

Chapter 11

Additional Reading

Wohletz, K. and Heiken, G. (1992). *Volcanology and Geothermal Energy*. Berkeley: University of California Press; <http://ark.cdlib.org/ark:/13030/ft6v19p151/>

Links to Websites of Interest

- Images and description of magma–water interactions at Hunga Hapa’i Island
<http://www.volcano.si.edu/world/volcano.cfm?vnum=0403-04=&volpage=var>
- Physical Volcanology Laboratory at the University of Würzburg
<http://www.geologie.uni-wuerzburg.de/physvulk/>
- KWare PHM software is designed to make thermodynamic calculations to illustrate the wide range of explosive potential that develop depending upon the initial conditions of water/magma contact
<http://geodynamics.lanl.gov/Wohletz/PHM.htm>
- Erupt3 is a graphical program that simulates various volcanic eruption types, including strombolian, plinian, vulcanian/surtseyan, pyroclastic flows and surges, hawaiian fluid lava flows, fumarolic activity, and peleeen viscous lava dome emplacement.
<http://geodynamics.lanl.gov/Wohletz/Erupt-User.htm>
- Magma is a program for theoretical calculation of some physical properties of magmas along with their IUGS volcanic rock classification, CIPW norms, viscosity, and density from chemical composition and temperature.
<http://geodynamics.lanl.gov/Wohletz/Magma.htm>