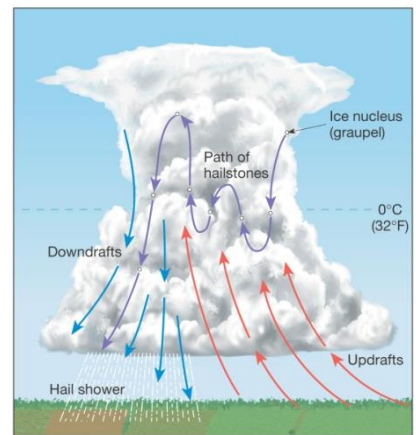


# CH 18.1: WATER IN THE ATMOSPHERE NOTES

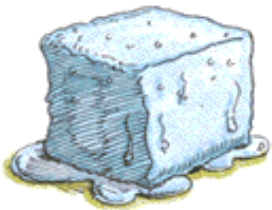
## Ch 18 Pretest

1. What are the three states of matter?
  - a) gas, liquid, and vapor
  - b) gas, liquid, and solid
  - c) vapor, liquid, and solid
  - d) gas, vapor, and solid
2. *True or False.* Heat is released when water evaporates.
3. What is the change from a gas to a liquid state called?
4. What will happen if air is heated by the ground below it?
5. On what basis are clouds classified?
  - a) form and thickness
  - b) color and height
  - c) form and height
  - d) form and precipitation
6. *True or False.* Small particles of ice are called sleet.

## Types of precipitation



## Water's Changes of State



SOLID



LIQUID



GAS

# Humidity



- Circle the letter of the most important gas in atmospheric processes.
  - oxygen
  - nitrogen
  - water vapor
  - carbon dioxide

## Water's Changes of State

- Select the appropriate letter in the figure that identifies each of the following changes of state.
 

|                                       |                                      |
|---------------------------------------|--------------------------------------|
| <input type="checkbox"/> sublimation  | <input type="checkbox"/> freezing    |
| <input type="checkbox"/> deposition   | <input type="checkbox"/> evaporation |
| <input type="checkbox"/> condensation | <input type="checkbox"/> melting     |

