



WSKG-DT4 August 2017 expanded listings

1 Tuesday

8pm America Reframed

Divide In Concord

The year was 1775 in Concord, Massachusetts when colonists fired the infamous 'shot heard round the world' that began the American Revolution. One hundred years later, the work of local resident Henry David Thoreau began the environmental movement. And now, the spirit of revolution has returned to town. Jean Hill, a fiery 84-year-old widow and mother of four, wants to ban the sale of bottled water from Concord. Her path begins when her grandson tells her about the disastrous environmental effects of the empty plastic bottles Jean presents a bylaw to ban the sale of single-serve plastic bottles at the 2010 and 2011 Town Meetings. After losing by seven votes in 2011, she vows to continue the crusade with neighbor and Harvard Law Grad, Jill Appel. If enacted, the law would be the first of its kind in the world. But all are not in agreement with the ban. Merchants are wary of the bylaw. Philanthropist, mother, model and celebrity publicist Adriana Cohen takes the fight to the spotlight, calling the ban an attack on freedom. With billions of dollars at stake, The International Bottled Water Association sends in the cavalry. The town is abuzz as

Patriot's Day celebrations begin. War re-enactors take the field, cannons fire at dawn, and the parades commence. April's Town Meeting provides the stage for Concord's latest battle. From the town that began America and Environmentalism, springs a new Revolution.

9:30pm Far Afield: A

Conservation Love Story

FAR AFIELD: A CONSERVATION LOVE STORY is a documentary about conservation icon and author Bert Raynes. It's also a three-part love story involving Bert and his wife Meg, their love for Jackson Hole, Wyo., and their love for the environment. With a keen intellect, sharp wit and a twinkle in his eye, Bert has been inspiring the people of Jackson Hole to observe and care about their wild neighbors for more than 40 years. Introduced to the outdoors by his wife Meg in their 20s, the urban dweller became active in a variety of environmental causes over the course of his marriage. In 1972, the couple retired to Jackson Hole and in 1976, Bert founded the Jackson Hole Bird Club and soon after began writing a weekly wildlife column for the Jackson Hole News. The couple also performed boots-on-the-ground restoration of habitats in Jackson Hole, which eventually led to the creation of the Meg and Bert Raynes Wildlife Fund. The documentary also introduces several of the programs and projects Bert has helped moved forward - from nature mapping training for civilians to studying the Curlew bird. Young, old and ages in-between flock to this 91-year-old to discover how to become better stewards of the natural world. FAR AFIELD shares Bert's vision for how citizen scientists can play a meaningful role, working in tandem with

experts in caring for the wild places loved by all.

10pm PBS NewsHour

11pm Nightly Business Report

11:30pm Global 3000

Fatal Treatments of Medication

Many thousands of people die every year after taking fake medication. Global 3000 highlights one particularly tragic case in Mexico. Also, Chinese tourists take Greece's islands by storm.

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2 Wednesday

8pm POV

Memories of a Penitent Heart

Follow filmmaker Cecilia Aldarondo's investigation-both a love story and a tribute-of a buried conflict around her uncle Miguel's death during a time when AIDS was synonymous with sin.

9pm Frontline

The Vaccine War

Join an investigation into the science and politics of vaccine safety. Despite a scientific consensus that there is no link between vaccines and disorders like autism, the war over whether to immunize children continues.

10pm PBS NewsHour

11pm Nightly Business Report

11:30pm Focus On Europe

Russian Hackers Target German Elections

Intelligence agencies warn that Russian cyber attacks will aim to influence Germany's upcoming parliamentary elections. A Slovakian pensioner names and shames right-wing extremists active on Facebook in his blog.

12am Particle Fever

Follow six brilliant scientists for the launch of the Large Hadron Collider, built to recreate the conditions of the Big Bang and search for the Higgs boson, marking the start of the biggest and most expensive experiment in the history of the planet.

3 Thursday

8pm Ireland's Wild Coast

Join Emmy-winning wildlife cameraman Colin Stafford-Johnson on an authored journey along

Ireland's rugged Atlantic coast, providing insights into the wild animals and wild places of the island he calls home.

10pm PBS NewsHour

11pm Nightly Business Report

11:30pm Scully/The World Show

12am Nova

Secrets of the Sky Tombs

A team of daring scientists reveals ancient secrets of the first people to settle the forbidding Himalayas. Join them as they climb into mountain tombs that preserve evidence of strange rituals designed to ward off the restless spirits of the dead.

4 Friday

8pm Boys of '36: American Experience

Explore the thrilling story of the American rowing team that triumphed at the 1936 Olympics in Nazi Germany. Inspired by #1 best-seller *The Boys in the Boat*, the film follows the underdog team that took the nation by storm when they captured gold.

