

World Service Listings for 22 – 28 July 2023		Page 1 of 16
<p>SATURDAY 22 JULY 2023</p> <p>SAT 00:00 BBC News (w172z2qxfndqfh) The latest five minute news bulletin from BBC World Service.</p> <p>SAT 00:06 The Real Story (w3ct4q6y) Surviving extreme heat</p> <p>Heatwaves are growing in frequency and intensity around the world due to climate change. Extreme heat is now gripping three continents - Europe, the US and Asia - and there is more to come. Temperatures are breaking records, driving wildfires and prompting serious health warnings and evacuations.</p> <p>Europe may see its hottest week ever. Islands off the South of Italy - Sicily and Sardinia - recorded temperatures of 48 degrees Celsius according to the European Space Agency and at least 2,000 people have been evacuated due to wildfires on the Spanish island of La Palma.</p> <p>In the US, a third of Americans are under extreme heat advisories.</p> <p>Japan has issued heatstroke warnings for millions. Meanwhile South Korea's president has vowed to "completely overhaul" the country's approach to extreme weather from climate change as at least 40 people die from flooding and landslides.</p> <p>So, what does extreme heat do to our bodies? How can countries and people adapt now - and in the future - to better deal with a hotter world? And are governments doing enough to deal with the effects of global warming and, if not, what more needs to be done?</p> <p>Shaun Ley is joined by:</p> <p>Dr Chandni Singh, senior researcher at the Indian Institute for Human Settlements and the lead author for Asia in the latest UN Intergovernmental Panel on Climate Change report</p> <p>Jeff Goodell, journalist and author of 'The Heat Will Kill You First'</p> <p>Dr Eleni Myrivili, Global Chief Heat Officer to UN Habitat and senior advisor for resilience and sustainability to the city authorities in Athens, the capital of Greece</p> <p>Also featuring:</p> <p>Dr Sharmistha Sarangi, an Internal Medicine Specialist in India</p> <p>Photo: A child uses a fan as she and her mother wait at the entrance to the Sagrada Familia basilica in Barcelona, Spain, July 18, 2023 Credit: REUTERS/Nacho Doce</p> <p>Produced by Pandita Lorenz and Rumella Desgupta</p> <p>SAT 01:00 BBC News (w172z2qxfndv5m) The latest five minute news bulletin from BBC World Service.</p> <p>SAT 01:06 Business Matters (w172y2rmxz2qcky) How extreme heat in the US is affecting business</p> <p>Businesses in South-West of the United States explain how the weather is impacting them.</p> <p>India and Sri Lanka have announced that they will carry out feasibility studies on laying an oil pipeline across the narrow sea strait that divides them.</p> <p>Taylor Swift is the latest big name to take her international tour to Singapore but not Hong Kong.</p> <p>And, we discuss Burberry, the 170 year old high-fashion brand built on its British principles.</p> <p>(A sign warns of extreme heat danger on Death Valley National Park on July 15, 2023, in California. Picture Credit: Getty Images)</p> <p>SAT 02:00 BBC News (w172z2qxfndyxr) The latest five minute news bulletin from BBC World Service.</p> <p>SAT 02:06 The Newsroom (w172z2tf6xdz8ky) The world's Newsroom brings you global events as they happen</p> <p>SAT 02:30 BBC News Summary (w172z2rqwd13b64) The latest two minute news summary from BBC World Service.</p> <p>SAT 02:32 Stumped (w3ct4tkl) Major League Cricket: Will it break America?</p>	<p>We're heading to America to meet the co-owner of a Major League Cricket franchise. Anand Rajaraman is an entrepreneur who has sold businesses to Amazon and Walmart, as well as being an early investor in Facebook. His latest start-up is the San Francisco Unicorns and he aims to make cricket a mainstream American sport. The first question is: Why has he named his team after a mythical creature?</p> <p>Plus, Alison Mitchell, Jim Maxwell and Charu Sharma are joined by England fast-bowler Kate Cross following the conclusion of a thrilling Women's Ashes. After losing the first Test and T20 of the multi-format series England looked down and out, but managed to rally and draw the series. Unfortunately for them, Australia retained the Women's Ashes as they were the holders. We get Kate's thoughts on her side's performances and whether the structure of the series needs to be reviewed.</p> <p>Image: Ali Khan and Nosthush Kenjige of USA make their way off following the ICC Men's Cricket World Cup Qualifier Zimbabwe 2023 9th and 10th Playoff match between USA and UAE at Takashinga Cricket Club on July 06, 2023 in Harare, Zimbabwe. (Photo by Alex Davidson-ICC/ICC via Getty Images)</p> <p>SAT 03:00 BBC News (w172z2qxfnff2nw) The latest five minute news bulletin from BBC World Service.</p> <p>SAT 03:06 The Fifth Floor (w3ct4v06) Stories from Sudan Lifeline radio</p> <p>It's three months since the beginning of the conflict in Sudan between the army and the Rapid Support Forces militia, and since the launch of BBC Arabic's Sudan Lifeline radio service. We hear from Mays Baki in London and Zeinab Dabaa in Cairo about the scope of their work and stories they have been covering, from the barber offering free haircuts in Khartoum to the tragic killing of the governor of West Darfur.</p> <p>Eritrea's cycling star Biniam Girmay Biniam Girmay is attracting world attention as the only black African cyclist competing in this year's Tour de France. He's seen as one of the finest talents in the sport, and is a hero at home and across Africa. Fellow Eritrean Habtom Weldeyowhannes from BBC Tigrinya has been following his rise to fame.</p> <p>The Taliban closes beauty salons in Afghanistan Following the Taliban decision to close all hair and beauty salons in Afghanistan, Shekiba Habib of BBC Pashto and Aaliya Farzan of BBC Dari discuss this latest restriction in the lives of women, and share memories of Afghan beauty.</p> <p>(Photo: Sudanese man listening to radio. Credit: Ebrahim Hamid/AFP/Getty Images)</p> <p>SAT 03:50 Witness History (w3ct4x7l) The US singer who became the Soviet Union's Red Elvis</p> <p>In 1966, at the height of the Cold War, American singer Dean Reed became the first western rock and roll star to tour the Soviet Union.</p> <p>His visit was such a success that over the next two decades Dean became known as 'Red Elvis'.</p> <p>His concerts behind the Iron Curtain were sell-outs and he was mobbed by fans.</p> <p>But when he wanted to return home to the United States, the reaction he faced was very different, as Dean's daughter Ramona told Jane Wilkinson.</p> <p>(Photo: Dean Reed in East Berlin, 1976. Credit: Getty Images)</p> <p>SAT 04:00 BBC News (w172z2qxfnff6f0) The latest five minute news bulletin from BBC World Service.</p> <p>SAT 04:06 The Real Story (w3ct4q6y) [Repeat of broadcast at 00:06 today]</p> <p>SAT 05:00 BBC News (w172z2qxfnffb54) The latest five minute news bulletin from BBC World Service.</p> <p>SAT 05:06 The Newsroom (w172z2tf6xdzmtb) The world's Newsroom brings you global events as they happen</p> <p>SAT 05:30 BBC News Summary (w172z2rqwd13pfj) The latest two minute news summary from BBC World Service.</p> <p>SAT 05:32 The Lazarus Heist (w3ct5m2t)</p>	<p>S2.3 Money Mules</p> <p>A police investigation in India finds fake film shoots, and a sophisticated money mule network is behind the raids on hundreds of ATMs which led to the theft nearly \$14m. Meanwhile, innocent people's bank accounts start to mysteriously fill up with money - what should they do?</p> <p>#LazarusHeist</p> <p>Listen online at bbcworldservice.com/lazarusheist</p> <p>SAT 05:50 More or Less (w3ct5b6m) Ukraine war: A new way of calculating Russian deaths</p> <p>Official information on the numbers of dead and injured in the Ukraine war has been in short supply. Little has come from either the Ukrainian or Russian sides, with estimates from western governments and intelligence agencies filling the information void. But some Russian journalists have been documenting war deaths and have come up with a new way of estimating fatalities using probate records. With contributions from David Frenkel, reporter at Mediazona and the BBC's Russian Service correspondent Olga Ivshina.</p> <p>Presenter: Ben Carter Producer: Jon Bithrey Editor: Richard Vadon Production Coordinator: Brenda Brown Sound Engineer: James Beard</p> <p>(Soldier stands guard at a funeral for 60 Russian armed forces in Luhansk Ukraine, May 2023. Credit: Alexander Ermochenko/BBC images)</p> <p>SAT 06:00 BBC News (w172z2qxfnfffx8) The latest five minute news bulletin from BBC World Service.</p> <p>SAT 06:06 Weekend (w172z37b175hp4w) Global temperature records smashed</p> <p>Temperature records have been shattered this year as the world has experienced some of the hottest days ever recorded. Scientists are warning that the speed and extent of these extreme weather events are unprecedented.</p> <p>Also on the programme: The senior British MP in hot water over a video some deemed to be supportive of the Taliban; and the first original African animation series is released on Netflix.</p> <p>Joining Audrey Brown in the studio to discuss all this and more are Professor Colleen Graffy, law professor at Pepperdine Caruso Law School in Malibu, California and a former Deputy US Assistant Secretary of State, and Tom Nuttall, a senior digital editor at the Economist.</p> <p>(IMAGE: A firefighting helicopter during wildfires in Mandra, Greece, July 18, 2023. CREDIT: REUTERS/Aikis Konstantinidis TPX)</p> <p>SAT 07:00 BBC News (w172z2qxfnffkd) The latest five minute news bulletin from BBC World Service.</p> <p>SAT 07:06 Weekend (w172z37b175hsx0) US appoints first woman to lead the navy</p> <p>President Biden has nominated the first woman to lead the US Navy, but Admiral Lisa Franchetti's appointment, along with that of 200 others, is being held up by a Republican senator.</p> <p>Also on the programme: the ethnic violence plunging the Indian state of Manipur into a state of near civil war; and a look ahead to Spain's elections on Sunday, where the incumbent centre-left party is expected to take a bruising.</p> <p>Joining Audrey Brown to discuss all this and more are Professor Colleen Graffy, law professor at Pepperdine Caruso Law School in Malibu, California and a former US Deputy Assistant Secretary of State, and Tom Nuttall, a senior digital editor at the Economist.</p> <p>(IMAGE: The U.S. Navy destroyer USS Porter CREDIT: U.S. Navy/Royal Navy Photographer Dan Rosenbaum/Handout via REUTERS)</p> <p>SAT 08:00 BBC News (w172z2qxfnffpdj) The latest five minute news bulletin from BBC World Service.</p> <p>SAT 08:06 Weekend (w172z37b175hxn4) Russia-Ukraine grain deal collapses</p> <p>Senior UN officials have warned that Russia's decision not to</p>
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renew the Black Sea grain deal could have dire consequences for the world's most vulnerable. Martin Griffiths, the UN's humanitarian chief, has warned that many may die as a result of Russia's decision.

Also on the programme: turmoil in one of America's most storied political families as Bobby Kennedy's son, Robert Kennedy Jr., refers to conspiracy theories as part of his bid to win the Democratic party's presidential nomination; and remembering Tony Bennett, the American jazz singer who has died at the age of 96.

Joining Audrey Brown to discuss all this and more are Professor Colleen Graffy, law professor at Pepperdine Caruso Law School in Malibu, California and a former US Deputy Assistant Secretary of State, and Tom Nuttall, a senior digital editor at the Economist.

(IMAGE: Farmers drop grain from a combined harvester during a harvest near Kyiv CREDIT: SERGEY DOLZHENKO/EPA-EFE/REX/Shutterstock)

SAT 09:00 BBC News (w172z2qxfnf14n)

The latest five minute news bulletin from BBC World Service.

SAT 09:06 BBC OS Conversations (w3ct5b21)

Surviving a heatwave

Millions of people around the world have been living under heat advisories due to record hot temperatures. The exceptional heat is being felt across Europe, the US, North Africa, the Middle East and Asia.

Host James Reynolds hears from three farmers in South Africa, Nigeria and the UK about how they are having to adapt their work and methods due to the extreme conditions.

"When it comes to reseedling we're looking for deeper rooting grasses that can get down further to pick up moisture in these dry periods," says Luke in the UK. "We're also trying to put in cover crops and nitrogen fixing to encourage fertility within the soil and putting on more things like muck, which builds up that compost within the soil layer allowing it keep in more moisture and do better."

The high temperatures have also prompted a warning about the increased risk to life and general human health. We hear from three doctors in India, France and Australia about the warning signs of heatstroke and the cases they are having to treat due to exposure to the sun.

Meanwhile, wildfires have been burning in several countries, including Canada where the spreading smoke continues to impact air quality into the United States. We reunite two firefighters in the US, who we spoke to a year ago, and hear their thoughts on the latest emergency situation.

A co-production between the BBC OS team and Boffin Media.

(Photo: Firefighter Whitney Lindsay in the US. Credit: Whitney Lindsay)

SAT 09:30 BBC News Summary (w172z2rqwd145f1)

The latest two minute news summary from BBC World Service.

SAT 09:32 Pick of the World (w3ct5b8w)

In the saddle with Africa's new cycling hero

We follow the fortunes of Eritrean cycling star Biniam Girmay. Plus, a clothing conundrum in Bangladesh, a giraffe road trip - and why do we get vertigo?

SAT 09:50 Over to You (w3ct4rpj)

Understanding a fall in BBC World Service's audience

Last week saw the publication of the BBC's annual report, which includes the World Service. The World Service Audience is down 12% but we'll be looking into its finer details and asking what it means for you the listener. Do overall audience figures affect the kind of programmes being made? The boss of BBC World Service English, Jon Zilkha, tells us if that will affect the kind of programmes you hear.

Plus, listeners say their farewells to a stalwart of World Service news, Razia Iqbal, as she leaves the BBC after 30 years.

Presenter: Rajan Datar

Producer: Howard Shannon.

A Whistledown production for BBC World Service

SAT 10:00 BBC News (w172z2qxfnf14n)

The latest five minute news bulletin from BBC World Service.

SAT 10:06 Sportshour (w3ct4s99)

The World Cup finals finally arrives

We meet some of the character, on and off the field, as the Women's World Cup finally gets underway.

What does it take to win a stage of the Tour de France, and could anyone do it?! I think we all know the answer to that, but it hasn't stopped author James Witts. James' new book "Riding with the Rocketmen" is all about his attempt to ride a single stage of the tour, despite being "45 years old with fatty deposits" (his words not ours) So did James complete his challenge, and what did he learn about what athletes have to go through to win that yellow jersey.

Photo: USA lift the trophy after victory in the 2019 FIFA Women's World Cup (Credit: Richard Heathcote/Getty Images)

SAT 11:00 BBC News (w172z2qxfnf1mx)

The latest five minute news bulletin from BBC World Service.

SAT 11:06 The Newsroom (w172z2tf6xf0c93)

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

SAT 11:30 BBC News Summary (w172z2rqwd14dx9)

The latest two minute news summary from BBC World Service.

SAT 11:32 Health Check (w3ct4pd6)

A new era for Alzheimer's drugs?

Just months after the 'momentous' announcement of the first drug shown to slow the effects of Alzheimer's disease, the results of a global trial into another have been published. The antibody medicine donanemab helped people in the early stages of Alzheimer's by slowing the pace of the brain's decline by about a third. Dr Graham Easton joins Claudia Hammond to look at what another 'breakthrough' means in practice.

They also look at new evidence from the USA that giving hearing aids to older people at risk from dementia could be another way to slow cognitive decline in some people.

While caring for women in childbirth, midwives are expected to be compassionate. Claudia hears from Dr Halima Musa Abdul, Senior Lecturer in Nursing Science at Ahmadu Bello University in Nigeria, and to Dr Kaveri Mayra, who trained in India and is now a researcher at the University of British Columbia. They say that particularly in lower and middle income countries, midwives aren't being shown enough compassion at work themselves.

And we hear from Germany where a portable brain scanner could provide a solution for people in hard-to-reach health clinics.

Image Credit: Andrew Brookes

Presenter: Claudia Hammond

Producer: Clare Salisbury & Dan Welsh

SAT 12:00 BBC News (w172z2qxfnf5d1)

The latest five minute news bulletin from BBC World Service.

SAT 12:06 The Forum (w3ct4vc2)

The evolution of teenagers

In some ways the 21st century is a very unusual time when it comes to adolescence - a study in the US found that teenagers smoke less, drink less and have less sex than the previous generation. And worldwide young people are coming of age in a digital era, with the dangers and opportunities that represents. Our expectations of teenagers vary hugely depending on the social, historical and cultural context. Paleoanthropologist Ella Al-Shamahi takes us through the big evolutionary questions about adolescence: Why do humans go through this developmental stage? What's the point of all that teenage angst? And how come every generation stubbornly repeats the same mistakes?

She is joined by a panel of experts:

Laurence Steinberg is one of the world's leading experts on adolescence. He is Professor of Psychology and Neuroscience at Temple University in Philadelphia, USA. His latest book is called, 'You and Your Adult Child'.

Emily Emmott is a lecturer in biological anthropology at University College London. She's currently researching the implications of the social environment around us during our teenage years.

Jon Savage is a British writer and music journalist, best known for his history of the Sex Pistols and punk music. He's the

author of 'Teenage: The Creation of Youth Culture'.

Brenna Hassett is a bioarchaeologist at University College London and the author of 'Growing Up Human: The Evolution of Childhood'.

Presented by Ella Al-Shamahi

Produced by Jo Impey

Image: Teenagers dance the twist around a radio cassette recorder in a street in the Harajuku district of Shibuya, Tokyo, Japan, 1978 (Photo by Keystone/Hulton Archive/Getty Images)

SAT 13:00 BBC News (w172z2qxfnf945)

The latest five minute news bulletin from BBC World Service.

SAT 13:06 Newshour (w172z09hyzmbycl)

How does extreme heat affect workers?

Scientists say they're alarmed at the unprecedented rate at which climate records are being broken; we'll look at the economic impact of sustained high temperatures. Also, we'll hear from inside Cambodia, where the self-styled 'strongman' prime minister Hun Sen is guaranteed to win Sunday's election. And Malaysia has cancelled a music festival after the singer of the British group, The 1975, kissed a male bandmate on stage.

