

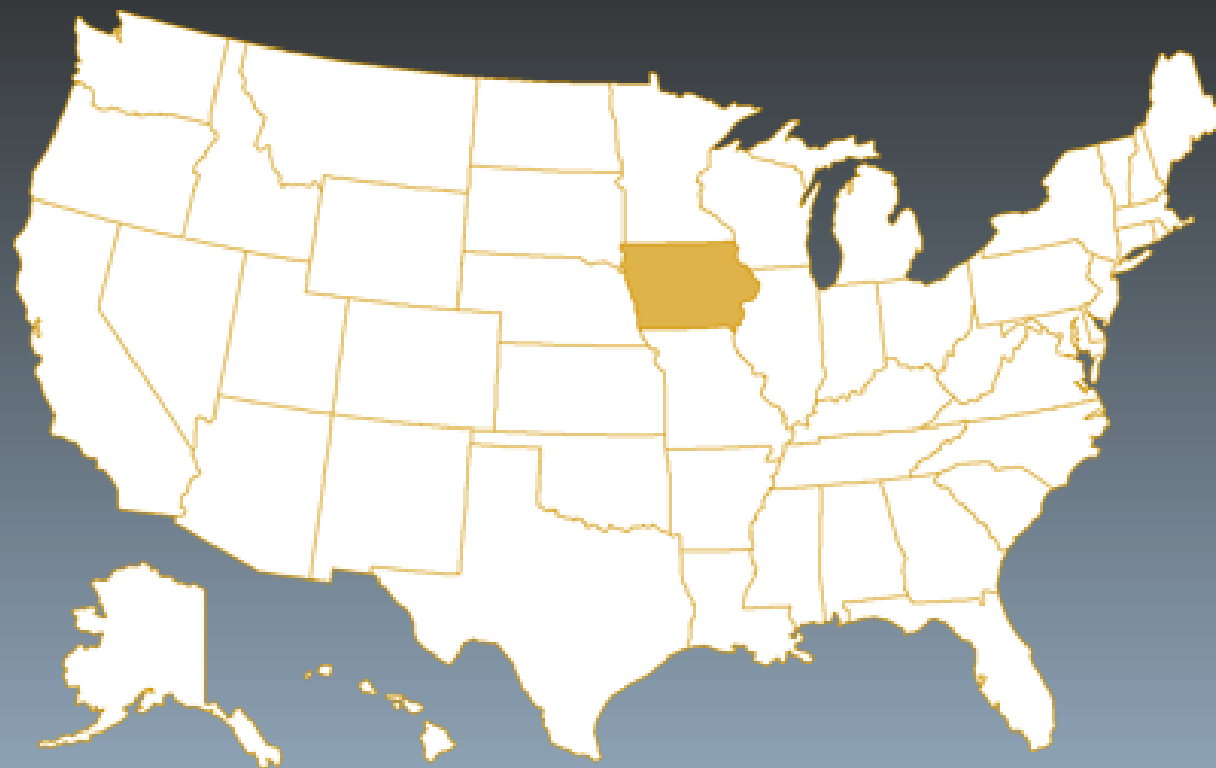
A shot in the dark:

Stewarding early
space data at the
University of Iowa

Emily Frieda Shaw
Digital Preservation Librarian
[@emilyfshaw](#)