9pm Jim Thorpe: World's Greatest Athlete

JIM THORPE: THE WORLD'S GREATEST ATHLETE chronicles the sports superstar's remarkable life (1887-1953) - from his boyhood in Oklahoma and his gold-medal wins at the 1912 Summer Olympics to his subsequent fall from grace and later, his advocacy of American Indian rights and self-sufficiency. The one-hour biography recounts these events, and others, through in-depth interviews with Thorpe's surviving children, dramatic recreations, and archival stills and film.

10pm PBS NewsHour

11pm Nightly Business Report

11:30pm Asia Insight

12am Munich '72 and Beyond

An act of terrorism shocks the world: Palestinian extremists

invade the Summer Olympics and murder 11 Israeli athletes. With chilling detail, this new documentary investigates the Munich massacre, its aftermath and its relevance. It reveals alarming new evidence and never-before-seen photographs, and captures a poignant 43-year struggle for public remembrance. Even before its release, this film has attracted attention in *The New York Times*, NPR and around the world, as nations prepare for the upcoming Summer Olympics in Rio.

5 Saturday

8pm Earth A New Wild

Home/Plains

Travel deep into the wild to take a fresh look at humankind's relationship to the big animals that live alongside us. From cuddling baby pandas to avoiding man-eating tigers, Dr. M. Sanjayan investigates our changing relationships with the wilderness. The severe peril of extraordinary animals and their habitats is ever-present, but Sanjayan focuses on the powerful stories that prove animals and humans can thrive side by side. It's a new kind of wild, but one on which we all depend.

9pm Earth A New Wild

Plains

Explore the giant herds that roam the wild grasslands of the plains. Home to the greatest gathering of animal life on the planet, they are also increasingly our bread basket - and among the most endangered places on Earth. Dr. Sanjayan follows a unique elephant conservation project in South Africa and tracks the prairies to see how Americans are saving their most-endangered mammal. His journey uncovers a vital new understanding about how both humans and predators can help the animals found on the plains.

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animals and their habitats is ever-present, but Sanjayan focuses on the powerful stories that prove animals and humans can thrive side by side. It's a new kind of wild, but one on which we all depend.

6 Sunday

8pm Rare - Creatures of the Photo Ark

Journey with Joel Sartore in Spain, where he photographs the alluring Iberian lynx, and to China to film the Yangtze giant softshell turtle. In Cameroon, he hopes to glimpse the amazing Cross River gorilla, the rarest in the world.

9pm Rare - Creatures of the Photo Ark

Travel with photographer Joel Sartore as he adds vibrant insects to his Photo Ark collection and searches for larger animals in Budapest and Prague. He also tags along on a Rowi kiwi egg rescue in New Zealand.

10pm Bomb

See how America developed the most destructive invention in human history - the nuclear bomb - how it changed the world and how it continues to loom large in our lives. Hear from historians and those who experienced the dawn of the atomic age.

12am Rare - Creatures of the Photo Ark

Join Joel Sartore as he travels to Madagascar and the Florida Keys on his mission to photograph beautiful and endangered animals for the Photo Ark. In Florida, he checks in on the key deer, a species that he first saw 20 years ago.

7 Monday

8pm The Brain with David Eagleman

What Makes Me?

Explore how we are our brains, how our personality, emotions and

memories are encoded as neural activity. The process of becoming continues through our lives. We change our brains and our brains change us.

9pm Life on the Line

San Bernardino Strong

Julie never thought she would be where she is now: healing from two gunshot wounds when her co-worker and his wife opened fire at an employee meeting in one of the deadliest terrorist attacks. In the midst of this tragedy, hope lives on. You see it in the eyes of Julie who is set on sharing her hope with others. You witness it in the heroic efforts of first responders helping those injured. And you feel it in a bond the community formed like never before.

9:30pm On Story

Trail Stories: The Making of Lonesome Dove

Producer Suzanne de Passe, screenwriter Bill Wittliff, and crew share stories about the making of *Lonesome Dove*, the movie adapted from the NYT bestselling novel by Larry McMurtry. From Tommy Lee Jones doing his own stunts to cattle stampedes, cowboy hats with personality to confounding Hollywood executives, this episode is full of entertaining stories about the made-for-TV movie that almost didn't happen.

10pm PBS NewsHour

11pm Nightly Business Report

11:30pm To The Contrary with

Bonnie Erbe

12am The Brain with David

Eagleman

What Is Reality?

Dr. David Eagleman takes viewers on an extraordinary journey, exploring how the brain, locked in silence and darkness without direct access to the world, conjures the rich and beautiful world we all take for granted.

