Cloud Browse

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Team

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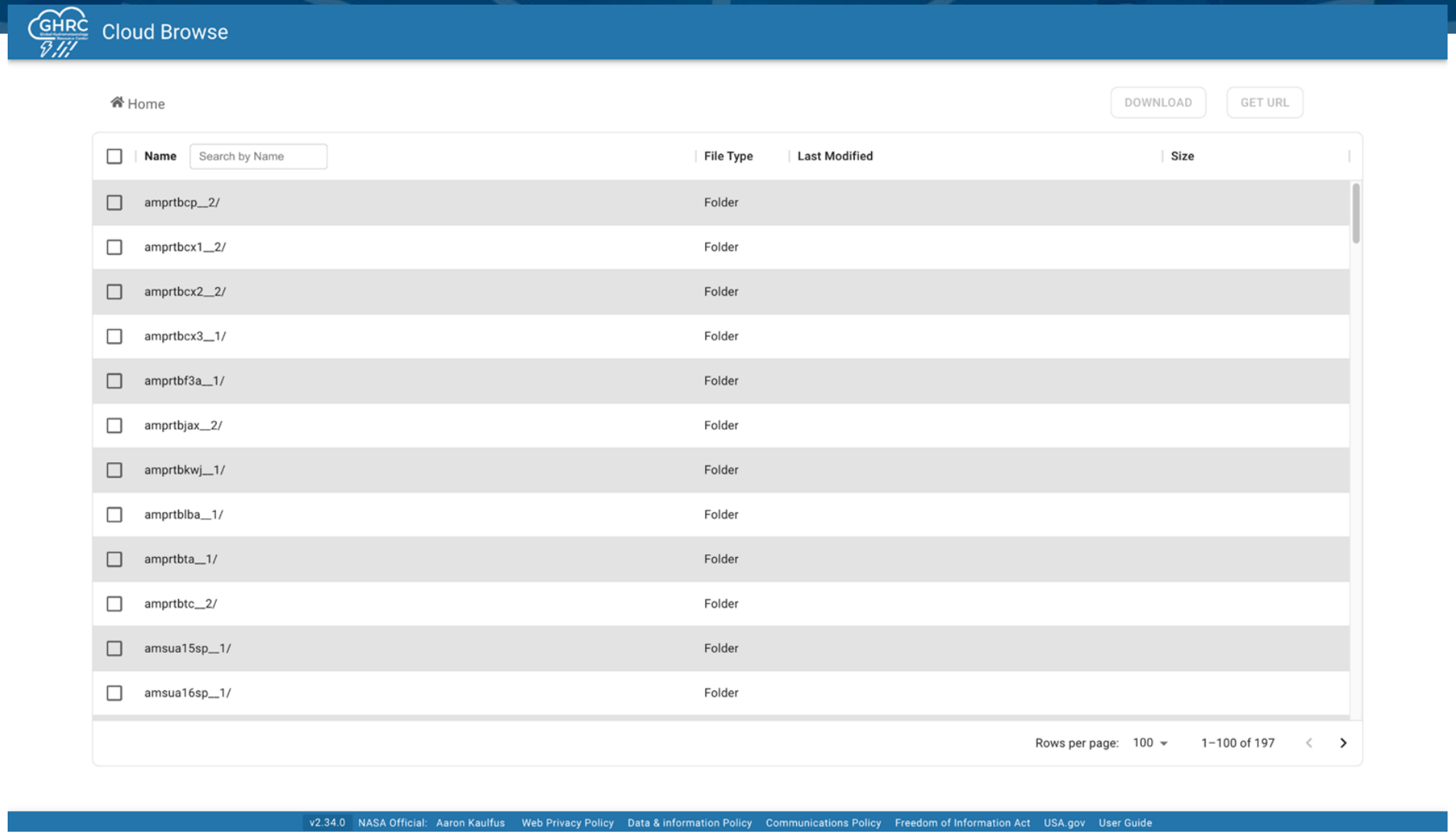
Cloud Browse

- For seamless access to unauthenticated Browse images and supporting documents (User guides)
- Served from S3 buckets
- With functionalities encompassing image and document download, multi-select capability, printing options, and an interactive viewer equipped with search functionality
- Dashboard (website) is build with ReactJS and S3 List API (a structured directory format through a table view)
- Ongoing Open Source paperwork

