



Tropical Forest Loss Soars in 2024 Amid Wildfire Surge

Description

A lot of tropical forest was lost in 2024. The loss was double that of 2023 and the highest in 20 years. This happened because climate change made forests more likely to catch fire.

In total, 67,000 square kilometers of this forest was lost. This area is called primary forest, which means it has never been cut down before.

Experts say the El Niño weather pattern made things worse. It caused hotter and drier weather, allowing fires to spread more easily.

In Brazil, 28,000 square kilometers of primary forest was lost, which is the most since 2016. Many of these fires were started by people trying to clear land for farming.

Scientists are worried. They say forests are very important. They help our planet by storing carbon and regulating weather. Losing them can create a cycle that makes climate change worse.

Vocabulary List:

1. **Tropical** /'trɒpɪkəl/ (adjective): Relating to the tropics typically characterized by warm temperatures and high humidity.
2. **Primary** /'praɪ,məri/ (adjective): Of chief importance; principal.
3. **Experts** /'ɛkspɜːts/ (noun): Persons with a high level of knowledge or skill in a particular area.
4. **Regulating** /'rɛg.jʊ.leɪtɪŋ/ (verb): Controlling or maintaining the rate or speed of a machine or process.
5. **Cycle** /'saɪkəl/ (noun): A series of events that are regularly repeated in the same order.
6. **Climate** /'klaɪmət/ (noun): The weather conditions prevailing in an area in general or over a long period.

Comprehension Questions

Multiple Choice

1. What was the reason for the significant forest loss in 2024?

Option: Climate change making forests more prone to fire



- Option: Excessive logging activities
- Option: Natural disasters
- Option: Increased urbanization

2. How many square kilometers of forest were lost in total in 2024?

- Option: 56,000
- Option: 67,000
- Option: 72,000
- Option: 80,000

3. What is the term used to describe the forest area that has never been cut down before?

- Option: Primary forest
- Option: Secondary forest
- Option: Old-growth forest
- Option: Reclaimed forest

4. Which weather pattern exacerbated the forest loss?

- Option: El Niño
- Option: La Niña
- Option: Monsoon
- Option: Cyclone

5. How much primary forest was lost in Brazil in 2024?

- Option: 18,000 square kilometers
- Option: 24,000 square kilometers
- Option: 28,000 square kilometers
- Option: 32,000 square kilometers

6. What is one of the impacts of losing forests according to scientists?

- Option: Reduced air pollution
- Option: Increased biodiversity
- Option: Cycle that worsens climate change
- Option: Improved soil fertility

True-False

7. The forest loss in 2024 was lower than that of 2023.



8. Primary forests have been completely preserved throughout history.
9. El Niño contributed to making the weather hotter and drier.
10. Most fires in Brazil were accidentally caused by lightning strikes.
11. Forests play a negligible role in carbon storage and weather regulation.
12. Deforestation does not impact climate change according to experts.

Gap-Fill

13. In 2024, the forest loss was _____ times higher than that of 2023.
14. The primary forest area is also known as _____ forest.
15. The El Niño weather pattern led to _____ weather conditions, making fires more destructive.
16. Many fires in Brazil were intentionally set by individuals to clear land for _____.
17. Forests have a crucial role in storing carbon and regulating _____ patterns.
18. The loss of forests can create a negative _____ that exacerbates climate change.

Answer

Multiple Choice: 1. Climate change making forests more prone to fire 2. 67,000 3. Primary forest 4. El Niño 5. 28,000 square kilometers 6. Cycle that worsens climate change

True-False: 7. False 8. False 9. True 10. False 11. False 12. False

Gap-Fill: 13. double 14. primary 15. hotter and drier 16. farming 17. weather 18. cycle

Vocabulary quizzes

Multiple Choice (Select the Correct answer for each question.)



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1. Which branch of physics deals with the behavior of particles at the atomic and subatomic levels?
Option: Quantum
Option: Complex
Option: Cyber
Option: Genetics
 2. Who are individuals with specialized knowledge in a particular field?
Option: Challenges
Option: Experts
Option: Regulating
Option: Dominance
 3. In a medical study what is an inactive substance or treatment that has no therapeutic effect?
Option: Systems
Option: Placebo
Option: Cycle
Option: Tropical
 4. Which medication is used for the acute treatment of migraines in adults?
Option: Primary
Option: Pelvis
Option: Ubrogapant
Option: Birth
 5. What is the long-term pattern of temperature humidity and rainfall in an area?
Option: Repeat
Option: Insights
Option: Climate
Option: Recovering
 6. What type of malicious software threatens to publish a victim's data or perpetually block access to it unless a ransom is paid?
Option: Sensitivity
Option: Ransomware
Option: Understanding
Option: Dizziness
 7. What are difficulties or obstacles that need to be overcome?
Option: Challenges
Option: Dominance
Option: Quantum
Option: Genetics



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8. Which field of biology focuses on the study of genes and heredity?
Option: Cyber
Option: Features
Option: Genetics
Option: Regulating
9. What is the process of regaining health or returning to normalcy after an illness or injury?
Option: Trust
Option: Recovering
Option: Migraines
Option: Cyber
10. Which climate zone is characterized by warm temperatures and high humidity?
Option: Symptoms
Option: Tropical
Option: Experts
Option: Complex

Gap-Fill (Fill in the blanks with the correct word from the vocabulary list.)

11. The water cycle involves the continuous movement of water through the atmosphere land and _____.
12. _____ complications can arise during pregnancy or labor that require medical attention.
13. Some individuals have a high level of auditory _____ making them sensitive to loud noises.
14. In genetics the principle of _____ states that some alleles are dominant over others.
15. A computer _____ can be vulnerable to cyber attacks if not properly secured.
16. Consulting with medical _____ can provide valuable insights into complex health conditions.
17. Governments play a key role in _____ industries to ensure fair competition and



consumer protection.

18. The spread of _____ attacks highlights the importance of cybersecurity measures.

19. Studying the genetic code can provide valuable _____ into hereditary diseases.

20. Understanding the _____ nature of quantum mechanics is a significant challenge for physicists.

Matching Sentences (Match each definition to the correct word from the vocabulary list.)

21. Severe headaches that can be accompanied by sensitivity to light and sound.
22. A feeling of lightheadedness or unsteadiness that can be caused by various factors.
23. The basin-shaped structure in the lower part of the trunk that supports the spine and hips.
24. The ability to comprehend or grasp the meaning of something.
25. Distinct characteristics or traits of a particular object or system.
26. The confidence and reliance placed in someone or something.
27. Interconnected components working together to achieve a specific objective.
28. Individuals with specialized knowledge and skills in a particular field.
29. A series of events or processes that repeat in a particular order.
30. The average weather conditions in a region over a long period of time.

Answer

Multiple Choice: 1. Quantum 2. Experts 3. Placebo 4. Ubrogapant 5. Climate 6. Ransomware 7. Challenges 8. Genetics 9. Recovering 10. Tropical

Gap-Fill: 11. oceans 12. Birth 13. sensitivity 14. dominance 15. system 16. experts 17. regulating 18. cyber 19. insights 20. complex

Matching sentence: 1. Migraines 2. Dizziness 3. Pelvis 4. Understanding 5. Features 6. Trust 7. Systems 8. Experts 9. Cycle 10. Climate



CATEGORY

1. Sci/Tech - LEVEL2

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