

SATURDAY 24 SEPTEMBER 2022**SAT 00:00 BBC News (w172ykq8735c3w8)**

The latest five minute news bulletin from BBC World Service.

SAT 00:06 The Real Story (w3ct33pg)

What next for the Commonwealth?

The Queen was seen as a unifying force in the Commonwealth. With her death, will the organisation re-invent itself for the next generation, or fade away? Questions are being asked about whether the Commonwealth is a neo-colonial project and what it can actually do for its members. Others argue that while the Commonwealth has its roots in empire, it is a crucial forum for smaller countries to amplify their voice and work with more powerful allies. We'll look at what the Commonwealth is for and what challenges lie ahead for King Charles III as he takes the helm. What would change if the organisation ceased to exist and what does it mean for Britain's place in the world?

Ritula Shah is joined by a panel of expert guests.

Producers: Ellen Otzen and Zak Brophy

SAT 01:00 BBC News (w172ykq8735c7md)

The latest five minute news bulletin from BBC World Service.

SAT 01:06 Business Matters (w172yq17wlc4jr)

Global markets stall after troubled week

It began with a historic hike from the Federal Reserve, and ended with a major economic policy reset in the UK. Between that, other central banks have followed the Fed's course, and currencies around the globe have been rocked.

Interest rates, inflation and insecurity have defined the last five days - a tumultuous week in global affairs.

On Business Matters we discuss the effect it's having on markets and business confidence. Peter Jankovskis of Arbor Financial Services joins us from Illinois; and from Malaysia, Jessica Khine.

Business coach Becky Candy tells us what it's like for ordinary companies in Britain, while US professor David Blanchflower reacts to today's 'mini budget' in Westminster.

As more Asian countries continue to relax their Covid travel rules, we also explore how Japan is attempting to reinvigorate its tourism trade.

(Picture: The UK Chancellor, Kwasi Kwarteng. Credit: Getty Images).

SAT 02:00 BBC News (w172ykq8735cccj)

The latest five minute news bulletin from BBC World Service.

SAT 02:06 The Newsroom (w172y17wmhjbpzx)

The world's Newsroom brings you global events as they happen

SAT 02:30 BBC News Summary (w172ykr2nts1qmx)

The latest two minute news summary from BBC World Service.

SAT 02:32 Stumped (w3ct3714)

The inside story of England's tour of Pakistan

On this week's Stumped with Alison Mitchell, Jim Maxwell and Charu Sharma, we speak to a journalist staying in England's team hotel during their first tour of Pakistan for 17 years. Nick Hoult, the chief cricket correspondent for the Telegraph, shares his experience of watching England's win in Karachi with security armed with sniper rifles surrounding the press box.

We also discuss the inaugural auction for Cricket South Africa's SA20 league and ask whether the inexperienced Tristan Stubbs is worthy of being the most expensive player in the competition.

Plus, we hear about what cricket's like in the small European country of Montenegro. The national side even boast a former English Premier League footballer amongst its ranks!

Photo: Moeen Ali of England and Babar Azam of Pakistan are seen at the toss ahead of the 1st IT20 match between Pakistan and England at Karachi National Stadium on September 20, 2022 in Karachi, Pakistan. (Credit: Getty Images)

SAT 03:00 BBC News (w172ykq8735ch3n)

The latest five minute news bulletin from BBC World Service.

SAT 03:06 The Fifth Floor (w3ct37zr)

Mahsa Amini's father speaks out

Mahsa Amini, a 22-year-old Iranian woman, died a week ago after being detained by Iran's so called 'morality police', who claimed she was violating the country's strict dress code laws. Witnesses claim she was beaten, while the official explanations claim she had pre-existing health issues. We hear from BBC Persian's Jiyar Gol about his interview with her father Amjad Amini, who has spoken out at great risk to himself and contradicted the official version of events.

The women turning rice into wealth in Sierra Leone
Many Sierra Leoneans rely on subsistence farming to survive, but a group of single mothers and widows in southern Sierra Leone have formed a farming collective and turned their farm into a highly profitable business, as BBC Africa Women's Affairs journalist Azezat Olaoluwa reports.

The BBC's Disinformation Unit in India

This year BBC News India launched a new Disinformation Unit to uncover, analyse and report on the spread of fake news. Jugal Purohit is part of the Delhi-based team, which highlights false information, debunks viral social media content and investigates how and why it spreads.

The impact of Lebanon's economic crisis

The recent sinking of a boat carrying many Lebanese migrants, which left dozens dead, has highlighted the economic crisis which has left much of the population in despair. People with money are also suffering, as they're unable to withdraw funds from their accounts. Some have even gone to banks armed with guns to try to get hold of their own money. Carine Torbey has been reporting both stories for BBC Arabic.

The story behind the Bayraktar drones being used to defend Ukraine

At the start of the invasion of Ukraine, videos of Russian vehicles being destroyed in drone strikes travelled round the world. For Ukrainians, the Turkish Bayraktar drones have become a symbol of resistance; they've composed songs about them, and named pets and even children after them. BBC Ukrainian's Dzhafer Umerov interviewed the two brothers behind the drone, Haluk and Selçuk Bayraktar.

Photo: Mahsa Amini newspapers. Credit: Majid Asgaripour/WANA (West Asia News Agency) via REUTERS (from Elvis)

SAT 03:50 Witness History (w3ct3bx0)

Festival of Light

In September 1971, Christians from all over the UK held the Nationwide Festival of Light to protest against what they saw, as increasingly liberal attitudes to sex and the change in traditional family values.

Katie Edwards hears from three people who attended the event - organiser Peter Hill, Christian activist Celia Bowring and LGBT rights campaigner Peter Tatchell who protested against the event.

A Made in Manchester production for BBC World Service.

(Photo: Nationwide Festival of Light. Credit: Getty Images)

SAT 04:00 BBC News (w172ykq8735c1vs)

The latest five minute news bulletin from BBC World Service.

SAT 04:06 The Real Story (w3ct33pg)

[Repeat of broadcast at 00:06 today]

SAT 05:00 BBC News (w172ykq8735cqlx)

The latest five minute news bulletin from BBC World Service.

SAT 05:06 The Newsroom (w172y17wmhj279)

The world's Newsroom brings you global events as they happen

SAT 05:30 BBC News Summary (w172ykr2nts22w9)

The latest two minute news summary from BBC World Service.

SAT 05:32 World of Wisdom (w3ct2zwg)

Judging Ourselves Harshly

Can we learn to let go of negative thoughts that are bringing us down? Sometimes it can feel as if nothing in life is going the way it should and we judge ourselves for not doing better. Judy is from Thailand and lives in Japan. Her sister has to look after their elderly mother in Thailand alone and Judy is unhappy with herself for not having built a 'successful' career in Japan. She speaks to writer and teacher Gary Zukav. He suggests that, even though it sometimes doesn't feel like it, there might be a way to move beyond the control of these negative and damaging

feelings.

Presenter: Sana Safi

Producer: Charlie Taylor and Ruth Edwards

SAT 05:50 More or Less (w3ct3k56)

Ukraine's progress in numbers

Ukraine has reportedly recaptured nearly 10,000 square kilometres of territory that had been occupied by Russia. We ask where the numbers come from and what they mean. Plus with Norway supplanting Russia to become Europe's biggest supplier of natural gas, we ask how much money the country is making from the increased demand and higher prices.

Presenter: Tim Harford

Producer: Jon Bithey

Editor: Richard Vadon

Production Coordinator: Jacqui Johnson

Sound Engineer: Neil Churchill

SAT 06:00 BBC News (w172ykq8735cvc1)

The latest five minute news bulletin from BBC World Service.

SAT 06:06 Weekend (w172ykw1z3cz5q8)

Russia holds self-styled referendums in Ukraine territories

Russia is holding discredited referendums in the occupied areas of Ukraine. The referendums have been widely condemned as a sham.

Russians continue to flee their country in a bid to avoid President Vladimir Putin's conscription exercise to boost the faltering Ukraine war effort.

Also, in the programme the remarkable Syrian refugee story seeking to change perceptions on the plight of migrants.

Joining Julian Worricker to discuss these and other topical issues of the day are Lina Khatib the Director of the Middle East and North Africa Programme at the foreign affairs thinktank, Chatham House and Silio Bocanera a London-based Brazilian journalist, who's spent almost 40 years as a foreign correspondent. (Photo Credit: EPA - EFE - REX)

SAT 07:00 BBC News (w172ykq8735cz35)

The latest five minute news bulletin from BBC World Service.

SAT 07:06 Weekend (w172ykw1z3cz9gd)

Amazon forest takes centre stage in Brazil election

The Amazon forest has become one of the main issues in Brazil's upcoming election.

The latest on voting in the discredited plebiscite organised by Russia in occupied Ukrainian territory.

Plus, a rare interview with a young Russian who says he would rather go to prison than answer President Putin's call to serve in the military.

Joining Julian Worricker to discuss these and other topical issues of the day are Lina Khatib the Director of the Middle East and North Africa Programme at the foreign affairs thinktank, Chatham House and Silio Bocanera a London-based Brazilian journalist, who's spent almost 40 years as a foreign correspondent. (Photo Credit: Reuters)

SAT 08:00 BBC News (w172ykq8735d2v9)

The latest five minute news bulletin from BBC World Service.

SAT 08:06 Weekend (w172ykw1z3czf6j)

Italy prepares to vote in high stakes election

Italians will be voting on Sunday in a general election that might usher in the first far right leader since the end of second World war.

Plus, the story of a Netflix film presenting Syrian migrants in a different light.

And the award-winning musical - The Band's Visit - set for London premiere. It tells the story of what happened in a small Israeli town when Egyptian musicians made an unexpected visit.

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correspondent.

(Photo Credit: EPA -EFE/REX/Shutterstock)

SAT 08:30 BBC News Summary (w172ykr2nts2g3p)

The latest two minute news summary from BBC World Service.

SAT 08:32 The Conversation (w3ct37md)

Women fighting fake news

Fake news can have harmful consequences for those who believe it - but why are women often the target of disinformation campaigns? Kim Chakanetsa meets two experts to discuss how disinformation affect the lives of women around the world.

Paulina Ibarra is the Executive Director of Fundación Multitudes, a civil society organization based in Chile. She leads The Women's Observatory Against Disinformation and Fake News, a project supporting women and members of underrepresented communities who decide to take leadership roles.

Hannah Ajakaiye is an award-winning journalist from Nigeria. She's currently a King Fellow with the International Center for Journalists, where she trains fact checkers across Africa and works with social media influencers to dispel myths and debunk fake news stories.

Produced by Alice Gioia

(Image: (L) Hannah Ajakaiye, credit Monsuru Tihamiyu. (R) Paulina Ibarra, credit Rosario Oddo.)

SAT 09:00 BBC News (w172ykr8735d6lf)

The latest five minute news bulletin from BBC World Service.

SAT 09:06 BBC OS Conversations (w3ct4180)

Money in Lebanon

All banks in Lebanon have been shut indefinitely. They say it is for safety reasons following a string of raids by customers demanding access to their own money. In one incident, a woman armed with a toy gun staged a bank hold-up to pay family medical bills.

Although the authorities have condemned the raids, they have drawn widespread public support. Since the 2019 collapse of Lebanon's financial system, 80% of the population is struggling for money. There are water shortages and frequent power cuts. We speak to Ghida who backs the bank raids because, she says, people are desperate.

Another impact is the lack of medicines. We hear from Elize, a cancer patient. She shares her experiences of trying to get the drugs she needs to stay alive. Her doctor, Professor Fadi Nasr, reminds us how hospitals in Lebanon used to be the best in the Middle East but they have now run out of basic supplies. He tells us people are dying at home with no treatment.

Two years after the massive explosion that ripped through the capital, Beirut, we also hear from women who tell us about the daily anxieties of living in the city and how they try to find escape.

(Photo: Lebanese depositors continue to heist banks to take their own money, Beirut, Lebanon, 16 Sep 2022. Credit: Wael Hamzeh/EPA-EFE/Rex/Shutterstock)

SAT 09:30 BBC News Summary (w172ykr2nts2kvt)

The latest two minute news summary from BBC World Service.

SAT 09:32 Pick of the World (w3ct41x9)

The row over Uganda's Nyege Nyege festival

The pick of the BBC World Service chosen by digital audiences: why a Ugandan music festival got you talking, the latest from the Ukraine war as mass graves are discovered in recaptured areas - and a row over an ancient tooth.

SAT 09:50 Over to You (w3ct35sr)

More listener reactions to the death of the Queen

In the second of two special editions, listeners give us their feedback on the BBC World Service's coverage of the death of Her Majesty Queen Elizabeth II. Did they feel the balance and tone was about right during the period of mourning - or was reporting too dominant with other global stories side-lined? We put your points to the controller of BBC World Service English, Jon Zilkha.

Presenter: Rajan Datar

Producer: Howard Shannon

A Whistledown production for the BBC World Service

SAT 10:00 BBC News (w172ykr8735dbbk)

The latest five minute news bulletin from BBC World Service.

SAT 10:06 Sportshour (w172yg8q0jbz2f)

Roger and out

We hear from Roger Federer on what he plans to do after his retirement from tennis

Photo: Roger Federer celebrates victory with the trophy after the men's singles final match against Andy Roddick July 5, 2009 (CREDIT: Paul Gilham/Getty Images)

SAT 11:00 BBC News (w172ykr8735dg2p)

The latest five minute news bulletin from BBC World Service.

SAT 11:06 The Newsroom (w172yl7wmhjcsq2)

The world's Newsroom brings you global events as they happen

SAT 11:30 BBC News Summary (w172ykr2nts2tc2)

The latest two minute news summary from BBC World Service.

SAT 11:32 Unspun World with John Simpson (w3ct42m7)

What happened to Russian intelligence on the battlefield?

This week John Simpson, in discussion with the BBC's experts analyses how Russia's war is turning in Ukraine's favour with security correspondent, Gordon Corera; looks at the way in which the world paid its respect to the Queen with diplomatic correspondent, James Landale; explores the future of the commonwealth with chief international correspondent, Lyse Doucet; examines the way Iran's women are responding to the increasingly brutal crackdown on the way they dress with BBC Persian correspondent, Rana Rahimpour, and Italy correspondent, Mark Lowen, explains the lure of the right in the nation's upcoming elections.

Unspun World provides an unvarnished version of the week's major global news stories with the BBC's world affairs editor John Simpson and the BBC's unparalleled range of experts.

(Photo: President Putin. Credit: Reuters)

SAT 12:00 BBC News (w172ykr8735dktt)

The latest five minute news bulletin from BBC World Service.

SAT 12:06 The Documentary (w3ct43ql)

The future of hip-hop: Atlanta

Homophobia and misogyny are ingrained in hip-hop. But a new generation of women and queer artists are determined to challenge the status quo. Cakes Da Killa is an openly gay rapper who has been recording for more than a decade. In this two-part series he talks to female stars like number one artist Latto, and queer rappers like Rippaarchie to find out how far they have come, the issues they still face and where they are going next.

In this episode, Cakes Da Killa is in Atlanta – the epicentre of hip-hop and home of trap music. The success of southern queer artists like Lil Nas X and Saucy Santana has brought more diversity into the genre, but boundaries and prejudice are still strong.

Despite differences in their backgrounds, lives and music, the performers Cakes speaks to are driven by a common goal – to be creative on their own terms without bowing down to pressure from labels and the industry to conform. Will they succeed to build a more inclusive hip-hop for the future? And if so at what cost?

Featuring artists Latto, Omeretta, Rippaarchie and Jamee Cornelia.

Produced by Miriam Williamson for the BBC World Service.

(Photo: Hip-hop artist Latto Credit: John Cannon)

Tracks include:

Lite Werk: Cakes Da Killa x Proper Villians
Really Like That: Jamee Cornelia
Work It: Missy Elliott
Autumn View: Jamee Cornelia
A Lot: Rippaarchie
U Aint Come Bae: Rippaarchie
Booty: Saucy Santana & Latto
Sorry Not Sorry: Omeretta The Great

Big Energy: Latto

Soufside: Latto

Sunshine: Latto feat Lil Wayne & Childish Gambino

Waterfalls: TLC

Sip of My Sip: Cakes Da Killa & Sevddeep

SAT 13:00 BBC News (w172ykr8735dpky)

The latest five minute news bulletin from BBC World Service.

SAT 13:06 Newshour (w172yfc5b8yh7j7)

Russians flee military duty

Increased numbers of Russians are continuing to leave the country since President Putin announced the partial mobilisation. The queue on the border between Georgia and Russia has grown ten kilometres long as men attempt to avoid the draft.

Also in the programme: another tragedy in the Mediterranean as more than 80 migrants drown off the coast of Syria; and the remarkable story of two women who survived a similar perilous journey.

(Picture: Finnish border guard next to cars queuing to enter Finland from Russia. Credit: Reuters)

SAT 14:00 BBC News (w172ykr8735dtb2)

The latest five minute news bulletin from BBC World Service.

SAT 14:06 Sportsworld (w172ykgjxftcfhby)

Live sport from around the world with news, interviews and analysis.

SAT 18:00 BBC News (w172ykr8735f99l)

The latest five minute news bulletin from BBC World Service.

SAT 18:06 The Newsroom (w172yl7wmhjdmtx)

The world's Newsroom brings you global events as they happen

SAT 18:30 BBC News Summary (w172ykr2nts3nzk)

The latest two minute news summary from BBC World Service.

SAT 18:32 World of Wisdom (w3ct2zww)

[Repeat of broadcast at 05:32 today]

SAT 18:50 Sporting Witness (w3ct36g2)

Derartu Tulu: Africa's first black female Olympic champion

At the Barcelona Olympics in 1992, Derartu Tulu, from Ethiopia, became the first black African woman to win a gold medal.

She speaks to Rachel Naylor about winning the 10,000 metres and beating South Africa's Elana Meyer.

(Photo: Ethiopia's Derartu Tulu (L) and Elana Meyer of South Africa join hands in a victory lap after the women's 10,000m final at Barcelona Olympics in 1992. Credit: Getty Images)

SAT 19:00 BBC News (w172ykr8735ff1q)

The latest five minute news bulletin from BBC World Service.

SAT 19:06 BBC OS Conversations (w3ct4180)

[Repeat of broadcast at 09:06 today]

SAT 19:30 BBC News Summary (w172ykr2nts3sb3)

The latest two minute news summary from BBC World Service.

SAT 19:32 WorklifeIndia (w3ct3jcy)

Making India's roads safer

India's roads are regarded as being among the most dangerous in the world. In 2021, road accidents claimed more than 150,000 lives - an average of 18 per hour, according to government data.

There is rarely any conversation around road safety in the country - but the recent death of Indian billionaire Cyrus Mistry in a car crash has changed that. Many are now calling for a mindset shift among Indians, who are used to traveling in overcrowded vehicles without proper safety measures, so that more people can travel at the same time.

Traffic rules don't count for much here, but many also say that faulty road engineering plays a key role in many road accidents. What can be done to improve the design of Indian roads? How

can vehicles introduce better safety measures and how can road users be made to follow traffic rules? Should the government bring in stricter enforcement of law?

