

WAMC National Productions
1st QUARTERLY ISSUES REPORT
January 1, 2024-March 31, 2024
Contact: Tina Renick trenick@wamc.org

Strange Universe with Bob Berman

DATE	TIME	SHOW #	TOPIC
1/7/2024	2:30	301	This will be a great year in the night sky, one of the best of our lives. So get ready to scrawl some stuff on your calendar. Tune in to hear what and when you can catch the biggest sky events of the year, including a very close conjunction between two of our favorite planets.
1/14/2024	2:30	302	Saturn wins the Miss Universe contest. For anyone who's ever seen it through a telescope, there are hardly any runners-up. Saturn's just a knockout, and even 60 power is plenty to show it well. Tune in for the best time to see the planet in action.
1/21/2024	2:30	303	According to the U.N., most of us live in cities rather than rural regions. The switchover arrived in 2007. Which brings up the rural night's main illumination - the Moon. We now know that lunar brightness doubles 2.5 days before Full Moon, which is a big deal if you need a little extra light to complete outdoor rural work. After all, a Half Moon is only a tenth as bright as a Full Moon, not enough to be fully useful.
1/28/2024	2:30	304	Do you still keep your old binoculars in the same drawer as your socks? And are you psyched to glimpse the green planet Uranus?
2/4/2024	2:30	305	Radiation penetrates our bodies 24/7. Most is natural, with background cosmic ray doses proportional to your home's elevation. These broken pieces of atoms zooming in from space, give you 30 millirems of annual radiation if you live near sea level, like in L.A. But you get much more if your home is up high. People in Denver get 80 millirems yearly.
2/11/2024	2:30	306	It'll soon be Valentine's Day, so what makes a great romantic gift? A book of poetry? A candlelight dinner? Excellent choices - but as a nightcap, there's nothing like a moonlight or starlit stroll. So if it's a very late date or if you and your beloved wake up just as morning twilight begins and gaze out an east facing window, the Morning Star will be totally, absolutely riveting, although very low. And look at that little orange star next to it - that's Mars, as if the male and female aspects of the heavens are dancing.
2/18/2024	2:30	307	Statistically, the year's coldest week is now nearly a month behind us. But it's still darn cold, which, in this world full of gray areas, reminds us of a single absolute we can count on. That take-it-to-the-bank certainty is absolute zero. Hear what weird things occurred when temperatures drop too low.
2/25/2024	2:30	308	Now that it's just six weeks before the great total solar eclipse on April 8, many are planning where they'll be, within the 150-mile-wide path of totality. Going online shows the eclipse path, and you must simply make sure you don't pick a spot near the edge of that ribbon, where the eclipse's length will be short. Tune in to hear the best eclipse viewing spots!
3/3/2024	2:30	309	Right now we're seeing the waning moon, the moon lit up on its left side. When you notice a moon in the blue sky in the morning, that's always the waning moon. And speaking of day sky, though it surprises a lot of people, the moon appears in the daytime just as much as it's out at night. Tune in to see where the moon is located in the sky.
3/10/2024	2:30	310	Now that the film "Oppenheimer" has earned awards, more people than ever are aware of the intense atmospheric nuclear bomb testing in the 1950's.

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3/17/2024	2:30	311	We can perceive more shades of green than any other color, but red is actually the universe's most common hue. Tune in this week to hear about the colors of the universe!
3/24/2024	2:30	312	The full moon will venture into part of Earth's shadow, bringing a lunar eclipse. But oddly enough, you won't see it.
3/31/2024	2:30	313	A few weeks ago came the puzzling discovery of a huge, fully formed galaxy at the edges of the observable universe. Since looking far into the distance means looking way back in time, thanks to the long interval it took for that galaxy's light to reach us, we're seeing one of the earliest galaxies. This week: The Big Bang.