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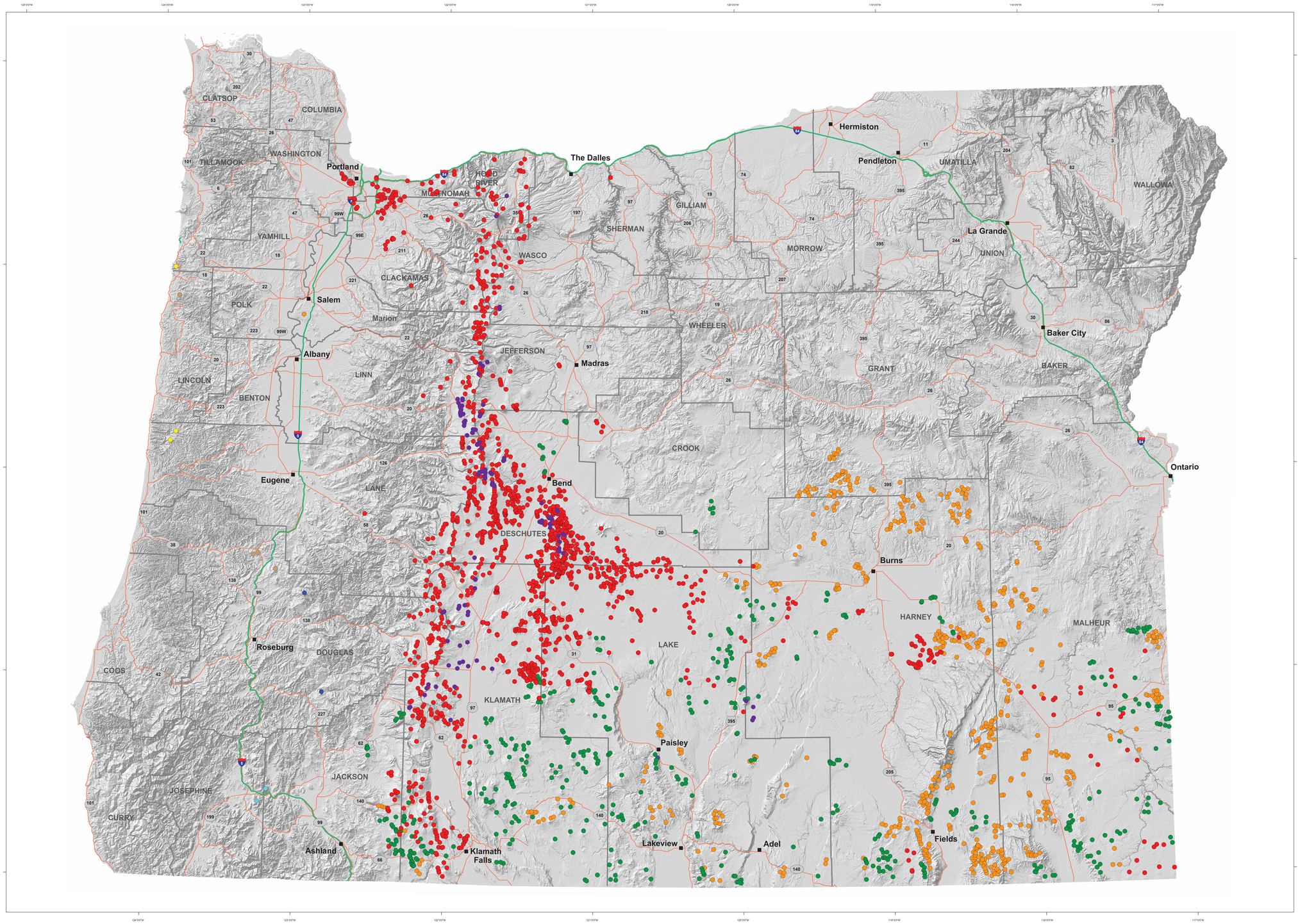
Location Map of Volcanic Vents of Oregon (VVO-1)

