

SATURDAY 28 SEPTEMBER 2024**SAT 00:00 BBC News (w172zgf964gnwh)**

The latest five minute news bulletin from BBC World Service.

SAT 00:06 Unexpected Elements (w3ct5q2c)

All things Oregon!

Join Marnie Chesterton and her panel of science journalists Chhavi Sachdev and Jes Burns, on their Oregon science mission. We investigate building materials of the future, from creative cement alternatives to buildings made of wood, and hear from forest scientist Sarah Jovan about how one humble plant has made huge changes to Portland's air quality.

Plus, we make waves with a new wave energy testing facility, uncover the benefits (or costs) of bamboo alternatives and our panellist fight against the clock to pitch what they think should take the crown of Oregon's Coolest Science. And, we hear from our studio audience about how they experience the world and one of them even volunteers to do the fact file.

Recorded at Oregon Public Broadcasting (OPB) studios in Portland Oregon.

Presenter: Marnie Chesterton

Producer: Julia Ravey

Production team: Alex Mansfield and Cathy Edwards

Studio engineer: Kate Barker and Darren Wardrobe

SAT 01:00 BBC News (w172zgf964gp0bm)

The latest five minute news bulletin from BBC World Service.

SAT 01:06 Business Matters (w172zbfndqt08hh)

Israel strikes Hezbollah targets in Beirut

Israeli warplanes have launched new attacks on buildings in south Beirut where the military says Hezbollah is storing weapons. Israel strikes Beirut buildings after reportedly targeting Hezbollah's leader Hassan Nasrallah.

Elsewhere, in Myanmar, the military junta made a surprise offer to hold talks with rebel groups on a political solution to the country's nationwide armed conflict. Ethnic armed groups sceptical of this offer have rejected it. Devina Gupta looks at the civil war's impact on the country's economy. And, India's gold imports tripled in the month of August, according to the World Gold Council. Gold prices recently hit an all-time high. But why are prices rising?

Devina is joined by Nga Pham, freelance journalist and filmmaker in Taipei and Andy Uhler - journalism fellow at University of Texas Energy Institute and Columbia University's Center on Global Energy Policy.

SAT 02:00 BBC News (w172zgf964gp42r)

The latest five minute news bulletin from BBC World Service.

SAT 02:06 The Newsroom (w172zbqh36fghb2)

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

SAT 02:30 BBC News Summary (w172zgg3mw2chc4)

The latest two minute news summary from BBC World Service.

SAT 02:32 Stumped (w3ct5wh6)

Deandra Dottin on her West Indies comeback and T20 World Cup hopes

We are less than a week away from the start of the Women's T20 World Cup. Defending champions Australia are aiming to make it four wins in a row.

West Indies were the last nation to lift the World Cup before Australia embarked on their era of dominance. We speak to all rounder Deandra Dottin who was part of the 2016 West Indies World Cup winning team and she explains her reasons for reversing her international retirement ahead of the tournament.

Alison Mitchell, Jim Maxwell and Charu Sharma also discuss the possible return of England's Ben Stokes to white ball cricket.

Photo: Deandra Dottin of West Indies celebrates her unbeaten 112 during the ICC T20 Women's World Cup Group A match between West Indies and South Africa at Warner Park on May 5, 2010 in St Kitts, Saint Kitts And Nevis. (Credit: Getty Images)

SAT 03:00 BBC News (w172zgf964gp7tw)

The latest five minute news bulletin from BBC World Service.

SAT 03:06 Outlook (w3ct6999)

Outlook Mixtape: Busting HIV stigma and a power parrot

Canon Gideon Byamugisha had just been ordained in the early 1990s when he tested positive for HIV. At the time in Uganda the stigma was immense, particularly for a priest. Many urged Gideon to keep his diagnosis a secret, but he refused. Instead, he turned his experience into a campaign, travelling globally to advocate for compassion toward people living with Aids. He went on to co-found the International Network of Religious Leaders Living With or Personally Affected by HIV and Aids.

Mina Smallman is a former Church of England archdeacon and teacher whose daughters Bibaa Henry and Nicole Smallman were murdered in London in 2020. In news that sent shockwaves across the UK, two police officers then took and distributed photographs and selfies with their bodies. Since then, Mina has campaigned to end violence against women and girls. She has written a memoir called A Better Tomorrow: Life Lessons in Hope and Strength.

Former boxing manager and promoter Kellie Maloney took boxing icon Lennox Lewis to heavyweight champion status in the UK. But at the height of her career Kellie was completely miserable and living a double life. At the time Kellie went by Frank, the brash promoter famous for going toe to toe with personalities like Don King, Mickey Duff and Barry Hearne. But behind closed doors, she was Kellie Maloney, who dreamed of being a woman and lived her life through stories of transgender people she'd find online and in magazines.

Dr. Irene Pepperberg is regarded today as the mother of avian cognition. But that accolade comes despite decades of being overlooked and ridiculed for daring to think that birds, with their walnut-sized brains, might have the ability to understand language. Alex, an African Grey Parrot, would help Irene to change people's minds about what a 'bird brain' can really do. And he would change her life too, before their 30 years of scientific study came to an untimely end.

Presenter: India Rakusen

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

(Photo: Cassette tape. Credit: Getty Images)

SAT 03:50 Witness History (w3ct5yf2)

The Estonia ferry disaster

In 1994, the MS Estonia ferry sank in the Baltic Sea with the loss of 852 lives. It was one of the deadliest shipping tragedies since the sinking of the Titanic.

The Estline ferry was sailing overnight from Estonia to Sweden, in bad weather and heavy seas, when it sent a distress signal saying it was listing heavily.

Survivors later reported the boat sank within five minutes, and many passengers did not have time to escape. An official inquiry found that the ship's bow door locks had failed allowing water to gush in.

Urban Lambertson was one of the 137 survivors. He's been speaking to Jane Wilkinson

Eye-witness accounts brought to life by archive. Witness History is for those fascinated by the past. We take you to the events that have shaped our world through the eyes of the people who were there. For nine minutes every day, we take you back in time and all over the world, to examine wars, coups, scientific discoveries, cultural moments and much more.

Recent episodes explore everything from football in Brazil, the history of the 'Indian Titanic' and the invention of air fryers, to Public Enemy's Fight The Power, subway art and the political crisis in Georgia. We look at the lives of some of the most famous leaders, artists, scientists and personalities in history, including: visionary architect Antoni Gaudi and the design of the Sagrada Familia; Michael Jordan and his bespoke Nike trainers; Princess Diana at the Taj Mahal; and Görel Hanser, manager of legendary Swedish pop band Abba on the influence they've had on the music industry. You can learn all about fascinating and surprising stories, such as the time an Iraqi journalist hurled his shoes at the President of the United States in protest of America's occupation of Iraq; the creation of the Hollywood commercial that changed advertising forever; and the ascent of the first Aboriginal MP.

(Photo: Memorial to the victims of the Estonia ferry disaster. Credit: Jessica Gow/AFP via Getty Images)

SAT 04:00 BBC News (w172zgf964gpl0)

The latest five minute news bulletin from BBC World Service.

SAT 04:06 Unexpected Elements (w3ct5q2c)

[Repeat of broadcast at 00:06 today]

SAT 05:00 BBC News (w172zgf964gphb4)

The latest five minute news bulletin from BBC World Service.

SAT 05:06 The Newsroom (w172zbqh36fpgpg)

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

SAT 05:30 BBC News Summary (w172zgg3mw2cvlj)

The latest two minute news summary from BBC World Service.

SAT 05:32 World Of Secrets (w3ct6xlp)

The Apartheid Killer

The Apartheid Killer: 6. Faces at the Window

How many people did Louis van Schoor really kill? We reveal he carried out many more shootings than he was tried for. He said the police knew about them and supported him – that he had been made a scapegoat. Did he feel any remorse? What of the family of Edward Soenies, murdered by van Schoor? After 35 years, how have they tried to re-build their lives?

The van Schoor case represents one of many apartheid crimes. It was part of a much wider, systematic terror - the legacy of which has left a trail of trauma still being felt across South Africa today.

Since this episode was recorded, it has been announced that Louis van Schoor died, on 25 July 2024. This was a four-year investigation and the interviews with Louis van Schoor were recorded in 2022 and 2023.

Please note, this episode of World of Secrets includes descriptions of death and violence, which some listeners may find distressing.

SAT 05:50 More or Less (w3ct5tqp)

The puzzles you're meant to get wrong

Why do some puzzles make us immediately leap to the wrong conclusion?

That's the subject of Alex Bellos' new book Think Twice, which has page after page of questions designed to deceive.

Alex sets Tim Harford some of his favourite puzzles.

Presenter: Tim Harford

Series producer: Tom Colls

Production co-ordinator: Katie Morrison and Janet Staples

Sound mix: Donald MacDonald

Editor: Richard Vadon

SAT 06:00 BBC News (w172zgf964gpm28)

The latest five minute news bulletin from BBC World Service.

SAT 06:06 Weekend (w172zcx5142nzv3)

Overnight Israeli airstrikes on Lebanon

Overnight Israeli airstrikes battered several towns and cities across Lebanon. BBC World Service correspondents captured the moment massive blasts rocked Beirut.

US vice president Kamala Harris is on the campaign trail on the border with Mexico and is pledging to spend millions of dollars on immigration reform.

Also in this hour, we find out how social media is damaging environmental projects in the Philippines.

(Photo: Israel targets Hezbollah facilities in Beirut in new series of strikes, Lebanon - 28 Sep 2024 Credit: Wael Hamzeh/EPA)

SAT 07:00 BBC News (w172zgf964gpqt0)

The latest five minute news bulletin from BBC World Service.

SAT 07:06 Weekend (w172zcx5142nzq7)

Israeli strikes target Hezbollah leader

There have been a number of Israeli strikes on Lebanon overnight. We speak to woman in Southern Lebanon who's had her life turned upside down by the war.

Also on the programme, we focus on Sudan's intensifying humanitarian crisis due to ongoing fighting between government and rebel forces.

And, Blues prodigy Dylan Triplett performs his song 'Junkyard Dog' to a live audience. We go on a musical journey in the

American city of St Louis.

Our presenter Rebecca Kesby is joined by Dalal Mawad, a Lebanese journalist based in Paris and Emadeddin Badi, a Libyan analyst and non-resident Senior Fellow, at the Atlantic Council.

[Photo: Displaced people gather at Beirut's central Martyrs' Square as Israel strikes Beirut's southern suburbs, Lebanon. 28 Sept, 2024. Credit: Timour Azhari /Reuters]

SAT 08:00 BBC News (w172zgf964gpkj)

The latest five minute news bulletin from BBC World Service.

SAT 08:06 Weekend (w172zcx5142p3gc)

Thousands flee as Israel bombs Lebanon

Chaos in Lebanon following attacks by Israel across towns and cities in Lebanon forces thousands to flee their homes. We get the latest from our Beirut correspondent and the Israeli point of view from Ehud Olmert, a former Israeli prime minister.

Also in this hour, Austrians vote on Sunday in a general election that could see the far-right opposition Freedom Party, the FPÖ top the polls for the first time. And, Lorne Balfé, composer of "Darkstar" a musical piece from the 2022 film Top Gun: Maverick, joins us in the studio to talk about his live performance at the Royal Albert Hall in London.

Our presenter Rebecca Kesby is joined by Dalal Mawad, a Lebanese journalist based in Paris and Emadeddin Badi, a Libyan analyst and non-resident Senior Fellow, at the Atlantic Council.

[Photo: Displaced families gather after spending the night at Beirut's central Martyrs' Square fleeing the overnight Israeli strikes in southern Beirut, in Lebanon September 28, 2024. Credit: Louisa Gouliamaki/Reuters]

SAT 09:00 BBC News (w172zgf964gpz9n)

The latest five minute news bulletin from BBC World Service.

SAT 09:06 BBC OS Conversations (w3ct5rc4)

Living under attack in Lebanon and northern Israel

The escalating conflict between Hezbollah in Lebanon and Israel is being described as one of the most intense in recent times. The current fighting has been taking place since October last year with the start of the conflict in Gaza. There have been hundreds of deaths in the past couple of weeks, thousands of injuries and tens of thousands of people have been forced to flee their homes.

In our conversations, we talk with two doctors in Beirut who treated victims of the exploding paggers and walkie-talkies that targeted Hezbollah operatives. We also bring together people in southern Lebanon, including Zaahra who is reluctant to leave her home despite bombardment by Israeli forces. "It's our land, it's where we grew up," she tells host Luke Jones. "It's dignity at the end of the day, our dignity to protect, rather than flee."

Israel, meanwhile, says around 60,000 of its people have been forced to move from where they live in the north of the country as a result of missile strikes by Hezbollah. The Israeli military has said its goal is to make the area safe for these people to return. Three women living in the north of the country share their experiences. During our conversation, they all hear the thud of missiles.

Our guests all express hope for more peaceful days but also talk about whether they should stay where they are or even leave their country.

A Boffin Media production in partnership with the BBC OS team.

(Photo: Dr Rania Warrak. Credit: Rania Warrak)

SAT 09:30 BBC News Summary (w172zgg3mw2dl1)

The latest two minute news summary from BBC World Service.

SAT 09:32 Pick of the World (w3ct5v11)

Your advice to the world's billionaires

You have your say on what the super-rich should really do with their money. Plus the cities you think have the best nightlife, the science behind the voice inside your head and a joyful response as three dolphins swim free after living in captivity.

SAT 09:50 Over to You (w3ct5tt8)

How the super-rich amass their incredible wealth

There are now almost 3,000 billionaires in the world today. But how do the super-rich amass their incredible wealth? The podcast Good, Bad Billionaire is back with season two to find out.

We hear listeners' reactions and questions, including what qualifies a billionaire to be featured on the show - and are there in fact more African billionaires than records reveal? We are joined in the studio by its presenter Simon Jack.

Presenter: Rajan Datar

Producer: Howard Shannon

A Whistledown production for BBC World Service

SAT 10:00 BBC News (w172zgf964gq31s)

The latest five minute news bulletin from BBC World Service.

SAT 10:06 Sportshour (w3ct5qb6)

Breaking barriers: Coach Jackline Juma makes football history in Kenya

From sneaking out of her house to play football to becoming a trailblazer for others, Sportshour's Caroline Barker speaks to Jackline Juma who has become the first female head coach in the Kenyan Premier League. The FC Talanta head coach has already made a winning start, and she's hoping her role will inspire more women and girls to follow their footballing dreams.

British triathlete Kat Matthews reveals what it has taken to get back on the IRONMAN World Championship podium, two years after a near-fatal crash whilst training for the same event in 2022.

Caitlin Clark's Indiana Fever may have been knocked out of the WNBA play-offs, but the basketball star's impact extends way beyond the court. Former Icelandic basketballer Helena Sverrisdóttir has proof of that after she hosted a watch party in Iceland.

Plus, hear from Samson Ndayishimiye, President of the Rwanda Cycling Federation, as Africa gets ready to host the World Road Cycling Championships for the first time in 2025, and there's all the flicks and tricks from the Subbuteo World Cup.

Image: FC Talanta's Jackline Juma on the touchline coaching.
(Image: FC Talanta/Football Kenya Federation/Kevin Teya)

SAT 11:00 BBC News (w172zgf964gq6sx)

The latest five minute news bulletin from BBC World Service.

SAT 11:06 The Newsroom (w172zbqh36fhf67)

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

SAT 11:30 BBC News Summary (w172zgg3mw2dl29)

The latest two minute news summary from BBC World Service.

SAT 11:32 The Newsroom (w172zbqh36fhgvy)

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

SAT 12:00 BBC News (w172zgf964gqbk1)

The latest five minute news bulletin from BBC World Service.

SAT 12:06 The Forum (w3ct5n0d)

The high-speed train race

The first public run of the Japanese 'bullet train', the Shinkansen, on the 1st of October 1964, captured public imagination worldwide. And it wasn't just the train's sleek look or its high speed that made the headlines. Behind the train's futuristic exterior lay a whole host of engineering innovations: new pantographs, automatic signalling, revolutionary drive units. Since then, very fast train travel has become available in over a dozen other countries. Places such as China and Spain have overtaken Japan when it comes to top train speed or the extent of the high-speed network. But the recent rise in remote working has reduced the demand for business rail travel and commuting. So what does the future hold for high-speed rail?

Iszi Lawrence talks about the origins of high-speed rail and its current state to historian of modern Japan, Prof. Jessamyn Abel from Penn State university, civil engineering professor Amparo Moyano from the University of Castilla-La Mancha, Consultant Editor of the Railway Gazette Murray Hughes, poet Jan Ducheyne and World Service listeners.

(Photo: A Shinkansen train arrives at a Tokyo station. Credit: Carl Court/Getty Images)

SAT 13:00 BBC News (w172zgf964gqg95)

The latest five minute news bulletin from BBC World Service.

SAT 13:06 Newshour (w172zb92nd0n9s4)

Israel kills Hezbollah leader Hassan Nasrallah

Hezbollah has confirmed the death of its leader in an Israeli airstrike. The Iran-backed group vowed to continue its fight against Israel. Also on the programme, US presidential candidate and Vice President Kamala Harris has given details of tough new measures she says will strengthen immigration control as she visited the Mexico border.

SAT 14:00 BBC News (w172zgf964gq119)

The latest five minute news bulletin from BBC World Service.

SAT 14:06 Sportsworld (w172zbn08mfw4r)

Live Sporting Action

Lee James presents live Premier League commentary from the Emirates as title challengers Arsenal host strugglers Leicester City. The former West Ham winger Matt Jarvis and former Spurs and Cameroon international Sébastien Bassong will be part of the team. They'll be discussing the latest headlines from the world of football and react to the early kick off between Newcastle United and Manchester City.

Away from football, we'll hear from International Team captain Mike Weir on day three of golf's Presidents Cup and talk the final round of the Rugby Championship with South Africa and Argentina going head-to-head for the title.

Plus, we'll also preview the Women's T20 World Cup and the WNBA semi-finals and we'll be at cycling's World Championships as well.

Photo: Victor Kristiansen of Leicester City with Bukayo Saka of Arsenal during the Premier League match between Leicester City and Arsenal FC. (Credit: Leicester City FC via Getty Images)

SAT 18:00 BBC News (w172zgf964gr20t)

The latest five minute news bulletin from BBC World Service.

SAT 18:06 The Newsroom (w172zbqh36fj8f4)

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

SAT 18:30 BBC News Summary (w172zgg3mw2ff96)

The latest two minute news summary from BBC World Service.

SAT 18:32 World Of Secrets (w3ct6xlp)

[Repeat of broadcast at 05:32 today]

SAT 18:50 Sporting Witness (w3ct5wdy)

Brian McKechnie: New Zealand's double international sportsman

Brian McKechnie is one of the few people in history to have represented New Zealand in both international rugby and international cricket.

He has also been at centre of two of the country's biggest major sporting controversies.

He speaks to Will Yates. This is a Whistledown production for the BBC World Service.

Eye-witness accounts brought to life by archive and testimony. Sporting Witness is for those fascinated by sporting history. We take you to the events that have shaped the sports world through the eyes of the people who were there. For nine minutes, you become a fan in the stands as we take you back in time to examine memorable victories and agonising defeats from all over the world. You'll hear from people who have achieved sporting immortality, or those who were there as incredible sporting moments unfolded.