8 Tuesday

8pm America Reframed

By The River of Babylon

An Elegy for South Louisiana looks at the disappearing culture and environment in Southwest Louisiana: its marshlands and man's calamitous engineering mistakes, and the unique habitat that gave rise to the Cajun and Creole, music, culture and people left in its wake. With compelling footage and expert commentary from Bob Marshall, a local Pulitzer prize-winning journalist, among others, the film documents the facades and interiors of a good number of famed but decaying dance halls. Riveting performances by leading Zydeco proponents such as Clifton Chenier and Beau Jocque are juxtaposed by thorough and thoughtful explanations such as the rapacious dredging of the Mississippi River Gulf Outlet through wetlands to give oil tankers direct access to the Gulf of Mexico. Louisiana, a major source of energy for the nation, is being destroyed bit by bit and the region's eco-system and marshland continues to be damaged by flooding due to both storms and river reconstruction. Like the famed music of the region, the documentary is both a love letter and a lament over the destruction of the region and by association, the decline of its culture and way of life.

9:30pm Reel South

Tells the story of Isle de Jean Charles, Louisiana and the Native American community fighting to save its culture as its land washes away. A Film by Rebecca Ferris.

10pm PBS NewsHour

11pm Nightly Business Report

11:30pm Global 3000

USA: Hunting for Illegal Aliens

The fate of migrants from Mexico

and Senegal, and the rift in British society, which has come to light in London.

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9 Wednesday

8:30pm POV

Iris

Meet Iris Apfel, the quick-witted, flamboyantly dressed 93-year-old style maven who's had an outsized presence on the New York fashion scene for decades. Albert Maysles' film shows a woman with an

inspirational enthusiasm for fashion, art and people.

10pm PBS NewsHour

11pm Nightly Business Report

11:30pm Focus On Europe

Lithuania: Fencing In Russia's Kaliningrad

A legacy of the Bosnian War, hundreds of thousands of mines left in the soil of Bosnia-Herzegovina. Lithuania is securing its border to Russia's Kaliningrad exclave with a two-meter-high fence.

12am Powder & The Glory

"The Powder & the Glory" tells a story of women's entrepreneurship through the lens of the creation and development of the rival business empires of Elizabeth Arden and Helena Rubinstein. When they first opened their shops 100 years ago, cosmetics were worn primarily by prostitutes and performers, and businesses were run mostly by men. These two indomitable immigrants changed all that and transformed the way we look at ourselves. Starting from nothing in one of the few fields open to them, these creative women pioneered what is today the \$150 billion global health and beauty industry. At the same time, they were feisty rivals. Although they lived and worked only blocks apart in New York for over 50 years, by design they never met. Whenever one launched a successful product, the other sought to outdo her rival with a bigger success, and as soon as possible. Their competing companies defined the business of beauty, making cosmetics both newly respectable and, finally, indispensable. Along the way they developed many advertising and marketing techniques that became part of the business landscape, and they themselves became household names and cultural icons. Their influence extended

beyond the realm of cleansing creams and face powders to encompass trends in art, architecture and popular culture.

10 Thursday

8pm Secrets of the Dead

Resurrecting Richard III

Richard III is considered the most evil king to have ruled England and a fearsome warrior, despite extreme curvature of his spine. Follow scientists testing his bones, unearthed in 2011, to find out more about this maligned king.

9pm Secrets of the Dead

Van Gogh's Ear

The night when Vincent van Gogh cut his own ear defines his turbulent life and art. Generations have theorized about what really happened on December 23, 1888, in the French town of Arles, but no one has been clear on the details- until now.

10pm PBS NewsHour

11pm Nightly Business Report

11:30pm Scully/The World Show

12am Nova

Inside Einstein's Mind

Retrace Einstein's thought experiments as NOVA reveals the simple but powerful ideas that reshaped our understanding of gravity, illuminating the theory of general relativity- and Einstein's brilliance- as never before.

11 Friday

8pm How We Got to Now with Steven Johnson

Time

The world today is obsessed by time. Johnson boards a submarine to discover what a lack of natural light means for a sailor's working day and visits Heathrow, the world's busiest airport, to try to get timings right at air traffic control. The story of getting a grip on time is full of curious garage tinkerers. One of them, railway clerk William

F. Allen, was so exasperated by the chaos caused by the 8,000 local time zones in the U.S. that he fought tirelessly to standardize time into four zones. Learn how advancements in navigation, the way we work, technology and travel would have been impossible without the unsung heroes of time.

9pm The Mystery of Matter: Search for the Elements

Out of Thin Air (1754-1806)

See how the discovery of oxygen by one of science's great odd couples- Joseph Priestley and Antoine Lavoisier- triggers a worldwide search for new elements. Soon caught up in the hunt is chemist Humphry Davy, whose showmanship dazzles London audiences.