In this edition of WorklifeIndia, we discuss how to make India's roads safer.

Presenter: Devina Gupta

Contributors: Piyush Tewari, founder and CEO, SaveLIFE Foundation; Prof Sewa Ram, head of transport planning, School of Planning & Architecture; Anand Sharma, co-founder and director, Studio34

SAT 20:00 BBC News (w172ykq8735fjsv)

The latest five minute news bulletin from BBC World Service.

SAT 20:06 The Arts Hour (w3ct390p)

Oscar winner Helen Hunt's love of theatre

Nikki hears from Oscar winning actor Helen Hunt about the joys of performing on stage and about working with Hollywood star Jack Nicholson.

Award winning Sri Lankan author Shehan Karunatilaka talks about researching ghost stories for his novel set in the after life.

American singer songwriter Sheela pays tribute to Aretha Franklin and explains how to sing in her style.

Australian director Andrew Dominik discusses his personal obsession with Marilyn Monroe and his new film, Blonde.

The Polish writer and director Aga Woszczyńska tells Nikki about her debut feature film, Silent Land which tells the story of how a tragic accident on an idyllic holiday eats away at a couple's relationship.

We hear from Irish filmmaker Colm Bairéad on making his film, The Quiet Girl, in the Gaelic language.

There's music from South African cellist Abel Selaocoe.

Plus Nikki is joined by cultural critic Anil Sinanan.

(Photo: Helen Hunt. Credit: Amy Sussman/Getty Images)

SAT 21:00 BBC News (w172ykq8735fnjz)

The latest five minute news bulletin from BBC World Service.

SAT 21:06 Newshour (w172yfc5b8yj6h8)

Iranians die in mass protests

President Ebrahim Raisi has pledged to "deal decisively" with anti-government protests which have now spread to most of Iran's 31 provinces. Officials say at least 35 people have been killed since protests broke out over the death of a woman in police custody. Mahsa Amini died after being detained for allegedly breaking headscarf rules.

Also in the programme: Thousands more people have been trying to flee Russia to avoid being called up to fight in Ukraine. We speak to one Russian queuing at the border; and the voice of Darth Vader in the sci-fi saga Star Wars is going to voiced by AI technology.

(Picture: There were protests in Stockholm in support of Mahsa Amini who died after being detained for allegedly breaking headscarf rules in Iran. Credit: Fredrik Persson/Reuters)

SAT 22:00 BBC News (w172ykq8735fs93)

The latest five minute news bulletin from BBC World Service.

SAT 22:06 Music Life (w3ct30kf)

Marinating in the vibe of a track, with You Me at Six, PVRIS, A Day to Remember and Cody Frost

You Me at Six's Josh Franceschi, Lynn Gunn of PVRIS, Cody Frost and A Day to Remember's Jeremy McKinnon discuss getting protective over their own original ideas, writing with people from different styles and genres, releasing music at 4am in the morning, and the importance of liking your own music.

Josh Franceschi founded You Me at Six in 2006 with a group of school friends, and since then they've released seven studio albums of pop-punk and rock. Their most recent album SUCKAPUNCH reached number 1 in the UK album charts back in 2021 and sees them introducing dance, R&B and hip-hop elements into their sound.

Lynn Gunn is the vocalist and multi-instrumentalist from the band Pvr. After releasing their hugely successful debut album White Noise in 2014, her band have continued to prove they're one of the most innovative groups in rock right now, blending

explosive, rhythm-driven rock music with atmospheric electro-pop.

Jeremy McKinnon is the singer, producer and frontman of A Day to Remember. He's been releasing his incredible fusion of metalcore and pop-punk music since 2004 and has also lent his production skills to some of the best bands in the scene, including The Devil Wears Prada and Neck Deep.

Cody Frost is a young singer-songwriter and tattoo artist who makes maximalist electro-pop-punk music. She started out uploading covers to YouTube after teaching herself piano and guitar, and her debut mixtape TEETH was released in 2022. She's also recently been collaborating with You Me at Six.

SAT 23:00 BBC News (w172ykq8735fx17)

The latest five minute news bulletin from BBC World Service.

SAT 23:06 The Newsroom (w172yrx0s0w4x2t)

The world's Newsroom brings you global events as they happen

SAT 23:20 Sports News (w172ygh8kc5302j)

BBC Sport brings you all the latest stories and results from around the world.

SAT 23:30 BBC News Summary (w172ykr2nts489m)

The latest two minute news summary from BBC World Service.

SAT 23:32 The Cultural Frontline (w3ct37rz)

Colombia: Culture out of conflict

Since the 1960s, Colombia has seen decades of warfare between leftist guerrillas, right wing paramilitaries and the army, claiming an estimated two hundred and twenty thousand lives.

Since a polarizing peace agreement in 2016, protests and violence have increased. After a closely fought presidential election in June the country elected its first leftist leader, Gustavo Petro.

Always an important element of Colombian culture, music has brought citizens together in protest recently. Three-time Grammy nominated Bomba Estéreo, whose music fuses a unique blend of cumbia and champeta rhythms, use their platform to tackle political and environmental issues affecting the country. Beatriz de la Pava talks to founder band member Simón Mejía.

Encanto, the Disney animated film about a Colombian family with magical powers has been a global hit. Constanza Hola speaks to María Cecilia Botero, the popular actor who plays grandmother Abuela Alma, about how the movie has shown the world a different side to Colombian culture.

The conflict and its impact on Colombian society has featured heavily in the work of many of the country's leading writers. Novelists Juan Gabriel Vasquez and Cristina Bendek discuss how Colombia's history has shaped their work and the role of writers in today's society.

Producers: Andrea Kidd and Kevin Satizabal Carrascal

(Photo: Protesters in Colombia. Credit: Juan Barreto/AFP via Getty Images)

SUNDAY 25 SEPTEMBER 2022

SUN 00:00 BBC News (w172ykq8735g0sc)

The latest five minute news bulletin from BBC World Service.

SUN 00:06 BBC OS Conversations (w3ct4180)

[Repeat of broadcast at 09:06 on Saturday]

SUN 00:30 BBC News Summary (w172ykr2nts4d1r)

The latest two minute news summary from BBC World Service.

SUN 00:32 World of Wisdom (w3ct2zww)

[Repeat of broadcast at 05:32 on Saturday]

SUN 00:50 More or Less (w3ct3k56)

[Repeat of broadcast at 05:50 on Saturday]

SUN 01:00 BBC News (w172ykq8735g4jh)

The latest five minute news bulletin from BBC World Service.

SUN 01:06 The Science Hour (w3ct39zq)

Should we mine the deep sea?

The first license of its kind has been granted for deep-sea mining. It will be used to run early tests to see whether the seabed could be good place to harvest rare earth materials in the future. These earth minerals are what powers much of our modern technology, and the demand is growing year on year.

The license raises ethical questions about whether anyone has ownership over the seabed, and whether we could be disrupting ecosystems under the sea in doing so. We have two experts joining us to discuss the scientific implications. They are marine biologist, Dr Helen Scales and Bramley Murton from the National Oceanographic Centre, Southampton University.

Also on the programme, we build on last week's discussion about growing opportunities for researchers on the African continent. We look at how programmes of genomic sequencing are offering opportunities for Africa-based researchers, that haven't been available before.

We talk to Thilo Kreuger, a PhD student at Curtin University, Western Australia, who's behind the discovery of a whole new species of carnivorous plants. We discuss what it's like fulfilling a lifelong dream to discover more about these spectacular plant species.

Crowdsience listener Alix has a burning question - what's actually happening inside the flames of a campfire to make it glow? And why do some materials burn easily, while others refuse to light at all?

Why don't some things burn? Alex Lathbridge travels to the Fire Research Centre at the University of Edinburgh to (safely) set various things ablaze. He learns about the fundamentals of fire and why things react differently to heat. He then heads to archives of the Royal Institution of London, to see an invention from the 19th century that can stop a fireball in its tracks: the miner's safety lamp, which saved countless lives. And he speaks to a chemist about the science of flame retardants, and how even though they can make products less flammable, they may also have unintended consequences.

(Image: The Metals Company plans to mine the seafloor for these nodules containing nickel, cobalt, and manganese in the Clarion Clipperton Zone of the Pacific Ocean. (Carolyn Cole / Los Angeles Times via Getty Images)

SUN 02:00 BBC News (w172ykq8735g88m)

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SUN 02:30 BBC News Summary (w172ykr2nts4mk0)

The latest two minute news summary from BBC World Service.

SUN 02:32 Health Check (w3ct32wy)

Egypt's hepatitis C success story

Egypt has almost eliminated the 'silent killer' hepatitis C – less than a decade after having the highest number of cases of the virus in the world. A new report from the World Economic Forum details how they managed to screen almost the whole adult population and treated those infected with the virus which can cause liver damage and even cancer. Professor Imam Waked from the National Liver Institute explains how other countries like Rwanda and Georgia are now following suit – but not quite at the rapid pace which Egypt managed.

There is currently a rise in cases of cholera in Syria, and outbreaks of malaria and dengue fever in Pakistan, but for opposite reasons. The first is caused by a drought, and the latter by a flood.

And what psychology can tell us about the behaviour of crowds when there's a false alarm but people feel genuine fear.

And James Gallagher reveals what nightmares and learning a musical instrument tell us about our brains.

Presenter: Claudia Hammond

Producer: Paula McGrath

(Picture: Labourers line up for Hepatitis C screening at a construction site in Egypt in 2017. Photo credit: Khaled Desouki/AFP/Getty Images.)

SUN 03:00 BBC News (w172ykq8735gd0r)

The latest five minute news bulletin from BBC World Service.

SUN 03:06 The Documentary (w3ct43ql)

[Repeat of broadcast at 12:06 on Saturday]

SUN 04:00 BBC News (w172ykq8735ghrw)

The latest five minute news bulletin from BBC World Service.

SUN 04:06 From Our Own Correspondent (w3ct329w)

Brazilian voters face a stark choice

Pascale Harter introduces reportage and analysis from Brazil, Israel, Pakistan and Spain.

The presidential election pitting Jair Bolsonaro against Luis Ignacio 'Lula' da Silva is casting a harsh light on the social and ideological divides between Brazilians. Families and friends in opposing camps have fallen out – and the rancour, as well as the rhetoric, of their political arguments is rising ahead of the polls on October 2. The BBC's South America correspondent Katy Watson has seen how heated things are getting.

Israel's Haredi community is influential and growing - today more than one in ten Israelis is ultra-Orthodox. Yolande Knell reports on the shock which hit this conservative community, after a string of sexual abuse allegations emerged, involving leading lights of the ultra-Orthodox world – and how some of those who were abused are finding the courage to speak out.

Pakistan is still struggling to cope with the aftermath of its recent devastating floods. Millions of people have been displaced and sheltering in camps or other emergency accommodation. Now water-borne diseases, including dengue fever and malaria carried by mosquitoes, are starting to spread. Rajini Vaidyanathan witnessed the ongoing crisis in a hospital ward in Sindh.

Who was the first person ever to sail around the world? Many of us are taught it was the Portuguese sea captain Fernando Magellan. But Spain has its own claim to the title: Juan Sebastian Elcano, who took over Magellan's fleet and sailed it back to Europe, arriving back in Spain 500 years ago. Julius Purcell enjoyed the festivities as Elcano's hometown, the Atlantic port of Getaria, feted its famous son this year. And he also got to hear about a wider controversy over Spain's colonial and imperial legacy.

Producer: Polly Hope
Production coordinator: Iona Hammond
Editor: Richard Fenton-Smith

SUN 04:30 BBC News Summary (w172ykr2nts4w18)

The latest two minute news summary from BBC World Service.

SUN 04:32 The Cultural Frontline (w3ct37rz)

[Repeat of broadcast at 23:32 on Saturday]

SUN 05:00 BBC News (w172ykq8735gmj0)

The latest five minute news bulletin from BBC World Service.

SUN 05:06 The Newsroom (w172y17wmhjzfz4d)

The world's Newsroom brings you global events as they happen

SUN 05:30 BBC News Summary (w172ykr2nts4zsd)

The latest two minute news summary from BBC World Service.

SUN 05:32 The Documentary (w3ct4dt0)

Finding home in Uganda

In August 1972, Idi Amin publicly condemned Ugandan Asians as 'the enemy', enforcing a brutal policy that ordered them to leave the country within 90 days. It is estimated between 60-70,000 South Asians left Uganda in fear for their lives. On the 50th anniversary of the expulsion, BBC reporter Reha Kansara follows her mum and aunt as they return to Uganda together for the first time. Setting off from their homes in the English suburbs, they journey to the sugar plantations of Kakira, to the source of the Nile in Jinja, where, shortly before the atrocities began, Reha's mum recalls shaking Idi Amin's "large hand". On a quest to find her family's origins, Reha dives into archives, visits museums and talks to historians about the migration route from India to East Africa and the impact the British Empire had on bringing South Asians to the subcontinent.

Presenter: Reha Kansara
Producers: Reena Stanton-Sharma and Alvaro Alvarez

SUN 06:00 BBC News (w172ykq8735gr84)

The latest five minute news bulletin from BBC World Service.

SUN 06:06 Weekend (w172ykw1z3d22mc)

Kherson residents fear Russian annexation

Demonstrations in Iran continue as people vent their outrage

over the death of a young women in police custody. Also: why Cubans might reject a progressive family law?

Joining Julian Worricker to discuss these and other topical issues of the day are Felia Allum, professor of comparative organised crime and corruption at Bath University (expert on organised crime and Italian mafia) and Shashank Joshi, the defence editor of The Economist.

(Picture: People take part in Russian self-style referendum, at an outdoor polling station in Luhansk, eastern Ukraine, 24 September 2022. Credit:STRINGER/EPA-EFE/REX/Shutterstock)

SUN 07:00 BBC News (w172ykq8735gw08)

The latest five minute news bulletin from BBC World Service.

SUN 07:06 Weekend (w172ykw1z3d26ch)

Italy votes as far-right Meloni looks for victory

Italians are deciding whether to choose their most right-wing government since World War Two.

Also: Thousands of Russians try to leave the country following President Putin's mobilisation order. We'll speak to former Putin advisor, Sergej Markov and former Russian PM Mikhail Kasyanov.

Joining Julian Worricker to discuss these and other topical issues of the day are Felia Allum, professor of comparative organised crime and corruption at Bath University (expert on organised crime and Italian mafia) and Shashank Joshi, defence editor of The Economist newspaper.

(Photo: A person holds out ballots at a polling station during the snap election, in Rome, Italy. Credit: Reuters)

SUN 08:00 BBC News (w172ykq8735gzrd)

The latest five minute news bulletin from BBC World Service.

SUN 08:06 Weekend (w172ykw1z3d2b3m)

Italy goes to the polls in closely watched election

Italians are voting in an election where the far-right Brothers of Italy leader Giorgia Meloni is the front-runner. Also we hear from a Kherson resident who rejects the Russian self-styled referendum. Also: one of pop's most enduring songs, Hallelujah, has a new documentary exploring its history.

(Photo: Giorgia Meloni, leader of the far-right Brothers of Italy party, speaks during a rally in Duomo square in Milan. Credit: Reuters)

SUN 08:30 BBC News Summary (w172ykr2nts5c0s)

The latest two minute news summary from BBC World Service.

SUN 08:32 The Food Chain (w3ct38nd)

Food for mood

Mental health is a hugely complex issue with many causes. There's no simple answer, then, when it comes to therapies for conditions like anxiety and depression. But a growing body of research is now supporting a connection between nutrition and mental health - that what you eat can have a role to play in reducing symptoms of depression and anxiety.

It's an emerging field, but dietary recommendations for patients are already being made in clinical settings. Jordan Dunbar explores the scientific evidence for this, and what a 'happier diet' might look like.

He speaks to Professor Felice Jacka, Director of the Food and Mood Centre at Deakin University in Australia; PM psychiatrist Dr Emily Deans; UK-based chef, Daniel Edwards, and nutritionist Dr Nada Benajiba, who's based in Saudi Arabia.

If you've been affected by the content of this programme, information and support is available via the BBC Action Line. Go to <https://www.bbc.co.uk/actionline>

If you would like to get in touch with the show, please email: thefoodchain@bbc.co.uk

(Picture: Woman holding a pot of mixed berries. Credit: Getty/BBC)

Producer: Elisabeth Mahy

SUN 09:00 BBC News (w172ykq8735h3hj)

The latest five minute news bulletin from BBC World Service.

SUN 09:06 From Our Own Correspondent (w3ct329w)

[Repeat of broadcast at 04:06 today]

SUN 09:30 BBC News Summary (w172ykr2nts5grx)

The latest two minute news summary from BBC World Service.

SUN 09:32 Outlook (w3ct41f0)

The Oscar joke that turned into a real life drama

Australian production designer Colin Gibson remembers how a playful gift – a toast to his Oscar nomination for Mad Max: Fury Road – inadvertently led to a false bomb scare and a mass evacuation. (This episode was first broadcast in June 2022)

Presenter: Clayton Conn
Producer: Maryam Maruf

(Photo: Colin Gibson. Credit: Robyn Beck/AFP via Getty Images)

Get in touch: outlook@bbc.com

SUN 10:00 BBC News (w172ykq8735h77n)

The latest five minute news bulletin from BBC World Service.

SUN 10:06 People Fixing The World (w3ct3j2x)

The food waste warriors

At least a third of food grown around the world fails to be eaten, with the resulting food waste causing 10 per cent of global carbon emissions.

However, there are pioneers trying to tackle different issues along the chain.

We visit a project linking farmers direct to customers in Puerto Rico, check out smart labels that extend the shelf life of food by revealing when food actually goes off, and revisit an app where millions of people share spare food for free.

Presenter: Myra Anubi
Reporter/Producer: Jo Mathys
Reporter/Producer: Claire Bates
Producer in Puerto Rico: Adriana De Jesus
Producer: Richard Kenny
Series producer: Tom Colls
Sound mix: Hal Haines
Editor: Penny Murphy

Image: Crystal Díaz

SUN 10:30 BBC News Summary (w172ykr2nts5lj1)

The latest two minute news summary from BBC World Service.

SUN 10:32 Heart and Soul (w3ct423t)

Spiritualism and the soul

Twenty-one-year-old journalism graduate, Saskia Masaun has been attending meditation, mediumship and healing classes at the Spiritualists National Union (SNU) Church in Wolverhampton, UK, since she was 16, alongside her spiritualist mother.

Saskia explains how her faith, which includes connecting with the spirit world through mediums and a seven principle philosophy described as a 'guideline for life', is helping her navigate her journey as she sets out on her career. She speaks to Spiritualist leaders and attends the medium's training college, where recruits are taught the art of communicating with the dead.

She talks to Karin Huber, a full time medium in Germany, and Asha, a healer who was brought up as a Hindu in the British multicultural city where they live. From its beginnings, founded in the 1840s in the US, spiritualism has established itself in the UK through its teachings on mediumship, healing and a philosophy which centres the soul through developing self-awareness.

Presenter: Saskia Masaun
Producer: Dylan Hayward and Nina Robinson

SUN 11:00 BBC News (w172ykq8735hbzs)

The latest five minute news bulletin from BBC World Service.

