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## MAST: Barbara A. Mikulski Archive for Space Telescopes

The MAST Portal lets you search multiple collections of astronomical datasets all in one place. Use this tool to find astronomical data, publications, and images.

Note: This site uses cookies in order to monitor feature usage, track user preferences, and provide authentication for some services. By using this site you consent to the use of cookies for such purposes.

#### What's New

JWST Instrument metadata have changed. Now, the complete configuration is specified; for example, an Observation previously labeled "MIRI" might now be labeled "MIRI/IMAGE." This update brings JWST metadata in line with HST and allows for greater specificity in your search. See the JWST Instrument Names page for a full list of configurations.

Data from FIMS-SPEAR, a joint Korean-US UV satellite, are now available in MAST. In addition to its invaluable spectral maps of the UV sky, FIMS-SPEAR has paved the way for us to ingest new cubesat, balloon, and small-rocket missions. Stay tuned as we add more of these missions to our collection!

You can now access the PLATO MAST Catalog using the API or catalog search form.

#### **Data Retrieval Notes**

- MAST FTP: Starting October 25 2021, the MAST FTP server archive.stsci.edu will no longer support unencrypted FTP connections. Only encrypted FTPS will be supported. Read more about this change and some related FAQ on the MAST FTP Service page.
- Auth.MAST Authentication: New authentication mechanism for accessing exclusive access data via cURL or Astroquery. Please visit https://auth.mast.stsci.edu for authentication needs or view the tutorial video.
- · Access MAST Programmatically: with Astroquery or the general API.

#### Release Notes

MAST Portal software release notes.

### **Upload Targets Quick Start:**

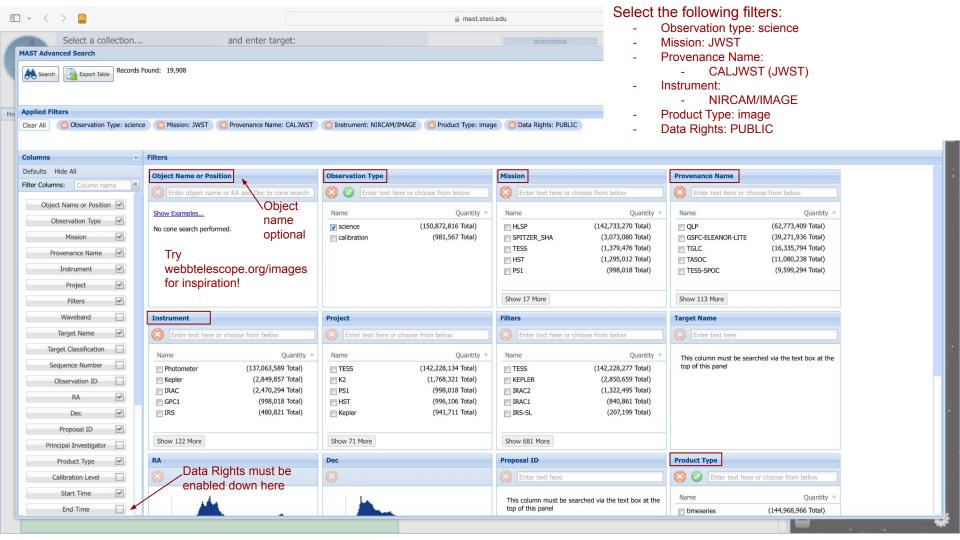
#### Currently available data collections:

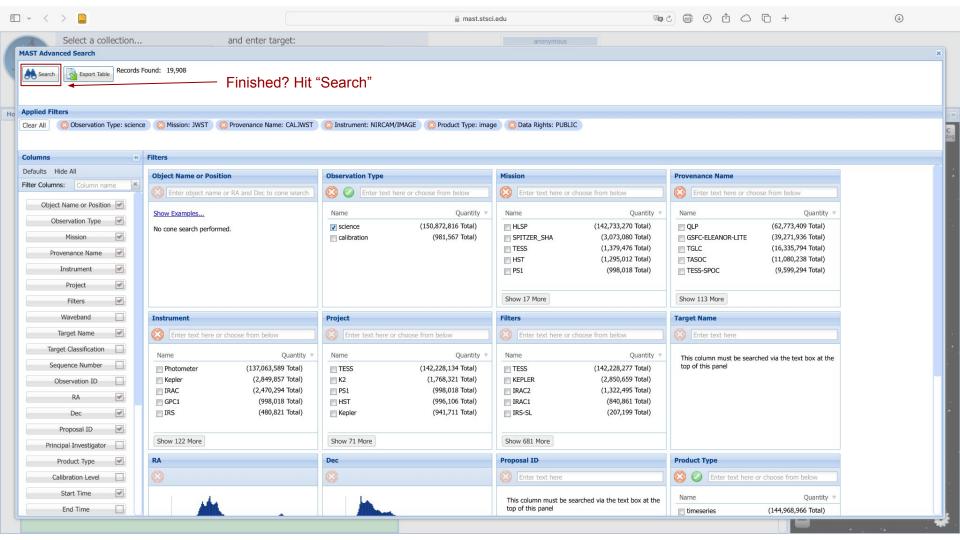
- MAST Observations: Millions of observations from JWST, Hubble, Kepler. GALEX, IUE, FUSE, and more.
- · Virtual Observatory: Search thousands of astronomical data archives from around the world for images, spectra, and catalogs.
- Hubble Source Catalog: A master catalog with a hundred million measurements of objects in Hubble images.
- . MAST Catalogs: Access to catalog data such as Gaia and TESS Input Catalog, with more coming soon.

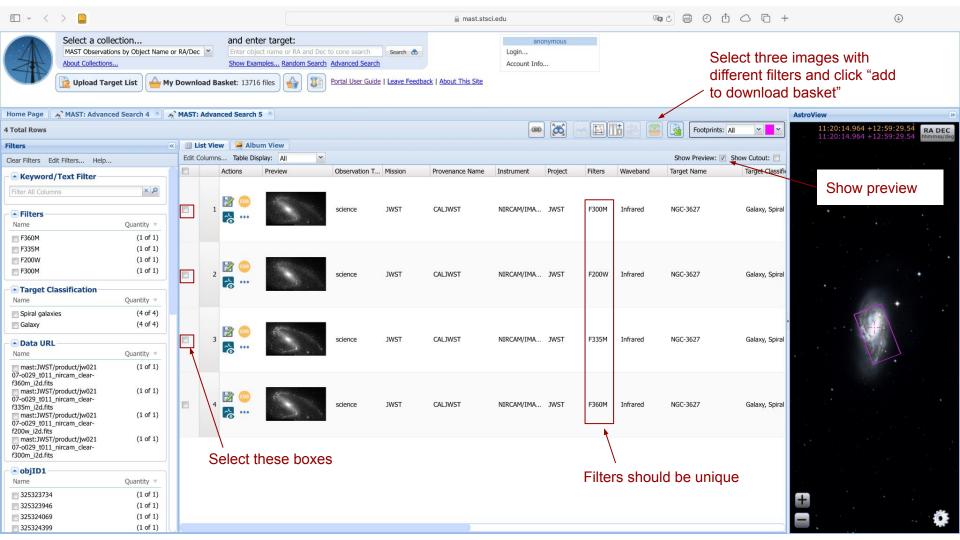
Featured tutorial: Using Auth.MAST, MAST's authorization token system.