(Photo: Firefighters try to extinguish a wildfire burning in Saronida, near Athens, Greece, July 17, 2023. Credit: REUTERS/Stelios Misinas)

SAT 14:00 BBC News (w172z2qxfnf9dw9)

The latest five minute news bulletin from BBC World Service.

SAT 14:06 Sportsworld (w172z1ktp3hgqvj)

Lee James presents live from Emirates Old Trafford on day four of the important fourth Ashes Test between England and Australia.

If Australia win or draw in Manchester they will retain the Ashes, but a win for England will take the series to a final Test at the Oval in London.

On a busy sporting weekend, there will be the latest from the Women's World Cup in Australia and New Zealand, plus live updates from the third round of golf's Open Championship.

Sportsworld will also have the latest from Formula 1's Hungarian Grand Prix, the penultimate stage of this year's Tour de France and a review and preview of the Diamond League athletics.

(Image: A general view of play during Day One of the LV= Insurance Ashes 4th Test Match between England and Australia at Emirates Old Trafford on July 19, 2023 in Manchester, England. Photo by Gareth Copley - ECB/ECB via Getty Images)

SAT 18:00 BBC News (w172z2qxfnf9wvt)

The latest five minute news bulletin from BBC World Service.

SAT 18:06 The Newsroom (w172z2tf6xf16j0)

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

SAT 18:30 BBC News Summary (w172z2rqwd15846)

The latest two minute news summary from BBC World Service.

SAT 18:32 The Lazarus Heist (w3ct5m2t)

[Repeat of broadcast at 05:32 today]

SAT 18:50 Sporting Witness (w3ct4sj2)

The first Women's World Cup sticker album

Panini have been making World Cup sticker albums since 1970, but in 2011 they decided to make the first one for the women's tournament being held in Germany. Only available in the host country, they sold more than 4.5 million packets of stickers in two weeks. They had to print a million more stickers to keep up with demand. Roxanne König from Panini in Germany speaks to Uma Doraiswamy about how the album was created and its popularity.

(Photo: Panini stickers for the FIFA Women's World Cup Germany 2011. Credit: Getty Images)

SAT 19:00 BBC News (w172z2qxfnf0hly)

The latest five minute news bulletin from BBC World Service.

SAT 19:06 The Inquiry (w3ct4wd4)

Is Venezuela a failed state?

Venezuela is the country with the largest oil deposits, yet 3 in every 4 Venezuelan lives in extreme poverty. More than 7 million people are recorded as having left the country since 2015 in search of a better life, causing the largest ever displacement of people in Latin American history. And it's only surpassed in numbers by those people leaving Ukraine.

But Venezuela is not at war, its current humanitarian crisis is the result of years of political and economic turbulence. International sanctions, imposed on the country with the aim of pressing the government to change its policies and restore democracy have had little impact, other than making it more difficult for Venezuela's economy to function.

Presidential elections are due to be held in the country next year, but talks between the government and the opposition to ensure that they are free and fair are currently at a standstill.

This week on The Inquiry we're asking 'Is Venezuela a failed state?'

Contributors:

Maria Gabriela Trompetero, Migration Researcher, Bielefeld University, Germany
Alejandro Velasco, Associate Professor of History, New York University, author of 'Barrio Rising: Urban Popular Politics and the Making of Modern Venezuela'
Dr. Luisa Palacios, Senior Research Scholar, Centre on Global Energy Policy, Columbia University
Mariano de Alba, Senior Adviser, International Crisis Group.

Presenter: Tanya Beckett
Producer: Jill Collins
Researcher: Matt Toulson
Editor: Tara McDermott
Technical Producer: Kelly Young
Production Co-ordinator: Brenda Brown

(Oil spills over a hand and river in Venezuela. Credit: John Harper/Getty Images)

SAT 19:30 BBC News Summary (w172z2rqwd15cw)

The latest two minute news summary from BBC World Service.

SAT 19:32 Outlook (w3ct4rb7)

'Love finds a way' - a bond that overcame decades of separation

Jeanne Gustavson met Steve Watts as an undergraduate at university in Chicago, but her family disapproved of their interracial relationship. The pressure became too much, and Jeanne broke up with Steve, but she never forgot him, and decades later she tracked him down. Steve was living with disabilities in a nursing home, but they realised they were still in love. Jeanne fought to get Steve back to her home so she could care for him there, and now, four decades after the start of their relationship, they're living under the same roof for the first time. Jeanne and Steve spoke to Emily Webb back in 2021.

Get in touch: outlook@bbc.com

Presenter: Emily Webb
Producer: Harry Graham

Picture: Jeanne and Steve this year
Credit: Jeanne Gustavson

SAT 20:00 BBC News (w172z2qxfnf4c2)

The latest five minute news bulletin from BBC World Service.

SAT 20:06 The Arts Hour (w3ct4vl8)

Director Christopher Nolan on his film Oppenheimer

Nikki talks to director Christopher Nolan about his film Oppenheimer and is joined in the studio by film critic and writer Guy Lodge.

They also hear from American director Greta Gerwig about the films that influenced her when bringing Barbie to the big screen.

And Indigenous Australian writer director Warwick Thornton talks about how international audiences and critics overseas differ from Australian ones.

Presenter: Nikki Bedi
Producer: Lucy Collingwood

(Photo: Cillian Murphy is J. Robert Oppenheimer in Oppenheim. Credit: Universal Pictures)

SAT 21:00 BBC News (w172z2qxfnf836)

The latest five minute news bulletin from BBC World Service.

SAT 21:06 Newshour (w172z09hyzmxcxbm)

Tens of thousands of Israelis march against judicial changes

Tens of thousands of Israelis opposed to a judicial overhaul sought by Prime Minister Benjamin Netanyahu marched to Jerusalem on Saturday, as pressure mounts to scrap a bill that would curtail the Supreme Court's powers.

Also in the programme; ethnic violence has plunged the small Indian state of Manipur into what many have dubbed a state of civil war as the two largest groups battle over land and influence, and thousands of people have been evacuated from homes and hotels on the Greek island of Rhodes due to wildfires.

(Picture: People take part in a demonstration against Israeli Prime Minister Benjamin Netanyahu and his nationalist coalition government's judicial overhaul, in Tel Aviv, Israel, July 22, 2023. Picture credit: Reuters/Corinna Kern)

SAT 22:00 BBC News (w172z2qxfnfhcvb)

The latest five minute news bulletin from BBC World Service.

SAT 22:06 Music Life (w3ct4mg1)

You don't have to fit the mould, with Rara Sekar, Sandrayati, Ugoran Prasad and Rully Shabara

Indonesian musicians Rara Sekar, Sandrayati, Ugoran Prasad and Rully Shabara discuss music and social change, trying to thrive as musicians in the age of social media, and whether or not all musicians have an equal opportunity to succeed.

Rara Sekar's career in music began as the vocalist for folk group Banda Neira, as well as a member of Daramuda. In 2020 she began her solo project hara, in which she creates a musical fusion inspired by folk, ambient and post-rock music. She is also an anthropologist, having completed a master's degree in cultural anthropology from Victoria University of Wellington.

Sandrayati is a Filipino-American singer who grew up in Java and Bali, whose music explores the pain and beauty of uprooting and planting yourself somewhere else. She possess a light, dream-like singing voice and has recently released Safe Ground, an album created in Iceland alongside Olafur Arnalds.

Ugoran Prasad is a renowned Indonesian fictionist, dramaturg and musician who is perhaps best known for fronting modern rock band Majelis Lida Berduri. Their restless, exciting sound has made them one of Indonesia's most important indie bands over the last few decades, and they are currently working on their fourth studio album.

Rully Shabara is an Indonesian artist and vocalist whose main musical interest lies in exploring the human voice as a medium of creation. He's a genre-bending musician whose duo Senyawa are pushing the boundaries of experimental music in Indonesia.

SAT 23:00 BBC News (w172z2qxfnfhhlg)

The latest five minute news bulletin from BBC World Service.

SAT 23:06 The Newsroom (w172z2sls5tcht)

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

SAT 23:20 Sports News (w172z1k07cwtk0h)

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

SAT 23:30 BBC News Summary (w172z2rqwd15vvv)

The latest two minute news summary from BBC World Service.

SAT 23:32 Tech Life (w3ct4tq3)

The new world AI is making

DeepMind founder Mustafa Suleyman reflects on the AI revolution - and tells us he left the UK for Silicon Valley because it remains the top place for tech talent. But Canada is trying to lure some of those highly skilled migrants away - immigration lawyer Pavan Dhillion explains how. Dr Grace Livingstone joins us from Uruguay to tell us why plans for a Google data centre there are so controversial. And - as AI version of Johnny Cash goes viral - Matt Griffiths from the charity Youth Music tells us why AI is being embraced by young creatives.

(PHOTO: Futuristic digital render with surreal cyber space and big sun, by Getty Images)

SUNDAY 23 JULY 2023**SUN 00:00 BBC News (w172z2qxfnfhmb1)**

The latest five minute news bulletin from BBC World Service.

SUN 00:06 BBC OS Conversations (w3ct5b21)

[Repeat of broadcast at 09:06 on Saturday]

SUN 00:30 BBC News Summary (w172z2rqwd15zlz)

The latest two minute news summary from BBC World Service.

SUN 00:32 The Lazarus Heist (w3ct5m2t)

[Repeat of broadcast at 05:32 on Saturday]

SUN 00:50 Sporting Witness (w3ct4sj2)

[Repeat of broadcast at 18:50 on Saturday]

SUN 01:00 BBC News (w172z2qxfnfhr2q)

The latest five minute news bulletin from BBC World Service.

SUN 01:06 Unexpected Elements (w3ct4wj)

Barbie in Space

Unexpected Elements looks for the science behind the news, and this week the news is glittery and pink with the release of the Barbie movie.

The movie has very pink aesthetic, so we get philosophical about the colour pink – does it actually exist and if so, how come it isn't in the rainbow?

We also discover how this iconic doll has performed some actual valuable science, helping cryogenic researchers design space suit technology to help future missions to the moon.

In Ask the Unexpected this week we've got dog science as we answer the age old joke: how does my dog smell? Terrible, obviously, but it also depends on something called the vomeronasal organ..

And there are newcomers in Germany and they're troublemakers. We hear how an unpleasant mosquito borne virus has arrived in northern Europe and consider whether climate change might be to blame.

All that plus your emails and WhatsApps, language pedantry and an ewaste dating service.

Presented by Marnie Chesterton
Produced by Ben Motley, with Margaret Sessa-Hawkins, Alex Mansfield and Sophie Ormiston

SUN 02:00 BBC News (w172z2qxfnfhtvt)

The latest five minute news bulletin from BBC World Service.

SUN 02:06 The Newsroom (w172z2tf6xf25h1)

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

SUN 02:30 BBC News Summary (w172z2rqwd16737)

The latest two minute news summary from BBC World Service.

SUN 02:32 Health Check (w3ct4pd6)

[Repeat of broadcast at 11:32 on Saturday]

SUN 03:00 BBC News (w172z2qxfnfhzkz)

The latest five minute news bulletin from BBC World Service.

SUN 03:06 The Forum (w3ct4vc2)

[Repeat of broadcast at 12:06 on Saturday]

SUN 04:00 BBC News (w172z2qxfnfj3b3)

The latest five minute news bulletin from BBC World Service.

SUN 04:06 From Our Own Correspondent (w3ct4nt4)

Sudan: A neglected conflict

Max Pearson introduces correspondent reports on Sudan, India, Uruguay and Italy.

The conflict in Sudan between rival factions within the armed forces is now in its fourth month. The scale of the humanitarian crisis it's provoked is staggering. More than 3 million people have been displaced; some 25 million people need humanitarian assistance – that's half the country's population. But why is the situation in Sudan no longer dominating Western media

headlines? BBC correspondents have managed to report from Sudan's borders with Chad and South Sudan. But as Barbara Plett Usher explains, it's been impossible to get permission to report from inside the country, while getting information out is becoming harder - which is why she's had to monitor what's going on from Nairobi.

The Indian state of Manipur, in the northeast of the country on the border with Myanmar, has been locked in a spiral of ethnic unrest for more than two months now. The violence, between the majority Meitei group and the tribal Kuki minority, has resulted in at least 130 people being killed, and sixty-thousand displaced. And there have been chilling accounts of shootings, looting and sexual assault. A video showing two naked women in Manipur being paraded by a mob - before allegedly being gang-raped - has caused outrage: Prime Minister Modi said it shamed India. Raghvendra Rao travelled to Manipur and found a region torn in two by mistrust, anger and fear.

In Uruguay, a long drought has led to the worst water crisis in the country's history. It was first felt by farmers but has now spread to the capital Montevideo, where half Uruguay's population live. Drinking water is in such short supply, the authorities have started drawing salty water from the River Plate. And as Grace Livingstone learned, it's left residents struggling.

It's not news that August in the Mediterranean can be scorching. But the temperatures this past week have been unusually high. Spain, Greece and Italy have all issued red alert health warnings – cautioning people that the heat poses a real threat to life. The World Meteorological Organisation has warned the European heatwave could last well into August. But as Sofia Bettiza discovered in Sicily's capital, Italians there are making sure as best they can that life continues as normal.

Producer: Louise Hidalgo
Editor: Emma Rippon
Production Co-ordinator: Gemma Ashman

(Photo: Sudanese army soldiers rest next to a building in Khartoum. Credit: AFP/Getty Images)

SUN 04:30 BBC News Summary (w172z2rqwd16glh)
The latest two minute news summary from BBC World Service.

SUN 04:32 The Explanation (w3ct4z6s)
Who are the Rohingyas?

In 2017, a deadly crackdown by Myanmar's army resulted in the mass exodus of Rohingya Muslims across the border into Bangladesh. Years later, many of those who fled are still in refugee camps.

But why have the Rohingya people become stateless? And will they ever return to Myanmar, which is now run by a military junta after a coup ousted Aung San Suu Kyi and her government in 2021.

The BBC's Burmese Editor, Soe Win Than, explains how tensions grew in the Rakhine State and explores if the Rohingya Muslims and Rakhine Buddhists could ever live side by side again.

Presenter: Claire Graham
Producer: Owen McFadden

SUN 04:50 Sporting Witness (w3ct4sj2)
[Repeat of broadcast at 18:50 on Saturday]

SUN 05:00 BBC News (w172z2qxfnfj727)
The latest five minute news bulletin from BBC World Service.

SUN 05:06 The Newsroom (w172z2t6xf2jqf)
The world's Newsroom brings you global events as they happen

SUN 05:30 BBC News Summary (w172z2rqwd16lbn)
The latest two minute news summary from BBC World Service.

SUN 05:32 The Documentary (w3ct5hzj)
Kew Gardens: Botany and the British empire

For centuries, Kew Gardens was the flash point for a lesser known British imperial project – the collection of plants from colonised nations for political and commercial gain. Author and journalist Rosie Kinchen finds out about the work Kew is doing today to examine this, and looks into how the institution is supporting botanical science and conservation around the globe. Rosie speaks to curatorial and scientific staff at Kew, as well as taking a wider view on the role of plants in colonial history.

Contributors: Prof Alex Antonelli, Kew director of science; Dr

Caroline Cornish, humanities research co-ordinator at Kew; Dr Diego Molina, environmental historian at Kew and Royal Holloway; Shiloh Maples of the Native American Food Sovereignty Alliance.

Producer: Sam Peach

(Photo: Botanical artist Lucy Smith examines the leaves of a new species of giant waterlily, Victoria boliviana, at Royal Botanic Gardens, in Kew, Richmond, Surrey. Credit: Dominic Lipinski/PA Wire)

SUN 06:00 BBC News (w172z2qxfnfjbtc)
The latest five minute news bulletin from BBC World Service.

SUN 06:06 Weekend (w172z37b175lilz)
Cambodia faces rigged election

Cambodians go to the polls today, but the government of self-styled strongman Hun Sen is almost guaranteed to win. We speak to exiled opposition leader Sam Rainsy, who tells us he has been the subject of multiple assassination attempts.

Also on the programme: the race to prevent environmental catastrophe off the coast of Yemen as the UN attempts to salvage an abandoned oil tanker; and an unprecedented heatwave in Greece forces authorities to temporarily close the turnstiles for part of the day at the Acropolis.

Joining Audrey Brown to discuss all this and more are Ammon Cheskin, senior lecturer in Central and East European Studies at Glasgow University in Scotland and Georgina Godwin, a Zimbabwean-born broadcaster and journalist based in London.

(IMAGE: Supporters of the Cambodian People's Party (CPP) participate in a campaign rally CREDIT: KITH SEREY/EPA-EFE/REX/Shutterstock)

SUN 07:00 BBC News (w172z2qxfnfjgkh)
The latest five minute news bulletin from BBC World Service.

SUN 07:06 Weekend (w172z37b175lpt3)
Far-right looks to make gains in Spanish election

Analysts predict the conservative Partido Popular and far-right Vox political parties could form a coalition government as Spainiards head to the polls in one of the country's most polarised elections.

Also on the programme: the American meteorologist in Iowa who quit forecasting the weather on television because of death threats; and who's a Barbie girl and who's not, as a new film about the iconic doll comes to cinema screens.

Joining Audrey Brown to discuss all this and more are Ammon Cheskin, senior lecturer in Central and East European Studies at Glasgow University in Scotland and Georgina Godwin, a Zimbabwean-born broadcaster and journalist based in London.

(IMAGE: A far-right Vox party sign hangs from the exterior of a building in central Madrid CREDIT: REUTERS/Violeta Santos Moura/File Photo)

SUN 08:00 BBC News (w172z2qxfnfj9m)
The latest five minute news bulletin from BBC World Service.

SUN 08:06 Weekend (w172z37b175ltk7)
Cambodians vote in 'sham' election

Hun Sen, who has been in power for 38 years, faces no real challenge after the only credible opposition party was disqualified. His Cambodian People's Party is expected to win all 125 seats in parliament.

