Web map shows geothermal hotspots in Oregon

Puts centralized database of Oregon’s geothermal resource information online

Portland, Oregon: the Oregon Department of Geology and Mineral Industries (DOGAMI) has updated its Geothermal Information Layer for Oregon (GTILO) web map.

The Geothermal Information Layer for Oregon, Release 2 (GTILO-2) web map displays wells that were drilled for geothermal exploration, water wells with elevated temperatures, and warm and hot springs.

Part of GTILO-2 web map interface showing geothermal resources around Malheur Lake, Oregon. The map zooms to 1: 9,028 scale. Users can click on points on the map to access details from the database. Users can also make and print custom maps. GIS data can also be downloaded from the GTILO-2 website.

Access the map and download GTILO-2 data at: http://www.oregongeology.org/sub/gtilo/index.htm

“With the web map, both the public and industry users can get a good overview of what’s out there,” according Clark Niewendorp, DOGAMI geothermal resources evaluator. “Nine different base maps allow for different ways to see how our geothermal resources are distributed in the state.”

GTILO-2 data can also be purchased on CD-ROM for $30 each from the Nature of the Northwest Information Center (NNW), 800 NE Oregon Street, Suite 965, Portland, Oregon, 97232. A color plot of the map plate is available for $40 each. You may also call NNW at (971) 673-2331 or order online at http://www.NatureNW.org. There is a $4.95 shipping and handling charge for all mailed items.

The compilation of GTILO-2 was funded by the U.S. Department of Energy’s Geothermal Technologies Program for the National Geothermal Data System.
GTILO-2 web map interface developed using the Esri ArcGIS Viewer for Flex, version 3.0.
http://www.oregongeology.org/sub/gtilo/index.htm

For more information on current geothermal exploration and development activity in Oregon, view this DOGAMI fact sheet:
www.oregongeology.org/pubs/fs/gtilo-2-factsheet.pdf

Contact Information:
Oregon Department of Geology
Clark Niewendorp, Geothermal Resources Evaluator
(971) 673-1540
clark.niewendorp@state.or.us

The Oregon Department of Geology and Mineral Industries is an independent agency of the State and has a broad responsibility in developing an understanding of the state’s geologic resources and natural hazards. The Department then makes this information available to communities and individuals to help inform and reduce the risks from natural hazards, such as earthquakes, tsunamis, landslides, floods and volcanic eruptions. The Department assists in the formulation of state policy where an understanding of geologic materials, geologic resources, processes, and hazards is key to decision-making. The Department is also the lead state regulatory agency for mining, oil, gas and geothermal exploration, production and reclamation.

Learn more about Oregon's geology online: http://www.OregonGeology.org

DOGAMI's mission is to provide earth science information and regulation to make Oregon safe and prosperous.

Media contact:
Carol DuVernois
carol.duvernois@state.or.us
800 NE Oregon St., #28, Ste. 965
Portland, OR 97232
Phone: (971) 673-1555
Fax: (971) 673-1562
www.OregonGeology.org

Mineral Land Regulation and Reclamation Program
229 Broadalbin St. SW
Albany, OR 97321
Phone: (541) 967-2039
Fax: (541) 967-2075
info@mlrr.oregongeology.com
Gary W. Lynch,
Assistant Director

Coastal Field Office
313 SW 2nd, Ste. D
Newport, OR 97365
Phone: (541) 574-6642
Fax: (541) 265-5241
Jonathan C. Allan,
Coastal Team Leader

Eastern Oregon Field Office
Baker County Courthouse
1995 3rd St., Ste. 130
Baker City, OR 978149
Phone: (541) 523-3133
Fax: (541) 523-5992
Jason D. Mc Claughry,
Regional Geologist

Nature of the Northwest Information Center
800 NE Oregon St., Ste. 965
Portland, Oregon 97232
(971) 673-2331
Email: info@naturenw.org
Web: www.NatureNW.org
Donald J. Haines, Manager