

QUARTERLY
ISSUES/PROGRAM
REPORT – 3rd 2023

October 9th, 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

Quarterly "Issues/Program" Report WBWC, BEREA

Key for Issues:

Entertainment	EN
Environmental	ENV
Education	ED
Religious	R
Public Affairs	PA
News	N
Sports	S
Business	BUS
Music News	MN

WBWC QIPR 3rd Quarter 2023

9 October 2023

Title of Program	Length	Time	Days	Treatment	Type	Source
51%	0:30:00	9:00am 6:00am	Thursday Sunday	Contemporary Women's Issues	ED	WAMC - https://www.wamc.org/programs/51
Acoustic Café	2:00:00	11:00pm 3:00pm	Saturday Sunday	Acoustice 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 5:30pm	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 (on hiatus over summer)	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 9:30am	Sunday Thursday	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	Contemprary 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 6:30am	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 understading	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 Fufeld 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	10:00 AM	Mondat	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
3rd QUARTERLY ISSUES REPORT
July 1, 2023 – September 30, 2023
Contact: Tina Renick trenick@wamc.org

51%

DATE	TIME	SHOW #	TOPICS
7/6/2023	30:00	1772	On this week's 51%, we discuss the importance of postpartum care for new mothers. We take a look at a New York Times piece highlighting the struggles of postpartum depression, and we also stop by a rally in Troy, New York, protesting the proposed closure of Rensselaer County's only maternity ward.
7/13/2023	30:00	1773	This week's 51% is all about healthy living. We sit down with Juna Gjata and Harvard Medical School's Dr. Edward Phillips, cohosts of the podcast "Food, We Need to Talk."
7/20/2023	30:00	1774	On this week's 51%, we sit down with Dr. Heather Hirsch, founder of the Menopause and Midlife Clinic at Brigham and Women's Hospital, to learn how we can meet menopause symptoms head-on.
7/27/2023	30:00	1775	As the overall U.S. population increases in age, understanding aging is more important than ever. On this week's 51%, we speak with Dr. Rosanne Leipzig, a distinguished geriatrics specialist and author of "Honest Aging: An Insider's Guide to the Second Half of Life."
8/3/2023	30:00	1776	On this week's 51%, we speak with attorney Renee Bauer about why she wants to change the narrative around rejection and divorce – and how preparing for the worst can actually contribute to a long-lasting marriage.
8/10/2023	30:00	1777	On this week's 51%, we hear from actress Terrease Aiken about how Hollywood's stalled SAG-AFTRA strike is impacting journeyman actors, and we learn about a new independent short film starring ballerina Misty Copeland.
8/17/2023	30:00	1778	On this week's 51%, we speak with investment strategist and coach Ange Matthews, founder of the crash-course "Happy Investor Method," to learn how women can work toward financial independence while supporting the causes and companies they're passionate about.
8/24/2023	30:00	1779	On this week's 51%, we recognize National Breastfeeding Month, and stop by a webinar discussing the different types of genetic testing used to evaluate breast cancer risk and treatment options. We also speak with Leslie Lehr, author of A Boob's Life, about America's obsession with breasts — and what that often means for women and girls.
8/31/2023	30:00	1780	On this week's 51%, our Associate Producer, Jody Cowan, speaks with physician and author Dr. Gail Gazelle about how healthcare workers can use mindfulness to combat burnout – and steady their own life in the wake of a stressed healthcare system.
9/7/2023	30:00	1781	On this week's 51%, we recognize International Overdose Awareness Day, and hear from women who have battled drug addiction and walked the complicated road to recovery.
9/14/2023	30:00	1782	On this week's 51%, we bring you an interview with lawyer Jane Spinak on her book The End of Family Court. Spinak makes the radical case that the U.S. family court system is too broken to fix, and that abolishing it might bring better justice to families and children.
9/21/2023	30:00	1783	On this week's 51%, we speak with science journalist and Brave the Wild River author Melissa Sevigny about the two women who risked their lives to botanize the Grand Canyon in the 1930s.

