# Marine Stratus & Stratocumulus

## Stratus

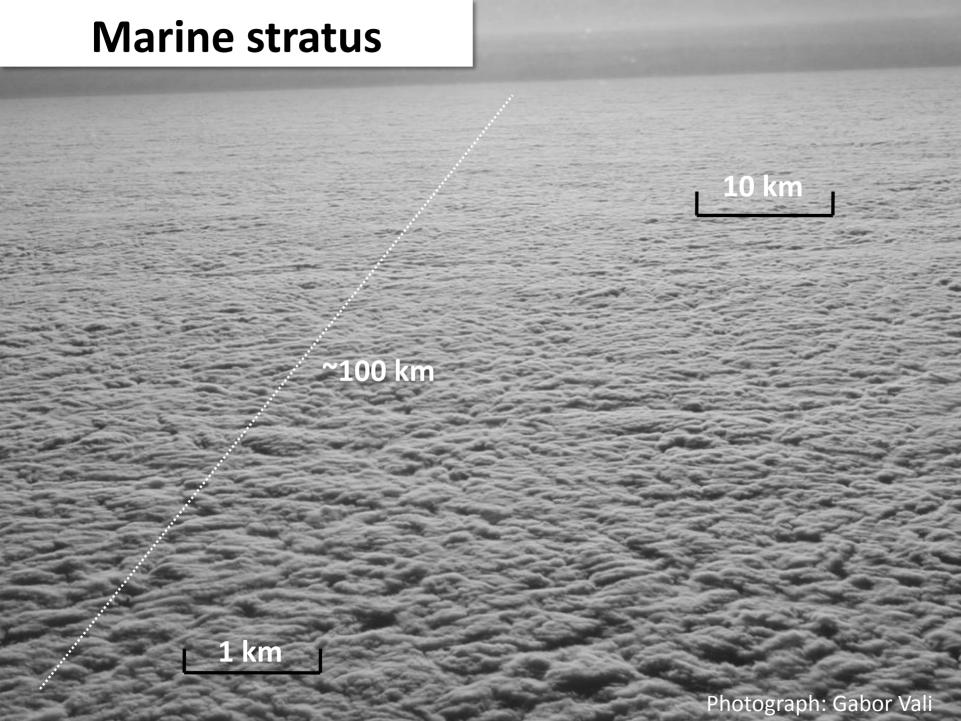


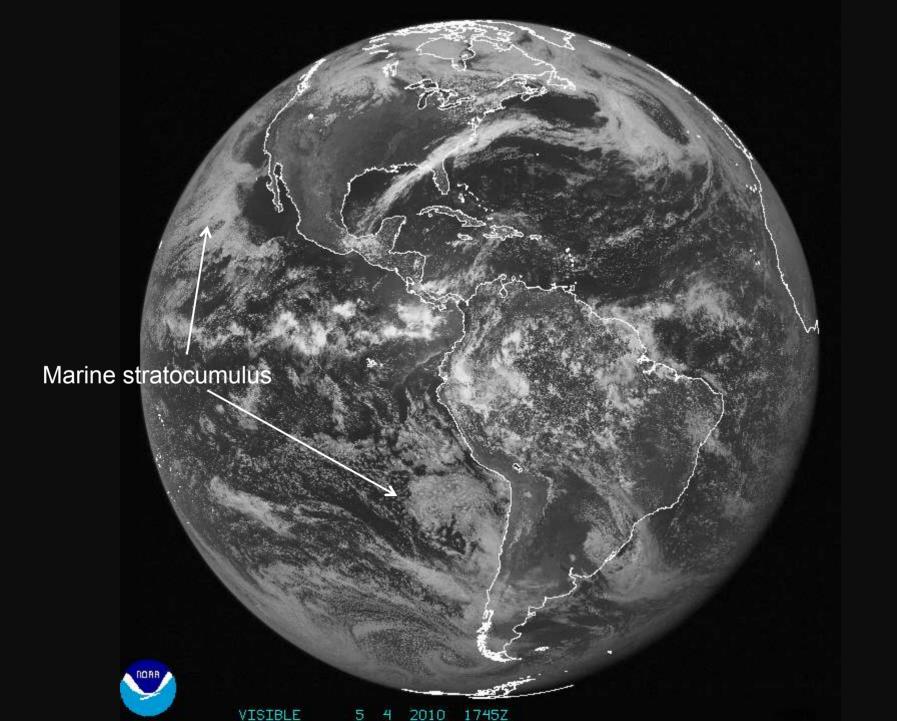
Almost solid cloud layer

