

Chasing Ice Film Quiz

QUESTIONS:

- 1. In 2014, what percentage of the Earth's land area is covered in glacial ice?**
 - a. 10%
 - b. 20%
 - c. 30%
- 2. What percentage of the Earth's land area did glaciers cover during the last Ice Age?**
 - a. 22%
 - b. 32%
 - c. 42%
- 3. If all the land ice melted, approximately how much would sea levels rise?**
 - a. 100 feet (30 meters)
 - b. 170 feet (50 meters)
 - c. 230 feet (70 meters)
- 4. How many countries have at least one glacier?**
 - a. 27
 - b. 37
 - c. 47
- 5. Approximately how old is the Antarctic ice sheet, which is actually a glacier?**
 - a. 900,000 years
 - b. 5 million years
 - c. 40 million years
- 6. What is glacial calving?**
 - a. A glacier breaking up or splintering so as to produce a detached piece
 - b. A glacier expanding, producing more ice coverage
 - c. A glacier thinning by melting down
- 7. What percentage of the world's fresh water is preserved in glaciers?**
 - a. 25%
 - b. 50%
 - c. 75%
- 8. What color does glacial ice appear to be when it is at its most dense?**
 - a. Red
 - b. Blue
 - c. White
- 9. Which U.S. state (apart from Alaska) has the largest area of glaciers?**
 - a. Washington
 - b. Montana
 - c. Wyoming
- 10. Which part of drilled glacial samples, otherwise known as ice cores, do scientists examine for a long-term climate record?**
 - a. Ice crystals
 - b. Frozen mud
 - c. Trapped air bubbles

HOW DID YOU DO?

ANSWERS: 1:a, 2:b, 3:c, 4:c, 5:c, 6:a, 7:c, 8:b, 9:b, 10:c