Also on the programme: the Spanish far-right could make gains in a uniquely polarised election; and the holidaymakers shunning traditional vacations in favour of 'sleep retreats'.

Joining Audrey Brown to discuss all this and more are Ammon Cheskin, senior lecturer in Central and East European Studies at Glasgow University in Scotland and Georgina Godwin, a Zimbabwean-born broadcaster and journalist based in London.

(IMAGE: Supporters of Cambodian People's Party attend a rally CREDIT: REUTERS/Cindy Liu)

SUN 09:00 BBC News (w172z2qxfnfjq1r)
The latest five minute news bulletin from BBC World Service.

SUN 09:06 From Our Own Correspondent (w3ct4nt4)
[Repeat of broadcast at 04:06 today]

SUN 09:30 BBC News Summary (w172z2rqwd172b4)
The latest two minute news summary from BBC World Service.

SUN 09:32 Outlook (w3ct4rb7)
[Repeat of broadcast at 19:32 on Saturday]

SUN 10:00 BBC News (w172z2qxfnfjtsw)
The latest five minute news bulletin from BBC World Service.

SUN 10:06 Music Life (w3ct4mg1)
[Repeat of broadcast at 22:06 on Saturday]

SUN 11:00 BBC News (w172z2qxfnfjyk0)
The latest five minute news bulletin from BBC World Service.

SUN 11:06 The Newsroom (w172z2t6xf3866)
The world's Newsroom brings you global events as they happen

SUN 11:30 BBC News Summary (w172z2rqwd179td)
The latest two minute news summary from BBC World Service.

SUN 11:32 The Explanation (w3ct4z6s)
[Repeat of broadcast at 04:32 today]

SUN 11:50 More or Less (w3ct5b6m)
[Repeat of broadcast at 05:50 on Saturday]

SUN 12:00 BBC News (w172z2qxfnfk294)
The latest five minute news bulletin from BBC World Service.

SUN 12:06 BBC OS Conversations (w3ct5b21)
[Repeat of broadcast at 09:06 on Saturday]

SUN 12:30 BBC News Summary (w172z2rqwd17fkj)
The latest two minute news summary from BBC World Service.

SUN 12:32 Assignment (w3ct4m78)
Tunisia's democratic dream

Tunisia's democracy is being dismantled by a president who claims he's saving it from anarchy. Parliament has been dissolved, scores of judges sacked and opponents jailed. Once Tunisia - the north African country of just 12 million people squeezed between it's much bigger neighbours Libya and Algeria - was a beacon of democracy. It was the first Arab country to overthrow it's dictator Ben Ali in 2011 during what became known as the Arab Spring. Now a new authoritarian leader, Kais Saied, dominates the country. Tunisia faces numerous problems, from soaring prices and shortages of some basic foods - to thousands of migrants - many Tunisians - trying to flee across the Mediterranean to Europe.

Mike Thomson meets the sister of an activist who was imprisoned, an aspiring kickboxer who wants to settle abroad, a sub-Saharan migrant who's lost his job and his home and a rapper, whose music helped inspire that 2011 revolution. What future faces Tunisia – democracy or dictatorship?

Presenter: Mike Thomson
Producer: Bob Howard
Mixed by Rod Farquhar
Production coordinator: Helena Warwick-Cross
Series Editor: Penny Murphy

(Image: Tunisians with Tunisian flags protesting against the constitutional referendum. Credit: Mohamed Messara/EPA-EFE/REX/Shutterstock)

SUN 13:00 BBC News (w172z2qxfnfk618)
The latest five minute news bulletin from BBC World Service.

SUN 13:06 Newshour (w172z09hyzmfv8p)
Largest evacuation operation ever in Greece

Greek police say 19,000 people have had to be evacuated to escape wildfires on the island of Rhodes. It's said to be the biggest such operation Greece has ever carried out.

Also on the programme: a closely fought snap summer poll in Spain, while Cambodia's election is a foregone conclusion; and Israel's parliament begins debating a key element of the government's contentious judicial overhaul.

(Photo: Smoke rises from a wildfire on the island of Rhodes, Greece on 22 July 2023. Credit: Argiris Mantikos/Eurokinissi)

via Reuters)

SUN 14:00 BBC News (w172z2qxfnfk9sd)

The latest five minute news bulletin from BBC World Service.

SUN 14:06 Sportsworld (w172z1ktp3hkmrm)

Sunday Sportsworld is live from London as the world's best athletes head to the London Stadium for the latest Diamond League meeting.

World indoor and outdoor 800m medallist Jenny Meadows will be part of the team bringing you live commentary of the track and field action.

There will also be the latest from around the sporting world including the Women's World Cup in Australia and New Zealand, the fourth Ashes Test and golf's Open Championship.

Plus, an update from Formula 1's Hungarian Grand Prix, the final stage of cycling's Tour de France, and another chance to hear the remarkable story of Morocco's journey to the semi-finals of the men's World Cup in Qatar.

(Image: A general view of the start of the Emsley Carr 1 Mile during Day Two of the Muller Anniversary Games IAAF Diamond League event at the London Stadium on July 21, 2019 in London, England. Photo by Stephen Pond - British Athletics/British Athletics via Getty Images)

SUN 19:00 BBC News (w172z2qxfnfkxj1)

The latest five minute news bulletin from BBC World Service.

SUN 19:06 The Newsroom (w172z2tf6xf4757)

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

SUN 19:30 BBC News Summary (w172z2rqwd188sf)

The latest two minute news summary from BBC World Service.

SUN 19:32 In the Studio (w3ct4yfb)

Gregory Doran: Staging Shakespeare's Cymbeline

Nick Ahad follows the Royal Shakespeare's Company's new production of Cymbeline, the final play in Shakespeare's First Folio - a collection that's celebrating its 400th anniversary this year.

Acclaimed and award-winning Shakespearean, Gregory Doran, has directed every play in the First Folio except Cymbeline. For him it's one of Shakespeare's most complex creations and he will be directing it for the first time as his swansong, as the Royal Shakespeare Company's artistic director emeritus. From the start of the production's rehearsal period until its first performance, we follow Gregory and his team as they get to grips with a play criticised and celebrated for its genre-busting, location-hopping, multiple plotlines, topped by the appearance of the god Jupiter descending from the heavens on an eagle.

Presenter: Nick Ahad
Producer: Ekene Akalawu

(Photo: Gregory Doran. Credit: Ellie Kurtz)

SUN 20:00 BBC News (w172z2qxfnf1185)

The latest five minute news bulletin from BBC World Service.

SUN 20:06 Unexpected Elements (w3ct4wjq)

[Repeat of broadcast at 01:06 today]

SUN 21:00 BBC News (w172z2qxfnf1509)

The latest five minute news bulletin from BBC World Service.

SUN 21:06 Newshour (w172z09hyzmg7q)

Counting begins in Spanish election

Counting is under way across Spain after its snap general election and the first results suggest a very tight race. We will bring you the latest in what's being considered the country's most momentous election in almost 50 years.

Also in the programme: Israel's parliament will tomorrow vote on a central plank of the government's plans to limit the ability of Supreme Court judges to overrule Government decisions it deems "unreasonable"; and we speak to Greece's tourism minister as a state of emergency has been declared on the island of Rhodes.

(Picture: Spanish Prime Minister Pedro Sanchez talks to media in Madrid after he cast his ballot for the general elections. Credit: Ballesteros/EPA-EFE/REX/Shutterstock)

SUN 22:00 BBC News (w172z2qxfnf18rf)

The latest five minute news bulletin from BBC World Service.

SUN 22:06 The Climate Question (w3ct5bk8)

How are Afghans fighting climate change?

Climate change has been tightening its grip on the people of Afghanistan, with flood after flood and drought after drought. It's considered to be one of the most vulnerable countries in the world, not just because it's warming twice as fast as the global average, but because its people's ability to fight back has been severely hampered by decades of conflict and war. To add insult to injury, Afghanistan has contributed very little to the climate crisis.

Since the Taliban takeover two years ago, financial aid to help locals adapt has drastically dropped, leaving Afghans to take matters into their own hands. Presenters Graihagh Jackson and Barry Sadid hear how the diaspora are helping villages back home to build life-saving dams and protect themselves against flood and drought. And we ask if there's a way for foreign governments to financially support Afghanistan without legitimising the Taliban.

Producers: Jordan Dunbar and Barry Sadid from BBC Monitoring
Series Producer: Simon Watts
Editor: China Collins
Sound Engineer: Tom Brignell
Production Coordinators: Debbie Richford and Sophie Hill

SUN 22:30 BBC News Summary (w172z2rqwd18n0t)

The latest two minute news summary from BBC World Service.

SUN 22:32 Pick of the World (w3ct5b8w)

[Repeat of broadcast at 09:32 on Saturday]

SUN 22:50 Over to You (w3ct4rpj)

[Repeat of broadcast at 09:50 on Saturday]

SUN 23:00 BBC News (w172z2qxfnf1d8k)

The latest five minute news bulletin from BBC World Service.

SUN 23:06 The Newsroom (w172z2sls5tgdqg)

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

SUN 23:20 Sports News (w172z1k07cwxfxl)

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

SUN 23:30 BBC News Summary (w172z2rqwd18rry)

The latest two minute news summary from BBC World Service.

SUN 23:32 Outlook (w3ct4rb7)

[Repeat of broadcast at 19:32 on Saturday]

MONDAY 24 JULY 2023

MON 00:00 BBC News (w172z2qxfnf1j7p)

The latest five minute news bulletin from BBC World Service.

MON 00:06 From Our Own Correspondent (w3ct4nt4)

[Repeat of broadcast at 04:06 on Sunday]

MON 00:30 BBC News Summary (w172z2rqwd18wj2)

The latest two minute news summary from BBC World Service.

MON 00:32 The Explanation (w3ct4z6s)

[Repeat of broadcast at 04:32 on Sunday]

MON 00:50 More or Less (w3ct5b6m)

[Repeat of broadcast at 05:50 on Saturday]

MON 01:00 BBC News (w172z2qxsxqgh7z)

The latest five minute news bulletin from BBC World Service.

MON 01:06 The Newsroom (w172z2tfl5q8sx5)

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

MON 01:30 BBC News Summary (w172z2rr7nbdvjc)

The latest two minute news summary from BBC World Service.

MON 01:32 Happy News (w3ct5hts)

The Happy Pod: New hope for Alzheimer's treatment

Our weekly collection of the happiest stories in the world. This week, a "breakthrough" drug that could slow down Alzheimer's, and the men remaking trees. Plus, solving a puzzle that stumped mathematicians for over 50 years.

MON 02:00 BBC News (w172z2qxsxqgm03)

The latest five minute news bulletin from BBC World Service.

MON 02:06 The Newsroom (w172z2tfl5q8xn9)

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

MON 02:30 BBC News Summary (w172z2rr7nbdz8h)

The latest two minute news summary from BBC World Service.

MON 02:32 CrowdScience (w3ct4y49)

Why do we get bored?

"I'm bored!" We can all relate to the uncomfortable - and at times unbearable - feeling of boredom. But what is it? Why does it happen? And could this frustrating, thumb-twiddling experience actually serve some evolutionary purpose?

CrowdScience listener Brian started wondering this over a particularly uninspiring bowl of washing up and it's ended with presenter Marnie Chesterton going on a blessedly un-boring tour through the science and psychology of tedium.

She finds out why some people are more affected than others, why boredom is the key to discovery and innovation and how we can all start improving our lives by embracing those mind-numbing moments.

Presenter: Marnie Chesterton
Producer: Samara Linton
Production Co-ordinator: Jonathan Harris
Editor: Richard Collings

Contributors:
Professor James Danckert, University of Waterloo, Canada
Dr Elizabeth Weybright, Washington State University
Dr Christian Chan, Hong Kong University
Annie Runkel, University of Dundee

MON 03:00 BBC News (w172z2qxsxqqqr7)

The latest five minute news bulletin from BBC World Service.

MON 03:06 People Fixing The World (w3ct4xzs)

Eating invasive species

All across the world, invasive species are on the march. These are plants and animals that take over new areas, throwing nature out of balance. If left unchecked, they can destroy local ecosystems, drive native species to extinction - and put local livelihoods at risk.

But people have been finding innovative ways to combat these invaders... like eating them!

In Belize, we look at how encouraging local fisherman and restaurants to catch and serve up invasive lionfish has helped control their numbers and protect the local reefs.

Meanwhile in Nashville, Tennessee, we see how one urban shepherd is deploying his flock of sheep - dubbed the 'Nashville Chew Crew' - to eat invasive plants and weeds across the city.

Presenter: Myra Anubi
Reporter: Marisol Amaya
Producer/Reporter: Zoe Gelber
Series Producer: Tom Colls
Sound Mix: Hal Haines
Editor: Penny Murphy

email: peoplefixingtheworld@bbc.co.uk

Image: A lionfish (Getty Images)

MON 03:30 BBC News Summary (w172z2rr7nbf30m)

The latest two minute news summary from BBC World Service.

MON 03:32 Pick of the World (w3ct5b8w)

[Repeat of broadcast at 09:32 on Saturday]

MON 03:50 Over to You (w3ct4rpj)

[Repeat of broadcast at 09:50 on Saturday]

MON 04:00 BBC News (w172z2qxsxqvhc)

The latest five minute news bulletin from BBC World Service.

MON 04:06 The Newsroom (w172z2tfl5q954k)

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

MON 04:30 BBC News Summary (w172z2rr7nbf6rr)

The latest two minute news summary from BBC World Service.

MON 04:32 The Conversation (w3ct4tvn)

How to get a good night's sleep

The sleep economy is booming – from hi-tech sleep trackers to apps and cooling mattresses – and its worth is estimated at hundreds of billions of US dollars every year. So why do some of us still have trouble dropping off?

Part of the explanation may lie in our sex, as some studies suggest that women are 40 per cent more likely to experience sleep disruption than men. And throughout a woman's life, puberty, pregnancy, menopause and caring responsibilities may all have an effect on the amount of good quality sleep available to women.

Kim Chakanetsa is joined by psychologist Dr Christine Blume from the Centre for Chronobiology at the University of Basel in Switzerland. Since April 2022 she has been involved in a four-year project to study the effects of natural daylight and exercise on our circadian rhythms.

Dr Anita Shelgikar is clinical professor of neurology and programme director for the Sleep Medicine Fellowship at the University of Michigan in the United States. She researches a condition called obstructive sleep apnea, where a person's airway narrows during sleep and can cause them to wake repeatedly. This can affect pregnant women in particular.

Produced by Fiona Clampin

(Image: (L) Dr Christine Blume, courtesy of Michael Brauer. (R) Dr Anita Shelgikar, courtesy of University of Michigan Health.)

MON 05:00 BBC News (w172z2qxsxqz7h)

The latest five minute news bulletin from BBC World Service.

MON 05:06 Newsday (w172z072023kq61)

Spain's conservatives win tight election but no clear majority

Spain is facing a political deadlock after Sunday's snap general election failed to produce a decisive winner, leaving both the right and the left without a clear route to forming a new government.

Corfu has become the latest Greek island to issue evacuation orders, as the country grapples with a series of devastating wildfires.

And President Vladimir Putin says Russia will replace exports of grain to Africa from Ukraine after he withdrew from a deal allowing their safe shipment across the Black Sea.

MON 06:00 BBC News (w172z2qxsxqr2zm)

The latest five minute news bulletin from BBC World Service.

MON 06:06 Newsday (w172z072023kty5)

Spanish elections result in hung parliament

Spain is facing a political deadlock after Sunday's snap general election failed to produce a decisive winner, leaving both the right and the left without a clear route to forming a new government.

President Vladimir Putin says Russia will replace exports of grain to Africa from Ukraine after he withdrew from a deal allowing their safe shipment across the Black Sea.

And Corfu has become the latest Greek island to issue evacuation orders, as the country grapples with a series of devastating wildfires.

MON 07:00 BBC News (w172z2qxsxqr6qr)

The latest five minute news bulletin from BBC World Service.

MON 07:06 Newsday (w172z072023kyp9)

Spanish elections: Popular Party wins but no clear majority

Spain is facing a political deadlock after Sunday's snap general election failed to produce a decisive winner, leaving both the right and the left without a clear route to forming a new

government.

President Vladimir Putin says Russia will replace exports of grain to Africa from Ukraine after he withdrew from a deal allowing their safe shipment across the Black Sea.

And Corfu has become the latest Greek island to issue evacuation orders, as the country grapples with a series of devastating wildfires.

MON 08:00 BBC News (w172z2qxsxqrbgw)

The latest five minute news bulletin from BBC World Service.

MON 08:06 HARDtalk (w3ct4p36)

Lewis Pugh: Pushing the limits of the human body

Stephen Sackur speaks to the master of extreme swimming Lewis Pugh. From the North Pole to Antarctica, his death-defying swims are designed to focus attention on the damaging impact of climate change on our blue planet. Is this a form of activism that works?

MON 08:30 BBC News Summary (w172z2rr7nbfpr8)

The latest two minute news summary from BBC World Service.

MON 08:32 Business Daily (w3ct4mtt)

Is Georgia benefitting from Russian money?

Georgia has seen huge economic growth but is there a cost to doing business with Russia?

Tens of thousands of Russians moved to the small South Caucasus nation since the war began and they brought along their money and their ideas. In this programme we hear from some of those who have made the move and set up homes and businesses in Georgia.

We'll also hear what Georgians, who fought their own war with Russia in 2008, make of the huge growth in trade and economic relations between the two countries.

Presenter / producer: Rayhan Demytrie

Image: Anti-Russian protests in Georgia; Credit: BBC

MON 08:50 Witness History (w3ct4x9w)

Escaping the Nazis in Greece

The Greek city of Thessaloniki, or Salonica, was once known as the Jerusalem of the Balkans.

It was previously home to a large and thriving Sephardi Jewish population whose ancestors had been expelled from Spain in 1492.

However, the Nazi occupation of Greece from 1941 to 1944 almost completely wiped out that culture and community.

More than 90% of the approximately 50,000 Jews living in Salonica in 1943 were deported to Auschwitz and killed.

