United States Department of the Interior

GEOLOGICAL SURVEY

Water Resources Division
Project Office - Glaciology
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World Data Center
A Glaciology

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April 9, 1979

Memorandum

To: George I. Smith, Coordinator, Climate Program

From: Austin Post, Project Chief

Subject: Progress Report

Management of Project Office Photo Collection

Checking, filing, and microfilming 100,000 negatives of glaciers, snowlines, etc., to allow a computerized retrieval system centered at World Data Center-A, Glaciology (Boulder). In collaboration with NOAA.

This project's work in progress has two major aims:

1) To identify and uniformly mark all glacier photos presently in the negative files of the Project Office - Glaciology (approximately 100,000 negatives). Two part-time personnel have been assigned to this work. One has been compiling a set of index maps of western North America updated to show all of the latest official glacier names from various data sources. These maps are now essentially completed for Alaska; western Canada maps are presently being updated.

The other employee has been assigned to cleaning, checking, identifying and updating identification shown on negatives in the file using data from the above maps. All 1978 aerial photos have been processed; earlier films are being selectively worked according to priorities determined by their present and anticipated use. Sixteen rolls of film of approximately 300 exposures each have been processed to date.

2) To classify and enter into a new computer retrieval program data on glaciers shown in the same U.S. Geological Survey Project Office file of aerial photographs. This program, being conducted by World Data Center-A, Glaciology, INSTAAR, University of Colorado, Boulder, Colorado, was already in progress on a limited basis when this climate program was proposed; our part in this program is to supply WDC-A a complete set of prints (on loan) for classification, and provide them with a cash grant of $9,000 to aid in

paying their employees engaged in this work. To date approximately 37 rolls of prints with from 100 to 300 exposures each have been processed. These rolls were selected from films in our files which have the most complete and up-to-date identification and hence will require but minimal revision when the negative checking and updating currently in progress are complete.

Austin Post

cc: WDC-A