Class 4b: Precipitation

- Collections of tiny drops or ice crystals
- Source of all precipitation

• Cirriform: thin and wispy (ice)

• Stratiform: grey and low

• Cumuliform: white, flat-bottomed, puffy

Fog

• A cloud on the ground

Fog

Precipation: rain

Collision and coalescense in the tropics

• Ice crystals elsewhere

Precipation

- Rain:
- Snow:
- Sleet:
- Glaze or freezing rain:

Atmospheric lifting

- Four ways a parcel of air might rise
- Convective lifting

Atmospheric lifting

• Orographic lifting (mountains)

Atmospheric lifting

• Frontal lifting

• Convergent lifting

• Nature of air masses

• How much uplifting

• Tropics: generally very rainy

• Subtropics: generally very dry

• Midlatitudes: wide variation