



U.S. Geological Survey

Finding USGS data and publications

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Finding and using USGS and other materials available in the USGS National Geologic Map Database

- listed under "Other Links" on the USGS Libraries Program web site, <http://library.usgs.gov>

(1) Find a formation name or other geologic unit – Quick Search:

- From the USGS National Geologic Map Database (<http://ngmdb.usgs.gov/>), select "Geologic Names"
- Select "Quick Search"
- Select "PRECAMBRIAN" and New York (note: on the right the units will be updated to 826)
- (Note, there are two other Lexicons: Canada and Mexico)
- Select "Search"
- The results are the unit names; including the member and formation names
- Select the second one , unit "Adirondack" Adirondack: Anorthosite (NY), Adirondack Meta-Anorthosite (NY) ; the link will include the age (Precambrian, Proterozoic, Middle), geologic province (Adirondack uplift), and areal extent (NY)
- Note, the citation information: Chadwick, 1930 in the type locality field
- Note, the subunits: Marcy Anorthosite, Whiteface Anorthosite, Keene Gneiss.
- This is a great tool for undergraduates, graduate students, and even research geologists to find the search terms they will need for geoscience bibliographic databases.

(2) Find maps, reports, and GIS files – Quick Search:

- From the USGS National Geologic Map Database (<http://ngmdb.usgs.gov/>), select "Geoscience Map Catalog"
- Select "Quick Search"
- Select Bedrock under "Geology"
- Select State or Territory = New York
- In the title field, use the term "Adirondack" ; select "Search"
- The results are 31 items, and the materials are listed by larger scale to smaller scale.
- Note, the materials include USGS maps and reports, Geological Society of America (GSA) publications, and New York State Museum publications.
- Repeat the same steps above but **omit** the term Adirondacks
- The results include 685 citations, which may be a lot to go through, so try the Comprehensive search

(3) Find maps, reports, and GIS files – Comprehensive Search:

- From the USGS National Geologic Map Database (<http://ngmdb.usgs.gov/>), select "Geoscience Map Catalog"
- Select "Comprehensive Search"
- Select "Bedrock" under "Geology"
- Select State or Territory = New York (note, there is a latitude & longitude search box for searches within a specific geographic area)
- Select format = Both (Paper and Digital) ; about 473 citations (box on right)
- Using the Publisher tabs, select "U.S. Geological Survey" ; now the citations change to 197
- Scroll up and change the "Counties" to only "Livingston County" ; the citations have changed to 36; and select Search; these 36 reports are all bedrock geology maps and reports published in USGS publications series. The exercise can be repeated for publisher by state agencies, institutions, academics, etc.

(4) USGS Tapestry of Time and Terrain (education exercises): <http://tapestry.usgs.gov/>