

E72-10129
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FIRST BI-MONTHLY PROGRESS REPORT
UNIVERSITY OF ALASKA
ERTS PROJECT 110-13

September 30, 1972

- A. TITLE OF INVESTIGATION: Glaciological and Volcanological Studies on the Wrangell Mountains, Alaska
- B. PRINCIPAL INVESTIGATOR/GSFC ID: Carl S. Benson/UN594
- C. PROBLEMS IMPEDING INVESTIGATION: Project has not yet received any ERTS-A data from NASA
- D. PROGRESS REPORT:
 - 1. Accomplishments during reporting period: Investigator participated in a NASA flight over the study area to collect airborne data. Data was received on the last day of the reporting period, and appears to be of excellent quality.
 - 2. Plans for next reporting period: Airborne data is to be organized, and base maps of snow and ice cover at the summit of Mt. Wrangell will be prepared. Possibilities of extracting information regarding heat flux through the snow from the RS-14 IR scanner data will also be studied. When the first satellite data arrives we will begin our study of these as described in our proposal.
- E. SIGNIFICANT RESULTS:

(See attached sheet)
- F. PUBLICATIONS:

None
- G. RECOMMENDATIONS:

None
- H. CHANGES IN STANDING ORDER FORMS:

None
- I. ERTS IMAGE DESCRIPTIONS FORMS:

None
- J. DATA REQUEST FORMS:

Request submitted on August 22, 1972.

(E72-10129) GLACIOLOGICAL AND
 VOLCANOLOGICAL STUDIES ON THE WRANGELL
 MOUNTAINS, ALASKA Bimonthly Progress
 Report C.S. Benson (Alaska Univ.
 College.) 30 Sep. 1972 2 p CSCL 08G G3/13
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TITLE OF INVESTIGATION: Glaciological and Volcanology Studies on the
Wrangell Mountains, Alaska

DISCIPLINES: Mineral Resources, Geological Structure and Land Form
Surveys/Water Resources

SUBDISCIPLINES: Volcano surveys/glacier surveys

SUMMARY OF SIGNIFICANT RESULTS:

During the first reporting period no ERTS or aircraft data were received for this project. Activities were restricted to ground-based and airborne data acquisition, and to preparations for analysis of data. Therefore, there are no significant scientific, practical or operational results to report.