10pm PBS NewsHour

11pm Nightly Business Report

11:30pm Asia Insight

12am How We Got to Now with Steven Johnson

Clean/Time

Dirty water has killed more humans than all the wars of history combined, but in the last 150 years, a series of radical ideas, extraordinary innovations and unsung heroes have changed our world. Johnson plunges into a sewer to understand what made a maverick engineer decide to lift the city of Chicago with screw jacks in order to build America's first sewer system. He talks about John Leal, who deliberately "poisoned" the water supply of 200,000 people when, without authorization, he added chlorine, considered lethal in 1908, into Jersey City's water and made it safe to drink. This isn't only about the world becoming a cleaner place - the iPhone, the subway, flat screen TVs and even the bikini are the result of the valiant efforts of the unsung heroes of clean.

12 Saturday

8pm Earth A New Wild

Forests

Journey deep into the great forests of Earth for a new way of looking at these wild places and the animals that live there. Sanjayan travels into an uncharted area of the Amazon that scientists believe is the most bio-diverse place on Earth. From there he follows unique animal behavior in Alaska's Great Bear Rainforest and then meets the farmers in Portugal's cork forests. Frightening elephant battles are exploding on the edge of the forest in Sumatra; in the Amazon, ancient remains are helping change our perception of how to value the world's great forests.

9pm Earth A New Wild

Oceans

Join host M. Sanjayan as he draws on his own experiences to reveal a vibrant community of scientists, engineers and fishermen who are providing solutions to help restore the oceans. Though aware of the threat to our oceans, he's nonetheless hopeful.

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13 Sunday

8pm India - Nature's Wonderland

Join a journey through India to discover its rich culture and rare wildlife. Experience a ritual tiger dance and see lions, elephants and India's only ape -- the hoolock gibbon. Then climb to the Himalayas where the Ganges River

begins.

9pm Earth's Natural Wonders

Extreme Wonders

Visit extreme locales, including Mount Everest's Khumbu Icefall and its dangers to sherpas, the Grand Canyon, where conservationists try to ensure a condor chick's survival, and the slopes of Mount Kilimanjaro, where farmers battle with elephants.

10pm Earth's Natural Wonders

Wonders of Water

See wonders created by the grand and unpredictable power of water, including Victoria Falls, where men risk death to reach fishing pools; the Camargue, where man vs. bull; and ocean reefs, where a guardian seeks a manta ray to help save the species.

11pm Earth's Natural Wonders

Living Wonders

Witness wonders created by the force that makes our planet unique-life itself. In the Amazon, boys face fierce animals in a rite of passage and a Bangladeshi father and son brave killer bees and man-eating tigers to find honey.

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14 Monday

8pm The Brain with David Eagleman

How Do I Decide?

Learn how the brain navigates the tens of thousands of conscious decisions we make every day and the many more unconscious decisions we make about everything from whom we find attractive to what we perceive.

9pm Life on the Line

Ebola Warriors

This is the dramatic story of two hospitals: one fighting to keep the Ebola virus inside, and the other to keep it out. Follow Dr. Gillian Seton, a physician at Cooper SDA Hospital in Liberia, who is fighting to keep the epidemic out of her hospital in order to keep its doors open to patients who don't have the deadly virus. A few hours away in Sierra Leone, meet James, a local healthcare worker who is risking his life to treat Ebola patients in the Red Zone at Waterloo SDA Hospital. And watch how one of his patients is trying to obtain community acceptance as an Ebola survivor.

9:30pm On Story

From the Golden Age to the Platinum Age: A Conversation with Ed Begley Jr.

With hundreds of film and television credits to his name, including *Better Call Saul*, *A Mighty Wind*, and *Six Feet Under*, second generation actor Ed Begley Jr. talks about what he looks for when choosing new projects, finding the pain in a character, and working with Christopher Guest and other comedy legends.

10pm PBS NewsHour

11pm Nightly Business Report

11:30pm To The Contrary with

Bonnie Erbe

12am The Brain with David

Eagleman

Who Is In Control?

Dr. Eagleman explores the unconscious brain and reveals that everything from our movements, to our decisions, to our behavior is largely controlled and orchestrated by an invisible world of unconscious neural activity.

15 Tuesday

8pm America Reframed

Kivalina

At the edge of the world, the Inupiaq people are fighting for survival. *Kivalina* documents life on this namesake island that teeters on the edge of the North Pacific. Once a nomadic people, the Inupiaq were relocated to Kivalina, Alaska, by the US government more than a century ago. Today, the community struggles to maintain itself in the face of forces largely beyond its control. Climate change threatens to drown the village under rising ocean levels. The neglect of a government thousands of miles away delays repairs to the crumbling sea wall that routinely fails to protect the island from the flooding caused by ever more frequent storms. And, as the melting ice opens up the north to resource extraction and tanker traffic, an oil spill would wipe out the whales and with it the community. The everyday lives of the Inupiaq people carry on under the weight of these impending disasters. Director Gina Abatemarco and her crew document traditional hunting and food preparation, coexisting with the frustrations of teenage boredom and bureaucratic intransigence. *Kivalina* shows the consequences of colonialism, economic exploitation, and bureaucratic neglect for this community while foregrounding the voices of the people themselves. Intimate and unflinching, the film shows the cultural as well as the environmental consequences of climate change.

