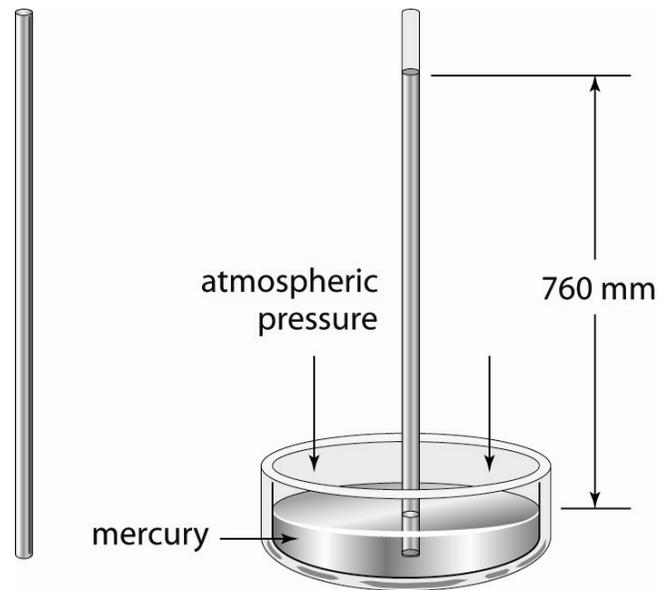
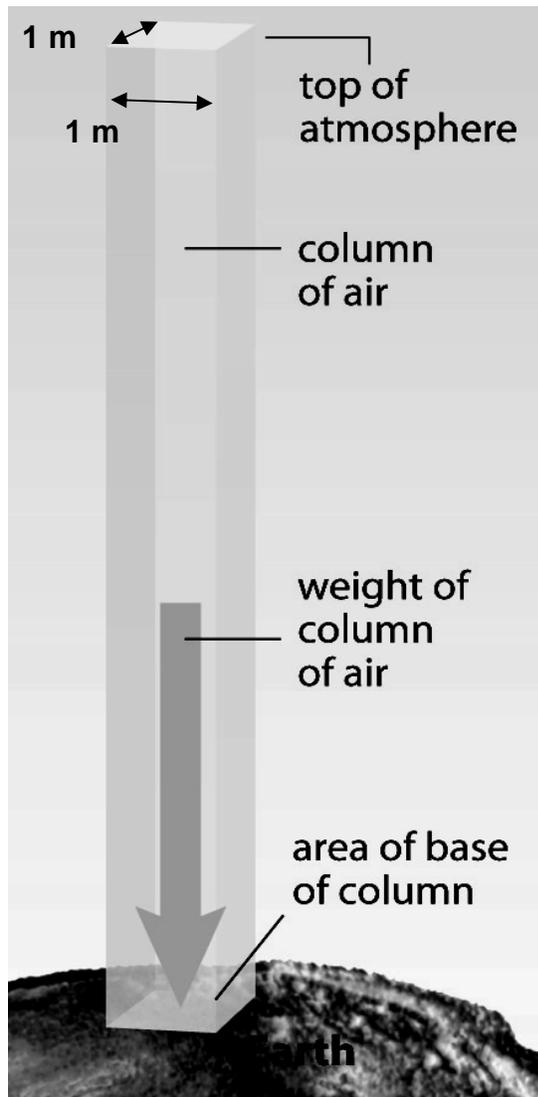


$$1 \text{ atm} = 760 \text{ mmHg} = 101\,325 \text{ Pa} = 101.325 \text{ kPa} = 1.01325 \text{ bar}$$



Toricelli's apparatus provided the basic design for mercury barometers. As well, this apparatus was the first to produce and sustain a vacuum. The sealed end of the inverted tube contains a vacuum.

A column of air extending from sea level to the top of the atmosphere and having a cross sectional area of 1 m² weighs 101 325 N. Its mass is 10 329 kg.