SUN 11:06 The Newsroom (w172y17wmhjgpm5)

The world's Newsroom brings you global events as they happen

SUN 11:30 BBC News Summary (w172ykr2nts5q8s)

The latest two minute news summary from BBC World Service.

SUN 11:32 The Compass (w3ct43cp)

The Understory: Life in the Soil

Life in soil: The death of soil

Isabelle Legeron travels to Giessen in Germany, to the original laboratory of Justus Von Liebig the brilliant 19th century chemist whose work made way for the 20th century Haber and Bosch process. Liebig joined the spirit of the Industrial Revolution, where technical solutions were set to end starvation; he set out to make the soil more productive, echoed through the 20th century with the Green Revolution. But at what cost to the soil?

With Environmentalist, Tony Juniper and Soil Scientists: Margaret Glendining, Aislinn Pearson, Hans-Peter Schmidt, Wogmar Wolters, Gerd Hamscher, Jan Siemens, Christophe Muller and Richard Bardgett.

Presenter: Isabelle Legeron
Producer: Kate Bland and Anja Krieger
A Cast Iron Production for BBC World Service

(Photo: Dried, cracked soil in a maize field near Hajduszovat, Hungary. Credit: Zsolt Czeglédi/EPA)

SUN 12:00 BBC News (w172ykq8735hgqx)

The latest five minute news bulletin from BBC World Service.

SUN 12:06 The Inquiry (w3ct39tj)

How close did Iraq come to civil war?

August 2022. Political tensions in Iraq boil over, and peaceful demonstrations outside the country's parliament turn violent. The sounds of gun and rocket fire return to Baghdad, and 30 people are killed.

The violence ends when populist leader Muqtada al-Sadr tells his followers to lay down their arms and go home. His Sadrist party won the most seats in the previous election, but his inability to form a majority government has led to the political deadlock.

Politics in a country as diverse as Iraq is complicated, with Shia, Sunni and Kurdish groups, and well-armed militias. Add oil revenues and political interference by Iraq's neighbour Iran into the mix, and you have a potentially volatile situation.

So this week on the Inquiry we're asking, How close did Iraq come to civil war?

Presenter: Tanya Beckett
Producers: Ravi Naik and Christopher Blake
Editor: Tara McDermott
Technical Producers: Richard Hannaford and Mitch Goodall
Broadcast Coordinator: Jacqui Johnson

(Image: Supporters storm Republican Palace after Iraqi Shiite cleric Muqtada al-Sadr announced retirement from politics, Baghdad, Iraq - 29 Aug 2022:
by MURTAJA LATEEF/EPA-EFE/REX/Shutterstock)

SUN 12:30 BBC News Summary (w172ykr2nts5v09)

The latest two minute news summary from BBC World Service.

SUN 12:32 Assignment (w3ct3044)

A 'Me Too' moment for Israel's ultra-Orthodox Jews?

Israel's ultra-Orthodox Jewish community is struggling to come to terms with high-profile sex abuse scandals. In the past year, two of its leading lights were accused of taking advantage of their status to sexually assault vulnerable women, men, and children. What has added to the shock is how, after one of the alleged attackers committed suicide, religious leaders in this insular, devout community defended him and even blamed his victims for causing his death by speaking out.

The response sparked anger and triggered an unprecedented wave of activism to raise awareness of hidden sex abuse within the ultra-Orthodox world. Some are describing it as a "me-too" moment. The BBC's Middle East correspondent, Yolande Knell hears from survivors of sexual assault and the campaigners within the ultra-Orthodox community working towards lasting change.

Presenter: Yolande Knell
Producers: Gabrielle Weiniger and Phoebe Keane
Editor: Penny Murphy

Photo: A child sex abuse survivor prays at the grave of his alleged abuser)

SUN 13:00 BBC News (w172ykq8735h1h1)

The latest five minute news bulletin from BBC World Service.

SUN 13:06 Newshour (w172yfc5b8y14fb)

Hundreds arrested as Russian draft protests continue

Widespread demonstrations have broken out since President Vladimir Putin announced plans to draft 300,000 men to fight in Ukraine. Meanwhile we hear from a soldier who has deserted from the Russian army.

Also on the programme; we examine the protests currently taking place in Iran. And voters in Italy are casting their ballots in national elections which could produce the country's first ever female Prime Minister.

(Picture: A protester is arrested by Russian authorities. Credit: Getty Images)

SUN 14:00 BBC News (w172ykq8735hq75)

The latest five minute news bulletin from BBC World Service.

SUN 14:06 The Forum (w3ct38sx)

A forgotten founder of climate science: Eunice Newton Foote

Eunice Newton Foote was the first person to suggest that an atmosphere rich in carbon dioxide would lead to a warmer planet, but her discovery was largely ignored and her name disappeared for more than 150 years. She fell into such obscurity that there's no known picture of her.

Bridget Kendall explores the life of this American scientist and inventor and asks why her ground-breaking research, carried out in the 1850s, was overlooked for so long. Discrimination against women, especially in the sciences, was a major reason, but might a transatlantic power struggle and even a case of intellectual theft have played their parts?

Eunice was also one of the founding members of the women's rights movement in the United States – we discuss how she helped launch a campaign that would eventually win women the right to vote.

Plus, the story of how her work was recently re-discovered, and the quest to ensure her name gains greater recognition.

For more on Eunice and other key figures in the history of climate change visit <https://bbc.in/3QXkiri>

Producer: Simon Tulett

Contributors:

John Perlín, a research scholar in the department of physics at the University of California, Santa Barbara, USA, who is working on what's thought to be the first biography of Eunice Newton Foote;

Sally Gregory Kohlstedt, a recently retired professor of history from the University of Minnesota, USA, and expert on women and gender in the history of science;

Roland Jackson, a historian of nineteenth century science, honorary research Fellow in the Department of Science and Technology Studies at University College London, and author of 'The Ascent of John Tyndall';

Ray Sorenson, retired petroleum geologist, Oklahoma, USA;

Judith Wellman, professor emerita at the State University of New York at Oswego, USA.

(Picture: Smoke billowing from chimneys at the coal-fired Belchatów Power Station, Poland, in 2009. Credit: Peter Andrews/Reuters).

SUN 14:50 Over to You (w3ct35sr)

[Repeat of broadcast at 09:50 on Saturday]

SUN 15:00 BBC News (w172ykq8735htz9)

The latest five minute news bulletin from BBC World Service.

SUN 15:06 Music Life (w3ct30kf)

[Repeat of broadcast at 22:06 on Saturday]

SUN 16:00 BBC News (w172ykq8735hyqf)

The latest five minute news bulletin from BBC World Service.

SUN 16:06 Sportsworld (w172ygyxftcjm6)

Live sport from around the world with news, interviews and analysis.

SUN 19:00 BBC News (w172ykq8735j9yt)

The latest five minute news bulletin from BBC World Service.

SUN 19:06 The Newsroom (w172y17wmhjnl6)

The world's Newsroom brings you global events as they happen

SUN 19:30 BBC News Summary (w172ykr2nts6p76)

The latest two minute news summary from BBC World Service.

SUN 19:32 Unspun World with John Simpson (w3ct42m7)

[Repeat of broadcast at 11:32 on Saturday]

SUN 20:00 BBC News (w172ykq8735jfpj)

The latest five minute news bulletin from BBC World Service.

SUN 20:06 The History Hour (w3ct39lr)

Queen Elizabeth II and broadcasting

We look at some of the broadcasts delivered by Queen Elizabeth II including her first radio address to the children of the Commonwealth on 13 October 1940. Former BBC royal correspondent Jennie Bond looks back on the Queen's significant moments in front of a microphone.

Pope Paul VI's first visit to Africa when he travelled to Uganda in 1969, and was hosted by an Ismaili Muslim family and the start of the Iran-Iraq war in September 1980.

(Photo: Princess Elizabeth makes a broadcast from the gardens of Government House in Cape Town, South Africa, on her 21st birthday. Credit: BBC)

SUN 21:00 BBC News (w172ykq8735jkg2)

The latest five minute news bulletin from BBC World Service.

SUN 21:06 Newshour (w172yfc5b8ym3dc)

Russian deserter condemns Ukraine invasion

There's been an exodus of young men from Russia after President Putin announced a new "partial mobilisation". We hear from one Russian serviceman who decided to leave the army, and discuss the state of Russia's war effort with military analyst Justin Crump.

Also in the programme: Cubans vote on same sex marriage and adoption rights; the super typhoon bearing down on the Philippines; and a new record for men's marathon running is set by the Kenyan athlete Eluid Kipchoge.

(Photo: Travellers from Russia queue to cross the border to Finland. Credit: Reuters)

SUN 22:00 BBC News (w172ykq8735jpb6)

The latest five minute news bulletin from BBC World Service.

SUN 22:06 Tech Tent (w3ct375n)

The protests sending Iran offline

This week: Iran suffers internet blackouts and mobile phone outages as protesters mount angry protests against the country's morality police. Will it help stifle dissent? Wikipedia on their competition to find the sound of all human knowledge. And how one man is still going strong in the floppy disk business.

SUN 22:30 BBC News Summary (w172ykr2nts71gl)

The latest two minute news summary from BBC World Service.

SUN 22:32 Pick of the World (w3ct41x9)

[Repeat of broadcast at 09:32 on Saturday]

SUN 22:50 Over to You (w3ct35sr)

[Repeat of broadcast at 09:50 on Saturday]

SUN 23:00 BBC News (w172ykq8735jsyb)

The latest five minute news bulletin from BBC World Service.

SUN 23:06 The Newsroom (w172yxr0s0w7sxx)

The world's Newsroom brings you global events as they happen

SUN 23:20 Sports News (w172ygh8kc55wzm)

BBC Sport brings you all the latest stories and results from around the world.

SUN 23:30 BBC News Summary (w172ykr2nts756q)

The latest two minute news summary from BBC World Service.

SUN 23:32 Outlook (w3ct41f0)
[Repeat of broadcast at 09:32 today]

MONDAY 26 SEPTEMBER 2022

MON 00:00 BBC News (w172ykq8735jxpg)
The latest five minute news bulletin from BBC World Service.

MON 00:06 From Our Own Correspondent (w3ct329w)
[Repeat of broadcast at 04:06 on Sunday]

MON 00:30 BBC News Summary (w172ykr2nts78yv)
The latest two minute news summary from BBC World Service.

MON 00:32 Heart and Soul (w3ct423t)
[Repeat of broadcast at 10:32 on Sunday]

MON 01:00 BBC News (w172ykq8lcnwpr)
The latest five minute news bulletin from BBC World Service.

MON 01:06 The Newsroom (w172y17wzrtn7b4)
The world's Newsroom brings you global events as they happen

MON 01:30 BBC News Summary (w172ykr3132cz4)
The latest two minute news summary from BBC World Service.

MON 01:32 Discovery (w3ct4kft)
Frances Arnold

Nobel Prize winning chemist Frances Arnold left home at 15 and went to school 'only when she felt like it'. She disagreed with her parents about the Vietnam war and drove big yellow taxis in Pittsburgh to pay the rent. Decades later, after several changes of direction (from aerospace engineer to bio-tech pioneer), she invented a radical new approach to engineering enzymes. Rather than try to design industrial enzymes from scratch (which she considered to be an impossible task), Frances decided to let Nature do the work. 'I breed enzymes like other people breed cats and dogs' she says.

While some colleagues accused her of intellectual laziness, industry jumped on her ideas and used them in the manufacture of everything from laundry detergents to pharmaceuticals. She talks to Jim Al-Khalili about her journey from taxi driver to Nobel Prize, personal tragedy mid-life and why advising the White House is much harder than doing scientific research.

MON 02:00 BBC News (w172ykq8lcnwpr)
The latest five minute news bulletin from BBC World Service.

MON 02:06 The Newsroom (w172y17wzrtnc28)
The world's Newsroom brings you global events as they happen

MON 02:30 BBC News Summary (w172ykr3132ccq8)
The latest two minute news summary from BBC World Service.

MON 02:32 The Climate Question (w3ct3kjh)
How much can flooding in Pakistan be blamed on climate change?

Floods in Pakistan have destroyed or damaged millions of homes, schools and businesses. So far nearly 1500 people have died and 33 million have been affected. With Pakistan contributing less than 1% to global CO2 emissions, a keen sense of injustice is felt in the country, and demands for international support have been made. The Pakistan government has called it a "climate catastrophe" and according to the World Weather Attribution group, it is likely climate change led to intense rainfall. But critics blame mismanagement and say Pakistan should have been more prepared for the inevitable. In this programme, we tell the story of the collapse of one building to see how much of the crisis can be blamed on climate change. Guests: Saher Baloch, Correspondent at BBC World's Urdu service Zarmat Shinwari, owner of New Honeymoon Hotel Humayun Shinwari, owner of New Honeymoon Hotel Sayed Nabi, manager of New Honeymoon Hotel

Email us: the.climatequestion@bbc.com
Presenter: Neal Razzell
Co-presenter: Saher Baloch
Producer: Lily Freeston
Researcher: Natasha Fernandes
Production Coordinator: Siobhan Reed and Helena Warwick-

Cross
Series Producer: Alex Lewis
Editor: Richard Fenton-Smith
Sound Engineer: Tom Brignell

MON 03:00 BBC News (w172ykq8lcnwpr)
The latest five minute news bulletin from BBC World Service.

MON 03:06 Tech Tent (w3ct375n)
[Repeat of broadcast at 22:06 on Sunday]

MON 03:30 BBC News Summary (w172ykr3132chgd)
The latest two minute news summary from BBC World Service.

MON 03:32 Pick of the World (w3ct41x9)
[Repeat of broadcast at 09:32 on Saturday]

MON 03:50 Over to You (w3ct35sr)
[Repeat of broadcast at 09:50 on Saturday]

MON 04:00 BBC News (w172ykq8lcnwpr)
The latest five minute news bulletin from BBC World Service.

MON 04:06 The Newsroom (w172y17wzrtnlkj)
The world's Newsroom brings you global events as they happen

MON 04:30 BBC News Summary (w172ykr3132cm6j)
The latest two minute news summary from BBC World Service.

MON 04:32 The Conversation (w3ct37mf)
Women at the Polar opposite

Climate change is having a devastating impact on the North and the South Pole – melting glaciers and endangering the local wildlife. Hilde Chakanetsa meets two women who are monitoring these changes closely.

Hilde Fåln Strøm is an explorer and citizen scientist based in Longyearbyen, the world's northernmost town in the Norwegian arctic. Hilde and her expedition partner, Sunniva Sorby, run Hearts in the Ice, a project raising awareness about climate change. In 2020 they became the first women-only team to overwinter in the High Arctic, where they gathered data for climate change research.

Dr Irene Schloss is an Argentinian biologist based in Ushuaia, the world's southernmost city. She is a principal investigator with the National Council of the Research of Argentina, for the Instituto Antártico Argentino and the Austral Center of Scientific Research. She holds a PhD in biological oceanography and for the past 25 years has been monitoring the impact of climate change on plankton and other marine life in Antarctica.

Produced by Alice Gioia

(Image: (L) Hilde Fåln Strøm, credit Catherine Lemblé. (R) Irene Schloss, credit Jeremías Di Pietro.)

MON 05:00 BBC News (w172ykq8lcnwpr)
The latest five minute news bulletin from BBC World Service.

MON 05:06 Newsday (w172yf8qccf00bp)
Italy's far right on course to win election

Projected results in the general election show victory for a coalition led by Giorgia Meloni's far-right party, Brothers of Italy.

Hundreds protest against former Japanese prime minister Shinzo Abe's state funeral.

And Typhoon Noru slams into the Philippines.

MON 06:00 BBC News (w172ykq8lcnwpr)
The latest five minute news bulletin from BBC World Service.

MON 06:06 Newsday (w172yf8qccf42t)
Italy Election: Giorgia Meloni claims victory

Projected results in the general election show victory for a coalition led by Giorgia Meloni's far-right party, Brothers of Italy.

Ukrainian towns recently liberated from Russian control talk of schools being forced to adopt a Kremlin-curated curriculum.

And as winter looms, Germans are increasingly turning to wood for heating.

MON 07:00 BBC News (w172ykq8lcnwpr)
The latest five minute news bulletin from BBC World Service.

MON 07:06 Newsday (w172yf8qccf7ty)
Far-right party wins most votes in Italy's election

The leader of the far-right in Italy, Giorgia Meloni, has claimed victory in the general election saying she will work for all Italians.

At least 100 people have been detained at a protest opposing the mobilisation in the southern Russian region of Dagestan, underscoring the anger with President Vladimir Putin's order to send thousands more people to fight in Ukraine.

And protesters and police clash outside the Iranian embassy in London amid outcry over Mahsa Amini's death in police custody in Iran after she was arrested for allegedly wearing her hijab too loosely.

MON 08:00 BBC News (w172ykq8lcnwpr)
The latest five minute news bulletin from BBC World Service.

MON 08:06 HARDtalk (w3ct32ly)
Reverend Richard Coles: Living with grief

For most of us, death and grief remain a private affair. An irreversible, life-altering shock when we lose someone close, for which there is no guide or preparation. Stephen Sackur interviews Reverend Richard Coles, a broadcaster and Church of England vicar, whose frank account of his own grief has struck a chord with many. Why did the death of his husband nearly break him?

MON 08:30 BBC News Summary (w172ykr3132d361)
The latest two minute news summary from BBC World Service.

MON 08:32 Business Daily (w3ct30xr)
The fight for domestic workers' rights

Millions of people, mainly women, sign up for jobs as domestic workers overseas. Yet much of this work is informal, with households enforcing their own terms behind closed doors - leaving the workers vulnerable to exploitation and abuse.

In this episode, Laura Heighton-Ginns meets domestic workers who escaped modern slavery.

Jackie was forced to work extreme hours, sleep on a hard floor, and given only leftovers to eat for two years. Grace felt she had no choice but to take a domestic job overseas, but discovered many women who do this work are victimised.

As well hearing their stories, Laura speaks to the newly appointed Philippines Secretary of State for Migrants and UN International Labor Organisation and asks why domestic workers still lack basic protections.

Presented and produced by Laura Heighton-Ginns.

(Image: Grace Nine. Credit: BBC)

MON 08:50 Witness History (w3ct3bz9)
The power of Jomo Kenyatta

In the 1970s, Sharad Rao was Kenya's assistant director of public prosecutions, working closely with Kenyan leader Jomo Kenyatta who was seen as ruthless and unpredictable.

Rao took the unusual step of defying Kenyatta's orders by refusing to jail students after they rioted about chapatis in 1972.

Rao also tells Alex Collins how he witnessed Kenyatta chasing a British diplomat with a stick.

(Photo: Jomo Kenyatta. Credit: BBC)

MON 09:00 BBC News (w172ykq8lcnwpr)
The latest five minute news bulletin from BBC World Service.

MON 09:06 The Climate Question (w3ct3kjh)
[Repeat of broadcast at 02:32 today]

MON 09:30 BBC News Summary (w172ykr3132d6y5)
The latest two minute news summary from BBC World Service.

MON 09:32 CrowdScience (w3ct3j7f)

Why don't some things burn?

