



# Report on World Ozone Day

*16th September, 2022*

**“Global Cooperation Protecting Life on Earth”**

**SulabhENVIS Resource Partner**

*Patronized by*

Ministry of Environment, Forest and Climate Change  
Government of India

World Ozone Day is observed on September 16, every year. It is celebrated to spread awareness among people about the depletion of the Ozone Layer and search for possible solutions to preserve it. On this day, people from all over the world are expected to join the Global Cooperation Protecting Life on Earth. Several commonly used chemicals are extremely damaging to the ozone layer.

The theme recognizes the wider impact the Montreal Protocol has on climate change and the need to act in collaboration, forge partnerships and develop global cooperation to address climate challenges and protect life on earth for future generations.

Life on Earth would not be possible without sunlight. But the energy emanating from the sun would be too much for life on earth to thrive were it not for the ozone layer. This stratospheric layer shields earth from most of the sun's harmful ultraviolet radiation. These rays can cause numerous skin diseases. The layer absorbs about 97 to 99 percent of ultraviolet rays and maintains the ozone-oxygen cycle. The Ozone layer is depleting day by day due to human activities on the earth. The harmful waste and gases of the industries affect the Ozone layer badly.

Today, the world is facing imminent danger from pollution, most of which is posed by improper waste management, be it mining waste, agriculture waste, industrial waste, domestic waste, or hazardous waste.

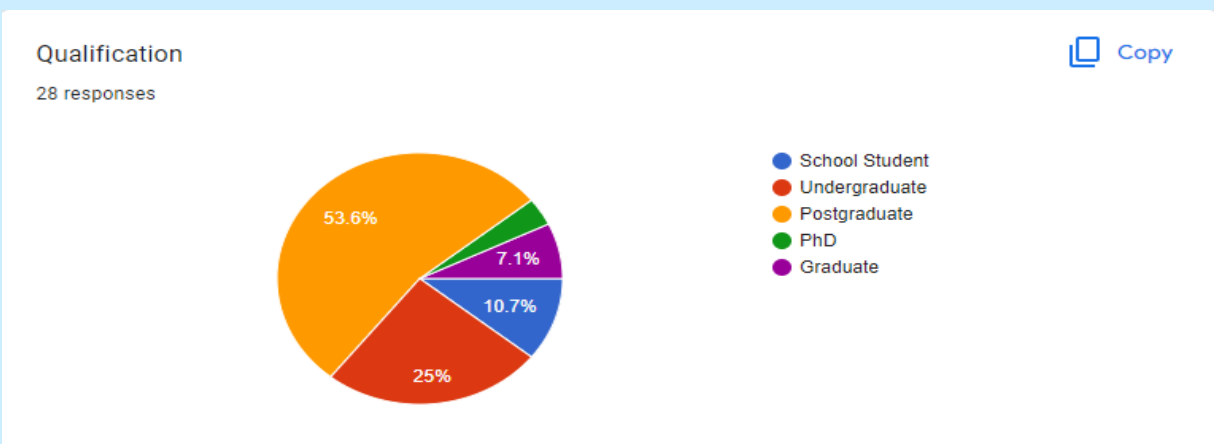
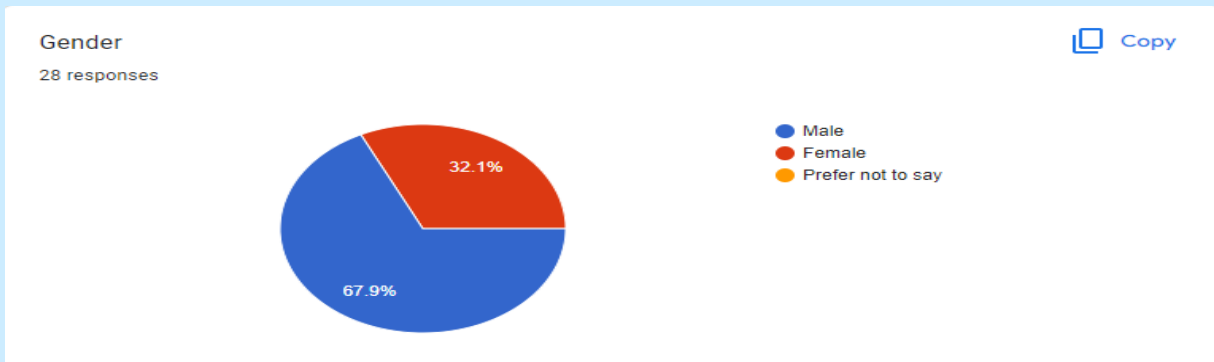
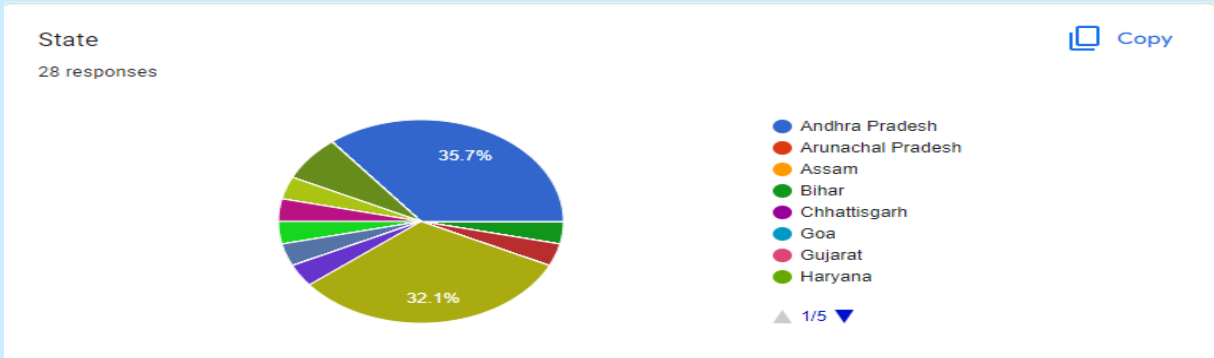
The first ozone hole was discovered approx 35 years ago in May 1985 over Antarctica. After that, NASA found out the whole of Antarctica was affected and the temperature had begun to rise.