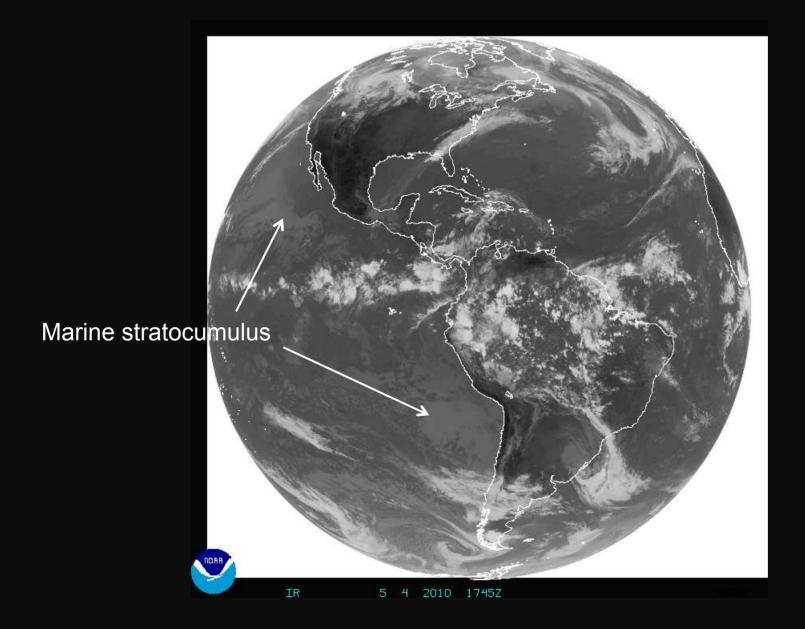
#### Stratocumulus



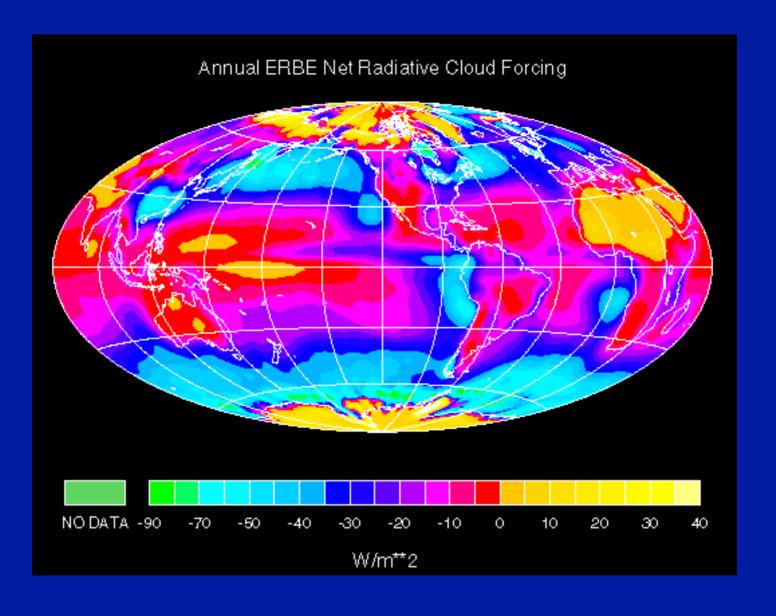
Sun shining through breaks in cloud layer



