The aguation of state:
B) the ideal gas law 's canceles the gases in our atmosphere.
PV = NRT
P= pressure V = volume n = number of kilomoles
Rt = universal gas contant.
T = temperature * Works to
$$599\%$$
 accuracy in the atmosphere
the form of the ideal gas law shall use avillous accuracy in the atmosphere
the form of the ideal gas law shall use avillous accuracy in the atmosphere
the form of the ideal gas law shall use avillous accuracy in the atmosphere
the form of the ideal gas law shall use out in our atmosphere.
We assume that the atmose to a mix of k number of gases
 $n = \sum_{i=1}^{k} ni$
The total mass of the cyclen is
 $M = \sum_{i=1}^{k} ni mi$ mi = mplan mass (kg broal')
Make the ideal gas law based on intensive variables
 $\frac{PV}{M} = \frac{nR^{k}T}{M}$
which leads to
 $p = RT$ $d = r$ $d = r^{-1}$
 $g = density$
 $R = gas usotant$
 $R = gas usotant$

$$R = \frac{2}{M}$$

$$\overline{m}$$
 is the mean molan maps of a mix

$$\overline{m} = \underline{M} = \frac{1}{M} \sum_{i=1}^{k} n_i m_i$$

$$(1)$$
Datatin's law of partial pressures (Petty)
The total pressure exerted by a mix of gases
is evented by each construction along if the gas
is evented by each construction along if the gas
is evented by each construction along if the gas
is evented by each construction along if the gas
is evented by each construction along if the gas
is evented by each construction along if the gas
is evented by each construction along if the gas
is evented by each construction along if the gas
is event of the construction and the for the forming
The particle pressure obey the ideal gas law independently

$$P_i = \frac{1}{12} P_i P_i P_i = \frac{1}{Mi}$$
I dead gas law (eggs, of otake) for day air :

$$N_2 = \frac{78}{2176} of volume composition
$$D_2 = \frac{2176}{2176} of volume composition
D_2 = 2176
Map constant for day air : Ref = 2K = 287 J kg-1K-1
Dry air egn. of stake: Ref = 2K = 287 J kg-1K-1
Dry air egn. of stake: Ref = Ref I
to a good approx. Con explain the "stake"
* the equation of stake of usater vapor
aux in the atm.
* the equation of stake of usater vapor
law for usater vapor.
Pr -> C uster upper partial pressure$$$$

Jr -> abooluke humidity
the ideal gap law for water vapor:

$$\begin{array}{c} \underline{P} = \underline{P} \cdot \overline{R} \cdot T \quad \overline{R} \quad \overline{R} \cdot T \quad \overline{R} \cdot T \quad \overline{R} \cdot T \quad \overline{R} \quad$$

* It is a liquid