CrowdScience listener Alix has a burning question - what's actually happening inside the flames of a campfire to make it glow? And why do some materials burn easily, while others refuse to light at all?

To find out, Alex Lathbridge travels to the Fire Research Centre at the University of Edinburgh to (safely) set various things ablaze. He learns about the fundamentals of fire and why things react differently to heat. He then heads to archives of the Royal Institution of London, to see an invention from the 19th century that can stop a fireball in its tracks: the miner's safety lamp, which saved countless lives. And he speaks to a chemist about the science of flame retardants, and how even though they can make products less flammable, they may also have unintended consequences.

Presenter: Alex Lathbridge
Producer: Anand Jagatia

Contributors:

Dr Rory Hadden, University of Edinburgh
Charlotte New, Royal Institution
Dan Plane, Royal Institution
Professor Richard Hull, University of Central Lancashire

MON 10:00 BBC News (w172ykq8lccgpdz)

The latest five minute news bulletin from BBC World Service.

MON 10:06 The Cultural Frontline (w3ct37rz)

[Repeat of broadcast at 23:32 on Saturday]

MON 10:30 BBC News Summary (w172ykr3132dhp9)

The latest two minute news summary from BBC World Service.

MON 10:32 World of Wisdom (w3ct2zwg)

[Repeat of broadcast at 05:32 on Saturday]

MON 10:50 More or Less (w3ct3k56)

[Repeat of broadcast at 05:50 on Saturday]

MON 11:00 BBC News (w172ykq8lccgq351)

The latest five minute news bulletin from BBC World Service.

MON 11:06 The Newsroom (w172y17wzrtpf)

The world's Newsroom brings you global events as they happen

MON 11:30 BBC News Summary (w172ykr3132dgff)

The latest two minute news summary from BBC World Service.

MON 11:32 The Conversation (w3ct37mf)

[Repeat of broadcast at 04:32 today]

MON 12:00 BBC News (w172ykq8lccgq6x5)

The latest five minute news bulletin from BBC World Service.

MON 12:06 Outlook (w3ct34nt)

New York to Vietnam: The greatest beer run ever?

In 1967 New Yorker John 'Chickie' Donohue travelled into the belly of the Vietnam War to hand-deliver beers to his friends. A civilian, Chickie relied on his charm and wit to get him to where he needed to go. But what began as a short morale-boosting adventure soon became much more treacherous as Chickie found himself caught up in the deadly Lunar New Year attacks on what was then Saigon. This interview, by Mariana Des Forges, was first broadcast in February 2021. Chickie's epic mission is now the subject of a Hollywood movie starring Zach Efron.

Luis Cassiano describes himself as a cultural and environmental activist. For years he brought music into his favela in Rio. Now he's trying to turn the favela's roofs into pockets of lush greenery in a bid to keep cool during the city's scorching summers.

Get in touch: outlook@bbc.com

Presenter: Andrea Kennedy

(Photo: Chickie Donohue in Vietnam. Credit: Courtesy of Chickie Donahue)

MON 12:50 Witness History (w3ct3bz9)

[Repeat of broadcast at 08:50 today]

MON 13:00 BBC News (w172ykq8lccgqbn9)

The latest five minute news bulletin from BBC World Service.

MON 13:06 The Newsroom (w172y17wzrtpp8p)

The world's Newsroom brings you global events as they happen

MON 13:30 BBC News Summary (w172ykr3132dpxp)

The latest two minute news summary from BBC World Service.

MON 13:32 CrowdScience (w3ct3j7f)

[Repeat of broadcast at 09:32 today]

MON 14:00 BBC News (w172ykq8lccgqdf)

The latest five minute news bulletin from BBC World Service.

MON 14:06 Newshour (w172yfc5pk7t0bq)

Right-wing gains in profound political shift in Italy

There has been a profound political shift in Italy: the Brothers of Italy leader Giorgia Meloni has claimed victory in Sunday's election.

She is on course to become the country's first female prime minister, and head of its most right-wing government since World War Two. We will also get a reaction to the result from Europe's perspective.

Also in the programme: a report from a region Ukraine has taken back from Russia, where school teachers say Russia forcibly eliminated Ukraine's curriculum in favour of a Russian agenda; and we'll hear from a former deputy governor of the UK's central bank as the pound touches a record low against the US dollar.

(Photo shows the leader of Brothers of Italy Giorgia Meloni holding a sign saying "Thank you, Italy". Credit: Guglielmo Mangiapane/Reuters)

MON 15:00 BBC News (w172ykq8lccgq4k)

The latest five minute news bulletin from BBC World Service.

MON 15:06 HARDtalk (w3ct32ly)

[Repeat of broadcast at 08:06 today]

MON 15:30 BBC News Summary (w172ykr3132dydy)

The latest two minute news summary from BBC World Service.

MON 15:32 World Business Report (w172yk4snfmpgl1)

Pound hits all-time low against the US dollar

Sterling falls to historic low as markets react to the UK's biggest tax cuts in 50 years. The level of public borrowing to fund the government's plans concerns investors. We talk to Jane Foley, currency strategist at Rabobank.

Giorgia Meloni is set to become Italy's new Prime Minister after her right-wing coalition triumphed in this weekend's elections. What will be the focus of her economic policy? We ask Michele Geraci, former undersecretary of state at the Italian Ministry of Economic Development.

The Organisation for Economic Cooperation and Development (OECD) is predicting a 2.8-trillion-dollar hit to the global economy next year as the war in Ukraine continues, and the resulting inflation crisis takes its toll on demand. We hear more from Alvaro Pereira, the OECD's acting chief economist.

The video-sharing app TikTok could face a fine as high as 29 million US dollars after authorities in the UK found that the company may have failed to protect the privacy of users. The BBC's tech reporter Shiona McCallum tells us the details.

The re-release of Avatar has brought in \$30 million across global box offices this weekend. Rob Arthur, the director at the cinema and entertainment advisory service Paguro Ideas explains why the movie is so popular.

(Picture: Giorgia Meloni. Picture credit: Reuters.)

MON 16:00 BBC News (w172ykq8lccgqwp)

The latest five minute news bulletin from BBC World Service.

MON 16:06 BBC OS (w172ygrgtv537r)

Gun attack on Russian school

Investigators in central Russia say a gunman who shot dead 15 people in the city of Izhevsk was wearing a T-shirt with a Nazi symbol. We'll get details from our reporter with BBC Russian.

We'll have the latest on the protests in Iran after the death of a young woman, Mahsa Amini, in the police custody. Our correspondent will assess how widespread and how intense the protests are, more than a week on.

We'll bring you conversations of voters in Italy on the news that Giorgia Meloni looks set to become Italy's first far-right leader since World War Two.

Medical workers in the hospital treating Ebola patients in Uganda have gone on strike. We'll hear from Ugandans about their experiences of the outbreak.

(Photo: Pupils evacuated from the classes due a school shooting stand on the sidewalk in front of school 88 in Izhevsk, Russia, 26 September 2022. Credit: ANDREY KOROTKOV/EPA-EFE/REX/Shutterstock)

MON 17:00 BBC News (w172ykq8lccgqmt)

The latest five minute news bulletin from BBC World Service.

MON 17:06 BBC OS (w172ygrgtv56zw)

Italy elections: Far right set to take power

We'll bring you conversations of voters in Italy on the news that Giorgia Meloni looks set to become Italy's first far-right leader since World War Two.

Investigators in central Russia say a gunman who shot dead 15 people in the city of Izhevsk was wearing a T-shirt with a Nazi symbol. We'll get details from our reporter with BBC Russian.

We'll also bring you some of the latest BBC reporting on the war in Ukraine. Heavy fighting is continuing around city of Bakhmut in Ukraine's Eastern Donbas region. Our Senior International Correspondent, Orla Guerin has been there and will talk about what she has seen.

We'll also hear from Ukrainian teachers who refused to teach the Russian curriculum under occupation in Kharkiv.

Photo: Leader of Brothers of Italy Giorgia Meloni holds a sign at the party's election night headquarters, in Rome, Italy September 26, 2022. Credit: Guglielmo Mangiapane/File Photo/Reuters)

MON 18:00 BBC News (w172ykq8lccgqcy)

The latest five minute news bulletin from BBC World Service.

MON 18:06 Outlook (w3ct34nt)

[Repeat of broadcast at 12:06 today]

MON 18:50 Witness History (w3ct3bz9)

[Repeat of broadcast at 08:50 today]

MON 19:00 BBC News (w172ykq8lccgr242)

The latest five minute news bulletin from BBC World Service.

MON 19:06 The Newsroom (w172y17wzrtqdr)

The world's Newsroom brings you global events as they happen

MON 19:30 BBC News Summary (w172ykr3132ffdg)

The latest two minute news summary from BBC World Service.

MON 19:32 Sport Today (w172ygn158012z)

2022/09/26 GMT

BBC sports correspondents tell the story behind today's top sporting news, with interviews and reports from across the world.

MON 20:00 BBC News (w172ykq8lccgr5w6)

The latest five minute news bulletin from BBC World Service.

MON 20:06 The Climate Question (w3ct3kjh)

[Repeat of broadcast at 02:32 today]

MON 20:30 BBC News Summary (w172ykr3132fk4l)

The latest two minute news summary from BBC World Service.

MON 20:32 Discovery (w3ct4kfv)

David Eagleman

Literature student turned neuroscientist, Prof David Eagleman, tells Jim Al-Khalili about his research on human perception and the wristband he created that enables deaf people to hear through their skin. Everything we see, taste, smell, touch and hear is created by a set of electro-chemical impulses in the dark recesses of our brain. Our brains look for patterns in these signals and attach meaning to them. So in future perhaps we could learn to 'feel' fluctuations in the stock market, see in infra-red or echo-locate like bats? Each brain creates its own unique truth and David believes, there are no real limits to what we humans can perceive.

MON 21:00 BBC News (w172ykq8lcgr9mb)

The latest five minute news bulletin from BBC World Service.

MON 21:06 Newshour (w172yfc5pk7vkm)

Will Italy continue to support Ukraine?

Questions have been raised over Italy's international policy, after Giorgia Meloni's far-right party won national elections. Ms Meloni has signalled continued support for the NATO policy on Ukraine, but there are some in her likely governing coalition who are more sympathetic to Moscow.

Also on the programme: pound sterling is down and the dollar is up, with implications for the global economy; and we hear from astronomers in Kenya about an experiment to blow an asteroid off course.

(Photo: The leader of Brothers of Italy (Fratelli d'Italia) Giorgia Meloni gestures the V sign at the party's headquarters in Rome, Italy, 26 September 2022. Credit: EPA).

MON 22:00 BBC News (w172ykq8lcgrfcg)

The latest five minute news bulletin from BBC World Service.

MON 22:06 HARDtalk (w3ct32ly)

[Repeat of broadcast at 08:06 today]

MON 22:30 BBC News Summary (w172ykr3132fsmv)

The latest two minute news summary from BBC World Service.

MON 22:32 The Conversation (w3ct37mf)

[Repeat of broadcast at 04:32 today]

MON 23:00 BBC News (w172ykq8lcgrk3l)

The latest five minute news bulletin from BBC World Service.

MON 23:06 The Newsroom (w172yrx1495gk55)

The world's Newsroom brings you global events as they happen

MON 23:20 Sports News (w172ygh8xmgdn4w)

BBC Sport brings you all the latest stories and results from around the world.

MON 23:30 BBC News Summary (w172ykr3132fcxz)

The latest two minute news summary from BBC World Service.

MON 23:32 World Business Report (w172yk5m357dqzc)

Strong dollar fuels currency downturn

Britain's pound hit record lows against the dollar on Monday. So how much is a strong dollar to blame? We speak to Claudia Sahn, the founder of Sahn Consulting and a former Federal Reserve and White House economist. The US has warned Russia that it will impose further economic sanctions if Moscow annexes more territory in Ukraine. Peter Jankovskis of Arbor Financial Services talks us through the likely implications if this happens. In Ghana, the current state of the economy takes centre stage as the government seeks a multi billion dollar finance deal from the International Monetary Fund to tackle economic hardship. The BBC's Ghana Correspondent Thoams Nandi paints a picture of the situation. How will Kenya's president Ruto fulfil his promise to tackle the cost of living crisis and lift people out of poverty? Mr Ruto unveils his plans to the World Service's Alan Kasujja. The fight for domestic workers' rights continues. The BBC's Laura Heighton-Ginns investigates the exploitation and abuse of domestic workers overseas. Alex Serdiuk, CEO of the Ukraine AI firm Respeecher tells us how it's been made possible to clone one of the most well-known characters in movie history.

(Picture: British pounds and US dollars. Credit: Getty Images.)

TUESDAY 27 SEPTEMBER 2022**TUE 00:00 BBC News (w172ykq8lcgrnvq)**

The latest five minute news bulletin from BBC World Service.

TUE 00:06 The History Hour (w3ct39lr)

[Repeat of broadcast at 20:06 on Sunday]

TUE 01:00 BBC News (w172ykq8lcgrslv)

The latest five minute news bulletin from BBC World Service.

TUE 01:06 Business Matters (w172ydq1m4wrpj6)

Currency plunge fuels concerns

On Business Matters we're joined throughout the programme by Andy Uhler, from our partner programme Marketplace, along with Shuli Ren from Bloomberg in Hong Kong. Claudia Sahn, a former Federal Reserve and White House economist, shares her thoughts regarding the weakening of global currencies against the US dollar.

How are the markets reacting to the currency fluctuations? Peter Jankovskis from Arbor Financial tells us.

The BBC's Thomas Nandi explains why Ghana is also struggling against the US dollar.

"Swift and severe": that's how President Joe Biden's spokeswoman, Karine Jean-Pierre describes additional spoxes from the US against Russia as the country considers annexing extra territory in Ukraine. The UK has also unleashed further sanctions targeted towards the organisers of self-styled 'referendums' asking Ukrainians in occupied territories if they support joining Russia.

The Canadian prime minister, Justin Trudeau, talks tough against Iran following the death of a young woman in police custody ten days ago which has triggered large scale demonstrations.

NASA completes one of the world's most daring space missions. We're joined by former space agency employee Keith Cowing.

The BBC's Laura Heighton-Ginns meets domestic workers who escaped modern slavery as she digs deeper into the exploitation and abuse of domestic workers overseas.

Alex Serdiuk, CEO of the Ukraine AI firm Respeecher, tells us how they managed to close one of the most well-known characters in movie history, Darth Vader.

(Picture: The US dollar and British pound. Credit: Getty Images).

TUE 02:00 BBC News (w172ykq8lcgrxbz)

The latest five minute news bulletin from BBC World Service.

TUE 02:06 The Newsroom (w172yl7wztr7zc)

The world's Newsroom brings you global events as they happen

TUE 02:30 BBC News Summary (w172ykr3132g8mc)

The latest two minute news summary from BBC World Service.

TUE 02:32 The Documentary (w3ct43mr)

Going for gold In Ghana

Ghana is Africa's leading producer of gold. The majority of Ghana's gold mining operation is legally undertaken by national and global mining corporations but it is estimated that in recent years as much as 35% is produced by small scale miners, much of it illegally. This practice, known as galamsey, is a danger to the miners and the environment around them and it is estimated that up to 60% of Ghanaian bodies of water are polluted as a result. But when job opportunities are not as available as precious minerals, what options do locals really have?

Successive governments have attempted to tackle galamsey in a variety of ways with varying degrees of success. The latest came in July 2021 when Vice President Dr Mahamudu Bawumia announced a new scheme of inclusion and integration that the government hopes will have a positive impact on miners, suppliers and jewellery makers and curb the rise in illegal mining.

Journalist and broadcaster Justice Baidoo investigates whether the measures to legitimise galamsey have so far been successful and, if not, how long the country can sustain an industry that could end up destroying rural communities.

Presenter: Justice Baidoo
Producer: Kurt Brookes

A Made in Manchester production for BBC World Service

(Photo: A galamsey (illegal mining) site in Kwabeng, in the Eastern region of Ghana. Credit: Justice Baidoo)

TUE 03:00 BBC News (w172ykq8lcgs133)

The latest five minute news bulletin from BBC World Service.

TUE 03:06 Outlook (w3ct34nt)

[Repeat of broadcast at 12:06 on Monday]

TUE 03:50 Witness History (w3ct3bz9)

[Repeat of broadcast at 08:50 on Monday]

TUE 04:00 BBC News (w172ykq8lcgs4v7)

The latest five minute news bulletin from BBC World Service.

TUE 04:06 The Newsroom (w172yl7wztrrhgm)

The world's Newsroom brings you global events as they happen

TUE 04:30 BBC News Summary (w172ykr3132gj3m)

The latest two minute news summary from BBC World Service.

TUE 04:32 In the Studio (w3ct3jjh)

Christopher Tin - The Lost Birds

In the Studio follows Grammy-winning American composer Christopher Tin as he embarks on the creation of an ambitious new work. Based on poetry and inspired by folk music, The Lost Birds is a musical memorial to bird species driven to extinction by humankind. Edwina Pitman follows Christopher through his composition process, his collaboration with the prolific British vocal ensemble VOCES8 and the Royal Philharmonic Orchestra. The Lost Birds is an elegiac response to the noise of our times and a haunting tribute to those soaring flocks that once filled our skies, but whose songs have since been silenced.

Presenter/Producer: Edwina Pitman

Executive Producer: Rebecca Armstrong for the BBC World Service

TUE 05:00 BBC News (w172ykq8lcgs8lc)

The latest five minute news bulletin from BBC World Service.

TUE 05:06 Newsday (w172yf8qccfsx7s)

Bakhmut: The battered city holding off Putin's troops

More than six months into the invasion, Russia's stated aim, repeated recently by President Vladimir Putin, is to gain control of all of Donbas. Bakhmut is a stumbling block.

The UN's Special Representative in Haiti has said an economic crisis, a gang crisis and a political crisis have converged into a humanitarian catastrophe in the country.

And the tech sector's diversity problem.

TUE 06:00 BBC News (w172ykq8lcgsdbh)

The latest five minute news bulletin from BBC World Service.

TUE 06:06 Newsday (w172yf8qccft0zx)

Ukraine War: Russians flee after military call-up

Polish MEP Radek Sikorski has urged the European Commission President to approve a special visa permit and offer remuneration to defecting Russian soldiers in a bid to weaken Vladimir Putin's power.

Thousands of people, including dozens of world leaders, are gathering in the Japanese capital Tokyo for the state funeral of the assassinated former prime minister, Shinzo Abe.

And Nasa scientists have deliberately crashed a spacecraft into a distant asteroid, aiming to push it off course.

TUE 07:00 BBC News (w172ykq8lcgsj2m)

The latest five minute news bulletin from BBC World Service.

TUE 07:06 Newsday (w172yf8qccft4r1)

Japan holds state funeral for assassinated leader Shinzo Abe

Thousands of people, including dozens of world leaders, are attending the state funeral of the former Japanese prime minister, Shinzo Abe, following his assassination in July.

Human rights campaigners say Iran is increasingly arresting journalists and activists, as anti-government protests continue across the country.

And Typhoon Noru slams the Philippines.

TUE 08:00 BBC News (w172ykq8lsgsmtr)
The latest five minute news bulletin from BBC World Service.

