

QUARTERLY
ISSUES/PROGRAM
REPORT – 1st 2023

April 6th, 2023
WBWC

To Whom It May Concern:

The Quarterly Issues/Program Report lists the public service programming that WBWC airs on a regular basis. This program is presented to demonstrate the variety of public service programming that WBWC offers its listeners. The listing features the general topics that each program covers, the days it airs, time, length of program, the issues, and the source from which WBWC receives the show. This list does not include other public service that is aired on WBWC on a more random basis, such as live read billboard announcements, live read public service announcements, and pre-recorded 30 and 60 second public service announcements. The contents of this report comply with FCC regulations concerning the "Issues/Programs List."

Sincerely,

Joe Tarantowski

WBWC QIPR 1st Quarter 2023
6 April 2023

Title of Program	Length	Time	Days	Treatment	Type	Source
51%	0:30:00	6:00am	Sunday	Contemporary Women's Issues	ED	WAMC - https://www.wamc.org/programs/51
Acoustic Café	2:00:00	11:00pm 3:00pm	Saturday Sunday	Acoustic music news and artist interviews	MN	RM & M Productions - https://www.acafe.com/
AP Local News	0:03:00	Bottom of odd hours - 7:30am to 9:30pm	Weekdays Only	Local/Ohio News - Live Read	N	Associated Press Network - https://apnews.com/Radio
AP "Radio" News	0:03:00	Top of hour - 5:00am to 10:00pm	Weekdays Only	Current National News	N	Associated Press Network - https://apnews.com/Radio
Berea City Council	1:20:00	7:30pm	1st & 3rd Monday of the month	Broadcast of BCC Meetings with no commenary or editorial.	PA	Berea City Council - https://cityofberea.org/
The Best of Our Knowledge	0:30:00	3:00am & 7:00am	Sunday	A nationally-syndicated, Peabody award-winning radio show about big ideas from the great minds of our time.	ED	WAMC - https://www.ttbook.org/
Big Picture Science	1:00:00	9:00AM	Monday & Saturday	Science news and views	ED	PRX - http://radio.seti.org/
The Book Show	0:30:00	6:30am	Sunday	Joe Donahue interviews authors about their books, their lives and their craft.	ED	WAMC - Northeast Public Radio https://www.wamc.org/programs/book-show
Christopher Closeup	0:30:00	9:00am	Sunday	Interviews with those with God-given talents	PA	The Christophers - https://www.christophers.org/
Christopher Minutes	0:01:00	6:03 AM	Monday thru Saturday	Uplifting thought for the day.	R	The Christophers - https://www.christophers.org/
Cleveland City Club Forum currently suspended due to covid	1:00:00	12:00pm	Sunday	The City Club of Cleveland is one of the nation's oldest continuous independent free speech forums.	PA	The City Club of Cleveland - https://www.cityclub.org
Creekerbox Theatre	0:30:00	5:00pm	Sunday	Radio on the Lake Theatre is a professional theater company specifically dedicated to the preservation, creative development and educational outreach of the radio theater genre.	EN	Radio On The Lake- https://radioonthelaketheatre.org/CreekerBox-Radio
Dream Farm Radio	1:00:00	11:00am	Sunday	Contemporary Jazz artists and jazz music news.	MN	http://www.dreamfarmradio.org/
Footlight Parade	1:00:00	10:00am 9:00am	Sunday & Wednesday	Examines history of American Musicals Theatre	ED	Creative PR - https://www.musicaltheaterproject.org/
In Black America	0:30:00	9:30am 4:30am	Friday Sunday	In Black America is dedicated to all facets of the African American experience. John Hanson profiles a diverse selection of current and historically significant figures whose stories help illuminate life in Black America.	ED	Longhorn Radio Network - KUT - https://www.kut.org/term/black-america
Inspire - Interfaith Voices	1:00:00	8:00am	Sunday	Religious tolerance and interfaith understanding	R	InterfaithRadio - https://interfaithradio.org/About/Meet_the_Team
Listening to Movies	0:30:00	5:30pm	Sunday	Music interpreted by film scores	EN	Radio On The Lake- https://radioonthelaketheatre.org/CreekerBox-Radio
Live At The Bop Stop	2:00:00	10:00pm 12:00pm	Saturday Sunday	The Bop Stop at The Music Settlement is Cleveland's premier listening room: an intimate, acoustically pristine performance venue with sweeping views of Lake Erie.	EN	Live at the Bop Stop - https://bopstop.libsyn.com/website
Living Planet	0:30:00	9:00am 5:00am	Tuesday Sunday	Environment News	ED	Deutsche Welle - https://www.dw.com/en/top-stories/s-9097