Yeti Mitrani was a young teenager at the time.

She speaks to Maria Margaronis about her family's escape and her childhood.

(Photo: Yeti as a child. Credit: Doris Mitrani)

MON 09:00 BBC News (w172z2qxsxqrg70)

The latest five minute news bulletin from BBC World Service.

MON 09:06 The Newsroom (w172z2tfl5q9rw6)

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

MON 09:30 BBC News Summary (w172z2rr7nbfthd)

The latest two minute news summary from BBC World Service.

MON 09:32 CrowdScience (w3ct4y49)

[Repeat of broadcast at 02:32 today]

MON 10:00 BBC News (w172z2qxsxqrkz4)

The latest five minute news bulletin from BBC World Service.

MON 10:06 The History Hour (w3ct4w5b)

Wartime surrenders and the birth of Barbie

Max Pearson presents a compilation of stories from this week's Witness History episodes.

In the autumn of 1945, World War II surrender ceremonies took place across the Japanese Empire. Thousands of people watched the incredible moment Japanese generals handed over their swords in China's Forbidden City in Beijing.

Historian James Holland, talks about the ritual and significance of a surrender.

Also, the first Barbie doll was sold in 1959. It took Ruth Handler, who created it, years to convince her male colleagues that it would sell.

The plastic creation sold 350,000 in the first year and went on to take the world by storm selling millions. It's now even been turned into a live action film starring Margot Robbie.

Contributors: John Stanfield, signed surrender declaration documents on behalf of the British at the end of World War II James Holland, historian, writer, and broadcaster Ramona Reed on her father Dean Reed who became known as 'Red Elvis'

Vents Krauklis, a demonstrator in the Latvian capital, Riga in 1991

Professor V. Craig Jordan, who helped bring the drug tamoxifen to the world's attention

Ruth and Elliot Handler from a BBC documentary broadcast in the 1990s

(Photo: Barbie in her various incarnations. Credit: Ian Waldie/Getty Images)

MON 11:00 BBC News (w172z2qxsxqrpq8)

The latest five minute news bulletin from BBC World Service.

MON 11:06 The Newsroom (w172z2tfl5qb0cg)

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

MON 11:30 BBC News Summary (w172z2rr7nbg1zn)

The latest two minute news summary from BBC World Service.

MON 11:32 The Conversation (w3ct4tvn)

[Repeat of broadcast at 04:32 today]

MON 12:00 BBC News (w172z2qxsxqrtd)

The latest five minute news bulletin from BBC World Service.

MON 12:06 Outlook (w3ct4qg5)

A boy called Love: From street dance to world-class ballet

Three and a half years ago Love Kotiya was just a dance-obsessed kid. He'd spend hours doing flips in the parks of Faridabad, winning local competitions and queuing all night to audition for India's dance reality TV shows. Then, at 15, he saw ballet for the first time through the window of a Delhi dance studio.

Last year Love was offered a place at the prestigious English National Ballet School. He tells Andrea Kennedy how despite his late start, he's now poised to complete training for an international career, if he can find the funds...

Steve Levine is a New Yorker who always had an affinity for dogs. He had a hectic life travelling the world as a photographer for holiday resorts and tourism boards but wherever he went, dogs would befriend him. He seemed to speak their language. In 2017, after the death of his father, Steve went on retreat to Guatemala. Outlook's Georgia Bell hears how this ability to "speak dog" reset the course of Steve's life.

Get in touch: outlook@bbc.com or WhatsApp +44 330 678 2707

(Photo: Love Kotiya in ballet pose)

MON 12:50 Witness History (w3ct4x9w)

[Repeat of broadcast at 08:50 today]

MON 13:00 BBC News (w172z2qxsxqry6j)

The latest five minute news bulletin from BBC World Service.

MON 13:06 The Newsroom (w172z2tfl5qb7vq)

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

MON 13:30 BBC News Summary (w172z2rr7nbg9gx)

The latest two minute news summary from BBC World Service.

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<p>MON 13:32 CrowdScience (w3ct4y49) [Repeat of broadcast at 02:32 today]</p> <p>MON 14:00 BBC News (w172z2qxsxs1yn) The latest five minute news bulletin from BBC World Service.</p> <p>MON 14:06 Newshour (w172z09jb7xnq62) Israel's parliament ratifies part of judicial reform plan</p> <p>The government proposals have triggered some of the largest protests in Israeli history. A major strike has been declared today. Newshour speaks to Dan Catarivas, head of international relations at the Manufacturer's Association of Israel, which is taking part in the strike.</p> <p>Also on the programme: two main parties claim victory in Spain's snap general election; and new releases Barbie and Oppenheimer break records at the box office. Could this mark a comeback for cinemas?</p> <p>(Picture: Israeli lawmakers take a selfie after passing the reform plan. Credit: Reuters)</p> <p>MON 15:00 BBC News (w172z2qxsxs5ps) The latest five minute news bulletin from BBC World Service.</p> <p>MON 15:06 HARDtalk (w3ct4p36) [Repeat of broadcast at 08:06 today]</p> <p>MON 15:30 BBC News Summary (w172z2rr7nbgjz5) The latest two minute news summary from BBC World Service.</p> <p>MON 15:32 World Business Report (w3ct4zdh) China's Politburo vows to tackle economy's 'new difficulties and challenges'</p> <p>Chinese leaders pledge to step up policies focusing on expanding domestic demand, boosting confidence and preventing risks. We look into what this might mean for the world's second largest economy.</p> <p>Also in the programme, we hear about Twitter's transformation into X and what users can expect from it.</p> <p>And we get the latest from the general snap elections in Spain and the impact they are having in the economy.</p> <p>(Picture: Chinese President Xi Jinping. Picture credit: Reuters)</p> <p>MON 16:00 BBC News (w172z2qxsxs9fx) The latest five minute news bulletin from BBC World Service.</p> <p>MON 16:06 BBC OS (w172z0vxc1dqc3j) Israel passes reform law</p> <p>Israel's parliament has approved a key part of the judicial reform plan that has divided the nation, with opposition parties boycotting the vote. The judicial reforms have provoked months of unrest, with military reservists threatening to stop reporting for duty and major companies joining a strike. We explain why the reform is so divisive and get some reaction.</p> <p>We hear from tourists and local people in Greece who have been evacuated because of the devastating wildfires.</p> <p>It's been 100 days since the recent war in Sudan started, and we speak to two people who both have fled the violence.</p> <p>Two films, Barbie and the Oppenheimer, were both released over the weekend and it appears that Barbie has won the box office battle in the US. We get reaction from those went to see Barbie.</p> <p>The Twitter boss Elon Musk has scrapped the iconic bird logo and replaced it with an X. Our tech reporter explains.</p> <p>Presenter: Peter Okwoche.</p> <p>(Photo:Israeli Finance Minister Bezalel Smotrich speaks with Prime Minister Benjamin Netanyahu as lawmakers gather at the Knesset plenum to vote on a bill that would limit some Supreme Court power, in Jerusalem July 24, 2023. Credit: Amir Cohen/Reuters)</p> <p>MON 17:00 BBC News (w172z2qxsxs61) The latest five minute news bulletin from BBC World Service.</p> <p>MON 17:06 BBC OS (w172z0vxc1dqqvn) Thousands flee Greece fires</p>	<p>Greece says it has launched the biggest rescue of its kind in response to the wildfires emergency the country is facing. We hear from local people and holidaymakers who have been evacuated.</p> <p>Israel's parliament has approved a key part of the judicial reform plan that has divided the nation, with opposition parties boycotting the vote. We explain why the reform is so divisive and get some reaction.</p> <p>It's been 100 days since the recent war in Sudan started, and we speak to two people who both have fled the violence.</p> <p>We find out why #SpecialProsecutor is a top trend in Ghana.</p> <p>Two films, Barbie and the Oppenheimer, were both released over the weekend and it appears that Barbie has won the box office battle in the US. We get reaction from those who went to see Barbie.</p> <p>Presenter: Peter Okwoche.</p> <p>(Photo: Tourists are sheltered in a stadium after being evacuated following a wildfire on the island of Rhodes, Greece, July 23, 2023. Argiris Mantikos/Eurokinissi via REUTERS)</p> <p>MON 18:00 BBC News (w172z2qxsxsjy5) The latest five minute news bulletin from BBC World Service.</p> <p>MON 18:06 Outlook (w3ct4qg5) [Repeat of broadcast at 12:06 today]</p> <p>MON 18:50 Witness History (w3ct4x9w) [Repeat of broadcast at 08:50 today]</p> <p>MON 19:00 BBC News (w172z2qxsxsnp9) The latest five minute news bulletin from BBC World Service.</p> <p>MON 19:06 The Newsroom (w172z2tfl5qzbzh) The world's Newsroom brings you global events as they happen</p> <p>MON 19:30 BBC News Summary (w172z2rr7nbh0yp) The latest two minute news summary from BBC World Service.</p> <p>MON 19:32 Sport Today (w3ct4st4) 2023/07/24 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>MON 20:00 BBC News (w172z2qxsxsff) The latest five minute news bulletin from BBC World Service.</p> <p>MON 20:06 From Our Own Correspondent (w3ct4nt4) [Repeat of broadcast at 04:06 on Sunday]</p> <p>MON 20:30 BBC News Summary (w172z2rr7nbh4pt) The latest two minute news summary from BBC World Service.</p> <p>MON 20:32 Discovery (w3ct4nnn) In search of stardust</p> <p>Norwegian jazz musician Jon Larsen was having breakfast one clear spring morning when he noticed a tiny black speck land on his clean, white table. With no wind, birds or planes in sight, he wondered if it fell from space.</p> <p>Dust from space is not as fanciful as it sounds. Billions of microscopic meteorites, dating back to the birth of our solar system, fall onto Earth every year. But they are so tiny, hidden among the copious dust of everyday life, that scientists believe they are impossible to find outside ultra clean environments like Antarctica.</p> <p>But this doesn't deter Jon, who, against the advice of all experts, decides he is going to be the first person to find an urban micrometeorite.</p> <p>He takes presenter Caroline Steel and planetary scientist Dr Matthew Genge up onto some roofs, in search of the elusive particles. Can we find stardust on the top of the BBC?</p> <p>Featuring Jon Larsen, Dr Matthew Genge and Svein Aarbostad.</p> <p>Presenter: Caroline Steel</p> <p>(Image: Cygnus Nebulosity and Starclouds Credit: VW Pics /</p>	<p>Contributor I Getty Images)</p> <p>MON 21:00 BBC News (w172z2qxsxs5k) The latest five minute news bulletin from BBC World Service.</p> <p>MON 21:06 Newshour (w172z09jb7xpkdz) Protests continue in Israel after judicial reform is approved</p> <p>The new reforms limit the powers of the Supreme Court to challenge government decisions. Water cannon and mounted police were used against thousands of protestors. We hear from a Reservist from an elite squadron who is now on strike.</p> <p>Also on the programme; as Twitter rebrands itself as X we hear from one of the designers of the original logo. And is the footballing superstar Kylian Mbappe really headed for Saudi Arabia?</p> <p>(Picture: Protesters in Jerusalem are sprayed with "skunk water," a foul smelling substance. Credit: Reuters / Zvulun)</p> <p>MON 22:00 BBC News (w172z2qxsxqt0xp) The latest five minute news bulletin from BBC World Service.</p> <p>MON 22:06 HARDtalk (w3ct4p36) [Repeat of broadcast at 08:06 today]</p> <p>MON 22:30 BBC News Summary (w172z2rr7nbhd62) The latest two minute news summary from BBC World Service.</p> <p>MON 22:32 The Conversation (w3ct4tvn) [Repeat of broadcast at 04:32 today]</p> <p>MON 23:00 BBC News (w172z2qxsxqt4nt) The latest five minute news bulletin from BBC World Service.</p> <p>MON 23:06 The Newsroom (w172z2sm4g3p4wq) The world's Newsroom brings you global events as they happen</p> <p>MON 23:20 Sports News (w172z1k0ln6462v) BBC Sport brings you all the latest stories and results from around the world.</p> <p>MON 23:30 BBC News Summary (w172z2rr7nbhhy6) The latest two minute news summary from BBC World Service.</p> <p>MON 23:32 World Business Report (w3ct4zgr) Could Israel see a general strike?</p> <p>The country's government has caused turmoil by passing the first part of a new and highly controversial set of laws limiting the power of the Supreme Court to overrule government actions.</p> <p>There have been angry protests on the streets on Jerusalem, while the Prime Minister Benjamin Netanyahu has appeared on Israeli television saying he was willing to delay the new law for now in the interests of national unity.</p> <p>Ed Butler speaks to the Histadrut, The General Federation of Labour in Israel, which had threatened a general strike if the law was passed.</p> <p>(Picture: Protesters block Ayalon Highway during a demonstration following a parliament vote on a contested bill that limits Supreme Court powers to void some government decisions, in Tel Aviv, Israel July 24, 2023. Credit: REUTERS/Corinna Kern)</p> <p>TUESDAY 25 JULY 2023</p> <p>TUE 00:00 BBC News (w172z2qxsxqt8dy) The latest five minute news bulletin from BBC World Service.</p> <p>TUE 00:06 The History Hour (w3ct4w5b) [Repeat of broadcast at 10:06 on Monday]</p> <p>TUE 01:00 BBC News (w172z2qxsxqtd52) The latest five minute news bulletin from BBC World Service.</p> <p>TUE 01:06 Business Matters (w172yzrn97d3xkd) How to respond to rocketing grain prices?</p>
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Russia used military drones to attack Ukrainian grain warehouses on the Danube River, targeting another vital export route for Kyiv close to its border with Romania.

Global grain prices have spiked as a result, exacerbated by Russia quitting the Black Sea grain deal.

Ed Butler discusses this and more business and economic news from around the world with economist at the University of Maryland, Peter Morici, and Alaezi Akpuru, owner and creative director of the contemporary Nigerian fashion brand, Virgioli Fashion.

(Picture: A grain warehouse destroyed by a Russian drone strike is seen in a sea port, amid Russia's attack on Ukraine, in Odesa Region, Ukraine July 24, 2023. Credit: Press Service of the the Operational Command South of the Ukrainian Armed Forces/Handout)

TUE 02:00 BBC News (w172z2qxxsqthx6)

The latest five minute news bulletin from BBC World Service.

TUE 02:06 The Newsroom (w172z2tfl5qctkd)

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

TUE 02:30 BBC News Summary (w172z2rr7nbhw5l)

The latest two minute news summary from BBC World Service.

TUE 02:32 The Documentary (w3ct5j1s)

Song of the bell

The world's most followed religion is changing rapidly. Hannah Ajala explores how church bells travelling from Italy to Nigeria herald Africa's new role as the beating heart of Christianity.

The Marinelli family in Italy have been making church bells for nearly 1,000 years. But in recent decades demand from Italy has fallen as faith dwindles, whilst orders from sub-Saharan Africa have grown dramatically.

Hannah Ajala follows the journey of the Marinelli bells to Nigeria where she interviews one of the country's most famous pastors, Dr Paul Enenche, about the rapid rise of Pentecostalism.

The bell's journey ends at a traditional catholic church in the south-west of the country where we hear why Christianity is growing so quickly in Africa.

Producer: Ben Henderson
Presenter: Hannah Ajala
Editor: Clare Fordham

TUE 03:00 BBC News (w172z2qxxsqtmnb)

The latest five minute news bulletin from BBC World Service.

TUE 03:06 Outlook (w3ct4qg5)

[Repeat of broadcast at 12:06 on Monday]

TUE 03:50 Witness History (w3ct4x9w)

[Repeat of broadcast at 08:50 on Monday]

TUE 04:00 BBC News (w172z2qxxsqtrdg)

The latest five minute news bulletin from BBC World Service.

TUE 04:06 The Newsroom (w172z2tfl5qd21n)

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

TUE 04:30 BBC News Summary (w172z2rr7nbj3nv)

The latest two minute news summary from BBC World Service.

TUE 04:32 In the Studio (w3ct4yfc)

SOIL and Ben Lovett: The architects of music

Brooklyn-based architectural practice SOIL's designs grace five continents; they have garnered a reputation for crafting exquisite arts spaces. They are joined by musician Ben Lovett, one of the founding members of folk rock outfit, Mumford & Sons. When he is not on stage, he puts his energy into reinvigorating tired music venues with his company TVG. Launching in 2016, TVG is now a leader in this field, helping to ensure the survival of spectacular independent venues which would otherwise be vulnerable to closure.

The opportunity to design a cultural space is a once-in-a-lifetime opportunity for any architect. For every 100,000 homes, five museums and one concert hall are funded. In this episode of In the Studio, we get behind-the-scenes and under

the floorboards with the SOIL experts as they describe how their philosophy and processes enrich and shape their buildings.

Ben's experience as a musician and performer, and now as a venue developer, provides him with a unique perspective on these types of spaces, understanding the needs of performers as well as those of the audience. He also grasps how these spaces can directly affect and inspire composers and other artists. The guests discuss what makes a successful performance space, and the importance of architecture in music's long-term development.

Presenter: Ben Lovett
Producer: Helen Lennard

(Image: Jing Liu, Ben Lovett and Florian Idenburg. Credit: Louise Orchard)

TUE 05:00 BBC News (w172z2qxxsqtw4l)

The latest five minute news bulletin from BBC World Service.

TUE 05:06 Newsday (w172z072023nm34)

Israel judicial reform: Crowds confront police as key law passed

Israeli police have clashed with crowds of protestors overnight after MPs approved the first in a series of judicial laws that have sparked deep divisions within the country.

The UN and North Korea have initiated talks over US soldier Travis King who sprinted across into the North.

And NASA prepares to send the first astronauts around the moon in nearly 50 years.

TUE 06:00 BBC News (w172z2qxxsqtwq)

The latest five minute news bulletin from BBC World Service.

TUE 06:06 Newsday (w172z072023nqv8)

Reports of modern slavery double in UK care sector

More than 17,000 people were reported to the British government as potential victims of modern slavery last year - the highest number since records began in 2009.