TUE 08:06 People Fixing The World (w3ct3j2y)
Dads on duty

When 23 pupils were arrested after a series of fights at a school in the US city of Shreveport, a small band of parents decided to help the beleaguered teaching staff regain control.

Step forward the 'Dads on Duty'. They are a group volunteer fathers who patrol the corridors and playgrounds with a friendly smile and a few dad jokes. Their presence gives the kids some positive male role models and demonstrates an alternative to gang culture.

Plus, we take another look at a scheme that tackles bullying by bringing a baby into the classroom. Roots of Empathy believe that caring for a baby will reduce aggression amongst young children and help them to become better citizens.

Presenter: Myra Anubi
Producer/Reporter: Ben Wyatt
Producer: Richard Kenny
Picture: Dads on Duty

TUE 08:30 BBC News Summary (w172ykr3132h034)
The latest two minute news summary from BBC World Service.

TUE 08:32 Business Daily (w3ct316s)
Why Finland is building with wood again

Could building more homes and offices out of wood instead of concrete help tackle climate change?

We travel to Finland, where growing numbers of homes and offices are being built using wood, and the industry is booming.

We'll hear how it can help improve sustainability in cities and take a look at the challenges and benefits of using more wood inside our offices and homes.

And we'll also hear concerns about the impact on the country's famous forests.

Presenter Maddy Savage speaks to Miimu Airaksinen - vice president of development at Finnish building company SRV, about the construction process and the technology being used.

Mai Suominen, a senior forest expert for the World Wildlife fund explains the benefits of using wood to make buildings, because they can store carbon that's already been removed from the atmosphere by trees for decades.

Ali Amiri from Aalto University has been exploring the costs and benefits of using wood for building - and the impact of the war in Ukraine which has increased interest in wood as a building material.

And Maddy gets a tour from Linda Helen of an eight story wooden office block in Helsinki that's home to one of Finland's biggest gaming companies Supercell.

Produced and presented by Maddy Savage.

(Image - wooden building in Helsinki. Credit: BBC)

TUE 08:50 Witness History (w3ct3c3t)
Chiune Sugihara - The Japanese Schindler

Working as a diplomat in the Japanese Embassy in Kaunas, Lithuania, in 1940, Chiune Sugihara was approached by desperate Jewish refugees seeking transit visas to escape Europe and the Nazis.

Defying orders from his superiors, who refused his requests to issue the visas, he personally wrote and signed thousands of life saving travel documents.

His son Nobuki Sugihara, who remembers how his father eschewed recognition for his actions, and Rochelle Zucker, whose own father was saved by one of Sugihara's visas, speak to Alex Eccleston.
A Whistledown production for BBC World Service.

(Photo: Chiune Sugihara. Credit: Getty Images)

TUE 09:00 BBC News (w172ykq8lsgsrkw)
The latest five minute news bulletin from BBC World Service.

TUE 09:06 The Documentary (w3ct43mr)
[Repeat of broadcast at 02:32 today]

TUE 09:30 BBC News Summary (w172ykr3132h3v8)
The latest two minute news summary from BBC World Service.

TUE 09:32 Discovery (w3ct4kfv)
[Repeat of broadcast at 20:32 on Monday]

TUE 10:00 BBC News (w172ykq8lsgswb0)
The latest five minute news bulletin from BBC World Service.

TUE 10:06 The Arts Hour (w3ct390p)
[Repeat of broadcast at 20:06 on Saturday]

TUE 11:00 BBC News (w172ykq8lsgt024)
The latest five minute news bulletin from BBC World Service.

TUE 11:06 The Newsroom (w172y17wzrtsbpj)
The world's Newsroom brings you global events as they happen

TUE 11:30 BBC News Summary (w172ykr3132hchj)
The latest two minute news summary from BBC World Service.

TUE 11:32 In the Studio (w3ct3jjh)
[Repeat of broadcast at 04:32 today]

TUE 12:00 BBC News (w172ykq8lsgt3t8)
The latest five minute news bulletin from BBC World Service.

TUE 12:06 Outlook (w3ct353c)
Fate and faces: The artist who 'sold stars' to make a living

Lita Cabellut is one of Spain's most successful painters, but grew up on the streets of Barcelona, selling imaginary stars to tourists to make a living and watching people in order to survive. Adopted at 11 by a wealthy family, an encounter with the paintings of Rubens and Goya changed her life.

Get in touch: outlook@bbc.com

Presenter: Andrea Kennedy

(Photo: Lita Cabellut. Credit: Bart Maat/ANP/AFP)

TUE 12:50 Witness History (w3ct3c3t)
[Repeat of broadcast at 08:50 today]

TUE 13:00 BBC News (w172ykq8lsgt7kd)
The latest five minute news bulletin from BBC World Service.

TUE 13:06 The Newsroom (w172y17wzrtsl5s)
The world's Newsroom brings you global events as they happen

TUE 13:30 BBC News Summary (w172ykr3132hlts)
The latest two minute news summary from BBC World Service.

TUE 13:32 Discovery (w3ct4kfv)
[Repeat of broadcast at 20:32 on Monday]

TUE 14:00 BBC News (w172ykq8lsgt9jd)
The latest five minute news bulletin from BBC World Service.

TUE 14:06 Newshour (w172yfc5pk7wx7t)
Discredited polls come to an end in Russian-held Ukraine

Nearly four million people from the eastern regions of Donetsk and Luhansk, and the southern regions of Kherson and Zaporizhzhia, were asked to attend polling stations and vote in so-called referendums on joining Russia. A former Ukrainian prime minister tells Newshour the referendums are null and void.

Also in the programme: Mystery leaks in the Nord Stream gas pipelines spark warnings in Europe; and we take a look at how Iran's crackdown on protests at the death of a young woman is also further weakening the country's economy.

(Photo: A woman holds her ballot during voting in a so-called 'referendum' on the joining of Russian-controlled regions of Ukraine to Russia. Credit: EPA).

TUE 15:00 BBC News (w172ykq8lsgth1n)
The latest five minute news bulletin from BBC World Service.

TUE 15:06 People Fixing The World (w3ct3j2y)
[Repeat of broadcast at 08:06 today]

TUE 15:30 BBC News Summary (w172ykr3132hvb1)
The latest two minute news summary from BBC World Service.

TUE 15:32 World Business Report (w172yk82fc1j6l9)
UK banks pull mortgages as market jitters continue

We find out the latest on markets and mortgages after a day and a half of panic from investors and banks over the UK economy with Fiona Cincotta, Senior Market Analyst at City Index.

Both Nord Stream 1 and Nord Stream 2 pipelines appear to have unexplained gas leaks - we're joined by Dr Carole Nakhle, founder and CEO of consultancy firm Crystol Energy, to find out how gas prices could be affected.

Millions of people around the world rely on palm trees and the products from them for everything from food to medicine and building materials, but could thousands of species be facing extinction. James Fry, Chairman of LMC International, a consultancy that specialises in agricultural commodities like palm, explains all.

After President Putin's call up of extra soldiers for his war in Ukraine, we hear from Anna Palmina, founder of Palmina Invest, who is now thinking about moving offices from Russia and Estonia to Dubai.

And Carlos Kytka, executive director of the Gay European Tourism Association, explains why Cuba may be the next LGBTQ+ destination of choice.

(Picture: Pound currency. Credit: Getty Images)

TUE 16:00 BBC News (w172ykq8lsgtlss)
The latest five minute news bulletin from BBC World Service.

TUE 16:06 BBC OS (w172yg1rgvt804v)
Last day of Ukraine annexation vote

Nearly four million people from the eastern regions of Donetsk and Luhansk, and the southern regions of Kherson and Zaporizhzhia, are being asked to attend polling stations and vote in so-called referendums on joining Russia. We hear what people in Ukraine feel about the discredited referendum. We also report on Russians trying to leave their country after President Vladimir Putin's order to mobilise hundreds of thousands of reservists for the war in Ukraine.

Also on the programme, there's been continued protests in Iran following the death of Mahsa Amini after she was detained by the morality police over the way she was wearing her headscarf. We'll speak to people who have been arrested by the Iranian morality police.

We'll also hear from people in Japan with opinions about Shinzo Abe's state funeral. Polls suggest more than half of the country's population were against it.

(Photo: A man casts his ballot at a polling station during a referendum on the joining of the self-proclaimed Donetsk People's Republic (DPR) to Russia, in Donetsk, Ukraine September 27, 2022. Credit: Reuters/Alexander Ermochenko)

TUE 17:00 BBC News (w172ykq8lsgtqjx)
The latest five minute news bulletin from BBC World Service.

TUE 17:06 BBC OS (w172yg1rgvt83wz)
Polls close for Ukraine annexation vote

Nearly four million people from the eastern regions of Donetsk and Luhansk, and the southern regions of Kherson and Zaporizhzhia, have been voting in so-called referendums on joining Russia. We hear what people in Ukraine feel about the discredited referendum.

We also report on Russians trying to leave their country after President Vladimir Putin's order to mobilise hundreds of thousands of reservists for the war in Ukraine.

Also on the programme, there's been continued protests in Iran following the death of Mahsa Amini, the young woman who

was detained by the morality police over the way she wore her hijab. We hear from others in the country who have been arrested by the Iranian morality police.

We'll also hear from people in Japan with opinions about Shinzo Abe's state funeral. Polls suggest more than half of the country's population were against it.

(Photo: Members of an electoral commission count ballots at a polling station following a referendum on the joining of the self-proclaimed Donetsk People's Republic (DPR) to Russia, in Donetsk, Ukraine September 27, 2022. Credit: Reuters/Alexander Ermochenko)

TUE 18:00 BBC News (w172ykq8lcv91)

The latest five minute news bulletin from BBC World Service.

TUE 18:06 Outlook (w3ct353c)

[Repeat of broadcast at 12:06 today]

TUE 18:50 Witness History (w3ct3c3t)

[Repeat of broadcast at 08:50 today]

TUE 19:00 BBC News (w172ykq8lcvz15)

The latest five minute news bulletin from BBC World Service.

TUE 19:06 The Newsroom (w172yl7wzrt9nk)

The world's Newsroom brings you global events as they happen

TUE 19:30 BBC News Summary (w172ykr3132jb9k)

The latest two minute news summary from BBC World Service.

TUE 19:32 Sport Today (w172ygn1583h02)

2022/09/27 GMT

BBC sports correspondents tell the story behind today's top sporting news, with interviews and reports from across the world.

TUE 20:00 BBC News (w172ykq8lcv2s9)

The latest five minute news bulletin from BBC World Service.

TUE 20:06 The Documentary (w3ct43mr)

[Repeat of broadcast at 02:32 today]

TUE 20:30 BBC News Summary (w172ykr3132jg1p)

The latest two minute news summary from BBC World Service.

TUE 20:32 Digital Planet (w3ct31yy)

Tiny robots cure mice with deadly pneumonia

Microrobots have been created and used to treat the most common form of pneumonia that infects patients in ICU. In experiments, currently carried out in mice at the University of California San Diego, the tiny robots swam around the lungs and delivered antibiotics that killed the disease-causing bacteria. The amount of antibiotics needed is a tiny fraction of the amount currently used to treat this infection intravenously. The robots are made from algae cells (this allows them to move) covered in antibiotic-filled nanoparticles. These nanoparticles are made with tiny spheres that are coated with the cell membranes of neutrophils – a type of white blood cell that fights infection and inflammation - making the microrobots more effective at fighting the lung infection. We hear from lead author Professor Joseph Wang about the tech that's allowed the team of nanoengineers to create these microrobots.

Internet shutdowns in India – on what grounds are they allowed?

Since 2012 there have been 683 full internet blackouts in India according to the internet shutdown tracker run by the Software Freedom Law Centre (SFLC). Many of these are done without following government rules. Now India's Ministry of Electronics and Information Technology has only a week left to reveal the grounds on which it approves or imposes internet shutdowns in the country. The SFLC filed a lawsuit against the states of Arunachal Pradesh, Rajasthan, Gujarat and West Bengal, after internet shutdowns were ordered to prevent cheating during state exams. This is a common occurrence around the time of public exams across the country as stolen exam papers often appear on the internet. Now the Supreme Court has ruled that the protocols on which these decisions are made need to be made public. Tech reporter Emma Woollacott explains the massive impact of these shutdowns and lawyer Mishri Choudhary founder of the SFLC explains why they bought about the lawsuit.

National Robotarium opens in Edinburgh

Digital Planet's Hannah Fisher has been given access to the UK's first robotarium and reports on the eve of its opening for the programme. A big aim of the national robotarium at Heriot Watt University is to change public opinion about what robots actually are and how we can use them.

The programme is presented by Gareth Mitchell with expert commentary from Ghislaine Boddington.

Studio Manager: Andrew Garratt

Producer: Ania Lichtarowicz

(Image: Illustration of microrobots entering the lungs to treat pneumonia. Credit: Wang lab/UC San Diego)

TUE 21:00 BBC News (w172ykq8lcv6jf)

The latest five minute news bulletin from BBC World Service.

TUE 21:06 Newshour (w172yfc5pk7xrgq)

Leaving home to avoid war

Tens of thousands of Russians have left the country following President Putin's announcement of a military mobilisation. One student from Siberia who has fled to Uzbekistan tells us "it's a bit immoral to stay in Russia if you have the opportunity to go".

Also in the programme: 200 years ago today a French linguist became the first person to translate the Egyptian hieroglyphics on the Rosetta Stone; and we meet the Congolese engineering team hoping to make history by launching a DIY rocket into space.

(Photo: Russian conscripted men attend a farewell ceremony outside a recruiting office in Bataysk, Rostov region, Russia, 26 September 2022. Credit: EPA/Arkady Budnitsky)

TUE 22:00 BBC News (w172ykq8lcvb8k)

The latest five minute news bulletin from BBC World Service.

TUE 22:06 People Fixing The World (w3ct3j2y)

[Repeat of broadcast at 08:06 today]

TUE 22:30 BBC News Summary (w172ykr3132jpjy)

The latest two minute news summary from BBC World Service.

TUE 22:32 In the Studio (w3ct3jjh)

[Repeat of broadcast at 04:32 today]

TUE 23:00 BBC News (w172ykq8lcv90p)

The latest five minute news bulletin from BBC World Service.

TUE 23:06 The Newsroom (w172yxr1495kg28)

The world's Newsroom brings you global events as they happen

TUE 23:20 Sports News (w172ygh8xmghk1z)

BBC Sport brings you all the latest stories and results from around the world.

TUE 23:30 BBC News Summary (w172ykr3132jt92)

The latest two minute news summary from BBC World Service.

TUE 23:32 World Business Report (w172yk8ww2n7vlm)

IMF raises concerns over UK economy

The BBC'S New York correspondent, Michelle Fleury explains the IMF's concerns about the new fiscal measures adopted by the UK.

Mark Sobel, a former US treasury official who is now chair of OMFIF a think tank, highlights the importance of sterling to the global economy.

Polish Prime Minister, Mateusz Morawiecki has reacted to the gas leaks from Russian-controlled pipelines, describing the damage as an act of sabotage. But the US Secretary of state, Anthony Blinken, takes a more cautious approach.

The leader of the opposition party in the UK, Sir Keir Starmer, has announced a new Labour policy for tackling climate change - setting up a state-owned energy company - called Great British Energy.

We speak to Jacob Schlandt, a journalist based in Germany about the effects of the leak on the markets.

As Florida braces for Hurricane Ian, Cathy Perkins, the Director of Pinellas County Emergency Management talks to us

about the situation.

Food delivery drivers in Brazil are facing hard times trying to save a mere 3 dollars extra a day on fuel. BBC journalist, Agustina Latourrette speaks to some of them.

Paris Fashion Week is back in the French capital with a bang. The BBC's Bisi Adebayo caught up with Lucy Maguire, a reporter for Vogue Business who's at the show in Paris. (Picture: Pound currency and US dollar. Credit: Getty Images).

WEDNESDAY 28 SEPTEMBER 2022

WED 00:00 BBC News (w172ykq8lcvkrt)

The latest five minute news bulletin from BBC World Service.

WED 00:06 The Arts Hour (w3ct390p)

[Repeat of broadcast at 20:06 on Saturday]

WED 01:00 BBC News (w172ykq8lcvphy)

The latest five minute news bulletin from BBC World Service.

WED 01:06 Business Matters (w172yq1m4wvlf9)

IMF reacts to UK economic policy

The International Monetary Fund has openly criticised the UK's economic policy. It says the government's plan to cut tax for the highest earners and increase borrowing will increase inequality. Our North America business correspondent from New York, Michelle Fleury, tells us more.

The UK Treasury says it is focused on growing the economy to raise living standards for everyone. Former Deputy Director at the IMF, Adnan Mazarei, speaks further on the issue.

Energy journalist Jacob Schlandt gives us the latest on gas leaks from the Russian-controlled Nordstream gas pipelines – which the international community has labelled an act of sabotage.

Hurricane Ian gathers momentum towards Florida, leaving hundreds of thousands of people in Cuba without power. Cathy Perkins, the Director of Pinellas County Emergency Management, talks to us.

Could building more homes and offices out of wood instead of concrete help tackle climate change? The BBC's Maddy Savage explores the pros and cons.

Carlos Kytka, the executive director of the Gay European Tourism Association, chats with us about Cuba's push to become an attractive destination for LGBTQ+ visitors.

(Picture: The UK's currency, pound sterling, has fallen to historic lows. Credit: Getty Images.)

WED 02:00 BBC News (w172ykq8lcv82)

The latest five minute news bulletin from BBC World Service.

WED 02:06 The Newsroom (w172yl7wzrtv4wg)

The world's Newsroom brings you global events as they happen

WED 02:30 BBC News Summary (w172ykr3132k5jg)

The latest two minute news summary from BBC World Service.

WED 02:32 The Compass (w3ct43cq)

The Understory: Life in the Soil

Life in soil: Tasting the earth in France

Writer and environmentalist Isabelle Legeron is in France to see how cultivating a healthy soil, teeming with fungi and microbes, can enhance the flavour profile of food and drink - from cheese to coffee to wine. She explores the fundamental role soil plays in the notion of "terroir" - the conviction that the natural environment in which plants are grown, can be experienced in the taste and texture of the food and drink made from them.

Isabelle speaks to a cast of soil microbiologists, land managers and taste experts - Lydia and Claude Bourguignon (France), Anne Biklé (USA), the Le Puy vineyard in Bordeaux, Barry Smith (UK), Darek Trowbridge (USA) and Hans-Peter Schmidt (Switzerland).

Presenter: Isabelle Legeron

Producer: Sasha Edye-Lindner

A Cast Iron Production for BBC World Service

(Photo: A vineyard)

WED 03:00 BBC News (w172ykq8lcvy06)

The latest five minute news bulletin from BBC World Service.

WED 03:06 Outlook (w3ct353c)

[Repeat of broadcast at 12:06 on Tuesday]

WED 03:50 Witness History (w3ct3c3t)

[Repeat of broadcast at 08:50 on Tuesday]

WED 04:00 BBC News (w172ykq8lcvw1rb)

The latest five minute news bulletin from BBC World Service.

