

The Radio JOVE Project

Overview

Radio JOVE is a hands-on educational activity that brings the radio sounds of Jupiter and the Sun to students, teachers, and the general public. This is accomplished through the construction of a simple radio telescope kit and/or the use of a real time radio observatory on the Internet. Our website (<http://radiojove.gsfc.nasa.gov>) contains science information, instruction manuals, observing guides, education resources, etc. for students and teachers.

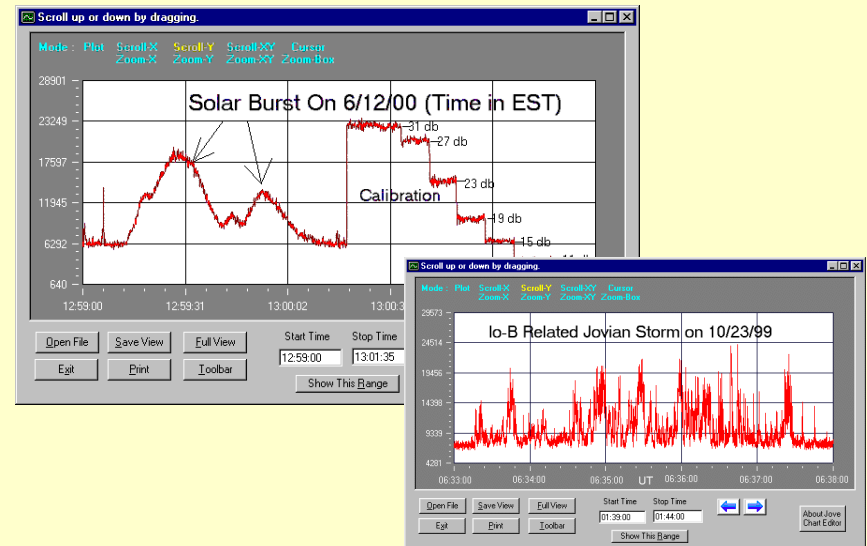


Who can use Radio JOVE?

- High School science classes
- College science courses or laboratories
- Middle school classrooms
- Interested individuals

Goals

- Educate people about planetary and solar radio astronomy, space physics, and the scientific method
- Provide teachers and students with hands-on radio astronomy exercises as a science curriculum support activity
- Enable access to an on-line radio observatory that provides real-time data via the Internet
- Allow interactions among participating schools by facilitating exchanges of ideas, data, and observing experiences



Purchasing Kits

Radio JOVE complete kit: \$125.00.

Costs for tools, antenna support materials, and a compatible recording device could be as much as \$130.00 extra if they need to be purchased.

Order forms: <http://radiojove.gsfc.nasa.gov>