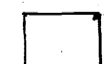
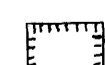





-Base from U.S. Geological Survey 1974:
Seward, 1:250,000 Quadrangle, Alaska

ELEVATION CLASSES

-  < 2000'
-  2000'-4000'
-  > 4000'

EXPLANATION

This map depicts elevation classes and intervals that are important in analyzing regional terrain, orographic configuration, and potential snow avalanche occurrences (pl. 2). Preliminary analyses of snowpack information, and climatological data within different elevation classes and known avalanche occurrences (Hackett and Santeford, 1980) indicate correlatable relationships between mountainous terrain and snow avalanche activity in south-central and southeastern Alaska. This map should be used in conjunction with readily available topographic and shaded relief maps in evaluating potential snow avalanche terrain through analysis of elevation intervals, freeze levels, slope angles and aspects, and terrain configuration.

This map is not intended to replace a detailed slope analysis, but can be used as a basic reference in identifying potential snow avalanche areas.

REFERENCES

Hackett, S.W. and Santeford, H.S., in press, Avalanche zoning in Alaska: Jour. Glaciology Proceedings of Snow in Motion Scientific Symposium, Ft. Collins, August 10-17, 1979.

Map printed with funds provided by Office of Coastal Management, Alaska Div. of Policy Development and Planning.

This is a preliminary publication of the Alaska Division of Geological and Geophysical Surveys and as such has not received final editing and review. The author will appreciate candid comments on the accuracy of the data, and welcome suggestions that will improve the report.

MAP OF MOUNTAINOUS TERRAIN, SEWARD, ALASKA

by Gail Davidson & S.W. Hackett

1980

Open-File Report 131
Graphic Map of Mountainous Terrain
Seward, Alaska
Overlay for Screened base
Plate # 1 of 2 Plates