SulabhENVIS RP thematic area is Hygiene, Sanitation, Sewage Treatment Systems and Technology. We organized an online quiz competition on the occasion of World Ozone Day 2022 for school and college students as well as GSDP trainees trained by the ENVIS centers all over India. The quiz was designed to test their knowledge and also increase their awareness about the lifestyle and ozone layer depletion. Quizzes are incredibly useful tools in any online quiz competition.

It is a small step to creating awareness among society to protect our ozone layer. There were 20 multiple choice-based questions on awareness about the ozone layer.

There were participants from different cities across India who enthusiastically participated in the online quiz competition. The E-certificates were also generated and sent to participants via their email id.

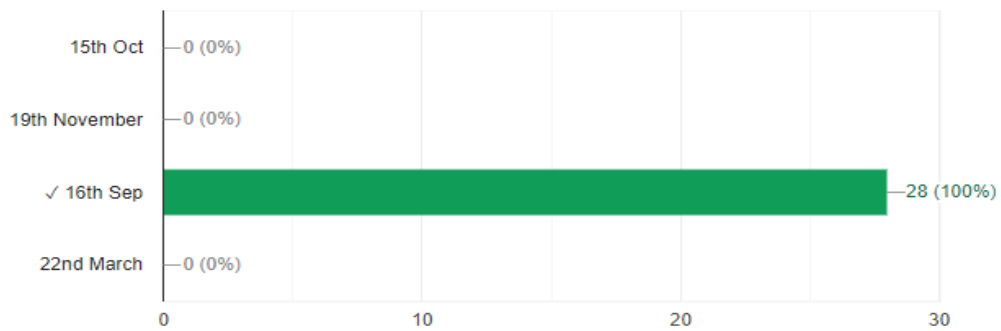
We observe that as the standard of education increases, the enhanced awareness level of participants can also be attributed to their social involvement. World Ozone Day is a major factor that raises awareness about ozone layer depletion.



