

**Box 2. Papers of, Ruddick, Rev. James J. S.J.
Collection of the Canisius College Seismological Station
(The Joseph Braun Seismograph Station) (10 folders)**

Scope note: The Canisius College Seismological Station has been continuously operating in the same location for almost 100 years. It was constructed in the basement level of Old Main, the College's primary academic hall, in 1910. As a member of the Jesuit Seismological Association, Canisius has been tracking earthquakes and other geological phenomena since then. In 1987, a generous gift from Joseph Braun provided updated technology to be installed in the station. The station has carried his name since 1987. In January 2009, to honor the memory of Rev. James, J. Ruddick, S.J., director of the station for more than fifty years, his name was added. The Braun-Ruddick Seismograph Station continues daily operation, and reporting of seismic happenings into the 21st century.

Folder 2/1- Jesuit Seismological Association

Announcement. Participation of Canisius College in world-wide research survey, 6/24/1959

Resume(2). Rev. Daniel Linehan, S.J., [n.d.]

Resume. Rev. John Joseph Lynch, S.J. [n.d.]

Roster. Members of the Jesuit Seismological Association, November 4, 1959.

Journal. *The Geo-Jesuit*. Volume 1, number 1, April 1959.

Book. Twenty-fifth Anniversary Commemorative Volume: Jesuit Seismological Association 1925-1950.

Folder 2/2 - Articles

Article. Engelman, Ester. "WNY Susceptible to Earthquakes", *Buffalo Courier-Express*, March 30, 1964.

Article. Schwerzler, Nancy J. "Quake Registered at Canisius Lab", *Buffalo Courier-Express* 12/25/1972.

Article. "Thousands Die as Quake Devastated South Iran", 4/10/1972.

Article(2) . Higgins, Joe. "Canisius expert says quake one of strongest on record", 3/29/1964.

Article. "Canisius Gets Quake Record" August 1929.

Article. "Focal point of earthquake is placed in Buffalo vicinity", 8/12/29.

Article. *New York State Vacationlands*. p. 68 [n.d.]

Article. First Annual Report of Seismological Observatory. [n.d.]

Article. "Doctor McTigue Prepares Chart of Earthquake" 1/19/1945.

Article. "Coast quake had seismograph at Canisius doing a dance", *Buffalo Evening News*. 4/15/1949.

Article. "Hour-and-a-half quake recorded at Canisius", *Buffalo Evening News* 7/27/1940

Article. "Deep quake recorded at Canisius College". *Buffalo Evening News*.

Article. *Buffalo Evening News*. 8/5/1940

Article. "New seismograph spots hurricane five days away" *The Griffin* 9/26/1947

Article. "Canisius College gets three glimpses", [n.d.]
Article. "Major earthquake shock record on seismograph here", *Buffalo Courier-Express*, 8/2/1940.
Article. Severe tremor shakes houses in Los Angeles. *Buffalo Evening News*. 12/27/1939.
Article. Rumbles like earthquake mystifies South Buffalo. *Buffalo Courier-Express* 2/3/1947.
Article. "Scratches on chart tell tale of Earth's jitters", [n.d.]
Article. Schwerzler, Nancy J., "Quake registered at Canisius lab", *Buffalo Courier-Express*, 12/23/1972.
Article. Engلمان, Esther. "WNY susceptible to earthquakes. *Buffalo Courier-Express*, 1/10/1964.
Article. "Station at Canisius 'Among the Best' in seismology group", *Buffalo Evening News*, 11/23/1948.
Article. "Seismographic gifts of club are dedicated" *Buffalo Courier-Express*, 9/12/1947.
Article. "Severe quakes shown on Canisius seismograph", *Buffalo Evening News*, 7/15/1940.
Article. "300 Killed in Turkish quake", *Buffalo Courier-Express*, 7/31/1940.
Article. "Storms give Canisius seismographs jitters," *Buffalo Evening News* 3/19/1948.
Article. "News seismological installations finished", *The Griffin*, 3/21/1947.
Article. "Seismographs must rest on bedrock base", *Buffalo Courier-Express*, 12/29/1946.
Article. Dietz, David. Dietz praises seismological observatory at Canisius as important link in system for study of earthquakes. *The Buffalo Times*, 5/18/1934.
Article. "Wind hits 70 m.p.h. as storm floods cellars, disrupts power", *Buffalo Courier-Express*, 2/26/1956.