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Title of Program	Length	Time	Days	Treatment	Type	Source
The Media Project	0:30:00	4:00am 9:00am	Sunday Friday	The Media Project is an inside look at media coverage of current events with The Times Union's Rex Smith, WAMC's Alan Chartock, Daily Freeman Publisher Emeritus Ira Fusfeld and more.	ED	WAMC - https://www.wamc.org/programs/media-project
Music and the Spoken Word	0:30:00	9:30am	Sunday	Music and Short Scripture for the Mormon Tabernacle Choir.	R	Bonneville Productions - https://www.thetabernaclechoir.org/music-spoken-word.html
NewsPulse - currently suspended to to covid-19	1:00:00	9:00 AM	Thursday	News about happenings in the world and campus	N	WBWC Staff
Person, Place, Thing	0:30:00	3:30am 7:30am	Sunday	Hosted by former New York Times Ethicist Columnist Randy Cohen, PPT features guests who talk about a person, a place and a thing they find meaningful.	EN/ED	WAMC - https://www.wamc.org/programs/person-place-thing
SportsPulse	1:00:00	9:00 PM	Thursday	Professional Sports Talk	S	WBWC Staff
Science and the Sea	0:02:00	9:57:50 & 11:57:50	Sunday	Science and the Sea presents marine science topics in an engaging two-format.	ED	https://www.scienceandthesea.org/
World In Progress	0:30:00	9:30am 5:30am	Tuesday Sunday	World News	N PA	Deutsche Welle - https://www.dw.com/en/world-in-progress-stories-that-matter-from-around-the-world/a-19385803

WAMC National Productions
1st QUARTERLY ISSUES REPORT
January 1, 2023 – March 31, 2023
Contact: Tina Renick trenick@wamc.org