2013



Projected Coordinate System:
NAD1983 HARN Oregon Statewide Lambert Feet International
Projection: Lambert Conformal Conic
False Easting: 1312335.95800025
False Northing: 0.00000000
Central Meridian: -120.50000000
Standard Parallel 1: 43.00000000
Standard Parallel 2:45.50000000
Latitude of Origin: 41.75000000
Linear Unit: Foot

Geographic Coordinate System: GCS North American 1983 HARN
Datum: North American 1983 HARN
Prime Meridian: Greenwich
Angular Unit: Degree

SCALE 1:500,000

10 0 10 20 30 40 MILES

10 0 10 20 30 40 50 KILOMETERS

VVO-1 compiled by Sarah R. Dolibor and Clark A. Niewendorp
Oregon Department of Geology and Mineral Industries
Compiled in 2013

DIGITAL DATA SERIES

Volcanic Vents of Oregon (VVO-1)

By Sarah R. Dolibor and Clark A. Niewendorp

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PLATE 1

NOTICE

This map cannot serve as a substitute for site-specific investigations by qualified practitioners. Site-specific data may give results that differ from those shown on the map. This report was prepared as an account of work sponsored by an agency of the United States Government. Neither the United States Government nor any agency thereof, nor any of their employees, makes any warranty, express or implied, or assumes any legal liability or responsibility for the accuracy, completeness, or usefulness of any information, apparatus, product, or process disclosed, or represents that its use would not infringe privately owned rights. Reference herein to any specific commercial product, process, or service by trade name, trademark, manufacturer, or otherwise does not necessarily constitute or imply its endorsement, recommendation, or favoring by the United States Government or any agency thereof. The views and opinions of authors expressed herein do not necessarily state or reflect those of the United States Government or any agency thereof.

INTRODUCTION

The Oregon Department of Geology and Mineral Industries (DOGAMI) received American Recovery and Reinvestment Act of 2008 funding to compile all DOGAMI legacy geothermal information and make it available to the public and industry. The Volcanic Vents of Oregon (VVO-1) publication is part of that work. VVO-1 represents DOGAMI's geospatial database of volcanic vent location information.

VVO-1 is provided in Microsoft® Excel® spreadsheet and Geographic Information System (GIS) geospatial formats. Data coverage is statewide in extent; the map displays locations for 2,747 sample records. Please read the Esri shapefile metadata.

Information regarding location, age, and rock composition of the volcanic vents is stored as attributes in the shapefile as well as in the spreadsheet. Locations of points are placed at the highest elevation of the vent feature.

Free access to data used in VVO-1 can be obtained via DOGAMI's website, http://www.oregongeology.org/sub/gtilo/download_data.htm, and via the National Geothermal Data System at http://geothermaldata.org/. Please contact the Nature of the Northwest Information Center to purchase VVO-1 on CD-ROM.

Understand that these data are provided "as is" without warranty of any kind, including, but not limited to, the implied warranties of merchantability and fitness for a particular purpose. The user assumes all responsibility for the accuracy and suitability of these data for a specific application. In no event will the Oregon Department of Geology and Mineral Industries be liable for any damages, including lost profits, lost savings, or other incidental or consequential damages arising from the use of or inability to use the data.

MAP SYMBOLS

Era	Period	Epoch	Millions of Years†	Map Symbol
Cenozoic	Quaternary	Holocene	0.1	
		Pleistocene	1.5	
	Tertiary	Pliocene	5.3	
		Miocene	23.7	
		Oligocene	36.6	
		Eocene	57.8	
		Paleocene	66.5	
Mesozoic	Cretaceous		144.0	
	Jurassic		208.0	

†Berggren, W.A., Kent, D.V., Flynn, J.J., and Van Couvering, J.A., 1985, Cenozoic geochronogy: Geological Society of America Bulletin, v. 96, no. 11, p. 1407-1418.

Interstate highway
U.S. highway
State highway
City/town
County boundary

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