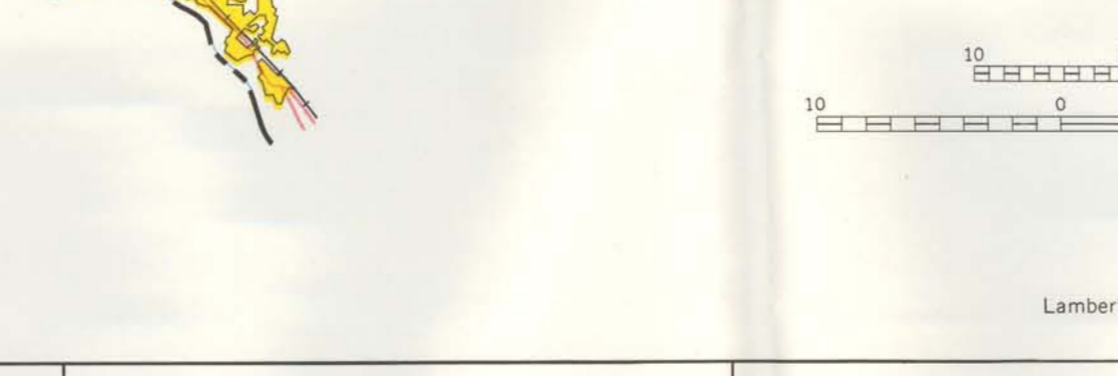


Geothermal Resources of New Mexico

1980

Scale 1:500,000
1 inch equals approximately 80 miles



Geothermal data compiled by the
New Mexico Energy Institute
at New Mexico State University
Map produced by the
National Oceanic and Atmospheric Administration
Division of Geothermal Energy
United States Department of Energy

Geothermal data for this map were compiled and interpreted by
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J.P. Chouinard (NCSU), regional geology, northern New Mexico
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Thermal Springs and Wells
Thermal Springs >20°C
• Surface temperature >30°C
• Surface temperature >50°C
Thermal Wells >20°C
• Bottom hole temperature >30°C
• Gradient between 40 and 50°C/cm
• Bottom hole temperature >50°C
• Gradient between 40 and 50°C/cm
• Bottom hole temperature >20°C
• Gradient between 40 and 50°C/cm
• Bottom hole temperature >30°C
• Gradient between 40 and 50°C/cm