51%

DATE	TIME	SHOW #	TOPICS
1/5/2023	30:00	1746	What's your New Year's resolution? On the latest 51%, we speak with dietician and personal trainer Nicole Rodriguez about how to set healthy and realistic nutrition goals that fit your lifestyle. And in this season of gym memberships, career scheming, and personal development, one multi-generational study suggests the key to fulfillment is actually, quite simple: nurturing our relationships. The New York Times' Jancee Dunn shares what we can learn from the world's longest-running study on human happiness.
1/12/2023	30:00	1747	On this week's 51%, we explore how building for the future demands reckoning with our past. NYU Stern School of Business professor and social psychologist Dolly Chugh offers guidance for the "gritty patriot" in her new book "A More Just Future."
1/19/2023	30:00	1748	On this week's 51%, we speak with filmmaker Tracy Heather Strain about her new PBS documentary "Zora Neale Hurston: Claiming a Space." We'll also hear from ceramicist Kelli Rae Adams about her latest installation at MASS MoCA, titled "Forever in Your Debt."
1/26/2023	30:00	1749	January 22 would have marked the 50th anniversary of the landmark Supreme Court decision Roe v. Wade, had the Court not decided to overturn the ruling last year. On the latest 51%, we speak with Amy Littlefield, longtime abortion access correspondent for The Nation, about how the fall of Roe is currently playing out in states and women's health clinics across the U.S.
2/2/2023	30:00	1750	On this week's 51%, we speak with Hollywood dialect coach and author Samara Bay about how to buck America's "voice standards" and embrace the power in your voice.
2/9/2023	30:00	1751	On this week's 51%, we speak with editors Nan Bauer-Maglin and Daniel Hood about their new book "Gray Love: Stories About Dating and New Relationships After 60."
2/16/2023	30:00	1752	On this week's 51%, we speak with Katie Hood, CEO of the One Love Foundation, about the differences between healthy and unhealthy relationships — and how to tell which one you're in.
2/23/2023	30:00	1753	On this week's 51%, we speak with Dr. Clarence Lusane about his latest book "Twenty Dollars and Change: Harriet Tubman and the Ongoing Fight for Racial Justice and Democracy," on the lifelong activism of Harriet Tubman and the future of the \$20 bill.
3/2/2023	30:00	1754	On this week's 51%, we speak with Alisha Fernandez Miranda about her journey from CEO to intern in her new memoir "My What If Year."
3/9/2023	30:00	1755	On this week's 51%, we recognize Women's History Month. Jennifer Herrera, vice president of external affairs for the National Women's History Museum, shares how the organization is working to fill the gaps in our history books. Our associate producer, Jody Cowan, stops by a donation ceremony for a replica of the Women's Rights Pioneers Monument at the New York State Museum.
3/16/2023	30:00	1756	Parenting isn't easy — especially when children are difficult. On this week's 51%, Dr. Adelia Moore discusses how you can become a more confident parent, love with conviction, and see your children as the unique individuals they are.

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3/23/2023	30:00	1757	On this week's 51%, we take a look at the gender pay gap in the U.S., and speak with America Saves Director Kia McCallister-Young to learn how you can come up with a savings plan that fits your needs and leaves you feeling financially confident – no matter what life throws at you.
3/30/2023	30:00	1758	On this week's 51%, we speak with long-distance runner and two-time Olympian Kara Goucher about her daring new memoir, "The Longest Race: Inside the Secret World of Abuse, Doping, and Deception on Nike's Elite Running Team."

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The Best of Our Knowledge

DATE	TIME	SHOW #	TOPIC
1/6/2023	30:00	1685	New York State is requiring school districts that utilize Native American imagery to change their nicknames and mascots. Jody Cowan will speak with school officials about how they're preparing for the change. Host Lucas Willard will speak with arborist Fred Breglia about finding what could be New York's largest living tree. And we'll visit a new learning lab in Troy, New York.
1/13/2023	30:00	1686	As COVID-19 restrictions ease, public school students are seeing the return of an exciting tradition – the school field trip. Jody Cowan will bring us more. The Peace Corps is sending its first deployment of volunteers around the world since the lockdown of 2020. Host Lucas Willard will speak with a recent graduate preparing for her two-year tour. And a storybook is helping young children affected by the war in Ukraine.
1/20/2023	30:00	1687	As Democrat Kathy Hochul begins her term as New York's first elected female governor, local students share some of the inaugural spotlight. Our Jody Cowan will have more. Bob Schneider of the New York State School Boards Association will provide analysis of Hochul's education goals for 2023. The upstate New York video game industry gets a powerup with state funding. And 2022 proved to be the sixth-warmest year on record in Massachusetts.
1/27/2023	30:00	1688	A series of winter nature walks is aimed at bringing upstate New York residents closer to native plants and animals. We'll learn about the importance of ants in the agricultural economy. And Jody Cowan will speak with an artist who is drawing attention to the student debt crisis with a unique exhibit in western Massachusetts.
2/3/2023	30:00	1689	Students compete to advance in the FIRST Robotics Competition in Albany. Bald eagles have made a comeback in New York's Hudson Valley. We'll learn about the Teatown Hudson River EagleFest. Middle and high school students participate in a conference to address bias, bullying, and prejudice. And some colleges in New York are changing their designations to "university."
2/10/2023	30:00	1690	Elementary and middle school students compete in a district-wide spelling bee in Schenectady, New York. Online program Poem Renovation lets users explore poetry in a new way. And independent Hyper Saturation Magazine digs into the cultural landscape of upstate New York.
2/17/2023	30:00	1691	We'll learn how a hospital is partnering with a public library to give babies their first book.
2/24/2023	30:00	1692	We'll meet a group of high school seniors who are running their own company before receiving their cap and gown.
3/3/2023	30:00	1693	Young learners at a New York charter school attend a pep-rally for Historically Black Colleges and Universities.
3/10/2023	30:00	1694	Researchers are using microbes to create tiny nanowires – technology that could be used to "sniff out" disease.
3/17/2023	30:00	1695	A new book aims to build an understanding of the U.S. immigration system by telling the stories of immigrant children.
3/24/2023	30:00	1696	How do artificial intelligence programs like ChatGPT fit into the future of higher education?
3/31/2023	30:00	1697	A new awareness campaign to find missing persons and solve cold cases is coming to a gas station near you, plus more.