Folder 2/3 - 50th Anniversary of Seismological Station

Bulletins(8). Announcing lectures in commemoration of the 50th Anniversary of Canisius seismological station. December 1 - 2 1959.
Article. "Seismologist priest to tell of Antarctic adventures." [?]V. 36, N. 48, 1959.

Folder 2/4 - Wartime Seismograph, Miscellany

Telegram. Earthquake, 10/19/43 [?]
Memorandum. McTigue regarding earthquake, 2/26/44
Notes(paper). McTigue, Received ,4/22/44

Folder 2/5 - Braun Seismograph Station Miscellany

Description. Canisius College Seismograph Station, 3/15/69
Graphs (5). Example of recording of an earthquake at Canisius College.

Handwritten notes (3). McTigue.
Brochure (9) "Welcome to the Seismograph Station" of Canisius College (9)
Transparency. Earthquake waves recorded on typical seismogram. [n.d.]
List. Selected seismograph stations reporting for the preliminary determination of epicenters (PDE), 11/26/69
Reference resources. Seismology reference at Canisius College. [n.d.]

Folder 2/6 – Canisius College Station Conference and presentation, 1992

Correspondence (2). From J. Ruddick to E. Conley, 8th annual eastern small college computing conference (ESCCC) on October 16-17, 1992.
Paper. *Recording Seismic Data on a Computer*, presented by J. Ruddick at ESCCC, October 1992.

Folder 2/7 – Science Exploration Day, May 23, 1990

Seismograph charts. Readings dated 11/16/87 (2); 11/23/88; 3/10/88; and 3/15/92
Graph 2 of Surface Distance
Graph 3 of Surface Distance
Transparencies (2). California, and Costa Rica earthquakes, [n.d.]
Travel time chart. Of Canisius College seismic data [n.d.]
Handwritten outline. Study of earthquakes. [n.d.]
Hard copy utility. Coda, two types. [n.d.]
Handwritten notes. [n.d.]
Data. NEIC quick epicenter determinations, 5/2/91
Data. NEIC quick epicenter determinations, 4/6/89
Data. Epicenter location determination, Science Exploratorium, 5/22/91
Notes. Science Exploration Day SUNY/Buffalo, Amherst Campus. 5/23/95

Folder 2/8 – Miscellany, 1995-2006

Business card (2). James J. Ruddick
Map. Locations of epicenters in Western New York, 1996
Flyer. *Earthquakes in New York State and WNY Seismic History*, Earth Science Day, 2004
Printout. *Earthquake History of New York*, National Earthquake Information Center (NEIC) website, 4/5/2001.
Printout. *New York State Geological Survey*, New York State Museum website, 10/8/2001
Catalog. Canisius College Press [n.d.]
Map. Earthquake risk: a global view. National Geographic Society, 2006.

Folder 2/9 – Jesuit Seismograph Station, John Carroll University, Cleveland, Ohio

Booklet. Seismological Observatory, John Carroll University, Cleveland, Ohio
Time Chart (3)

Handwritten notes. 1/12/82 (3); 8/11/48; 8/13/48

Time Chart (3). [n.d.]

Handwritten notes. 2/15/82; Undated; 11/15/48; 8/5/48; undated.

Folder 2/10 - Seismograph Station, Miscellany

Program (5). Seismological Society of America Eastern Section.

June 13 - 14, 1952.

Newsclippings. Quotes from Dr. Austin McTigue, 5/15/51.

Booklet. *A History of the Canisius College Seismological Station* (1971).

List (2). Directors of the Canisius College Seismological Station. [n.d.]

Handwritten notes. [n.d.]

Article. **Collier's Encyclopedia**. On Seismology. [n.d.]

Newsclipping. Dr. McTigue's explanation of Seismograph station
to visitors.[n.d.]

Newsclipping. The Sensitivity of the Seismographic station. [n.d.]

Newsclipping. The Earliest Jesuit Seismological Station. [n.d.]

Newsclipping. Seismography lectures and publicity. [n.d.]