Alternative Resources for Meteorological Research

By Linda Musser
Fletcher L. Byrom Earth & Mineral Sciences Library
The Pennsylvania State University
February 1, 2006
History Resources

- Archives USA
- Accessible Archives (RLG)
- History of Science, Technology, and Medicine
- Palmer's Index to the Times (1790-1905)
- 19th Century Masterfile (Poole’s Index to Periodical Literature, 1802-1906) [fulltext]
- American Periodical Series (1740-1900) [fulltext]
- Catalogue of scientific papers, 1800-1900 [fulltext at Gallica]
- Early English Books Online (EEBO) [fulltext]
Historic Newspaper Collections

- Local - Digital Daily Collegian, 1887+
- Topical - Pennsylvania Civil War Newspapers

Sources:
- Historical Societies
- State Libraries
- Universities
- Publishers
Missouri Crops Damaged By Hail

St. Louis, May 2.—Hailstones as large as baseballs were hurled upon scattered sections of Missouri Sunday in a storm which was referred to as the worst in a generation in reports from the damaged towns.

California, Mo., reported that hale tore holes in roofs and the sides of houses and demolished the west windows of virtually every building in the city. At Tipton, hailstones were found which measured eight and a half inches in diameter and weighed half a pound. At Centralia and Sturgeon small buildings were blown over, plate glass windows were broken and uprooted trees were strewn about the streets.
Colorado’s Historic Newspaper Collection (1859-1923)

www.ColoradoHistoricNewspapers.org
World History Sources

“Guide to the best online primary source archives in world history“

http://chnm.gmu.edu/worldhistorysources/whmfinding.php
Major Lachlan Macquarie
Journal of the Campaign & Capture of Seringapatam

Wednesday 24th. April [1799]---
We had a storm of Thunder, Lightning, and Rain this Night at 8 o'clock, with heavy showers at first of Hail Stones of a very large size; the storm however did no injury. ---
Diary of Ann Ashby
Manigault, May 9, 1761

“…towards two o'clock P. M. some people being alarmed by an unusual noise, not unlike the rattling of many coach-wheels on a rough pavement at a little distance, ran out, and observed a stupendous thick pillar of clouds, about 30 or 35 deg. high, and seemingly 250 yards broad, moving rapidly, but somewhat in an oblique …the clouds in view flying with great velocity from all points as if attracted into the vortex, whereby its diameter was greatly increased, so as in appearance to equal 300 fathoms…”
Diary of Nancy E. Moore, March, 1863

“20th Friday -- Mercury 47 deg. above zero at sunrise. Cloudy with a gentle shower this morning. HAIL This afternoon we had a very hard rain and an uncommon hail storm which broke a good many pains of glass some of the hail stones were almost the size of a pullets egg. They cut the green foliage of the pine and cedar trees, and broke the wings of some of the birds and one of the brethren who was holding his horses in the field saw a little Rabbit knocked down apparently dead by the hail...”
"How big were the hail stones?

BF: I don't know, they were pretty near like hen eggs. They were big, you know. When we, after I got married, we lived across the river, I and my brother, one time a hail storm come up there, we had our cows in the corral over there. Had a [inaudible] wire corral, you know. It hailed. Them cows got through that corral and they had blood all over on their backs the next morning, you know. That hail took up, then the crops was gone too. “

- Ben Fadenrecht, Ben, 1888-
Visual Resources

- Libraries and Archives
  - National – Gallica, Making of America
  - State - State Library of Virginia
  - Other - Heritage West, Bentley Snowflakes

- Publishers and Commercial
  - CAMIO (Catalog of Art Museum Images)
  - NOAA photo library
  - AP Photo Archive

- Internet
  - Ditto
  - Google Image
Satellite and Other Imagery

- NASA
- NOAA
- Google Earth
Mass Media - TV, Radio…

Television News Archive (Vanderbilt University)

Nightly news programs broadcast by the national television networks (ABC, CBS, and NBC) since August 5, 1968, and a daily news program from CNN since 1995

**September 8, 2004 CBS Evening News**

Shows the progress of Hurricane Ivan through the Caribbean noted; scenes shown from Barbados; maps shown. Major flooding from the remnants of Hurricane Frances reported; scenes shown from New York City and Biltmore Village, North Carolina.
NoveList

- A fiction database that provides subject heading access, reviews, annotations, etc. for over 125,000 fiction titles.
"The St. Louis Cyclone"
(1896)

In the city of St. Louis on a busy afternoon,
Just before the ev'ning shades began to fall,
The streets were filled with people who were home from toil,
No danger seemed to threaten them at all;
Each one was smiling gay as they strolled along the way,
The world to them had never looked so bright,
When a cyclone with a roar down the streets and byways tore, leaving
sorrow and destruction there that night.

http://www.usgennet.org/usa/mo/county/stlouis/cyclone-autoplay.htm
Air University Library Index to Military Periodicals (AULIMP)

- Covers articles in military periodicals from 1988+
Staff College Automated Military Periodicals Index (SCAMPI)

- Guide to articles on military and naval art and science, operational warfare, joint planning, national and international politics, and other areas
- 1996+
Internet Resources

- International Commission on History of Meteorology (ICHM) - http://www.colby.edu/ichm/
- NOAA Library catalog
- British Library catalog
- Library of Congress catalog
- WorldCat
- RLG Union Catalog
Print Resources

Indexes:
- *Repertorium der Technischen Literatur* [and variants including Naturwissenschaftlichen] (1823-1908)

Bibliographies:
- *Sources of information on military professional subjects* (1898)
- *National Union Catalog Pre-1956 Imprints* (a k a Mansell)