Recent episodes explore the forgotten football Women's World Cup, the plasterer who fought a boxing legend, international football's biggest ever beating and the man who swam the Amazon river. We look at the lives of some of the most famous F1 drivers, tennis players and athletes as well as people who've had groundbreaking impact in their chosen sporting field, including: the most decorated Paralympian, the woman who was the number 1 squash player in the world for nine years, and the first figure skater to wear a hijab. You can learn all about fascinating and surprising stories, such as the tennis player who escaped the Nazis, how a man finally beat a horse in a race, and how the FIFA computer game was created.

(Photo: Brian McKechnie playing for New Zealand. Credit:

Getty Images)

SAT 19:00 BBC News (w172zgf964gr5ry)

The latest five minute news bulletin from BBC World Service.

SAT 19:06 The Inquiry (w3ct5xht)

How are the Taliban governing Afghanistan?

Just over three years ago the Taliban seized Kabul and stormed to power in Afghanistan. They soon declared a new government which is still not recognised by any other country.

The Taliban claim they have made improvements to the country. War is over and, they say, there is more peace and security than before they came to power.

But millions of people are struggling to survive in the country, there is a restrictive rule of law that is imposed by a very hierarchical government structure and half the population need aid.

This week on The Inquiry we're asking 'How are the Taliban governing Afghanistan?'

Presenter: Emily Wither

Producers: Louise Clarke and Matt Toulson

Editor: Tara McDermott

Technical Producers: Nicky Edwards and Cameron Ward

Contributors:

Dr Weeda Mehran, co-director for Advanced Internationalist studies at Exeter University

Graeme Smith, senior analyst for the International Crisis Group
Dr Orzala Nemet, research associate at ODI Overseas Development Institute

Javid Ahmad, non-resident scholar at the Middle East Institute in Washington DC

(Photo by WAKIL KOHSAR/AFP via Getty Images)

SAT 19:30 BBC News Summary (w172zgg3mw2fk1b)

The latest two minute news summary from BBC World Service.

SAT 19:32 Happy News (w3ct5sq2)

The Happy Pod: The young people changing the world

At the One Young World summit in Canada, we meet leaders and innovators from around the world including New Zealand's 22-year-old MP, Hana-Rawhiti Maipi-Clarke, who says she has never been into politics, but wants to stand up for people. Hana, who represents the Maori party, went viral when she did the Haka in parliament, but says she only did it to calm her nerves. She says she is accepting her award not for herself but for the people that raised her.

We speak to a woman using AI to tackle cyber-bullying, and the founder of a fashion brand praised by Beyoncé.

(Photo: MP, Hana-Rawhiti Maipi-Clarke. Credit: One Young World)

Presenter: Holly Gibbs

Music: Iona Hampson

SAT 20:00 BBC News (w172zgf964gr9j2)

The latest five minute news bulletin from BBC World Service.

SAT 20:06 The Arts Hour (w3ct5qjz)

On tour in St Louis, USA

Nikki Bedi is on stage with top performers and artists from the city of St Louis, who are weaving their cultural histories into new mythologies, sounds and artistic landscapes.

There is live music from blues prodigy Dylan Triplett, a soulful performance from singer-songwriter and bass player Tonina Saputo and rousing comedy from Tina Dybal.

Multimedia artist Dail Chambers takes Nikki on a 'Culture Cab' tour of north St Louis, raising questions around segregation and the importance of Native American heritage in the city.

Post disciplinary artist, film-maker and musician Damon Davis explains his documentary film response to the Ferguson protests of 2014 and reveals why he has created an epic mythology of Black gods and a science fiction space rap opera.

And the discussion is joined by members of the live audience.

(Photo: Tonina Saputo. Credit: Logan T. Whorton)

SAT 21:00 BBC News (w172zgf964grf86)

The latest five minute news bulletin from BBC World Service.

SAT 21:06 Newshour (w172zb92nd0p8r5)

Israel says killing of Hezbollah leader is 'historic turning point'

The Israeli Prime Minister Benjamin Netanyahu has hailed the killing of the Hezbollah leader Hassan Nasrallah in Beirut as a historic turning point that will help Israel achieve its war goals.

On the programme: we talk to a spokesman for Israel's military, which dropped the bomb that killed Nasrallah on Friday; also ask how the group's backer, Iran, may respond, and assess the risks for the wider Middle East; and hear how Hezbollah supporters in Lebanon have reacted to the killing.

(Photo: A group in Beirut carry a photo of Nasrallah and chant slogans. Credit: Getty Images)

SAT 22:00 BBC News (w172zgf964grk0b)

Interviews, news and analysis

Interviews, news and analysis

SAT 22:06 The Documentary (w3ct75jg)

Stories from the New Silk Road: Space

China's Belt and Road Initiative stretches physically with infrastructure projects across the globe, but there is one initiative that is the most ambitious yet - the Space Silk Road. The space race is heating up with new entrants like India and private companies like SpaceX, but it is the Chinese who are set to dominate by 2045.

Central to the Space Silk Road is a controversial station in Patagonia, Argentina. The Espacio Lejano Ground Station has a powerful 16-story antenna, with an 8ft barbed wire fence that surrounds the entire compound. With other facilities in countries from Bolivia to Peru, do China's space ambitions aim for intergalactic exploration, rare mineral discovery and potential domination in space?

With plans to land astronauts on the moon by 2030 and build a research base on its south pole, China's ambitions in our solar system have been gaining momentum. Katy Watson asks astronomers, space engineers and Argentinian residents, how President Xi's Space Silk Road is impacting their universe.

Producer: Pete Shevlin

Executive producer: Monica Whitlock

A C60 Media production for BBC World Service

(Photo: Espacio Lejano Ground Station. Credit: Pete Shevlin)

SAT 22:30 BBC News Summary (w172zgg3mw2fx8q)

The latest two minute news summary from BBC World Service.

SAT 22:32 This Is Africa (w3ct5y5g)

Hussain Dada

Hussain Dada is one of The Gambia's most popular rappers, drawing crowds of more than 20,000 people to his concerts. He comes from a devout Muslim family which did not approve of music, but he was determined to use his talent.

Hussain Dada says his lyrics are mostly about guiding and motivating young people. In his opinion, too many young Gambians would rather believe in a dream of prosperity abroad rather than staying home and working hard to build good lives in their own country.

Despite his nickname, Badboy, Hussain is also partnering with a charity called Binti which focuses on empowering young women. He says more openness is needed when it comes to speaking out about women's health and wellbeing, and he is keen to break taboos that keep women and girls in ignorance.

SAT 23:00 BBC News (w172zgf964grnrg)

The latest five minute news bulletin from BBC World Service.

SAT 23:06 The Newsroom (w172zbqh36fk7d5)

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SAT 23:30 BBC News Summary (w172zgg3mw2g10v)

The latest two minute news summary from BBC World Service.

SAT 23:32 Assignment (w3ct5mt8)

Reproductive rights: A divided flock

The US 'pro-life' movement has gained ground in recent years,

with courts overturning women's right to an abortion and questioning the legality of IVF fertility treatments. The question at the heart of the debate is when does life begin? 'Pro-life' has become synonymous with evangelical Christianity - often considered a powerful voting bloc in America. But how united are Christian preachers? And what does this tell us about the upcoming election? Ellie House reports from the divided churches in the swing state of Michigan.

Photo: Daniel Taylor, Deacon at the Charity Baptist Church in Paris, Michigan (Ellie House/BBC)

Reporter: Ellie House

Producer: Alex Last

Sound engineer: Hal Haines

Production co-ordinator: Gemma Ashman

Series editor: Penny Murphy

SUNDAY 29 SEPTEMBER 2024

SUN 00:00 BBC News (w172zgf964grshl)

The latest five minute news bulletin from BBC World Service.

SUN 00:06 BBC OS Conversations (w3ct5rc4)

[Repeat of broadcast at 09:06 on Saturday]

SUN 00:30 BBC News Summary (w172zgg3mw2g4rz)

The latest two minute news summary from BBC World Service.

SUN 00:32 World Of Secrets (w3ct6xlp)

[Repeat of broadcast at 05:32 on Saturday]

SUN 00:50 Sporting Witness (w3ct5wdy)

[Repeat of broadcast at 18:50 on Saturday]

SUN 01:00 BBC News (w172zgf964grx7q)

The latest five minute news bulletin from BBC World Service.

SUN 01:06 The Inquiry (w3ct5xht)

[Repeat of broadcast at 19:06 on Saturday]

SUN 01:30 BBC News Summary (w172zgg3mw2g8j3)

The latest two minute news summary from BBC World Service.

SUN 01:32 World Of Secrets (w3ct793k)

Al Fayed, Predator at Harrods

Al Fayed, Predator at Harrods: 1. Golden opportunity

A dream job offer arrives from Harrods, to the surprise of debutante teenager, Cheska. Why is one of the world's most famous luxury shops interested in her? How do they know where she lives - where to send the letter? It's the 1990s in London. Cheska and other rich girls are being introduced to high society, as part of an centuries old tradition. What should she do next? Soon after she gets the job offer, Cheska is working in owner Mohamed Al Fayed's personal office in London's exclusive Park Lane. Can Al Fayed help her with her ambition to act?

This season of World of Secrets is about sexual abuse, and includes descriptions which some listeners might find distressing. For a list of organisations in the UK that can provide support for survivors of sexual abuse, go to bbc.co.uk/actionline.

SUN 02:00 BBC News (w172zgf964gs0zv)

The latest five minute news bulletin from BBC World Service.

SUN 02:06 The Newsroom (w172zbqh36fk7d5)

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

SUN 02:30 BBC News Summary (w172zgg3mw2gd87)

The latest two minute news summary from BBC World Service.

SUN 02:32 Health Check (w3ct5t94)

Vector-borne diseases

As vector-borne diseases begin to spread more widely around the world, we look at why, what the effects are, and what can be done.

Also on the program, a new study has examined the origins of the Covid-19 pandemic, what did they find, and how is this different from previous papers? And can space flight age you?

A new study tries to find out.

Presenter: Claudia Hammond
Producer: Margaret Sessa-Hawkins and Katie Tomsett

SUN 03:00 BBC News (w172zgf964gs4qz)

The latest five minute news bulletin from BBC World Service.

SUN 03:06 The Forum (w3ct5n0d)

[Repeat of broadcast at 12:06 on Saturday]

SUN 04:00 BBC News (w172zgf964gs8h3)

The latest five minute news bulletin from BBC World Service.

SUN 04:06 From Our Own Correspondent (w3ct5sj8)

Sri Lanka's election full of fists

Sri Lankans have signalled their appetite for change by voting for Anura Kumara Dissanayake of the JVP in the first presidential election since the island's major economic and political crisis of 2022. Two years after the Aragalaya, or 'struggle', which ousted former President Gotabaya Rajapaksa and his brother, the former Prime Minister Mahinda Rajapaksa, many people say they're still having trouble making ends meet. Samira Hussain returned to former protest sites to ask what hope there is for real progress.

As Ukraine's President talked tough to the UN in New York, Russian forces have continued to take ground in southeastern Ukraine, nibbling away slowly along the frontline in the Donetsk region. Abduljalil Abdurasulov recently spent time with a Ukrainian artillery unit keeping a hectic schedule near the city of Pokrovsk - and heard some of its members' stories of a narrow escape from a Russian encirclement or 'cauldron'.

Cuba's government has often boasted of its success in keeping the island's people - and its visitors - safe from drugs and crime, especially when compared to its neighbours in the Caribbean and Central America. But that reputation for safety is less secure than it was. Increasing numbers of Cuban citizens are sharing their own stories of being victims of crime - and some are taking to social media to tell them, says Will Grant.

And the BBC's climate editor, Justin Rowlatt, shares a solar-powered success story from an unexpected source - the north of Somalia. This is a dangerous part of one of the world's most dangerous countries - but its energy entrepreneurs have found renewable ways to keep the lights on in the city of Garowe.

Image: Sri Lanka's newly elected President Anura Kumara Dissanayake addresses a gathering after taking his oath of office at the Presidential Secretariat.

(Photo: Sri Lanka President Anura Kumara Dissanayake. Credit: Reuters)

SUN 04:30 BBC News Summary (w172zgg3mw2gmrh)

The latest two minute news summary from BBC World Service.

SUN 04:32 Trending (w3ct5y9h)

An (online) storm in a Philippine rainforest

What do Hollywood legend Leo DiCaprio, Swedish climate activist Greta Thunberg, and English zoologist Jane Goodall have in common? They have all taken to social media to call for the protection of the Masungi Georeserve, a popular ecotourism destination in the Philippines.

This comes after the Philippine government proposed scrapping a contract with the reserve that handed it control over 2,700 hectares of land for reforestation purposes.

As public debate rages on, BBC Trending has uncovered evidence of an online disinformation campaign targeting the nature reserve's keepers. But who is the puppet master pulling the strings from the shadows? And have they done enough to hide their trail?

Reporter: Marco Silva
Editor: Flora Carmichael

SUN 04:50 Sporting Witness (w3ct5wdy)

[Repeat of broadcast at 18:50 on Saturday]

SUN 05:00 BBC News (w172zgf964gsd77)

The latest five minute news bulletin from BBC World Service.

SUN 05:06 The Newsroom (w172zbqh36flkmlk)

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

SUN 05:30 BBC News Summary (w172zgg3mw2grhm)

The latest two minute news summary from BBC World Service.

SUN 05:32 The Documentary (w3ct75jg)

[Repeat of broadcast at 22:06 on Saturday]

SUN 06:00 BBC News (w172zgf964gshzc)

The latest five minute news bulletin from BBC World Service.

SUN 06:06 Weekend (w172zcx5142rrw6)

Hezbollah leader Hassan Nasrallah killed in Israeli airstrike

Israeli Prime Minister Benjamin Netanyahu called the assassination of Hassan Nasrallah an "historic turning point," stating that Israel has "settled the score." Nasrallah had previously been in hiding due to threats from Israel. Iran's Supreme Leader warns that his death "will not go unavenged."

Also in the programme: Thailand has become the first Southeast Asian country to legalise same-sex marriage, and in the U.S., the two men vying for the vice presidency will face off in their first debate in New York.

Joining presenter Rebecca Kesby are Christina Lamb, chief foreign correspondent for the Sunday Times newspaper in the UK, and Marcus Chown, a British science journalist and writer.

(Picture: Protesters hold pictures of late Hezbollah leader Hassan Nasrallah and late Iranian commander Qasem Soleimani (R) during an anti-Israel protest in Palestine Square in Tehran, Iran, 28 September 2024. Photo by ABEDIN TAHERKENAREH/EPA-EFE/REX/Shutterstock (14745327i))

SUN 07:00 BBC News (w172zgf964gsmqh)

The latest five minute news bulletin from BBC World Service.

SUN 07:06 Weekend (w172zcx5142rwbm)

Fears of retaliation after Nasrallah assassination

Iranian supreme leader, Ayatollah Khamenei, has promised to avenge the death of Hassan Nasrallah, worsening fears of escalation in the region. Israel says its assassination of the Hezbollah leader has "settled the score", but it could spark an unprecedented response.

Also in the programme: Voting begins in Austria's general election, and we examine the secret to happiness through the eyes of dogs.

Joining presenter Rebecca Kesby are Christina Lamb, chief foreign correspondent for the Sunday Times newspaper in the UK, and Marcus Chown, a British science journalist and writer.

(Picture: People react after Hezbollah confirmed the death of its leader, Hassan Nasrallah, in downtown Beirut, Lebanon, 28 September 2024. Photo by WAEL HAMZEH/EPA-EFE/REX/Shutterstock (14745437f))

SUN 08:00 BBC News (w172zgf964gsrgm)

The latest five minute news bulletin from BBC World Service.

SUN 08:06 Weekend (w172zcx5142s0cg)

Israel continues strikes on Lebanon

Israel has continued to bombard targets in Lebanon after killing Hezbollah's leader Hassan Nasrallah on Friday. The military says it struck dozens of sites overnight, including rocket launchers and weapons storage facilities.

Also in the programme: Russia launches a campaign of intimidation against exiles, and Hindus prepare for the festivities of Diwali - in the kitchen.

Joining presenter Rebecca Kesby are Christina Lamb, chief foreign correspondent for the Sunday Times newspaper in the UK, and Marcus Chown, a British science journalist and writer.

(Picture: Smoke billows over Khiam, amid ongoing cross-border hostilities between Hezbollah and Israeli forces, as pictured from Marjayoun, near the border with Israel, September 28, 2024. REUTERS/Karamallah Daher)

SUN 09:00 BBC News (w172zgf964gsd77)

The latest five minute news bulletin from BBC World Service.

SUN 09:06 From Our Own Correspondent (w3ct5sj8)

[Repeat of broadcast at 04:06 today]

SUN 09:30 BBC News Summary (w172zgg3mw2h7h4)

The latest two minute news summary from BBC World Service.

SUN 09:32 The Food Chain (w3ct5xnb)

So you want to run a food truck?

Fancy starting a food truck? It can be a way to trial new food concepts and see if your business has potential before committing to a restaurant premises.

Ruth Alexander finds out what its really like running a food truck or van. She meets customers queuing for over an hour for the SpudBros van in Preston, north-west England, where brothers Harley and Jacob Nelson have drummed up business for their jacket potatoes on social media. Ruth speaks to Anna Brand who runs a vegan food van Vege Bang in Auckland New Zealand, and sisters Natalie and Samantha Mwedekeli who started Mama Rocks, a food van selling gourmet burgers in Nairobi, Kenya in 2015.

Today they have five premises and its time to sell the van that started it all. And Karan Malik talks about his food van SuperSuckers in Delhi, India. He saw the trend take off, but tells Ruth why he decided to get out of the business.

If you would like to contact the programme email thefoodchain@bbc.co.uk.

Presenter: Ruth Alexander
Producer: Beatrice Pickup
Researcher: Henry Liston

(Image: Brothers Jacob and Harley Nelson in their food van selling jacket potatoes in Preston north-west England. Credit: BBC)

SUN 10:00 BBC News (w172zgf964gszyw)

The latest five minute news bulletin from BBC World Service.

SUN 10:06 People Fixing The World (w3ct5tjw)

The power of native knowledge

The Awajun people have lived in the Amazon rainforest for thousands of years but their way of life and environment is under threat from deforestation and unsustainable farming. Now Awajun women farmers have begun mixing old traditions with new technology to make a material which offers an alternative to leather made from animals. The women are working with a fashion company which helps turn the sap from the local Shiringa tree into a rubber-like fabric used in clothes and shoes.

We also find out how one native plant which grows in the desert regions of Niger has been rediscovered by locals. Hansa was previously seen as a food only eaten in desperation but a social enterprise has changed its image. It has now become popular in local cookery and has been found to be both nutritious and sustainable.

Plus, we hear from a member of the Western Apache community in the US who tells us how learning about her native foods has helped both her and her community eat more nutritiously.

Presenter: Myra Anubi
Niger reporter: Sasha Gankin
Producer/reporter: Claire Bowes
Editor: Jon Bithrey
Sound engineer: Andrew Mills

(Photo: Members of the Awajun tribe in Peru looking up at a Shiringa tree, Collective Fashion Justice)

SUN 10:30 BBC News Summary (w172zgg3mw2hc78)

The latest two minute news summary from BBC World Service.

SUN 10:32 The Fifth Floor (w3ct69j2)

Who is Mexico's first female president?

