

Antarctic Data at NSIDC: Continued Data Collection, Archiving, and Distribution of Results of NSF-OPP Funded Research in Antarctic Glaciology

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The Antarctic Glaciological Data Center (AGDC) at the National Snow and Ice Data Center (NSIDC) archives and distributes Antarctic glaciological and cryospheric system data collected by the U.S. Antarctic Program for the National Science Foundation.

The AGDC facilitates data exchange among Principal Investigators, preserves newly collected data useful to future research, gathers data sets from past research, and compiles continent-wide information for modeling and field work planning. The AGDC's data holdings include data sets collected by individual investigators on specific grants, and compiled products assembled from many different Principal Investigator data sets, published literature, and other sources. Data archived at AGDC include ice velocity, snow temperature, ice core data, geochemical composition, and snow pit data, among other topics. Data sets are available via our web site at <http://nsidc.org/agdc/>, where users can access data and documentation, citation information, locator maps, derived images, and references. We are also actively interested in data rescue efforts to recover data measurements from the pre-digital era. Old data reports, or old field books, may be archived at the NSIDC ROCS Analog Archive, digitized, and made available.

The NSF OPP Guidelines and Award Conditions for Scientific Data state that PIs should submit data collected as a result of their OPP grant to a designated data center as soon as possible, but no later than two years after the data are collected. The AGDC has an online submission form for scientists to use in contributing data to the AGDC. This submission process is intended to comply with the NSF OPP Data Policy, to satisfy the needs of the principal investigators, and to serve the broader scientific community. AGDC staff are ready, willing and able to assist Principal Investigators with their data submissions. Please contact Rob Bauer (robert.bauer@colorado.edu).