Sage to Sea – Across the North Cascades
Summer Session 2002

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
Release form for field trip travel
Term paper guidelines
Geology pre-trip questions
Biology pre-trip questions

Behrens, G.W. and Hansen, P.J. (1989) Geology and related construction problems of the Grand Coulee Dam project. In Joseph, N.L. and others, Eds. Geologic guidebook for Washington and adjacent areas. Washington Division of Geology and Earth Resources Information Circular 86.

Kiver, E.P. and Harris, D.V. (1999) Geology of U.S. Parklands. New York, John Wiley & Sons, Inc. Pages 125-138 and 190-202.

McGroder, M.F. (1987) Elements of the Cascades 'Collisional' Orogen: Introduction to a transect from the Methow Basin to the San Juan Islands, Washington. In Joseph, N.L. and others, Eds. Geologic guidebook for Washington and adjacent areas. Washington Division of Geology and Earth Resources Information Circular 86.

Miller, R.B., Brown, E.H., McShane, D.P., and Whitney, D.L. (1993) Intra-arc crustal loading and its tectonic implications, North Casecades crystalline core, Washington and British Columbia. Geology, v. 21, p. 255-258.

Rau, R. L. (1987) Sedimentology of the Upper Cretaceous Winthrop sandstone, Northeastern Cascade Range, Washington. Eastern Washington University Masters Thesis. Figures 4 and 13.

Whitney, D.L. and McGroder, M.F. (1989) Cretaceous crustal section through the proposed Insular-Intermontane suture, North Cascades, Washington. Geology, v. 17, p. 555-558.

http://vulcan.wr.usgs.gov/Volcanoes/Baker/framework.html - assorted graphics for Mt. Baker accessible from this site, including a hazard map, seismicity map, summary of last 14,000 years of activity at Mount Baker.

We also include a physiographic province map of the State of Washington, such as the one presented in Alt, D.D. (1984) Roadside Geology of Washington. Mountain Press Publishing Company.