

Topic 02: Structure of the Atmosphere and Ozone Layer

How is the Kármán Line defined?

What was the first biological entity that was sent to space?

What was the first LIVING biological entity that was sent to space?

Why were sea urchin gametes sent to space?

Who was the first woman in space?

What are the five layers of the atmosphere from closest to farthest from Earth?

In which layer of the Earth's atmosphere is the International Space Station?

The highest military and civilian fixed-wing aircraft reached into which layer?

90% of the mass of the atmosphere is found in which layer?

Which layer contains the ozone layer?

When meteorologists speak of "atmospheric pressure", what are they actually measuring?

Which ground-based natural phenomenon can "reach" into the stratosphere?

What percentage of the global ozone is found in the stratosphere?

How is oxygen and ozone involved in absorbing UV radiation?

Which type of UV radiation does the ozone layer protect against (UVE is absorbed mostly in the thermosphere and mesosphere)

Which emission product was found to potentially be harmful to the ozone layer in 1971?

What chemical was found to destroy ozone in 1974?

What year was the "ozone hole" discovered?

Where is/are the ozone holes and how do they behave throughout the year?

What were the primary uses of CFCs and related compounds?

What did the Montreal Protocol achieve?

What does the ozone hole have to do with climate change today?