



# Atmospheric Lifting Mechanisms

Cumulonimbus convection cloud over Galveston Bay

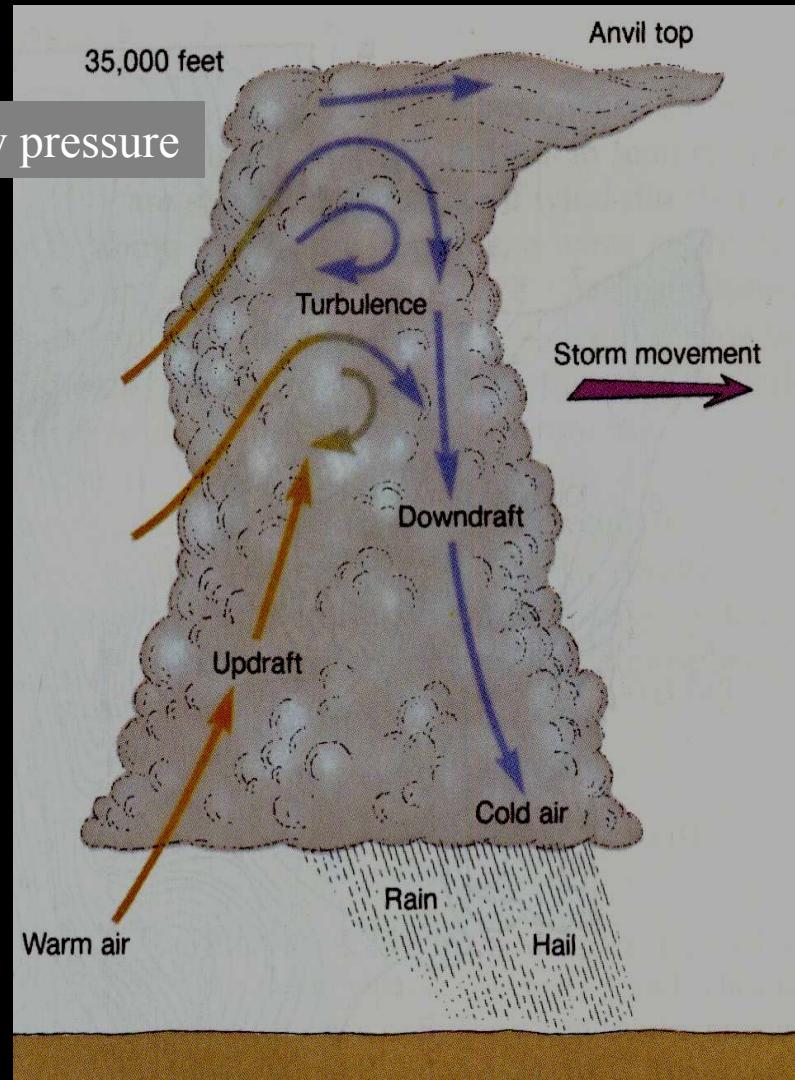
Cumulus fair weather cloud  
- little vertical extent

## Convection Precipitation

1. Mechanism: ? Local heating

2. Identify:

- a) warm/cold air; b) updraft; c) dew point;
- d) turbulence; e) DALR; f) downdraft;
- g) SALR; h) rain; i) direction of movement;



## Convergence Precipitation

Mechanism: Wind ITCZ