### Which day is celebrated as Ozone Day?

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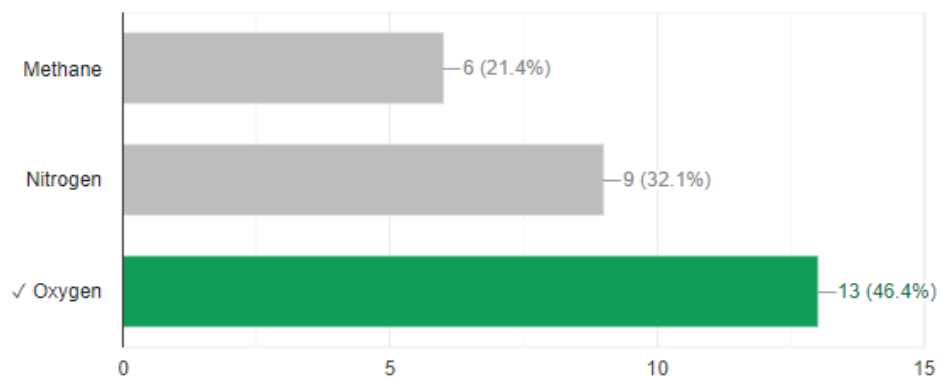
28 / 28 correct responses



### Ozone is formed by the action of sunlight on which gas

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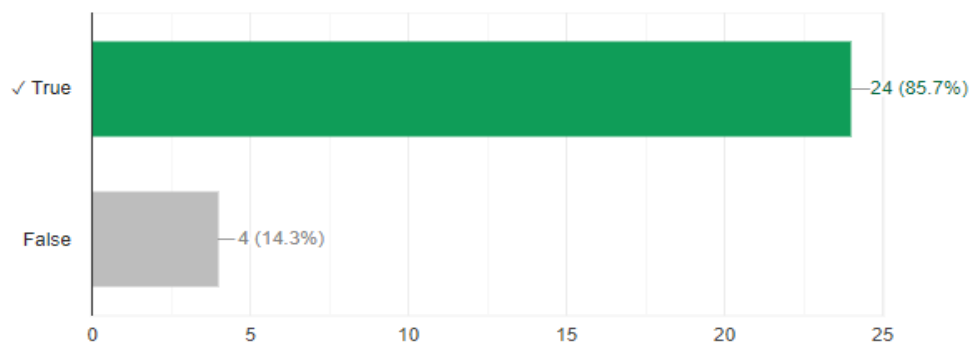
13 / 28 correct responses



### Ozone layer thickness varies with season

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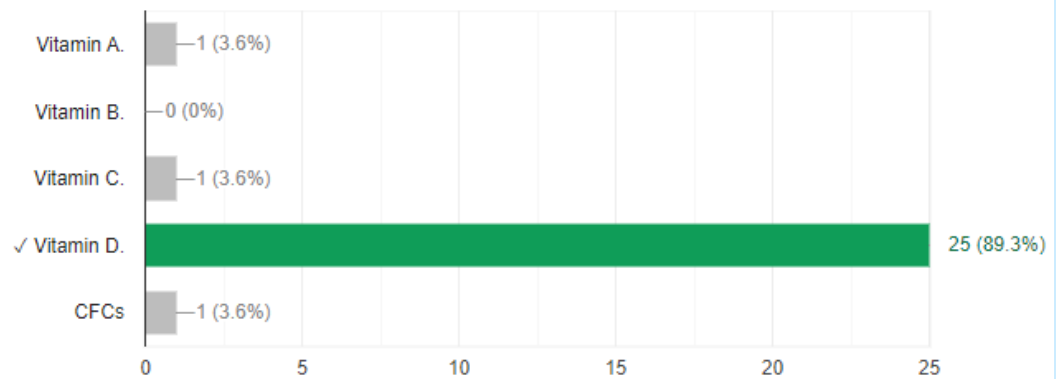
24 / 28 correct responses



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### Ozone depletion would magnify production of \_\_\_\_\_