Image credits: University of Iowa Special Collections and University Archives





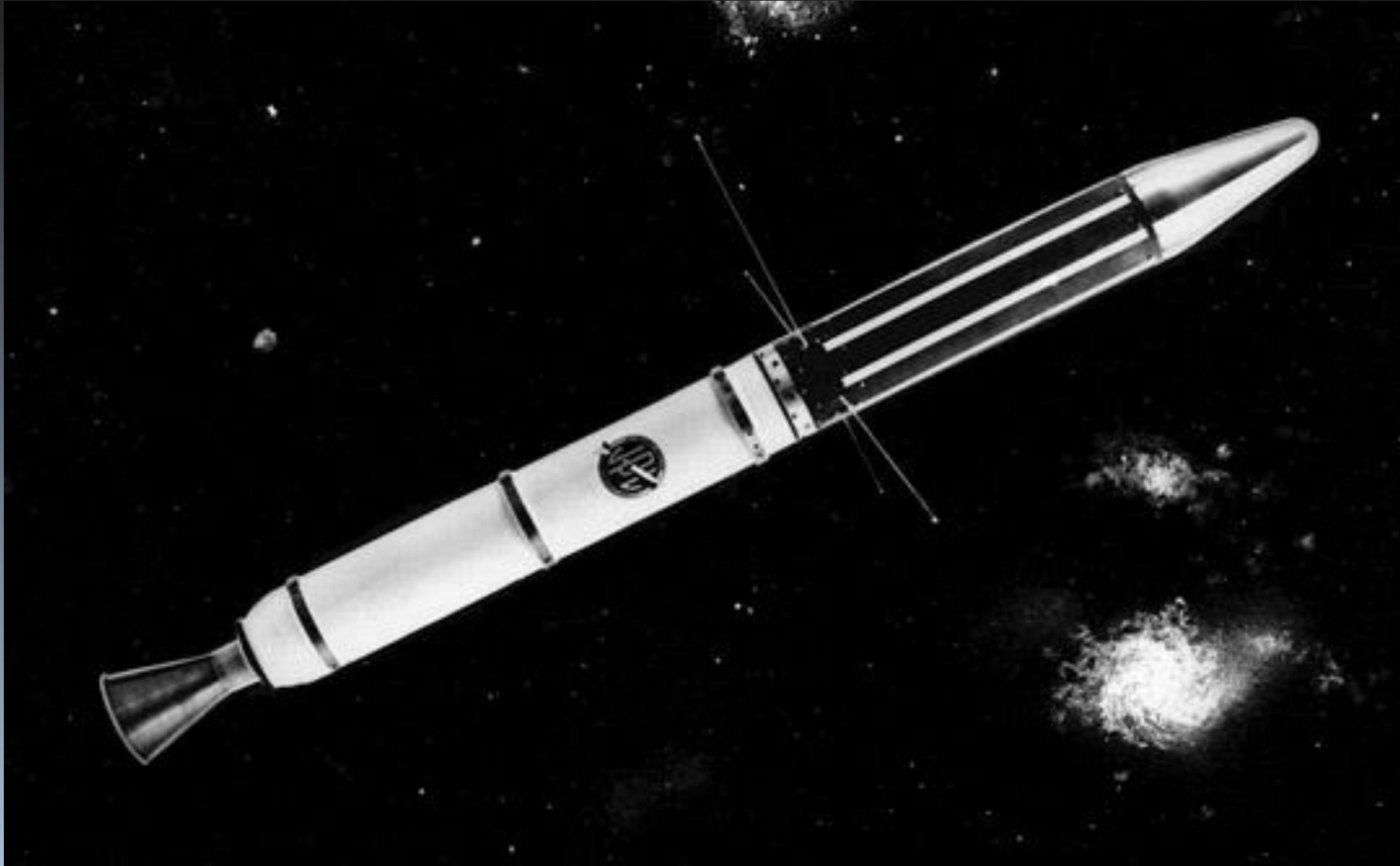


Image credits: University of Iowa Special Collections