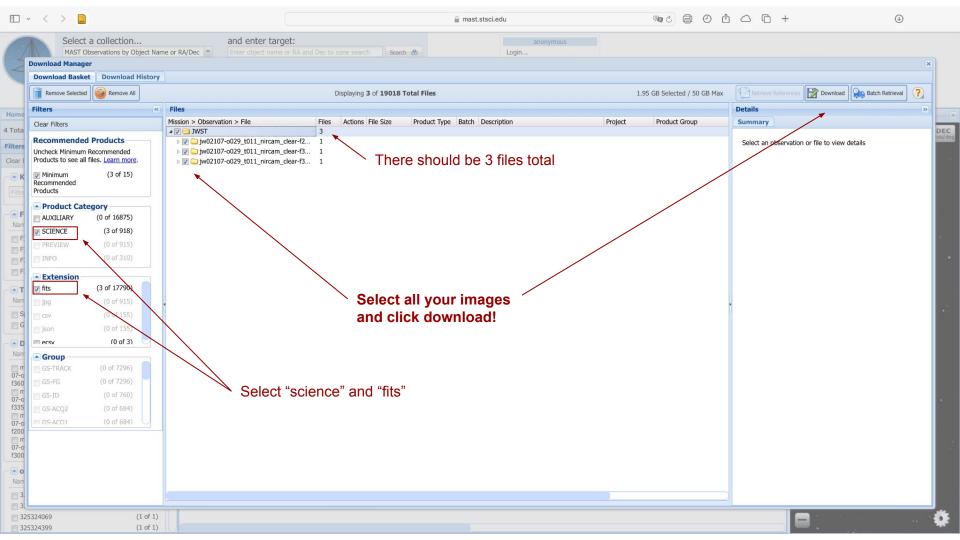


See all video tutorials on the MAST YouTube channel.







