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GEOLOGIC EXTENSION SERVICE: PROVIDING *HOT* INFORMATION ON UTAH

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Utah Geological Survey

EXTENSION SERVICE PROGRAMS

The Utah Geological Survey's (UGS) Geologic Extension Service is an outreach program designed to answer questions and provide information on Utah's geology to the public, educators, industry, and government decision makers. The Geologic Extension Service consists of several information geologists, the UGS bookstore, and the UGS library.

Geologic Extension Service geologists respond to telephone, letter, and visitor inquiries; assist teachers through curriculum development and geologic workshops; represent the UGS at conferences, professional meetings, and informational booths typically targeted for a non-geologic audience; and produce non-technical fliers and colorful brochures on various geologic topics.

The UGS bookstore sells a variety of geologic and topographic maps and publications published by the UGS, U.S. Geological Survey, and the Utah Geological Association. The library contains over 8,000 reference books and maps on Utah geology and approximately 22,000 geophysical logs from 6,800 Utah oil and gas wells. A computer system allows direct public access to geologic information contained in over a dozen different databases, and is used primarily by the geoscience community.

Geothermal information for Utah, compiled as part of the U.S. Department of Energy's Low-temperature Geothermal Resources and Technology Transfer Program, is one component of this information system. This database contains technical data on nearly 800 thermal water wells and springs in Utah. Eventually these data will be linked to other data sets, including temperature information from deep oil and gas wells and information on thermal regimes. In addition to digital and hard-copy versions of these data, a PC-oriented, user application is also available for public distribution.