or fatal to fish.

Acid rain and its effects cont.

- Acid rain itself isn't dangerous to people but the particles in the air that lead to acid rain can be a serious risk to people's health.



*This is what
acid rain
does to
the trees

Acid rain: Big Problem!!

- Acid rain has become a big political problem in the 1980's, when Canada claimed that pollution from the United States were contaminating their forests and waters.
- About 14,000 lakes in eastern Canada alone are acidic due to the United States pollution.

Acid rain is mostly a problem...

- Acid rain is mostly a problem in the eastern parts of Canada because many of the soil and water systems in that region lack natural alkalinity, such as a lime base.
- It is also a big problem in the United States and Europe.