
This guide is intended to get you started on your search for information on weather, climate and meteorology at the Library of Science and Medicine (**LSM**). For further information on our resources or guidance on searching a specific topic, please consult a Reference Librarian.

Numerical Data

You can find specific numerical data for collecting stations throughout the world for precipitation, snow cover, temperature, wind, barometric pressure, etc. at the National Climatic Data Center website. <http://www5.ncdc.noaa.gov/pubs/publications.html#cd>

Many of these publications are also available at LSM.

- Climatological Data (US states); **DOCUS C 55.214**
- Hourly Precipitations Data (US states); **DOCUS C 55.216**
- Local Climatological Data (NJ and some surrounding states only); **DOCUS C 55.287**
- Monthly Climatic Data for the World; **DOCUS C 55.212:**
- Storm Data and Unusual Weather Phenomena; **DOCUS C 55.212:**
- Tide and Tidal Current Tables (on CD); **DOCUS COM C 55.421/5:**

Find an Article

Indexes and Databases: tell you what journal articles have been written on a subject or by a particular author and lead you to the most up-to-date research on a subject.

Electronic Databases: Click on **Find Articles** on the Rutgers University Libraries web page. Then select **Indexes and Databases**; all titles are accessible from on-campus computers. Rutgers current faculty, staff and students can access these databases from off-campus; click on **Connect From Home** on the Libraries web page.

- [Science.gov](http://www.science.gov): is a federal government database on the web that provides information on Earth & Ocean science, climate, weather and meteorology.
- General Science Fulltext (1995 to present):
<http://www.hwwilson.com/Databases/gensci.htm>

Print Indexes: at **LSM** are found in the Reference Section of the Library on the 1st floor, shelved with the **Reference Books** by Call Number.

- **REF QC851.A54**
Meteorological and Geostrophysical Abstracts
- **REF Q1.G46**
General Science Index (1978-98)
- **REF QE1.G6**
Geographical Abstracts: Physical Geography

Journals

LSM carries an extensive collection of periodicals on weather, climate and meteorology. To find out whether we own the particular one you are looking for, consult IRIS, Rutgers online catalog (<http://www.iris.rutgers.edu>). LSM journals are shelved alphabetically by title on the third floor.

Another tool for searching the literature on weather is **Google Scholar**. Google Scholar is a free database on the web and provides access to many full-text articles. Make sure to connect through the libraries website to Google Scholar for easier access to full-text articles.

Reference Books

Reference Books will help you find factual data. They are located in the Reference section on the first floor of the library. Check IRIS for other library locations and editions.

- Encyclopedia of Atmospheric Science & Astrogeology; **REF QC854.F34 1967**
- Encyclopedia of Climatology; **REF QC854.E525**
- Weather Almanac; **REF QC983.R83**
- Weather of U.S. Cities; **REF QC983.W393**
- World Climates with Tables of Climatic Data; **REF QC982.R8**
- The New Jersey Weather Book; **REF QC984.N5L83**

Internet Sources

- Rutgers Weather Center; <http://www.wx.rutgers.edu/>
- Rutgers Weather Watcher; <http://weatherwatcher.rutgers.edu/>
- Rutgers University Climate Laboratory; <http://climate.rutgers.edu/>
- Office of the New Jersey State Climatologist; <http://climate.rutgers.edu/stateclim>
- Interactive Weather Information Network – New Jersey Data; <http://iwin.nws.noaa.gov/iwin/nj/nj.html>
- New Jersey Weather and Climate Network; <http://climate.rutgers.edu/njwxnet/>
- American Meteorological Society <http://www.ametsoc.org/>
- World Meteorological Organization; <http://www.wmo.ch>
- National Weather Service; <http://www.nws.noaa.gov/>
- Locate Weather Observation Station Record; <http://lwf.ncdc.noaa.gov/oa/climate/stationlocator.html>
- National Center for Atmospheric Research; <http://www.ncar.ucar.edu/ncar/>
- Northeast Regional Climate Center; <http://www.nrcc.cornell.edu/>
- Global Change Research Program; <http://www.usgcrp.gov/>
- The Weather Channel; <http://www.weather.com/>
- The Weather Underground; <http://www.wunderground.com/>

Weather Maps

Weather Maps are specialized maps showing weather data for a given geographic area. **LSM** has these maps for the United States.

- Daily Weather Maps; **DOCUS C 55.195:**
- NOAA Weather Charts (on CD-ROM); **DOCUS C 55.281/2.5**