9:30pm Reel South

Red Wolf Revival

By Rosh Patel and Madison McClintock. Three decades ago, the nearly-extinct red wolf was reintroduced in North Carolina. While this flagship conservation effort paved the way for

reintroducing several other species across the country, today fewer than 100 wild red wolves remain - and their fate hinges on significant biological, political, cultural and economic challenges.

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16 Wednesday

9pm Frontline

Terror In Little Saigon

Searching for the assassins behind a reign of terror that targeted Vietnamese-American journalists. FRONTLINE and ProPublica investigate a series of unsolved murders and attacks, uncovering a trail from American cities to jungles in Southeast Asia.

10pm PBS NewsHour

11pm Nightly Business Report

11:30pm Focus On Europe

12am Reel South

Counter Histories: Rock Hill

In 1961 nine college men decided they were ready to go to jail to fight segregation laws and inequality in Rock Hill, SC. Their sit-in at the local whites-only lunch counter changed the course of the civil rights movement by introducing a new strategy. COUNTER HISTORIES: ROCK HILL explores the story of the 'Friendship 9', and the human capacity to find courage, take action, and inspire change. A film by Ellen Barnard and Fr3deR1ck Taylor.

12:30am POV

Two Towns of Jasper

After the brutal murder of African-American James Byrd, Jr. by three white supremacists in Jasper, Texas, friends Whitney Dow, who is white, and Marco Williams, who is black, made a film about their town.

17 Thursday

8pm Secrets of the Dead

The Real Trojan Horse

Discover new archeological evidence that suggests Troy and the Trojan War may be more than myth. If the legendary siege did happen, was there really a wooden horse that brought enemy soldiers

inside the fortified city?

9pm City in the Sky

Departure

Learn what it takes to get a million people off the ground-from building the world's biggest passenger plane to controlling the flow of passengers through the busiest airport on the planet to the perils of takeoff in the coldest city on Earth.

10pm PBS NewsHour

11pm Nightly Business Report

11:30pm Scully/The World Show

12am Nova

Emperor's Ghost Army

Emperor Qin Shi Huang of China was buried in a mausoleum with around 9,000 terracotta statues. Investigate how and why the life-sized figures were made and the technology behind the crossbows, spears and swords carried by the clay warriors.

18 Friday

8pm How We Got to Now with Steven Johnson

Light

Johnson relates the story of people who take us out of the dark and into the light. Hear about Edison's light bulb, which he didn't actually invent, and learn how an 18th-century ship's skipper discovered a source of illumination by putting a kid inside a whale's head. See how a French scientist accidentally discovered how to create neon light, leading to a revolution in advertising. Dispelling the myth of the individual "eureka" moment, Johnson reveals that teamwork and collaboration led the way to the most transformative ideas. Whether changing our genetic make-up, altering the world's sleeping patterns, transforming architecture, taking us into space or triggering one of the great social reforms in American history, the pioneers of light have made themselves indispensable throughout human

history.

9pm The Mystery of Matter: Search for the Elements

Unruly Elements (1859-1902)

Dmitri Mendeleev invents the Periodic Table, bringing order to the elements. This order is shattered when Marie Curie discovers radioactivity, revealing that elements can change identities-and atoms contain undiscovered parts.

10pm PBS NewsHour

11pm Nightly Business Report

11:30pm Asia Insight

12am How We Got to Now with Steven Johnson

Glass

Johnson considers how the invention of the mirror gave rise to the Renaissance, how glass lenses allow us to reveal worlds within worlds and how, deep beneath the ocean, glass is essential to communication. He learns about the daring exploits of glassmakers who were forced to work under threat of the death penalty, a physics teacher who liked to fire molten glass from a crossbow and a scientist whose tinkering with a glass lens allowed 600 million people to see a man set foot on the moon. The link between the worlds of art, science, astronomy, disease prevention and global communication starts with the little-known maverick innovators of glass.

19 Saturday

8pm Earth A New Wild

Water

Sanjayan explores humankind's relationship with the Earth's most important resource: water. Unraveling dramatic connections between fresh water and the health of the planet, he uncovers spectacular wildlife stories that center on managing the natural pulse of the planet's water. The

episode includes a kayak journey that follows the Colorado River to the sea; the elephants and people at the singing wells of Kenya; the surprising connection between AIDS and a small fish in Lake Malawi; and a look at how hunters in America saved one of the greatest gatherings of birds on the continent.