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The Book Show

DATE	TIME	SHOW #	TOPIC
1/3/2023	30:00	1798	A discarded painting in a junk pile, a skeleton in an attic, and the greatest racehorse in American history. In her new novel, "Horse," Pulitzer Prize winning novelist Geraldine Brooks braids a sweeping story of spirit, obsession, and injustice across American history.
1/10/2023	30:00	1799	Former U.S. Poet Laureate Billy Collins has taken up the unique poetic style of the "small poem" and has gathered more than 125 of his own into a beautiful new collection entitled "Musical Tables."
1/17/2023	30:00	1800	In the follow-up to the best-selling and Pulitzer Prize-winning "Less: A Novel," the awkward and lovable Arthur Less returns in an unforgettable road trip in Andrew Sean Greer's new novel, "Less is Lost," where he accepts a series of literary gigs that sends him on a zigzagging adventure across the US.
1/24/2023	30:00	1801	In bestselling author Emma Donoghue's novel "Haven," three men vow to leave the world behind them as they set out in a small boat for an island their leader has seen in a dream, with only faith to guide them. "Haven" is a beautiful and chilling story of adventure and survival.
1/31/2023	30:00	1802	Jane Smiley is the author of numerous novels including "A Thousand Acres," which was awarded the Pulitzer Prize, and the "Last Hundred Years Trilogy." Her latest, "A Dangerous Business," tells the remarkable story of the California gold rush and a pair of sex-worker sleuths who track down the culprit behind a series of disappearances.
2/7/2023	30:00	1803	Tracy Kidders new book, "Rough Sleepers: Dr. Jim O'Connell's Urgent Mission to Bring Healing to Homeless People," tells the story of Dr. Jim O'Connell – a man who invented ways to create a community of care for a city's unhoused population – the "rough sleepers."
2/14/2023	30:00	1804	Tracy Kidders new book, "Rough Sleepers: Dr. Jim O'Connell's Urgent Mission to Bring Healing to Homeless People" shines a spotlight on Jim O'Connell, a Harvard-trained doctor who has spent 40 years caring for unhoused individuals in Boston, the "Rough Sleepers." We talk with both Tracy Kidder and Dr. Jim O'Connell on this week's Book Show.
2/21/2023	30:00	1805	Lydia Millet's previous novel, "A Children's Bible," was a National Book Award Finalist. Her follow-up is "Dinosaurs" is deadpan funny and yet deals with the important themes of extinction and climate change.
2/28/2023	30:00	1806	Pulitzer Prize-winning author Paul Harding's new novel "This Other Eden" is inspired by the true story of Malaga Island, an isolated island off the coast of Maine that became one of the first racially integrated towns in the Northeast. Harding is the author of "Tinkers" and "Enon."
3/7/2023	30:00	1807	Scott Turow, the #1 New York Times bestselling author of "Presumed Innocent" and "The Last Trial," returns with "Suspect" a riveting legal thriller in which a reckless private detective is embroiled in a fraught police scandal where the Police Chief is accused by three male police officers of soliciting sex in exchange for promotions to higher ranks.
3/14/2023	30:00	1808	Shifting through time and perspective in contemporary India, Deepti Kapoor's novel "Age of Vice" is an action-packed story propelled by the seductive wealth, startling corruption, and bloodthirsty violence of the Wadia family—loved by some, loathed by others, feared by all.

