

Layers of the Atmosphere Quiz

Match the Name of the Layers of the Atmosphere with their Descriptions

A. exosphere

B. mesosphere

C. stratosphere

D. thermosphere

E. troposphere

_____ This is the layer of the atmosphere in which we live. It reaches from the ground up 4 - 12 miles (6 - 20 km) into the sky. It is where all weather happens from hurricanes to lightning.

_____ From 12 - 30 miles above the Earth, this layer's air is much calmer, so where airlines fly their planes. This is also where the protective ozone layer forms.

_____ From 30 to 50 miles above the Earth, this layer stops most meteors as they fly toward Earth. All we see is the streak of light as they burn up as shooting stars. Thousands of meteors strike our atmosphere every day, but most of them burn up before ever reaching the Earth.

_____ From 50 to 125 miles above the Earth, this layer is where the space shuttle orbits the Earth.

_____ This layer marks the outer boundary of our atmosphere – 6,200 miles (1,000 km) above the Earth. This is the level of the atmosphere where our satellites orbit the earth.