On October 1st, Claudia Sheinbaum will take office and become Mexico's first female president. What will her presidency look like? With Laura García from BBC Mundo and Luis Fajardo from BBC Monitoring.

Produced by Caroline Ferguson and Alice Gioia.

(Photo: Faranak Amidi. Credit: Tricia Yourkevich.)

SUN 11:00 BBC News (w172zgf964gt3q0)

The latest five minute news bulletin from BBC World Service.

SUN 11:06 The Newsroom (w172zbqh36flb3b)

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

SUN 11:30 BBC News Summary (w172zgg3mw2hgzd)

The latest two minute news summary from BBC World Service.

SUN 11:32 Trending (w3ct5y9h)

[Repeat of broadcast at 04:32 today]

SUN 11:50 More or Less (w3ct5tqp)

[Repeat of broadcast at 05:50 on Saturday]

SUN 12:00 BBC News (w172zgf964gt7g4)

The latest five minute news bulletin from BBC World Service.

SUN 12:06 BBC OS Conversations (w3ct5rc4)

[Repeat of broadcast at 09:06 on Saturday]

SUN 12:30 BBC News Summary (w172zgg3mw2hlqj)

The latest two minute news summary from BBC World Service.

SUN 12:32 Assignment (w3ct5mt8)

[Repeat of broadcast at 23:32 on Saturday]

SUN 13:00 BBC News (w172zgf964gtc68)

The latest five minute news bulletin from BBC World Service.

SUN 13:06 Newshour (w172zb92nd0r6p7)

Lebanon says one million displaced because of continuing Israeli attacks

Lebanon's prime minister has said continuing Israeli attacks could displace as many as a million people. Najib Mikati appealed for a diplomatic solution to the crisis. He was speaking as Israel carried out more airstrikes in Lebanon after killing Hezbollah's leader Hassan Nasrallah on Friday. We hear from the IDF spokesman, Peter Lerner, and Nasser Yassin, Lebanon's Minister of Environment and has been given responsibility for providing for all those internally displaced people. We will also be asking to Iranian academic and write, Azadeh Moaveni, about how Nasrallah's death could affect Hezbollah's standing in Lebanon and the rest of the region.

Also in the programme: Saudi Arabia has carried out nearly two hundred executions this year - the highest in more than three decades; and ahead of the VICE presidential debate in the US - we'll be in Nebraska - what are the big election issues in rural America?

Presenter: Julian Marshall.

(Photo: Residents in Beirut seek refuge on the streets after Israeli air strikes in the city. Credit: EPA)

SUN 14:00 BBC News (w172zgf964gtgyd)

The latest five minute news bulletin from BBC World Service.

SUN 14:06 The Climate Question (w3ct5ws7)

What's it like like losing your home to the sea?

Experts predict that millions of people around the world will have to migrate by 2050 because of sea level rise linked to climate change. How will they cope? Jordan Dunbar hears stories from Fiji and the UK.

Email us your comments and questions to thelimatequestion@bbc.com or WhatsApp: +44 8000 321 721

Presenter: Jordan Dunbar

Producers: Octavia Woodward and Graihgh Jackson

Sound mix: Tom Brignell

Editor: Simon Watts

SUN 14:30 BBC News Summary (w172zgg3mw2hv6s)

The latest two minute news summary from BBC World Service.

SUN 14:32 Happy News (w3ct5sq2)

[Repeat of broadcast at 19:32 on Saturday]

SUN 15:00 BBC News (w172zgf964gtlpj)

The latest five minute news bulletin from BBC World Service.

SUN 15:06 Sportsworld (w172zbn0s0mjwsz)

Live Sporting Action

Sportsworld has full commentary from the Premier League as Manchester United host Tottenham Hotspur. Delyth Lloyd will be joined from fans from both clubs to look ahead to the game, while former DR Congo defender Gabriel Zakuani joins after the match to look back over all the weekend's Premier League action.

Italian football expert Mina Rzouki is this week's guest on EuroStars – our weekly deep dive into the top European Leagues. They'll also be looking ahead to Sunday's Madrid derby.

Plus, there'll be the latest from the Test matches between India and Bangladesh, and Sri Lanka and New Zealand, plus updates from the final one-day international between England and Australia.

Photo: Marcus Rashford of Manchester United scores their second goal during the Premier League match between Manchester United and Tottenham Hotspur at Old Trafford on January 14, 2024 in Manchester, England. (Credit: Manchester United via Getty Images)

SUN 19:00 BBC News (w172zgf964gv2p1)

The latest five minute news bulletin from BBC World Service.

SUN 19:06 The Newsroom (w172zbqh36fm92c)

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

SUN 19:30 BBC News Summary (w172zgg3mw2jfyf)

The latest two minute news summary from BBC World Service.

SUN 19:32 The Coming Storm (w3ct7015)

The Coming Storm

To listen online, visit bbcworldservice.com/comingstorm

Gabriel Gatehouse dives back into the labyrinthine rabbit warren of American conspiracy theories to explore how millions of Americans have become convinced their democracy has been highjacked by a sinister Deep State cabal. Where did this story come from? And what are the prospects for the survival of the American political system?

SUN 20:00 BBC News (w172zgf964gv6f5)

The latest five minute news bulletin from BBC World Service.

SUN 20:06 Unexpected Elements (w3ct5q2c)

[Repeat of broadcast at 00:06 on Saturday]

SUN 21:00 BBC News (w172zgf964gvb59)

The latest five minute news bulletin from BBC World Service.

SUN 21:06 Newshour (w172zb92nd0s5n8)

Israel widens offensive and strikes Houthis in Yemen

Israel has attacked Houthi sites in Yemen it said were used to transport Iranian weapons and oil. The strikes came as Israel carried out more attacks across Lebanon, and Hezbollah fired more rockets into northern Israel

Also on the programme: Austria's far right Freedom Party is heading for victory in national elections; and the Pope has been berated on a visit to Belgium about the clerical abuse of children and gender inequality in the Church.

(Photo: Smoke rises from the site of Israeli air strikes in the Red Sea port city of Hodeidah, Yemen on September 29, 2024. Credit: REUTERS/Stringer)

SUN 22:00 BBC News (w172zgf964gvfxf)

The latest five minute news bulletin from BBC World Service.

SUN 22:06 The Climate Question (w3ct5ws7)

[Repeat of broadcast at 14:06 today]

SUN 22:30 BBC News Summary (w172zgg3mw2jt5t)

The latest two minute news summary from BBC World Service.

SUN 22:32 Pick of the World (w3ct5v11)

[Repeat of broadcast at 09:32 on Saturday]

SUN 22:50 Over to You (w3ct5t8)

[Repeat of broadcast at 09:50 on Saturday]

SUN 23:00 BBC News (w172zgf964gvknk)

The latest five minute news bulletin from BBC World Service.

SUN 23:06 The Newsroom (w172zbqh36fms1w)

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

SUN 23:30 BBC News Summary (w172zgg3mw2jxxy)

The latest two minute news summary from BBC World Service.

SUN 23:32 The Fifth Floor (w3ct69j2)

[Repeat of broadcast at 10:32 today]

MONDAY 30 SEPTEMBER 2024

MON 00:00 BBC News (w172zgf964gvppd)

The latest five minute news bulletin from BBC World Service.

MON 00:06 From Our Own Correspondent (w3ct5sj8)

[Repeat of broadcast at 04:06 on Sunday]

MON 00:30 BBC News Summary (w172zgg3mw2k1p2)

The latest two minute news summary from BBC World Service.

MON 00:32 Trending (w3ct5y9h)

[Repeat of broadcast at 04:32 on Sunday]

MON 00:50 More or Less (w3ct5tqp)

[Repeat of broadcast at 05:50 on Saturday]

MON 01:00 BBC News (w172zgf9kdrndz)

The latest five minute news bulletin from BBC World Service.

MON 01:06 The Newsroom (w172zbqhggqrvt9)

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

MON 01:30 BBC News Summary (w172zgg404cp0pc)

The latest two minute news summary from BBC World Service.

MON 01:32 Discovery (w3ct5rn5)

The Life Scientific: Mike Edmunds

What is the universe made of? Where does space dust come from? And how exactly might one go about putting on a one-man-show about Sir Isaac Newton?

These are all questions that Mike Edmunds, emeritus professor of astrophysics at Cardiff University and president of the Royal Astronomical Society (RAS), has tackled during his distinguished career. And although physics is his first love, Mike is fascinated by an array of scientific disciplines - with achievements ranging from interpreting the spread of chemical elements in the Universe, to decoding the world's oldest-known astronomical artefact.

Recording in front of an audience at the RAS in London, professor Jim al-Khalili talks to Mike about his life, work and inspirations. And who knows, Sir Isaac might even make an appearance.

MON 02:00 BBC News (w172zgf9kdrzs53)

The latest five minute news bulletin from BBC World Service.

MON 02:06 The Newsroom (w172zbqhggqrzkf)

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

MON 02:30 BBC News Summary (w172zgg404cp4fh)

The latest two minute news summary from BBC World Service.

MON 02:32 CrowdScience (w3ct5rhn)

How did the Moon affect the dinosaurs?

The Moon and Earth are drifting gradually further apart. Every year the gap between them increases by a few centimetres. We know that the Moon's gravity has an important effect on Earth - from controlling the tides to affecting the planet's rotation - but slowly, imperceptibly, over billions of years, that influence will diminish as the Moon moves away.

For CrowdScience listener Tony in the UK that idea poses another question. What if we were to look back in time? What effects did the Moon have when it was closer to Earth? Would it counteract the planet's gravity more so that, at the time of the

dinosaurs, a Brontosaurus would weigh a little less than it would if it existed now?

It's an intriguing question. And, given that it involves both the Moon AND dinosaurs, it's one that's got presenter Anand Jagatia really excited!

Anand begins his journey on Brighton beach on the South coast of the UK. He's there to watch the full Moon rise - and get a few insights on Tony's question - from astronomer Darren Baskill and astrophotographer (and cellist) Ivana Perenic.

Anand talks to Darren about the influence of the Moon's gravity on Earth today. As they stand on the beach, with the sea lapping at their feet, they can certainly see its effect on the ocean tides. But did you know that the Moon also causes tides on the land as well? Every time it's overhead the ground you're standing on is higher by a few centimetres.

Professor Neil Comins, author of the book *What If the Moon Didn't Exist*, explains why the tides are the reason the Moon is moving away from Earth - and it has been ever since it was first formed.

And how was it formed anyhow? We turn back time with Prof. Sara Russell from the Natural History Museum in London to discover one of the most dramatic events in the early history of our solar system... when two worlds collided.

And, of course, it helps to know what a dinosaur weighed in the first place. Anand turns to paleontologist Nicolas Campione, who's been puzzling over the most accurate way to calculate the bulk of a Brontosaurus.

Contributors:

Dr. Darren Baskill, Astronomer, University of Sussex, UK
Ivana Perenic, Astrophotographer
Dr. Nicolas Campione, Paleontologist, University of New England, Australia
Prof. Sara Russell, Cosmic Mineralogist, Natural History Museum, UK
Prof. Neil Comins, Astronomer, University of Maine, USA

Presenter: Anand Jagatia

Producer: Jeremy Grange

Editor: Cathy Edwards

Production Co-ordinator: Ishmael Soriano

Studio Manager: Jackie Margerum

(Image: Tyrannosaurus Rex and Spinosaurus in front of the moon - stock photo Credit: MR1805 via Getty Images)

MON 03:00 BBC News (w172zgf9kdrzwx7)

The latest five minute news bulletin from BBC World Service.

MON 03:06 People Fixing The World (w3ct5twj)

[Repeat of broadcast at 10:06 on Sunday]

MON 03:30 BBC News Summary (w172zgg404cp85m)

The latest two minute news summary from BBC World Service.

MON 03:32 Pick of the World (w3ct5v11)

[Repeat of broadcast at 09:32 on Saturday]

MON 03:50 Over to You (w3ct5t18)

[Repeat of broadcast at 09:50 on Saturday]

MON 04:00 BBC News (w172zgf9kds00nc)

The latest five minute news bulletin from BBC World Service.

MON 04:06 The Newsroom (w172zbqhgqgs71p)

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

MON 04:30 BBC News Summary (w172zgg404cpcxr)

The latest two minute news summary from BBC World Service.

MON 04:32 The Conversation (w3ct5x01)

The life of a female driving instructor

For decades, the world of driving instructors was largely male dominated. Up until recently not every woman even had the right to drive - that only changed in 2018 when Saudi Arabia lifted their ban on female drivers. Datsiane Navanayagam speaks to two instructors to find out what it takes to teach this skill.

Aman Sanghera, a London-based driving instructor, turned to social media during the COVID-19 pandemic to keep teaching and share practical driving tips on her YouTube channel, Clearview Driving. Her videos quickly went viral, amassing

nearly a billion views.

Haru Hasegawa was a secondary school teacher in the Philippines but, since moving to Japan, now helps foreigners navigate the challenges of learning to drive in Tokyo at EDS Driving School. She made the career switch after her own Japanese driving instructor suggested it as a perfect fit.

Produced by Emily Naylor

(Image: (L) Aman Sanghera courtesy of Aman Sanghera. (R) Haru Hasegawa courtesy of Haru Hasegawa.)

MON 05:00 BBC News (w172zgf9kds04dh)

The latest five minute news bulletin from BBC World Service.

MON 05:06 Newsday (w172zbn6jszt822)

Israel expands its military operation in Lebanon

Israel has continued to launch airstrikes on Lebanon overnight. Lebanon's prime minister Najib Mikati said as many as one million people might have now fled their homes across the country.

We'll hear what impact an attack in the east of Lebanon had on one family there. We'll also speak to a former Israeli general about Israel's plan, after his nation's military struck targets in Yemen, as well as in Lebanon and Gaza.

And we'll go to Austria where the far-right Freedom Party won a historic general election victory, but not a majority, under leader Herbert Kickl.

And we'll speak to the head of the GAVI vaccine alliance to ask when African nations will have enough jabs to protect people from the deadly Mpox outbreak.

MON 06:00 BBC News (w172zgf9kds084m)

The latest five minute news bulletin from BBC World Service.

MON 06:06 Newsday (w172zbn6jsztct6)

Israel strikes dozens of Hezbollah sites in Lebanon

We'll head to Lebanon where the country's prime minister says up to a million people may have been displaced, as Israel continues its airstrikes in several parts of the country. We'll hear from some of those affected.

We'll also hear how officials and the public in Iran are reacting to the death of the leader of the Lebanese militant group Hezbollah. The Iranian government is a key backer of the Lebanese group.

The head of the influential Gavi, the Vaccine Alliance, tells Newsday the Mpox outbreak could be under control by the end of the year as efforts to buy vaccine against the viral disease are stepped up.

And as Rwanda grapples with its first outbreak of the Ebola-like Marburg virus, we hear what it can learn from countries like Uganda and Equatorial Guinea that have battled previous outbreaks.

MON 07:00 BBC News (w172zgf9kds0cwr)

The latest five minute news bulletin from BBC World Service.

MON 07:06 Newsday (w172zbn6jsztkb)

Israeli air strikes in Lebanon and Yemen

Israel has continued to launch airstrikes on Lebanon overnight. Lebanon's Prime Minister Najib Makati said as many as one million people might have now fled their homes across the country. We'll speak to one of those displaced in Beirut.

We'll also speak to a retired Israeli army general on Israel's expanding military campaign, with Israeli airstrikes in the past day in Gaza, Lebanon and Yemen.

Our correspondent brings us the story of two girls evacuated from Gaza and receiving specialist medical treatment in Italy after suffering bad burns.

We'll be live in Port Sudan with our Africa correspondent as the United Arab Emirates says its ambassador's residence in Khartoum was attacked by the Sudanese army.

And we'll bring you a new BBC investigation that tracked down a British man accused of trying to traffic cocaine with a street value of more than a hundred million dollars from South America to Europe.

MON 08:00 BBC News (w172zgf9kds0hwm)

The latest five minute news bulletin from BBC World Service.

MON 08:06 HARDtalk (w3ct5t04)

María Corina Machado: Defending democracy in Venezuela

Stephen Sackur speaks to the de-facto leader of the Venezuelan opposition, María Corina Machado. Two months after an election which she says delivered a humiliating defeat to the country's authoritarian leader President Nicolás Maduro, he's clinging on to power and his regime is clamping down on dissent. Have hopes for change again been thwarted in Venezuela?

MON 08:30 BBC News Summary (w172zgg404cpvx8)

The latest two minute news summary from BBC World Service.

MON 08:32 Business Daily (w3ct5z6z)

Is business ready for 6G?

As the world gradually adopts 5G, there's already talk of the next generation.

It'll be around 2030 before 6G arrives, but network operators in Japan and South Korea are gearing up.

Meanwhile, some predict that 6G will render smartphones obsolete within a decade.

Devices like sensors, displays, drones and electronics in vehicles will spontaneously create their own networks, sending and receiving at super-fast data rates and low latency.

So, why the early excitement over 6G? How should businesses be preparing and what difference will it make to our lives?

Presenter: Gareth Mitchell

Reporter: Michael Kaloki

Producer: Izzy Greenfield

(Image: A person holds a mobile phone next to a cell tower.

Credit: Getty Images)

MON 08:50 Witness History (w3ct5yhc)

Kristallnacht: The night of broken glass

In November 1938, the Nazis organised a night of terror against Jews in Germany. Windows of homes, businesses and synagogues were broken.

Kurt Salomon Maier was eight years old, living with his Jewish family in Kippenheim, Germany. He survived what became known as Kristallnacht or 'the night of broken glass' and escaped to the United States. Kurt Salomon Maier, now 94-years-old, speaks to James Jackson.

A Whistledown production for BBC World Service.

Eye-witness accounts brought to life by archive. Witness History is for those fascinated by the past. We take you to the events that have shaped our world through the eyes of the people who were there. For nine minutes every day, we take you back in time and all over the world, to examine wars, coups, scientific discoveries, cultural moments and much more.

Recent episodes explore everything from football in Brazil, the history of the 'Indian Titanic' and the invention of air fryers, to Public Enemy's Fight The Power, subway art and the political crisis in Georgia. We look at the lives of some of the most famous leaders, artists, scientists and personalities in history, including: visionary architect Antoni Gaudi and the design of the Sagrada Família; Michael Jordan and his bespoke Nike trainers; Princess Diana at the Taj Mahal; and Görel Hanser, manager of legendary Swedish pop band Abba on the influence they've had on the music industry. You can learn all about fascinating and surprising stories, such as the time an Iraqi journalist hurled his shoes at the President of the United States in protest of America's occupation of Iraq; the creation of the Hollywood commercial that changed advertising forever; and the ascent of the first Aboriginal MP.

(Photo: Windows with broken glass after Kristallnacht. Credit: Bettmann/Corbis/Bettmann Archive)

MON 09:00 BBC News (w172zgf9kds0md0)

The latest five minute news bulletin from BBC World Service.

MON 09:06 The Newsroom (w172zbqhgqgstb)

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

MON 09:30 BBC News Summary (w172zgg404cpzdnd)

The latest two minute news summary from BBC World Service.

MON 09:32 CrowdScience (w3ct5rhm)

[Repeat of broadcast at 02:32 today]

MON 10:00 BBC News (w172zgf9kds0r44)

The latest five minute news bulletin from BBC World Service.