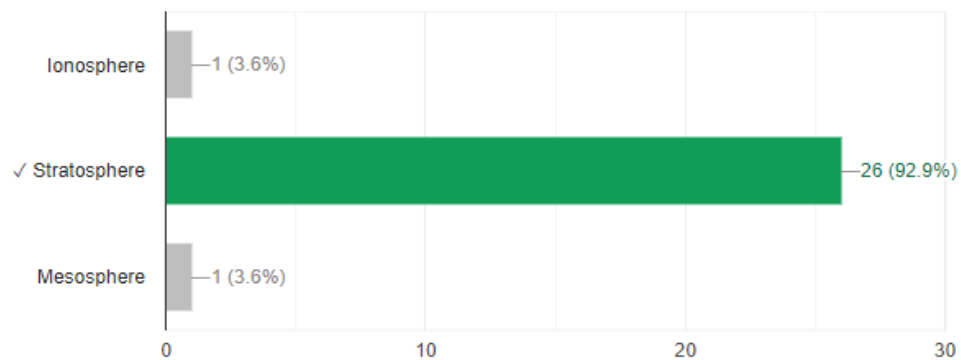
25 / 28 correct responses




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### Ozone layer exist in which atmospheric layer

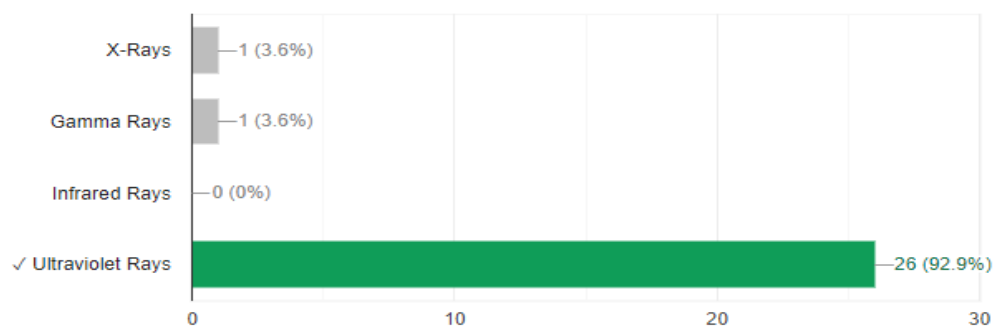
26 / 28 correct responses



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### Which of the following rays, absorbed by the ozone layer are harmful for the living organisms?

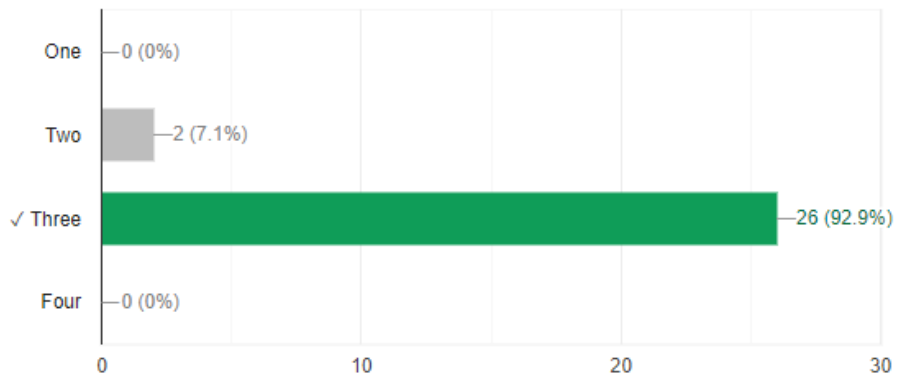
26 / 28 correct responses



### How many oxygen particles are there in every atom of ozone?

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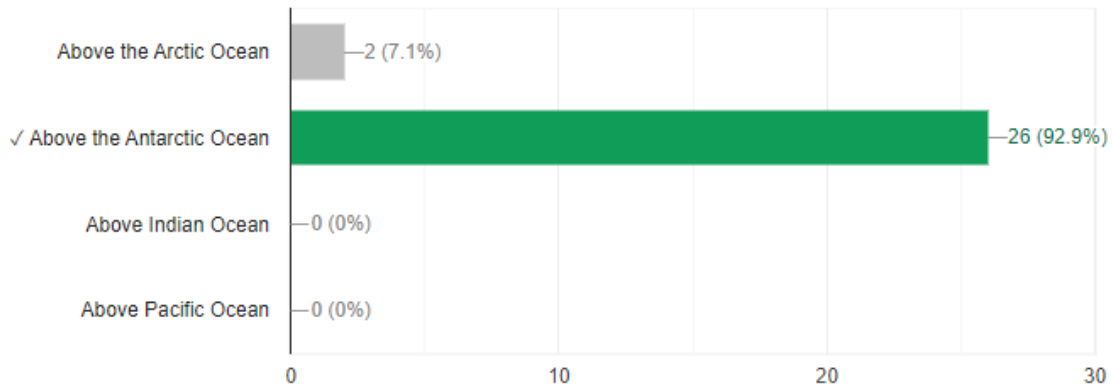
26 / 28 correct responses



