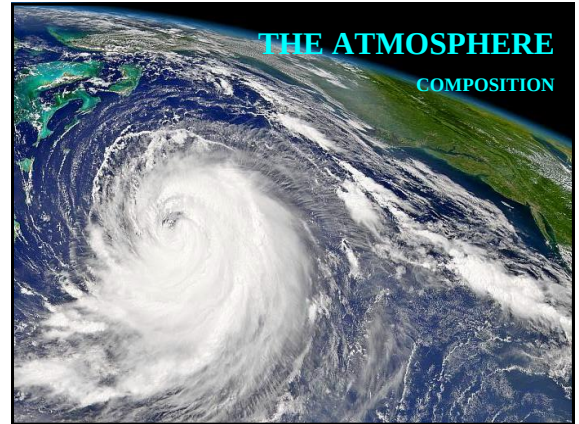


# TmARTScience YouTube

## METEOROLOGY

### 1 ATMOSPHERIC COMPOSITION

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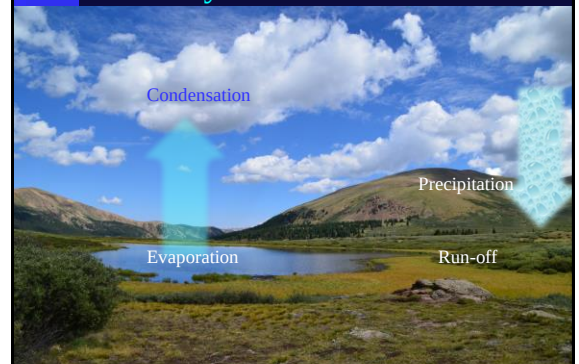


## Atmospheric Composition

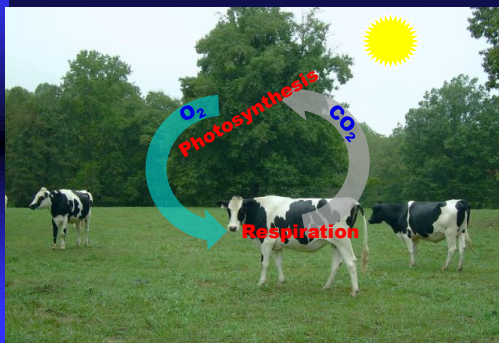
- ~78% Nitrogen  $N_2$
- ~20.9% Oxygen  $O_2$
- ~.9% Argon  $Ar$
- ❖ Water vapor  $H_2O$
- Trace amounts of:
  - ◆ Carbon Dioxide  $CO_2$  (28 ppm 1995) **411ppm**
  - ◆ Ozone  $O_3$
  - ◆ Other (Ne 18 ppm, He 5 ppm  $CH_4$  1.5 ppm)



## Water Cycle



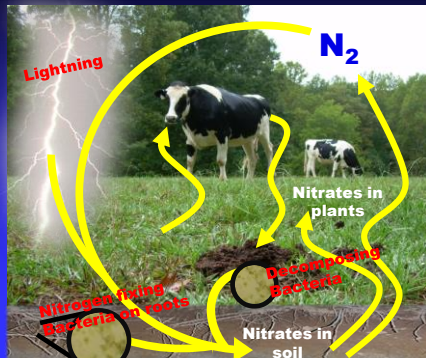
## Oxygen - Carbon Cycle



## Nitrogen Cycle

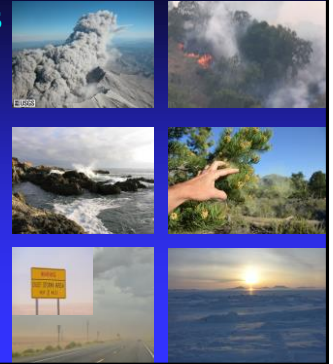


## Nitrogen Cycle



## Particulates

- Smoke
- Ash
- Salt
- Pollen
- Dust
- Ice



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