and University Archives



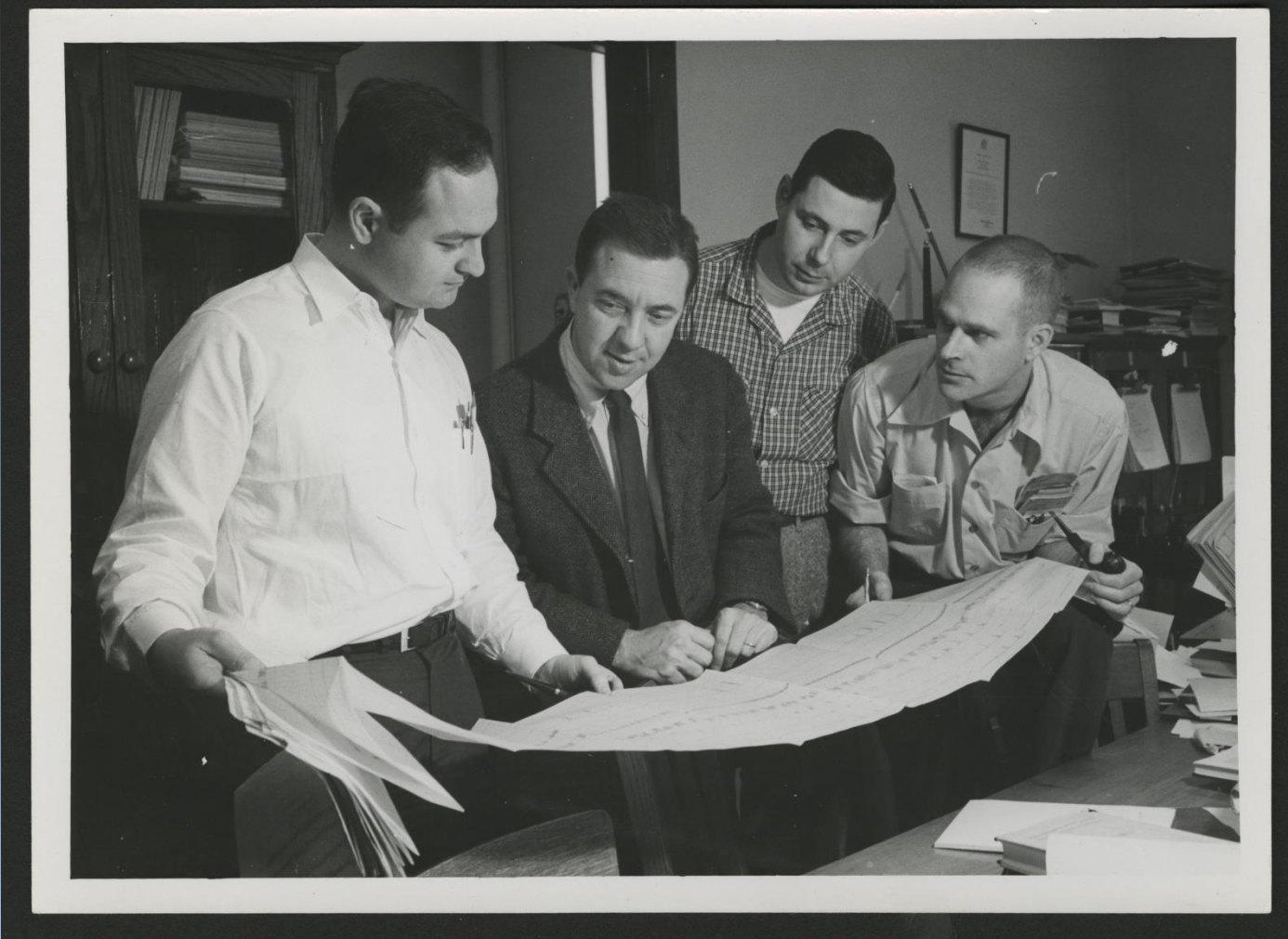


Image credits: University of Iowa Special Collections and University Archives

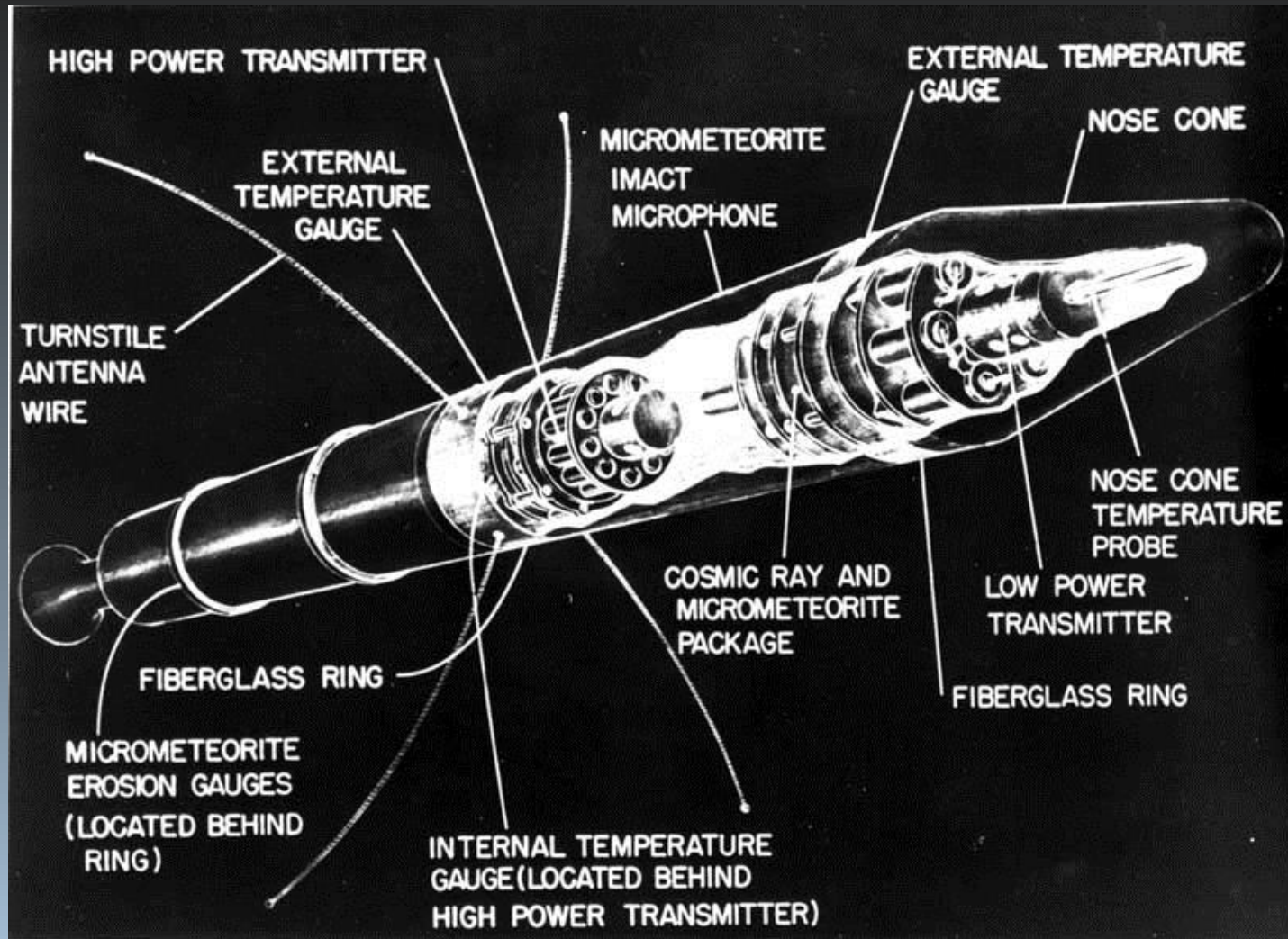




