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Level 4 – 26th August 2024

Antarctica is rising from the ocean

FREE online quizzes, mp3 listening and more for this lesson here:

<https://breakingnewsenglish.com/2408/240826-antarctica-post-glacial-uplift-4.html>

Contents

The Reading	2
Phrase Matching	3
Listening Gap Fill	4
No Spaces	5
Survey	6
Writing and Speaking	7
Writing	8

Please try Levels 5 and 6. They are (a little) harder.

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THE READING

From <https://breakingnewsenglish.com/2408/240826-antarctica-post-glacial-uplift-4.html>

Antarctica is rising because of a phenomenon called post-glacial uplift. Huge volumes of ice have melted from the continent's glaciers, making it lighter. This means it is slowly rising. The melting glaciers are causing sea levels to rise. A geologist wrote: "Measurements show that the...Antarctic ice sheet is changing shape surprisingly quickly. The land uplift from reduced ice on the surface is happening in decades, rather than over thousands of years."

Researchers used 3D models to estimate rising sea levels. They could rise by 19.5 meters by 2500. A glaciologist wrote: "With nearly 700 million people living in coastal areas, and the potential cost of sea-level rise reaching trillions of dollars...understanding the domino effect of Antarctic ice melt is crucial." She wrote about "the climate injustice toward nations whose emissions are low, while their...vulnerability to sea-level rise is high."

Sources: <https://www.sciencealert.com/one-of-earths-continents-is-rising-up-and-the-effects-could-be-huge>
<https://bgr.com/science/antarctica-is-rising-out-of-the-ocean-and-it-could-change-everything/>
<https://www.wionews.com/science/antarctica-is-rising-from-ocean-and-losing-weight-heres-how-it-will-impact-earth-751995>

PHRASE MATCHING

From <https://breakingnewsenglish.com/2408/240826-antarctica-post-glacial-uplift-4.html>

PARAGRAPH ONE:

- | | |
|-------------------------------------|------------------------|
| 1. a phenomenon called | a. in decades |
| 2. Huge volumes of ice | b. glaciers |
| 3. This means it is slowly | c. quickly |
| 4. melting | d. thousands of years |
| 5. changing shape surprisingly | e. rising |
| 6. The land uplift from reduced ice | f. post-glacial uplift |
| 7. happening | g. on the surface |
| 8. rather than over | h. have melted |

PARAGRAPH TWO:

- | | |
|-------------------------------------|----------------------|
| 1. Researchers used 3D | a. are low |
| 2. estimate | b. by 19.5 meters |
| 3. They could rise | c. rise is high |
| 4. people living in | d. injustice |
| 5. understanding the domino | e. models |
| 6. climate | f. effect |
| 7. nations whose emissions | g. rising sea levels |
| 8. their vulnerability to sea-level | h. coastal areas |

LISTEN AND FILL IN THE GAPS

From <https://breakingnewsenglish.com/2408/240826-antarctica-post-glacial-uplift-4.html>

Antarctica is rising because (1) _____ called post-glacial uplift. Huge volumes of ice have melted from (2) _____, making it lighter. This means it is slowly rising. The (3) _____ causing sea levels to rise. A geologist wrote: "Measurements show that the...Antarctic ice sheet is changing (4) _____. The land uplift from (5) _____ the surface is happening in (6) _____ over thousands of years."

Researchers used 3D (7) _____ rising sea levels. They could rise by 19.5 meters by 2500. (8) _____: "With nearly 700 million people living in coastal areas, and (9) _____ of sea-level rise reaching trillions of dollars...understanding the (10) _____ Antarctic ice melt is crucial." She wrote about "the (11) _____ nations whose emissions are low, while their...(12) _____ -level rise is high."

PUT A SLASH (/) WHERE THE SPACES ARE

From <https://breakingnewsenglish.com/2408/240826-antarctica-post-glacial-uplift-4.html>

Antarctica is rising because of a phenomenon called post-glacial uplift. Huge volumes of ice have melted from the continent's glaciers, making it lighter. This means it is slowly rising. The melting glaciers are causing sea level to rise. A geologist wrote: "Measurements show that the Antarctic ice sheet is changing shape surprisingly quickly. The land uplift from reduced ice on the surface is happening in decades, rather than over thousands of years." Researchers used 3D models to estimate rising sea levels. They could rise by 19.5 meters by 2500. A glaciologist wrote: "With nearly 700 million people living in coastal areas, and the potential cost of sea-level rise reaching trillions of dollars... understanding the domino effect of Antarctic ice melt is crucial." She wrote about "the climate injustice toward nations whose emissions are low, while their... vulnerability to sea-level rise is high."

ANTARCTICA SURVEY

From <https://breakingnewsenglish.com/2408/240826-antarctica-post-glacial-uplift-4.html>

Write five GOOD questions about Antarctica in the table. Do this in pairs. Each student must write the questions on his / her own paper. When you have finished, interview other students. Write down their answers.

	STUDENT 1 _____	STUDENT 2 _____	STUDENT 3 _____
Q.1.			
Q.2.			
Q.3.			
Q.4.			
Q.5.			

- Now return to your original partner and share and talk about what you found out. Change partners often.
- Make mini-presentations to other groups on your findings.

WRITE QUESTIONS & ASK YOUR PARTNER(S)

Student A: Do not show these to your speaking partner(s).

a) _____

b) _____

c) _____

d) _____

e) _____

f) _____

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WRITE QUESTIONS & ASK YOUR PARTNER(S)

Student B: Do not show these to your speaking partner(s).

a) _____

b) _____

c) _____

d) _____

e) _____

f) _____

WRITING

From <https://breakingnewsenglish.com/2408/240826-antarctica-post-glacial-uplift-4.html>

Write about **Antarctica** for 10 minutes. Read and talk about your partner's paper.
