ATM 209

What to know for Quiz #2?

\* Moisture variables

Mixing ratio

Saturation mixing ratio

Specific humidity

Relative humidity

Dew point temperature

Wet bulb temperature

\* Thermodynamic variables

Lifting condensation level (LCL)

Potential temperature (q)

Equivalent potential temperature (qe)

\* Reading a Skew-T diagram

Dry adiabats

Moist (saturated) adiabats

\* Finding the following variables on a Skew-T

Temperature

Dew point temperature

Mixing ratio

Saturation mixing ratio

Wet-bulb temperature

\* Finding the following variables by lifting / sinking a parcel on a Skew-T

LCL

Potential temperature

Equivalent temperature

Equivalent potential temperature