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3/21/2023	30:00	1809	Thomas Mallon's new novel, "Up with The Sun," mixes murder mystery and showbiz history to tell the fictionalized account of the life and untimely death of Dick Kallman.
3/28/2023	30:00	1810	In "I Have Some Questions for You," award-winning author Rebecca Makkai has crafted an investigation into collective memory and a deeply felt examination of one woman's reckoning with her past.

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The Media Project

DATE	TIME	SHOW #	TOPIC
1/1/2023	30:00	1648	With WAMC's CEO Alan Chartock, former Times Union Editor and current Upstate American, Substack columnist Rex Smith, Judy Patrick, former Editor of the Daily Gazette and Vice President for Editorial Development for the New York Press Association, and Rosemary Armao, Investigative Journalist and Adjunct Professor at RPI. On this week's Media Project, Rex, Judy and Rosemary talk about whether increasing media consolidation is a good thing, harassment facing journalists, the loss of newspapers in rural areas, and much more.
1/8/2023	30:00	1649	With WAMC's CEO Alan Chartock, former Times Union Editor and current Upstate American, Substack columnist Rex Smith, Judy Patrick, former Editor of the Daily Gazette and Vice President for Editorial Development for the New York Press Association, and Rosemary Armao, Investigative Journalist and Adjunct Professor at RPI. On this week's Media Project, Rex, Judy and Rosemary talk about George Santos and the importance of small, community newspapers, how the media covered the collapse of Buffalo Bills safety Damar Hamlin, whether there was too much press coverage of the death of pioneering broadcast journalist Barbara Walters, and more.
1/15/2023	30:00	1650	With WAMC's CEO Alan Chartock, former Times Union Editor and current Upstate American, Substack columnist Rex Smith, Rosemary Armao, Investigative Journalist and Adjunct Professor at RPI and UAlbany, and Daily Freeman Publisher Emeritus Ira Fusfeld. On this week's Media Project, Alan, Rex, Rosemary and Ira talk about how to cover homelessness, whether journalist's prey on people to get information, the Wall Street Journal reporter handcuffed by police, and much more.
1/22/2023	30:00	1651	With WAMC's CEO Alan Chartock, former Times Union Editor and current Upstate American, Substack columnist Rex Smith, Rosemary Armao, Investigative Journalist and Adjunct Professor at RPI and UAlbany, and Judy Patrick, former Editor of the Daily Gazette and Vice President for Editorial Development for the New York Press Association. On this week's Media Project, Alan, Rex, Rosemary and Judy talk about whether there should be a comedian on CNN Prime Time, coverage of the Biden classified documents case, how to spell turkey, and much more.
1/29/2023	30:00	1652	With WAMC's CEO Alan Chartock, former Times Union Editor and current Upstate American, Substack columnist Rex Smith, Judy Patrick, former Editor of the Daily Gazette and Vice President for Editorial Development for the New York Press Association, And Barbara Lombardo is the former Editor of the Saratogian and a Journalism Professor at the University at Albany. On this week's Media Project, Alan, Rex, Judy and Barbara talk about the journalism coalition trying to save local news, a decision by some cable companies to remove Newsmax, Facebook allowing former President Trump back on the platform, and much more.
2/5/2023	30:00	1653	With WAMC's CEO Alan Chartock, former Times Union Editor and current Upstate American, Substack columnist Rex Smith, former Associate Editor of the Times Union Mike Spain, and Barbara Lombardo is the former Editor of the Saratogian and a Journalism Professor at the University at Albany. On this week's Media Project, Alan, Barbara, Rex, and Mike talk about how to sustain local news in communities where it is difficult, media coverage of the arrest footage of Tyre Nichols, and much more.
2/12/2023	30:00	1654	With WAMC's CEO Alan Chartock, former Times Union Editor and current Upstate American, Substack columnist Rex Smith, Daily Freeman Publisher Emeritus Ira Fusfeld, and Judy Patrick, former Editor of the Daily Gazette and Vice President for Editorial Development for the New York Press Association. On this week's Media