Image credits: University of Iowa Special Collections and University Archives

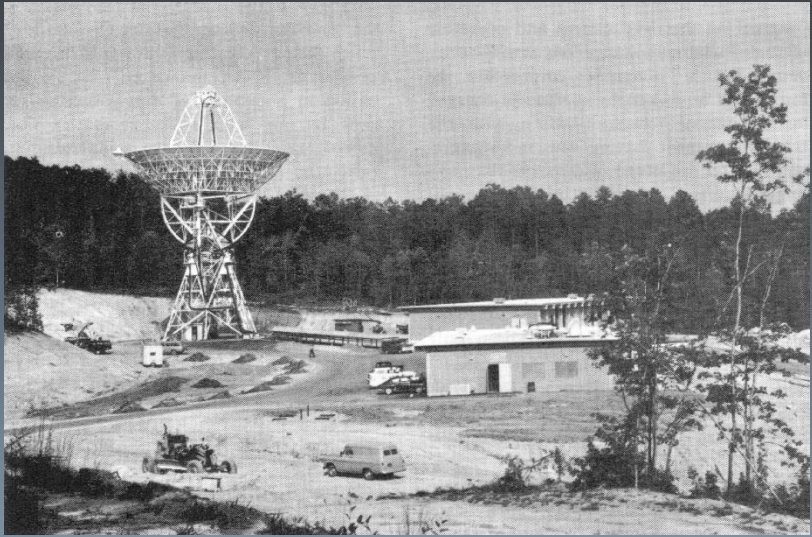
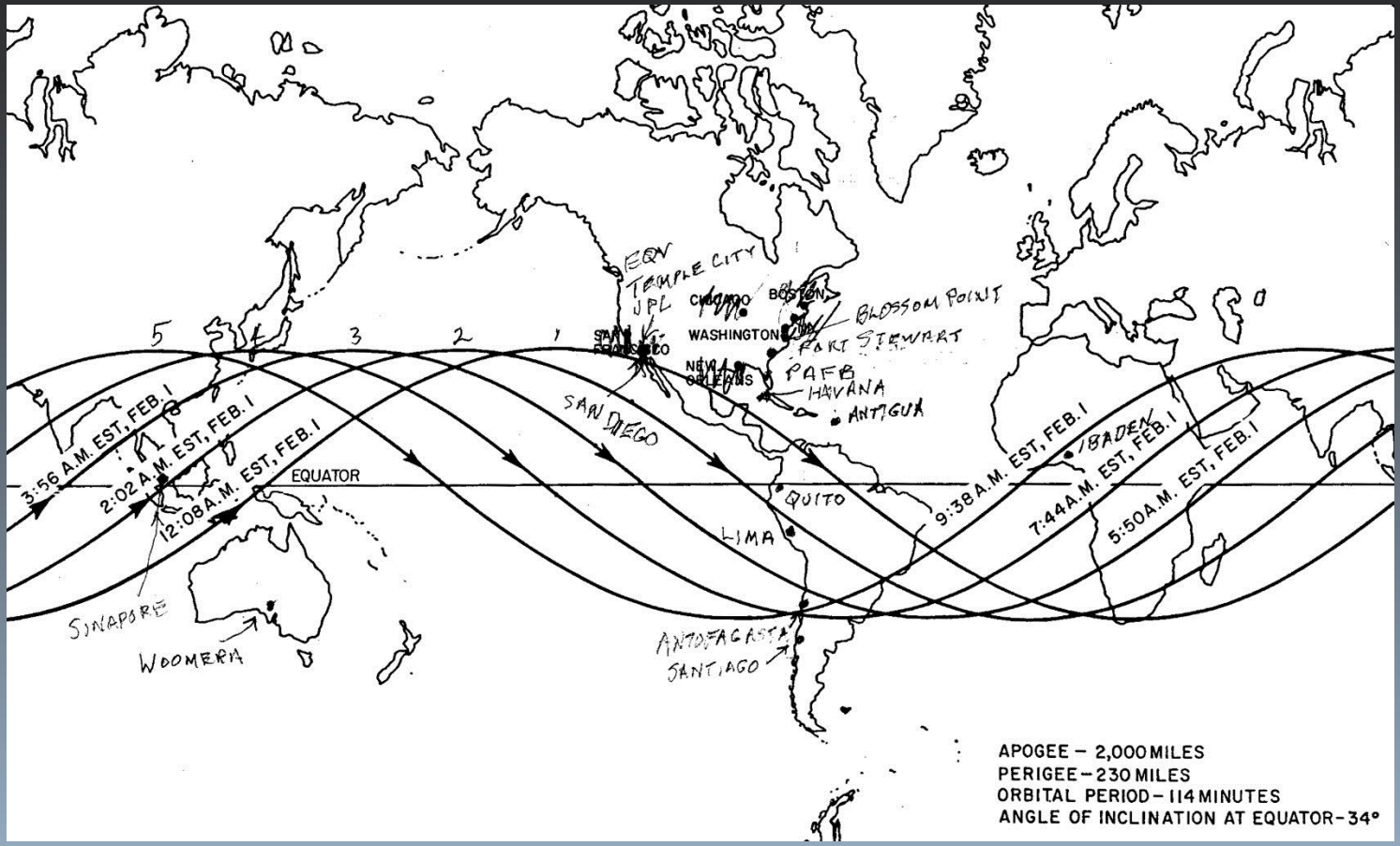