Mass demonstrations continued into the night in Israel in response to the passing of a controversial new law aimed at curbing the powers of the Supreme Court.

And the UN says 11,300 children have been killed or maimed in the 9 years of war in Yemen.

TUE 07:00 BBC News (w172z2qxxsqv3mv)

The latest five minute news bulletin from BBC World Service.

TUE 07:06 Newsday (w172z072023nvid)

Yemen: The children of a forgotten war

The UN says 11,300 children have been killed or maimed in the nine years of war in Yemen.

Italy offers to help reconstruct the Transfiguration Cathedral in Odesa, which was damaged by a missile attack by Russian forces.

And a male gorilla gives staff at a zoo in the US a surprise by giving birth.

TUE 08:00 BBC News (w172z2qxxsqv7cz)

The latest five minute news bulletin from BBC World Service.

TUE 08:06 People Fixing The World (w3ct4xzt)

The bubble barrier cleaning up rivers

How can we stop plastic flowing into our oceans? Dutch inventors have one solution, pulling plastic from the water using a 'net' made from bubbles.

Also on the programme - how sound could be used to help restore coral reefs in Australia. Scientists found playing the sounds of a healthy reef under water, could attract fish back to the site. They hope to combine this with coral seeding to rebuild reefs teeming with life.

And our last solution keeps with the water theme - looking at a hand-cranked washing machine that makes laundry quicker and easier for some of the poorest women in society.

Presenter: Myra Anubi
Producer/Reporter: Claire Bates

Producer/Reporter: Richard Kenny
Series Producer: Tom Colls
Sound Mix: Hal Haines
Editor: Penny Murphy

email: peoplefixingtheworld@bbc.co.uk

Image: Philip Ehrhorn (BBC)

TUE 08:30 BBC News Summary (w172z2rr7nbj1nc)

The latest two minute news summary from BBC World Service.

TUE 08:32 Business Daily (w3ct4n3v)

The new Panama Canal?

The Bioceanic Highway, aims to link Chile's Pacific coast with Brazil's Atlantic coastline.

We're in landlocked Paraguay to find out how one of the world's biggest infrastructure projects, could change how people there do business, especially the Mennonites, a powerful, religious farming community who live directly in the new highways' path.

Presenter / producer: Jane Chambers
Image: Bioceanic highway in Paraguay; Credit: Bob Howard

TUE 08:50 Witness History (w3ct4xgf)

Brain: The first personal computer virus

'Welcome to the dungeon' was the message that flashed up on computer screens in 1986.

This was thought to be the first virus for personal computers and became known as 'Brain'.

'Brain' spread around the world and became infamous when it was featured in newspapers and magazines.

Amjad Farooq Alvi tells Gill Kearsley how he and his brother, Basit, came to develop this accidental virus from their shop in Lahore, Pakistan.

(Photo: The 'Brain' computer virus. Credit: Amjad and Basit Alvi)

TUE 09:00 BBC News (w172z2qxxsqvc43)

The latest five minute news bulletin from BBC World Service.

TUE 09:06 The Newsroom (w172z2tfl5qdns9)

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

TUE 09:30 BBC News Summary (w172z2rr7nbj1qd)

The latest two minute news summary from BBC World Service.

TUE 09:32 The Documentary (w3ct5j1s)

[Repeat of broadcast at 02:32 today]

TUE 10:00 BBC News (w172z2qxxsqvqwg7)

The latest five minute news bulletin from BBC World Service.

TUE 10:06 The Arts Hour (w3ct4v18)

[Repeat of broadcast at 20:06 on Saturday]

TUE 11:00 BBC News (w172z2qxxsqvqlmc)

The latest five minute news bulletin from BBC World Service.

TUE 11:06 The Newsroom (w172z2tfl5qdx8k)

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

TUE 11:30 BBC News Summary (w172z2rr7nbj1ywr)

The latest two minute news summary from BBC World Service.

TUE 11:32 In the Studio (w3ct4yfc)

[Repeat of broadcast at 04:32 today]

TUE 12:00 BBC News (w172z2qxxsqvqwh)

The latest five minute news bulletin from BBC World Service.

TUE 12:06 Outlook (w3ct4qwq)

The US border guard who fought his own deportation

After refusing entry to thousands of people on the US-Mexico border, Raul Rodriguez found himself in their shoes. He had

lived in Texas since the age of five, after he moved in with relatives. His parents, who lived in Mexico, always told him that he had been born in United States and so had to go to school there. He served in the US Navy and was 19 years into his career as a border guard when he was confronted with a shocking discovery, that his birth certificate was fake. He was sacked from his job and had to fight a legal battle to stay in the country he had served for decades.

Presenter: Jo Fidgen
Producer: Rob Wilson

Get in touch: outlook@bbc.co.uk or WhatsApp +44 330 678 2707

(Photo credit: Courtesy of Raul Rodriguez)

TUE 12:50 Witness History (w3ct4xgf)
[Repeat of broadcast at 08:50 today]

TUE 13:00 BBC News (w172z2qxsxqv3m)
The latest five minute news bulletin from BBC World Service.

TUE 13:06 The Newsroom (w172z2tf15qf4rt)
The world's Newsroom brings you global events as they happen

TUE 13:30 BBC News Summary (w172z2rr7nbk6d0)
The latest two minute news summary from BBC World Service.

TUE 13:32 Discovery (w3ct4nnn)
[Repeat of broadcast at 20:32 on Monday]

TUE 14:00 BBC News (w172z2qxsxqvyvr)
The latest five minute news bulletin from BBC World Service.

TUE 14:06 Newshour (w172z09jb7xrm35)
The children suffering in Yemen's forgotten war

For nine years, a Sunni-led coalition and Yemen's Iranian-backed Houthis rebels have been at war. The BBC's Orla Guerin reports from Taiz in southwest Yemen on how the war has impacted children and the UN humanitarian co-ordinator in Yemen, David Cressly, gives us the latest details on the conflict.

Also in the programme: China removes Foreign Minister Qin Gang from office; and we get the latest on the wildfires in Italy, Greece and Algeria.

(Image: A child who lost his leg after being hit by a shell. Credit: Goktay Koraltan/BBC)

TUE 15:00 BBC News (w172z2qxsxqw2lw)
The latest five minute news bulletin from BBC World Service.

TUE 15:06 People Fixing The World (w3ct4xzt)
[Repeat of broadcast at 08:06 today]

TUE 15:30 BBC News Summary (w172z2rr7nbkfw8)
The latest two minute news summary from BBC World Service.

TUE 15:32 World Business Report (w3ct4zpj)
IMF upgrades forecast for the global economy

The International Monetary Fund has upgraded its forecast for the global economy in 2023. We look at the new figures and why the institution is feeling more positive about the world's economic recovery - while warning about remaining threats.

Also in the programme, we hear about the economic impact of the wildfires in Greece and the new road being built in Paraguay to rival with the Panama Canal.

(Picture: Financial and Economic Concept - IMF letters on wooden blocks. Picture credit: Getty Images)

TUE 16:00 BBC News (w172z2qxsxqw6c0)
The latest five minute news bulletin from BBC World Service.

TUE 16:06 BBC OS (w172z0vxc1dt80m)
Yemen: thousands of children dead from years of war

The UN says 11,300 children have been killed or maimed in the 9 years of war in Yemen, the Arab world's poorest country. The BBC's chief international correspondent speaks to the show from the country.

At least 34 people have been killed and thousands evacuated after wildfires broke out across Algeria, and wildfires continue to spread across Europe. We'll hear from people affected.

As the Barbie movie breaks box office records for a women-directed film, we look at the progress and challenges for women in the industry.

And dozens of prison guards in Ecuador are being held against their will by inmates in five jails.

Presenter: Peter Okwoche.

(Yemeni pupils walk towards their classrooms in Sana'a, Yemen. Yahya Arhab via EPA-EFE/REX/Shutterstock)

TUE 17:00 BBC News (w172z2qxsxqwb34)
The latest five minute news bulletin from BBC World Service.

TUE 17:06 BBC OS (w172z0vxc1dtcrr)
Wildfires break out in North Africa

At least 34 people have been killed and thousands evacuated after wildfires broke out across Algeria, the country's interior ministry says. We'll hear from people affected.

The UN says 11,300 children have been killed or maimed in the 9 years of war in Yemen, the Arab world's poorest country. The BBC's chief international correspondent reports.

The Women's World Cup in Australia and New Zealand is believed to be the biggest women's sport event ever stage. We discuss the progress made but also the challenges for female athletes.

And we'll be joined by our climate correspondent to take listener questions about climate change resilience and electric cars.

Presenter: Peter Okwoche.

(Photo: A forest fire burns near the village of Zerberber, Bouira province in Algeria, 24 July 2023. REX/Shutterstock)

TUE 18:00 BBC News (w172z2qxsxqwf8)
The latest five minute news bulletin from BBC World Service.

TUE 18:06 Outlook (w3ct4qwg)
[Repeat of broadcast at 12:06 today]

TUE 18:50 Witness History (w3ct4xgf)
[Repeat of broadcast at 08:50 today]

TUE 19:00 BBC News (w172z2qxsxqwkld)
The latest five minute news bulletin from BBC World Service.

TUE 19:06 The Newsroom (w172z2tf15qfw7l)
The world's Newsroom brings you global events as they happen

TUE 19:30 BBC News Summary (w172z2rr7nbkxvs)
The latest two minute news summary from BBC World Service.

TUE 19:32 Sport Today (w3ct4syn)
2023/07/25 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 (w172z2qxsxqwpbj)
The latest five minute news bulletin from BBC World Service.

TUE 20:06 The Documentary (w3ct5j1s)
[Repeat of broadcast at 02:32 today]

TUE 20:30 BBC News Summary (w172z2rr7nbl1lx)
The latest two minute news summary from BBC World Service.

TUE 20:32 Tech Life (w3ct4tq4)
X marks the spot

Zoe Kleinman and Shiona McCallum talk about X, the new name for Twitter, as Elon Musk continues making changes at the firm. What will the rebrand mean and where does the platform go next? We also try the eye scanning 'orb' that's been created to verify crypto payments. And we're behind the scenes at CERN in Switzerland and talk to the creator of the AI

League game that is accompanying the FIFA Women's World Cup

(Image: A worker begins removing the sign at Twitter HQ (Justin Sullivan / Getty))

TUE 21:00 BBC News (w172z2qxsxqwt2n)
The latest five minute news bulletin from BBC World Service.

TUE 21:06 Newshour (w172z09jb7xsgb2)
Algeria wildfires

At least 34 people have been killed and thousands evacuated after wildfires broke out across Algeria, the country's interior ministry says. The most extensive fires, in the mountainous Kabylie region to the east of Algiers, spread to residential areas in the coastal towns of Bejaia and Jijel, fanned by high winds.

Also on the programme: Belgium's biggest ever terror trial finds six men guilty of terrorist murder; and the IMF says it is optimistic about economic recovery, but only for the richer countries.

(Image: Men stand near burnt vehicles in the aftermath of a wildfire in Bejaia, Algeria on 25 July 2023. Credit: REUTERS/Boudina)

TUE 22:00 BBC News (w172z2qxsxqwxts)
The latest five minute news bulletin from BBC World Service.

TUE 22:06 People Fixing The World (w3ct4xzt)
[Repeat of broadcast at 08:06 today]

TUE 22:30 BBC News Summary (w172z2rr7nbl935)
The latest two minute news summary from BBC World Service.

TUE 22:32 In the Studio (w3ct4yfc)
[Repeat of broadcast at 04:32 today]

TUE 23:00 BBC News (w172z2qxsxqx1kx)
The latest five minute news bulletin from BBC World Service.

TUE 23:06 The Newsroom (w172z2sm4g3s1st)
The world's Newsroom brings you global events as they happen

TUE 23:20 Sports News (w172z1k0ln672zy)
BBC Sport brings you all the latest stories and results from around the world.

TUE 23:30 BBC News Summary (w172z2rr7nbl9v9)
The latest two minute news summary from BBC World Service.

TUE 23:32 World Business Report (w3ct4zrs)
A big tech week begins

Some of the world's biggest tech companies have reported their latest results, as Alphabet, Microsoft and Snap Inc all announce earnings.

Microsoft and Alphabet have both launched an array of AI products since OpenAI, backed by Microsoft, released ChatGPT late last year.

Ed Butler hears from tech investors about what the future holds for the industry and its biggest firms.

(Picture: Google, Microsoft and Alphabet logos and AI Artificial Intelligence words are seen in this illustration taken, May 4, 2023. Credit: REUTERS/Dado Ruvic/File Photo)

WEDNESDAY 26 JULY 2023

WED 00:00 BBC News (w172z2qxsxqx5b1)
The latest five minute news bulletin from BBC World Service.

WED 00:06 The Arts Hour (w3ct4vl8)
[Repeat of broadcast at 20:06 on Saturday]

WED 01:00 BBC News (w172z2qxsxqx925)
The latest five minute news bulletin from BBC World Service.

WED 01:06 Business Matters (w172zyrn97d6tgh)
Results week begins for the tech world

World Service Listings for 22 – 28 July 2023		Page 10 of 16
<p>Several major tech companies, including Alphabet, Microsoft, and Snap Inc., have announced their latest earnings reports.</p> <p>Both Alphabet and Microsoft have introduced a range of AI products following the release of ChatGPT by OpenAI, which was backed by Microsoft.</p> <p>Ed Butler discusses this and more economic and business news from around the world with Rebecca Choong Wilkins, Bloomberg's 'Senior Asia Correspondent', based in Hong Kong and Andy Uhler, a research fellow at Columbia University in New York and the University of Texas in Austin.</p> <p>(Picture: In this photo illustration, a Google logo is seen on a smartphone with a Microsoft logo in the background. Credit: Pavlo Gonchar/SOPA Images/LightRocket via Getty Images)</p> <p>WED 02:00 BBC News (w172z2qxsxqxdt9) The latest five minute news bulletin from BBC World Service.</p> <p>WED 02:06 The Newsroom (w172z2tfl5qgqgh) The world's Newsroom brings you global events as they happen</p> <p>WED 02:30 BBC News Summary (w172z2rr7nb1s2p) The latest two minute news summary from BBC World Service.</p> <p>WED 02:32 The Climate Question (w3ct5bk8) [Repeat of broadcast at 22:06 on Sunday]</p> <p>WED 03:00 BBC News (w172z2qxsxqjkf) The latest five minute news bulletin from BBC World Service.</p> <p>WED 03:06 Outlook (w3ct4qwq) [Repeat of broadcast at 12:06 on Tuesday]</p> <p>WED 03:50 Witness History (w3ct4xgf) [Repeat of broadcast at 08:50 on Tuesday]</p> <p>WED 04:00 BBC News (w172z2qxsxqxn9k) The latest five minute news bulletin from BBC World Service.</p> <p>WED 04:06 The Newsroom (w172z2tfl5qgyyr) The world's Newsroom brings you global events as they happen</p> <p>WED 04:30 BBC News Summary (w172z2rr7nbm0ky) The latest two minute news summary from BBC World Service.</p> <p>WED 04:32 On the Podium (w3ct5hzl) Birgit Skarstein: Paralympic role model</p> <p>From rowing gold to tackling taboos. Paralympian Birgit Skarstein challenges stereotypes. A gold medallist at the Tokyo Paralympics, she campaigns for women's sport and disability rights.</p> <p>WED 05:00 BBC News (w172z2qxsxqs1p) The latest five minute news bulletin from BBC World Service.</p> <p>WED 05:06 Newsday (w172z072023rj07) Ecuador declares state of emergency in prisons</p> <p>The government of Ecuador has declared a state of emergency in all prisons in the country, and authorised the armed forces to take control, following a wave of violence.</p> <p>Ukraine's farmers seek alternatives after the collapse of the Black Sea grain deal.</p> <p>And questions in the UK over whether a proposed 2030 ban on new petrol and diesel cars will go ahead.</p> <p>WED 06:00 BBC News (w172z2qxsxqwwst) The latest five minute news bulletin from BBC World Service.</p> <p>WED 06:06 Newsday (w172z072023rmrc) Ecuador prison riot leaves 31 inmates dead</p> <p>The government of Ecuador has declared a state of emergency in all prisons in the country, and authorised the armed forces to take control, following a wave of violence.</p> <p>The Greek government has confirmed that two crew members died when their plane crashed as it battled wildfires.</p>	<p>And after eight years of civil war in Yemen, the UN says 21 million people need humanitarian assistance.</p> <p>WED 07:00 BBC News (w172z2qxsxqy0jy) The latest five minute news bulletin from BBC World Service.</p> <p>WED 07:06 Newsday (w172z072023rrhh) State of emergency declared in Ecuador's prisons</p> <p>Ecuador has declared a nationwide state of emergency in its prisons following a wave of violence.</p> <p>With the return of daylight, firefighters are stepping up their efforts to tackle wildfires on islands in Greece and Italy.</p> <p>And after eight years of civil war in Yemen, the UN says 21 million people need humanitarian assistance.</p> <p>WED 08:00 BBC News (w172z2qxsxqy492) The latest five minute news bulletin from BBC World Service.</p> <p>WED 08:06 HARDtalk (w3ct4p7q) Agnes Callamard: Is Amnesty facing a credibility crisis?</p> <p>Holding governments to account for their abuses of human rights is hard. It requires focused forensic investigation, impartiality and no little courage. For six decades, Amnesty International has been advocating for prisoners of conscience in the face of state repression. But in recent times it's both broadened its focus and faced unprecedented criticism. Stephen Sackur speaks to Agnes Callamard, Amnesty's secretary general. Is her organisation facing a credibility crisis?</p> <p>WED 08:30 BBC News Summary (w172z2rr7nbmhkg) The latest two minute news summary from BBC World Service.</p> <p>WED 08:32 Business Daily (w3ct4n8c) The chocolate village</p> <p>Peter MacJob visits Eti-Oni village in south-west Nigeria, home to the oldest cocoa plantation in the country. It's king, HRH Oba Dokun Thompson, is on a mission to transform the economy of the community by manufacturing chocolates and selling in some of the finest shops across Europe.</p> <p>Over 90% of Eti-Oni's inhabitants are cocoa farmers and although the cocoa industry is worth almost \$130bn a year the money does not flow back to cocoa farmers. To try and change this King Thompson has partnered with Beech's fine chocolate in Preston in the north-west of England.</p> <p>Presenter / producer: Peter MacJob Image: HRH Oba Dokun Thompson; Credit: HRH Oba Dokun Thompson</p> <p>WED 08:50 Witness History (w3ct4xjp) The Pope's controversial Nicaragua visit</p> <p>In 1983 Pope John Paul II visited Nicaragua as part of an eight-day tour of Central America.</p> <p>His trip came at a time of heightened tensions between the ruling Sandinista revolutionaries and the country's Roman Catholic hierarchy.</p> <p>The Pope, a staunch anti-communist, condemned members of the Nicaraguan clergy serving in the left-wing government and was heckled by Sandinista supporters during a large open-air mass in the capital, Managua.</p> <p>Mike Lanchin has been hearing the memories of Nicaraguan Carlos Pensque, who turned out to protest as the Pope passed by, and of former US Catholic News Service reporter, Nancy Frazier O'Brien, who covered the papal visit. A CTVc production for BBC World Service.</p> <p>(Photo: Pope John Paul II. Credit: Bettmann via Getty Images)</p> <p>WED 09:00 BBC News (w172z2qxsxqy816) The latest five minute news bulletin from BBC World Service.</p> <p>WED 09:06 The Newsroom (w172z2tfl5qhkpd) The world's Newsroom brings you global events as they happen</p> <p>WED 09:30 BBC News Summary (w172z2rr7nbmm9l) The latest two minute news summary from BBC World Service.</p> <p>WED 09:32 The Climate Question (w3ct5bk8)</p>	<p>[Repeat of broadcast at 22:06 on Sunday]</p> <p>WED 10:00 BBC News (w172z2qxsxqycsb) The latest five minute news bulletin from BBC World Service.</p> <p>WED 10:06 The Forum (w3ct4vc2) [Repeat of broadcast at 12:06 on Saturday]</p> <p>WED 11:00 BBC News (w172z2qxsxqyhjg) The latest five minute news bulletin from BBC World Service.</p> <p>WED 11:06 The Newsroom (w172z2tfl5qht5n) The world's Newsroom brings you global events as they happen</p> <p>WED 11:30 BBC News Summary (w172z2rr7nbmvsv) The latest two minute news summary from BBC World Service.</p> <p>WED 11:32 On the Podium (w3ct5hzl) [Repeat of broadcast at 04:32 today]</p> <p>WED 12:00 BBC News (w172z2qxsxqym8l) The latest five minute news bulletin from BBC World Service.</p> <p>WED 12:06 Outlook (w3ct4r3h) Secret studies, glass beads and a beautiful brain scan</p> <p>When Afghan Medical Physicist Dr Shakardokht Jafari was just a teenager, she negotiated her way out of several arranged marriages to be allowed to stay in school. When she saw an MRI scan of her sister's brain she was amazed at the detailed images of the human body it could produce. She made up her mind to go to university and studied in secret to get there and read radiation technologies. After her father was diagnosed with leukaemia and she had to take him abroad for treatment, Shakar was determined to improve Afghanistan's cancer care. She moved to the UK to get higher qualifications, became the first Afghan woman to receive a PhD in Medical Physics, and is now on a mission to improve radiotherapy treatment around the world.</p> <p>Presenter: Jo Fidgen Producer: Olivia Lynch-Kelly</p> <p>Get in touch: outlook@bbc.com or WhatsApp +44 330 678 2707</p> <p>(Photo: Dr Shakardokht Jafari in a radiation lab. Credit: Courtesy of Dr Shakardokht Jafari)</p> <p>WED 12:50 Witness History (w3ct4xjp) [Repeat of broadcast at 08:50 today]</p> <p>WED 13:00 BBC News (w172z2qxsxqyr0q) The latest five minute news bulletin from BBC World Service.</p> <p>WED 13:06 The Newsroom (w172z2tfl5qj1nx) The world's Newsroom brings you global events as they happen</p> <p>WED 13:30 BBC News Summary (w172z2rr7nbm393) The latest two minute news summary from BBC World Service.</p> <p>WED 13:32 Tech Life (w3ct4tq4) [Repeat of broadcast at 20:32 on Tuesday]</p> <p>WED 14:00 BBC News (w172z2qxsxqyrvr) The latest five minute news bulletin from BBC World Service.</p> <p>WED 14:06 Newshour (w172z09jb7xvj08) Wildfires in Sicily "melting power cables"</p> <p>Wildfires continue to blaze across several Mediterranean countries. In Sicily power cables have melted, knocking out the electricity supply and affecting water pumps and cooling systems - we hear from the Mayor of Catania. Green issues are at the forefront of plans for next year's Olympics in Paris. And a London jury has found the Hollywood actor Kevin Spacey not guilty of multiple charges of sexual assault.</p> <p>(IMAGE: A man tries to extinguish a wildfire in the Sicilian village of Altofonte, near Palermo, Italy July 26, 2023. REUTERS/Alberto Lo Bianco)</p>
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WED 15:00 BBC News (w172z2qxsxqyzhz)

