

# Pressure-Liquids

# Pressure exerted by liquids:

- Liquid exerts pressure both sideways and downwards
- Pressure of a liquid varies with depth
- <https://youtu.be/Cvp6mLWbgaM>

# Measuring liquid pressure:

- Manometer – Instrument used to measure liquid pressure.
- Difference in liquid levels in the U-tube is a measure of the pressure applied by the water

<https://youtube.com/watch?v=-P1EvVuuPol&feature=share>

# Atmospheric pressure:

- Pressure exerted on an object by the weight of the column of air over it
- <https://youtu.be/KndNN28OcE>  
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# Factors affecting atmospheric pressure:

- Altitude – high – air thin – atm decreases
- Temperature – atm decreases with increase in temperature
- Humidity – Humid air is lighter than dry air. atm decreases as humidity increases

<https://youtube.com/watch?v=lgf1bPGFfYg&feature=share>



**Thank You**