'Slow' ocean may cause climate chaos

Atlantic 'conveyor belt' at its most sluggish in 1,000 years may lead to extreme weather, warn scientists

By Emma Gatten ENVIRONMENT EDITOR

THE Atlantic current system that maintains mild weather in Europe is at its weakest in over a millennium, most likely because of climate change, scientists have found.

Circulation (Amoc) is part of a system of ocean currents that acts as a conveyor belt to move water around the Earth, redistributing heat and acting as a key link in maintaining the world's climate. It began a serious slowdown around

HMRC boss

reports rise

By Daily Telegraph Reporter

suspect contact from criminals.

received a scam call this week."

number had been compromised.

personal and financial details.

nals tried to cash in.

ing fake support or grants.

per cent on the previous year.

have fallen victim to a scam should con-

tact their bank immediately and report

people and businesses.

spike in reported scams.

receives scam

years, according to a study in the journal Nature Geoscience.

further weakening will be on weather patterns, but scientists believe it could bring more heatwaves in Europe, and sea level rise on the east coast of the US.

The impact of changing water temperatures is also potentially devastating for some marine life, with the slowdown already linked to lower cod numbers off Maine.

Some evidence suggests there could The Atlantic Meridional Overturning be a "tipping point" sometime after 2100 when the system collapses, which could cause intense winter storms in Europe and a significant cooling effect across the northern hemisphere that would not be offset by global warming.

Co-author Dr David Thornalley, from

1850 and is now at its slowest in 1,000 University College London, said: "This measured since 2004, leaving scientists rainfall reduces saline content. Dr study shows the increasing evidence in support of the modern Atlantic Ocean It is not certain what the impact of undergoing unprecedented changes in comparison to the last millennium, and in some cases longer."

The year, roughly, that the ocean 'conveyor belt' began to slow. It could now cause more heatwaves in Europe, it is claimed

Scientists from Ireland, Britain and Germany looked at 11 different sources of data, including tree rings, ocean sediment and corals.

The Amoc has only been directly

to rely on indirect measurements such as these to monitor historic change, which produce imprecise results.

Dr Laura Jackson, a Met Office scientist specialising in Amoc who was not involved in the study, said there were "still uncertainties associated with using these indirect observations"

But the paper adds to previous research that found a weakening of the Amoc, with one study suggesting there has been a 15 per cent decrease since the mid-century.

Climate change models assume a slowing of the Amoc, because the water is driven by its density, which is due to low temperatures and salinity.

Both of these are expected to change as greenhouse gases warm the atmosphere and melting ice and increased

Andrew Meijers, deputy science leader of polar oceans at British Antarctic Survey, said: "The Amoc has a profound influence on global climate, and particularly in North America and Europe, so this evidence of an ongoing weakening of the circulation is critical new evidence for the interpretation of future projections of regional and global cli-

But Tim Palmer, a professor in climate physics at Oxford University, said: The extent to which Amoc variability affects European weather is a matter of great uncertainty, as there are many other drivers for variations in European

"Overall, this is an interesting study. However, it shouldn't be over-inter-

Sunak's Budget may be sunk by Tory rebels and tactical Labour

Continued from Page 1

yet to rule out increases in capital gains tax or allowing a 5p per litre increase in fuel duty to go ahead as planned. He is also expected to freeze the personal income tax allowance thresholds of £12,500 and £50,000, a "stealth" tax raid that could raise billions of pounds.

Some revenue-raising measures may be pushed to November, his next major financial statement, when it is hoped the economy will be better placed, with the worst of the Covid pandemic over.

Mr Sunak has made clear in the past he is by instinct a low-tax Tory, but his willingness to countenance tax rises has concerned some Conservatives. Mr Cameron told CNN: "Today we do face very different circumstances. So piling, say, tax increases on top of that before you've even opened up the economy wouldn't make any sense at all.

"I think it's been right for the government here in the UK and governments around the world to recognise this is more like a sort of wartime situation."

Mel Stride, chairman of the Treasury select committee, said the Chancellor risked a Tory rebellion if he pushed up capital gains tax. And Sir Keir Starmer, the Labour leader, came out firmly against tax rises on families and businesses, aligning his party to the Tory backbench in a way that could increase the possibility of a successful rebellion.

About 68 Tory MPs have written to Mr Sunak demanding a "significant cut in beer duty" before the 2024 election, job because the working conditions saying it would help pubs shuttered | were so bad, a court has heard. during the pandemic. It came as the Chancellor was warned in a letter from | Derek Barks, 51, a maintenance fitter, hospitality leaders that one in five businesses had insufficient cash to survive the rest of February.

Allegra Stratton, the PM's press secretary, said No10 considered Tory votes against the Budget as a confidence issue, meaning rebel MPs could lose the whip. A Treasury spokesman declined to comment on the Budget's specifics.

weather, including atmospheric chaos.

to move with the times

A small Welsh watch business is believed to be the first company in the world to use new payment technology which allows customers to purchase items with cryptocurrencies.