### Where is the Ozone hole in the atmosphere located?

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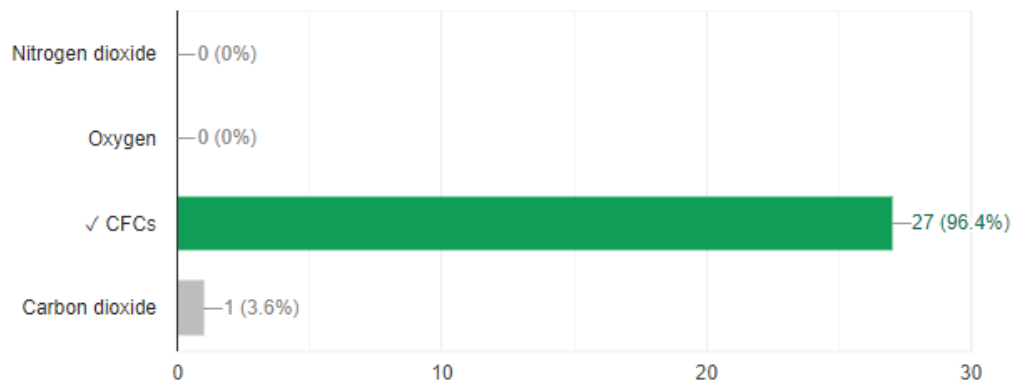
26 / 28 correct responses



### Which of the following is threat to the ozoneosphere?

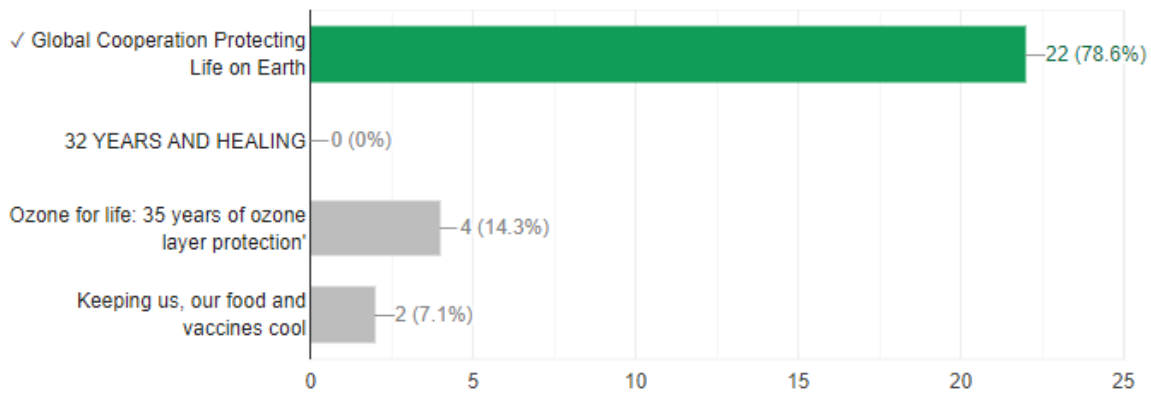
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27 / 28 correct responses



