

Atmosphere lab

Altitude	Density	Pressure	Temperature
5			
10			
25			
50			
60			
75			
100			
150			
200			
400			

What is the structure of Earth's atmosphere?

Procedure:

- Record in the Table the Atmospheric Data—Density, Pressure, and Temperature at sea level (0 km).
- Drag the red slider along the altitude measurement bar and select another altitude. If you select an altitude less than 30 km above sea level, a balloon will appear. If you select an altitude greater than 30 km above sea level, a rocket will appear. Rockets are used to collect atmospheric data at altitudes greater than 30 km above sea level because the low atmospheric pressure at high altitudes causes balloons to burst.
- Click the Launch button to launch the balloon or rocket.

Print

Altitude (km)

Exosphere

Thermosphere

Mesosphere

Stratosphere

Troposphere

Atmospheric Data: Altitude = 10 km

Density Pressure Temperature

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