Unit 2

Homework Task Sheet
Due at beginning of class

Write down the equation of state in its various forms and the constants that occur in the equation.

<table>
<thead>
<tr>
<th>Equation</th>
<th>constant’s name</th>
<th>value</th>
<th>units</th>
</tr>
</thead>
</table>

Write down the equation of Dalton’s law

Write down the hydrostatic equation

Write down the scale height of an isothermal atmosphere

Write down the hypsometric equation

Write down the barometric equation