

Karl G. Jansky Very Large Array



National Radio
Astronomy
Observatory

www.nrao.edu



Please follow these RULES:

- Take as many photographs as you like!
- When visiting the VLA, please have all electronic devices (cell phones, tablets, or anything else with an “On/Off” switch) in airplane mode and powered off. If you plan to use your electronic device to take photographs, you may briefly turn them on (while in airplane mode) to take your pictures, and then power your device off again once you’ve done so. Please turn all WiFi and Bluetooth devices off as well.
- Feel free to bring your leashed pets on the tour path, but do clean up after them.
- Be alert for trucks and cars as you cross the roads.
- Do not leave the designated paths, routes, or display areas. Venomous snakes and other dangers may lie hidden.
- Do not enter the fenced enclosures or any buildings other than the Visitors Center (or the Activities Building, on special event days).
- Use the trash and cigarette receptacles provided.
- Be aware that you are at 7,000 feet elevation here.
- Feel free to come back again! You are welcome on the paths from 8:30 am until dusk every day. Note that the VLA Gift Shop is open daily 9:00 AM to 4:00 PM, and is closed Thanksgiving, Christmas Eve, Christmas Day, New Years Eve, and New Years Day.



Walking Tour Stops:

1. WELCOME to the Karl G. Jansky Very Large Array Walking Tour
2. What is the Very Large Array?
3. Bracewell Sundial
4. Are those antennas part of the VLA?
5. How does a VLA antenna work?
6. How big is a VLA dish?
7. Who uses and runs the VLA?
8. What are radio waves?
9. What does the VLA do? Radio Universe Gallery
10. Why is the VLA out here?
11. What is inside a VLA antenna?
12. Why is the VLA so very large?
13. What happens in this building?
14. Why do we need a supercomputer?
15. Shiva: Shiwana
16. What happens in this barn?