WED 04:06 The Newsroom (w172yl7wzrtvdcq)

The world's Newsroom brings you global events as they happen

WED 04:30 BBC News Summary (w172ykr3132kf0q)

The latest two minute news summary from BBC World Service.

WED 04:32 Untold Legends (w3ct43cj)

5. Playing like a 'real woman'

Ora is at the peak of her sports, but off the court, stars are expected to appear "sufficiently feminine". If you didn't, you faced prejudice. Please note, this episode contains some outdated language that may offend.

This episode was updated on 29 September 2022, to correct some information about the basketball coach, Joe Rainey #UntoldLegends

WED 05:00 BBC News (w172ykq8lcvw5hg)

The latest five minute news bulletin from BBC World Service.

WED 05:06 Newsday (w172yf8qccfwt4w)

The US state of Florida is making preparations for Hurricane Ian

Hurricane Ian has passed over Cuba knocking out the entire electricity grid and destroying crops - it's strengthening and heading towards Florida where 2.5m people have been told to evacuate.

Russia has concluded its discredited referendums in 4 regions of occupied Ukraine - it's widely expected that Moscow will announce that they have delivered a result in favour of joining Russia - we hear from a journalist whose family is one of the areas.

And after President Vladimir Putin's announcement of a "partial mobilization" of army reservists, many of those of military age are fleeing the country - we hear from one young man who has travelled from St Petersburg across the border to Georgia to avoid conscription.

WED 06:00 BBC News (w172ykq8lcvw97l)

The latest five minute news bulletin from BBC World Service.

WED 06:06 Newsday (w172yf8qccfwxx0)

Russia's concluded four referendums in eastern Ukraine

Russia has concluded four referendums in the areas it occupies in eastern Ukraine - the polls have been discredited but are expected to be used by the Kremlin to justify the annexation of Ukrainian territory.

Hurricane Ian is heading towards Florida - it's already caused devastation in Cuba, shutting down the island's electricity supply - and is strengthening as it moves north.

India's Hindu nationalist-led government has announced a ban on a prominent Muslim organisation a day after police detained more than a hundred members in raids on offices across the country.

WED 07:00 BBC News (w172ykq8lcvwzdzq)

The latest five minute news bulletin from BBC World Service.

WED 07:06 Newsday (w172yf8qccfx1n4)

Hurricane plunges Cuba into darkness, heads to Florida next

Our top story is Hurricane Ian - the powerful storm has been wreaking havoc on Cuba's power grid, and the storm is heading towards Florida.

Our correspondent reports from Brazil, as a key presidential election approaches.

And we hear from the front line in the south of Ukraine where Kyiv's forces are involved in an artillery battle with Russian forces, and from a Russian man who fled to Georgia to avoid the "partial mobilisation".

WED 08:00 BBC News (w172ykq8lcvwjvq)

The latest five minute news bulletin from BBC World Service.

WED 08:06 HARDtalk (w3ct32rg)

Evgeny Popov: Russia's mobilisation

Stephen Sackur speaks to Russian MP, Putin loyalist and influential state media commentator Evgeny Popov. Amid military reverses, mass mobilisation, and signs of internal dissent in Russia, is Putin's Ukraine strategy doomed to fail?

WED 08:30 BBC News Summary (w172ykr3132kx07)

The latest two minute news summary from BBC World Service.

WED 08:32 Business Daily (w3ct31c9)

Business Daily Meets: Margrethe Vestager

Margrethe Vestager is the European commissioner for competition.

Ms Vestager has been spearheading the landmark Digital Markets and Digital Services Acts aimed at regulating the global technology industry.

The new rules passed the European Parliament in July and will start to be implemented in the spring.

Victoria Craig sits down with Ms Vestager to ask about the commission's win against Google in one of Europe's biggest courts (which resulted in a record fine).

She also explains the importance of her hallmark legislative endeavours on global competition and fairness in the big tech space.

And she talks about how the EC's Important Projects of Common European Interest programme - which allows joint investments in riskier technologies - could help alleviate Europe's energy crisis.

Producer: Stephen Ryan

Presenter: Victoria Craig

(Image: Margrethe Vestager. Credit: Google)

WED 08:50 Witness History (w3ct3c62)

Castrating Pablo Escobar's hippos

When drug kingpin Pablo Escobar died in 1993 having built a billion dollar cocaine empire, he left behind a zoo. While his rhinos, giraffes, elephants and kangaroos were re-housed, the hippos were left in Escobar's abandoned ranch in the Colombian countryside.

In 2007 they started turning up 100 kilometres away, frightening fishermen. Vet Carlos Valderrama was called in to tackle the problem. He describes to Josephine McDermott his experience of the first ever castration of a hippo in the wild.

(Photo: Carlos Valderrama castrating the hippo. Credit: Carlos Valderrama)

WED 09:00 BBC News (w172ykq8lcvwngz)

The latest five minute news bulletin from BBC World Service.

WED 09:06 The Compass (w3ct43cq)

[Repeat of broadcast at 02:32 today]

WED 09:30 BBC News Summary (w172ykr3132l0rc)

The latest two minute news summary from BBC World Service.

WED 09:32 Digital Planet (w3ct31yy)

[Repeat of broadcast at 20:32 on Tuesday]

WED 10:00 BBC News (w172ykq8lcvw73)

The latest five minute news bulletin from BBC World Service.

WED 10:06 The Documentary (w3ct43ql)

[Repeat of broadcast at 12:06 on Saturday]

WED 11:00 BBC News (w172ykq8lcvwwz7)

The latest five minute news bulletin from BBC World Service.

WED 11:06 The Newsroom (w172yl7wzrtw7lm)

The world's Newsroom brings you global events as they happen

WED 11:30 BBC News Summary (w172ykr3132l87m)

The latest two minute news summary from BBC World Service.

WED 11:32 Untold Legends (w3ct43cj)

[Repeat of broadcast at 04:32 today]

WED 12:00 BBC News (w172ykq8lcvx0qc)

The latest five minute news bulletin from BBC World Service.

WED 12:06 Outlook (w3ct3y8y)

The girl who heckled the President

When Zarifa Ghafari was eleven years old she heckled Afghanistan's then-president, Hamid Karzai, because he cancelled a visit to her school. By the time she was twenty four she had become the country's youngest-ever female Mayor. But her high profile made her a target. Three assassination attempts were made on her life and her father was killed by gunmen. Today, she's a prominent activist still working on women's rights in Afghanistan from her new home in Germany. She's written a book called Zarifa: A Woman's Battle In A Man's World.

Susana Baca is one of Peru's best-loved singers, but it wasn't until her fifties that her career took off. Originally a teacher, her musical success started when her extraordinary talent for singing was discovered by David Byrne, lead singer of the American band Talking Heads. Since then, she's been taking her style of Afro-Peruvian music around the world and has won three Latin Grammy awards. She spoke to Outlook's Jane Chambers in an interview first broadcast in April 2017.

Get in touch: outlook@bbc.com

Presenter: Andrea Kennedy

Producer: May Cameron

(Photo: Zarifa Ghafari Credit: Marcel Mettelsiefen)

WED 12:50 Witness History (w3ct3c62)

[Repeat of broadcast at 08:50 today]

WED 13:00 BBC News (w172ykq8lcvx4gh)

The latest five minute news bulletin from BBC World Service.

WED 13:06 The Newsroom (w172yl7wzrtwh2w)

The world's Newsroom brings you global events as they happen

WED 13:30 BBC News Summary (w172ykr3132lhqw)

The latest two minute news summary from BBC World Service.

WED 13:32 Digital Planet (w3ct31yy)

[Repeat of broadcast at 20:32 on Tuesday]

WED 14:00 BBC News (w172ykq8lcvx86m)

The latest five minute news bulletin from BBC World Service.

WED 14:06 Newshour (w172yfc5pk7zt4x)

Denmark says Nord Stream gas leaks 'carefully planned'

The European Union and NATO have stressed the need to protect critical infrastructure from sabotage, after gas leaks were found in two major Russian pipelines under the Baltic sea. Denmark has said the ruptures in Nord Stream 1 and 2 were caused by carefully planned and powerful explosions.

Also in the programme: Guinea's former leader Moussa Dadis Camara is going on trial over a stadium massacre thirteen years ago; and Britain's central bank is to start buying government bonds to try to calm financial markets increasingly spooked by Downing Street's fiscal policy.

(Photo: Gas leak at Nord Stream 2 as seen from the Danish F-16 interceptor on Bornholm, Denmark September 27, 2022. Danish Defence Command/Forsvaret Ritzaa Scanpix/via REUTERS)

WED 15:00 BBC News (w172ykq8lcvxcyr)

The latest five minute news bulletin from BBC World Service.

WED 15:06 HARDtalk (w3ct32rg)

[Repeat of broadcast at 08:06 today]

World Service Listings for 24 – 30 September 2022		Page 12 of 17
<p>WED 15:30 BBC News Summary (w172ykr3132lr74) The latest two minute news summary from BBC World Service.</p> <p>WED 15:32 World Business Report (w172yk9q9t802yz) The Bank of England steps in</p> <p>The Nobel Prize winning economist Sir Christopher Pissarides joins us to discuss The Bank of England's emergency intervention in the bond market, after days of uncertainty in the markets. We'll get the latest on where the pound and UK borrowing rates are with Russ Mould, investment director at AJ Bell.</p> <p>There's suspicion of Russian involvement in damage to the Nord Stream gas pipelines - Melinda Haring, Deputy Director of the Atlantic Council's Eurasian Center explains what this means, and what could happen next. We're also joined by Armand Arton, founder and chair of Canada's Global Citizen Forum, to discuss the potential escape routes for Russian refugees, as thousands try and flee the country following President Putin's partial mobilisation.</p> <p>And we hear from Shay Segev, Chief Executive of DAZN Group, one of Europe's biggest sport-video streaming companies, as it expands its portfolio further.</p> <p>(Picture: Bank of England, Threadneedle Street, London. Credit: Getty Images)</p> <p>WED 16:00 BBC News (w172ykq8lchgxpw) The latest five minute news bulletin from BBC World Service.</p> <p>WED 16:06 BBC OS (w172yglrgvtxb1y) Ukraine: The ongoing counter-offensive</p> <p>We bring you some of the latest BBC reporting from Ukraine, with our correspondent witnessing what's happening on the front line of Ukraine's counter-offensive in the southern region of Kherson. We also connect you with reporters at Russia's borders with Finland, Georgia and Kazakhstan where many people are still trying to leave the country following President Putin's calls for mobilisation.</p> <p>We explain what the International Monetary Fund is and why it's been commenting on the UK government's approach to its finances.</p> <p>And one of our reporting team in India will tell us about her visit to a village in Uttar Pradesh to investigate the story behind the murder of two young sisters.</p> <p>(Photo: A Russian reservist bids farewell to relatives in the town of Volzhsky in the Volgograd region. Credit: Reuters/Stringer)</p> <p>WED 17:00 BBC News (w172ykq8lchgxmgo) The latest five minute news bulletin from BBC World Service.</p> <p>WED 17:06 BBC OS (w172yglrgvtc0t2) Iran: Protests continue</p> <p>Protests are continuing after the death in custody earlier this month of 22 year old Mahsa Amini - she'd been detained for allegedly breaking the country's strict dress code rules. With access to the Internet being extremely limited in Iran, it is getting extremely difficult to speak to people protesting inside the country. We will share the voices we have managed to connect to.</p> <p>We bring you some of the latest BBC reporting from Ukraine, with our correspondent witnessing what's happening on the front line of Ukraine's counter-offensive. We also connect you with reporters at Russia's borders with Finland, Georgia and Kazakhstan where many people are still trying to leave the country following President Putin's calls for mobilisation.</p> <p>And we tell you why a satirical video by an ad agency has reopened a debate about what to do with stray dogs in the Indian state of Kerala.</p> <p>(Photo: A newspaper with a cover picture of Mahsa Amini, a woman who died after being arrested by Iranian morality police is seen in Tehran, Iran. Credit: Reuters)</p> <p>WED 18:00 BBC News (w172ykq8lcgxr64) The latest five minute news bulletin from BBC World Service.</p> <p>WED 18:06 Outlook (w3ct3y8y) [Repeat of broadcast at 12:06 today]</p> <p>WED 18:50 Witness History (w3ct3c62) [Repeat of broadcast at 08:50 today]</p>	<p>WED 19:00 BBC News (w172ykq8lcgxvy8) The latest five minute news bulletin from BBC World Service.</p> <p>WED 19:06 The Newsroom (w172y17wzrtx6kn) The world's Newsroom brings you global events as they happen</p> <p>WED 19:30 BBC News Summary (w172ykr3132m76n) The latest two minute news summary from BBC World Service.</p> <p>WED 19:32 Sport Today (w172ygfn1586cx5) 2022/09/28 GMT</p> <p>BBC sports correspondents tell the story behind today's top sporting news, with interviews and reports from across the world.</p> <p>WED 20:00 BBC News (w172ykq8lcgxzd) The latest five minute news bulletin from BBC World Service.</p> <p>WED 20:06 The Compass (w3ct43cq) [Repeat of broadcast at 02:32 today]</p> <p>WED 20:30 BBC News Summary (w172ykr3132mbys) The latest two minute news summary from BBC World Service.</p> <p>WED 20:32 Health Check (w3ct32wz) Floods spreading disease in Pakistan</p> <p>Waterborne diseases are on the rise in Sindh province in Pakistan where water levels are still high after record floods. BBC Urdu's Riaz Sohail visited the region and tells us about the conditions in roadside camps and a hospital in Dadu district.</p> <p>A recently published Motor Neuron Disease trial suggests that a new drug could make a fundamental difference for some people living with the disease.</p> <p>And how does healthcare work if a doctor can only be reached by boat, helicopter or plane? BBC's Marnie Chesterton went to Greenland and spoke to a healthcare worker in the small village of Narsarsuaq.</p> <p>Presenter: Claudia Hammond Producer: Florian Bohr</p> <p>(Picture: Flood-affected people on the road in Dadu city, Pakistan. Photo credit: Jan Ali Laghari/Anadolu Agency/Getty Images.)</p> <p>WED 21:00 BBC News (w172ykq8lcg3fj) The latest five minute news bulletin from BBC World Service.</p> <p>WED 21:06 Newshour (w172yfc5pk80nct) 'Catastrophic' damage in Florida as hurricane makes landfall</p> <p>The US National Hurricane Center says a powerful storm is causing what could become the worst storm surge on record, with widespread flooding and catastrophic wind damage along the Gulf coast of Florida. We hear from one evacuee.</p> <p>Also today: As Russia announces overwhelming support for annexation in four areas of Ukraine, we'll speak to a resident of one of them; and the Bank of England intervenes to try to tackle what it calls 'significant volatility' after last week's mini-budget.</p> <p>(Picture: Footage from 26 September showed Hurricane Ian moving towards western Cuba. Credit: The National Oceanic and Atmospheric Administration (NOAA))</p> <p>WED 22:00 BBC News (w172ykq8lcg75n) The latest five minute news bulletin from BBC World Service.</p> <p>WED 22:06 HARDtalk (w3ct32rg) [Repeat of broadcast at 08:06 today]</p> <p>WED 22:30 BBC News Summary (w172ykr3132mlg1) The latest two minute news summary from BBC World Service.</p> <p>WED 22:32 Untold Legends (w3ct43cj) [Repeat of broadcast at 04:32 today]</p> <p>WED 23:00 BBC News (w172ykq8lgybxs) The latest five minute news bulletin from BBC World Service.</p>	<p>WED 23:06 The Newsroom (w172rx1495nbzc) The world's Newsroom brings you global events as they happen</p> <p>WED 23:20 Sports News (w172ygh8xmglfz2) BBC Sport brings you all the latest stories and results from around the world.</p> <p>WED 23:30 BBC News Summary (w172ykr3132mq65) The latest two minute news summary from BBC World Service.</p> <p>WED 23:32 World Business Report (w172ykbjrvqcq9) Another difficult day for the British economy</p> <p>It's been another windy day for the British economy as the Bank of England intervenes to buy government debt. The leader of the UK's main opposition party - Keir Starmer says the government has lost control of its finances.</p> <p>Raoul Puparel, head of the Boston Consulting Group and a former special adviser to the UK Prime Minister on Europe, describes the situation as unprecedented.</p> <p>How are the markets reacting? Susan Schmidt who's Head of US Equity at Exchange Capital Resources in Chicago tells us.</p> <p>Hurricane Ian bears down on the East Coast of Florida in the US, leaving more than a million people without power. President Biden warns people to take heed of the advice of local authorities.</p> <p>Suspensions continue about the blasts on Tuesday in the Baltic Sea that damaged the pipes bringing gas to Europe from Russia. Melinda Haring, the deputy director of the Atlantic Council's Eurasia Center shares her thoughts.</p> <p>Retailers and consumers in Liberia are spending days and nights in queues to buy small quantities of rice which is fast disappearing from shops and marketplaces in the country. Clarence Jackson, a Liberian journalist, tells us what exactly is happening.</p> <p>From movies to boxsets then music and now sport - is the new streaming war out on the pitch? Shay Segev, DAZN Group CEO sheds more light on the new deal to buy ELEVEN Group's global sports media businesses. (Picture: A currency exchange in London. Credit: Getty Images).</p> <p>THURSDAY 29 SEPTEMBER 2022</p> <p>THU 00:00 BBC News (w172ykq8lgygnx) The latest five minute news bulletin from BBC World Service.</p> <p>THU 00:06 The Documentary (w3ct43ql) [Repeat of broadcast at 12:06 on Saturday]</p> <p>THU 01:00 BBC News (w172ykq8lgy1f1) The latest five minute news bulletin from BBC World Service.</p> <p>THU 01:06 Business Matters (w172yq1m4wyhbd) Hurricane Ian sweeps through Florida</p> <p>Alexander Kaufman from the Huffington Post, based in New York, and Rebecca Choong Wilkins join us throughout the programme for a chat about the day's big business stories.</p> <p>There are more reactions to the leaks detected in Nord Stream 1 and 2. Sweden has launched an investigation, and Norway is to deploy the military to protect its energy sites. The EU has promised a robust and united response to any deliberate disruption of European energy infrastructure.</p> <p>Raoul Ruparel, a former UK government adviser, reacts to the turbulence facing the UK economy. We also hear from Maurice Obstfeld, a professor of economics at the University of California, and former Chief Economist at the International Monetary Fund.</p> <p>Amazon has unveiled its latest range of own-brand tech devices – including a new one that watches you sleep. The BBC's Alex Bell looks ahead to its release.</p> <p>Also on Business Matters, Shay Segev of the DAZN Group talks us through its recent acquisition of Eleven Sports.(Picture: Hurricane Ian sweeps through Florida. Picture Credit Getty Images).</p> <p>THU 02:00 BBC News (w172ykq8lgyq55) The latest five minute news bulletin from BBC World Service.</p>
Supported by bbc.co.uk/programmes/		

THU 02:06 The Newsroom (w172y17wzrty1sk)

The world's Newsroom brings you global events as they happen

THU 02:30 BBC News Summary (w172ykr3132n2fk)

The latest two minute news summary from BBC World Service.

