



Jupiter

Have you heard it?

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



Voyager 2 Image

Io with volcanic plume, Voyager 1 Image



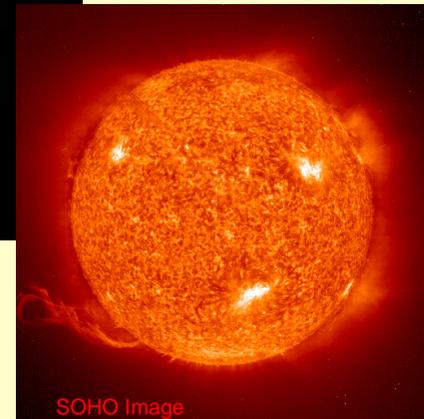


Project Radio JOVE

Learning Science by Listening to
the All-Natural Jupiter and Solar
Radio Stations



Voyager 1 Image



SOHO Image

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.

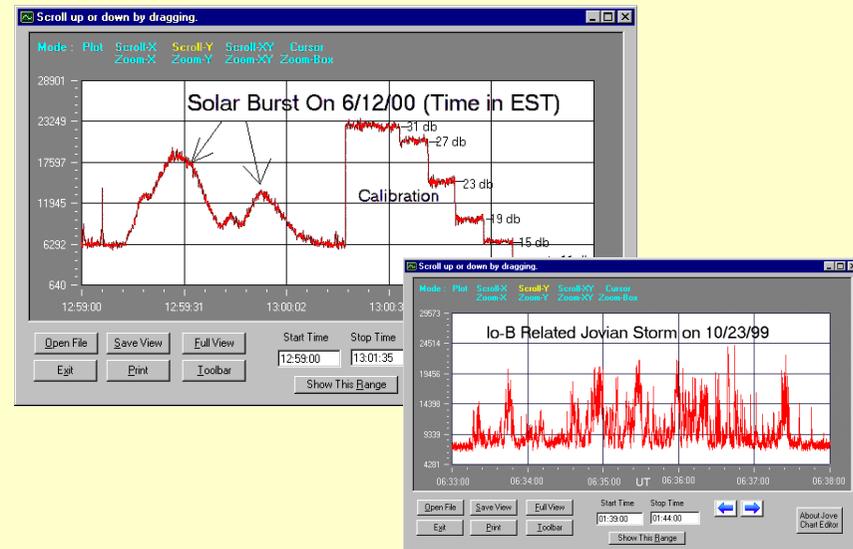


Who can use Radio JOVE?

- 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.

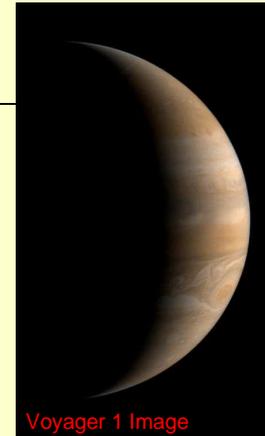
Costs for tools, antenna support materials, and a compatible recording device could be as much as \$130.00 extra if they need to be purchased.

Kits can be ordered at: <http://radiojove.gsfc.nasa.gov>

The Radio JOVE Project

JOVE Team

- NASA
- Raytheon
- University of Florida
- RF Associates
- The INSPIRE Project, Inc.
- Radio-Sky Publishing
- U. of Hawaii, Windward Community College



For More Information

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

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