### What is the theme of World Ozone Day 2022?

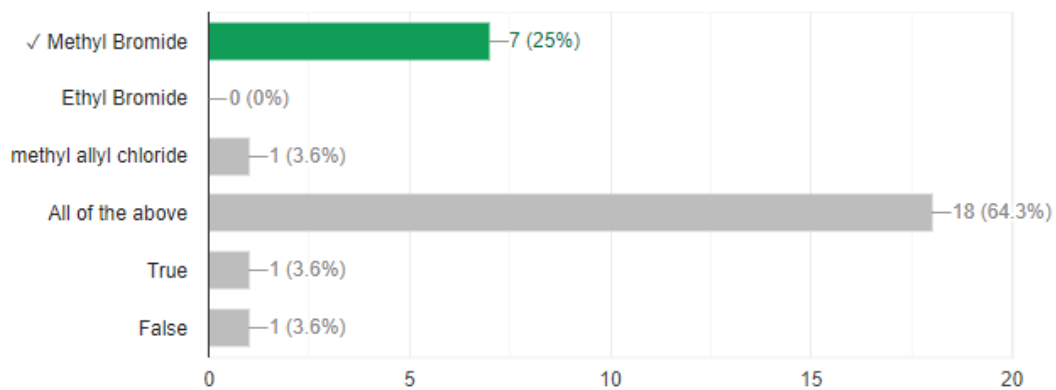
22 / 28 correct responses



### Which element is harmful for ozone layer?

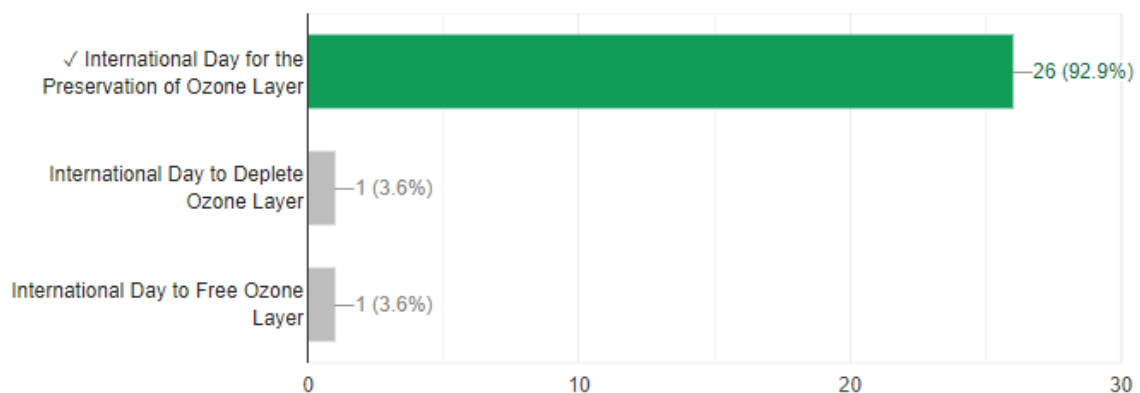
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7 / 28 correct responses