NEWS BULLETIN

Journalist's complaint about minister dismissed The Cabinet Office has dismissed a

complaint about Kemi Badenoch, the

tirade at a journalist was issued from

for accusing Nadine White of "creepy and bizarre" behaviour after the

HuffPost reporter sent a standard

to media freedom being registered

Alex Chisholm, the Cabinet Office

Badenoch was responsible for her own

conduct on her social media account.

Watch firm goes crypto

request for comment to a

Government press office.

with the Council of Europe.

permanent secretary, said Ms

a "personal" Twitter account.

equalities minister, by arguing that her

Ms Badenoch was widely criticised

The row led to an alert about the risk

Watches of Wales, based in Cardiff, says it hopes the move to accepting digital currency like Bitcoin will offer a 'VIP experience" to customers around the globe and was prompted by a desire "to move with the times".

The payment technology, Utrust,

facilitates transactions with any of the major cryptocurrencies and allows customers to choose which digital assets to pay with.

The digital currency is automatically converted into cash for businesses.

Small businesses given online security advice

Cyber security guidance for small businesses is being offered through an online tool from the National Cyber Security Centre (NCSC).

The Cyber Action Plan is being rolled out in response to an increase in small businesses moving online for the first time. The most recent Government Cyber Security Breaches survey found that almost half of small companies had reported a cyber attack

in the past year. Sarah Lyons, NCSC deputy director for economy and society, said: "Small businesses are the lifeblood of this country, but we know they can be a target for cyber criminals, particularly as they move more operations online."

Mill cleaner who died in blast wanted to quit job

A mill cleaner killed in an explosion told a neighbour the night before the blast that she was looking for another

Dorothy Bailey, 62, died along with Derek Moore, 62, a mill worker, and Jason Shingler, 38, a chargehand, in the explosion at the wood mill in Bosley, Cheshire, on July 17 2015.

Wood Treatment Ltd, which ran the mill, denies corporate manslaughter. George Boden, 65, its owner and director, denies gross negligence manslaughter and a health-and-safety offence. The trial at Chester Town Hall

Ofcom inquiry into DJ's 'pay-for-play' radio deal

Ofcom has launched an investigation after it was alleged that a Capital Xtra DJ asked artists for payments of £200 to play songs on his weekly radio show.

The watchdog is looking into the actions of DJ Tiiny, who has toured with stars including Stormzy. One listener complained to Ofcom about the reported pay-for-play deal, which breaches the watchdog's code on commercial arrangements.

DJ Tiiny, whose real name is Frank Boakye-Yiadom, had been on Capital Xtra since 2018 but he was dropped earlier this month.

DJ Tiiny released an apology on Twitter in which he said he had learnt "a much-needed lesson".

Father to be sentenced over murder of daughter

A father will today be sentenced after being found guilty of murdering his five-month-old daughter.

Philip Peace, 43, of Dudley, West Mids, was convicted after a five-week trial at Birmingham Crown Court.

Jurors heard how Summer Peace had been shaken and thrown and suffered serious injuries, including fractured ribs, retinal bleeding and a brain injury. Peace had been alone looking after Summer in 2017 when he called 999, telling the operator she had become unresponsive.

Summer was taken to hospital but life support was withdrawn the next day, as it became clear nothing could be done to save her.





Golden touch A conservator works on one of 12 wrought iron panels by Jean Tijou, a Hugenot who came to England in 1689, in the Privy Garden at Hampton Court Palace.

Britain cannot 'wash its hands' of IS brides, MPs warn

By Charles Hymas and Robert Mendick

it to Action Fraud.

REFUSING to repatriate Shamima

Begum and other British Islamic State brides will fuel the terrorist threat against the UK, senior Tories have In a letter to Dominic Raab and Priti

Patel, the four MPs, including three former ministers, said that Britain should not "wash its hands" of the 40 Britons detained in camps for IS fighters and their families in northern Syria.

The MPs, Andrew Mitchell, David avis. Tom Tugendhat and Tobias Ell
"If they are judged to be a risk, then Davis, Tom Tugendhat and Tobias Ellwood, warned that it would "necessar-

the UK in the future".

a 15-year-old schoolgirl to join IS in 2015, should be allowed back to the UK to challenge the removal of her British itizenship.

Daily Telegraph, Mr Mitchell, the former international development secretary, said that whatever the judgment, leaving Begum and other Britons "swilling around in ungoverned space" had processed by the British criminal jus-

"There are a host of potentially applicable offences on the statute book, such as preparation of terrorist acts under Section 5 of the Terrorism Act 2006,

has made crystal clear Britons returning from Syria can be prosecuted, saying he expects this to happen 'in the vast majority of cases'. Any returning prisoner who committed crimes in Syria will face British justice.

these cases." Begum's British citizen- frustration". The US, which recently ship was revoked on national security grounds after she was found in a Syrian

effective" appeal against the decision was to return to the UK.

refugee camp in February 2019.

But the Home Office said it would create "significant national security risks" and expose the public to "an increased risk of terrorism".

In their letter, the MPs say failure to bring the Britons back would "abdicate our duty as a responsible nation" and "Our justice system is also best placed warned that British inaction had already

repatriated 28 Americans, had even offered the UK operational support, they said. Maya Foa, director of Reprieve, a

human rights charity, said: "Abandoning British women and children in these camps is a cowardly abdication of responsibility, and out of step with our allies' efforts to repatriate nationals.'