9pm Operation Maneater

Crocodile

Mark Evans travels to Namibia's Chobe River, a place that's known as the croc attack capital of the world. Crocodiles here are growing in size and number, and so is the frequency of attacks. Each time it happens, the locals kill crocs in retaliation. To find a way to keep both people and crocodiles safe, Mark joins leading croc experts Rom Whitaker and Dr Patrick Aust to carry out a radical new experiment. The idea is to train crocs to associate the sound of a bell with an electric shock. Mark meets attack victims, puts the croc training experiment to the test and is himself injured when a croc turns on him.

10pm America Reframed

Kivalina

At the edge of the world, the Inupiaq people are fighting for survival. Kivalina documents life on this namesake island that teeters on the edge of the North Pacific. Once a nomadic people, the Inupiaq were relocated to Kivalina, Alaska, by the US government more than a century ago. Today, the community struggles to maintain itself in the face of forces largely beyond its control. Climate change threatens to drown the village under rising ocean levels. The neglect of a government thousands of miles away delays repairs to the crumbling sea wall that routinely fails to protect the

island from the flooding caused by ever more frequent storms. And, as the melting ice opens up the north to resource extraction and tanker traffic, an oil spill would wipe out the whales and with it the community. The everyday lives of the Inupiaq people carry on under the weight of these impending disasters. Director Gina Abatemarco and her crew document traditional hunting and food preparation, coexisting with the frustrations of teenage boredom and bureaucratic intransigence. Kivalina shows the consequences of colonialism, economic exploitation, and bureaucratic neglect for this community while foregrounding the voices of the people themselves. Intimate and unflinching, the film shows the cultural as well as the environmental consequences of climate change.

11:30pm Reel South

Red Wolf Revival

By Rosh Patel and Madison McClintock. Three decades ago, the nearly-extinct red wolf was reintroduced in North Carolina. While this flagship conservation effort paved the way for reintroducing several other species across the country, today fewer than 100 wild red wolves remain - and their fate hinges on significant biological, political, cultural and economic challenges.

12am Earth A New Wild

Water

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that follows the Colorado River to the sea; the elephants and people at the singing wells of Kenya; the surprising connection between AIDS and a small fish in Lake Malawi; and a look at how hunters in America saved one of the greatest gatherings of birds on the continent.

20 Sunday

8pm India - Nature's Wonderland

Continue exploring India and meet a man who spent 30 years planting his own rainforest. On the way, encounter demoiselle cranes, tahr goats, one-horned rhinos, the tiny pika and lion-tailed macaques. Witness the mass hatching of olive ridley turtles.

9pm Nature's Great Race

Elephants

Follow the annual gathering of a thousand elephants in northern Kenya. From magnificent bulls to vulnerable orphans, they face deadly threats from both predators and poachers.

10pm Nature's Great Race

Caribou

Join 100,000 caribou who face hungry bears and wolves, deadly frozen rivers and rugged mountains as they undertake the world's longest land migration: 3,000 miles through the frozen Arctic wilderness of Canada and Alaska.

11pm Nature's Great Race

Zebra

Witness the perilous journey of thousands zebra who face lions, hunting dogs, drought and starvation as they brave a brutal Botswana wilderness and undertake Africa's longest land migration to the rich grasslands of Nxai Pan National Park.

12am India - Nature's Wonderland

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encounter demoiselle cranes, tahr goats, one-horned rhinos, the tiny pika and lion-tailed macaques. Witness the mass hatching of olive ridley turtles.

21 Monday

8pm The Brain with David Eagleman

Who Will We Be?

Join Dr. Eagleman as he journeys into the future and asks what's next for the human brain and for our species. He speculates that our descendants may be so different from us that we'll be strangers to them.

9pm Life on the Line

It's About The Journey

After a major snowboarding accident, Andre's athletic life completely changed when his left leg got amputated. But he hasn't let that slow him down. He becomes a triathlete and finds himself training for the biggest competition yet: the 2016 Paralympics in Rio. Through years of hard work and dedication, Andre learns that life is not about the destination, but about the journey.

9:30pm On Story

Treat Yo Self: A Conversation with Alan Yang

Parks and Recreation and Master of None writer Alan Yang talks about making up for lost time, writing for the Harvard Lampoon, and putting stories from his personal life into the show.

10pm PBS NewsHour

11pm Nightly Business Report

11:30pm To The Contrary with Bonnie Erbe

12am The Brain with David Eagleman

Why Do I Need You?

See how the brain relies on other brains to thrive and survive. This neural interdependence underpins our need to group together - and our capacity to do the best and the

worst of things to each other.

22 Tuesday

8pm America Reframed

A Will for the Woods

Musician, folk dancer, and psychiatrist Clark Wang prepares for his own green burial, determined that his final resting place will benefit the earth. He has discovered a movement that uses burial to conserve and restore natural areas, forgoing toxic, wasteful funeral practices engineered to preserve the body at the ecosystem's expense. Clark, a spirited and charismatic advocate, sets out to save a tract of forest with the help of green burial pioneers and a compassionate local cemeterian.