MON 10:06 The History Hour (w3ct5n28)

South Africa's Immorality Act and India's Mars Orbiter Mission

We start with the story of a couple who were arrested under South Africa's Immorality Act, which banned sexual relationships between white people and non-white people. Dr Zureena Desai was arrested under the Immorality Act in South Africa.

Another law banned Inter-racial marriage in South Africa. In 1985, this was lifted. Suzanne La Clerc and Protas Madlala, the first inter-racial couple to get married under new rules in South Africa share their memories.

Our guest is Dr Susanne Klausen, The Brill professor of Women's, Gender and Sexuality Studies at The Pennsylvania State University in the USA. She talks about love, marriage and sex in apartheid South Africa and the two laws that were both repealed on the same day in 1985.

We hear from Urban Lambertson, survivor of the Estonia ferry disaster in 1994, one of the deadliest shipping disasters since the Titanic.

Film-maker Allen Hughes tells of the time when rap sensation, Tupac Shakur was fired from the crime movie Menace II Society.

Finally, the 'moon man of India' Dr Myswamy Annadurai, a scientist working on India's Mars Orbiter Mission tells of the country's momentous mission to Mars.

(Photo: Dr Zureena Desai. Credit: Abrie Jantjies)

MON 11:00 BBC News (w172zgf9kds0vw8)

The latest five minute news bulletin from BBC World Service.

MON 11:06 The Newsroom (w172zbqhggt28l)

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

MON 11:30 BBC News Summary (w172zgg404cq74n)

The latest two minute news summary from BBC World Service.

MON 11:32 The Global Story (w3ct6dls)

Why can't India tackle its sexual violence crisis?

The brutal rape and murder of a student on a bus in Delhi shocked the world in 2012. Yet despite the Indian government introducing stricter laws on sexual violence, little progress has been made to actually make women safer.

Last month there were widespread protests after the rape and murder of a trainee doctor at the hospital where she worked. What should India's leaders do differently to protect women at home, at work and on the streets?

On this episode, Katya Adler speaks to the BBC's India correspondent Soutik Biswas and presenter Devina Gupta.

Producers: Alice Aylett Roberts, Laurie Kalus, Tse Yin Lee and Peter Goffin

Sound engineers: Dafydd Evans and Mike Regaard

Assistant editor: Sergi Forcada Freixas

Senior news editor: Sara Wadeson

MON 12:00 BBC News (w172zgf9kds0zmd)

The latest five minute news bulletin from BBC World Service.

MON 12:06 Outlook (w3ct5nqm)

Love, grief, and an AI chatbot

When gaming enthusiast Joshua Barbeau met Jessica, he knew he had found his soulmate. But his happiness didn't last. Jessica died from a rare health condition aged just 23, leaving Joshua struggling to cope with his grief, and his life. Eight years later, in 2020, while playing around with a website that used AI to create bespoke chatbots, Joshua had an audacious idea. He decided to create a chatbot based on his beloved Jessica. It's an

experience that he says helped him finally to find closure.

Presenter: Mobeen Azhar
Producer: Rebecca Vincent

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

(Photo: Joshua Barbeau and Jessica Pereira; Credit: Joshua Barbeau)

MON 12:50 Witness History (w3ct5yhc)

[Repeat of broadcast at 08:50 today]

MON 13:00 BBC News (w172zgf9kds13cj)

The latest five minute news bulletin from BBC World Service.

MON 13:06 The Newsroom (w172zbqhggt9rv)

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

MON 13:30 BBC News Summary (w172zgg404cggmx)

The latest two minute news summary from BBC World Service.

MON 13:32 The Conversation (w3ct5x01)

[Repeat of broadcast at 04:32 today]

MON 14:00 BBC News (w172zgf9kds173n)

The latest five minute news bulletin from BBC World Service.

MON 14:06 Newshour (w172zb930n9z2lm)

Israel continues to strike Hezbollah, Hamas and Houthi targets

Israel continues to strike Hezbollah, Hamas and Houthi targets, as speculation about an Israeli ground invasion of Lebanon grows. We hear live from the Middle East, where Hezbollah's deputy leader has made a defiant speech after the killing of Hassan Nasrallah.

Also in the programme: as Austria's far-right Freedom Party wins the election, we hear how its leader, Herbert Kickl, came to power. And Roger McGuinn of the Byrds looks back at the life and music of Kris Kristofferson.

(IMAGE: Smoke billows over Khiam, amid ongoing cross-border hostilities between Hezbollah and Israeli forces, as pictured from Marjayoun, near the Lebanese border with Israel, September 30, 2024 / CREDIT: Reuters/Karamallah Daher)

MON 15:00 BBC News (w172zgf9kds1bvs)

The latest five minute news bulletin from BBC World Service.

MON 15:06 HARDtalk (w3ct5t04)

[Repeat of broadcast at 08:06 today]

MON 15:30 BBC News Summary (w172zgg404cqq45)

The latest two minute news summary from BBC World Service.

MON 15:32 World Business Report (w3ct5zyk)

Japanese stocks fall after new PM calls snap election

Japan's new PM has called an early election. Roger Hearing hears how the markets reacted to the surprise win of Shigeru Ishiba in the race to become president of the Liberal Democratic Party.
The auto company Stellantis which owns Aston Martin, Peugeot, Citroen, Fiat and Jeep has become the latest European car manufacturer to issue a profit warning
And global rice prices have been falling on Monday, following India's recent decision to resume exports.

MON 16:00 BBC News (w172zgf9kds1glx)

The latest five minute news bulletin from BBC World Service.

MON 16:06 BBC OS (w172zbj7qvp3p8)

One million displaced in Lebanon

As Israeli airstrikes continue across Lebanon, officials say more than 1,000 people have been killed over the past two weeks and up to a million may now be displaced. We speak to two people who've had to flee their homes because of the bombing. We also speak to our correspondents across the Middle-East on the latest developments in the region.

There's been an outbreak of Marburg virus in Rwanda after six people died. Twenty cases have been identified since the outbreak was confirmed on Friday. We speak to our Africa

Health correspondent to get the latest on the outbreak.

In Nepal, roads and bridges have been washed away by a surging torrent of water. The number of people known to have been killed by flooding has reached two hundred. We get the latest on the situation from our correspondent.

Presenter: Andrew Peach

(Photo: Syrian refugees, who fled from southern Lebanon villages due to ongoing hostilities between Hezbollah and Israeli forces, take shelter in a parking lot in Sidon, Lebanon September 30, 2024. Credit: REUTERS/Aziz Taher)

MON 17:00 BBC News (w172zgf9kds1lc1)

The latest five minute news bulletin from BBC World Service.

MON 17:06 BBC OS (w172zbj7qvp7fd)

Israel plans Lebanon ground invasion

Israel has told the US it plans to launch a limited ground incursion into Lebanon as soon as Monday, according to a US official. As Israel continues air strikes across Lebanon, Hezbollah's deputy leader says it's ready for an Israeli ground offensive. We get the latest from our chief international correspondent.

Almost a year after the war began in Gaza, the UN says the number of people with life changing injuries stands at more than 22,000. The World Health Organization says just over 200 injured people have made it out of Gaza since the Rafah border crossing with Egypt was closed in May. We'll speak to our correspondent who's been to visit some of them being treated in Italy.

And we speak to cruise passengers who were stuck in Belfast for four months after their ship was held up for repairs. The Villa Vie Residences' Odyssey was due to leave on 30th May, but will finally set sail tonight.

Presenter: Andrew Peach

(Photo: Israeli soldiers check military vehicles at a gathering site next to the border with Lebanon as seen from an undisclosed location in northern Israel, 30 September 2024. Credit: ATEF SAFADI/EPA-EFE/REX/Shutterstock)

MON 18:00 BBC News (w172zgf9kds1q35)

The latest five minute news bulletin from BBC World Service.

MON 18:06 Outlook (w3ct5nqm)

[Repeat of broadcast at 12:06 today]

MON 18:50 Witness History (w3ct5yhc)

[Repeat of broadcast at 08:50 today]

MON 19:00 BBC News (w172zgf9kds1tv9)

The latest five minute news bulletin from BBC World Service.

MON 19:06 The Newsroom (w172zbqhggtv17m)

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

MON 19:30 BBC News Summary (w172zgg404cr63p)

The latest two minute news summary from BBC World Service.

MON 19:32 Sport Today (w3ct5w3y)

2024/09/30 GMT

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

MON 20:00 BBC News (w172zgf9kds1ylf)

The latest five minute news bulletin from BBC World Service.

MON 20:06 From Our Own Correspondent (w3ct5sj8)

[Repeat of broadcast at 04:06 on Sunday]

MON 20:30 BBC News Summary (w172zgg404cr9vt)

The latest two minute news summary from BBC World Service.

MON 20:32 Discovery (w3ct5rn6)

Protein: Powerhouse or piffle?

Take a trip around the supermarket and you'll see shelves of products claiming to be 'high in protein'. Scroll through your

social media and you'll find beautiful, sculpted people offering recipes and ideas for packing more protein into your diet.

Science presenters Dr Julia Ravey and Dr Ella Hubber have noticed this too. They wanted to unpick the protein puzzle to find out what it does in our bodies and how much we really need. Can this macronutrient really help us lose weight, get fit and be healthier?

Along the way, they speak to Professor Giles Yeo from the University of Cambridge, Bridget Benelam from the British Nutrition Foundation, Paralympian hopeful Harrison Walsh, and food historian Pen Vogler.

Presenters: Dr Julia Ravey and Dr Ella Hubber
Producer: Alice Lipscombe-Southwell
Editor: Martin Smith

MON 21:00 BBC News (w172zgf9kds22bk)
The latest five minute news bulletin from BBC World Service.

MON 21:06 Newshour (w172zb930n9xtj)
Israel thought to be on brink of Lebanon ground incursion

The US State Department says Israel has informed Washington of its plans to go into Lebanon. We track the latest events, and here from retired Israeli military man Amir Avivi and Lebanese politician Michel Helou.

Also in the programme: the trail of destruction left across North Carolina by Hurricane Helene, and love blossoms when a cruise ship is delayed in Northern Ireland.

(Photo: Israeli forces firing towards Lebanon near the Israel-Lebanon border on 30 September, 2024. Credit: The Associated Press)

MON 22:00 BBC News (w172zgf9kds262p)
The latest five minute news bulletin from BBC World Service.

MON 22:06 HARDtalk (w3ct5t04)
[Repeat of broadcast at 08:06 today]

MON 22:30 BBC News Summary (w172zgg404crkc2)
The latest two minute news summary from BBC World Service.

MON 22:32 The Conversation (w3ct5x01)
[Repeat of broadcast at 04:32 today]

MON 23:00 BBC News (w172zgf9kds29tt)
The latest five minute news bulletin from BBC World Service.

MON 23:06 The Newsroom (w172zbqhgqj74)
The world's Newsroom brings you global events as they happen

MON 23:30 BBC News Summary (w172zgg404crp36)
The latest two minute news summary from BBC World Service.

MON 23:32 World Business Report (w3ct600t)
Strike poised to shut down major US ports

US ports brace for shut down as dockworkers strike is set to halt container traffic along the east and gulf coasts. We get the latest.

The markets haven't welcome the arrival of Japan's new Prime Minister, Shigeru Ishiba. We find out why.

And we take a look at the 10-billion merger of the last two remaining satellite TV providers in the US.

TUESDAY 01 OCTOBER 2024

TUE 00:00 BBC News (w172zgf9kds2fky)
The latest five minute news bulletin from BBC World Service.

TUE 00:06 The History Hour (w3ct5n28)
[Repeat of broadcast at 10:06 on Monday]

TUE 01:00 BBC News (w172zgf9kds2kb2)
The latest five minute news bulletin from BBC World Service.

TUE 01:06 Business Matters (w172zbfns03dtgy)
Israel launches "limited" ground operation against Hezbollah in

Lebanon

The Israel Defense Forces launches a "limited, localised and targeted" ground operation against Hezbollah in southern Lebanon. We get the latest.

US ports brace for shut down as dockworkers strike is set to halt container traffic along the east and gulf coasts. We look at the numbers.

The markets haven't welcome the arrival of Japan's new Prime Minister, Shigeru Ishiba. We find out why.

Rahul Tandon discusses these and more business stories with two guests on opposite sides of the world: freelance journalist Fermin Koop in Argentina, and Zyma Islam, a journalist for The Daily Star in Dhaka in Bangladesh.

TUE 02:00 BBC News (w172zgf9kds2p26)
The latest five minute news bulletin from BBC World Service.

TUE 02:06 The Newsroom (w172zbqhgqjvvgj)
The world's Newsroom brings you global events as they happen

TUE 02:30 BBC News Summary (w172zgg404cs1bl)
The latest two minute news summary from BBC World Service.

TUE 02:32 Assignment (w3ct5mt9)
Panama's water fights

Panama is one of the wettest countries in the world. It also has a world famous shipping canal which earns it billions of dollars a year. With big money and high rainfall combined, it should be straightforward to meet the water needs of its four million plus people.

But hundreds of thousands of Panamanians don't have access to piped water. With a growing population and a drought, last year the Canal Authority reduced the number of ships passing through by a third, losing it and the country hundreds of millions of dollars in revenue.

The Authority says this was done to protect drinking water for the 2.5 million people who rely on the same water supply the Canal uses to work its massive locks. With uncertainty over the impact of climate change, Panamanians are asking whether there'll be enough fresh water to satisfy the enormous demand from the canal's locks with the basic need to have regular access to clean water.

Jane Chambers travels to Panama to meet the people involved in the struggles for access to water.

Producer: Bob Howard
Presenter: Jane Chambers
Sound Mix: Rod Farquhar
Production Coordinator: Gemma Ashman
Editor: Penny Murphy

(Image: A container ship passing through the Panama Canal.
Credit: Bob Howard/BBC)

TUE 03:00 BBC News (w172zgf9kds2stb)
The latest five minute news bulletin from BBC World Service.

TUE 03:06 Outlook (w3ct5nqm)
[Repeat of broadcast at 12:06 on Monday]

TUE 03:50 Witness History (w3ct5yhc)
[Repeat of broadcast at 08:50 on Monday]

TUE 04:00 BBC News (w172zgf9kds2xkg)
The latest five minute news bulletin from BBC World Service.

TUE 04:06 The Newsroom (w172zbqhgqjw3ys)
The world's Newsroom brings you global events as they happen

TUE 04:30 BBC News Summary (w172zgg404cs8tv)
The latest two minute news summary from BBC World Service.

TUE 04:32 In the Studio (w3ct5t16)
Ian Rankin: Tartan Noir, part one

Ian Rankin has been called "the king of crime fiction". His Inspector Rebus books have sold more than 30 million copies worldwide, translated into 37 languages. And yet, as he embarks on writing the next in his series, he reveals that "sitting down and actually writing the books is hard... and it's not getting any

easier." Where does he begin – and where might the series end?

For two episodes of In the Studio, recorded across Scotland over several months, Writer Andy Martin follows Ian Rankin as he gets his next novel into shape.

Presenter: Andy Martin
Producer: Steve Urquhart
Executive producer: Steven Rajam
An Overcoat Media production for BBC World Service

(Image: Ian Rankin. Credit: Steve Urquhart)

TUE 05:00 BBC News (w172zgf9kds319l)
The latest five minute news bulletin from BBC World Service.

TUE 05:06 Newsday (w172zkb6jszx4z5)
IDF begins ground operation in southern Lebanon

Israeli ground forces have crossed into southern Lebanon marking an important new escalation of their offensive against the militant group Hezbollah. Israel is calling the incursion a 'limited ground operation', and was backed by airstrikes and artillery fire. We will hear from our reporter who is on the Israel-Lebanon border.

The ground offensive follows weeks of heavy blows by Israel against Hezbollah, including the killing of its long-time leader. We will hear from our correspondents across the region and speak to people in Lebanon, Israel and its main ally, the United States.

There's a warning that one of the worst famines in decades could soon take hold in Sudan following a year and a half of brutal civil war there. We have a special report from near the capital, the scene of intense recent fighting.

TUE 06:00 BBC News (w172zgf9kds351q)
The latest five minute news bulletin from BBC World Service.

TUE 06:06 Newsday (w172zkb6jszx8q9)
IDF: 'Limited ground operation' in Lebanon

Israel says it has launched a limited ground offensive against Hezbollah targets in Lebanon. The Israeli military said the operation was localised and targeted, and was backed by airstrikes and artillery fire. new escalation of their offensive against the militant group Hezbollah - we will hear from a retired general in the Israeli army

Authorities in Lebanon say some ninety five people were killed and a hundred and seventy two injured in Israeli air strikes across Lebanon on Monday. This adds to the more than one thousand people who have been killed in the past two weeks. Up to a million people are now estimated to have been displaced. We'll speak to the country's health minister.

The US aviation regulator is warning about forty airlines or operators around the world might be using Boeing planes with defective parts.

TUE 07:00 BBC News (w172zgf9kds38sv)
The latest five minute news bulletin from BBC World Service.

TUE 07:06 Newsday (w172zkb6jszxdgf)
Israel launches ground invasion of southern Lebanon

Israeli ground forces have crossed into southern Lebanon, marking an important new escalation of their offensive against the militant group Hezbollah. Israel is calling the incursion a 'limited ground operation', and was backed by airstrikes and artillery fire. Up to one million people in Lebanon have been displaced. We speak to a United Nations official who helps refugees in the region. We also speak to a former Israeli minister and senior commander in Israel's war in Gaza.

In the United States, about 45,000 workers on the Gulf and East coasts have began a strike after a breakdown in union talks.

Tributes are pouring in for Dikembe Mutombo, former NBA basketball star who has died at the age of 58 from brain cancer.

There is a warning that one of the worst famines in decades could soon take hold in Sudan following a year and a half of brutal civil war there. We have a special report from near the capital, the scene of intense recent fighting.

TUE 08:00 BBC News (w172zgf9kds3djz)
The latest five minute news bulletin from BBC World Service.

TUE 08:06 People Fixing The World (w3ct5twk)

Saving Britain's sea life

The health of shorelines around the world is under threat like never before. We look at efforts being made in the UK to tackle some of the challenges posed by overfishing and climate change. We travel to Yorkshire in northern England to meet the scientists and fishing communities trying to work out how to protect local lobster stocks. And in Devon in south west England we hear how artificial reefs are helping attract fish and crustaceans to a previously barren patch of sea.

Presenter: Myra Anubi
Producer/reporter: Craig Langran
Yorkshire reporter: Madeleine Drury
Editor: Jon Bithrey
Sound mix: Hal Haines

(Image: Staff from Whitby Lobster Hatchery, copyright Maddie Drury/BBC)

TUE 08:30 BBC News Summary (w172zgg404csrc)
The latest two minute news summary from BBC World Service.

TUE 08:32 Business Daily (w3ct5zj0)
Rebuilding Canada's tourism industry

It's the second largest landmass in the world, famous for its lakes and spectacular forests, yet Canada's travel industry has faced challenges since the Covid pandemic hit in 2020.

International visitor numbers still haven't recovered, and extreme weather events like wildfires have destroyed some of its best-known resorts. Plus difficult diplomatic relations have meant a reduction in tourists from a key market - China.

But Canada's government says it has a plan for the sector which is worth \$38bn CAD to Canada's GDP.

We'll hear about it from the country's tourism minister and from business owners and tourists too.