The latest five minute news bulletin from BBC World Service.

WED 15:06 HARDtalk (w3ct4p7q)

[Repeat of broadcast at 08:06 today]

WED 15:30 BBC News Summary (w172z2rr7nbnbsc)

The latest two minute news summary from BBC World Service.

WED 15:32 World Business Report (w3ct4zv1)

Will China's new central banker fix the crisis?

China has named Pan Gongsheng as the new governor of its central bank, the People's Bank of China (PBOC). The country is experiencing challenging economic times, with sluggish consumer spending, a crisis in the property market, weakening exports, record youth unemployment, and high local government debt.

China's political leadership has played down the severity of its economic issues, but this new appointment shows signs that that might be changing.

(Picture: Pan Gongsheng, the new governor of China's central bank. Picture credit: Getty Images)

WED 16:00 BBC News (w172z2qxsxqz383)

The latest five minute news bulletin from BBC World Service.

WED 16:06 BBC OS (w172z0vxc1dx4xq)

Mediterranean wildfires kill more than 40

The EU commission says the wildfires threaten lives, livelihoods, and ecosystems across the Mediterranean and North Africa. We hear from people affected and explain why and how wildfires are happening.

We talk about a massive security operation in Ecuador to free dozens of prison guards who were taken hostage by inmates.

We continue our conversations about women's sport and bring together a Canadian boxer, a Ghanaian footballer and a Nigerian-American basketball player to talk about gender pay gap in sport.

The eldest son of LeBron James is in a stable condition after suffering a cardiac arrest. We talk to a sports journalist about what happened.

A new study suggests strength-training exercises such as wall squats or holding the plank position are among the best ways to lower blood pressure. We get messages from listeners about their exercise routines.

Presenter: James Reynolds.

(Photo: Souhila Belkati carries her child inside her burnt house, following a wildfire in Bejaia, Algeria July 25, 2023. Credit: Ramzi Boudina TPX IMAGES OF THE DAY/Reuters)

WED 17:00 BBC News (w172z2qxsxqz707)

The latest five minute news bulletin from BBC World Service.

WED 17:06 BBC OS (w172z0vxc1dx8nv)

Kevin Spacey cleared of sex offences

The Oscar-winning actor Kevin Spacey has been found not guilty of nine sex offences by a court in London. We have the latest from the court and speak to an entertainment reporter.

Doctors in Nigeria's public hospitals have started what they call a "total and indefinite strike". They say the government has to address previous or ongoing grievances. We hear from two doctors.

More than 40 people have died in Algeria, Italy and Greece as Mediterranean wildfires continue to threaten villages and holiday resorts. We hear from people affected.

We continue our conversations about women's sport and bring together a Canadian boxer, a Ghanaian footballer and a Nigerian-American basketball player to talk about gender pay gap in sport.

Presenter: James Reynolds.

(Photo: Actor Kevin Spacey outside Southwark Crown Court, London, after he was found not guilty of sexually assaulting four men following a trial. July 26, 2023. Credit: Yui Mok/PA Wire)

WED 18:00 BBC News (w172z2qxsxqzbrc)

The latest five minute news bulletin from BBC World Service.

WED 18:06 Outlook (w3ct4r3h)

[Repeat of broadcast at 12:06 today]

WED 18:50 Witness History (w3ct4xjp)

[Repeat of broadcast at 08:50 today]

WED 19:00 BBC News (w172z2qxsxqzghh)

The latest five minute news bulletin from BBC World Service.

WED 19:06 The Newsroom (w172z2tfl5qjs4p)

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

WED 19:30 BBC News Summary (w172z2rr7nbntrw)

The latest two minute news summary from BBC World Service.

WED 19:32 Sport Today (w3ct4t0x)

2023/07/26 GMT

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

WED 20:00 BBC News (w172z2qxsxqz17m)

The latest five minute news bulletin from BBC World Service.

WED 20:06 The Climate Question (w3ct5bk8)

[Repeat of broadcast at 22:06 on Sunday]

WED 20:30 BBC News Summary (w172z2rr7nbnj0)

The latest two minute news summary from BBC World Service.

WED 20:32 Health Check (w3ct4pd7)

Playing catch up on childhood immunisations

The World Health Organisation and UNICEF say global immunisation services reached 4 million more children in 2022 compared to the previous year, after a huge backslide during the Covid 19 pandemic. But the progress in countries like India and Indonesia masks continued decline in many lower income countries. Global health expert Tabitha Mwangi and Claudia Hammond discuss how immunisation numbers can bounce back.

They also look at new research from Sub-Saharan Africa that suggests as many as one in 10 teenagers might have high blood pressure, and what might be the most effective way of lowering it?

While you may be gripped by the action from the Women's football World Cup in Australia and New Zealand, Dr Kerry Peek is keeping a careful eye on the games for health reasons. She's one of a team of 'concussion spotters' deployed this year for the first time at the tournament. Claudia asks her why professional sports women are more at risk from head injuries than men.

And are you a perfectionist? Psychologist Dr Thom Curran says striving to be perfect could put our mental health at risk.

Presenter: Claudia Hammond

Producers: Clare Salisbury and Dan Welsh

(Photo: A child gets administered the polio vaccine from a health worker in Kabul, Afghanistan, 15 May 2023. Credit: SAMIULLAH POPAL Samiullah Popal/EPA)

WED 21:00 BBC News (w172z2qxsxqzpzr)

The latest five minute news bulletin from BBC World Service.

WED 21:06 Newshour (w172z09jb7xwc75)

Kevin Spacey found not guilty

A jury in London has found Kevin Spacey not guilty of all nine sexual offences he was charged with. We look at the verdict's implications for the Hollywood actor's career and the future of the MeToo movement. Also on the programme: The Indian parliament is to hold a vote of no confidence in the government of Narendra Modi over ethnic violence in Manipur; and tributes to Sinéad O'Connor, who has died at the age of 56.

(IMAGE: Spacey speaks with the media outside Southwark Crown Court on 26 July CREDIT: REUTERS/Susannah Ireland)

WED 22:00 BBC News (w172z2qxsxqztqw)

The latest five minute news bulletin from BBC World Service.

WED 22:06 HARDtalk (w3ct4p7q)

[Repeat of broadcast at 08:06 today]

WED 22:30 BBC News Summary (w172z2rr7nbp608)

The latest two minute news summary from BBC World Service.

WED 22:32 On the Podium (w3ct5hzi)

[Repeat of broadcast at 04:32 today]

WED 23:00 BBC News (w172z2qxsxqzyh0)

The latest five minute news bulletin from BBC World Service.

WED 23:06 The Newsroom (w172z2sm4g3vypx)

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

WED 23:20 Sports News (w172z1k0ln69zx1)

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

WED 23:30 BBC News Summary (w172z2rr7nbp9rd)

The latest two minute news summary from BBC World Service.

WED 23:32 World Business Report (w3ct4zx9)

US interest rates hit 22-year high

The rise of **0.25%** by the US Federal Reserve raised rates to **5.25%**-**5.5%**, marking the eleventh increase since early 2022.

This is despite inflation in the country being 3% last month, with the Fed non-committal over future hikes.

Ed Butler finds out how this is affecting businesses in the country, and what they want to see happen next.

(Picture: U.S. Federal Reserve Chairman Jerome Powell speaks during a news conference after the release of the Fed policy decision to keep interest rates unchanged, at the Federal Reserve in Washington, U.S. June 14, 2023. Credit: REUTERS/Kevin Lamarque/File Photo)

THURSDAY 27 JULY 2023**THU 00:00 BBC News (w172z2qxsxr0274)**

The latest five minute news bulletin from BBC World Service.

THU 00:06 The Forum (w3ct4vc2)

[Repeat of broadcast at 12:06 on Saturday]

THU 01:00 BBC News (w172z2qxsxr05z8)

The latest five minute news bulletin from BBC World Service.

THU 01:06 Business Matters (w172zyrn97d9qcl)

US Federal Reserve raises rates to historic high, again

Despite inflation being 3% last month, the Federal Reserve raised rates for the 11th time in just over a year.

The benchmark rate rose to a range of **5.25%** to **5.5%**, the highest level for over 2 decades.

Ed Butler discusses this and all the other business and economic news from around the world with Walter Todd, president and chief investment officer of Greenwood Capital in South Carolina and Jessica Khine, a Corporate Advisor for Astris Advisory, based in Malaysia.

(Photo: A trader works inside a booth, as screens display a news conference by Federal Reserve Board Chairman Jerome Powell following the rate announcement, on the floor of the New York Stock Exchange, 26 July, 2023. Credit: Brendan McDermid/Reuters)

THU 02:00 BBC News (w172z2qxsxr09qd)

The latest five minute news bulletin from BBC World Service.

THU 02:06 The Newsroom (w172z2tfl5qkmdl)

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

THU 02:30 BBC News Summary (w172z2rr7nbpnzs)

The latest two minute news summary from BBC World Service.

THU 02:32 Assignment (w3ct4m79)

Botswana: Living with elephants

The battle to keep the peace between people and elephants in northern Botswana.

The earth's largest land mammal, the elephant, is an endangered species. Poaching, habitat loss and disease have decimated elephant populations. But not in Botswana, which has the world's biggest population of elephants. In the north of the country, in the area around the remarkable Okavango Delta (the world's largest inland delta), elephant numbers are growing and they outnumber people. This can pose serious problems for the human population, particularly local subsistence farmers. A crop raid by elephants can destroy a family's annual food supply overnight. Elephants also pose a risk to life in their daily commute between their feeding grounds and their water sources.

John Murphy travels to the top of the Okavango Delta, to see what efforts are being made to keep both people and elephants safe, and to persuade locals that these giant animals are an asset not a liability. He also explores threats from further afield to this green jewel in the desert, the Okavango Delta, which animals and people alike depend on.

Presenter: John Murphy
Producer: Charlotte Ashton
Studio Mix: Rod Farquhar
Editor: Penny Murphy

(Image: Elephant wading in Botswana's Okavango Delta. Credit: Brytta/Getty)

THU 03:00 BBC News (w172z2qxssr0fgj)

The latest five minute news bulletin from BBC World Service.

THU 03:06 Outlook (w3ct4r3h)

[Repeat of broadcast at 12:06 on Wednesday]

THU 03:50 Witness History (w3ct4xjp)

[Repeat of broadcast at 08:50 on Wednesday]

THU 04:00 BBC News (w172z2qxssr0k6n)

The latest five minute news bulletin from BBC World Service.

THU 04:06 The Newsroom (w172z2tf15qkvvv)

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

THU 04:30 BBC News Summary (w172z2rr7nbpqh1)

The latest two minute news summary from BBC World Service.

THU 04:32 The Food Chain (w3ct4v70)

Immersive dining

Immersive dining has become something of a culinary craze in recent years.

As well as serving food, restaurants are providing multi-sensory experiences for customers; transforming their dining spaces into places where people can escape.

In this edition of The Food Chain, we take a look at immersive dining establishments around the world, exploring why customers are increasingly choosing to be entertained while they eat, and asking – is this dining trend a bit of a fad, or is it the future of eating out?

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

(Picture: Diners eating at tables surrounded by flowing water, at Labassin Waterfall restaurant in the Philippines)

Presenter: Izzy Greenfield
Producer: Elisabeth Mahy

THU 05:00 BBC News (w172z2qxssr0nys)

The latest five minute news bulletin from BBC World Service.

THU 05:06 Newsday (w172z072023vdxh)

Niger coup: President Bazoum held by military officers

Military officers in Niger say they have overthrown the president and suspended all state institutions. There has been widespread international condemnation, including from the US Secretary of State.

El Salvador's parliament has approved group trials for thousands of people detained during a nationwide crackdown on criminal gangs.

Witnesses tell a US Congressional committee that the US has a secret UFO programme that has been kept from the oversight of politicians.

And tributes have been paid to the singer Sinead O'Connor who has died at the age of fifty six.

THU 06:00 BBC News (w172z2qxssr0spx)

The latest five minute news bulletin from BBC World Service.

THU 06:06 Newsday (w172z072023vjng)

Niger coup: President Bazoum held by military officers

A group of soldiers in Niger have announced a coup on national TV. They say they have dissolved the constitution, suspended all institutions and closed the nation's borders. Niger President Bazoum is being held by troops from the presidential guard. There has been widespread condemnation of the coup and the US Secretary of State, Anthony Blinken, has called for President Bazoum's release.

One of the world's longest-serving leaders in Cambodia has announced he will resign and hand over to his son.

And the General in charge of Ukraine's counter offensive against Russia says multi-layered minefields and fortified defensive lines were preventing his forces from advancing quickly in the south of Ukraine.

THU 07:00 BBC News (w172z2qxssr0xg1)

The latest five minute news bulletin from BBC World Service.

THU 07:06 Newsday (w172z072023vndl)

Niger coup: President Bazoum held by military officers

Military officers in Niger have carried out a coup, suspended all state institutions and closed the country's borders. The President Mohamed Bazoum has been held by troops from the presidential guard since early on Wednesday. Benin's president, Patrice Talon, has arrived in the capital Niamey on a mediation mission.

