

Living with Volcanoes Summer Session 2005

Suggested Trip Packet Materials

We do not provide a trip guidebook. Instead each trip participant is provided with a packet (in a manila envelope) of materials at the pre-trip meeting, usually 1 week before departure. The packet includes a copy of the syllabus, equipment list, a release form, pre-trip questions for Geology and Biology and copies of maps, diagrams, papers, etc. that may be used in answering pre-trip questions or that can be referenced in the field. This is a list of suggested packet materials that we used when running the trip but it can certainly be modified for your own trip. Note that I have included geology packet material only; Biology packet materials included are not listed here.

Syllabus and trip itinerary

Geology pre-trip questions

Release form for field trip travel

Biology pre-trip questions

Term paper guidelines

A copy of a road map with the locations of Mount Rainier National Park and Mount St. Helens National Volcanic Monument.

Plate tectonics of the Cascade Range graphic -

http://vulcan.wr.usgs.gov/Glossary/PlateTectonics/Maps/map_plate_tectonics_cascades.html

Pacific Northwest volcanics map -

http://vulcan.wr.usgs.gov/Volcanoes/PacificNW/Maps/pacificNW_volcanics.html

Volcano types graphic -

http://vulcan.wr.usgs.gov/Glossary/VolcanoTypes/volcano_types.html

Map of Gifford Pinchot National Forest and vicinity -

<http://www.fs.fed.us/gpnf/04maps/documents/gpnf-forest-vicinity-map-8179.pdf>

Map of Mount St. Helens National Volcanic Monument -

<http://www.fs.fed.us/gpnf/04maps/documents/2009-mount-st-helens-recreation-map.pdf>

Mount Rainier National Park Paradise Area Trails map -

<http://www.nps.gov/mora/planyourvisit/upload/Paradise%20Area%20Trails.pdf>

Mount Rainier National Park Sunrise Area Trails map -

<http://www.nps.gov/mora/planyourvisit/upload/Sunrise%20Area%20Trails.pdf>

Mount Rainier – Living Safely with a Volcano in Your Backyard – USGS fact sheet - <http://pubs.usgs.gov/fs/2008/3062/fs2008-3062.pdf>

What are Volcano Hazards – USGS fact sheet - <http://pubs.usgs.gov/fs/fs002-97/fs002-97.pdf>

Living with Volcanic Risk in the Cascades – USGS fact sheet - <http://pubs.usgs.gov/fs/1997/fs165-97/fs165-97.pdf>

Mount St. Helens – From the 1980 Eruption to 2000 – USGS fact sheet - <http://pubs.usgs.gov/fs/2000/fs036-00/fs036-00.pdf>

Mount St. Helens Erupts Again – USGS fact sheet - <http://pubs.usgs.gov/fs/2005/3036/fs2005-3036.pdf>

Crandell, D.R. (1969, revised 1983) The Geologic Story of Mount Rainier. U.S.G.S. Bulletin 1292. For purchase via <http://pubs.er.usgs.gov/usgspubs/b/b1292> or viewable on-line at http://www.nps.gov/history/history/online_books/geology/publications/bul/1292/contents.htm

Dale, V.H., Swanson, F.J. and Crisafulli, C.M., Eds. (2005) Ecological Responses to the 1980 Eruption of Mount St. Helens. Pages 20-25.

Moir, W.H. (1989) The Forests of Mount Rainier National Park: A Natural History. Northwest Interpretive Association. Chapters 1, 2 and 7.