Presenter/producer: Megan Lawton

(Photo: Jack Rivers is an indigenous cultural guide on Manitoulin Island, he runs tours around the Wiikwemkoong Reserve)

TUE 08:50 Witness History (w3ct5ymw)
Cambodia war crimes

In 2009, a UN-backed war crimes tribunal opened in Cambodia to try the senior Khmer Rouge commanders responsible for genocide.

An estimated two million people were killed during Pol Pot's regime in the 1970s.

Aged 26, New Zealander Kerry Hamill was on a sailing trip with friends when he mistakenly found himself in Cambodian waters.

He was taken to Tuol Sleng prison where thousands of people were tortured and murdered.

In 2022 Kerry's brother, Rob Hamill, told Josephine McDermott how he testified against the infamous torturer Comrade Duch.

(Photo: Kerry Hamill aboard his boat. Credit: Rob Hamill)

Eye-witness accounts brought to life by archive. Witness History is for those fascinated by the past. We take you to the events that have shaped our world through the eyes of the people who were there. For nine minutes every day, we take you back in time and all over the world, to examine wars, coups, scientific discoveries, cultural moments and much more.

Recent episodes explore everything from football in Brazil, the history of the 'Indian Titanic' and the invention of air fryers, to Public Enemy's Fight The Power, subway art and the political crisis in Georgia. We look at the lives of some of the most famous leaders, artists, scientists and personalities in history, including: visionary architect Antoni Gaudi and the design of the Sagrada Familia; Michael Jordan and his bespoke Nike trainers; Princess Diana at the Taj Mahal; and Görel Hanser, manager of legendary Swedish pop band Abba on the influence they've had on the music industry. You can learn all about fascinating and surprising stories, such as the time an Iraqi journalist hurled his shoes at the President of the United States in protest of America's occupation of Iraq; the creation of the Hollywood commercial that changed advertising forever; and the ascent of the first Aboriginal MP.

TUE 09:00 BBC News (w172zgf9kds3j93)
The latest five minute news bulletin from BBC World Service.

TUE 09:06 The Newsroom (w172zbqhgqwpf)
The world's Newsroom brings you global events as they happen

TUE 09:30 BBC News Summary (w172zgg404cswkh)
The latest two minute news summary from BBC World Service.

TUE 09:32 Assignment (w3ct5mt9)
[Repeat of broadcast at 02:32 today]

TUE 10:00 BBC News (w172zgf9kds3n17)
The latest five minute news bulletin from BBC World Service.

TUE 10:06 The Arts Hour (w3ct5qjz)
[Repeat of broadcast at 20:06 on Saturday]

TUE 11:00 BBC News (w172zgf9kds3rsc)
The latest five minute news bulletin from BBC World Service.

TUE 11:06 The Newsroom (w172zbqhgqgwz5p)
The world's Newsroom brings you global events as they happen

TUE 11:30 BBC News Summary (w172zgg404ct41r)
The latest two minute news summary from BBC World Service.

TUE 11:32 The Global Story (w3ct6fbc)
America and... Climate change

How could Kamala Harris or Donald Trump shape the global response to the climate crisis? As one of the world's largest producers of fossil fuels and carbon emissions, the US plays a pivotal role in addressing climate change. The environmental policies of the next president could reshape American industry and the economy, while influencing the global fight against climate change. On this episode, Sumi Somaskanda speaks to the BBC's climate editor Justin Rowlett and Carl Nasman, who covers US climate issues for the BBC.

The Global Story brings you trusted insights from BBC journalists worldwide. We want your ideas, stories and experiences to help us understand and tell #TheGlobalStory. Email us at theglobalstory@bbc.com You can also message us or leave a voice note via WhatsApp on +44 330 123 9480.

Producers: Peter Goffin, Tom Kavanagh and Eleanor Sly

Sound engineer: Hannah Montgomery

Assistant editor: Sergi Forcada Freixas

Senior news editor: Sara Wadeson

TUE 12:00 BBC News (w172zgf9kds3wjh)
The latest five minute news bulletin from BBC World Service.

TUE 12:06 Outlook (w3ct5p55)
How my 'Sandpit monster' became an urban myth

Ron Gollobin is a former investigative reporter from the US, who has won multiple Emmy Awards for his work focussing largely on organised crime. Growing up in North Carolina, Ron would often take himself off to the surrounding swamps on the hunt for frogs and other wild creatures. It was late one night in 1959, in an area known locally as the Sandpits, that Ron and his friend became spooked by a sound in the brush, which sent them running for their lives. Ron didn't see what had made the sound but soon began embellishing the story. Before he knew it, he'd invented 'the Sandpit creature', a local legend that spread further than he could ever have imagined. You can read this and other stories by Ron on Narratively.com

British-Nigerian actor and director Adewale Akinnuoye-Agbaje was raised by a white family in an area where racism was a huge problem. As a teenager, he joined a skinhead gang that had tormented him for protection. He spoke to Outlook's Emily Webb in 2019. If you need support following anything you've heard in this interview you can find resources at Befrienders.org.

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

(Photo: Ron Gollobin pretending to be bitten by a snake. Credit: Ron Gollobin)

"Lost and Found" theme in Part 1 composed by Danny Greenwald

TUE 12:50 Witness History (w3ct5ymw)

[Repeat of broadcast at 08:50 today]

TUE 13:00 BBC News (w172zgf9kds408m)
The latest five minute news bulletin from BBC World Service.

TUE 13:06 The Newsroom (w172zbqhgqwx6ny)
The world's Newsroom brings you global events as they happen

TUE 13:30 BBC News Summary (w172zgg404ctck0)
The latest two minute news summary from BBC World Service.

TUE 13:32 In the Studio (w3ct5tl6)
[Repeat of broadcast at 04:32 today]

TUE 14:00 BBC News (w172zgf9kds440r)
The latest five minute news bulletin from BBC World Service.

TUE 14:06 Newshour (w172zb930nb1zhq)
Israel launches ground invasion of southern Lebanon

Israel has told the residents of more than twenty locations in southern Lebanon to evacuate immediately. Its forces have been carrying out what it describes as limited, localised raids across the Lebanese border against Hezbollah. We hear from Peter Lerner of the IDF, Lebanese businessman and independent MP Neemat Frem, and Dina Esfandiary of the Crisis Group on how Iran may respond to Nasrallah's killing.

Also in the programme: the BBC's Barbara Plett Usher reports from Sudan, where famine is spreading as the civil war goes on; and a look at water worries in Panama, one of the world's wettest countries.

(IMAGE: Palestinian refugee camp has hit in Lebanon / CREDIT: EPA)

TUE 15:00 BBC News (w172zgf9kds47rw)
The latest five minute news bulletin from BBC World Service.

TUE 15:06 People Fixing The World (w3ct5twk)
[Repeat of broadcast at 08:06 today]

TUE 15:30 BBC News Summary (w172zgg404ctm18)
The latest two minute news summary from BBC World Service.

TUE 15:32 World Business Report (w3ct607l)
US dockworkers go on strike

Tens of thousands of dock workers in the US walk out in a dispute over pay and automation. Will Bain hears from our North America business correspondent Michelle Fleury, who's at the port of Newark. We also hear how the dispute could affect global supply chains, and the CEO of one of the world's biggest warehouse firms, Prologis, on how it could affect them.

In the Middle East, the Israeli military has been carrying out what it describes as limited, localised raids against Hezbollah across its border with Lebanon. We hear from a Lebanese economist on how the Middle East's economy is likely to react, and hear about a jump in oil prices following the US' announcement that there are signs that Iran is preparing to launch an imminent missile attack against Israel.

Plus we're in Paris to find out about the city's fashion week - and the luxury market's challenges with declining sales.

TUE 16:00 BBC News (w172zgf9kds4cj0)
The latest five minute news bulletin from BBC World Service.

TUE 16:06 BBC OS (w172zbj7qvs0lc)
Israel's ground invasion of southern Lebanon

We look at the situation in Lebanon following the Israeli decision to invade the country. The Israeli military has described its action as: "limited, localised and targeted." We'll get the latest from our correspondents on the ground and reaction from those caught up in the conflict.

We speak to some of the people who bring relief to those forced to flee their homes and find out how much harder their job is becoming by the day.

African student and workers have been telling the BBC about being stranded in Lebanon. They say their documents were taken and they have no money to get out.

Plus we'll discuss the 80 year old model who narrowly missed becoming the oldest Miss Universe Korea.

Credit: Smoke billows amid ongoing hostilities between Hezbollah and Israeli forces, as seen from Tyre, southern Lebanon. Aziz Taher/Reuters

TUE 17:00 BBC News (w172zgf9kds4h84)

The latest five minute news bulletin from BBC World Service.

TUE 17:06 BBC OS (w172zbfj7qvvs4bh)

Israel's invasion of southern Lebanon

Following Israel's invasion of southern Lebanon, officials in the United States say Iran is preparing to launch a ballistic missile attack against Israel. We'll get the latest from the region.

We'll hear from some of those who have had to flee their homes in Lebanon. They tell us they have found shelter thanks to their family and friends but others have not been so lucky.

We hear from people in North Carolina in the United States. Their homes were destroyed by floods after Hurricane Helene hit the USA. Over one hundred people have been killed and hundreds are still missing.

And we visit the town hall in central London that's offering to host 100 weddings in a day.

Credit: Louisa Gouliamaki/ Reuters. A dog lies by a person in a makeshift tent at an encampment where scores of displaced people live, amid cross-border hostilities between Hezbollah and Israeli forces, at a beach in Beirut.

TUE 18:00 BBC News (w172zgf9kds4m08)

The latest five minute news bulletin from BBC World Service.

TUE 18:06 BBC OS (w172zbfj7qvvs82m)

2024/10/01 17:06 GMT

BBC OS gives a vibrant account of the day's events with explanation and reaction from those involved.

TUE 19:00 BBC News (w172zgf9kds4qrd)

The latest five minute news bulletin from BBC World Service.

TUE 19:06 The Newsroom (w172zbqhgqxy4q)

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

TUE 20:00 BBC News (w172zgf9kds4vhj)

The latest five minute news bulletin from BBC World Service.

TUE 20:06 Newshour (w172zb930nb2pzh)

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

TUE 21:00 BBC News (w172zgf9kds4z7n)

The latest five minute news bulletin from BBC World Service.

TUE 21:06 Newshour (w172zb930nb2tqm)

Iran launches barrage of missiles at Israel

Explosions have been heard across Israel after Iran said it had launched dozens of ballistic missiles towards the country. Iran's Revolutionary Guards said it launched the missiles in retaliation for recent attacks that killed the leaders of Hezbollah and Hamas, as well as a senior Iranian commander.

Also on the programme: reaction from Israel and an academic close to the Iranian government.

(Image: A man holds children as people take cover during an air raid siren after Iran fired a salvo of ballistic missiles, amid cross-border hostilities in central Israel on 1 October 2024. Credit: Reuters/Ronen Zvulun)

TUE 22:00 BBC News (w172zgf9kds52zs)

The latest five minute news bulletin from BBC World Service.

TUE 22:06 People Fixing The World (w3ct5twk)

[Repeat of broadcast at 08:06 today]

TUE 22:30 BBC News Summary (w172zgg404cvg85)

The latest two minute news summary from BBC World Service.

TUE 22:32 In the Studio (w3ct5tl6)

[Repeat of broadcast at 04:32 today]

TUE 23:00 BBC News (w172zgf9kds56qx)

The latest five minute news bulletin from BBC World Service.

TUE 23:06 The Newsroom (w172zbqhgqyf47)

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

TUE 23:30 BBC News Summary (w172zgg404cv109)

The latest two minute news summary from BBC World Service.

TUE 23:32 World Business Report (w3ct609v)

Iran launches ballistic missiles at Israel

The attacks come after Israeli troops invaded Lebanon, in a ground operation against Hezbollah. Thousands have crossed from Lebanon to Syria seeking shelter. What could this mean for these countries whose economies are already struggling? Plus, Canada's international trade minister talks about fears of ending up in a trade war with China.

WEDNESDAY 02 OCTOBER 2024

WED 00:00 BBC News (w172zgf9kds5bh1)

The latest five minute news bulletin from BBC World Service.

WED 00:06 The Arts Hour (w3ct5qjz)

[Repeat of broadcast at 20:06 on Saturday]

WED 01:00 BBC News (w172zgf9kds5g75)

The latest five minute news bulletin from BBC World Service.

WED 01:06 Business Matters (w172zbfns03hq1)

Israel warns Iran of 'consequences' after unprecedented missile attacks

The attacks come after Israeli troops invaded Lebanon, in a ground operation against Hezbollah. Thousands have crossed from Lebanon to Syria seeking shelter. What could this mean for these countries whose economies are already struggling? Also, what will Mexico's first female president do for the country's economy? Plus, Canada's international trade minister talks about fears of ending up in a trade war with China.

Andrew Peach is joined throughout the show by Hayley Woodin, editor in chief of Business in Vancouver, Canada, and David Kuo from The Smart Investor in Singapore.

WED 02:00 BBC News (w172zgf9kds5kz9)

The latest five minute news bulletin from BBC World Service.

WED 02:06 The Newsroom (w172zbqhgqyqscm)

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

WED 02:30 BBC News Summary (w172zgg404cvy7p)

The latest two minute news summary from BBC World Service.

WED 02:32 The Climate Question (w3ct5ws7)

[Repeat of broadcast at 14:06 on Sunday]

WED 03:00 BBC News (w172zgf9kds5pqf)

The latest five minute news bulletin from BBC World Service.

WED 03:06 Outlook (w3ct5p55)

[Repeat of broadcast at 12:06 on Tuesday]

WED 03:50 Witness History (w3ct5ymw)

[Repeat of broadcast at 08:50 on Tuesday]

WED 04:00 BBC News (w172zgf9kds5tqk)

The latest five minute news bulletin from BBC World Service.

WED 04:06 The Newsroom (w172zbqhgqz0vw)

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

WED 04:30 BBC News Summary (w172zgg404cw5qy)

The latest two minute news summary from BBC World Service.

WED 04:32 World Of Secrets (w3ct793l)

Al Fayed, Predator at Harrods

Al Fayed, Predator at Harrods: 2. Executive suite

Sophia is working in Harrods and is spotted by Mohamed Al Fayed. She's handed an incredible career opportunity. Soon she moves to work with her billionaire boss in his executive suite. Not everything is as it seems.

On the shop floor, Mohamed Al Fayed is known for the way he makes a dramatic entrance, flanked by security guards. "He's coming, he's coming", staff call out, as they spring to attention. Celebrity customers in the 1990s, like pop superstar Michael Jackson, are shopping in the store.

This season of World of Secrets is about sexual abuse, and includes descriptions which some listeners might find distressing. For a list of organisations in the UK that can provide support for survivors of sexual abuse, go to bbc.co.uk/actionline.

Presented by Cassie Cornish-Trestrail and Shaimaa Khalil, and produced by Neal Razzell and Sally Abrahams. The editor is Matt Willis. It's a Long Form Audio production for the BBC World Service.

WED 05:00 BBC News (w172zgf9kds5y6p)

The latest five minute news bulletin from BBC World Service.

WED 05:06 Newsday (w172zbfj7qvvs82m)

Israel says Iran will pay for missile barrage

Iran has launched a missile attack on Israel - the Israeli military says around 180 missiles were fired, most of which were intercepted. UN and EU ask for a ceasefire.

And in the US, Tim Walz and JD Vance - the two Vice Presidential candidates in the upcoming election in November - faced off on the debate stage. So who did better?

(Pic: Israel's Iron Dome anti-missile system intercepts rockets; Credit: Reuters)

WED 06:00 BBC News (w172zgf9kds61yt)

The latest five minute news bulletin from BBC World Service.

WED 06:06 Newsday (w172zbfj7qvvs82m)

Iran threatens more strikes on Israel

Israeli Prime Minister Benjamin Netanyahu described the attack as "a big mistake" after Iran launched a barrage of ballistic missiles at targets across the country.

The Democratic and Republican vice-presidential candidates faced off in their one and only debate ahead of US elections.

(Pic: Iranians hold pictures of late Hezbollah leader Hassan Nasrallah as they celebrate after Iran launched a missile attack on Israel; Credit: EPA-EFE/REX/Shutterstock)

WED 07:00 BBC News (w172zgf9kds65py)

The latest five minute news bulletin from BBC World Service.

WED 07:06 Newsday (w172zbfj7qvvs82m)

Netanyahu warns Iran will face 'consequences'

The Israeli prime minister said his country was determined to retaliate, adding that Tehran 'made a big mistake tonight' as strikes on Beirut continued overnight.

In the US, Tim Walz and JD Vance - the two Vice Presidential candidates in the upcoming election in November - faced off on the debate stage.

(Photo: Prime Minister of Israel Benjamin Netanyahu addresses the General Debate of the 79th session of the UN General Assembly. Credit: EPA-EFE/REX/Shutterstock)

WED 08:00 BBC News (w172zgf9kds69g2)

The latest five minute news bulletin from BBC World Service.

WED 08:06 HARDtalk (w3ct5t4n)

Steven McRae: Should ballet do more for young dancers?

Mishal Husain speaks to Steven McRae, a principal dancer with the Royal Ballet in London. He had a meteoric rise to the top, defying serious injuries along the way. At 38, he's still in the game, beyond the age when most ballet dancers retire. How does he want his profession to change to look after a younger generation?

WED 08:30 BBC News Summary (w172zgg404cwnqg)
The latest two minute news summary from BBC World Service.

WED 08:32 Business Daily (w3ct5znj)
Shipwrecks: The search for the San José

In the first of our three part series looking at the money behind shipwrecks, we start with what's been called "the most valuable shipwreck in the world".

The San José is a Spanish galleon sunk by the British off the Colombian coast more than 300 years ago.

The treasure onboard is estimated to be worth \$18bn, which means plenty of people are looking for it, and trying to lay claim to it.

A salvage company, the Colombians, the Spanish and a Bolivian indigenous community all say the shipwreck and treasure is theirs.

We hear their claims and find out more about this "holy grail of shipwrecks".

Presented and produced by Gideon Long.

(Image: Wagner's action of Cartagena (depicting the moment the San Jose exploded) by Samuel Scott. Credit: National Maritime Museum, Greenwich, London)

WED 08:50 Witness History (w3ct5yq4)
South Africa's nuclear weapons

In 1989, South Africa became the first, and only country to make and then dismantle nuclear weapons.

The project was conducted at Kentron Circle, a secret weapons facility.

André Buys was plant manager and systems engineer at Kentron Circle and was involved in making the weapons.

He tells Gill Kearsley about his work on this once top-secret project.

Eye-witness accounts brought to life by archive. Witness History is for those fascinated by the past. We take you to the events that have shaped our world through the eyes of the people who were there. For nine minutes every day, we take you back in time and all over the world, to examine wars, coups, scientific discoveries, cultural moments and much more.

Recent episodes explore everything from football in Brazil, the history of the 'Indian Titanic' and the invention of air fryers, to Public Enemy's Fight The Power, subway art and the political crisis in Georgia. We look at the lives of some of the most famous leaders, artists, scientists and personalities in history, including: visionary architect Antoni Gaudi and the design of the Sagrada Familia; Michael Jordan and his bespoke Nike trainers; Princess Diana at the Taj Mahal; and Görel Hanser, manager of legendary Swedish pop band Abba on the influence they've had on the music industry. You can learn all about fascinating and surprising stories, such as the time an Iraqi journalist hurled his shoes at the President of the United States in protest of America's occupation of Iraq; the creation of the Hollywood commercial that changed advertising forever; and the ascent of the first Aboriginal MP.

