

## FLYER 1: FOR SCIENTISTS, RESEARCHERS, AND TECHNICAL ALLIES

### PROTECT THE NATIONAL RADIO QUIET ZONE

A Critical Resource for World-Class Scientific Discovery

### THE NATIONAL RADIO QUIET ZONE IS AT THREAT

The National Radio Quiet Zone is a 13,000-square-mile protected region in West Virginia, Virginia, and Maryland that limits radiofrequency (RF) emissions to safeguard the Green Bank Telescope, and provide a refuge for humans and wildlife. [Protect the National Radio Quiet Zone](#) is an initiative to preserve and strengthen RF protections within the 10-mile radius of the Green Bank Observatory, ensuring it remains a refuge for science, health, and biodiversity.

### WHY WE MUST ACT NOW

- **Scientific Integrity at Risk:** The Green Bank Observatory depends on an exceptionally quiet radio spectrum to detect faint signals from deep space. The installation of nearby wireless infrastructure would introduce disruptive interference, compromising the telescope's sensitivity and jeopardizing decades of global scientific research.
- **No Reversibility:** Once RF noise contaminates the data, it cannot be undone. Research in radio astronomy, interstellar chemistry, and planetary defense would be seriously disrupted or halted altogether.
- **Silencing Future Discoveries:** The National Radio Quiet Zone offers an unparalleled environment for radio astronomy. Without continued protection, future generations of scientists will be permanently limited by interference that cannot be reversed.

### JOIN THE EFFORT

- **Join the Effort:** Visit [ProtectNationalQuietZone.org](https://ProtectNationalQuietZone.org) to explore the mission and learn more.
- **Support Legislation:** Help us amend West Virginia Code § 37A-1 to strengthen RF protections within a 10-mile radius of the Green Bank Observatory. [Subscribe here](#) to receive legislative updates and action alerts.
- **Donate Today:** Help sustain this campaign with a financial contribution. Your support fuels organizing, advocacy, and outreach to protect the Quiet Zone.

## FLYER 2: FOR PARENTS, FAMILIES, AND EDUCATORS

### PROTECT THE NATIONAL RADIO QUIET ZONE

Preserve Education, Wonder, and Discovery for Future Generations

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### WHY WE MUST ACT NOW

- **Educational Access at Risk:** The Green Bank Observatory depends on a quiet radio environment for hands-on learning and student research experiences. Increased wireless interference would undermine the quality of school visits, field programs, and youth science activities.
- **Loss of STEM Opportunity:** Green Bank provides rare, high-impact STEM experiences for students and families from across the country. If radio-quiet conditions degrade, these opportunities – especially those that inspire future scientists – will be significantly reduced.
- **A Lost Source of Wonder:** Few places allow children to witness real radio astronomy in action. If the Quiet Zone is compromised, future generations lose a truly irreplaceable source of curiosity and inspiration.

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## FLYER 3: FOR FUNDERS & LIKE-MINDED NATIONAL ALLIES

### PROTECT THE NATIONAL RADIO QUIET ZONE

Defend a Globally Significant Scientific and Environmental Treasure

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### WHY WE MUST ACT NOW

- **Severe Reactions to RF Changes:** Many residents in and around Green Bank depend on the Quiet Zone because even small increases in wireless radiation can trigger intense, debilitating reactions for those living with Electromagnetic Radiation Syndrome (EMR-S). Any rise in RF levels threatens to destabilize the daily functioning of people who are extremely sensitive to exposure.
- **A Rare Chance at Normal Life:** For people with EMR-S, Green Bank offers something almost nowhere else can — the ability to participate in community life, run errands, attend local events, and simply exist in public spaces without constant physical pain. Weakening RF protections would strip away one of the only places where individuals with EMR-S can experience a semblance of normalcy.
- **Nowhere Else to Go:** Many families moved here because it is one of the last places in America where people with EMR-S can live safely. If RF levels rise within the 10-mile radius, these residents will have no alternative refuge. Losing the Quiet Zone would mean losing the only environment where their health, stability, and basic quality of life are possible.

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## FLYER 4: FOR LOCAL DEFENDERS WITHIN THE 10-MILE RADIUS

### PROTECT THE NATIONAL RADIO QUIET ZONE

A Resource Worth Defending — For Your Homes, Land, and Future

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### WHY WE MUST ACT NOW

- **Protect Your Land & Way of Life:** Residents within the 10-mile radius have long preserved the quiet, rural character that makes this region unique. Increased RF emissions — and the infrastructure that follows — threaten property values, landscapes, and community identity.
- **Local Control at Stake:** Once RF interference increases, protections weaken and outside interests gain more power over local land-use decisions. Without strong Quiet Zone safeguards, residents lose the ability to determine what happens in their own backyard.
- **A Rare Community Asset:** The Quiet Zone provides research jobs, tourism, dark skies, and a peaceful environment unmatched anywhere else in the country. Once compromised, it cannot be restored.

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