THU 02:32 Assignment (w3ct3045)

Argentina: Life with hyperinflation

Inflation in Argentina is racing towards 100%. In a country where prices are constantly on the move, it's hard to navigate daily life as salaries slump and the cost-of-living soars.

But, after decades of lurching from one economic crisis to another, Argentines have developed their own techniques for dealing with soaring inflation. In this week's Assignment, Jane Chambers travels to the capital Buenos Aires to find out how people from all walks of life are coping.

People in places like Diego Maradona's hometown have to queue for food parcels to get by. The dollar is increasingly being used as the alternative economy and an outspoken Presidential Candidate has come up with a strategy to deal with the billions of dollars owed to the International Monetary Fund. Presenter/Producer Jane Chambers with help from Buenos Aires based journalists Lucinda Elliott and Isobel McGrigor Studio Manager: Neil Churchill & Rod Farquhar Production Coordinator: Gemma Ashman and Iona Hammond Editor: Penny Murphy

Photo Credit: Lucinda Elliot

THU 03:00 BBC News (w172ykr3132n2fk)

The latest five minute news bulletin from BBC World Service.

THU 03:06 Outlook (w3ct3y8y)

[Repeat of broadcast at 12:06 on Wednesday]

THU 03:50 Witness History (w3ct3c62)

[Repeat of broadcast at 08:50 on Wednesday]

THU 04:00 BBC News (w172ykr3132n2fk)

The latest five minute news bulletin from BBC World Service.

THU 04:06 The Newsroom (w172y17wzrty98t)

The world's Newsroom brings you global events as they happen

THU 04:30 BBC News Summary (w172ykr3132n9xt)

The latest two minute news summary from BBC World Service.

THU 04:32 The Food Chain (w3ct38nf)

Who owns seeds?

Today's seed industry is dominated by a handful of companies. Approximately 60% of the market is controlled by just four companies.

Many of the seeds planted by farmers are controlled by international property rights or patents, that limit how they can be used. Court cases have centred around whether farmers have the right to save and reuse seeds for future harvests.

In this programme we'll chart the history of the seed industry, from the 19th century, when the United States government sent seeds in the post to farmers for free, to the growth of genetics in the 20th century which set the foundations for today's market.

Ruth Alexander is joined by Courtney Fullilove, Associate Professor of History at Wesleyan University in Connecticut, United States, and author of 'Profit of the Earth: the global seeds of American Agriculture'; Frank Terhorst, Head of Strategy and Sustainability in the Crop Sciences Division of Bayer Global, the biggest seed company in the world; Michael Fakhri, the United Nation's Special Rapporteur on the right to food, and Professor at the Oregon University School of Law in the United States; and Dr Tamene Yohannes, from the Ethiopian Biodiversity Institute in Ethiopia, which works with community seed banks around the country.

Presented by Ruth Alexander.

Produced by Beatrice Pickup.

(Image: a man holding a pile of seeds in two hands. Credit: Getty/BBC)

THU 05:00 BBC News (w172ykr3132n2fk)

The latest five minute news bulletin from BBC World Service.

THU 05:06 Newsday (w172yf8qcfzq1z)

Hurricane Ian leaves 2m people without power in Florida

We go live to Florida where Hurricane Ian has made landfall: 2m people are without power and the state is preparing for a difficult couple of days.

Iranian forces have attacked a Kurdish-Iranian dissident group across the border in Iraq – while Iranian authorities are dealing with widespread protests at home.

In the Philippines we investigate what activists are calling a wave of misinformation aiming to cover up the truth about a dark part of the nation's past.

THU 06:00 BBC News (w172ykr3132n2fk)

The latest five minute news bulletin from BBC World Service.

THU 06:06 Newsday (w172yf8qcfzq1z)

Hurricane Ian devastates communities in Florida

We hear how Hurricane Ian has made landfall in Florida and brought devastation to residents: downing trees, flooding homes and wiping out electricity for more than 2m people – even the roof of a hospital has been blown off in Port Charlotte.

The ambassadors of the US and Albania have denounced the referendums held in areas occupied by Russian forces in Ukraine – both nations have said they'll refuse to recognise any territory the Russians have seized and want to annex.

We talk about how the UK pound is at its lowest level ever – is there anything the Bank of England can do?

THU 07:00 BBC News (w172ykr3132n2fk)

The latest five minute news bulletin from BBC World Service.

THU 07:06 Newsday (w172yf8qcfzq1z)

Heightened tensions in Baltic Sea after apparent sabotage of gas pipelines

Swedish coastguards say they have located another leak in the two gas pipelines running from Russia to Germany that were damaged earlier this week – we ask the former Swedish prime minister, was it sabotage?

A massive storm hitting Florida: Hurricane Ian is bringing severe flooding, high winds and storm surges to the Florida coast – leaving more than 2m households without electricity.

US rapper Coolio has died at the age of 59, best known for his 1995 song 'Gangsta's Paradise', we hear from music journalist David Ma about the Grammy award winner's career.

THU 08:00 BBC News (w172ykr3132n2fk)

The latest five minute news bulletin from BBC World Service.

THU 08:06 The Inquiry (w3ct39tk)

How can Brazil's next president unite the country?

Brazil is voting to elect a new president. On the ballot is the incumbent Jair Bolsonaro and Luiz Inácio Lula da Silva, known almost universally as Lula, a fiery leftist who was Brazil's president from 2002 to 2010.

Bolsonaro is a former army officer with solid conservative views. Lula is very left leaning and in favour of protecting the environment.

Their contrasting policies on issues such as the economy, law and order, family values, and the environment, have polarised the country.

Whoever wins will lead a country with deep divisions.

So this week on The Inquiry we are asking: How can Brazil's next president unite the country?

Presented by David Baker
Produced by Annabel Deas and Louise Clarke-Rowbotham
Researched by Chris Blake
Mixed by Nicky Edwards
The editor is Tara McDermott and the production co-ordinator is Jacqui Johnson

(Image: Towels with images of presidential candidates Lula da Silva and Jair Bolsonaro are displayed in a street stand to be sold in downtown Sao Paulo: Alexandre Schneider/Getty Images)

THU 08:30 BBC News Summary (w172ykr3132n2fk)

The latest two minute news summary from BBC World Service.

THU 08:32 Business Daily (w3ct3128)

Comic Con economics

Comics are a multi-billion dollar industry and comic conventions – or cons – attract thousands of fans, desperate to meet their heroes and splash some cash.

Elizabeth Hotson visits the MCM event in London to find out what's hot and what people are spending their hard-earned money on.

We hear from Joëlle Jones, a comic book writer and illustrator, Jenny Martin, Event Director at MCM Comic Con and Michael Loizou from Brotherhood Games.

Plus tattooist Matt Difa shows off his Star Wars inkings and Vincent Zurzolo, the Chief Operating Officer of Metropolis Collectibles in New York looks back on one of his most memorable comic book sales.

Producer: Elizabeth Hotson

Presenter: Elizabeth Hotson

Picture Description: Comics at Wellcome Trust Superhero exhibition, Picture Credit: Getty Images

THU 08:50 Witness History (w3ct3c1k)

The raising of the Mary Rose

It's 40 years since a wrecked English Tudor warship was brought back to the surface. On 11 October 1982, 60 million people worldwide watched the extraordinary feat live on television – the raising of the 400-year-old Mary Rose – from the seabed off the south coast of England. Susan Hulme spoke to Christopher Dobbs, one of the archaeologists who helped excavate the Mary Rose. This programme was first broadcast in 2017.

(Photo: The Mary Rose is raised above the water by a crane near Portsmouth Harbour, 11 October 1982. Credit: Fox Photos/Hulton Archive/Getty Images)

THU 09:00 BBC News (w172ykr3132n2fk)

The latest five minute news bulletin from BBC World Service.

THU 09:06 Assignment (w3ct3045)

[Repeat of broadcast at 02:32 today]

THU 09:30 BBC News Summary (w172ykr3132n2fk)

The latest two minute news summary from BBC World Service.

THU 09:32 Health Check (w3ct32wz)

[Repeat of broadcast at 20:32 on Wednesday]

THU 10:00 BBC News (w172ykr3132n2fk)

The latest five minute news bulletin from BBC World Service.

THU 10:06 The Forum (w3ct38sy)

The Sun: Myths and magnetism

The sun might not shape the pattern of our daily lives to the extent it did in the past. But understanding its behaviour is a focus of scientific research to grasp how activity on the surface of the sun – such as geomagnetic storms – can affect life on earth. "Space weather" can take out whole power networks, damage satellites and disrupt communication lines – the technology on which so many people rely.

Bridget Kendall and guests examine the sun's impact throughout history, and discuss what we know about its internal structure and magnetic fields.

Claire Raftery is a solar physicist and the Head of Education and Outreach at the National Solar Observatory in Boulder, Colorado; Philip Judge is a senior scientist at the High Altitude Observatory also in Boulder, Colorado. He's written many papers on aspects of solar physics, as well as a book entitled The Sun: A Very Short Introduction; and philosopher Emma Carenini is the author of The Sun: Myths, History and Societies which considers how the sun has shaped philosophy and thought.

Producer: Fiona Clampin

(Photo: Post-Flare Loops Erupt From Sun's Surface. Credit: Nasa/Getty Images)

THU 10:50 Sporting Witness (w3ct36g3)

How I helped bring down Lance Armstrong

It has been 10 years since seven time Tour de France winner, Lance Armstrong, was given a lifetime ban from cycling for doping.

Journalist David Walsh dedicated 12 years of his life trying to prove that Armstrong had cheated his way to victory. The Sunday Times reporter refused to believe Lance Armstrong when he said he didn't take performance enhancing drugs.

He has been telling his story to Matt Pintus.

(Photo: Lance Armstrong winning the 2004 Tour de France. Credit: Getty Images)

THU 11:00 BBC News (w172ykq8lczgswb)

The latest five minute news bulletin from BBC World Service.

THU 11:06 The Newsroom (w172yl7wzrtz4hq)

The world's Newsroom brings you global events as they happen

THU 11:30 BBC News Summary (w172ykr3132p54q)

The latest two minute news summary from BBC World Service.

THU 11:32 The Food Chain (w3ct38nf)

[Repeat of broadcast at 04:32 today]

THU 12:00 BBC News (w172ykq8lczgxm)

The latest five minute news bulletin from BBC World Service.

THU 12:06 Outlook (w3ct34wl)

Uncle Jack Charles, the story of an Indigenous film star

Warning for Aboriginal and Torres Strait Islanders: this programme contains the image, name and voice of someone who has died. His family has given permissions.

Marking the death of Uncle Jack Charles, the grandfather of Indigenous theatre in Australia. His career in films and on stage shaped the industry over decades. He was a passionate activist for Aboriginal rights and representation and spoke openly about his own struggles with drug addiction and stints in prison, even inviting a documentary maker to follow him through his most turbulent times. He said it was something important to be shown. In August 2021 'Uncle Jack' spoke to Outlook's Datshiane Navanayagam in a joyous and candid interview which you can now hear again.

Ila and Coda are co-founders of the UK's first professional trans choir. They are challenging perceptions of traditional gender roles in choirs and creating safe spaces for singers outside the gender binary. They spoke to Outlook's Gaia Caramazza.

Get in touch: outlook@bbc.com

Presenter: Andrea Kennedy

(Photo: Jack Charles at Sydney Town Hall. Credit: Don Arnold/WireImage)

THU 12:50 Witness History (w3ct3c1k)

[Repeat of broadcast at 08:50 today]

THU 13:00 BBC News (w172ykq8lch01cl)

The latest five minute news bulletin from BBC World Service.

THU 13:06 The Newsroom (w172yl7wzrtzczz)

The world's Newsroom brings you global events as they happen

THU 13:30 BBC News Summary (w172ykr3132pdmz)

The latest two minute news summary from BBC World Service.

THU 13:32 Health Check (w3ct32wz)

[Repeat of broadcast at 20:32 on Wednesday]

THU 14:00 BBC News (w172ykq8lch053q)

The latest five minute news bulletin from BBC World Service.

THU 14:06 Newshour (w172yfc5pk82q20)

Russia set to formally annex four regions of Ukraine

Moscow says President Putin will complete the annexation of four Ukrainian territories on Friday, following referendums

deemed a sham by most of the rest of the world. Also on the program, there are reports of fatalities in Florida following Hurricane Ian's landfall Wednesday night, and the rapper Coolio has died. (Photo: Members of an electoral commission count ballots at a polling station in Donetsk. Reuters/Alexander Ermochenko)

THU 15:00 BBC News (w172ykq8lch08vv)

The latest five minute news bulletin from BBC World Service.

THU 15:06 The Inquiry (w3ct39tk)

[Repeat of broadcast at 08:06 today]

THU 15:30 BBC News Summary (w172ykr3132pn47)

The latest two minute news summary from BBC World Service.

THU 15:32 World Business Report (w172yk6fjwvbs4x)

Hurricane Ian makes landfall in the US

Professor Ricardo Torres, who holds a Ph.D. from the University of Havana and has family living in Florida joins us to discuss the impact of Hurricane Ian. We also look at what the storm could mean for the economies of Cuba and Florida with Lera Graeve, founder of Puppy Manor, a local business in Tampa.

Vera Wing-Han Yuen, assistant lecturer of Economics at the University of Hong Kong, takes us through the yuan's movements after China's currency fell to a 14-year low.

We remember the US rapper Coolio, who's died at the age of 59, with Ben Wynter, co-founder of London based talent management company Unstoppable Music Group, and the Power Up Initiative - which pushes anti-black racism in the music industry,

And Denmark announces a "toned down" kit for the World Cup to protest against Qatar's alleged treatment of migrant workers. Phil Buckingham from The Athletic explains what that means for November's tournament and the wider game of football.

(Picture: Street signs are down in the aftermath of Hurricane Ian in Punta Gorda, Florida. Credit: Getty Images)

THU 16:00 BBC News (w172ykq8lch0dlz)

The latest five minute news bulletin from BBC World Service.

THU 16:06 BBC OS (w172yglrgvtfsz1)

Russia to formally annex more of Ukraine

Russia's Vladimir Putin will hold a signing ceremony on Friday to annex four more areas of Ukraine. It follows self-styled referendums in those territories, condemned by Ukraine and the West as a sham. We hear a conversation between people from those regions which Russia has now announced it will absorb into its territory.

We tell you about the start of a trial in The Hague of a man accused of financing the 1994 genocide in Rwanda, and we explain the background to the genocide.

We bring together BBC journalists who have worked on a investigation into gas flaring in Iraq, where companies burn off excess natural gas. They've been looking at the health impact on people who live nearby and the climate impact of the emissions produced.

(Photo: A man casts his ballot at a polling station during a referendum on the joining of the self-proclaimed Donetsk People's Republic (DPR) to Russia, in Donetsk, Ukraine September 27, 2022. REUTERS/Alexander Ermochenko)

THU 17:00 BBC News (w172ykq8lch0jc3)

The latest five minute news bulletin from BBC World Service.

THU 17:06 BBC OS (w172yglrgvtfxq5)

Uganda racing to contain Ebola outbreak

Ebola infections have risen across districts in Uganda, bringing the number of confirmed cases to 24, with five people dying from the disease. Trainee medics battling the outbreak have accused the government of putting their lives at risk; however they called off a strike they had intended to hold in protest. We get the latest developments from our reporter in Uganda, as well as speaking to a trainee medic.

Russia's Vladimir Putin will hold a signing ceremony on Friday to annex four more areas of Ukraine. It follows self-styled referendums in those territories, condemned by Ukraine and the West as a sham. We hear a conversation between people from those regions which Russia has announced it will absorb into its

territory.

And we hear tributes from fans around the world to the US rapper Coolio who has died at the age of 59.

(Photo: A man looks at an Ebola virus disease awareness campaign poster following an outbreak of Ebola in Uganda, in Kampala, Uganda, 28 September 2022. Credit: EPA/Stringer)

THU 18:00 BBC News (w172ykq8lch0n37)

The latest five minute news bulletin from BBC World Service.

THU 18:06 Outlook (w3ct34wl)

[Repeat of broadcast at 12:06 today]

THU 18:50 Witness History (w3ct3c1k)

[Repeat of broadcast at 08:50 today]

THU 19:00 BBC News (w172ykq8lch0rvc)

The latest five minute news bulletin from BBC World Service.

THU 19:06 The Newsroom (w172yl7wzrv03gr)

The world's Newsroom brings you global events as they happen

THU 19:30 BBC News Summary (w172ykr3132q43r)

The latest two minute news summary from BBC World Service.

THU 19:32 Sport Today (w172ygn15898t8)

2022/09/29 GMT

BBC sports correspondents tell the story behind today's top sporting news, with interviews and reports from across the world.

THU 20:00 BBC News (w172ykq8lch0w1h)

The latest five minute news bulletin from BBC World Service.

THU 20:06 Assignment (w3ct3045)

[Repeat of broadcast at 02:32 today]

THU 20:30 BBC News Summary (w172ykr3132q7vw)

The latest two minute news summary from BBC World Service.

THU 20:32 Science In Action (w3ct369l)

The final moments of DART

NASA's latest mission, DART hit the headlines this week after the space agency's satellite successfully collided with a far off asteroid. The mission acts as a demonstration of Earth's first planetary defence system. Jon Amos, one of BBC's Science correspondents, talks Roland through the final moments of the DART satellite. Although the collision was a success, we may have to wait a little longer before we know if the asteroid's trajectory has been altered...

Simone Pirrotta, project manager at the Italian Space Agency, has more to add. His nifty camera system broke away 10 days before DART's collision, ensuring its own survival. This celestial drive by is guaranteed to provide scientific data to get excited about.

Also this week, we visit the China Kadoorie Biobank. Twenty years in the making, it houses a collection of over half a million genetic samples, which might help identify links between our own genetic compositions and illness. Roland Pease visited them in Oxford to find out more.

Finally, a new review describes the use of mercury by ancient Mayans. The metal is famous for its use across a plethora of civilizations throughout history. Andrea Sella from University College London, tells Roland how his favourite element underpins industrialisation across the ages and the globe.

Image: An illustration of the DART spacecraft headed toward its target

Credit: NASA/John Hopkins APL

Presenter: Roland Pease

Producer: Harrison Lewis, Robbie Wojciechowski

THU 21:00 BBC News (w172ykq8lch10bm)

The latest five minute news bulletin from BBC World Service.

THU 21:06 Newshour (w172yfc5pk83k8x)

President Biden says Hurricane Ian could be Florida's deadliest storm

President Biden says Hurricane Ian could be Florida's deadliest storm as a massive rescue effort is underway. Plus a special BBC investigation into the deadly impact of gas flares on the communities living close to Iraq's oil fields; and a veteran Russian opposition figure tells us why Russia's plans to annex more of Ukraine make a nuclear strike even more likely.

(Photo: A man helps a woman next to a damaged boat in Fort Myers. Credit: Reuters)

THU 22:00 BBC News (w172ykq8lch142r)
The latest five minute news bulletin from BBC World Service.

THU 22:06 The Inquiry (w3ct39tk)
[Repeat of broadcast at 08:06 today]

THU 22:30 BBC News Summary (w172ykr3132qhc4)
The latest two minute news summary from BBC World Service.