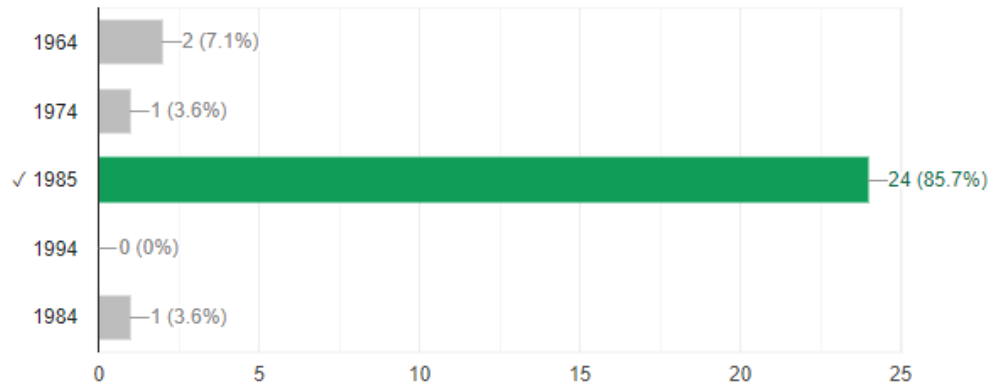
### Ozone Day is also known as

26 / 28 correct responses



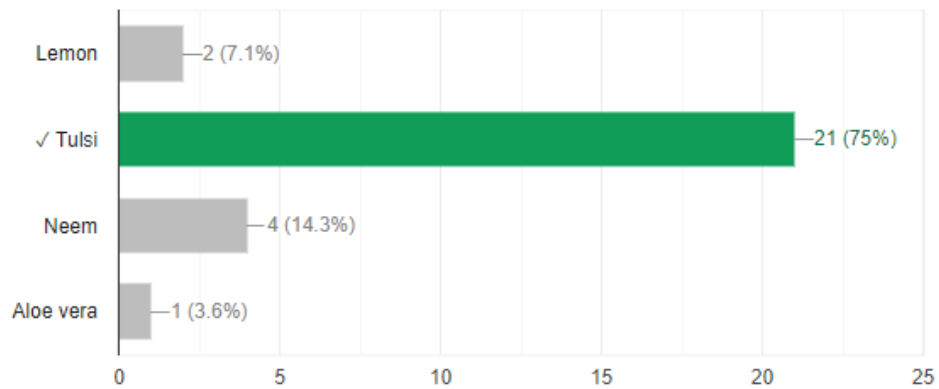
### When was the first ozone hole discovered?

24 / 28 correct responses



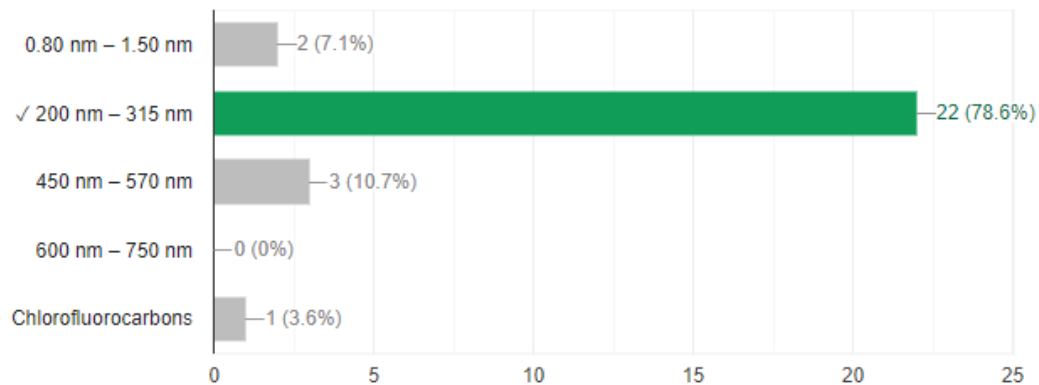
### Which plant produce ozone at the time photosynthesis

