**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 peleean 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>