

1979

## Earthquakes

Follow this and additional works at: <https://scholarworks.uni.edu/istj>



Part of the [Science and Mathematics Education Commons](#)

*Let us know how access to this document benefits you*

Copyright © Copyright 1979 by the Iowa Academy of Science

---

### Recommended Citation

(1979) "Earthquakes," *Iowa Science Teachers Journal*: Vol. 16: No. 1, Article 14.

Available at: <https://scholarworks.uni.edu/istj/vol16/iss1/14>

This Article is brought to you for free and open access by the IAS Journals & Newsletters at UNI ScholarWorks. It has been accepted for inclusion in Iowa Science Teachers Journal by an authorized editor of UNI ScholarWorks. For more information, please contact [scholarworks@uni.edu](mailto:scholarworks@uni.edu).

**Offensive Materials Statement:** Materials located in UNI ScholarWorks come from a broad range of sources and time periods. Some of these materials may contain offensive stereotypes, ideas, visuals, or language.

Well-designed wind-energy problems and projects can provide students exposure to various mathematical, physical, and meteorological concepts and also promote an energy awareness.

### References

- Baker, D.G., and D.A. Haines, 1969: Solar radiation and sunshine duration relationships in the North-Central Region and Alaska. (*North Central Regional Research Publication 195*) Minnesota Agricultural Experiment Station Technical Bulletin 262, St. Paul, 372 pp.
- Heronemus, W.E., 1974: Windpower: Look backward, then move forward confidently. *IEEE Power Engineering Society Papers: Energy Development*. Institute of Electrical and Electronics Engineers, New York, P. 84.
- Hewson, E.W., 1977: Energy from the wind. *Bull. Am. Meteorol. Soc.* 58. 33-38.
- Iowa Energy Policy Council, 1977: *Energy 1977*, a report of the Iowa Energy Policy Council, Des Moines, 195 pp.
- Takle, E.S., and J.M. Brown, 1976: *Wind and Wind Energy in Iowa*. (Final report to the Iowa Energy Policy Council). Des Moines, 125 pp.

\* \* \*

### Earthquakes

*Earthquakes* is a publication produced by the Kansas Geological Survey. It is written by the Kansas Survey seismologist, Dr. D.W. Steeples, and discusses the origin of earthquakes, earthquakes in the midwest and methods of earthquake research. Single copies are available free from the Kansas Geological Survey, 1930 Ave. A Campus West, University of Kansas, Lawrence, Kansas 66044.

### Boyled Marshmallows

If you have a vacuum source, this is a fun demonstration. Make an airtight container from a babyfood jar. Put a mini-marshmallow in the jar and evacuate the air from the jar. According to Boyle's Law, pressure and volume are related and this can easily be demonstrated by what happens to the marshmallow. Let the students eat the experiment for even more fun.

*Oregon Science Teacher*

### Free Films

A listing of free films involving environmental issues is available from the Environmental Protection Agency, Office of Public Affairs, Washington, D.C. 20460.