Image credits: University of Iowa Special Collections and University Archives





Recording Serial No. F-183

SCOTCH TAPE RECORDING LOG

Date made 12th 1958 Time of start 0817 Time of stop 0820

Recorder Make Apex Model F1660 Serial No. _____

Tape Speed 30 in

Time recorded _____

Track (P - Repeat)
(R - Reverse)

| | | |
|---|-------------------------------------|---------------------------------|
| 1 | <input checked="" type="checkbox"/> | Deleted Signal Concentrated Sig |
| 2 | <input checked="" type="checkbox"/> | Scarc Sig |
| 3 | <input checked="" type="checkbox"/> | Deleted Sig |
| 4 | <input type="checkbox"/> | Vacc |
| 5 | <input type="checkbox"/> | 10K |
| 6 | <input type="checkbox"/> | Blank |
| 7 | <input type="checkbox"/> | Time |

Notes _____

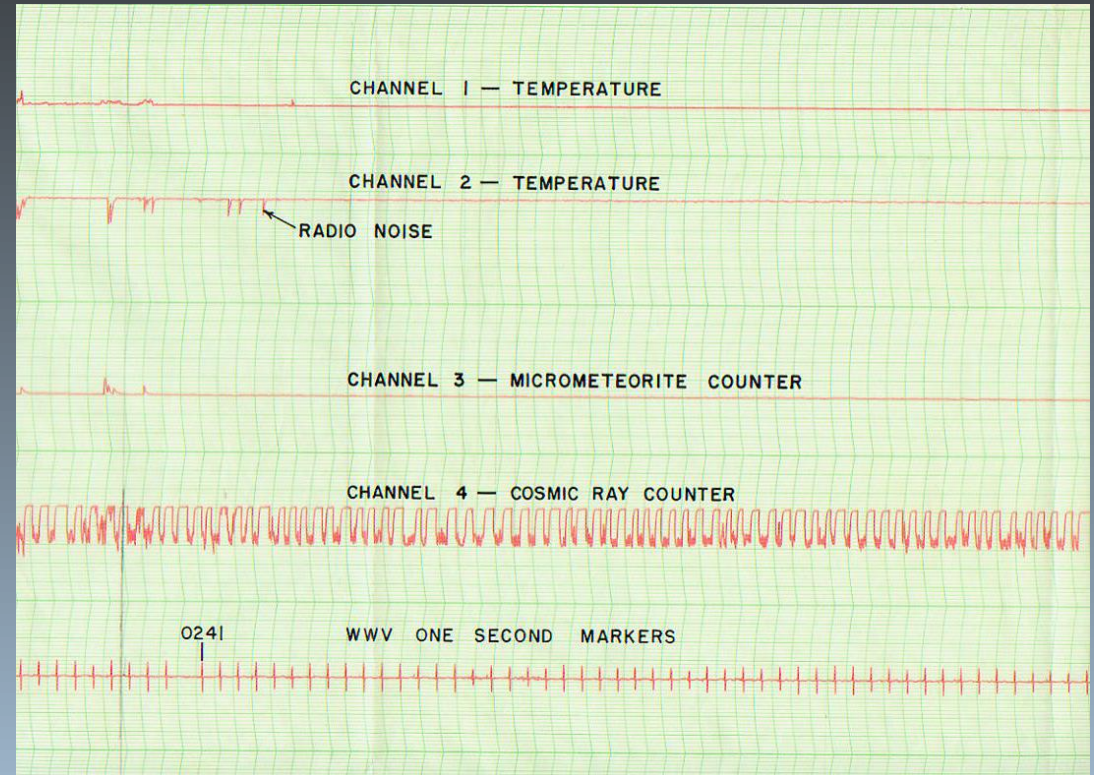
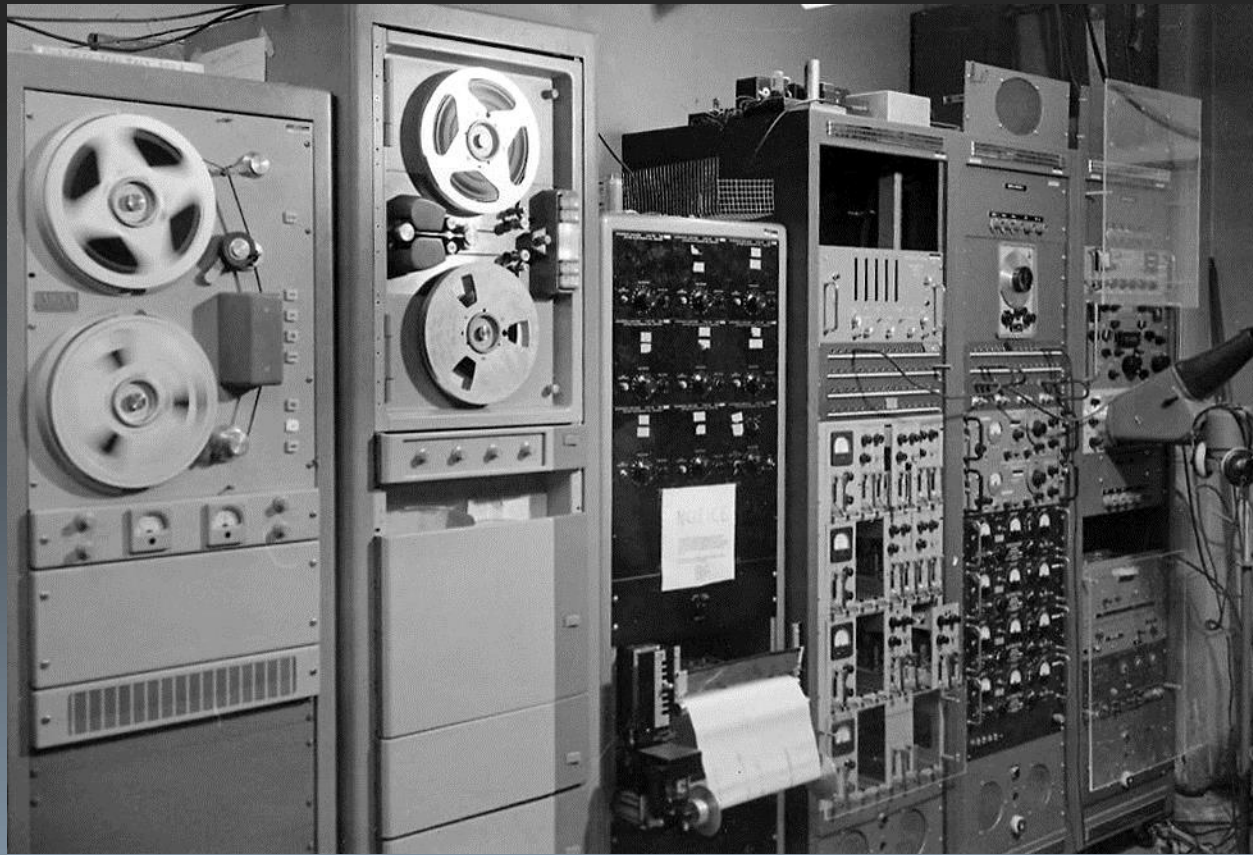




