

Appendix D - Data directory and sources

Glacier Outlines

- Snow and ice for North Cascades National Park - Digitized from USGS 1:24K quadrangles by US National Park Staff - Ann Bratten - North Cascades National Park (Sedro Wolley, Washington).
- Snow and ice for Mt. Baker-Snoqualmie National Forest - Digitized from USGS 1:24,000 topographic maps by US Forest Service.
- Snow and ice for Wenatchee National Forest - Digitized from USGS 1:24,000 topographic maps by US Forest Service.
- Ice cover of the Cascade range - Digitized from 1:100,000 scale USGS topographic maps by US Geological Survey.
- Glaciers of the North Cascades Range - Digitized from 1:31,680 topographic maps used by Post et al. to construct the 1971 inventory. Maps archived at North Cascades Glacier Climate Project (Nichols College, Dudley, MA.)

Aerial Photography

- Uncorrected aerial photography of North Cascades National Park taken by WAC corp. (Eugene OR.) during July and August 1998. Photos archived at North Cascades National Park, Marblemount, Washington.
- Digital orthoquads (DOQs) of selected sections of the Mt. Baker Snoqualmie, Wenatchee, and Okanagan National Forest as well as portions of the North Cascades National Park Complex. DOQs available from University of Washington Library, Seattle, Washington.

Digital Elevation Models

- 30 m SDTS DEMs compiled by the US Geological Survey - Downloaded from USGS Geographic Data Download web site at,
<<http://edcwww.cr.usgs.gov/doc/edchome/ndcdb/ndcdb.html> >

- 10 m DEMs compiled by Washington DNR for - Downloaded from Washington State Geospatial data archive at < <http://wagda.lib.washington.edu/data/> >

Gaging Station Data

- Stream discharge data for gaging stations in and around the North Cascades National Park Complex. Data downloaded from U.S. Geological Survey - Surface-Water Data for Washington - Daily Streamflow for Washington at < <http://water.usgs.gov/wa/nwis/discharge> >
- Stream discharge data for Cascade River gaging station. Data provided by US Geological Survey water resources division, Tacoma Washington.

Climate Data

- Southern Oscillation Index data for 1958 to 1998. Data downloaded from International Research Institute for Climate Prediction Climate Data Library (Lamont-Doherty Earth Observatory, Palisades, N.Y.) Indices Southern Oscillation Index web site at, < <http://ingrid.ldgo.columbia.edu/SOURCES/.Indices/.soi/> >
- Pacific Decadal Oscillation data for 1958 to 1998. Data downloaded from Joint Institute for the Study of Atmosphere and Ocean (University of Washington, Seattle, Washington) Pacific Decadal Oscillation web site at, < <http://tao.atmos.washington.edu/pdo/> >
- Precipitation and temperature data for the Cascade foothills, Western Cascade, and Eastern Cascade climate divisions. Data downloaded from Western Regional Climate Center (Desert Research Institute, Las Vegas, NV.) U.S.A. Divisional Climate Data web site at < <http://www.wrcc.dri.edu/spi/divplot1map.html> >
- Precipitation and temperature data for climate stations in and around the National Park Complex. Data downloaded from Western Regional Climate Center (Desert Research Institute, Las Vegas, NV.) Washington Climate Summaries web site at, < <http://www.wrcc.dri.edu/summary/climsmwa.html> >.