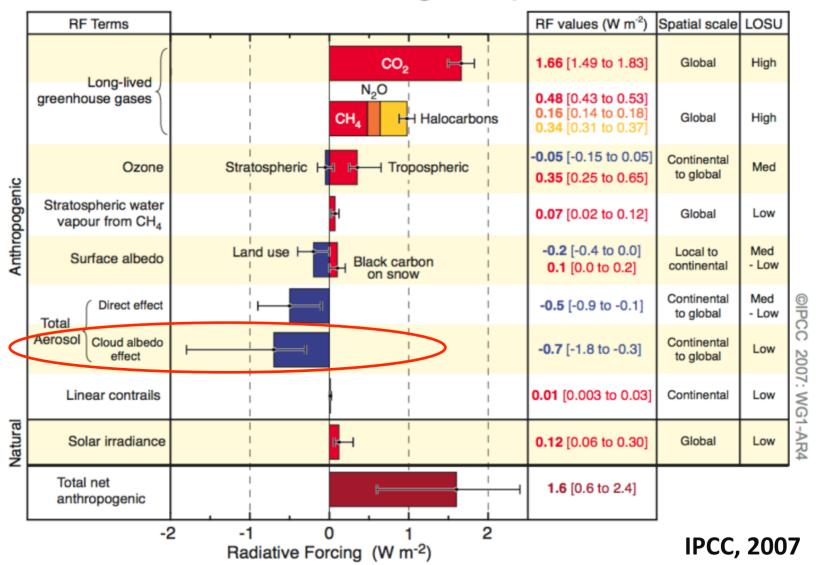




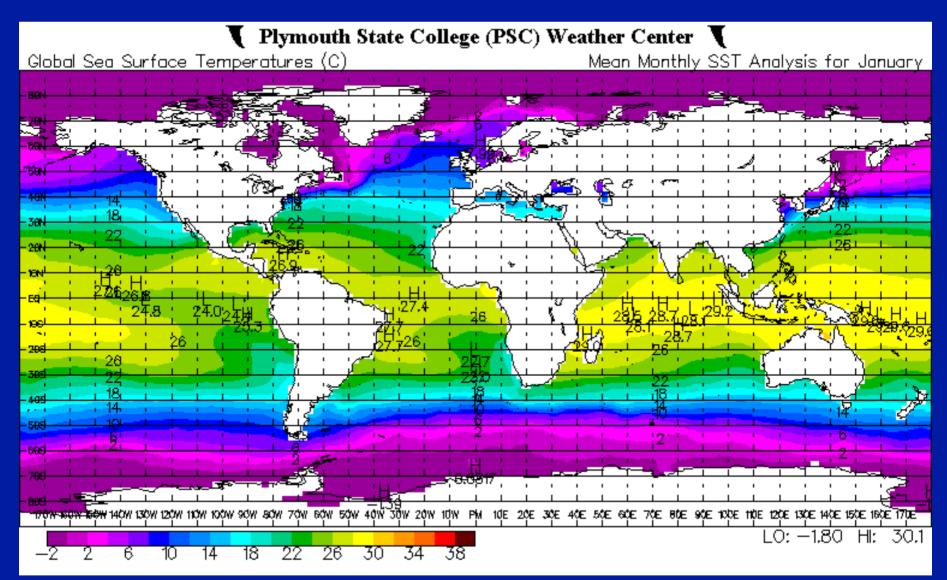
#### Stratus & Stratocumulus



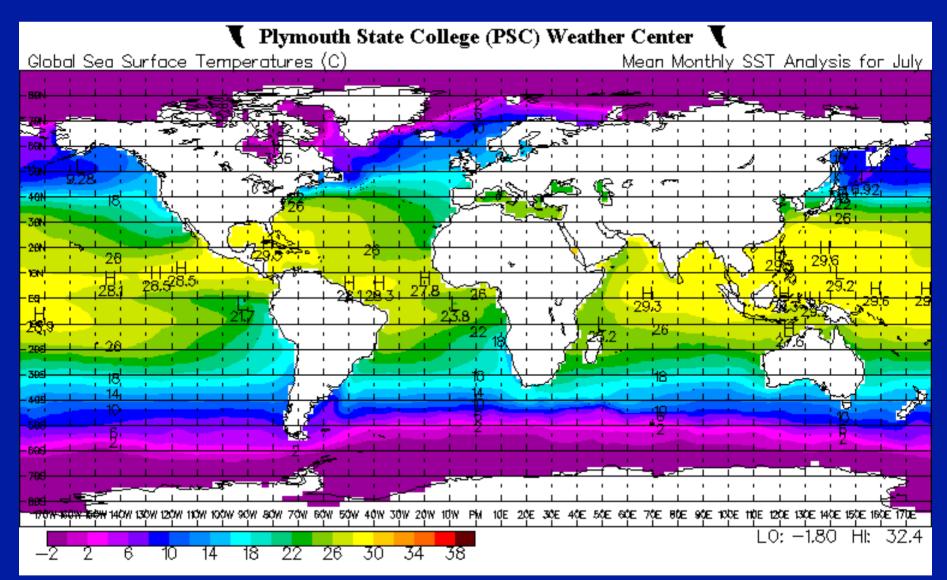