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9/28/2023	30:00	1784	The World Health Organization says roughly 1 in 6 people grapples with infertility. On this week's 51%, we speak with the editors of Infertilities: A Curation, to broaden our perception and understanding of what is commonly called a "women's issue."
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The Best of Our Knowledge

DATE	TIME	SHOW #	TOPIC
7/7/2023	30:00	1711	Rensselaer Polytechnic Institute plans to become the first university in the world to house a new advanced quantum supercomputer; a young woman is named valedictorian of a private high school's first co-ed graduating class; and newly passed legislation in New York aims to protect student government clubs.
7/14/2023	30:00	1712	The U.S. Supreme Court recently issued decisions affecting student borrowers and admissions policies at colleges and universities. On this episode of the Best of Our Knowledge, we'll discuss with experts the decisions that struck down President Biden's student debt cancellation program and made it unlawful for colleges and universities to consider race as a factor in admissions.
7/21/2023	30:00	1713	We'll set sail! A Vermont teacher is on a mission to study climate change at New York's Adirondack Park and a new app is informing Lake George property owners on what they can do to protect water quality.
7/28/2023	30:00	1714	The James Webb Space Telescope has been sending detailed glimpses of the universe to Earth for a year now, plus more.
8/4/2023	30:00	1715	A new museum explores the comedic history of the Borscht Belt in New York's Catskill Mountains. A 101-year-old toy inventor will share stories about his ideas over a long career. And a recently-closed liberal arts college will welcome a new kind of class this fall.
8/11/2023	30:00	1716	NPR's Student Podcast Challenge drew more than 3,000 submissions this year, but only about two dozen were selected as finalists. We'll speak with two of the students recognized in the competition for their piece. And a new report examines gaps in teacher retention.
8/18/2023	30:00	1717	The harvest season is here. We'll learn about homesteading from planning to canning. New research suggests an old cancer treatment is effective in fighting tick-borne illness. And education officials in New York announce funding for mental health.
8/25/2023	30:00	1718	The conservative takeover of a small liberal arts college in Florida has drawn eyes from across the country, as the state's Republican Governor, Ron DeSantis, runs for president.
9/1/2023	30:00	1719	Scientists have used artificial intelligence to decode brainwave patterns and reconstruct music – and rock band Pink Floyd is playing a part.
9/8/2023	30:00	1720	We'll explore how educators prepare for the return of students to the classroom. A time capsule at West Point turns out to be a bit of a letdown. A Florida high school social studies teacher tours sites of the Holocaust in Europe. And the Commonwealth of Massachusetts is offering free community college to adults over age 25.
9/15/2023	30:00	1721	Students are back on campus, and for first-year students, one of the most daunting tasks of settling into college life is moving everything into the dorm.
9/22/2023	30:00	1722	A new poll shows that while Americans mostly see the value in a college degree, many don't think colleges are doing a great job in educating students.
9/29/2023	30:00	1723	On this week's The Best of Our Knowledge: A novelty high school steel drum band formed in the 1970s brought students around the world.

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The Book Show

DATE	TIME	SHOW #	TOPIC
7/4/2023	30:00	1812	Otessa Moshfegh's new novel "Lapvona" brings us to a village in a medieval fiefdom buffeted by natural disasters where a motherless shepherd boy finds himself the unlikely pivot of a power struggle that puts all manner of faith to a savage test.
7/11/2023	30:00	1813	Taking as inspiration his mother's own Red Cross service, novelist Luis Alberto Urrea has delivered an overlooked story of women's heroism in World War II. With its portrait of friendship and valor in harrowing circumstances, "Good Night, Irene," explores the "Donut Dollies," an all-women volunteer group launched by the Red Cross during WWII.
7/18/2023	30:00	1814	Novelist Danielle Trussoni is the author of the bestsellers "Angelology" and "Angelopolis." She gives readers a thrilling ride with her latest, "The Puzzle Master." Reality and the supernatural collide when an expert puzzle maker is thrust into an ancient mystery - one with explosive consequences for the fate of humanity.
7/25/2023	30:00	1815	Sadeqa Johnson is the award-winning author of four novels, including "Yellow Wife." Her latest, "The House of Eve," is a Reese's Book Club Pick and an instant New York Times Bestseller. With their stories colliding in the most unexpected of ways, we meet Ruby and Eleanor who both make decisions that shape the trajectory of their lives.
8/1/2023	30:00	1816	Award winning writer Simon Winchester's latest book is "Knowing What We Know: The Transmission of Knowledge From Ancient Wisdom to Modern Magic." It explores how humans acquire, retain, and pass on information and data, and how technology continues to change our lives and our minds.
8/8/2023	30:00	1817	Ann Patchett is the author of nine novels, including "Bel Canto," "State of Wonder," "Commonwealth" and "The Dutch House," a finalist for the Pulitzer Prize. Her latest, "Tom Lake," is a meditation on youthful love, married love, and the lives parents have led before their children were born.
8/15/2023	30:00	1818	Pulitzer-Prize winning author Richard Russo's new novel, "Somebody's Fool," returns to North Bath in upstate New York and to the characters that captured the hearts and imaginations of millions of readers in his beloved best sellers "Nobody's Fool" and "Everybody's Fool."
8/22/2023	30:00	1819	Lorrie Moore is one of the most celebrated living writers in the United States. Her new novel, "I Am Homeless If This Is Not My Home," is her first in 14 years and is an exploration of love and death, passion and grief where a man takes a road trip with the corpse of his dead ex-lover.
8/29/2023	30:00	1820	Best-selling author and naturalist Peter Heller's new novel, "The Last Ranger," tells of an enforcement ranger in Yellowstone National Park who likes wolves better than most people. When a clandestine range war threatens his closest friend, he must shake off his own losses and act swiftly to discover the truth and stay alive.