THU 22:32 The Food Chain (w3ct38nf)
[Repeat of broadcast at 04:32 today]

THU 23:00 BBC News (w172ykq8lch17tw)
The latest five minute news bulletin from BBC World Service.

THU 23:06 The Newsroom (w172yrx1495r7wg)
The world's Newsroom brings you global events as they happen

THU 23:20 Sports News (w172ygh8xmgpbw5)
BBC Sport brings you all the latest stories and results from around the world.

THU 23:30 BBC News Summary (w172ykr3132qm38)
The latest two minute news summary from BBC World Service.

THU 23:32 World Business Report (w172yk77zmg21k7)
First broadcast 29/09/2022 22:32 GMT

The latest business and finance news from around the world, on the BBC.

FRIDAY 30 SEPTEMBER 2022

FRI 00:00 BBC News (w172ykq8lch1cd0)
The latest five minute news bulletin from BBC World Service.

FRI 00:06 The Forum (w3ct38sy)
[Repeat of broadcast at 10:06 on Thursday]

FRI 00:50 Sporting Witness (w3ct36g3)
[Repeat of broadcast at 10:50 on Thursday]

FRI 01:00 BBC News (w172ykq8lch1hb4)
The latest five minute news bulletin from BBC World Service.

FRI 01:06 Business Matters (w172yq1m4x1d7h)
Global business news, with live guests and contributions from Asia and the USA.

FRI 02:00 BBC News (w172ykq8lch1m28)
The latest five minute news bulletin from BBC World Service.

FRI 02:06 The Newsroom (w172yl7wzrv0ypn)
The world's Newsroom brings you global events as they happen

FRI 02:30 BBC News Summary (w172ykr3132qzbn)
The latest two minute news summary from BBC World Service.

FRI 02:32 World Football (w3ct3hqpn)
Carlos Queiroz and Union Berlin

Iran coach Carlos Queiroz looks ahead to the World Cup and we hear from Union Berlin goalkeeper Frederik Rønnow.

Picture on website: Carlos Queiroz the head coach of Iran during the match between Iran and Uruguay in Austria. (Robbie Jay Barratt - AMA/Getty Images)

FRI 03:00 BBC News (w172ykq8lch1qtd)
The latest five minute news bulletin from BBC World Service.

FRI 03:06 Outlook (w3ct34wl)
[Repeat of broadcast at 12:06 on Thursday]

FRI 03:50 Witness History (w3ct3c1k)
[Repeat of broadcast at 08:50 on Thursday]

FRI 04:00 BBC News (w172ykq8lch1vkj)
The latest five minute news bulletin from BBC World Service.

FRI 04:06 The Newsroom (w172yl7wzrv165x)
The world's Newsroom brings you global events as they happen

FRI 04:30 BBC News Summary (w172ykr3132r6tx)
The latest two minute news summary from BBC World Service.

FRI 04:32 Heart and Soul (w3ct423v)
God and hip-hop

Christianity and Hip Hop have a long and complex relationship. From Kanye's Jesus Walks to the development of Christian Hip Hop, artists rapping about their faith has caused controversy in a genre that's known for its violent oversexualized lyrics.

But who's rapping about God right now and is anyone claiming the title of Christian rapper?

Swarzy Macaly, a BBC 1Xtra presenter, is a Christian who works within the mainstream music world, playing secular music. She loves it when she hears people share their faith in their music, like the pioneers of Christian Hip Hop like Lecrae and Guvna B did.

But in recent years, artists beyond the Christian Hip Hop world have been releasing 'gospel' filled music like Kanye West and Stormzy, blurring the lines between religious and secular music. Swarzy wants to know if that's having an impact on the music Christian artists make, and if they feel pressure to dilute explicit faith messages in their songs to reach a wider audience. Is the label 'Christian rapper' too restrictive for artists who want their music to go further than the church?

To find out more, Swarzy meets Still Shadey and Jo Joey, young Christian rappers making popular drill music with a religious message; Deyah and Happi who've moved beyond the 'Christian' artist label, and Limoblaze the artist behind viral TikTok hit Jireh, to hear what it's like producing music with a Christian message, and how receptive the music industry is to the growing trend of faith filled music.

Produced by Miriam Williamson for the BBC World Service

(Image Credit: Chinyere Anosike)

FRI 05:00 BBC News (w172ykq8lch1z9n)
The latest five minute news bulletin from BBC World Service.

FRI 05:06 Newsday (w172yf8qccg2zl2)
Russia prepares to merge partially conquered Ukrainian borderlands

Russia is preparing to formally announce the annexation of four parts of Ukraine - we speak to a leading Russian analyst to get a sense of what Vladimir Putin is thinking.

In the US, Hurricane Ian has devastated large parts of Florida with fears that many people may have lost their lives - we hear from our correspondent who has been to one of the worst affected areas

And can listening to background noise help you relax - and prove particularly useful for those diagnosed with Attention deficit hyperactivity disorder (ADHD)?

FRI 06:00 BBC News (w172ykq8lch231s)
The latest five minute news bulletin from BBC World Service.

FRI 06:06 Newsday (w172yf8qccg2qq6)
Russia's invasion of Ukraine moves into new phase

Russia's President, Vladimir Putin in a few hours time plans to annex four regions in Ukraine where discredited referendums have just been held - our Russia Editor finds out not everyone in the homeland is behind what the Kremlin is proposing and go live to Kyiv for reaction.

Here in the UK after a week of turmoil and with the lowest rate of the pound to the dollar in history there are fears around the housing market.

Plus we hear why South African comedian, Trevor Noah, is standing down as host of one of the most popular US topical programmes - 'The Daily Show' - essential viewing for millions.

FRI 07:00 BBC News (w172ykq8lch26sx)
The latest five minute news bulletin from BBC World Service.

FRI 07:06 Newsday (w172yf8qccg2vgb)
US says it will not recognise Russian annexation of Ukrainian territory

Russia is preparing to formally announce the annexation of four parts of Ukraine - it should happen in the next few hours - so what will it change?

We hear how young people in the United Kingdom are facing a cost-of-renting crisis following the new government's unfunded tax cuts announcement.

In the US, Hurricane Ian has devastated large parts of Florida where search and rescue efforts are stepping up, but there are fears that many people may have lost their lives.

FRI 08:00 BBC News (w172ykq8lch2bk1)
The latest five minute news bulletin from BBC World Service.

FRI 08:06 HARDtalk (w3ct32gf)
Masih Alinejad: A revolution for Iranian women?

Stephen Sackur speaks to exiled Iranian women's rights activist Masih Alinejad. The death in police custody of a young woman arrested for showing strands of her hair sparked protests across Iran, led by women, backed by many men. Could repression of women be the regime's undoing?

FRI 08:30 BBC News Summary (w172ykr3132rptf)
The latest two minute news summary from BBC World Service.

FRI 08:32 Business Daily (w3ct30sf)
Business Daily meets: Will Butler-Adams

Brompton makes 100,000 foldable bikes in London every year and exports about 75% of them. Chief executive Will Butler-Adams tells us how he grew the business around the world. He also explains how he's navigating inflation, and the prospect of recession. Plus, why he believes his mission is not simply to sell more bikes, but to change how people live in cities around the globe.

Producer/presenter: James Graham
Photo: Will Butler-Adams on a Brompton bike at his London factory. Credit: Brompton.

FRI 08:50 Witness History (w3ct3bx1)
Dassler brothers' rift

In 1948, brothers Adi and Rudi Dassler who lived in a small German town fell out. They went on to create globally renowned sportswear firms Adidas and Puma.

Adi Dassler played a crucial role in West Germany's victory in the 1954 World Cup with his game-changing footwear.

Reena Stanton-Sharma hears from Adi Dassler's daughter Sigi Dassler, who remembers her dad's obsession with sports shoes and talks about her fondness for rappers Run-DMC who paid tribute to her dad's shoes in their 1986 song My Adidas.

(Photo: Adi Dassler. Credit: Brauner/ullstein bild via Getty Images)

FRI 09:00 BBC News (w172ykq8lch2g95)
The latest five minute news bulletin from BBC World Service.

FRI 09:06 Tech Tent (w3ct375p)
Why are there still so few women in tech?

The boss of Apple, Tim Cook, tells the BBC there are no good excuses for the persistent gender imbalance in tech. We ask women starting their careers in the sector what needs to change. How the EU is making it easier to sue when AI goes wrong. And our Silicon Valley reporter James Clayton takes a ride around the streets of San Francisco in a self-driving taxi.

FRI 09:30 BBC News Summary (w172ykr3132rtkk)

The latest two minute news summary from BBC World Service.

FRI 09:32 Science In Action (w3ct369l)
[Repeat of broadcast at 20:32 on Thursday]

FRI 10:00 BBC News (w172ykq8lch2l19)
The latest five minute news bulletin from BBC World Service.

FRI 10:06 The Real Story (w3ct33ph)
What should we make of Russia's nuclear threats?

The US has warned Russia of “catastrophic consequences” if it uses nuclear weapons in its war against Ukraine. The statement comes after Russian President Vladimir Putin insisted he’d use “all the means at our disposal to protect Russia and our people”, adding this is “not a bluff”. The threat of escalation feels more acute after Moscow reported four self-styled referendums held in Russian-held regions of Ukraine showed near universal public support for joining Russia. So, if Ukraine continues to try to wrest back full control of the regions, is it possible the Kremlin could respond with the use of small ‘tactical’ nuclear weapons?

Ritula Shah is joined by a panel of expert guests.
Producers: Paul Schuster and Ellen Otzen.

FRI 11:00 BBC News (w172ykq8lch2psf)
The latest five minute news bulletin from BBC World Service.

FRI 11:06 The Newsroom (w172yl7wzrv21dt)
The world's Newsroom brings you global events as they happen

FRI 11:30 BBC News Summary (w172ykr3132s21t)
The latest two minute news summary from BBC World Service.

FRI 11:32 World Football (w3ct3hqn)
[Repeat of broadcast at 02:32 today]

FRI 12:00 BBC News (w172ykq8lch2tjk)
The latest five minute news bulletin from BBC World Service.

FRI 12:06 The Fifth Floor (w3ct37zs)
Russia's call up: What we know

Queues at borders, cancer patients mistakenly drafted, protests in the North Caucasus - BBC Russian's Famil Ismailov shares his insights into how Russia's partial military call up is going on the ground.

Burundian drum outrage
Video footage of a woman playing a Burundian drum at a music festival in Uganda caused the Burundian Ministry of Culture to call it “misuse of the Burundian sacred drum”. Samba Cyuzuzo from BBC Great Lakes explains the importance of, and laws around, Burundi's sacred drum.

Venezuelans in Iceland
BBC Mundo's Jorge Perez visited Iceland to meet recent migrants and refugees from Venezuela, to discover how they have made the transition from the tropics to the Arctic Circle.

Reporting the cost of living crisis globally
Restaurants switching from quality dining to cheap takeaways; pets abandoned on the streets; and 'bachelors' and students cutting meals to fund their studies: stories from BBC Chinese, Arabic and Bengali revealing the cost of living crisis around the world.

UK's Indonesian migrant workers
This year the UK's farmers employed seasonal fruit pickers from Indonesia for the first time. BBC Indonesian's Endang Nurdin spoke to some about their experiences, and discovered the questionable fees being charged to them back home.

(Photo: Russian soldiers stand on Red Square in central Moscow. Credit: Alexander Nemenov/Getty images)

FRI 12:50 Witness History (w3ct3bx1)
[Repeat of broadcast at 08:50 today]

FRI 13:00 BBC News (w172ykq8lch2y8p)
The latest five minute news bulletin from BBC World Service.

FRI 13:06 The Newsroom (w172yl7wzrv28x2)
The world's Newsroom brings you global events as they happen

FRI 13:30 BBC News Summary (w172ykr3132s9k2)
The latest two minute news summary from BBC World Service.

FRI 13:32 Science In Action (w3ct369l)
[Repeat of broadcast at 20:32 on Thursday]

FRI 14:00 BBC News (w172ykq8lch320t)
The latest five minute news bulletin from BBC World Service.

FRI 14:06 Newshour (w172yfc5pk85lz3)
Putin announces annexation of parts of Ukraine

President Putin has announced at the Kremlin that occupied parts of four regions of Ukraine - Luhansk, Donetsk, Kherson and Zaporizhzhia - are now parts of Russia. Ukraine, its allies, and the United Nations Secretary General have all denounced the claim as an escalation and illegal under international law. We hear from a Russian MP and a Ukrainian MP, and from an unhappy resident of occupied Kherson. And we report from Zaporizhzhia, where at least 25 people were killed after a humanitarian convoy was shelled by Russian forces.

Also in the programme: we hear from the Afghan capital Kabul, where a suicide bomber has killed at least nineteen people, most of them female students, at an educational centre in the Hazara area of the city.

(Image: Russian President Vladimir Putin delivers a speech during a ceremony to declare the annexation of the Russian-controlled territories of four of Ukraine's regions, Moscow, Russia, September 30, 2022. Credit: Sputnik/Grigory Sysoyev/Kremlin via Reuters)

FRI 15:00 BBC News (w172ykq8lch35ry)
The latest five minute news bulletin from BBC World Service.

FRI 15:06 HARDtalk (w3ct32gf)
[Repeat of broadcast at 08:06 today]

FRI 15:30 BBC News Summary (w172ykr3132sk1b)
The latest two minute news summary from BBC World Service.

FRI 15:32 World Business Report (w172yk34rztfgbv)
Billions of dollars in damage as Pakistan battles flooding

The former head of climate change at the United Nations, Christiana Figueres, tells us it's time Pakistan received climate reparations, as the country tries to deal with the economic crisis caused by flooding. We look at how that could work.

We hear more about a BBC News Arabic investigation which has found potentially deadly levels of toxic air pollution from oil fields in Iraq where BP is the lead contractor - the British oil company says it's "extremely concerned" by the findings.

Alex Trescott, a dual US-Russian citizen living in Moscow, explains the dilemma he faces after the US Embassy urged all US citizens to leave Russia immediately, earlier this week.

And we're joined from Cape Town by the CEO of Mekaish Group, Barry Berman, to discuss how personalised number plates have become big business in South Africa.

(Picture: Internally displaced flood-affected people take refuge in a camp at Kotri in Jamshoro district of Sindh province, Pakistan. Credit: Getty Images)

FRI 16:00 BBC News (w172ykq8lch39j2)
The latest five minute news bulletin from BBC World Service.

FRI 16:06 BBC OS (w172yg1rgvtjpw4)
Russia annexes four Ukrainian regions

President Putin has signed off the annexation of four regions of Ukraine in a land grab that has been internationally condemned as illegal. We hear from our Russian and Ukrainian reporters, and speak to people across Russia and Ukraine to hear how they are feeling about it.

A suicide attack at a tuition center in the Afghan capital Kabul has killed at least 19 people, most of them female students. Many of those in the area are minority Hazaras, who have often been targeted by Islamic State militants. We speak to Hazara's to hear what life is like for them in Afghanistan.

And, as the Brazil presidential election approaches, we speak to voters across the country to hear about the issues that matter to them.

(Photo: President Putin at the Kremlin where he signed documents to annex occupied parts of four regions of Ukraine. Credit: BBC)

FRI 17:00 BBC News (w172ykq8lch3f86)
The latest five minute news bulletin from BBC World Service.

FRI 17:06 BBC OS (w172yg1rgvtjtm8)
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(Photo: President Vladimir Putin made a speech to Russian officials and military leaders at the Kremlin where he signed documents to annex occupied parts of four regions of Ukraine. Credit Reuters)

FRI 18:00 BBC News (w172ykq8lch3k0b)
The latest five minute news bulletin from BBC World Service.

FRI 18:06 The Fifth Floor (w3ct37zs)
[Repeat of broadcast at 12:06 today]

FRI 18:50 Witness History (w3ct3bx1)
[Repeat of broadcast at 08:50 today]

FRI 19:00 BBC News (w172ykq8lch3nrg)
The latest five minute news bulletin from BBC World Service.

FRI 19:06 The Newsroom (w172yl7wzrv30cv)
The world's Newsroom brings you global events as they happen

FRI 19:30 BBC News Summary (w172ykr3132t10v)
The latest two minute news summary from BBC World Service.

FRI 19:32 Sport Today (w172ygn158d5qc)
2022/09/30 GMT

BBC sports correspondents tell the story behind today's top sporting news, with interviews and reports from across the world.

FRI 20:00 BBC News (w172ykq8lch3shl)
The latest five minute news bulletin from BBC World Service.

FRI 20:06 Tech Tent (w3ct375p)
[Repeat of broadcast at 09:06 today]

FRI 20:30 BBC News Summary (w172ykr3132t4rz)
The latest two minute news summary from BBC World Service.

FRI 20:32 CrowdScience (w3ct3j7g)
Why are fish fish-shaped?

There are over 30,000 species of fish – that's more than all the species of amphibians, reptiles, birds and mammals combined. But despite the sheer diversity of life on Earth, we still tend to think of all fish in roughly the same way: with an oblong scaley body, a tail and pairs of fins. Why? And is that really the case?

Crowdscience listener and pet fish-owner Lauria asked us to dive into the depths of this aquatic world to investigate why fish are shaped the way they are. Do we just think that fish are all the same because we are land-dwelling?

Presenter Anand Jagatia makes a splash exploring the fascinating story of fish evolution, how they came to be such a different shape from mammals and even how some mammals have evolved to be more like fish.

Produced by Hannah Fisher and presented by Anand Jagatia for the BBC World Service.

Contributors:

Professor Frank Fish – Professor of Biology, West Chester University
Dr Carla McCabe – Lecturer in Sport & Exercise Biomechanics
Dr Andrew Knapp – postdoctoral researcher at the Natural History Museum, London

Image: School of fish in shape of fish. Credit: Getty Images

FRI 21:00 BBC News (w172ykq8lch3x7q)

The latest five minute news bulletin from BBC World Service.

FRI 21:06 Newshour (w172yfc5pk86g60)

Interviews, news and analysis of the day's global events.

FRI 22:00 BBC News (w172ykq8lch40zv)

The latest five minute news bulletin from BBC World Service.

FRI 22:06 HARDtalk (w3ct32gf)

[Repeat of broadcast at 08:06 today]

FRI 22:30 BBC News Summary (w172ykr3132td87)

The latest two minute news summary from BBC World Service.

FRI 22:32 World Football (w3ct3hqn)

[Repeat of broadcast at 02:32 today]

FRI 23:00 BBC News (w172ykq8lch44qz)

The latest five minute news bulletin from BBC World Service.

FRI 23:06 The Newsroom (w172yrx1495v4sk)

The world's Newsroom brings you global events as they happen

FRI 23:20 Sports News (w172ygh8xmgs7s8)

BBC Sport brings you all the latest stories and results from around the world.

FRI 23:30 BBC News Summary (w172ykr3132tj0c)

The latest two minute news summary from BBC World Service.

FRI 23:32 World Business Report (w172yk3z6q1dqr5)

First broadcast 30/09/2022 22:32 GMT

The latest business and finance news from around the world, on the BBC.