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### Level 4 - 28th October 2024

### Atlantic Ocean circulatory current could collapse

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https://breakingnewsenglish.com/2410/241028-amoc-ocean-current-4.html

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

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#### THE READING

From https://breakingnewsenglish.com/2410/241028-amoc-ocean-current-4.html

The system of ocean currents that maintains our temperate weather could collapse. The Atlantic Meridional Overturning Circulation (AMOC), which brings heat from the Caribbean to the north Atlantic, could fail within 50 years. It has been weakening for decades due to global warming. The northern Atlantic is the only global region that is cooling. Experts now believe the chance of AMOC crossing the tipping point this century has increased from 10 to 50 per cent.

Meteorologists say the failure of AMOC would have "devastating and irreversible impacts, which will affect the entire world for centuries". It would negatively disrupt weather and the lives of hundreds of millions of people. Temperatures in the U.K. could become 15°C lower. Colder weather could "potentially threaten the viability of agriculture" in Europe. Tropical monsoons could shift south, causing drought, famine, climate refugees and geopolitical tensions.

Sources:

https://www. theguardian.com/environment/2024/oct/23/we-dont-know-where-the-tipping-point-is-climate-expert-on-potential-collapse-of-atlantic-circulation

https://www.livescience.com/planet-earth/rivers-oceans/we-dont-really-consider-it-low-probability-anymore-collapse-of-key-atlantic-current-could-have-catastrophic-impacts-says-oceanographer-stefan-rahmstorf

https://www.**msn.com**/en-ph/news/other/the-gulf-stream-is-on-the-verge-of-collapsing-climate-scientists-warn/ar-AA1sLW3Z

#### PHRASE MATCHING

From https://breakingnewsenglish.com/2410/241028-amoc-ocean-current-4.html

#### **PARAGRAPH ONE:**

- 1. The system of ocean
- 2. temperate
- 3. heat from the
- 4. fail within
- 5. It has been weakening
- 6. the only global region
- 7. the chance of AMOC crossing
- 8. increased from

- a. for decades
- b. Caribbean
- c. the tipping point
- d. 10 to 50 per cent
- e. 50 years
- f. currents
- g. that is cooling
- h. weather

#### **PARAGRAPH TWO:**

- 1. devastating and irreversible
- 2. affect the entire world
- 3. Temperatures in the U.K. could
- 4. threaten the viability
- 5. tropical
- 6. shift south,
- 7. climate
- 8. geopolitical

- a. refugees
- b. impacts
- c. causing drought
- d. for centuries
- e. tensions
- f. of agriculture
- g. become 15°C lower
- h. monsoons

### LISTEN AND FILL IN THE GAPS

From <a href="https://breakingnewsenglish.com/2410/241028-amoc-ocean-current-4.html">https://breakingnewsenglish.com/2410/241028-amoc-ocean-current-4.html</a>

The (1)	currents that maintains our
temperate (2)	The Atlantic Meridional
Overturning Circulation (AMOC), which brid	ngs heat from the Caribbean to
the north Atlantic, (3)	50 years. It has been
weakening (4)	to global warming. The
northern Atlantic is the	only global region
(5) Exper	rts now believe the chance of
AMOC crossing the (6)	century has
increased from 10 to 50 per cent.	
Meteorologists say (7)	AMOC would have
"devastating (8)	, which will affect the entire
world for centuries". It (9)	weather and the
lives of hundreds of millions of people.	Temperatures in the U.K. could
become 15°C lower. Colder v	weather could "potentially
(10)	of agriculture" in Europe.
(11)	shift south, causing
(12) refuge	es and geopolitical tensions

### PUT A SLASH ( / ) WHERE THE SPACES ARE

From https://breakingnewsenglish.com/2410/241028-amoc-ocean-current-4.html

Thesystemofoceancurrentsthatmaintainsourtemperateweathercoul dcollapse.TheAtlanticMeridionalOverturningCirculation(AMOC),whi chbring sheat from the Caribbean to the north Atlantic, could fail within 5Oyears. Ithas been weakening for decades due to global warming. Then o rthernAtlanticistheonlyglobalregionthatiscooling. Experts now believ ethechanceofAMOCcrossingthetippingpointthiscenturyhasincrease dfrom10to50percent.MeteorologistssaythefailureofAMOCwouldhav e"devastatingandirreversibleimpacts, which will affect the entire world forcenturies". It would negatively disrupt weather and the lives of hundred the state of the sta edsofmillionsofpeople.TemperaturesintheU.K.couldbecome15°Clo wer.Colderweathercould"potentiallythreatentheviabilityofagricultu re"inEurope.Tropicalmonsoonscouldshiftsouth,causingdrought,fam ine, climatere fugees and geopolitical tensions.

Level - 4 Atlantic Ocean circulatory current could collapse – 28th October 2024

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#### **WEATHER PATTERNS SURVEY**

From <a href="https://breakingnewsenglish.com/2410/241028-amoc-ocean-current-4.html">https://breakingnewsenglish.com/2410/241028-amoc-ocean-current-4.html</a>

Write five GOOD questions about weather patterns 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).

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### **WRITING**

From <a href="https://breakingnewsenglish.com/2410/241028-amoc-ocean-current-4.html">https://breakingnewsenglish.com/2410/241028-amoc-ocean-current-4.html</a>

Write about <b>weather</b> paper.	patterns	for 10	minutes.	Read	and	talk	about	your	partner's