

Geothermal Resources of Idaho

Geothermal Investigations in Idaho, Part 9, Potential for Direct Heat Application of Geothermal Resources:
Idaho Department of Water Resources Water Information Bulletin No. 30, Plate 1

1980

Map prepared for
Idaho Department of Water Resources
by
National Geophysical and Solar-Terrestrial Data Center
National Oceanic and Atmospheric Administration
and
Division of Geothermal Energy
United States Department of Energy

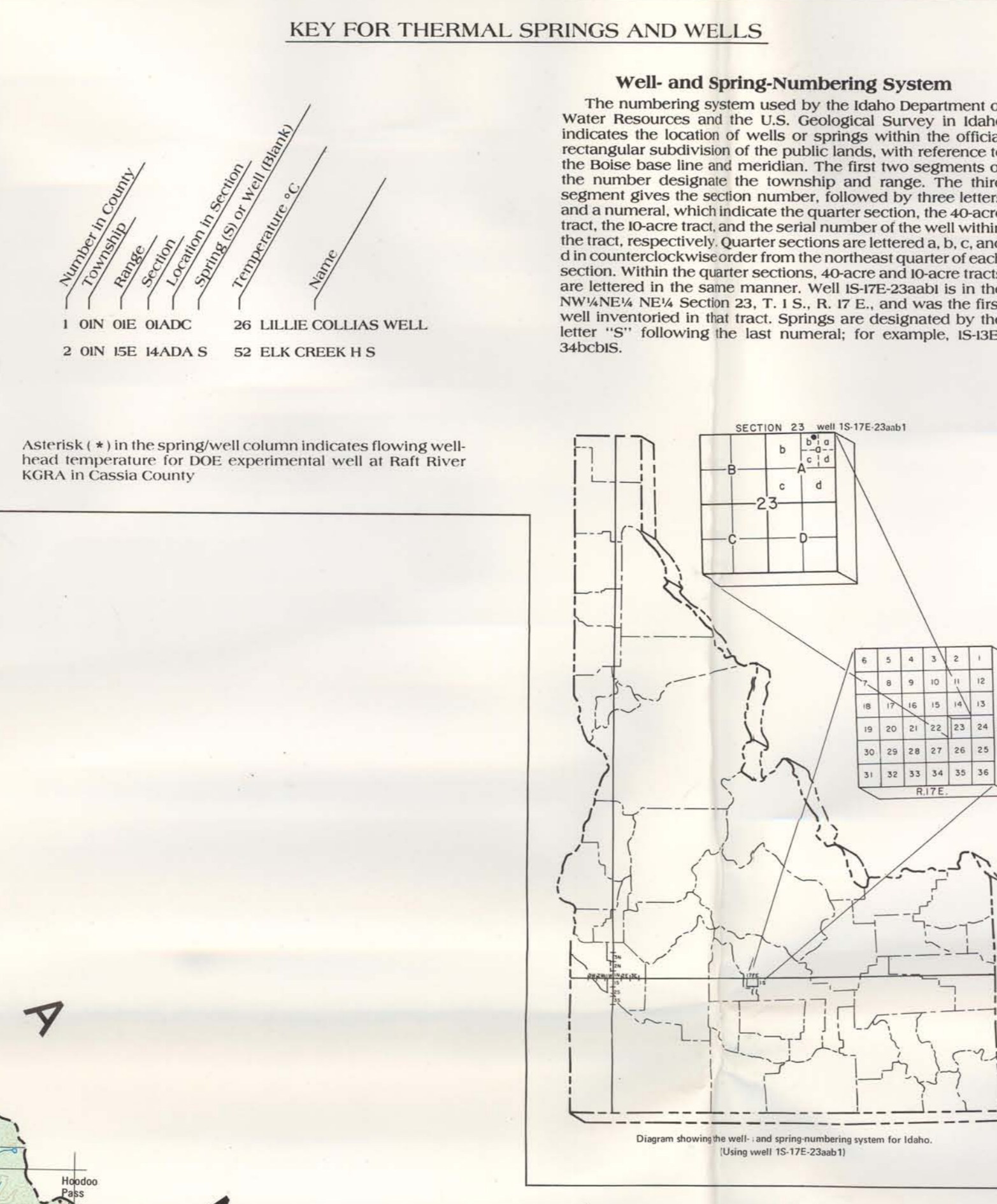
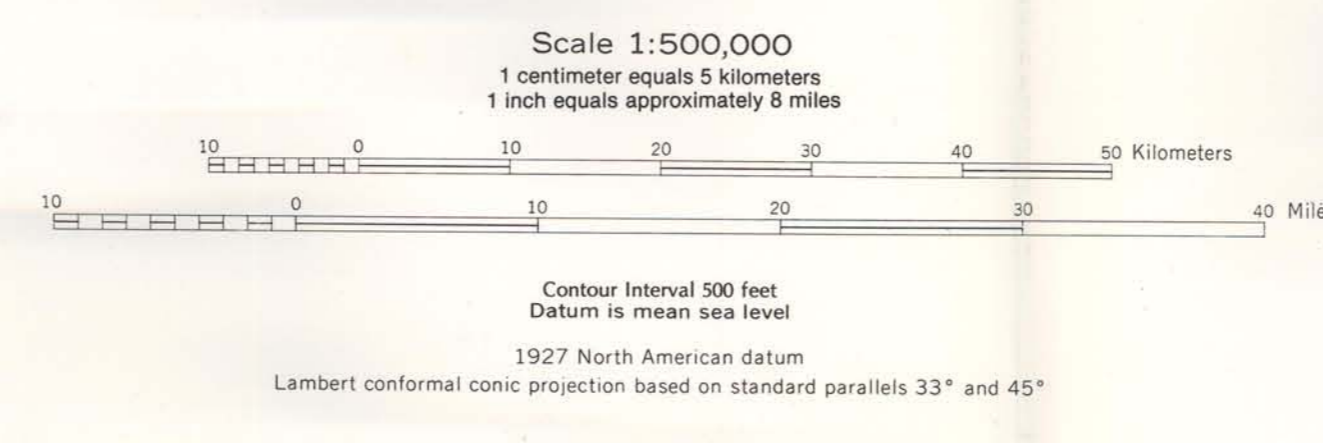
For full references, credits, and explanations of data sets, see
Michael, E. C. Johnson, E. J., and Anderson, E. J., 1980.
Geothermal Investigations in Idaho, Part 9, Potential for Direct
Heat Application of Geothermal Resources, Idaho Department
of Water Resources Water Information Bulletin No. 30.