There is concern in government that repatriation of the Britons would still provide security services and counterterrorism police with a problem in how to control them. Round-the-clock surveillance is prohibitively expensive and requires significant manpower.

Peer backs moving more government jobs out of London

Continued from Page 1 would help make sure decision-makers are "acquainted with the challenges faced by those outside the metropolitan bubble". Lady Finn threw her support behind the plan for the Treasury to build a major new campus in the North. Teesside is the "obvious location", she said given its transport links and proximity to the universities of Durham and New-

In addition, the Ministry of Housing, Communities and Local Government is set to relocate to the Midlands. She said that Wolverhampton, with good rail transport links and an up-and-coming university, offered a "compelling opportunity", instead of the "easy choice" of Birmingham.

While she backed moving central government infrastructure and jobs out of London, however, she warned it was "not enough". There must also be "respect for and inclusion of different

voices and life experiences' The "career ladder" within the civil service should be broken up, so that private sector employees can be welcomed in for periods of two years or more in order to share their expertise in sectors

such as renewable energy, she said. She also singled out the Civil Service apprentice programme as an engine of | involved with the decisions made by change and called for its acceleration.

Today, the Supreme Court will rule on whether Begum, who left London as

Writing exclusively online for *The*

evelling up is usually used to

describe the strategy of

✓ funnelling investment to

deprived areas, but the essence of

levelling up is to make opportunity

more equal. Talent is spread equally

across the country, but opportunity is

not. In the Brexit referendum of 2016,

overlooked families and undervalued

discontent with a political system they

regarded as aloof, arrogant, remote

and centralised. A key part the Civil

Service can play in drawing together a

renewed sense of common purpose is

making sure it draws on all the talents

of every part of the UK, and ensuring

that decision makers are acquainted

with the challenges faced by those

When it comes to questions of

citizens in Mansfield or Merthyr Tydfil

outside the metropolitan bubble.

welfare policy, being intimately

communities expressed their

Commentary

By Baroness Finn

ily create even more security risks for returned to Britain where they can be tice system," he said.

which can carry a life sentence.

"The Director of Public Prosecutions

all the more reason why they should be to deal with the deep complexities of

can only bring an additional level of

formulation. What the Government

should do is make a strategic choice

about relocating parts of the state and

its infrastructure to significant parts of

the UK, but also ensuring that in those

ensure career opportunities for those

locations, but also bringing to those

The Treasury is in the lead on this,

decision-making campus. Various sites

transport links provided by Tees Valley

and Teesside International Airport and

acknowledging Darlington's proximity

exemplar of change. Another example

would be the relocation of the Ministry

are being canvassed, but compelling

areas there is a critical mass or a

who are operating in those new

new locations a sense of identity,

with the new northern economic

logic says Teesside is the obvious

location. Taking advantage of the

to the universities of Durham and

Newcastle, it could be an attractive

of Housing, Communities and Local

which is on the West Coast Main Line

Government to Wolverhampton,

and is also a city with an up-and-

coming university.

purpose, and civic pride.

concentration of jobs - not just to

granularity and effectiveness to policy

Success of 'levelling-up' agenda depends on

The Appeal Court ruled last July that the only way she could have a "fair and

caused the US to express "extraordinary

Civil Service drawing on talent from across UK However, it is not enough simply to relocate jobs. Those leading the Civil Service also need to think harder about

This means welcoming people into the service not just for secondments but for periods of two years or more, so that the Civil Service can gain from people whose expertise is in, for example, renewable energy. The Civil Service apprentice programme should also be accelerated. The success of the Boardroom Apprentice programme in Northern Ireland demonstrates the enormous benefits of enabling people from different backgrounds, ages, and abilities to bring a greater range of experience and perspective to public

cognitive diversity. Levelling up means not only geographical diversity, but

respect for and inclusion of different

voices and life experiences.

There also has to be a recognition that you cannot simply mandate economic growth from the centre if there is no foundation on which to build. State interventions must work with the grain of economic activity that already exists, and ensure the enabling environment acts as an accelerator. This is particularly the case with digital and physical

sector and third sector boards.

infrastructure which is needed to help tackle climate change and boost transport connectivity. We need to address the lack of capability in the Civil Service to deliver successful projects across the UK and create the right enabling environment. The Treasury is also changing the Green Book, the rules used to determine the value of government schemes.

The Government must be allowed to take on genuine risk and invest at earlier stages when the risk cannot be fully quantified and would therefore be out of bounds for early-stage venture capital. There are enormous challenges if the levelling-up agenda is to be a success and there is a proper transfer of power to the regions. The Civil Service needs to become more open to new ideas and decision making, more commercially aware, and less risk averse. If the Government gets this right, it will be able to deliver opportunities for the whole country.

Baroness Finn is the Downing Street deputy chief of staff and a non-executive board member at the Cabinet Office. This article was first published in Centre Write, the magazine of the liberal conservative think-tank Bright Blue.

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