(Photo: André Buys and his son standing in front of the empty warhead storage vaults at the former Kentron Circle nuclear weapons facility. Credit: André Buys)

WED 09:00 BBC News (w172zgf9kds6f66)
The latest five minute news bulletin from BBC World Service.

WED 09:06 The Newsroom (w172zbqhggqzmlj)
The world's Newsroom brings you global events as they happen

WED 09:30 BBC News Summary (w172zgg404cwsgl)
The latest two minute news summary from BBC World Service.

WED 09:32 The Climate Question (w3ct5ws7)
[Repeat of broadcast at 14:06 on Sunday]

WED 10:00 BBC News (w172zgf9kds6jyb)
The latest five minute news bulletin from BBC World Service.

WED 10:06 The Forum (w3ct5n0d)
[Repeat of broadcast at 12:06 on Saturday]

WED 11:00 BBC News (w172zgf9kds6npg)
The latest five minute news bulletin from BBC World Service.

WED 11:06 The Newsroom (w172zbqhggqzws)
The world's Newsroom brings you global events as they happen

WED 11:30 BBC News Summary (w172zgg404cx0yv)
The latest two minute news summary from BBC World Service.

WED 11:32 The Global Story (w3ct6dr9)
US election: Vice-presidential debate reaction

Republican JD Vance and Democrat Tim Walz have been facing off in a surprisingly amicable vice-presidential debate which focussed strongly on policy. Rather than resort to personal jabs, the pair seemed laser-focussed on the records of their respective running mates, covering topics from immigration to abortion and the economy. In this shortened campaign some analysts have suggested the event carried heightened importance, but did the performance of either candidate move the needle and were voters really paying attention?

Caitriona Perry is joined at the debate venue in New York by the BBC's North America reporter Kayla Epstein for her immediate reaction to proceedings.

The clips in this episode are from the CBS News Vice Presidential Debate.

The Global Story brings you trusted insights from BBC journalists worldwide. We want your ideas, stories and experiences to help us understand and tell #TheGlobalStory. Email us at theglobalstory@bbc.com You can also message us or leave a voice note via WhatsApp on +44 330 123 9480.

Producers: Laurie Kalus and Alix Pickles

Assistant editor: Sergi Forcada Freixas

Senior news editor: Sara Wadeson

WED 12:00 BBC News (w172zgf9kds6sfl)
The latest five minute news bulletin from BBC World Service.

WED 12:06 Outlook (w3ct5pcy)
My grandfather was the biggest mass murderer in history

He was the grandparent the family never talked about, until Kai discovered in a school lesson on the Holocaust that he was related to leading Nazi, Rudolph Hoss. After the second world war his grandfather had been put on trial and executed for his role in overseeing the murder of more than a million people in the gas chambers at Auschwitz. Kai was shocked and appalled by his grandfather's role and it affected him greatly, though eventually a religious path helped him.

Kai had a difficult relationship with own his father, who as a young child lived within sight of the Auschwitz concentration camp, but was always reluctant to talk about it.

Recently they have reconciled, after not speaking for over 30 years and took part in a documentary film called The Commandant's Shadow which explores the lives of both the Hoss family at Auschwitz and survivors.

Presenter: Jo Fidge
Producer: Julian Siddle

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

(Photo: entrance gates and railway lines at Birkenau, Auschwitz Concentration Camp in Poland. Credit: Getty Images)

WED 12:50 Witness History (w3ct5yq4)
[Repeat of broadcast at 08:50 today]

WED 13:00 BBC News (w172zgf9kds6x5q)
The latest five minute news bulletin from BBC World Service.

WED 13:06 The Newsroom (w172zbqhgg031I)
The world's Newsroom brings you global events as they happen

WED 13:30 BBC News Summary (w172zgg404cx8g3)
The latest two minute news summary from BBC World Service.

WED 13:32 World Of Secrets (w3ct793I)

[Repeat of broadcast at 04:32 today]

WED 14:00 BBC News (w172zgf9kds70xv)
The latest five minute news bulletin from BBC World Service.

WED 14:06 Newshour (w172zb930nb4wdt)
Israel and Hezbollah clash inside Lebanon

With reports of close combat between Israeli soldiers and Hezbollah in southern Lebanon, we hear from both sides of the border. And how will Israel respond to Iran's barrage of missiles last night?

We also get reaction from Tehran to Iran's decision to attack Israel directly; and we ask where this all leaves American influence in the region - is it now just a bystander?

(IMAGE: Smoke billows amid the ongoing hostilities between Hezbollah and Israeli forces, as seen from Tyre, southern Lebanon October 2, 2024 / CREDIT: REUTERS/Aziz Taher)

WED 15:00 BBC News (w172zgf9kds74nz)
The latest five minute news bulletin from BBC World Service.

WED 15:06 HARDtalk (w3ct5t4n)
[Repeat of broadcast at 08:06 today]

WED 15:30 BBC News Summary (w172zgg404cxhyc)
The latest two minute news summary from BBC World Service.

WED 15:32 World Business Report (w3ct60d3)
How has Lebanon's economy been impacted by the war?

Devina Gupta hears how the tourism and aviation industry in Lebanon has been impacted by the war
The first Nintendo museum opens its door in Japan
And the BBC's Gideon Long has been looking at who owns one of the most valuable shipwrecks in the world

WED 16:00 BBC News (w172zgf9kds78f3)
The latest five minute news bulletin from BBC World Service.

WED 16:06 BBC OS (w172zbj7qvvyxhg)
Reaction to Iran's missile attack on Israel

More details are emerging following last night's attack by Iran on Israel. Meanwhile, ground fighting is being reported inside southern Lebanon, a day after Israel announced it was invading. Our correspondent will take questions from listeners.

We hear from those impacted on the ground, as well as the Lebanese diaspora concerned about their loved ones.

In other stories, using vehicle horns on the streets of Bangladesh's capital Dhaka is set to be banned. Locals tell us what they make of the move.

Plus, more details from our reporter on the new assault allegations against Sean 'Diddy' Combs.

(Photo: Israel's Iron Dome anti-missile system intercepts rockets after Iran fired a salvo of ballistic missiles, as seen from Ashkelon, Israel. Credit: Reuters/Amir Cohen)

WED 17:00 BBC News (w172zgf9kds7d57)
The latest five minute news bulletin from BBC World Service.

WED 17:06 BBC OS (w172zbj7qvvyw17I)
Israel and Hezbollah fight on the ground

Ground fighting is being reported inside southern Lebanon, a day after Israel announced it was invading. Meanwhile, more details are emerging following last night's attack by Iran on Israel. Our correspondents in Washington and Israel bring us the latest.

We hear from those impacted on the ground, as well as the Lebanese diaspora concerned about their loved ones.

In other stories, at least 45 people have died and many others are missing after two migrant boats capsized off the coast of Djibouti. We hear from BBC Africa.

Plus, Russian troops have taken complete control of the eastern city of Vuhledar, which Ukrainian forces have been defending since the beginning of Moscow's full-scale invasion two and a half years ago. What might this mean for Ukraine's position?

(Photo: Israeli troops move next to the border with Lebanon.

Credit: ATEF SAFADI/EPA-EFE/REX/Shutterstock)

WED 18:00 BBC News (w172zgf9kds7hxc)

The latest five minute news bulletin from BBC World Service.

WED 18:06 Outlook (w3ct5pcy)

[Repeat of broadcast at 12:06 today]

WED 18:50 Witness History (w3ct5yq4)

[Repeat of broadcast at 08:50 today]

WED 19:00 BBC News (w172zgf9kds7mnh)

The latest five minute news bulletin from BBC World Service.

WED 19:06 The Newsroom (w172zbqhggr0v1t)

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

WED 19:30 BBC News Summary (w172zgg404cxzxw)

The latest two minute news summary from BBC World Service.

WED 19:32 Sport Today (w3ct5wbq)

2024/10/02 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 (w172zgf9kds7rdm)

The latest five minute news bulletin from BBC World Service.

WED 20:06 The Climate Question (w3ct5ws7)

[Repeat of broadcast at 14:06 on Sunday]

WED 20:30 BBC News Summary (w172zgg404cy3p0)

The latest two minute news summary from BBC World Service.

WED 20:32 Health Check (w3ct5t95)

Mpox widens its reach

As mpox continues to spread to new places, we find out how the vaccine rollout is going and what more needs to be done to help both contain and better understand the virus.

Also on the show; why the first medication approved to treat schizophrenia in decades has the world of psychiatry excited, and how finding out what doesn't work in health care can be just as useful as knowing what does. Plus, can laughter help treat dry eye disease?

Presenter: Claudia Hammond

Producer: Margaret Sessa-Hawkins and Katie Tomsett

WED 21:00 BBC News (w172zgf9kds7w4r)

The latest five minute news bulletin from BBC World Service.

WED 21:06 Newshour (w172zb930nb5qmq)

Israel-Iran tension escalates

President Biden has said the US does not support an attack by Israel on Iran's nuclear sites, while the UN secretary general has warned of the danger of a regional war across the Middle East. We speak to expert on why diplomacy is crucial at this stage.

Also in the programme: Biden visits Hurricane Helene-ravaged areas; and the discovery of an unknown species of moth.

(Image: Smoke rises following an Israeli military strike in southern Lebanon. Credit: STR/EPA-EFE/REX/Shutterstock)

WED 22:00 BBC News (w172zgf9kds7zww)

The latest five minute news bulletin from BBC World Service.

WED 22:06 HARDtalk (w3ct5t4n)

[Repeat of broadcast at 08:06 today]

WED 22:30 BBC News Summary (w172zgg404cyc58)

The latest two minute news summary from BBC World Service.

WED 22:32 World Of Secrets (w3ct793l)

[Repeat of broadcast at 04:32 today]

WED 23:00 BBC News (w172zgf9kds83n0)

The latest five minute news bulletin from BBC World Service.

WED 23:06 The Newsroom (w172zbqhggr1b1b)

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

WED 23:30 BBC News Summary (w172zgg404cygxd)

The latest two minute news summary from BBC World Service.

WED 23:32 World Business Report (w3ct60gc)

OpenAI value almost doubles to \$157bn

OpenAI's value surges to \$157bn in funding deal where the maker of ChatGPT raised \$6.6bn from a pool of investors that include Microsoft. We also hear from North Carolina, where damages caused by hurricane Helene could have serious implications for the tech-industry. And we take a look at the effect that the latest conflict in the Middle East is having on Israel's economy.

THURSDAY 03 OCTOBER 2024

THU 00:00 BBC News (w172zgf9kds87d4)

The latest five minute news bulletin from BBC World Service.

THU 00:06 The Forum (w3ct5n0d)

[Repeat of broadcast at 12:06 on Saturday]

THU 01:00 BBC News (w172zgf9kds8c48)

The latest five minute news bulletin from BBC World Service.

THU 01:06 Business Matters (w172zbfns03lm94)

OpenAI value almost doubles to \$157bn

OpenAI's value surges to \$157bn in funding deal where the maker of ChatGPT raised \$6.6bn from a pool of investors that include Microsoft. We also hear from North Carolina, where damages caused by hurricane Helene could have serious implications for the tech-industry. And we take a look at the effect that the latest conflict in the Middle East is having on Israel's economy.

Andrew Peach discusses these and more business stories with two guests on opposite sides of the world: Walter Todd, Chief Investment Officer at Greenwood Capital in California, and Stefanie Yuen Thio, Joint Managing Partner at TSMP Law in Singapore.

THU 02:00 BBC News (w172zgf9kds8gdw)

The latest five minute news bulletin from BBC World Service.

THU 02:06 The Newsroom (w172zbqhggr1p8q)

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

THU 02:30 BBC News Summary (w172zgg404cyv4s)

The latest two minute news summary from BBC World Service.

THU 02:32 The Documentary (w3ct78fx)

Saving a sinking city: Jakarta

Jakarta is facing all sorts of problems - deadly floods, land subsidence, extreme pollution, notorious traffic and overcrowding. Indonesia's outgoing president has come up with an extreme solution: moving the country's capital a thousand kilometres away, to the middle of the rainforest.

Will the new city be a futuristic utopia and a model for sustainable urbanisation - or an eye-wateringly expensive, ecologically disastrous ghost town? BBC Indonesia reporter Astudestra Ajengrastri travels to the island of Borneo to find out if the ambitious plans will live up to reality.

Presenter: Astudestra Ajengrastri

Producer: Olivia Humphreys

A Reduced Listening production for BBC World Service

(Photo: Workers dredging mud using heavy machinery from the riverbed that divides downtown Jakarta before the rainy season to avoid regular flooding, 30 September, 2021. Credit: Bay Ismoyo/AFP)

THU 03:00 BBC News (w172zgf9kds8lmj)

The latest five minute news bulletin from BBC World Service.

THU 03:06 Outlook (w3ct5pcy)

[Repeat of broadcast at 12:06 on Wednesday]

THU 03:50 Witness History (w3ct5yq4)

[Repeat of broadcast at 08:50 on Wednesday]

THU 04:00 BBC News (w172zgf9kds8qcn)

The latest five minute news bulletin from BBC World Service.

THU 04:06 The Newsroom (w172zbqhggr1xrz)

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

THU 04:30 BBC News Summary (w172zgg404cz2n1)

The latest two minute news summary from BBC World Service.

THU 04:32 The Food Chain (w3ct5xnc)

Can you taste a place?

Is it possible to taste a place? A listener wonders whether the French concept of "terroir" can apply to food and, if so, what the science behind it is.

Ruth Alexander goes in search of the answer, exploring how growing conditions and practices can develop flavours unique to a location.

She also hears about why the value you give to certain flavours might also be cultural.

Ruth speaks to a honey expert who is mapping the flavours of the sweet syrup across the world, a barley geneticist working with a high-end whisky brand and visits a vertical farm in Liverpool, UK, to see if foods grown in a closed environment still taste just as good.

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

Presenter: Ruth Alexander

Producer: Hannah Bewley

(Image: A barley field under a setting sun. Credit: Getty Images)

THU 05:00 BBC News (w172zgf9kds8v3s)

The latest five minute news bulletin from BBC World Service.

THU 05:06 Newsday (w172zbk6jt02yse)

Five dead in Israeli air strike on central Beirut

It comes after the IDF said eight soldiers had been killed in combat in southern Lebanon, its first losses since the start of ground operations against Hezbollah.

Evidence from scientists that beneficial fungus growth on plants can be boosted by sound.

(Pic: Damaged buildings following an overnight Israeli military strike, in the southern suburbs of Beirut; Credit: EPA-EFE/REX/Shutterstock)

THU 06:00 BBC News (w172zgf9kds8yvx)

The latest five minute news bulletin from BBC World Service.

THU 06:06 Newsday (w172zbk6jt032jh)

Central Beirut hit overnight by IDF

The attack in Central Beirut comes after the Israel Defence Forces (IDF) said eight soldiers had been killed in combat in southern Lebanon.

In Singapore for the first time a former minister has been sentenced to twelve months in prison for corruption and obstruction of justice.

(Pic: A building is damaged following an Israeli strike on central Beirut's Bachoura neighbourhood; Credit:Reuters)

THU 07:00 BBC News (w172zgf9kds92m1)

The latest five minute news bulletin from BBC World Service.

THU 07:06 Newsday (w172zbk6jt0368m)

Biden: 'Any attack on Iran's nuclear facilities is off limits'

Overnight Israeli air strikes on Beirut killed at least six people as Israel is poised to retaliate against Iran for Tuesday's volley of ballistic missiles.

A scientific breakthrough - scientists successfully map the brain of a fruit fly - a step closer into understanding the human mind.

(Pic: U.S. President Joe Biden speaks during a briefing; Credit: Reuters)

THU 08:00 BBC News (w172zgf9kds96c5)

The latest five minute news bulletin from BBC World Service.

THU 08:06 The Inquiry (w3ct5xhv)

Can Greece fix its overtourism problem?

In September Greek Tourism Minister Olga Kefalogianni announced the introduction of special fees for passengers disembarking from cruise ships at Mykonos, Santorini and some other ports. The fees are part of a broader strategy to manage the resurgence of mass tourism post-covid, reducing some of the negative impacts such as pressure on water supplies, waste management and overcrowding, while spreading the economic benefits more fairly across society.

Greece is not alone in considering how to alleviate the tensions arising when exceptional numbers of tourists arrive during peak holiday times. Venice has limited the size of tour groups, charging visitors a daily entry fee and the mayor of Barcelona has pledged to eliminate short-term tourist lets in the city within five years, to ease housing pressures.

With revenues from international tourism reaching USD 1.8 trillion last year according to the United Nations World Tourism Organisation, many governments and experts are thinking carefully about how to strike a balance between the economic boost, the tourist experience and the welfare of local communities. Can tourists be enticed away from those Instagram hot spots and what potential solutions could Greece employ to deal with overtourism?

Contributors

Katerina Kikilia, Head of Tourism Management, University of West Attica, Athens

Sandra Carvão, Director of Market Intelligence, Policies, and Competitiveness, UN World Travel Organisation

Kumi Kato, Professor in Tourism Studies, Wakayama University, Japan

Cevat Tosun, Eisenhower chair and professor of Tourism Studies and management at George Washington University School of Business

Presenter: Charmaine Cozier

Production: Diane Richardson and Matt Toulson

Broadcast Co-ordinator: Jacqui Johnson

Editor: Tara McDermott

Technical Producer: Toby James

(Image: Oia, Thira, Greece / Getty Images: Fernando Vazquez Miras)

THU 08:30 BBC News Summary (w172zgg404czkmk)

The latest two minute news summary from BBC World Service.

THU 08:32 Business Daily (w3ct5zch)

Shipwrecks: Who owns the sunken treasure?

There are more than three million vessels on the world's sea beds, and plenty of explorers looking for them.

But if they find something valuable, do they get to keep it?

We talk to an arbitration lawyer about the laws governing the sea, and hear from maritime archaeologists about the perils of rummaging around on the ocean floor, disturbing long-sunken wrecks that offer a priceless glimpse into history.

Some say we should leave these ships be, especially when they're graveyards. Others say we should bring them to the surface, put them in museums to educate people, make money from them and perhaps even sell off some of their treasure.

Produced and presented by Gideon Long

(Image: A diver looks at a shipwreck. Credit: Getty Images)

THU 08:50 Witness History (w3ct5ykm)

The speech that inspired the Law of the Sea

In November 1967, the Maltese diplomat, Arvid Pardo, addressed the United Nations with a remarkable speech that shaped the laws governing the sea.

Pardo's message is immortalised in the United Nations Convention on the Law of the Sea, which was adopted in 1982,

and is now the fundamental legislation governing difficult topics such as deep sea mining.

Artemis Irvine spoke to Christina Pardo Menez, Arvid Pardo's daughter, and his friend David Attard.

A Whistledown production for the BBC World Service.

Eye-witness accounts brought to life by archive. Witness History is for those fascinated by the past. We take you to the events that have shaped our world through the eyes of the people who were there. For nine minutes every day, we take you back in time and all over the world, to examine wars, coups, scientific discoveries, cultural moments and much more.