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9/5/2023	30:00	1821	"The House in the Pines" is a new psychological thriller from Ana Reyes. We follow Maya, a young woman who only has hazy memories about the most traumatic moment in her life – witnessing the mysterious death of her best friend – and feels the desperation to hide from and eventually fight for long-buried answers. This episode was recorded live at The Colonial Theatre in Pittsfield, Massachusetts on May 13, 2023.
9/12/2023	30:00	1822	Lauren Groff is a three-time National Book Award finalist and New York Times bestselling author. Her new novel, "The Vaster Wilds," is at once an adventure story and a penetrating fable about trying to find a new way of living in a world succumbing to the churn of colonialism. It tells the story of America in miniature, through one girl at a hinge point in history.
9/19/2023	30:00	1823	National Book Award Winner James McBride's new novel, "The Heaven & Earth Grocery Store," is rooted in small-town secrets as the residents of rundown Chicken Hill in Pottstown, Pennsylvania live with compassion on the margins of society.
9/26/2023	30:00	1824	Esmeralda Santiago is the award-winning, best-selling author of "When I Was Puerto Rican." Her latest, "Las Madres," is a powerful novel of family, race, faith, sex, and disaster that moves between Puerto Rico and the Bronx, revealing the lives and loves of five women and the secret that binds them together.

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The Media Project

DATE	TIME	SHOW #	TOPIC
7/2/2023	30:00	1674	With Judy Patrick, former Editor of the Daily Gazette and Vice President for Editorial Development for the New York Press Association, Rosemary Armao, Investigative Journalist and Adjunct Professor at RPI and UAlbany, Barbara Lombardo, former Editor of the Saratogian and Adjunct Professor at the University at Albany, and WAMC News Director Ian Pickus. On this week's Media Project, Judy, Rosemary, Barbara and Ian talk about the trolling of Wall Street reporter after she dared to ask the Indian Prime Minister a question about human rights, whether or not the cable news networks dropped the ball on the Russian insurrection, and the media's use of freelancers for staff.
7/9/2023	30:00	1675	With former Times Union Editor and current Upstate American, Substack columnist Rex Smith, Rosemary Armao, Investigative Journalist and Adjunct Professor at RPI and UAlbany, and WAMC News Director Ian Pickus. On this week's Media Project, Rosemary, Rex and Ian talk about how to cover the Supreme Court better, the potential impact of the new media platform Threads, the death of a 300 year old newspaper, and more.
7/16/2023	30:00	1676	With former Times Union Editor and current Upstate American, Substack columnist Rex Smith, Rosemary Armao, Investigative Journalist and Adjunct Professor at RPI and UAlbany, Judy Patrick, former Editor of the Daily Gazette and Vice President for Editorial Development for the New York Press Association, and Barbara Lombardo, former Editor of the Saratogian and Adjunct Professor at the University at Albany. On this week's Media Project Judy, Rosemary, Rex and Barbara talk about the New York Times getting rid of its sports news, the impact of media layoffs on the future of journalism , and more.
7/23/2023	30:00	1677	With former Times Union Editor and current Upstate American, Substack columnist Rex Smith, Rosemary Armao, Investigative Journalist and Adjunct Professor at RPI and UAlbany, Judy Patrick, former Editor of the Daily Gazette and Vice President for Editorial Development for the New York Press Association, and Barbara Lombardo, former Editor of the Saratogian and Adjunct Professor at the University at Albany. On this week's Media Project, Judy, Rosemary, Barbara and Rex talk about whether journalists should pay their sources, minimizing harm in reporting, and much more.
7/30/2023	30:00	1678	With Judy Patrick, former Editor of The Daily Gazette and Vice President for Editorial Development for the New York Press Association, Rosemary Armao, Investigative Journalist and Adjunct Professor at UAlbany, Barbara Lombardo, former Editor of the Saratogian and Adjunct Professor at the University at Albany, and WAMC News Director Ian Pickus. On this week's Media Project, Judy, Rosemary, Barbara and Ian talk about Twitter changing its name to X, when newspapers put ads on the front page, how the Barbie movie portrays journalism, and much more.
8/6/2023	30:00	1679	With 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, Rosemary Armao, Investigative Journalist and Adjunct Professor at UAlbany, and WAMC News Director Ian Pickus. On this week's Media Project, Judy, Rosemary, Rex and Ian talk about why so many people are now choosing to avoid the news, coverage of the latest indictment of former President Donald Trump, and more.
8/13/2023	30:00	1680	With 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, Rosemary Armao, Investigative Journalist and Adjunct Professor at UAlbany, and Barbara Lombardo,

