

Fill in the Blank

- The gas that shows the most variation from place to place and from time to time in the lower atmosphere is _____.
- What percent does each of the following gases occupy in a volume of air near the earth's surface?
 - nitrogen _____%
 - oxygen _____%
 - water vapor _____%
 - carbon dioxide _____%
- Most of the ozone in the atmosphere is found in the atmospheric layer called the _____.
- Most of the earth's water is believed to have originally come from _____.
- The hottest atmospheric layer is the _____.
- The only substance near the earth's surface that is found naturally in the atmosphere as a solid, a liquid, and a gas is _____.
- The atmospheric layer in which we live is called the _____.
- The instrument that measures temperature, pressure, and humidity at levels above the earth's surface is the _____.
- The primary source of energy for the earth's atmosphere is the _____.
- The mass of air in a given volume describes the air's _____.
- The process of water changing from a liquid to a vapor is called _____.
- At sea level, the average or standard value of atmospheric pressure is _____ millibars and _____ inches of mercury.
- The atmospheric boundary that separates the troposphere from the stratosphere is the _____.
- The average decrease in air temperature with increasing height in the lower atmosphere is about _____°C per 1000 meters, or _____°F per 1000 feet.
- The atmospheric layer that plays a role in radio communication is the _____.