9:05pm Highpointers

Two college-age women attempting to climb the highest peaks in 50 states meet their match in Wyoming. This warmly-told family film in the first to introduce the little known sport of "highpointing," a quirky American hobby for nature lovers and climbers. Their quest turns more serious as they learn Wyoming's Gannett Peak is deep in wilderness territory.

10pm PBS NewsHour

11pm Nightly Business Report

11:30pm Global 3000

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pioneers and a compassionate local cemeterian.

23 Wednesday

9pm Frontline

League of Denial: The NFL's Concussion Crisis

Follow one doctor's battle against the NFL to raise awareness about the dangers of head injuries in football. FRONTLINE details how the NFL denied and worked to refute scientific evidence that showed football could cause long-term brain injuries.

10pm PBS NewsHour

11pm Nightly Business Report

11:30pm Focus On Europe

12am Iglitqisiugvigruaq [Swift Water Place]

The story of the arctic village known as Iglitqisiugvigruaq ("swift water place"), located near present-day Kiana, began more than 200 years ago along the banks of the Kobuk River in northwestern Alaska. Here, the Inupiaq people trace their history back more than 10,000 years. Archaeologist Dr. Douglas Anderson and his wife Wanni W. Anderson of Brown University have studied this region and the Inupiaq for more than 50 years, uncovering the past and capturing the oral histories of those who came before. During a recent excavation of the Iglitqisiugvigruaq site, Anderson and his team discovered human remains. As policy dictates, archaeological excavations on National Park Service land must stop when remains are found, and all living descendants must be notified. But something different happened this time. A decision by Kiana's Traditional Council changed National Park policy and enabled the dig to continue at Iglitqisiugvigruaq. Through arresting b-roll, archival footage and interviews,

IQLIQTQSIUGVIGRUAQ [SWIFT WATER PLACE] examines a partnership and an understanding between the people of Kiana and Anderson's team to uncover and preserve important aspects of the culture and history of the people in Arctic Alaska before the river washes away the ancient village.

12:30am POV

Tribal Justice

Follow two Native-American judges who reach back to traditional concepts of justice in order to reduce incarceration rates, foster greater safety for their communities and create a more positive future for their youth.

24 Thursday

8pm Aurora - Fire in the Sky

Examine legends about the origins and meaning of the aurora, the colorful glow that often brightens the night sky in Earth's polar regions. Investigate the myths of Finland's Saami, Alaska's Inuit, Canada's Native Americans and New Zealand's Maori.

9pm City in the Sky

Airborne

Examine the hidden army that keeps your plane safe, and explore just what it takes to keep the "city in the sky" functioning and safe between take-off and landing. Learn why flying has become safer than ever.

10pm PBS NewsHour

11pm Nightly Business Report

11:30pm Scully/The World Show

12am Nova

Eclipse Over America

Join scientists and citizens alike as they observe the first total solar eclipse to traverse the US mainland in more than a generation. Discover the storied history of eclipse science and follow current, cutting-edge research into the solar corona.

25 Friday

8pm How We Got to Now with Steven Johnson

Sound

Imagine a world without the power to capture or transmit sound.

Journey with Johnson to the Arcy sur Cure caves in northern France, where he finds the first traces of the desire to record sound - 10, 000 years ago. He also learns about the difference that radio made in the civil rights movement and discovers that telephone inventor Alexander Graham Bell thought that the best use for his invention was long-distance jam sessions. During an ultrasound on a pregnant dolphin, he realizes just how big a role sound has played in medicine. The unsung heroes of sound have had an impact on our working lives, race relations, saving lives and the radical alteration of cities.

9pm The Mystery of Matter: Search for the Elements

Into The Atom (1910-1960)

Caught up in the race to discover the atom's internal parts, Harry Moseley uses newly discovered X-rays to put the Periodic Table in a whole new light. Glenn Seaborg creates a new element-plutonium-that changes the world forever.

10pm PBS NewsHour

11pm Nightly Business Report

11:30pm Asia Insight

12am How We Got to Now with Steven Johnson

Cold

Only in the last 200 years have humans learned how to make things cold. Johnson explains how ice entrepreneur Frederic Tudor made ice delivery the second biggest export business in the U.S. and visits the place where Clarence Birdseye, the father of the frozen food industry, experienced his eureka moment. He also travels to Dubai to see how mastery of cold

has led to penguins in the desert. From IVF to food, politics and Hollywood to human migration, the unsung heroes of cold have led the way.

26 Saturday

8pm Diana - Her Story

Twenty years after Princess Diana's death, this new film reveals her story in her own words. What emerges is the narrative of a shy young girl who stepped onto the world stage in 1980 and departed in 1997 as its most famous woman.