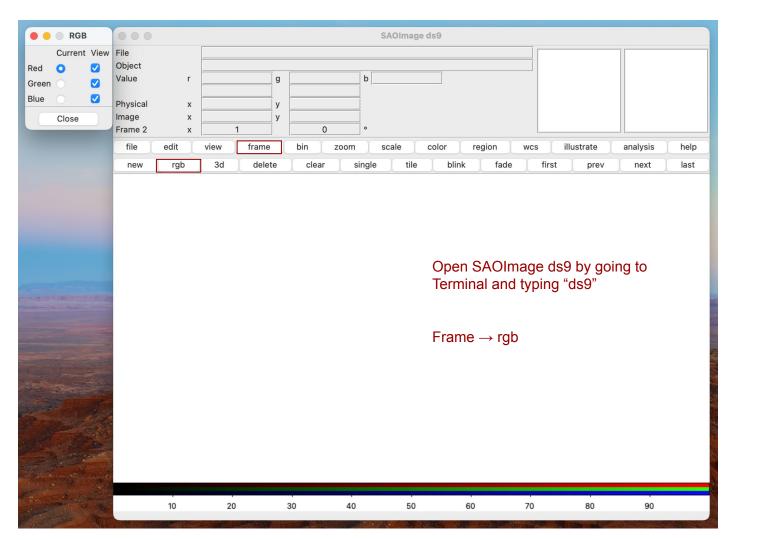


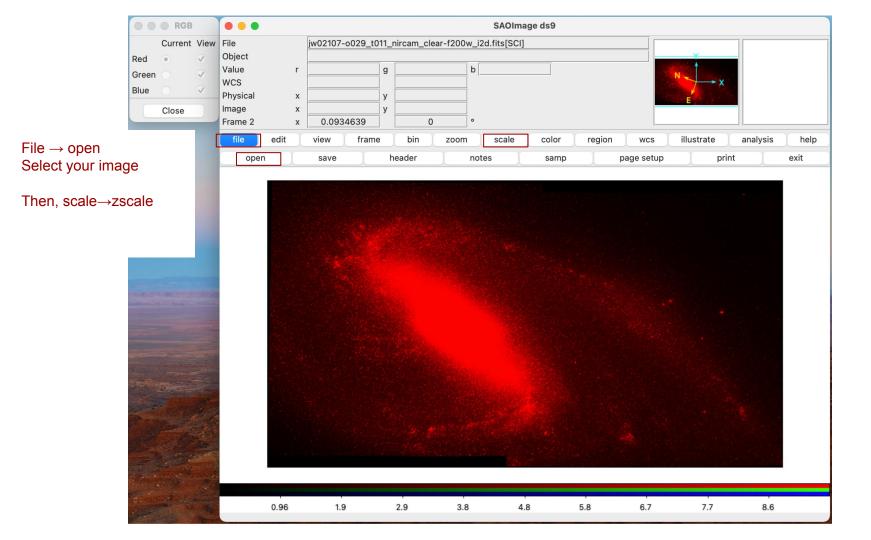
# Make sure the images have downloaded

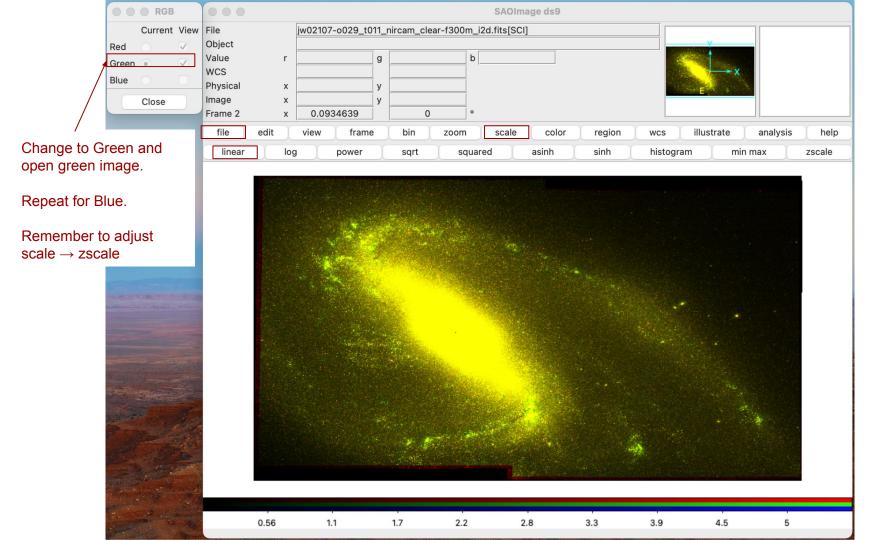
On Firefox, look for the button by the search bar to allow downloads/pop-ups from the website.

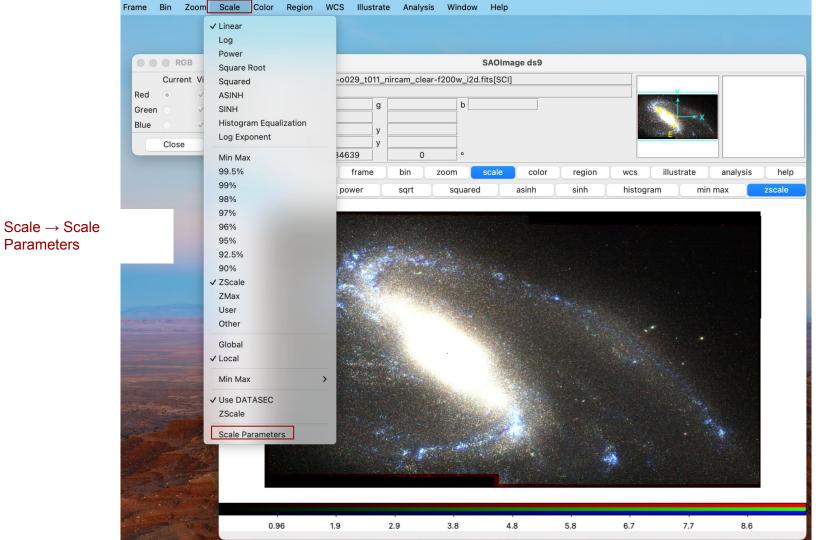
The file should save to downloads as a .zip file.

Then, open your file manager and unzip the folder.









**Parameters** 

