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Level 5 - 28th October 2024

Atlantic Ocean circulatory current could collapse

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https://breakingnewsenglish.com/2410/241028-amoc-ocean-current-5.html

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Please try Levels 4 and 6. They are (a little) harder.





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THE READING

From https://breakingnewsenglish.com/2410/241028-amoc-ocean-current-5.html

The system of ocean currents responsible for maintaining temperate weather worldwide could collapse. Experts say the Atlantic Meridional Overturning Circulation (AMOC) could fail within 50 years. AMOC brings heat from the Caribbean to the northern Atlantic Ocean. Oceanographers say AMOC has been weakening for decades because of global warming. The northern Atlantic is the only region in the world that is cooling. Experts once believed there was a 10 per cent chance of AMOC crossing the tipping point this century. However, they now say there is a 50/50 possibility.

Meteorologists say the failure of AMOC would lead to "devastating and irreversible impacts which will affect the entire world for centuries to come". It would disrupt global weather and negatively affect the lives of hundreds of millions of people. Scientists predict that temperatures in the U.K. could become 15°C lower. Colder weather could "potentially threaten the viability of agriculture" in Europe. Furthermore, tropical monsoons could shift southwards, causing drought and famine. This will create huge numbers of climate refugees and escalate 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-5.html

PARAGRAPH ONE:

 the system of ocean 	
---	--

- 2. responsible for maintaining temperate
- 3. fail within 50
- 4. AMOC brings heat from
- 5. AMOC has been weakening
- 6. the only region in the world that
- 7. crossing the
- 8. there is a 50/50

a. tipping point

- b. the Caribbean
- c. possibility
- d. weather
- e. is cooling
- f. years
- q. for decades
- h. currents

PARAGRAPH TWO:

- 1. devastating and
- 2. affect the entire
- 3. for centuries
- 4. threaten the viability
- 5. tropical
- 6. causing drought
- 7. huge numbers of climate
- 8. geopolitical

- a. of agriculture
- b. tensions
- c. monsoons
- d. to come
- e. refugees
- f. world
- g. and famine
- h. irreversible impacts

LISTEN AND FILL IN THE GAPS

From https://breakingnewsenglish.com/2410/241028-amoc-ocean-current-5.html

The system of (1) for maintaining
temperate weather (2) Experts say the
Atlantic Meridional Overturning Circulation (AMOC) could fail within
50 years. AMOC brings heat from the Caribbean
3) Atlantic Ocean. Oceanographers say
AMOC has been (4) because of global
warming. The northern Atlantic is the only region in the world
5) Experts once believed there was a
10 per cent chance of AMOC (6) point
this century. However, they now say there is a 50/50 possibility.
Meteorologists say the failure of AMOC would lead to "devastating
7) which will affect the entire world for
8)". It would disrupt global weather
and negatively affect the lives of hundreds of millions of people.
Scientists (9) in the U.K. could become
15°C lower. Colder weather could "(10)
viability of agriculture" in Europe. Furthermore, tropical monsoons
could shift southwards, causing (11)
This will create huge numbers of climate refugees and
12)

PUT A SLASH (/) WHERE THE SPACES ARE

From https://breakingnewsenglish.com/2410/241028-amoc-ocean-current-5.html

Thesystemofoceancurrentsresponsibleformaintainingtemperatewe atherworld wide could collapse. Experts say the Atlantic Meridional OverturningCirculation(AMOC)couldfailwithin50years.AMOCbringsheatf romtheCaribbeantothenorthernAtlanticOcean.Oceanographerssay AMOChasbeenweakeningfordecadesbecauseofglobalwarming. Then orthernAtlanticistheonlyregionintheworldthatiscooling.Expertsonce believedtherewasa10percentchanceofAMOCcrossingthetippingpoin tthiscentury. However, they now say there is a 50/50 possibility. Meteor ologistssaythefailureofAMOCwouldleadto"devastatingandirreversib leimpactswhichwillaffecttheentireworldforcenturiestocome". Itwoul ddisruptglobalweatherandnegativelyaffectthelivesofhundredsofmill ionsofpeople. Scientists predict that temperatures in the U.K. could be c ome15°Clower.Colderweathercould"potentiallythreatentheviability ofagriculture"inEurope.Furthermore,tropicalmonsoonscouldshiftso uthwards, causing drought and famine. This will create huge numbers of climaterefugeesandescalategeopoliticaltensions.

WEATHER PATTERNS SURVEY

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

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 https://breakingnewsenglish.com/2410/241028-amoc-ocean-current-5.html

Write about weathe paper.	er patterns	for 10	minutes.	Read	and	talk	about	your	partner's