A short overview of the Radio Jove Data Archive

Why Submit to the RJ Archive?

- Confirms your results and those of others,
- Teaches new observers what to look for and,
- See your data, the result of your hard work, posted online

The data archive is useful to help other observers compare and confirm their observations. This is very helpful to the novice trying to identify Jupiter and solar radio emissions. It will be helpful to the larger scientific community for long-term studies.

RJ Archive statistics

One of the goals of the Radio Jove project from the start, the archive went live in 2002 with files going back to 2000.

Objects Observed	# of observations (as of May 2014)
Sun	4970
Jupiter	1464
Galaxy	33
"Interference"	28

File Type	# of files (as of May 2014)
Images	5,890
Radio-SkyPipe	3,736
Text	906
Sound	897

For a single observation there might be multiple file types uploaded.

The archive has holdings from 2000-2014. This shows the current Radio Jove archive data listings as of May, 2014.
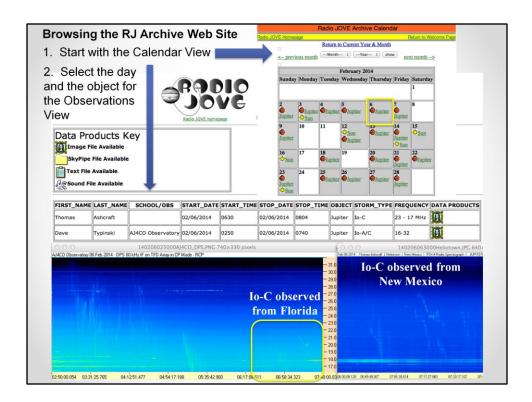
Two Ways to Explore and Upload to the RJ Archive

- The web site enables users to browse and upload images, sounds, and text files.
- Both the web site and Radio-SkyPipe also enable browsing and uploading of Radio-SkyPipe files (*Jim Sky's Radio-SkyPipe talk provides details*).
- Uploads require a username/password – contact Leonard.N.Garcia@nasa.gov for access.

To add your data to the archive, you can upload your files, images, etc. via the website. Contact Leonard Garcia to gain access. Another useful way to upload data is by using Radio-Skypipe software that links to the archive site. See Jim Sky's talk for more information.

Here is a couple of screenshots of the archive. The calendar view shows what type (Jupiter or solar) of files are listed for each date. Selecting a target brings up a list of all observations made on that day as well as the types of data available. The bottom graphs are example spectrogram files showing Jupiter Io-C emission observed at two locations simultaneously.