Image credits: University of Iowa Special Collections and University Archives

VAN ALLEN RADIATION BELTS

INNER VAN ALLEN BELT

OUTER VAN ALLEN BELT



561-479

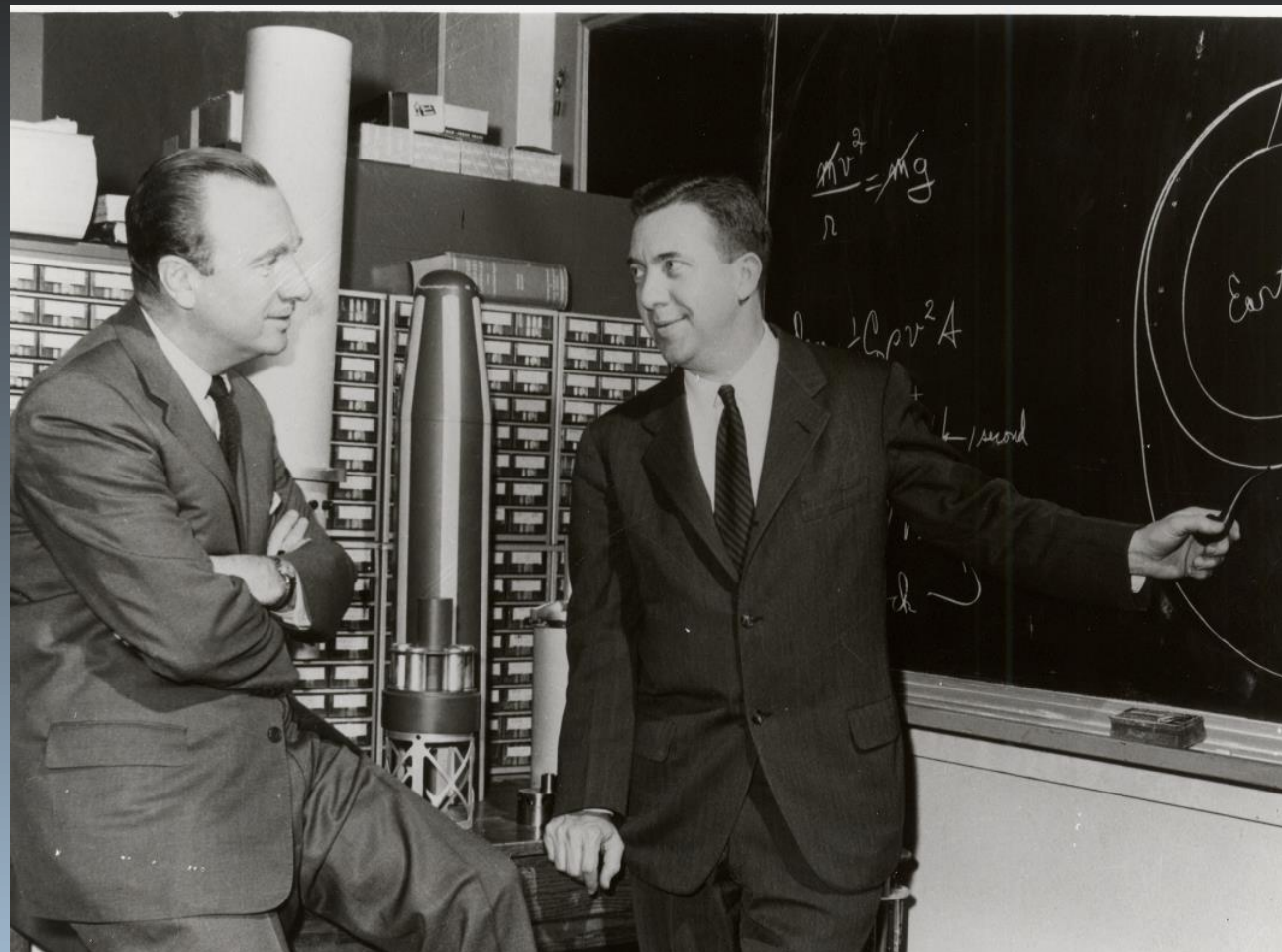


Image credits: University of Iowa Special Collections and University Archives

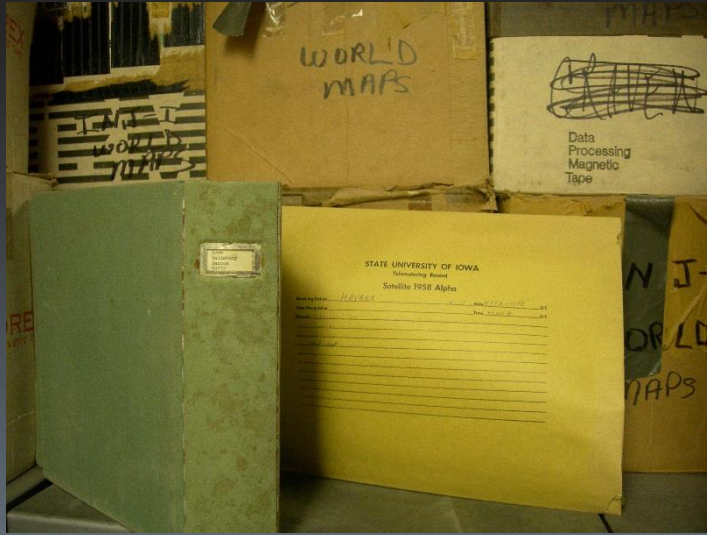


Image credits: University of Iowa Special Collections and University Archives



Image credits: University of Iowa Special Collections and University Archives

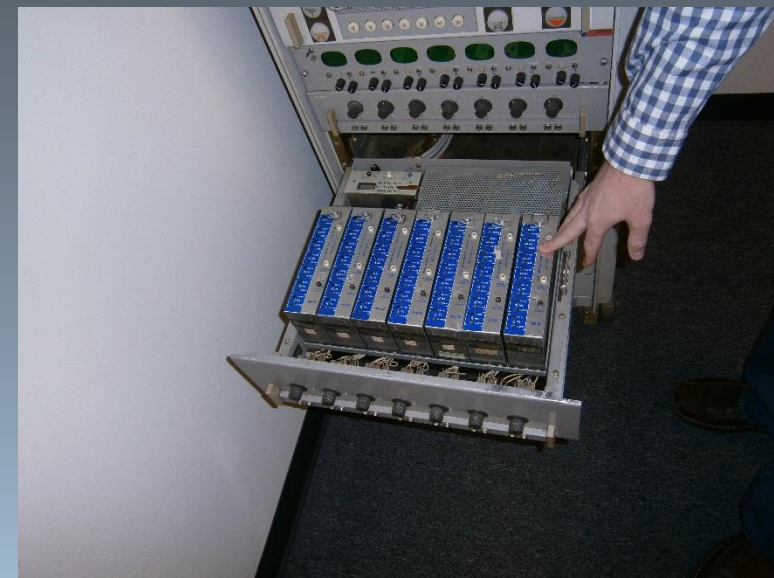


Image credits: University of Iowa Special Collections and University Archives



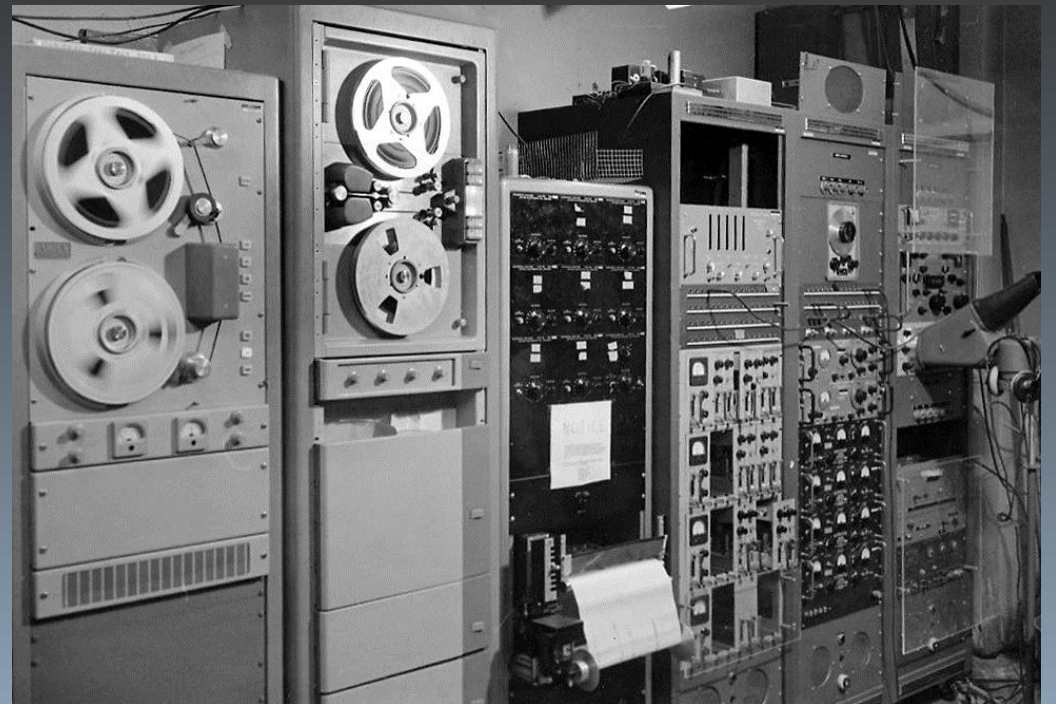


Image credits: University of Iowa Special Collections and University Archives



Space Physics Data Facility

+ SPDF HOME

+ DATA & ORBITS

+ ModelWeb at CCMC

+ SCIENCE ENABLED

+ AND MORE

What is Common Data Format (CDF)?

- Self-describing data format for the storage of scalar and multidimensional data in a platform- and discipline-independent way
- Scientific data management package (CDF Library) allows application developers to manage these data arrays
- Transparent access to data and metadata through Application Programming Interfaces (APIs)
- Built-in support for data compression (gZip, RLE, Huffman) and automatic data uncompression