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The Media Project

			former Editor of the Saratogian and Adjunct Professor at the University at Albany. On this week's Media Project, Judy, Rosemary, Barbara and Rex talk about an announcer for the Baltimore Orioles suspended for the telling the truth, whether people are becoming numb to the scandals surrounding former President Donald Trump, and more.
8/20/2023	30:00	1681	With 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, Rosemary Armao, Investigative Journalist and Adjunct Professor at University at Albany, and Barbara Lombardo, former Editor of The Saratogian and Adjunct Professor at the University at Albany. On this week's Media Project, Judy, Rosemary, Barbara and Rex talk about coverage of the tragic fire on Maui, a local newspaper in Kansas that was raided by police, Fox news coverage or non-coverage of the Trump indictments, and more.
8/27/2023	30:00	1682	With former Times Union Associate Editor Mike Spain, Rosemary Armao, Investigative Journalist and Adjunct Professor at the University at Albany, and WAMC News Director Ian Pickus. On this week's Media Project, Mike, Rosemary, and Ian talk about covering people who are vulnerable, whether former President Donald Trump's trials should be televised, and more.
9/3/2023	30:00	1683	With former Times Union Associate Editor Mike Spain, 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 the University at Albany. On this week's Media Project, Mike, Judy and Rosemary talk about Chat GPT and whether media organizations should use it, the misinformation surrounding the Maui wildfires and COVID, and much more.
9/10/2023	30:00	1684	With Rosemary Armao, Investigative Journalist and Adjunct Professor at the University at Albany, Daily Freeman Publisher Emeritus Ira Fufeld, former Times Union Editor, current Upstate American, Substack columnist Rex Smith, and Barbara Lombardo, former Editor of the Saratogian and Adjunct Professor at the University at Albany. On this week's Media Project, Rosemary, Ira, Rex, and Barbara talk about why people don't pay attention and believe good news anymore, whether media criticism is too harsh, and more.
9/17/2023	30:00	1685	With former Times Union Editor, current Upstate American, Substack columnist Rex Smith, Rosemary Armao, Investigative Journalist and Adjunct Professor at the University at Albany, Daily Freeman Publisher Emeritus Ira Fufeld, and WAMC News Director Ian Pickus. On this week's Media Project, Rex, Rosemary, Ira, and Ian talk about being truthful not neutral, Gannett looking for a Taylor Swift reporter, whether high school student reports can do for sports what AI can't, and more.
9/24/2023	30:00	1686	With former Times Union Editor, current Upstate American, Substack columnist Rex Smith, Rosemary Armao, Investigative Journalist and Adjunct Professor at the University at Albany, and WAMC News Director Ian Pickus. On this week's Media Project, Rex, Rosemary, and Ian talk about Rupert Murdoch stepping down from Fox, Donald Trump on Meet The Press, sports writing and how major college programs have their way with the media, and much more.