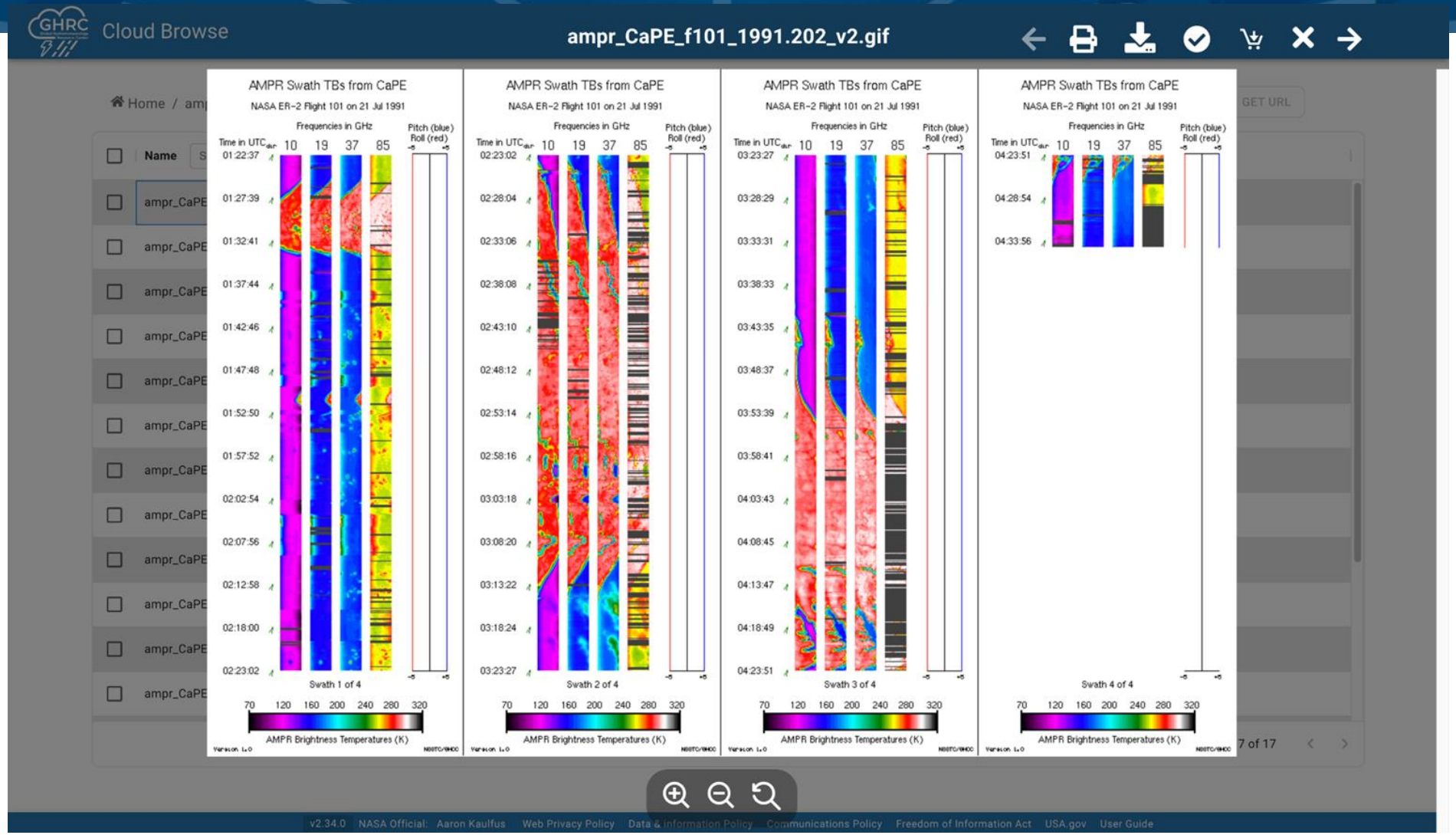
- https://ghrc.earthdata.nasa.gov/browseui

- https://github.com/ghrcdaac/browseui

Cloud Browse



Cloud Browse



A Look Back on Accomplishments

FY23 Highlights

- **New Features**
  - APIs and Filter.
  - Image and Doc Viewer.
  - New header and footer.
  - File Zipping and download.
  - Text based search filter.
  - Get multiple source link for Browse Image files.
  - User experience enhancing tools like Print page, Zoom in/out, Search within the document, and file multi-select.

Current and Future Activities

- **Continuation token usage**
  - Currently, API limits 1K items, several datasets has more than 5K files
  - Implement the token to paginate the API and get more files
- **Advanced Filters**
  - Currently supports, text-matching filter, useful to have filters based on date and time

Live Demo!

https://ghrc.earthdata.nasa.gov/browseui

THANK YOU!

QUESTIONS?