Recent episodes explore everything from football in Brazil, the history of the 'Indian Titanic' and the invention of air fryers, to Public Enemy's Fight The Power, subway art and the political crisis in Georgia. We look at the lives of some of the most famous leaders, artists, scientists and personalities in history, including: visionary architect Antoni Gaudi and the design of the Sagrada Família; Michael Jordan and his bespoke Nike trainers; Princess Diana at the Taj Mahal; and Görel Hanser, manager of legendary Swedish pop band Abba on the influence they've had on the music industry. You can learn all about fascinating and surprising stories, such as the time an Iraqi journalist hurled his shoes at the President of the United States in protest of America's occupation of Iraq; the creation of the Hollywood commercial that changed advertising forever; and the ascent of the first Aboriginal MP.

(Photo: Arvid Pardo. Credit: Elisabeth Mann Borgese fonds, Dalhousie University Archives)

THU 09:00 BBC News (w172zgf9kds9b39)

The latest five minute news bulletin from BBC World Service.

THU 09:06 The Newsroom (w172zbqhgr2jhm)

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

THU 09:30 BBC News Summary (w172zgg404czpcc)

The latest two minute news summary from BBC World Service.

THU 09:32 The Documentary (w3ct78fx)

[Repeat of broadcast at 02:32 today]

THU 10:00 BBC News (w172zgf9kds9fvf)

The latest five minute news bulletin from BBC World Service.

THU 10:06 The Explanation (w3ct6pm4)

The Media Show: Secrets of The Sidemen

As the Israeli offensive against targets in Lebanon continues, we discuss the challenge for journalists reporting the story with the BBC's Lyse Doucet and Shayan Sardarizadeh. Also on the show, one of the biggest flops in video game history as Sony pulls its new game Concord just days after launch. Keza MacDonald of The Guardian explains why it failed. And Jordan Schwarzenberger, the manager of the biggest YouTube creators in Europe, The Sidemen, reveals their creative process and business strategy.

Presenters: Katie Razzall and Ros Atkins

Content Editor: Richard Hooper

Assistant Producers: Martha Owen and Lucy Wai

THU 10:30 BBC News Summary (w172zgg404czt3t)

The latest two minute news summary from BBC World Service.

THU 10:32 The Coming Storm (w3ct7016)

The Coming Storm

To listen online, visit bbcworldservice.com/comingstorm

Gabriel Gatehouse dives back into the labyrinthine rabbit warren of American conspiracy theories to explore how millions of Americans have become convinced their democracy has been highjacked by a sinister Deep State cabal. Where did this story come from? And what are the prospects for the survival of the American political system?

THU 11:00 BBC News (w172zgf9kds9klk)

The latest five minute news bulletin from BBC World Service.

THU 11:06 The Newsroom (w172zbqhgr2rzw)

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

THU 11:30 BBC News Summary (w172zgg404czxvy)

The latest two minute news summary from BBC World Service.

THU 11:32 The Global Story (w3ct6tdtk)

Iran's strikes on Israel: Why now and what's next?

Following Iran's missile attack on Israel, Prime Minister Benjamin Netanyahu has vowed retaliation. President Biden is telling the Israeli leadership that any attack on Iran's nuclear facilities is off limits. So, how will Israel respond to the 180 missiles that Iran fired across its border? And what has the reaction been in Iran?

On this episode of the The Global Story, Azadeh Moshiri is joined by our Diplomatic correspondent Paul Adams and BBC Persian reporter Parham Ghobadi. They explore why Iran has chosen this moment to attack Israel and what Benjamin Netanyahu might do in response.

The Global Story brings you trusted insights from BBC journalists worldwide. We want your ideas, stories and experiences to help us understand and tell #TheGlobalStory. Email us at theglobalstory@bbc.com You can also message us or leave a voice note via WhatsApp on +44 330 123 9480.

Producers: Sergi Forcada Freixas and Eleanor Sly

Sound engineer: Hannah Montgomery

Assistant editor: Sergi Forcada Freixas

Senior news editor: Sara Wadeson

THU 12:00 BBC News (w172zgf9kds9pbp)

The latest five minute news bulletin from BBC World Service.

THU 12:06 Outlook (w3ct5nyd)

Finding joy in Persian food after fleeing my homeland

Atoosa Sepehr never spent any time in her mother's kitchen growing up in Iran. She focused on her studies and always knew she wanted a successful career. By her mid-twenties she was a high-flyer in the male-dominated steel industry. But at home she was stuck in an unhappy marriage. Overnight, she fled Iran to make a new life for herself in the United Kingdom. She turned to family recipes to stave off homesickness and found a new lease of life cooking the food from her home country.

Joseph Dhafana was living in South Africa as a Zimbabwean refugee and down on his luck when he discovered he had a rare talent for detecting aromas in wine. He went on to take the wine-tasting world by storm and took the first all-black team to the World Blind Wine Tasting Championships. This interview was first broadcast in August 2022.

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

(Photo: Atoosa Sepehr. Credit: Brian Kavanagh)

THU 12:50 Witness History (w3ct5ykm)

[Repeat of broadcast at 08:50 today]

THU 13:00 BBC News (w172zgf9kds9i2t)

The latest five minute news bulletin from BBC World Service.

THU 13:06 The Newsroom (w172zbqhgr30h4)

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

THU 13:30 BBC News Summary (w172zgg404d05c6)

The latest two minute news summary from BBC World Service.

THU 13:32 The Food Chain (w3ct5xmc)

[Repeat of broadcast at 04:32 today]

THU 14:00 BBC News (w172zgf9kds9xty)

The latest five minute news bulletin from BBC World Service.

THU 14:06 Newshour (w172zb930nb7s9x)

Israel orders civilians to leave southern Lebanon as invasion continues

The Israeli Defence Forces have struck targets in southern Lebanon and the capital, Beirut. Israel's armed forces also ordered the evacuation of more than 20 villages in the south.

Also on the programme: The UK agrees to surrender its control over the Chagos Islands, handing the archipelago to Mauritius; and the researchers sequencing the genomes of 100,000 new born to better understand genetic conditions.

(Photo: An Israeli Air Force air strike on a southern Lebanese village, as seen from northern Israel, 3 October 2024. Credit: Reuters/Jim Urquhart)

THU 15:00 BBC News (w172zgf9kdsb112)

The latest five minute news bulletin from BBC World Service.

THU 15:06 The Inquiry (w3ct5xhv)

[Repeat of broadcast at 08:06 today]

THU 15:30 BBC News Summary (w172zgg404d0dvg)

The latest two minute news summary from BBC World Service.

THU 15:32 World Business Report (w3ct6032)

Italy's government starts to reform migration rules

The government in Rome plans to offer an extra 10,000 worker visas, with a focus on care workers and other shortage occupations.

Also, stocks in Japan rallied after an intervention by the country's new prime minister.

And, how China's Pop Mart has gone from struggling toy seller to star performer.

THU 16:00 BBC News (w172zgf9kdsb5b6)

The latest five minute news bulletin from BBC World Service.

THU 16:06 BBC OS (w172zjb7qvvytdk)

Israel strikes central Beirut

Israeli has bombed central Beirut, the capital of Lebanon. This was the first Israeli airstrike to hit the heart of the capital in this conflict. Our correspondent in the city says that the feeling of safety is vanishing day by day in all parts of Beirut. We hear from people there and speak to our correspondent.

The speaker of the Georgian parliament has signed into law a bill restricting the rights of LGBT people. The legislation prohibits same-sex marriage, gender-affirming surgery, adoption of children by non-heterosexuals and the promotion of same-sex relationships in schools. We speak to people affected by the law.

We hear from our correspondent in South Africa who's following a trial causing outrage in the country, about two black women who were allegedly shot and fed to pigs by a white farmer and two of his workers.

Presenter: Luke Jones

(Photo: Debris lies on a road following an Israeli airstrike in Beirut's Bachoura neighborhood, Lebanon, 03 October 2024. Credit: Wael Hamzeh/EPA-EFE/REX/Shutterstock)

THU 17:00 BBC News (w172zgf9kdsb92b)

The latest five minute news bulletin from BBC World Service.

THU 17:06 BBC OS (w172zjb7qvvy4p)

Middle East crisis: Your questions answered

As the war between Israel and Hezbollah continues, our correspondents answer your questions about everything happening in the Middle East. We also speak to two business owners in Beirut about how their livelihoods have been affected by the war.

Six people have died after soldiers in Mexico opened fire on a vehicle carrying a group of 33 migrants who were travelling in the south of the country. According to the defence ministry's statement, the migrants came from Egypt, Nepal, Cuba, India and Pakistan. We speak to our correspondent there to hear more about the route these people take.

Britain's National Health Service has begun sequencing the entire genetic code of up to 100,000 newborn babies in England, as part of what it describes as "world-leading research". The aim of the study is to speed up the diagnosis and treatment of more than two-hundred rare diseases, including haemophilia and spinal muscular atrophy. Our health editor explains more.

Presenter: Luke Jones

Image: Smoke billows over Beirut, after overnight Israeli air strikes, as seen from Sin El Fil, Lebanon October 3, 2024.

Credit: Reuters/Joseph Campbell

THU 18:00 BBC News (w172zgf9kdsbdtg)

The latest five minute news bulletin from BBC World Service.

THU 18:06 Outlook (w3ct5nyd)

[Repeat of broadcast at 12:06 today]

THU 18:50 Witness History (w3ct5ykm)

[Repeat of broadcast at 08:50 today]

THU 19:00 BBC News (w172zgf9kdsbjkl)

The latest five minute news bulletin from BBC World Service.

THU 19:06 The Newsroom (w172zqbhggr3qyx)

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

THU 19:30 BBC News Summary (w172zgg404d0wtz)

The latest two minute news summary from BBC World Service.

THU 19:32 Sport Today (w3ct5w66)

2024/10/03 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 (w172zgf9kdsbn9q)

The latest five minute news bulletin from BBC World Service.

THU 20:06 The Documentary (w3ct78fx)

[Repeat of broadcast at 02:32 today]

THU 20:30 BBC News Summary (w172zgg404d1013)

The latest two minute news summary from BBC World Service.

THU 20:32 Science In Action (w3ct5vdc)

Excesses of rain

As we were putting the finishing touches to last week's Science in Action, the US National Weather Service was warning of Hurricane Helene's fast approach to the Florida coast – alerting people to 'un survivable' storm surges of up to 6 metres. But the category 4 storm powered, as forecast, far past the coast and into the rugged interior of Tennessee and the Carolinas. 150 billion tonnes of rainfall are estimated to have been dumped there, with devastating consequences for the towns and villages snuggled into the deep-cut valleys of the region. Bloomberg says the event could cost \$160 billion. Extreme warmth in the Gulf of Mexico helped fuel the hurricane, and within a few days Berkeley climatologist Michael Wehner had computed the fingerprint of climate change on the event.

The journal Nature published this week a study estimating the true number of casualties of hurricanes like Helene – not just those registered in the immediate aftermath, deaths caused by the instant trauma, but those in the months, even years, that follow, because of the disruption to lives and infrastructure. Rachel Young of Stanford University was herself surprised by the scale of harm her calculations revealed.

At least the dams held in North Carolina during Helene, although the sight of torrents of water gushing down the protective spillways at the peak was fearsome to see. A year ago, the two dams upstream of the Libyan port Derna both failed during Storm Daniel – ripping out the heart of the city and claiming at least 6000 lives. We reported what we could at the time here on Science in Action. But a World Bank study on the disaster reported back to an international dam conference in India this week a more detailed investigation – though the fractious politics of Libya put constraints on their work. Climate change was a massive part – normal monthly September rain in the area is 1.5 mm – but over 200 mm, maybe 400, fell on the hills behind Derna the night of the 10th. But it was the report of independent engineer Ahmed Chraibi that interested Science in Action – on the condition of the two dams, one just on the edge of the city, the other larger one 15 km upstream. He confirmed these had been built, in the 70s, for flood protection not to store water, but were in a shocking state long before last year's cataclysm.

You've not been paying attention here in the past 5 years if you haven't learned how clever our immune system is in recognising viruses that invade our bodies. Different arms of the system like antibodies and white blood cells can take on the viruses directly, or kill infected cells to stop the infection spreading further. But it's slow to respond to new infections, which is why our pharmacies also stock antivirals, small molecules which also lock onto components of viruses to stop them replicating. Too often though, they're not as effective as we'd like. Flu antivirals for example work only if you catch the infection very early. So

I was intrigued to read in the Proceedings of the National Academy this week of a new kind of drug that is like an antiviral, but gets the immune system to do the hard work. Imrul Shahria reckoned there are all kinds of antibodies and immune cells floating through our tissues not doing much, but that could be tricked into tackling flu infections – with a little molecular deception. He's effectively hacked the flu antiviral zanamivir which locks onto the neuraminidase protein – the N – of flu viruses, and given it immune superpowers.

Presenter: Roland Pease
Producer: Alex Mansfield
Production co-ordinator: Andrew Rhys Lewis

(Photo: Hurricane Helene causes massive flooding across swaths of western North Carolina. Credit: Melissa Sue Gerrits/Getty Images)

THU 21:00 BBC News (w172zgf9kdsbs1v)

The latest five minute news bulletin from BBC World Service.

THU 21:06 Newshour (w172zb930nb8mjt)

Israel continues to strike Beirut as tensions rise

More explosions tore through the Lebanese capital today as Israeli military says it hit Hezbollah targets in Beirut. Israel has also continued to warn people in southern Lebanon to leave their homes – including in the region of Nabatieh. It comes as the Israeli army says Hezbollah has fired 200 rockets into Israel today.

One of the most senior leaders of Hamas – which is designated a terrorist organisation by the UK and other governments – has told the BBC that the current crisis they provoked in the Middle East, which has led to the deaths of thousands of people in the past year, is justified. The Deputy leader of Hamas, Khalil al Haya, said the October 7th attacks, which killed 1200 people, mostly Israeli civilians, were necessary to place the issue of Palestinian statehood back on the global agenda. He insisted without it, the cycle of violence in the Middle East would not end.

Also in programme: we discuss the UK government's decision to give up sovereignty of the remote but strategic Chagos islands after 200 years of rule; and whether the hit US sitcom 'Cheers' is set for British remake 30 years on.

(Photo: Beirut Bachoura neighbourhood Credit: Louisa Gouliamaki for Reuters)

THU 22:00 BBC News (w172zgf9kdsbswz)

The latest five minute news bulletin from BBC World Service.

THU 22:06 The Inquiry (w3ct5xhv)

[Repeat of broadcast at 08:06 today]

THU 22:30 BBC News Summary (w172zgg404d182c)

The latest two minute news summary from BBC World Service.

THU 22:32 The Food Chain (w3ct5xnc)

[Repeat of broadcast at 04:32 today]

THU 23:00 BBC News (w172zgf9kdsbc0k3)

The latest five minute news bulletin from BBC World Service.

THU 23:06 The Newsroom (w172zqbhggr46yf)

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

THU 23:30 BBC News Summary (w172zgg404d1cth)

The latest two minute news summary from BBC World Service.

THU 23:32 World Business Report (w3ct605b)

Oil markets react to speculation about where Israel may strike Iran

Also, the Australian charity questioning whether the country famed for giving people a 'fair go' is sliding into wealth inequality.

And, the home of the beautiful game gets ready for regulated sports' betting.

FRIDAY 04 OCTOBER 2024

FRI 00:00 BBC News (w172zgf9kdsca97)

The latest five minute news bulletin from BBC World Service.

FRI 00:06 The Explanation (w3ct6pm4)

[Repeat of broadcast at 10:06 on Thursday]

FRI 00:30 BBC News Summary (w172zgg404d1hkm)

The latest two minute news summary from BBC World Service.

FRI 00:32 Unspun World with John Simpson (w3ct5yc0)

What will Iran's strategy be?

John Simpson, in discussion with the BBC's unparalleled range of experts across the world, analyses what Iran's strategy will be in the wake of Israel's assault on Hezbollah, looks at how the attack is being seen inside Israel and examines the disappearance of one of China's leading economists.

FRI 01:00 BBC News (w172zgf9kdsc81c)

The latest five minute news bulletin from BBC World Service.

FRI 01:06 Business Matters (w172zbfns03pj67)

US port strike suspended

Andrew Peach discusses these and more business stories from around the world with journalists Mehmal Sarfarz and Alison van Diggelen.

FRI 02:00 BBC News (w172zgf9kdscsh)

The latest five minute news bulletin from BBC World Service.

FRI 02:06 The Newsroom (w172zbqhggr415t)

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

FRI 02:30 BBC News Summary (w172zgg404d1r1w)

The latest two minute news summary from BBC World Service.

FRI 02:32 Tech Life (w3ct5wmr)

The big business of online charity donations

How does a company make profit in the charity fundraising space? We speak to Tim Cadogan, CEO of online fundraising platform GoFundMe.

We hear about the solar-powered boats being used by indigenous communities in the Amazon.

And, it is 30 years of the infamous Comic Sans font.

We love hearing from you. Get in touch by emailing techlife@bbc.co.uk or send us a Whatsapp on +44330 123 0320.

Presenter: Chris Vallance

Producer: Imran Rahman-Jones

Researcher: Laura Cress

Editor: Monica Soriano

(Photo: A computer keyboard with a "donate" button and a love heart icon. Credit: Getty Images)

FRI 03:00 BBC News (w172zgf9kdscshjm)

The latest five minute news bulletin from BBC World Service.

FRI 03:06 Outlook (w3ct5nyd)

[Repeat of broadcast at 12:06 on Thursday]

FRI 03:50 Witness History (w3ct5ykm)

[Repeat of broadcast at 08:50 on Thursday]

FRI 04:00 BBC News (w172zgf9kdscm8r)

The latest five minute news bulletin from BBC World Service.

FRI 04:06 The Newsroom (w172zbqhggr4tp2)

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

FRI 04:30 BBC News Summary (w172zgg404d1zk4)

The latest two minute news summary from BBC World Service.

FRI 04:32 Heart and Soul (w3ct5tfp)

Losing my wife gave me a vocation: Fr Adamski

Peter Adamski seemed to have it all. At nineteen, he had met Kathy, the love of his life and the woman he would marry. In his twenties, he landed a prestigious job with the pharmaceutical giant Johnson & Johnson, jetting around the world in first class for business meetings. He had a healthy baby

boy, John, his wealth soared into the millions, and he owned three houses. He was living the American dream.

Yet, something was amiss. The more he acquired, the more he craved. He recalls a night when Kathy entered his home office to tell him he was neglecting his family. Peter admits he had allowed money to become his God, dedicating his life to its pursuit. Though Kathy's words prompted him to spend more time with his family, his true priority remained climbing the corporate ladder.

Everything changed dramatically when he and Kathy received the devastating news from a doctor: "Kathy, you have early-onset Alzheimer's." They stepped outside, overwhelmed with tears, and embraced each other on the street. The future they had envisioned together was abruptly replaced by the prospect of a long, painful farewell.

After Kathy's passing, Peter felt as though he had lost all sense of meaning—until one night, he felt a profound call from God. At 65, he became a Catholic priest, and in this programme, he shares why he believes his life has never been more fulfilling.

Producer/presenter: Colm Flynn
Executive producer: Rajeev Gupta
Editor: Chloe Walker
Production co-ordinator: Mica Nepomuceno

FRI 05:00 BBC News (w172zgf9kdscrf0w)

The latest five minute news bulletin from BBC World Service.