21 / 28 correct responses



### The ozone layer absorbs what range of wavelengths of the sun's radiation?

22 / 28 correct responses

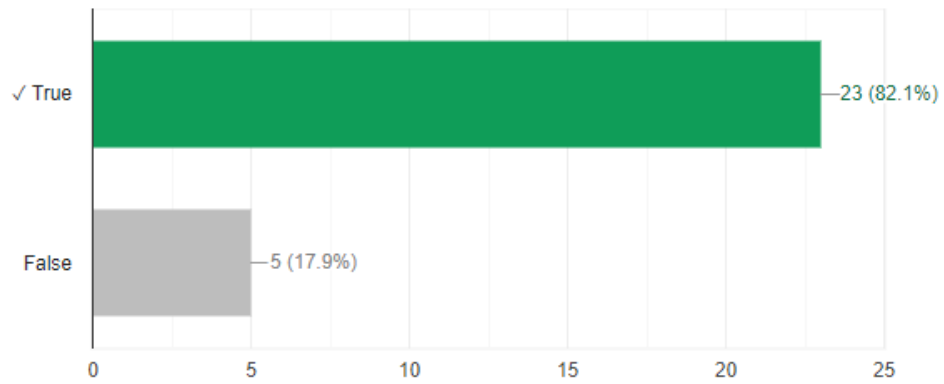




### Ozone at a ground level considered as a pollutant.

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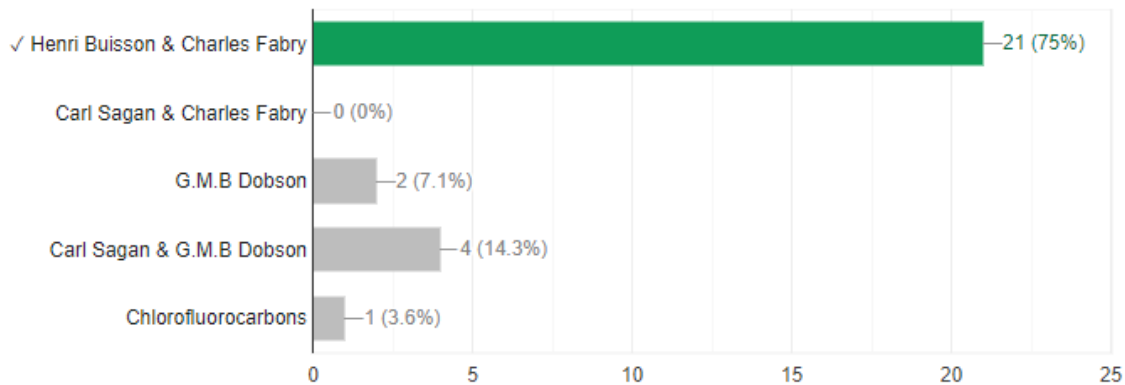
23 / 28 correct responses



### Who discovered the ozone layer?

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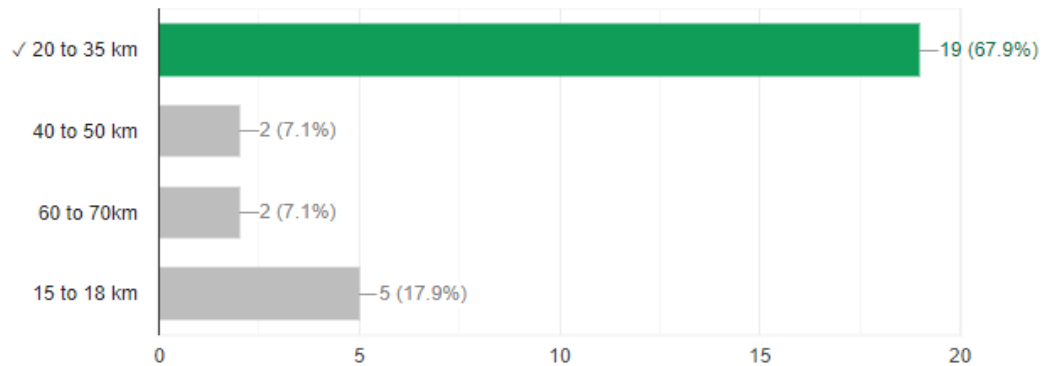
21 / 28 correct responses



### How high is the ozone layer above the earth?

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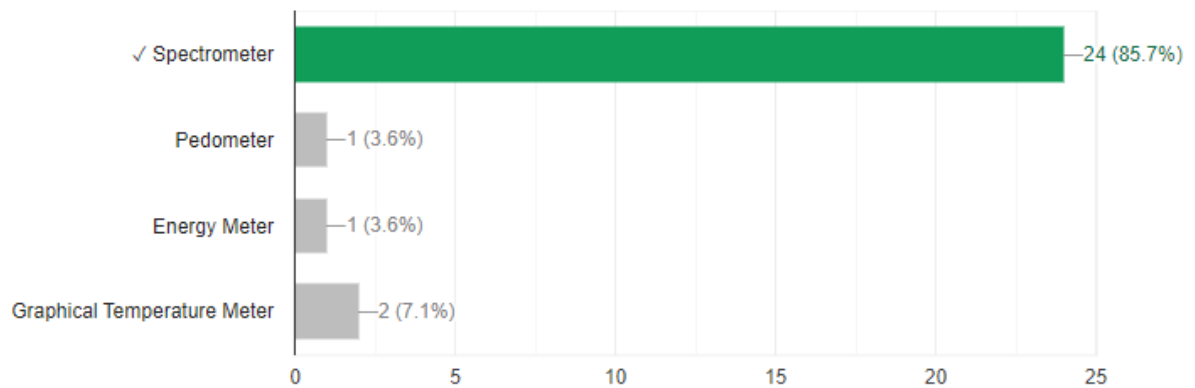
19 / 28 correct responses



### Which instrument is used to record ozone levels?

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24 / 28 correct responses



This is a major risk linked with excessive ultraviolet rays through the atmosphere as a result of ozone layer depletion.

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26 / 28 correct responses

