

[Bill Nye The Science Guy Season 2 Episode 19 Atmosphere - YouTube](#)



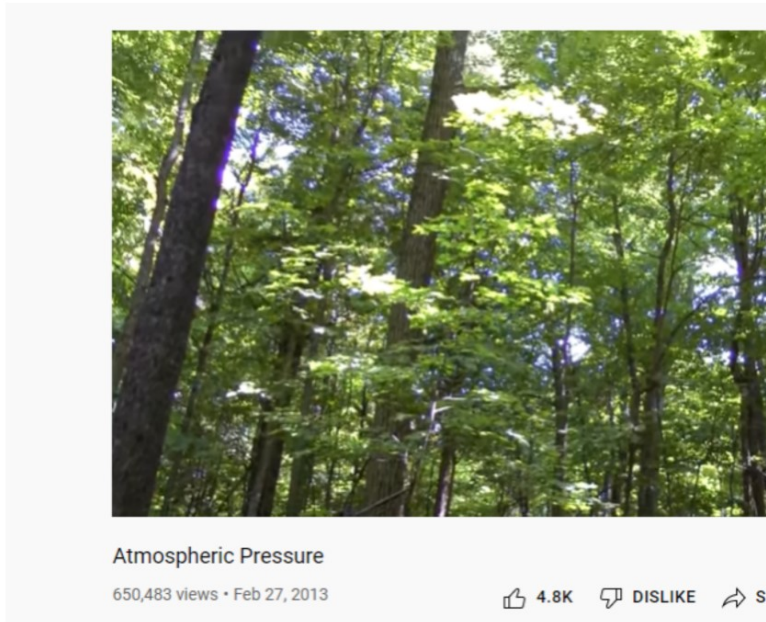
Bill Nye The Science Guy Season 2 Episode 19 Atmosphere



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Atmospheric pressure



We will
look at this
again in the
weather
unit

5 min

The atmosphere that surrounds Earth has weight and pushes down on anything below it. The weight of air above a given area on Earth's surface is called atmospheric pressure. It is an important factor influencing Earth's weather and climate.

Atmospheric pressure changes at different altitudes. Pressure is greatest at sea level and decreases with height.

Air is heaviest at sea level because the air molecules are compressed by the weight of the air above them.

Air becomes lighter farther away from Earth's surface as the air molecules become separated by more space

[Where does space begin? How high is the atmosphere? \(youtube.com\)](#)