- Large file support (> 2GBytes)
- CDF library includes [a suite of tools](#) that allow users to manipulate CDF files
- Provide read/write interfaces for C, Fortran, Java, Perl, C#/Visual Basic, IDL, MATLAB (and user-supplied software, e.g., Python, Sybase, MySQL)
- More [Frequently-Asked Questions \(FAQ\)](#)

[Download the latest released version (V3.5.0.2)]

Please email gsfc-cdf-support@lists.nasa.gov with any CDF-related questions (both technical and policy-related).

Example external CDF visualization tool: [Autoplot interactive browser](#)

Announcements

- **2014/03/31** ^{NEW}: CDF version [V3.5.0.2](#) is released. For the new **TT2000** data type, read our [requirements analysis](#) and [development approach](#) for more details. [Note for Mac OS X PPC users: we will stop supporting this port in the future release.]
- [IDL](#): Patch based on the latest **CDF V3.5.0** version [IDL Patch](#).
- [MATLAB](#): Patch based on the latest **CDF V3.5.0** version [MATLAB Patch](#)
- **C#/Visual Basic** [C#/VB-CDF](#) on Windows based on the latest **CDF V3.5.0**.
- A suite of user-provided software can interact with CDF. Please check them out [here](#). ^{NEW}
- CDFsupport email address was changed to gsfc-cdf-support@lists.nasa.gov