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			Project, Alan, Rex, Ira and Judy talk about coverage of the Chinese spy balloon, President Biden's State of the Union Address, newsrooms moving beyond objectivity, and much more.
2/19/2023	30:00	1655	With WAMC's CEO Alan Chartock, former Times Union Editor and current Upstate American, Substack columnist Rex Smith, Barbara Lombardo, former Editor of the Saratogian and a Journalism Professor at the University at Albany, and Judy Patrick, former Editor of the Daily Gazette and Vice President for Editorial Development for the New York Press Association. On this week's Media Project, Alan, Rex, Barbara and Judy talk about how digital platforms have upended the news, the value of sports coverage, and much more.
2/26/2023	30:00	1656	With WAMC's CEO Alan Chartock, former Times Union Editor and current Upstate American, Substack columnist Rex Smith, Rosemary Armao, Investigative Journalist and Adjunct Professor at RPI and UAlbany, and Daily Freeman Publisher Emeritus Ira Fufeld. On this week's Media Project, Alan, Rosemary, Rex, and Ira talk about the scandal involving Fox news, CNN's Don Lemon being temporarily benched for on-air sexist comments, and much more.
3/5/2023	30:00	1657	With WAMC's CEO Alan Chartock, former Times Union Editor and current Upstate American, Substack columnist Rex Smith, Rosemary Armao, Investigative Journalist and Adjunct Professor at RPI and UAlbany, and Barbara Lombardo, former Editor of the Saratogian and a Journalism Professor at the University at Albany. On this week's Media Project, Alan, Rosemary, Rex, and Barbara talk about whether the legal case against Fox news, whether reporters should put themselves in danger, and much more.
3/12/2023	30:00	1658	With WAMC's CEO Alan Chartock, former Times Union Editor and current Upstate American, Substack columnist Rex Smith, Judy Patrick, former Editor of the Daily Gazette and Vice President for Editorial Development for the New York Press Association, and Daily Freeman Publisher Emeritus Ira Fufeld. On this week's Media Project, Alan, Rex, Judy and Ira talk about the latest on the Dominion lawsuit against Fox news, 2024 campaign coverage, whether the headlines about the dangers of traveling to Mexico are overblown, and much more.
3/19/2023	30:00	1659	With WAMC's CEO Alan Chartock, former Times Union Editor and current Upstate American, Substack columnist Rex Smith, Judy Patrick, former Editor of the Daily Gazette and Vice President for Editorial Development for the New York Press Association, and Rosemary Armao, Investigative Journalist and Adjunct Professor at RPI and UAlbany. On this week's Media Project, Alan, Rex, Judy and Rosemary talk about Sunshine Week and journalists constant battle to get government to release public information, an Axios reporter who was fired for calling a press release from Florida Governor DeSantis' office propaganda, and much more.
3/26/2023	30:00	1660	With WAMC's CEO Alan Chartock, former Times Union Editor and current Upstate American, Substack columnist Rex Smith, Judy Patrick, former Editor of the Daily Gazette and Vice President for Editorial Development for the New York Press Association, and Daily Freeman Publisher Emeritus Ira Fufeld. On this week's Media Project, Alan, Rex, Judy and Ira talk about whether the media is giving former President Trump too much coverage, the latest on the Dominion Voting Systems lawsuit against Fox, and much more.