African leaders arrive in Russia for a summit as President Putin seeks to increase Russia's influence in their continent.

A former prisoner of war opens up on more than 50 years forced labour as North and South Korea celebrate 70 years since the signing of the armistice.

And tributes have been paid to the singer Sinead O'Connor who has died at the age of fifty six.

THU 08:00 BBC News (w172z2qxssr1165)

The latest five minute news bulletin from BBC World Service.

THU 08:06 The Inquiry (w3ct4wd5)

Are weight loss drugs the answer to obesity?

In June 2023 the British government announced a £40 million pilot scheme to increase access to specialist weight management services in England - It reads "Using the latest drugs to support people to lose weight will be a game-changer."

The scheme will use prescription drugs like Wegovy and Ozempic, a once weekly injection that slows down the emptying of the stomach and suppresses the hunger hormone in our brains. Both these medications are made of the same of the same drug called Semaglutide.

Semaglutide mimics the hormone released by the body when we eat food, helping people feel fuller for longer and suppressing mental chatter about various food cravings. When prescribed alongside diet, physical exercise and behavioural support, the drug can help obese people lose 15% of their body weight.

Ozempic has been used to treat sufferers of type 2 diabetes since 2018 when doctors noticed that alongside increasing insulin the drug helped people lose weight. In 2021 the drug was approved as a fat loss injection under the name Wegovy.

Since then, stories of the 'fat loss wonder drug' have lit up social media, rumours are rife about who might be using it in Hollywood and international demand has skyrocketed.

But it's not meant for shedding a few pounds to fit into your favourite frock. So this week were asking are weight loss drugs the answer to obesity?

Contributors:

Dr Disha Narang Director of obesity medicine at Northwestern Wake Forest Hospital
Adrian Van den Hoven Director General of Medicines for Europe

Dr Jena Tronieri Director of Clinical Services at its Department of Psychiatry's Center for Weight and Eating Disorders at the Perelman School of Medicine

Josh Jordy CEO of Eracal Therapeutics a biotech company based in Switzerland.

Presenter Charmaine Cozier
Producer Anoushka Mutanda-Dougherty
Editor Tara McDermott
Researched by Bisi Adebayo
Mixed by Cameron Ward
Production Co-ordinator Brenda Brown

(Overweight person on scales./Credit: Peter Dazely/Getty images)

THU 08:30 BBC News Summary (w172z2rr7nbqdgk)

The latest two minute news summary from BBC World Service.

THU 08:32 Business Daily (w3ct4mzb)

Business daily meets: Janelle Jones

Janelle Jones is currently the chief economist of one of the biggest union movements in America and before that she worked in White House. Janelle was the first black woman to serve as chief economist in the Labor department. She tells us about her time there, how she got into economics and what keeps her grounded.

Presenter: Devina Gupta
Production: Sam Clack and Carmel O'Grady
Image:

THU 08:50 Witness History (w3ct4xd5)

The 1960 coup against Haile Selassie

In December 1960, there was an attempt to dethrone the Ethiopian emperor Haile Selassie and replace him with his son.

While the emperor was out of the country, the crown prince was taken to the headquarters of the military unit, the Imperial Bodyguard.

The conspirators, led by the troops' commander and his brother, also took top government officials hostage.

In 2015, Alex Last spoke to Dr Asfa-Wossen Asserate, the grandnephew of Haile Selassie, about the failed coup.

(Photo: Emperor Haile Selassie of Ethiopia. Credit: Terry Fincher via Getty Images)

THU 09:00 BBC News (w172z2qxssr14y9)

The latest five minute news bulletin from BBC World Service.

THU 09:06 The Newsroom (w172z2tf15qlgh)

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

THU 09:30 BBC News Summary (w172z2rr7nbqj6p)

The latest two minute news summary from BBC World Service.

THU 09:32 Assignment (w3ct4m79)

[Repeat of broadcast at 02:32 today]

THU 10:00 BBC News (w172z2qxssr18pf)

The latest five minute news bulletin from BBC World Service.

THU 10:06 Unexpected Elements (w3ct4wjlr)

Password1234#Invisibility&Moonshot

As Netflix cracks down on password sharing around the world - something it once encouraged - we wondered why people like to share passwords to other things, such as phones, email accounts and logins.

Passwords and encryption exist as ways of protecting us from hostile agents in most aspects of life. But timing is everything. Nature has been doing it for years of course. But climate change is upsetting some of the ecological match-ups of locks and keys, migration and feeding that have evolved over the millennia. We hear how the shifting patterns of weather and food availability is affecting cuckoos in Europe and India.

Another aspect of natural subterfuge is camouflage. Whilst physicists have been trying to make optical invisibility cloaks from ingenious new "metamaterials", Marc Holderied and team have been looking at how certain moths have used metamaterial properties in the structure of their wings to effectively hide from bats. They are acoustically invisible. Could similar materials be manufactured to make, for example, sound-proof

wallpaper?

Also, we hear how India's Chandrayaan-3 moon mission - due to land on 23 August this year - is exciting millions of people.

Presenter: Marnie Chesterton
Producer: Alex Mansfield, with Margaret Sessa-Hawkins, Ben Motley and Sophie Ormiston

THU 11:00 BBC News (w172z2qxsxr1dfk)
The latest five minute news bulletin from BBC World Service.

THU 11:06 The Newsroom (w172z2tfl5qlq2r)
The world's Newsroom brings you global events as they happen

THU 11:30 BBC News Summary (w172z2rr7nbnrpy)
The latest two minute news summary from BBC World Service.

THU 11:32 The Food Chain (w3ct4v70)
[Repeat of broadcast at 04:32 today]

THU 12:00 BBC News (w172z2qxsxr1j5p)
The latest five minute news bulletin from BBC World Service.

THU 12:06 Outlook (w3ct4qny)
Batonga! How a made-up word guided Angélique Kidjo's life

When singer Angélique Kidjo was bullied as a schoolgirl in Benin, West Africa, she made up a word - Batonga! It meant "Leave me alone, I'll do what I want." She's carried that spirit forward into a singing career that's seen her win five Grammy awards, break new musical ground in her own unique mix of European and African styles, and become an activist for the rights of women and girls. Angélique tells Jo Fidge about growing up in a creative family in Benin; her flight from the communist dictatorship there in the 1980s, and how the ideas Batonga! expresses became the foundation for her activism.

More information about Angélique Kidjo's world tour can be found here: <http://www.kidjo.com/tourdates>

This interview was first broadcast in May 2022.

Get in touch: outlook@bbc.com

Presenter: Jo Fidge
Producer: Laura Thomas

(Photo: Angélique Kidjo. Credit: Fabrice Mabillot)

THU 12:50 Witness History (w3ct4xd5)
[Repeat of broadcast at 08:50 today]

THU 13:00 BBC News (w172z2qxsxr1mxt)
The latest five minute news bulletin from BBC World Service.

THU 13:06 The Newsroom (w172z2tfl5qlyl0)
The world's Newsroom brings you global events as they happen

THU 13:30 BBC News Summary (w172z2rr7nbnr066)
The latest two minute news summary from BBC World Service.

THU 13:32 Health Check (w3ct4pd7)
[Repeat of broadcast at 20:32 on Wednesday]

THU 14:00 BBC News (w172z2qxsxr1rny)
The latest five minute news bulletin from BBC World Service.

THU 14:06 Newshour (w172z09jb7xydc)
Captive Niger president defiant after coup

The army in Niger, in west Africa, has given its backing to the troops who announced in a television address that they had toppled the country's elected president, Mohamed Bazoum. Mr Bazoum, who is a close ally of western countries fighting Islamist militancy, has been detained since early Wednesday by troops from the presidential guard. What could it mean for the country and the region?

Also today: the man who spent 17 years in jail for a crime he didn't commit; and scientists resolve the mystery of a 2,000-year-old grave.

(Photo: Niger Army spokesman Colonel Major Amadou Adramane speaks during an appearance on national television, after President Mohamed Bazoum was held in the presidential

palace, in Niamey, Niger, July 26, 2023. Credit: ORTN/via Reuters TV/Handout via Reuters)

THU 15:00 BBC News (w172z2qxsxr1wf2)
The latest five minute news bulletin from BBC World Service.

THU 15:06 The Inquiry (w3ct4wd5)
[Repeat of broadcast at 08:06 today]

THU 15:30 BBC News Summary (w172z2rr7nbnr7pg)
The latest two minute news summary from BBC World Service.

THU 15:32 World Business Report (w3ct4zk0)
Putin promises free grain for Africa

Russian President Vladimir Putin has told a summit of African leaders in St Petersburg that Russia will send thousands of tonnes of free grain within months. Secure food supplies have been a major worry since the invasion of Ukraine.

The European Central Bank has raised interest rates to a record level last seen in two-thousand-and-one. The key rate was increased by a quarter of a percentage point.

And, this Sunday's Belgian Formula 1 Grand Prix at the historic Spa-Francorchamps circuit could be the last.

(Picture: Russian President Vladimir Putin attending the plenary session of the second Russia-Africa summit in Saint Petersburg. Image source: Getty Images)

THU 16:00 BBC News (w172z2qxsxr2056)
The latest five minute news bulletin from BBC World Service.

THU 16:06 BBC OS (w172z0vxc1f01tt)
July set to be world's warmest month on record

Climate experts at the UN say the first three weeks of this month were the hottest on record reinforcing the urgent need to reduce the consumption of fossil fuels. Our Climate and Science Reporter Georgina Rannard explains. We also hear more messages from people affected by wildfires in the Mediterranean.

As Russia hosts a summit of African leaders, we find out what deals are expected and which African leaders have stayed away.

We bring together three female sports journalists in Kenya, Germany and the UK to share what it is like to work in a male-dominated industry.

We speak to the dancer who features in the hit movie Barbie as a Ken doll.

Presenter: James Reynolds.

(Photo: A woman uses an umbrella to protect herself from the strong sun as she walks along a street during a hot summer day in Ronda, southern Spain, July 27, 2023. Credit: Jon Nazca/Reuters)

THU 17:00 BBC News (w172z2qxsxr23xb)
The latest five minute news bulletin from BBC World Service.

THU 17:06 BBC OS (w172z0vxc1f05ky)
Coup in Niger

Niger's President Mohamed Bazoum has issued a defiant message on Twitter after soldiers announced a coup overnight in the West African nation. We hear from people in Niger and speak to our regional expert.

Following the death of Sinead O'Connor, we speak to women in Ireland about the singer's lifelong dedication to women's rights and mental health.

We bring together three female sports journalists in Kenya, Germany and the UK to share what it is like to work in a male-dominated industry.

American rapper Travis Scott has promised fans his live show in front of Egypt's pyramids will go ahead in the future despite this week's gig being cancelled. We get more details from a music journalist.

Presenter: James Reynolds.

(Photo: Hundreds of supporters of the coup gather and hold a Russian flag in front of the National Assembly in the capital Niamey, Niger July 27, 2023. Credit: Souleymane Ag Anara/Reuters)

THU 18:00 BBC News (w172z2qxsxr27ng)
The latest five minute news bulletin from BBC World Service.

THU 18:06 Outlook (w3ct4qny)
[Repeat of broadcast at 12:06 today]

THU 18:50 Witness History (w3ct4xd5)
[Repeat of broadcast at 08:50 today]

THU 19:00 BBC News (w172z2qxsxr2cdl)
The latest five minute news bulletin from BBC World Service.

THU 19:06 The Newsroom (w172z2tfl5qmp1s)
The world's Newsroom brings you global events as they happen

THU 19:30 BBC News Summary (w172z2rr7nbnrqnz)
The latest two minute news summary from BBC World Service.

THU 19:32 Sport Today (w3ct4swd)
2023/07/27 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 (w172z2qxsxr2h4q)
The latest five minute news bulletin from BBC World Service.

THU 20:06 Assignment (w3ct4m79)
[Repeat of broadcast at 02:32 today]

THU 20:30 BBC News Summary (w172z2rr7nbnrvf3)
The latest two minute news summary from BBC World Service.

THU 20:32 Science In Action (w3ct4scl)
Ocean current collapse

A large system of ocean currents known as the Atlantic meridional overturning circulation (AMOC) has been making headlines this week as a new paper predicts its imminent collapse. This could have devastating consequences for the climate. But not all climate scientist and oceanographers are convinced by the results. Stefan Rahmstorf and Eleanor Frajka-Williams debate the contentious paper.

In more positive news, huge steps have been made in the field of gene therapy. Stefano Rivella and Hamideh Parhiz tell us about their incredible mRNA delivery technology which could take much of the cost and risk out of treating debilitating disorders

And as wildfires continue to blaze around the world, reporter Melanie Brown discovers how experts study the physics of these blazes from the Missoula Fire Sciences Laboratory.

Presenter: Roland Pease
Producer: Ella Hubber
Editor: Richard Collings

THU 21:00 BBC News (w172z2qxsxr2lwy)
The latest five minute news bulletin from BBC World Service.

THU 21:06 Newshour (w172z09jb7xz848)
July on course to be the hottest month on record worldwide

The era of global warming has ended and global boiling has arrived, UN Secretary General Antonio Guterres said. We hear from Belize, a country that suffers the consequences of climate change despite having a virtually insignificant contribution to it.

Also on the programme: the recent coup in Niger threatens to make the country even more unstable; and in Mexico an independent panel of international experts has concluded that the Mexican security forces were complicit in the abduction of 43 students back in 2014.

(Photo: Fans keeping residents and tourists cool during a very hot day in Rome. Credit: EPA/MASSIMO PERCOSSI/epa09410918)

THU 22:00 BBC News (w172z2qxsxr2qmx)
The latest five minute news bulletin from BBC World Service.

THU 22:06 The Inquiry (w3ct4wd5)
[Repeat of broadcast at 08:06 today]

THU 22:30 BBC News Summary (w172z2rr7nbs2xc)
The latest two minute news summary from BBC World Service.

THU 22:32 The Food Chain (w3ct4v70)
[Repeat of broadcast at 04:32 today]

THU 23:00 BBC News (w172z2qxsxr2vd3)
The latest five minute news bulletin from BBC World Service.

THU 23:06 The Newsroom (w172z2sm4g3yvm0)
The world's Newsroom brings you global events as they happen

THU 23:20 Sports News (w172z1k0ln6dwt4)
BBC Sport brings you all the latest stories and results from around the world.

THU 23:30 BBC News Summary (w172z2rr7nbs6nh)
The latest two minute news summary from BBC World Service.

THU 23:32 World Business Report (w3ct4zm8)
Biden announces measures to deal with extreme heat

A prolonged heatwave in the US has created concerns in the White House as medics are warning of a rising number of burns and heat strokes in the workplace.

President Biden has announced a number of measures to help Americans deal with extreme temperatures, as a heatwave spreads across large parts of the United States.

(Picture: A beautiful picture of The Sun as it glows over The Sonoran Desert of Phoenix Arizona USA. Picture credit: Getty Images)

FRIDAY 28 JULY 2023

FRI 00:00 BBC News (w172z2qxsxr2z47)
The latest five minute news bulletin from BBC World Service.

FRI 00:06 Unexpected Elements (w3ct4wjr)
[Repeat of broadcast at 10:06 on Thursday]

FRI 01:00 BBC News (w172z2qxsxr32wc)
The latest five minute news bulletin from BBC World Service.

FRI 01:06 Business Matters (w172yzrn97ddm8p)
Biden announces measures to deal with extreme heat

A prolonged heatwave in the US has created concerns in the White House as medics are warning of a rising number of burns and heat strokes in the workplace.

President Biden has announced a number of measures to help Americans deal with extreme temperatures, as a heatwave spreads across large parts of the United States.

(Picture: Monument Valley Navajo Tribal Park, USA. Picture credit: Getty Images)

FRI 02:00 BBC News (w172z2qxsxr36mh)
The latest five minute news bulletin from BBC World Service.

FRI 02:06 The Newsroom (w172z2tfl5qnj8p)
The world's Newsroom brings you global events as they happen

FRI 02:30 BBC News Summary (w172z2rr7nbskww)
The latest two minute news summary from BBC World Service.

FRI 02:32 Tech Life (w3ct4tq4)
[Repeat of broadcast at 20:32 on Tuesday]

FRI 03:00 BBC News (w172z2qxsxr3bcm)
The latest five minute news bulletin from BBC World Service.

FRI 03:06 Outlook (w3ct4qny)
[Repeat of broadcast at 12:06 on Thursday]

FRI 03:50 Witness History (w3ct4xd5)
[Repeat of broadcast at 08:50 on Thursday]

FRI 04:00 BBC News (w172z2qxsxr3g3r)
The latest five minute news bulletin from BBC World Service.

FRI 04:06 The Newsroom (w172z2tfl5qnrry)
The world's Newsroom brings you global events as they happen

FRI 04:30 BBC News Summary (w172z2rr7nbstd4)
The latest two minute news summary from BBC World Service.

FRI 04:32 Heart and Soul (w3ct424g)
The battle for souls in Nepal

Nepal has one of fastest growing Christian communities in the world. Helping to drive the growth are South Korean missionaries like Pang Chang-in and his wife Lee Jeong-hee. The couple's work spreading the word of Jesus is risky. Those found guilty of converting people face up to five years in jail in Nepal.

The BBC's Asia editor Rebecca Henschke and Korean journalist Kevin Kim follow the couple as they open new churches and teach the next generation of Nepali Christian leaders. This is a rare insight into an organised and increasingly controversial Korean mission, spreading the Christian faith high in the Himalayans.

Presented by: Rebecca Henschke
Produced with: Kevin Kim, Rajan Parajuli, Rama Parajuli and Rajeev Gupta

(Photo: Pang and his wife)

FRI 05:00 BBC News (w172z2qxsxr3kvw)
The latest five minute news bulletin from BBC World Service.

FRI 05:06 Newsday (w172z072023y9tf)
UN chief Antonio Guterres: 'Era of global boiling has arrived'

UN Secretary General Antonio Guterres has said the planet is entering an "era of global boiling" as July set to be the hottest month on record. President Biden says temperatures are making life unbearable for vulnerable Americans.