Map available free of charge from
Idaho Department of Water Resources,
400 State Street, Boise, ID 83702

Map prepared by Ronald H. Smith, George W. Bern, and Paul J.
Cowan, NGS/SCS/NAO, Boulder, Colorado, in cooperation with Utah
Science Laboratory/University of Utah Research Institute, Salt Lake
City, Utah.

Digital thermal well and spring data available from GEOHEAT80
Project, United States Geological Survey, 3440 Hill Street, Menlo
Park, California 94025.

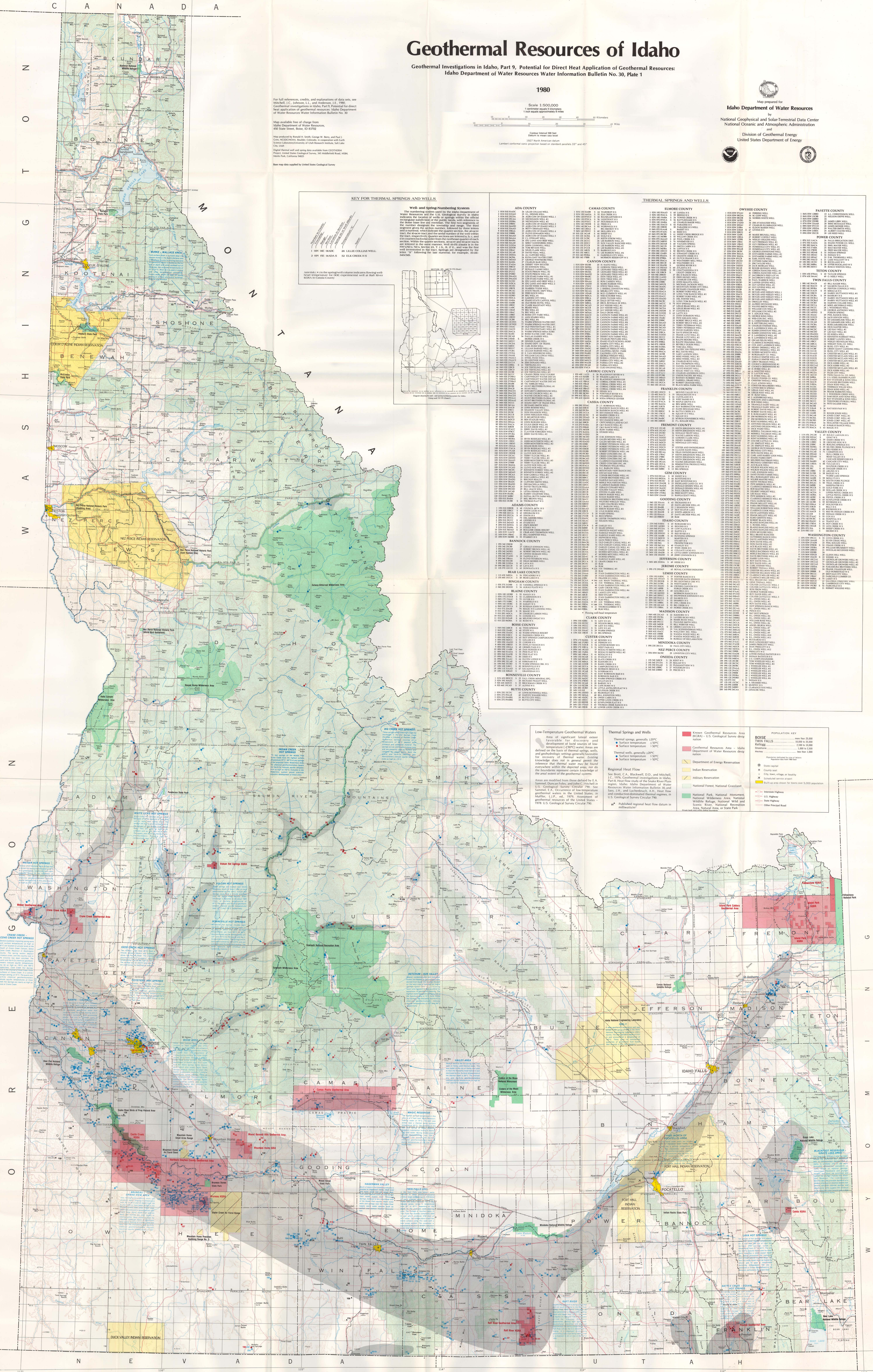
Base map data supplied by United States Geological Survey



THERMAL SPRINGS AND WELLS

ADA COUNTY	CAMAS COUNTY	ELMORE COUNTY	OWYHEE COUNTY	PAYETTE COUNTY
800N 05E 04W-101	100N 05E 04W-101	100N 05E 04W-101	100N 05E 04W-101	100N 05E 04W-101

... (The table continues with listings for CAMAS, ELMORE, OWYHEE, PAYETTE, and other counties, listing well/spring IDs and locations.)



Low-Temperature Geothermal Waters
Areas of significant thermal reserves favorable for discovery and development of such reserves of low-temperature (200°C) water areas are defined on the basis of thermal spring wells and geophysical settings generally favorable for recovery of thermal water. The boundaries represent current knowledge of the geothermal system.

Areas are modified from those shown by E. A. Sammis, Duncan Foley, and John C. Hodson in U.S. Geological Survey Circular 790, and Sammis, E. A., Occurrence of low-temperature geothermal waters in the United States, in Geothermal Energy, J. I. E. et al., 1976. Assessment of geothermal resources of the United States, U.S. Geological Survey Circular 790.

Thermal Springs and Wells
Thermal springs, generally $>200^{\circ}\text{C}$
• Surface temperature $>100^{\circ}\text{C}$
• Surface temperature $100\text{--}200^{\circ}\text{C}$
• Surface temperature $<100^{\circ}\text{C}$

Known Geothermal Resources Area
• U.S. Geological Survey designation
• Idaho Department of Water Resources designation

Other Geographical Features
• Department of Energy Reservation
• Indian Reservation
• Military Reservation
• National Forest, National Grassland
• National Park, National Monument
• National Wilderness Area, National Wildlife Refuge, National Wild and Scenic River, National Recreation Area, Natural Area, or State Park