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*catalog numbers correspond to .mp3 file names and indicate volume number (first two numbers), episode number within volume (second two numbers), and year (last two numbers).

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Strange Universe with Bob Berman

DATE	TIME	SHOW #	TOPIC
1/1/2023	2:30	248	We'll take a peek at what we can expect in the sky in 2023. Tune in to hear why 2023 is the decade's finest year for meteors.
1/8/2023	2:30	249	Our current, bright sun makes winters more moderate than they'd otherwise be. In the southern hemisphere, enjoying summer right now, the added boost of having this 7% greater Sun intensity should theoretically make seasons more extreme than ours, with hotter highs and colder lows. It doesn't happen only because they have far more ocean acreage, and water moderates temperatures so that our planet's two hemispheres, remarkably, balance out.
1/15/2023	2:30	250	This week we'll study seven basic facts about the universe like how Aristarchus, 18 centuries before Copernicus, declared the earth orbits around the sun.
1/22/2023	2:30	251	Planets started to be uncovered in 1992 by radio telescopes and in 1995 by regular telescopes using special techniques. This week we'll hear just how many planets we think there are.
1/29/2023	2:30	252	Astronomy can be free. There are no toll booths between here and infinity. In many of our radio regions, away from big cities, skies are dark and one need only step outside, or drive a few miles on a country road, to an open vista. We also explore the cost of gazing at the stars.
2/5/2023	2:30	253	On Feb. 5, the full moon will hang high in the sky. Tune in as we explore the spheres of the universe; the sun, the moon and the stars. Their divine shape dazzled ancient cultures – a belief we still preserve in customs today.
2/12/2023	2:30	254	We all love vacations but relatively few of us are aware of the dramatic changes to the sky when we travel. Actually, nothing happens if we shift our location east or west, like going from New York to Rome. But when we travel north or South, it's a new universe. Hear why, when traveling, it's worth a few minutes to gaze at the unusual sky.
2/19/2023	2:30	255	Comet ZTF has gotten a lot of media headlines, talking about the great green comet. But the word in astronomy circles is very different. So if you haven't seen it, and I'm willing to bet that you haven't, don't feel bad. In truth, the comet only looks green in long exposure astrophotography. If you managed to find it in the night sky through binoculars, which is pretty hard even for backyard astronomers, it looks like a faint, gray, fuzzy ball with no tail. And a comet with no tail is hardly spectacular as a visual object.
2/26/2023	2:30	256	Tune in to hear how the year's finest conjunction is happening. You don't need a telescope, a star chart, or even need to know a single star or constellation. Two of the brightest objects in the sky will move closer and closer together, a sight you don't want to miss.
3/5/2023	2:30	257	It's a half century since James Lovelock originated the Gaia Hypothesis – which says that our planet's biosphere is a single intelligent entity that self-regulates conditions for the mutual benefit of all. Hear how physicists have been heading down this path for a long time and about the alternative: The universe was created from nothing.
3/12/2023	2:30	258	To the ancient Greeks the sky was crammed with mythological figures. Few resembled the people or animals they were supposed to portray. But the Greeks were gifted essay-test-takers who could fill in the blanks with the best of them, and they knew observers could always recognize a star's brilliance. So a man named Hipparchus who lived on Rhodes devised a

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			scheme for sorting out star brightness. Tune in to hear how his system, still in use today, assigned each star one of six different magnitudes.
3/19/2023	2:30	259	Get ready for the spring equinox! Tune in to hear how sunlight grows at its maximum possible rate this week and what an equinox actually is.
3/26/2023	2:30	260	The vernal equinox is here! The equinox is when every place on earth rotates perpendicularly into our planet's day/night line, the terminator. As a result, the sun rises precisely due east and sets exactly in the west. So it's the easiest day to find the exact cardinal compass directions from your home, or out any window.