

What is vacuum?

Atmospheric Pressure

Height

10^{-13} mbar

10^{-12} mbar

10^{-11} mbar

10^{-10} mbar

10^{-9} mbar

10^{-8} mbar

10^{-7} mbar

10^{-6} mbar

10^{-5} mbar

10^{-4} mbar

10^{-3} mbar

10^{-2} mbar

10^{-1} mbar

1 mbar

10 mbar

250 mbar

320 mbar

1,013 mbar

1,000 km

500 km

200 km

100 km

50 km

0 m

Ultra-high vacuum

High vacuum

Low vacuum

Rough vacuum

The exosphere

The thermosphere

The mesosphere

The stratosphere

The troposphere

Vacuum is nothing, but everything to us!

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