#### **Radiative Forcing Components**



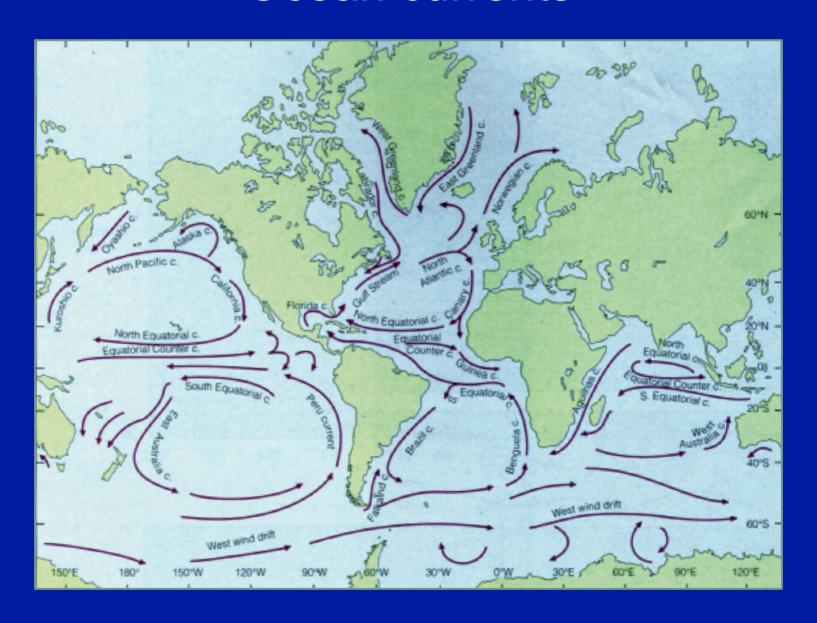
# SST Climatology (January)



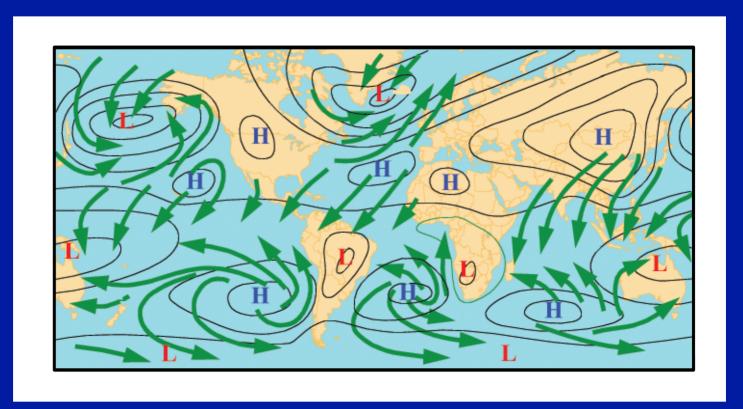
# SST Climatology (July)