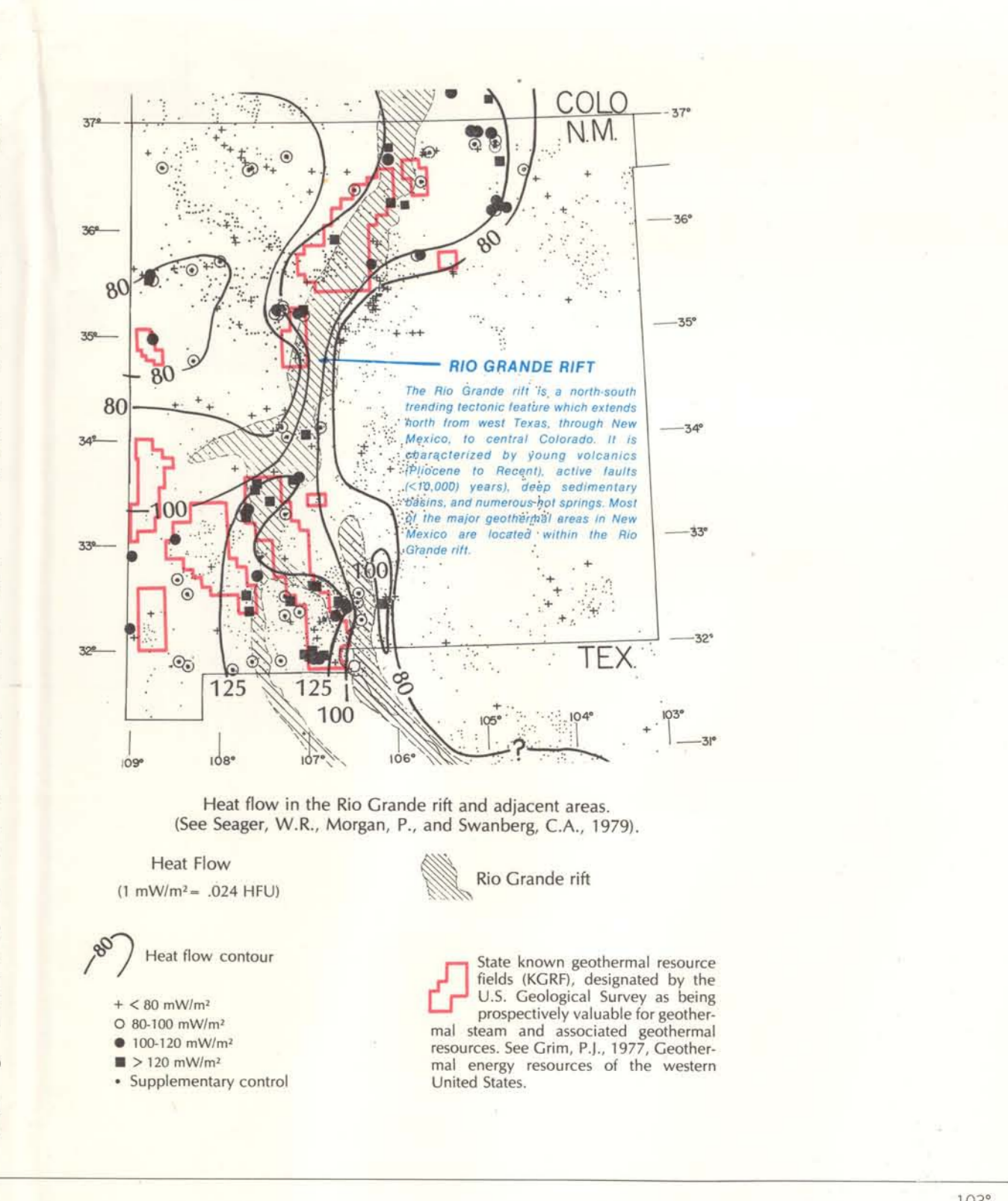
Temperature (°C)
Total dissolved solids (mg/l)
Depth (m)
Metric Conversion
1 liter = 2.64 gallons
1 meter = 3.28 feet
1 milligram = 1 part per million
1 inch = 2.54 centimeters
1 foot = 12 inches
1 mile = 1.609 kilometers
1 kilometer = 0.621 miles

Low Temperature Geothermal Waters
[Define] geothermal water is water that is heated by the Earth's internal heat. Geothermal waters are classified into three categories: high temperature, intermediate temperature, and low temperature. Low temperature geothermal waters are those that have a surface temperature of 20°C or higher and a bottom hole temperature of 30°C or higher. These waters are typically found in the Rio Grande rift and the Sacramento Mountains. They are used for direct use applications such as space heating, greenhouse heating, and industrial processes. They are also used for electricity generation in some cases.

Population Key
City (pop. 100,000+)
City (pop. 25,000-99,999)
City (pop. 5,000-24,999)
County seat
Scheduled service airport
Other principal road
Other principal road

ALBUQUERQUE LAS CRUCES
City (pop. 100,000+)
City (pop. 25,000-99,999)
City (pop. 5,000-24,999)
County seat
Scheduled service airport
Other principal road
Other principal road

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The research was conducted under the auspices of the New Mexico Energy Institute, which is a joint venture of the U.S. Geological Survey, U.S. Bureau of Reclamation, National Science Foundation, California State University, and the State of New Mexico. Information relating to geothermal energy in New Mexico may be obtained from the New Mexico Energy Institute, Las Cruces. Chemical data for many thermal springs and wells shown on this map are available from FRANK COCHRAN, Mail Stop 64, U.S. Geological Survey, Menlo Park, California, 94025.

Map available free of charge from:
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