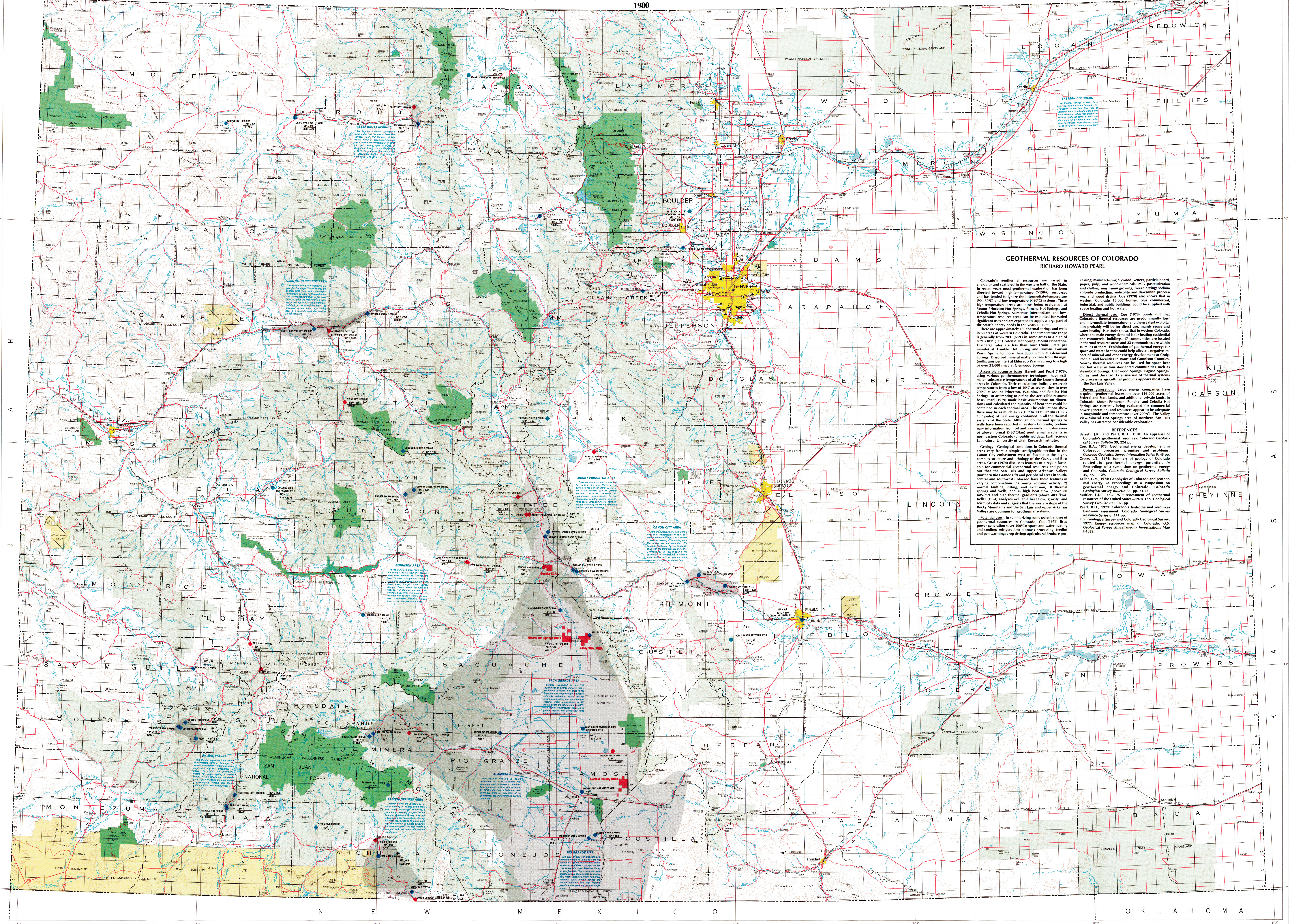




Low-Temperature Geothermal Waters
Area of significant lateral extent favorable for discovery and development of local sources of low-temperature (<90°C) water. Areas are defined on the basis of thermal springs, wells, and geologic conditions generally favorable for recovery of thermal water. Existing knowledge does not in general permit inference that thermal water can be found everywhere within the depicted areas, nor do the boundaries represent certain knowledge of the areal extent of the geothermal systems.

Thermal Springs and Wells
Thermal springs
◆ Surface temperature <50°C
◆ Surface temperature >50°C
Thermal wells
● Surface temperature <50°C
● Surface temperature >50°C
Temperature: 1 Celsius
Flow: 1 milliliter
Total Dissolved Solids: 1 milligram/liter

MEASURE CONVERSION FACTORS
1 inch = 2.54 centimeters
1 meter = 3.28 feet
1 mile = 1.61 kilometers
1 foot = 0.3048 meters
1 gallon = 3.785 liters
1 liter = 0.264 gallons
1 kilogram = 2.205 pounds
1 pound = 0.454 kilograms
1 Fahrenheit = 5/9 Celsius + 32
1 Celsius = 9/5 Fahrenheit - 32
Areas are modified from those defined by U.S. National Geographic Society and U.S. Geological Survey. Circles are modified from those defined by U.S. National Geographic Society and U.S. Geological Survey. Circles are modified from those defined by U.S. National Geographic Society and U.S. Geological Survey.

Scale 1:500,000
1 centimeter equals 5 kilometers
1 inch equals approximately 5 miles
Datum is mean sea level
1983 North American datum
Lambert conformal conic projection based on standard parallels 33° and 45°
Base map data compiled in 1980

POPULATION KEY
DENVER: more than 300,000
BOULDER: 20,000 to 100,000
Grand Junction: 10,000 to 20,000
Other cities: 1,000 to 10,000
County seat
City, town, village, or locality
Built-up area shown for towns over 10,000 population
Interstate Highway
U.S. Highway
State Highway
Other Principal Road

Geothermal data compiled under the direction of Richard H. Pearl of the Colorado Geological Survey.
For additional information concerning the geothermal resources of Colorado, see Pearl, R.H., 1979, Colorado's hydrothermal resources base—an assessment, Colorado Geological Survey Resource Series 6.
Map available free of charge from: Colorado Geological Survey, Department of Natural Resources, 1313 Sherman Street, Room 715, Denver, Colorado 80203.
Map produced by David M. Clark and Ronald H. Smith, NGC/NDNR, Boulder, Colorado, in cooperation with the Earth Science Laboratory/University of Utah Research Institute, Salt Lake City, Utah.
Geothermal wells and spring data available from GEOGRAPHIC PROJECT, United States Geological Survey, 345 Middlefield Road, Menlo Park, California 94025.
Base map supplied by the United States Geological Survey.

Geothermal data compiled by the Colorado Geological Survey
Map produced by National Oceanic and Atmospheric Administration for the Division of Geothermal Energy, United States Department of Energy