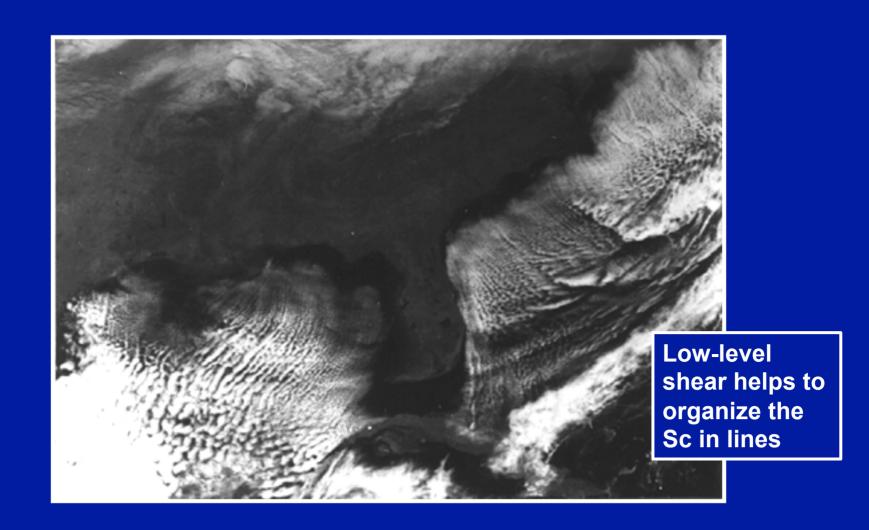
### Ocean currents



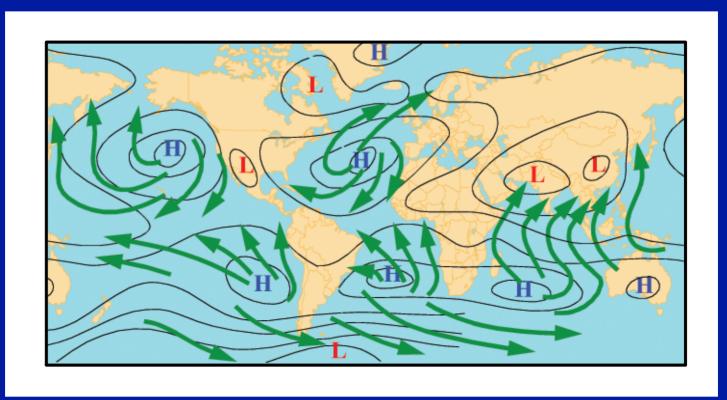
# January Surface Pressure and Wind



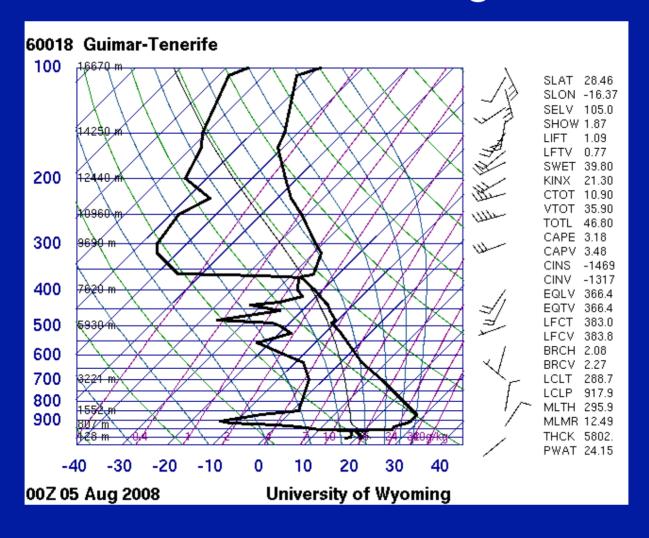
# Cloud streets in cold air flowing off cold land mass



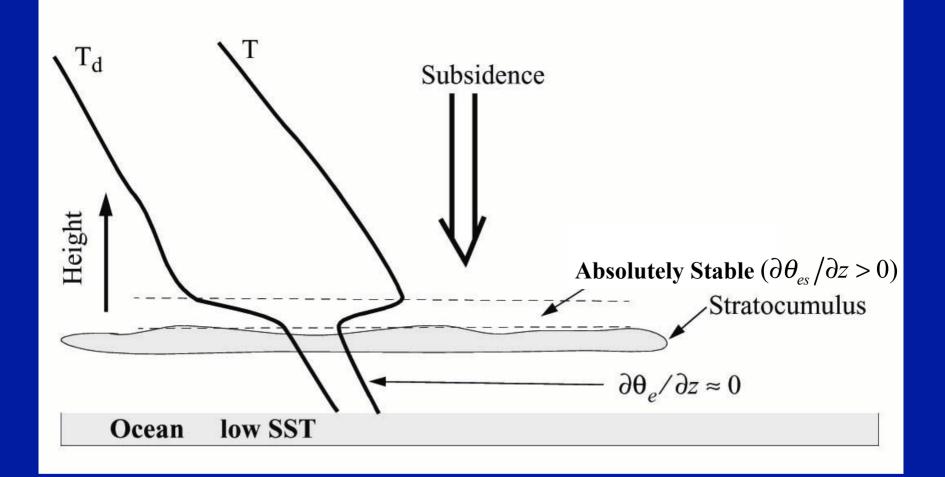
# July Surface Pressure and Wind



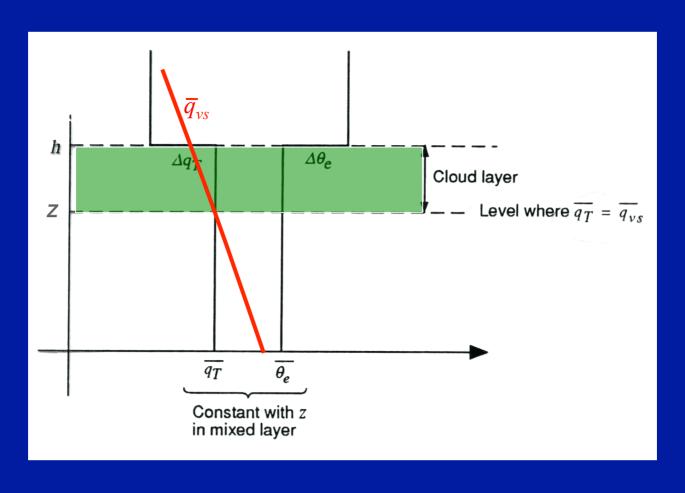
#### Stratocumulus Regime



#### Subtropical stratocumulus sounding



### Idealized mixed layer



# Equations governing non-precipitating mixed layer stratus