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The Green Bank Observatory Piktograph

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The Green Bank Observatory



History

Sixty years ago, on October 17, 1957, there was a groundbreaking ceremony in Green Bank, West Virginia, to dedicate that particular area to the research of the radio telescope. In less than a year, the very first telescope, the "Tatel Telescope," was built. Standing 85 feet tall and weighing 210 tons, this telescope was the very first radio telescope ever built. Since that time, the Observatory has expanded and grown in a variety of ways, becoming a large contribution to the field of astronomy in the United States.



Telescopes

- Green Bank Telescope
- 140 Ft Telescope
- 20 M Telescope
- 40 Ft Telescope
- 300 Ft Telescope
- 45 Ft Telescope
- Tatel Telescope
- Reber Telescope

"Its huge collecting area is what allows us to see these incredibly small energies that we're trying to study. The types of energies we look at are less than the energy of a single snowflake falling on the earth."

-Karen O'Neil, Green Bank Observatory Director



RESEARCH

- Originally was meant for graduate students to come do research
- Now opened its doors to young scientists and students
- Provides bunks for students (of all ages) to come and spend the night to learn about and study the telescope
- Offers internships and summer camps for young researchers

Check out the Green Bank Website for more information:
<http://greenbankobservatory.org/>

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