US federal prosecutors widen their investigations into Donald Trump's handling of government documents following his departure from office.

The BBC investigates why the Google earthquake warning system didn't reach people before the earthquake in Turkey .

And a dramatic comeback for Argentina at the women's World Cup.

FRI 06:00 BBC News (w172z2qxsxr3pm0)
The latest five minute news bulletin from BBC World Service.

FRI 06:06 Newsday (w172z072023yfk)
UN suspends humanitarian work to Niger after coup

The UN say it's suspended humanitarian work in Niger in response to the military coup on Wednesday. Niger is one of the world's poorest countries and more than four million people, displaced by jihadist violence, are currently in need of humanitarian assistance.

A prominent Cambodian opposition leader, Sam Rainsy, says he expects instability in the country as the Prime Minister resigns but appoints his son as successor.

North Korean leader Kim Jong Un approves first paintings of himself in boost to his personality cult.

An insight into how farmers in southern Italy are fighting to protect their lands from the intensity of wildfires.

And the latest from the ongoing Women's World Cup in Australia and New Zealand.

FRI 07:00 BBC News (w172z2qxsxr3ct4)
The latest five minute news bulletin from BBC World Service.

FRI 07:06 Newsday (w172z072023yk9p)
French troops in Niger to fight jihadism not the coup leaders

A former French military general says the arrival of French troops in Niger on Thursday had been arranged before the

military coup and troops remain there to fight jihadist groups. Around one thousand French troops are in Niger.

The United States has told its citizens to immediately make plans to leave Haiti as gang violence continue to rise. in the country.

A prominent Cambodian opposition leader, Sam Rainsy, says he expects instability in the country as the Prime Minister resigns but appoints his son as successor..

And a World War One German boat has been spotted and examined off the coast of Shetland in Scotland.

FRI 08:00 BBC News (w172z2qxsxr3y38)
The latest five minute news bulletin from BBC World Service.

FRI 08:06 HARDtalk (w3ct4p79)
Baaba Maal: Can the Sahel overcome its challenges?

Stephen Sackur speaks to the acclaimed Senegalese musician Baaba Maal. His records and musical collaborations have won him millions of fans worldwide, and he's intent on helping his native Sahel region overcome its many challenges. Can this music icon make a difference?

FRI 08:30 BBC News Summary (w172z2rr7nbt9cn)
The latest two minute news summary from BBC World Service.

FRI 08:32 Business Daily (w3ct4mp9)
European Para Championships: A new sporting event

What does it take to host a brand new multi-sport competition?

We're in Rotterdam which is hosting the inaugural European Para Championships 2023.

It's hoped that holding events at the same time will raise the profile of para sports - and be more cost effective.

What does it take to get a fresh idea like this off the ground?

Producer/Presenter: Matthew Kenyon

(Image: Archer Roy Klaassen aiming his bow. Credit: European Para Championships / Rutger Pauw)

FRI 08:50 Witness History (w3ct4x7m)
Mr Bigg's: The birth of Nigeria's iconic takeaway

It's been 50 years since a popular Nigerian fast food chain which later became known as Mr Bigg's was first launched.

The restaurants began as coffee shops in department stores in the 1960s and were later rebranded in 1986.

Mr Bigg's currently has more than 170 locations in 40 cities around Nigeria, and there were also restaurants in other African nations at one time.

Justice Baidoo spoke to Emmanuel Osugo, one of the pioneers of the chain.

A Made in Manchester production for BBC World Service.

(Photo: A Mr Bigg's restaurant. Credit: Adebola Famulisi)

FRI 09:00 BBC News (w172z2qxsxr41vd)
The latest five minute news bulletin from BBC World Service.

FRI 09:06 The Newsroom (w172z2tfl5qpchl)
The world's Newsroom brings you global events as they happen

FRI 09:30 BBC News Summary (w172z2rr7nbt9fs)
The latest two minute news summary from BBC World Service.

FRI 09:32 Science In Action (w3ct4scl)
[Repeat of broadcast at 20:32 on Thursday]

FRI 10:00 BBC News (w172z2qxsxr45lj)
The latest five minute news bulletin from BBC World Service.

FRI 10:06 The Real Story (w3ct4q6z)
How close are we to ending Alzheimer's?

A new drug, Donanemab, has been hailed as a turning point in the fight against Alzheimer's after a global trial confirms it slows cognitive decline.

One trial was shown to have "significantly slowed" the progression of the disease—by 35%.

Earlier this year, Lecanemab, the first drug to slow the destruction of the brain in Alzheimer's, received regulatory approval in America. Lecanemab was shown to slow the rate of cognitive decline by 27% in an 18 month study involving participants in the early stages of Alzheimer's.

Although not a cure, charities say the results in the journal JAMA mark a new era where Alzheimer's can be treated. The drug works in Alzheimer's disease, not in other types of dementia, such as vascular dementia.

But the new drugs are not risk-free treatments. Brain swelling was a common side-effect in up to a third of patients in the Donanemab trial.

The World Health Organisation forecasts more than 150m people around the world will be living with dementia by 2050. Until recently, we've been told that there are currently no approaches that have been proven to prevent Alzheimer's disease and related dementias.

But are we beginning to see a future where we can make dementia a chronic condition, one you live with and die with but don't die from? Are we inching closer towards a treatment for dementia? Can we ultimately prevent or cure the disease? In the battle against dementia, is the end in sight?

Shaun Ley is joined by:

Reisa Sperling - Professor of Neurology at Harvard Medical School and Director of the Center for Alzheimer's Research and Treatment at Brigham and Women's Hospital.

Dr Sandeep Jauhar - cardiologist and the author of "My Father's Brain", a memoir of his relationship with his father as he succumbed to dementia.

Sir John Hardy - Professor of Neurodegenerative Disease at University College London.

Also featuring:

Paola Barbarino - chief executive of Alzheimer's Disease International.

(Photo: Caregiver Nadia Chebil (L) helps Alzheimer's patient Jean-Marie (R) at "Les Papillons de Marcelle" house, in Arles, southeastern France, on May 9, 2023. Credit: Clement Mahoudeau/AFP via Getty Images)

FRI 11:00 BBC News (w172z2qxxsr49bn)
The latest five minute news bulletin from BBC World Service.

FRI 11:06 The Newsroom (w172z2tfl5qplzv)
The world's Newsroom brings you global events as they happen

FRI 11:30 BBC News Summary (w172z2rr7nbtm1)
The latest two minute news summary from BBC World Service.

FRI 11:32 Heart and Soul (w3ct424g)
[Repeat of broadcast at 04:32 today]

FRI 12:00 BBC News (w172z2qxxsr4f2s)
The latest five minute news bulletin from BBC World Service.

FRI 12:06 The Fifth Floor (w3ct4v07)
India shamed: Manipur women speak up

It's been two months since violence in Manipur broke out between the majority Meitei and minority Kuki communities. When a video emerged showing two women being sexually assaulted, Prime Minister Narendra Modi said it 'shamed' India. BBC Delhi's Divya Arya has covered women's affairs for many years, and explains how in Manipur, as in many other inter-community conflicts, women's bodies have become the battlefield.

Liang Shi - China's "No.1 Gaokao holdout"
China's Gaokao university entrance exam is notoriously tough, but one man claims to have sat it, and failed, 27 times. Fan Wang of BBC Chinese shares Mr Liang's story.

Nepalis joining the Russian army
A growing number of young Nepalese men have enlisted with the Russian army, tempted by offers of good pay and a fast track to citizenship. BBC Nepali's Swachhya Raut spoke to

some of those who have signed up about their experiences.

Power cuts and water shortages in South Africa
South Africa has been experiencing regular electricity blackouts which in turn have affected water supplies, with some South Africans drilling boreholes on their properties. Pumza Fihlani from BBC Johannesburg explains the long history behind the crisis.

Syrian refugees in Turkey
Turkey is home to more than 3.3 million Syrians who fled because of war and insecurity. But there's growing pressure on them to go back, with many in the Turkish press and social media arguing that Syria is now safe. Nihan Kalle of BBC Monitoring reports on a popular Turkish travel vlogger whose videos from Syria reinforce this narrative.

(Photo: Women protest against sexual violence in India's north-eastern state of Manipur following inter-communal violence and sexual assault. Credit: AFP via Getty Images)

FRI 12:50 Witness History (w3ct4x7m)
[Repeat of broadcast at 08:50 today]

FRI 13:00 BBC News (w172z2qxxsr4jtx)
The latest five minute news bulletin from BBC World Service.

FRI 13:06 The Newsroom (w172z2tfl5qpvh3)
The world's Newsroom brings you global events as they happen

FRI 13:30 BBC News Summary (w172z2rr7nbtx39)
The latest two minute news summary from BBC World Service.

FRI 13:32 Science In Action (w3ct4scl)
[Repeat of broadcast at 20:32 on Thursday]

FRI 14:00 BBC News (w172z2qxxsr4nl1)
The latest five minute news bulletin from BBC World Service.

FRI 14:06 Newshour (w172z09jb7y19tg)
Ukraine advisor says "steady" progress made

A senior adviser to Ukraine's defence minister Yuri Sak says his country's forces are making steady progress in a counterattack against Russian forces on the southeastern frontline. But is that progress quick enough? We ask a military expert for some answers on Ukraine's counteroffensive.

Also on the programme: new charges against Donald Trump; and does our imagination improve as we get older?

(Picture: Ukrainian servicemen sign a national flag as they visit an exhibition of destroyed Russian military machinery. CREDIT: EPA/SERGEY DOLZHENKO)

FRI 15:00 BBC News (w172z2qxxsr4sb5)
The latest five minute news bulletin from BBC World Service.

FRI 15:06 HARDtalk (w3ct4p79)
[Repeat of broadcast at 08:06 today]

FRI 15:30 BBC News Summary (w172z2rr7nbv4lk)
The latest two minute news summary from BBC World Service.

FRI 15:32 World Business Report (w3ct4z7z)
German economy stagnates

The eurozone's economic outlook remains uncertain as the German economy stagnates in the second quarter of 2023. We look into the challenges Germany is facing and the impact they can have in the rest of the region.

The United Nations says this July is on course to be the world's hottest on record. We hear how workplaces need to adapt to changes in temperature.

And Kylie Minogue announces her first Las Vegas residency. Will it pay off?

(Picture: Stock Exchange in Frankfurt. Picture credit: Reuters)

FRI 16:00 BBC News (w172z2qxxsr4x29)
The latest five minute news bulletin from BBC World Service.

FRI 16:06 BBC OS (w172z0vxc1f2yqx)
Ukraine claims success in counter-offensive

A senior adviser to Ukraine's defence minister says his country's forces are making steady progress in a counter-offensive against Russian forces on the southeastern frontline. We get an update from our colleague with BBC Monitoring. We also talk about Ukrainian fencer Olga Kharlan who has been disqualified for refusing to shake hands with Russian Anna Smirnova at the World Fencing Championships.

After weeks of extreme heat and wildfires in many parts of the world, we hear about the debate on climate change in Greece, Pakistan and the US.

Following the military coup in the West African state of Niger this week, we bring together two journalists from Burkina Faso and the Gambia to share what it was like to cover and experience a coup in their countries.

We talk about what it is like to have a long name after a viral video showed a university student with a very long name - Boluwatife Oluwasemilore Oluwadamilola Oyekunle Ayanfeoluwa Emmanuel Michael Oladele - receiving his degree at a graduation ceremony.

Presenter: James Reynolds.

(Photo: Soldiers carry out stabilization operations in the village of Staromayorske, Donetsk Region, Ukraine in this screengrab taken from a social media video released on July 28, 2023. Credit: 35th Separate Marines Brigade of the Ukrainian Armed Forces via REUTERS)

FRI 17:00 BBC News (w172z2qxxsr50tf)
The latest five minute news bulletin from BBC World Service.

FRI 17:06 BBC OS (w172z0vxc1f32h1)
Living through a coup

Following the military coup in the West African state of Niger this week, we bring together two journalists from Burkina Faso and the Gambia to share what it was like to cover and experience a coup in their countries. We also get an update on the situation in Niger where the head of Niger's Presidential Guard, General Abdourahmane Tchiani has declared himself as the country's new ruler after a coup on Wednesday.

In new criminal charges related to his alleged mishandling of classified files, Donald Trump is accused of pressuring an employee to delete security footage at his Florida home. Our correspondent in Washington gives more details.

We talk about what it is like to have a long name after a viral video showed a university student with a very long name - Boluwatife Oluwasemilore Oluwadamilola Oyekunle Ayanfeoluwa Emmanuel Michael Oladele - receiving his degree at a graduation ceremony.

(Photo: Gen Abdourahmane Tchiani (Omar Tchiani) makes a televised address to the nation of Niger explaining the reasons for the coup, 28 July 2023. Credit/source: <https://fb.watch/m3pPYtwhi/>)

FRI 18:00 BBC News (w172z2qxxsr54kk)
The latest five minute news bulletin from BBC World Service.

FRI 18:06 The Fifth Floor (w3ct4v07)
[Repeat of broadcast at 12:06 today]

FRI 18:50 Witness History (w3ct4x7m)
[Repeat of broadcast at 08:50 today]

FRI 19:00 BBC News (w172z2qxxsr589p)
The latest five minute news bulletin from BBC World Service.

FRI 19:06 The Newsroom (w172z2tfl5qqkyw)
The world's Newsroom brings you global events as they happen

FRI 19:30 BBC News Summary (w172z2rr7nbvml2)
The latest two minute news summary from BBC World Service.

FRI 19:32 Sport Today (w3ct4sqw)
2023/07/28 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 (w172z2qxxsr5d1t)
The latest five minute news bulletin from BBC World Service.

FRI 20:06 BBC OS Conversations (w3ct5b22)

Women in sport

The Women's World Cup is underway and global attention is once again on women in sport.

Host James Reynolds brings together Preeti Singh, a national and international basketball player for India, lawyer and former England netball player Eboni Usoro-Brown and Jennifer Jones, one of Canada's most successful female curlers.

They compare notes on the progress in their respective professions. We also get into the challenges for a sports woman after having children. Jamaica footballer Cheyna Matthews is currently playing in the World Cup and adds her thoughts to the discussion.

"My children have made me a better soccer player because I don't complain as much when I'm on the pitch," says the mother of three. "They don't care if you have a million things going on. They don't care if you're sick. They have needs and those needs have to be met and so I adopted that same mentality on the field. I think that helps my mental toughness."

We also hear the view from the commentary box: three female journalists from Russia, Germany and Kenya discuss women's sports and overcoming professional challenges.

"I was never directly told that you can't do this," says Kenyan sports broadcaster Carol Radull. "But there were questions of 'what is she doing? What is a woman doing on air talking about sport?'" In fact, in Africa, I can't even say I have a female sports journalist role model because there was none before me."

(Photo: Vivian Bahlmann Credit: Vivian Bahlmann)

FRI 20:30 BBC News Summary (w172z2rr7nbvrb6)

The latest two minute news summary from BBC World Service.

FRI 20:32 CrowdScience (w3ct4y4b)

Why does some music make us sad?

CrowdScience investigates the link between music and emotion to try and understand why certain songs can have such a profound impact on our mood.

From breakup songs to upbeat holiday hits, many of us have made playlists that reflect how we feel, whether that's down in the dumps or high as a kite. This week CrowdScience investigates the link between music and emotion to try and understand why certain songs can have such a profound impact on our mood.

Presenter Anand Jagatia is surprised to learn that newborn babies are more likely to fall asleep when listening to fast tempo happy tunes than soothing sad lullabies, which may be because they're attuned to multiple auditory stimuli after months in the womb.

But later in life we actually seek out sad songs to make us feel better. The so-called 'sadness paradox' has been studied for many centuries. But what is it about melancholy music that might be good for us?

Some scientists believe more empathetic people enjoy listening to these types of tune because they elicit a feeling of compassion towards others, which can be rewarding.

A film composer tells us how scoring suspense isn't simply about minor or major chords, or even what instruments you use – it all comes down to keeping the audience guessing about what's coming next.

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FRI 21:00 BBC News (w172z2qxsxr5hsy)

The latest five minute news bulletin from BBC World Service.

FRI 21:06 Newshour (w172z09jb7y251c)

Niger general declares himself leader after coup

The army in Niger, which seized power in a coup on Wednesday, has warned other countries against intervening. We

hear about American and French concerns for the country.

Also on the programme: the Norwegian climber Kristin Harila who along with her Nepali guide reached the fourteen major mountain peaks in three months and one day; and a tv writer gives his view on the Emmy's being postponed.

(Picture: Gen Abdourahmane Tchiani (Omar Tchiani) makes a televised address to the nation of Niger explaining the reasons for the coup, 28 July 2023. Credit: ORTN (Office of Radio and Television of Niger)

FRI 22:00 BBC News (w172z2qxsxr5mk2)

The latest five minute news bulletin from BBC World Service.

FRI 22:06 HARDtalk (w3ct4p79)

[Repeat of broadcast at 08:06 today]

FRI 22:30 BBC News Summary (w172z2rr7nbvztg)

The latest two minute news summary from BBC World Service.

FRI 22:32 Heart and Soul (w3ct424g)

[Repeat of broadcast at 04:32 today]

FRI 23:00 BBC News (w172z2qxsxr5r96)

The latest five minute news bulletin from BBC World Service.

FRI 23:06 The Newsroom (w172z2sm4g41rj3)

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

FRI 23:20 Sports News (w172z1k0ln6hsq7)

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

FRI 23:30 BBC News Summary (w172z2rr7nbw3kl)

The latest two minute news summary from BBC World Service.

FRI 23:32 World Business Report (w3ct4zb7)

Argentina and the IMF reach agreement on a last minute loan

Argentina has reached a \$7.5bn agreement with the International Monetary Fund, as it tries to get its troubled economy back on track.

The South American nation has been in negotiations with the Fund for months over its \$44 billion loan program. That's the biggest outstanding deal that the IMF has with any country anywhere in the world.

(Picture: Argentine pesos in cash and Argentina flag. Picture credit: Getty Images)