Volume 69: July-September 2023

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10-Sep-23	691123	Shark Nursery
17-Sep-23	691223	Losing Ice
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*catalog number indicates 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
7/2/2023	2:30	274	Venus is now at its very brightest, at magnitude -4.7, which makes beginners wonder what that means. If Venus is the most brilliant starlike object, what can we compare it with? Well, summer's brightest stars are magnitude zero and one, which makes them 100 times less luminous than Venus. The magnitude business started with an ancient Greek named Hipparchus, who assigned each star a different magnitude. Hear the buildup to using photometers and what how certain stars became visible with time.
7/9/2023	2:30	275	Venus is now at its very brightest, at magnitude -4.7, which makes beginners wonder what that means. If Venus is the most brilliant starlike object, what can we compare it with? Well, summer's brightest stars are magnitude zero and one, which makes them 100 times less luminous than Venus. The magnitude business started with an ancient Greek named Hipparchus, who assigned each star a different magnitude. Hear the buildup to using photometers and what how certain stars became visible with time.
7/16/2023	2:30	276	The demotion of Pluto to a "dwarf planet" sparked a public controversy partially due to Disney, who in 1931 gave the name of the new planet to his likeable cartoon dog that was originally called Rover. Anyway, astronomers keep meeting people who lament Pluto's disappearance even if most astronomers support it. With Pluto reaching its annual nearest point to Earth next Friday night, it's a good time to revisit this whole tempest.
7/23/2023	2:30	277	Mars now reaches its dimmest point of the year, so nobody's now observing the Red Planet. But many still think about it. As planning for human visits to Mars continues, researchers keep studying risk. As results accumulate from astronauts who've spent a long time on the ISS, astrobiologists grow more concerned about space travel's medical consequences.
7/30/2023	2:30	278	We're all on the lookout for nature's patterns. The most obvious are solar rhythms — like the recent solstice. Civilizations all paid attention to solar patterns because their food production depended on it. Next in line were the Moon's rhythms, mostly that its phases repeat every 29.5 days. This week we cover the rhythms of the universe!
8/6/2023	2:30	279	Here they come. Already the midnight sky is ablaze with three or four times more shooting stars than normal. Each night their numbers increase. Tune in to hear how the spectacle of the summer meteors has begun — and will keep intensifying until its peak Saturday night, August 12.
8/13/2023	2:30	280	This week we'll learn about Venus' ferocious winds, just how slow the planet spins, and how the carbon dioxide bubbling planet could perfectly line up with the Sun.
8/20/2023	2:30	281	The high sun's weather effects still linger. Winter's typical sheets of stratus clouds and overcast lie months in our future, while puffy. Convective cumulus clouds caused by rising pockets of warm air, are still the norm. And we still experience the fact that air's capacity to hold moisture is 10 times greater now than it is in early spring and fall. So, unlike the dry air we typically get in mid-September, late August can still bring muggy conditions.

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Strange Universe with Bob Berman

8/27/2023	2:30	282	Saturn wins the Miss Universe contest. For anyone who's ever seen it through a telescope, there are hardly any runners-up. Of course the big question is always where and when to look. Well, the when is right now, the next few weeks. The "where" is in the east early each night, and then in the south, in the constellation Aquarius.
9/3/2023	2:30	283	The moon now has its strangest appearance. Several nights this week the moon will be in a lunar phase, the only one whose shape is not universally known. Everyone can identify a crescent or half or the full moon. But now we have a gibbous moon. That's the phase fatter than half but smaller than full.
9/10/2023	2:30	284	This week our eyes face the most concentrated part of our Galaxy. If it's clear, and you're away from city lights, September's crisp air allows the Milky Way to emerge in all its glory. That's because our own galaxy's disk is now perpendicular to the horizon so that it crosses the entire sky and passes straight overhead.
9/17/2023	2:30	285	Neptune's single strangest feature are its bizarre winds, the fastest in the known universe, which blow with five times the speed of tornados. Tune in to hear about the blue, gassy planet, and how it is now at its brightest and closest of the year.
9/24/2023	2:30	286	The autumnal equinox is here. It means Earth is now angled sideways to the sun. Since neither pole is tipped toward the Sun, days and nights should be equal. The main equinox event, other than declaring it the start of fall, is that the sun rises exactly in the east and sets precisely in the west, not southeast or northwest or anything else. The Sun is now more accurate than any compass.