- [CDF's Java Network Launching Protocol latest development](#)

DIY|History

Help build the historical record by doing it yourself!

*I don't believe
lose the nail as if
Batted we that discomfort
ist time tonight. narrow
two test*

THE UNIVERSITY OF IOWA
LIBRARIES



*I am in a
coming here was very
we got acquainted and
oh more that I expect
of what I had lead*

Pioneer Lives

19th-century letters & diaries

Historians need your help!

improve access to historic
documents by transcribing
handwritten pages

Start transcribing!

Help improve this site!



Please take a few minutes to fill
out our [online user survey](#)

Contribute

41,382 pages transcribed

[Get the code](#)

About

[About the project](#)

[FAQ](#)

[Transcription tips](#)

[Contact us](#)

News

Iowa Women's Archives, Rhetoric
faculty and students to present on
digital humanities teaching project
May 7

[Spring musings](#)

New milestone for DIY History:
40,000 pages transcribed!

Tweets

[Follow](#)



Claire Kovacs
@kiddicobl

16 Jul

A #hawkeye shout-out in
#doingdah14:
[diyhistory.lib.uiowa.edu](#)
[@DIY_History](#)

Retweeted by DIY History

[Expand](#)

DIY History

15 Jul

[Tweet to @DIY_History](#)



Emily Frieda Shaw
Digital Preservation Librarian
@emilyfshaw