FRI 05:06 Newsday (w172zbbk6jt05vpg)

Lebanese capital rocked by new wave of Israeli strikes

The UK returns the Chagos Islands to Mauritius. We will hear from the legal counsel to the Mauritian government.

We will speak to a Filipino Indigenous activist who has won a prestigious international award for her environmental work.

In the Democratic Republic of Congo, they are preparing for the rollout of an Mpox vaccine. We will speak to a senior health official.

We will head to Ghana to hear about protests over illegal mining.

We will also look ahead to Mozambique's elections.

And in business we will look at progress in talks to end the US port strike.

(Pic: Sin El Fil, Lebanon; Credit: Reuters)

FRI 06:00 BBC News (w172zgf9kdscvs0)

The latest five minute news bulletin from BBC World Service.

FRI 06:06 Newsday (w172zbbk6jt05zfl)

Massive blasts in Beirut after renewed Israeli air strikes

Israel carries out more massive strikes on the Lebanese capital. The latest in the conflict in the Middle East has seen Israeli air strikes near Beirut airport in Lebanon, and also in Tulkaram in the Occupied West Bank.

We look back at the 7th of October last year and the attack which triggered this latest round of violence between Israel and Palestinian armed group Hamas.

More than two hundred people have died as a consequence of Hurricane Helene in the United States. The storm swept across the south east of the country leaving devastations in its wake.

Britain agrees to hand over sovereignty of a small but strategic Indian Ocean island.

(Pic: Sin El Fil, Lebanon; Credit: Reuters)

FRI 07:00 BBC News (w172zgf9kdsczj4)

The latest five minute news bulletin from BBC World Service.

FRI 07:06 Newsday (w172zbbk6jt0635q)

Israel carries out more massive strikes on Beirut

As the Middle East violence continues to escalate, we hear from a Hamas leader about their position in the conflict. And we will speak to our International editor who did the interview, Jeremy Bowen. We also hear about the latest Israeli strikes on Beirut.

The remote Chagos Islands in the Indian Ocean will be transferred to Mauritius after Britain surrenders sovereignty.

France launches a new ocean going vessel designed to drift

amongst the Arctic Ice and study the effects of climate change. Its unusual design means it can survive year round conditions.

In business we keep an eye on rising oil prices as security tensions rise in the Arabian Gulf.

And in sport we have all the action from the Europa League, including a high pressure game for Manchester United.

We hear about plans to roll out Mpox vaccines in the Democratic Republic of Congo.

(Photo: Smoke rises following an explosion over Beirut's southern suburbs after a strike, as seen from Sin El Fil, Lebanon, 3 October, 2024. Credit: Amr Abdallah Dalsh/Reuters)

FRI 08:00 BBC News (w172zgf9kdscd388)

The latest five minute news bulletin from BBC World Service.

FRI 08:06 HARDtalk (w3ct5szl)

R. Derek Black: Renouncing white nationalism

Mishal Husain speaks to R. Derek Black, who was brought up in a family steeped in America's white nationalist ideology, with a father who was a Ku Klux Klan leader. Then came exposure to a different world, and Derek's journey to anti-racism. How did it come about, and what can we all learn from it?

FRI 08:30 BBC News Summary (w172zgg404d2gjn)

The latest two minute news summary from BBC World Service.

FRI 08:32 Business Daily (w3ct5z2g)

Shipwrecks: Business Daily meets a treasure hunter

Carl Allen is a multi-millionaire former businessman who ran a trash bag company in the US.

He's now the owner of an island in the Bahamas, a philanthropist and deep-sea treasure hunter, scouring the seabed for sunken Spanish galleons, slave ships and long-lost treasure.

He tells us about his relentless search for one Spanish galleon that's fired his imagination for the past 40 years. We discuss the ethics of treasure hunting and his belief that the best way to bring up relics from the bottom of the ocean is through PPPs - public-private partnerships.

Produced and presented by Gideon Long

(Image: Carl Allen on a boat with some treasure. Image credit: Brendan Chavez at Allen Exploration)

FRI 08:50 Witness History (w3ct5yf3)

The longest plane hijacking in Latin America

In 1973, two men pretending to be Colombian guerrillas took a plane and flew across Latin America for 60 hours. It was the longest hijacking of an aircraft in the region.

The SAM Airlines plane stopped in countries that included Aruba, Peru, and Paraguay, making its last landing in Argentina, where local authorities were surprised to see the hijackers had vanished.

Former flight attendant Edilma Perez was one of the employees who volunteered to relieve the original crew on the second day of the hijacking. She tells Stefania Gozzer why she made such a risky decision.

Eye-witness accounts brought to life by archive. Witness History is for those fascinated by the past. We take you to the events that have shaped our world through the eyes of the people who were there. For nine minutes every day, we take you back in time and all over the world, to examine wars, coups, scientific discoveries, cultural moments and much more.

Recent episodes explore everything from football in Brazil, the history of the 'Indian Titanic' and the invention of air fryers, to Public Enemy's Fight The Power, subway art and the political crisis in Georgia. We look at the lives of some of the most famous leaders, artists, scientists and personalities in history, including: visionary architect Antoni Gaudi and the design of the Sagrada Família; Michael Jordan and his bespoke Nike trainers; Princess Diana at the Taj Mahal; and Görel Hanser, manager of legendary Swedish pop band Abba on the influence they've had on the music industry. You can learn all about fascinating and surprising stories, such as the time an Iraqi journalist hurled his shoes at the President of the United States in protest of America's occupation of Iraq; the creation of the Hollywood commercial that changed advertising forever; and the ascent of the first Aboriginal MP.

(Photo: An air hostess carries food aboard the hijacked

Colombian SAM plane during a refuelling stop in Lima. Credit: AP)

FRI 09:00 BBC News (w172zgf9kdsd70d)

The latest five minute news bulletin from BBC World Service.

FRI 09:06 The Newsroom (w172zbqhgr5fdq)

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

FRI 09:30 BBC News Summary (w172zgg404d2l8s)

The latest two minute news summary from BBC World Service.

FRI 09:32 Science In Action (w3ct5vdc)

[Repeat of broadcast at 20:32 on Thursday]

FRI 10:00 BBC News (w172zgf9kdsdbrj)

The latest five minute news bulletin from BBC World Service.

FRI 10:06 Unexpected Elements (w3ct5q2d)

Science to make you smile

Did you know the iconic yellow smiley face was first designed in 1963? However, its creator, Harvey Ball, soon worried that the symbol had become over-commercialised. To counter this, he introduced World Smile Day in 1999, celebrated on the first Friday of October, as a way to encourage acts of kindness and spread smiles.

In the spirit of making you smile, the Unexpected Elements team has gathered science stories that bring them joy—each with a twist, of course.

Children across cultures have invented secret languages to confuse their parents—and there's science behind it. The human face can produce 19 different types of smiles. And let's not forget the Brazilian scientist who not only pioneered species classification but also became a key figure in the country's suffragette movement.

Meanwhile, Marnie Chesterton introduces us to the ever-cheerful Professor Andrea Sella from University College London, whose humour never fails to brighten her day. Together, they explore the role of humour in science and its importance in engaging both audiences and students.

Plus, we'll dive into the science of vocal fingerprints, meet a man who physically couldn't smile, and hear about a global update to cyber security regulations that just might make you grin.

Happy Friday!

Presenters: Marnie Chesterton with Andrada Fiscutean and Camilla Mota

Producers: Harrison Lewis with Jonathan Blackwell, Elizabeth Barsotti, and Anna Charalambou.

FRI 11:00 BBC News (w172zgf9kdsdghn)

The latest five minute news bulletin from BBC World Service.

FRI 11:06 The Newsroom (w172zbqhgr5nwz)

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

FRI 11:30 BBC News Summary (w172zgg404d2ts1)

The latest two minute news summary from BBC World Service.

FRI 11:32 The Global Story (w3ct6dwt)

Israel-Gaza Q&A: One year since October 7

It's almost a year since Hamas launched an attack inside Israel, triggering the start of the current war in Gaza.

Tens of thousands of Palestinians have died in Israel's bombing campaigns since Hamas's October 7 attack, and Israel's recent ground invasion of Lebanon has widened the conflict even further. The Middle East is once again on the brink of a deep and damaging, widespread conflict that will have an impact well beyond the region.

To mark one year on from the start of the current war, The Global Story host Katya Adler is joined by Jackie Leonard from the Global News Podcast. The BBC's security correspondent Frank Gardner and Middle East correspondent Yolande Knell answer some of the most-asked questions about what's really going on in the region and what might happen next.

The Global Story brings you trusted insights from BBC journalists worldwide. We want your ideas, stories and experiences to help us understand and tell #TheGlobalStory.

Email us at theglobalstory@bbc.com You can also message us or leave a voice note via WhatsApp on +44 330 123 9480.

Producers: Alice Aylett Roberts, Pete Ross, and Judy Frankl

Sound engineer: Jack Graysmark

Assistant editor: Sergi Forcada Freixas

Senior news editor: Sara Wadeson

FRI 12:00 BBC News (w172zgf9kdsdl7s)

The latest five minute news bulletin from BBC World Service.

FRI 12:06 Outlook (w3ct699b)

Outlook Mixtape: AI conversations and a 'Sandpit Monster'

When gaming enthusiast Joshua Barbeau met Jessica Pereira, he knew he had found his soulmate. But his happiness didn't last. Jessica died from a rare health condition aged just 23, leaving Joshua struggling to cope with his grief, and his life. Eight years later, in 2020, while playing around with a website that used AI to create bespoke chatbots, Joshua had an audacious idea. He decided to create a chatbot based on his beloved Jessica. It's an experience that he says helped him finally find closure.

Growing up in North Carolina, Ron Gollobin would often take himself off to the surrounding swamps on the hunt for frogs and other wild creatures. It was late one night in 1959, in an area known locally as the Sandpits, that Ron and his friend became spooked by a sound in the brush, which sent them running for their lives. Ron didn't see what had made the sound but soon began embellishing the story. Before he knew it, he'd invented 'the Sandpit creature', a local legend that spread further than he could ever have imagined.

Kai Hoss discovered in a school history lesson that leading Nazi, Rudolph Hoess, was his grandfather. He had been the commandant of the Auschwitz concentration camp, where he was in charge of organising the killing of more than a million people in gas chambers during the Second World War, the vast majority of them Jews. After the war Rudolf Hoess was tried for his crimes, and executed. Kai also discovered that his father, Hoess's son, had grown up in a nice house just outside the gates of Auschwitz, within sight of the crematorium. But Kai could never get his father to talk about it, and then they were estranged for decades.

Atoosa Sepehr never spent any time in her mother's kitchen growing up in Iran. She focused on her studies and by her mid-twenties she was a high-flyer in the male-dominated steel industry. But at home she was stuck in an unhappy marriage. Overnight, she fled Iran to make a new life for herself in the UK. She turned to family recipes to stave off homesickness and found a new lease of life cooking the food from her home country.

Presenter: India Rakusen

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

(Photo: Cassette tape; Credit: Getty Images)

FRI 12:50 Witness History (w3ct5yf3)

[Repeat of broadcast at 08:50 today]

FRI 13:00 BBC News (w172zgf9kdsdpzx)

The latest five minute news bulletin from BBC World Service.

FRI 13:06 The Newsroom (w172zbqhgr5xd7)

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

FRI 13:30 BBC News Summary (w172zgg404d3289)

The latest two minute news summary from BBC World Service.

FRI 13:32 Heart and Soul (w3ct5tfp)

[Repeat of broadcast at 04:32 today]

FRI 14:00 BBC News (w172zgf9kdsdtr1)

The latest five minute news bulletin from BBC World Service.

FRI 14:06 Newshour (w172zb930nbbp70)

Khamenei calls on allies for support against Israel

Leading Friday prayers in Tehran, Iran's Supreme Leader told a crowd of thousands that Iran's allies must 'fasten the seatbelt of resistance from Iran to Afghanistan'. Israel has continued to intensify its strikes against Hezbollah targets in Lebanon.

Also on the programme: we speak to the widow of the man who was killed during July's assassination attempt on Donald Trump; and Brazil is hit by its worst wildfires in two decades.

(Picture: Ayatollah Ali Khamenei speaking during the Friday prayer ceremony in Tehran, Iran, 04 October 2024 Credit: IRANIAN SUPREME LEADER OFFICE/HANDOUT/EPA-EFE/REX/Shutterstock)

FRI 15:00 BBC News (w172zgf9kdsdyh5)

The latest five minute news bulletin from BBC World Service.

FRI 15:06 HARDtalk (w3ct5szl)

[Repeat of broadcast at 08:06 today]

FRI 15:30 BBC News Summary (w172zgg404d39rk)

The latest two minute news summary from BBC World Service.

FRI 15:32 World Business Report (w3ct5zt1)

First broadcast 04/10/2024 14:32 GMT

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

FRI 16:00 BBC News (w172zgf9kdsf279)

The latest five minute news bulletin from BBC World Service.

FRI 16:06 BBC OS (w172zbj7qvw1q9n)

Live from Lebanon

Our correspondent Anna Foster broadcasts from Beirut, bringing stories of people from across Lebanon including those displaced by Israeli strikes.

Iran's Supreme Leader gave a rare sermon during Friday prayers in Tehran, defending his country's missile attack on Israel earlier this week. Our Persia correspondent joins the programme.

Hurricane Helene's death toll in the US south east has crossed more than 200, making it the deadliest since Hurricane Katrina in 2005.

We speak to our correspondent who's just been to North Carolina where flooding has killed dozens of people.

We hear from people who took part in the world's longest treasure hunt for the statuette of a golden owl.

Presenters: Anna Foster in Beirut and Krupa Padhy in London.

(Photo: People inspect the damage after Israeli strikes on the Mreijeh neighbourhood in Beirut, Lebanon, October 4, 2024. Credit: REUTERS/Ali Alloush)

FRI 17:00 BBC News (w172zgf9kdsf5zf)

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FRI 17:06 BBC OS (w172zbj7qvw1v1s)

Voices from Gaza

Three young women in Gaza have remained in contact with us over the past year. We hear about their lives in their own voices.

We speak to people whose relatives were taken hostage in the October 7th attack and get their thoughts on the expansion of the Middle East conflict.

Hurricane Helene in the US south east has now killed more than 200 people, making it the deadliest storm since Hurricane Katrina in 2005. We speak to our correspondent who has been in North Carolina where floods have devastated several towns and killed dozens of people.

The convictions of Erik and Lyle Menendez, who were jailed more than three decades ago for the murder of their parents in the US, are set to be reviewed. We speak to a US correspondent about the details.

In Australia a pop-up cookie shop has sparked outrage. Our reporter in Sydney explains why the snacks have caused such a stir.

Presenter: Krupa Padhy (Photo: Elham. Credit: Elham)

FRI 18:00 BBC News (w172zgf9kdsf9qk)

The latest five minute news bulletin from BBC World Service.

FRI 18:06 Outlook (w3ct699b)

[Repeat of broadcast at 12:06 today]

FRI 18:50 Witness History (w3ct5yf3)

[Repeat of broadcast at 08:50 today]

FRI 19:00 BBC News (w172zgf9kdsffgp)

The latest five minute news bulletin from BBC World Service.

FRI 19:06 The Newsroom (w172zbqhggr6mw0)

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

FRI 19:30 BBC News Summary (w172zgg404d3sr2)

The latest two minute news summary from BBC World Service.

FRI 19:32 Sport Today (w3ct5w1p)

2024/10/04 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 (w172zgf9kdsfk6t)

The latest five minute news bulletin from BBC World Service.

FRI 20:06 BBC OS Conversations (w3ct5rc5)

My year in Gaza

On October 7th 2023, Hamas gunmen attacked Israel, killing 1,200 people and taking 250 more hostage. Israel responded with airstrikes and by sending troops into Gaza. The aim was to destroy Hamas's military and governing capabilities and to secure the release of the hostages.

The impact in Gaza has been devastating. Thousands of people have been killed. The United Nations estimates that around 90% of Palestinians have had to leave their homes and are now living in temporary accommodation.

This is the first of two documentaries looking at life one year on from both sides of the conflict. We begin with the stories and words of three Palestinian women, whose lives we have been tracking through voice messages.

One of the challenges in covering this war has been access: Israel does not allow the BBC – or other international media – to report independently from inside the territory.

Elham is 27 years old. She was working in a science lab before the attack.

Sanabel is 17 and was a high school student dreaming of becoming an English translator. Her home has been destroyed and her grandma died after an Israeli attack. She has also lost her aunt, uncle, cousins and friends during the war.

Batool is 19 and a poet who was studying English Literature at the Islamic University in Gaza.

"I hate living in a refugee camp," says Batool. "There's no privacy. A lot of fights from nothing. You just sit alone trying to avoid problems and then the fight comes to you."

A Boffin Media production in partnership with BBC producer Kristina Volk and the BBC OS team.

(Photo: Elham. Credit: Elham)

FRI 20:30 BBC News Summary (w172zgg404d3xh6)

The latest two minute news summary from BBC World Service.

FRI 20:32 CrowdScience (w3ct5rhp)

Why don't sunflowers fall over?

With huge heads on top of spindly stalks, how do sunflowers defy gravity to stay standing? That was a question sent to CrowdScience by listener Frank, whose curiosity was piqued by the towering sunflowers on his neighbour's deck. They stay up not only when the weather is fine, but, even more impressively, during strong winds. Could this feat of strength, flexibility and balance inspire the construction of tall buildings?

It's a question that takes presenter Anand Jagatia to a sunflower festival in England, to see how the sunflower's long evolutionary lineage has honed its structure. And from tall flowers to tall buildings, we turn to structural engineers, asking how these concepts factor into the design of the world's tallest skyscrapers. Can ideas drawn from sunflowers or other natural structures help buildings withstand wind, or even storm surges?

Contributors:

Stuart Beare, partner and grower at Tulleys Farm
Roland Ennos, Visiting Professor in Biological Studies, University of Hull
Sigrid Adriaenssen, Professor of Civil and Environmental Engineering, Princeton University
Koichi Takada, founder of Koichi Takada Architects

Presenter: Anand Jagatia
Producer: Tom Bonnett
Editor: Cathy Edwards
Production Co-ordinator: Ishmael Soriano
Studio Manager: Bob Nettles

(Image: Tall Sunflower blooming in a field, Melbourne, Victoria, Australia Credit: Naomi Rahim via Getty Images)

FRI 21:00 BBC News (w172zgf9kdsfnny)

The latest five minute news bulletin from BBC World Service.

FRI 21:06 Newshour (w172zb930nbcjfx)

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

FRI 22:00 BBC News (w172zgf9kdsfsq2)

The latest five minute news bulletin from BBC World Service.

FRI 22:06 HARDtalk (w3ct5szl)

[Repeat of broadcast at 08:06 today]

FRI 22:30 BBC News Summary (w172zgg404d44zg)

The latest two minute news summary from BBC World Service.

FRI 22:32 Heart and Soul (w3ct5tfp)

[Repeat of broadcast at 04:32 today]

FRI 23:00 BBC News (w172zgf9kdsfxg6)

The latest five minute news bulletin from BBC World Service.

FRI 23:06 The Newsroom (w172zbqhggr73vj)

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

FRI 23:30 BBC News Summary (w172zgg404d48ql)

The latest two minute news summary from BBC World Service.

FRI 23:32 World Business Report (w3ct5zw9)

First broadcast 04/10/2024 21:32 GMT

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