9pm Royal Paintbox

In a story previously untold on film, HRH The Prince of Wales makes a journey through history to celebrate the artistic gene in his family and reveals an extraordinary treasure trove of work by royal hands past and present, many of whom were accomplished artists. ROYAL PAINTBOX goes behind the scenes to discover how growing up against a background of great art has inspired The Prince of Wales to paint and how painting fits into the busy life of the heir to the throne. Set against the spectacular landscapes of Balmoral, Birkhall, Highgrove, Windsor Castle, Frogmore and Osborne House and containing insights into works by members of The Royal Family down the centuries and The Prince of Wales's own watercolours, ROYAL PAINTBOX explores a colourful palette of intimate family memory and observation.

10pm America Reframed

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11:05pm Highpointers

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27 Sunday

8pm The Farthest Voyager In Space

Launched in 1977, NASA's epic Voyager missions revolutionized our understanding of Jupiter, Saturn, Uranus, Neptune, and their spectacular moons and rings. In 2012, Voyager 1 left our solar system and ushered humanity into the interstellar age.

10pm Humanity from Space

From the perspective of space, trace humankind's journey from hunter-gatherer to dominant global species. With mind-boggling data and CGI, the program shows how we've transformed our planet and produced a world of extraordinary complexity.

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28 Monday

8pm Plants Behaving Badly

Sex & Lies

Revel in the ethereal beauty of orchids and examine their exotic flowers, which are shaped for one purpose - to attract pollinators. Many use sex as a lure, impersonating a female bee or wasp.

9pm Life on the Line

The Lasting Impact

Wilber "Wil" Alexander has sat at the bedside of the sick and the dying for the last 40 years, inviting the wounded to tell their stories. This story follows Wil as he uniquely cares for sick, wounded, and terminal patients by walking alongside them and aiding in their search for meaning and healing in their time of unique vulnerability.

9:30pm On Story

Frank Marshall On Producing from the Creative Side

The producer behind Raiders of the Lost Ark, Back to the Future, The Sixth Sense, and more talks about starting his career with Spielberg, Coppola, and Lucas, the creativity in producing, and working with writers.

10pm PBS NewsHour

11pm Nightly Business Report

11:30pm To The Contrary with

Bonnie Erbe

12am Plants Behaving Badly

Murder & Mayhem

Examine the extraordinary behavior of carnivorous plants, which have been a feature of many a sci-fi film over the years. The reality turns out to be far stranger than the fiction. See why.

29 Tuesday

8pm America Reframed

Yellow Fever

Yellow Fever follows young Navajo veteran, Tina Garnanez on her journey to investigate the history of the Navajo Uranium Boom, its lasting impacts in her area and the potential new mining in her region. She begins as a curious family member and becomes an advocate, lobbyist, activist and vocal proponent for transparency and environmental justice.

9pm Not Without Us

Not Without Us follows seven grassroots activists from around the world to the 21st U.N. Climate Talks in Paris. The effects of climate change on their lives reveal what's at stake if a strong agreement to limit carbon emissions is not reached. Yet, the landmark Paris Accords, signed by 195 nations, is non-binding and fails to mention the main cause of global climate change: fossil fuels. Not Without Us connects the dots between the inability of the U.N. process to address climate change and Big Oil's control over governments, between the economic inequality and the oncoming climate disaster, and between a fossil fuel driven economy and the 1% who control it. Not Without Us demonstrates the importance of grassroots groups to empower mass movements to create systemic change.

10pm PBS NewsHour

11pm Nightly Business Report

11:30pm Global 3000

12am America Reframed

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Follow one doctor's battle against the NFL to raise awareness about the dangers of head injuries in football. FRONTLINE details how the NFL denied and worked to refute scientific evidence that showed football could cause long-term brain injuries.

10pm PBS NewsHour

11pm Nightly Business Report

11:30pm Focus On Europe

12am POV

Raising Bertie

31 Thursday

8pm Wild Weather

Watch an innovative documentary that illustrates how weather works by performing brave, ambitious (even unlikely) experiments that show how nature transforms simple ingredients like wind, water and temperature into something spectacular and powerful.

9pm City in the Sky

Arrival

What goes up must come down- and getting passengers safely back to earth depends on complex global networks and some astonishing technology. Around the world, 100,000 flights a day make touchdown-almost every one safely. Learn what's involved.

10pm PBS NewsHour

11pm Nightly Business Report

11:30pm Scully/The World Show

12am Nova

Zeppelin Terror Attack

NOVA reveals the untold story of the biggest flying machines ever made: Germany's war zeppelins,

which rained down death on British towns for two and a half terrifying years during World War I. In hands-on experiments, NOVA uncovers how the zeppelins were built and flown, and goes inside the desperate scramble to take down the zeppelins and make the streets of Britain safe again.