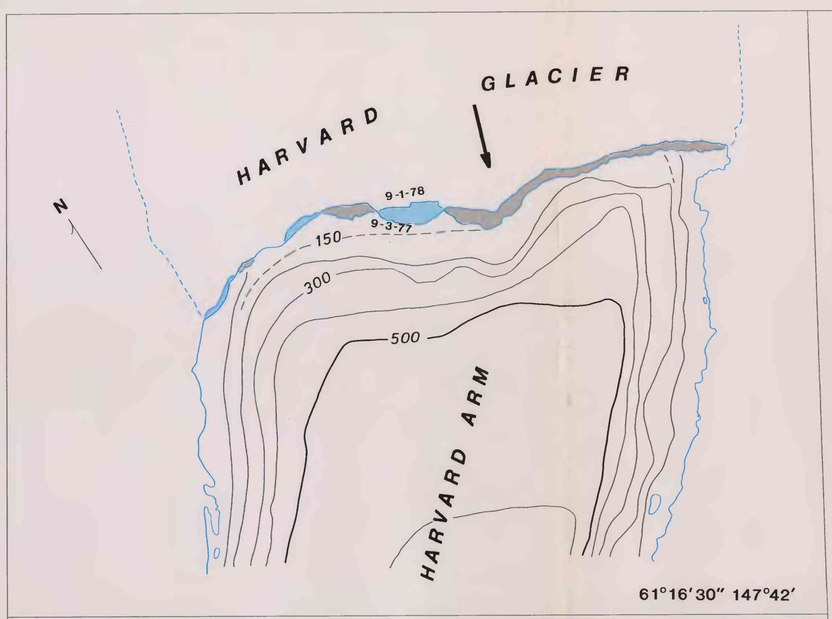

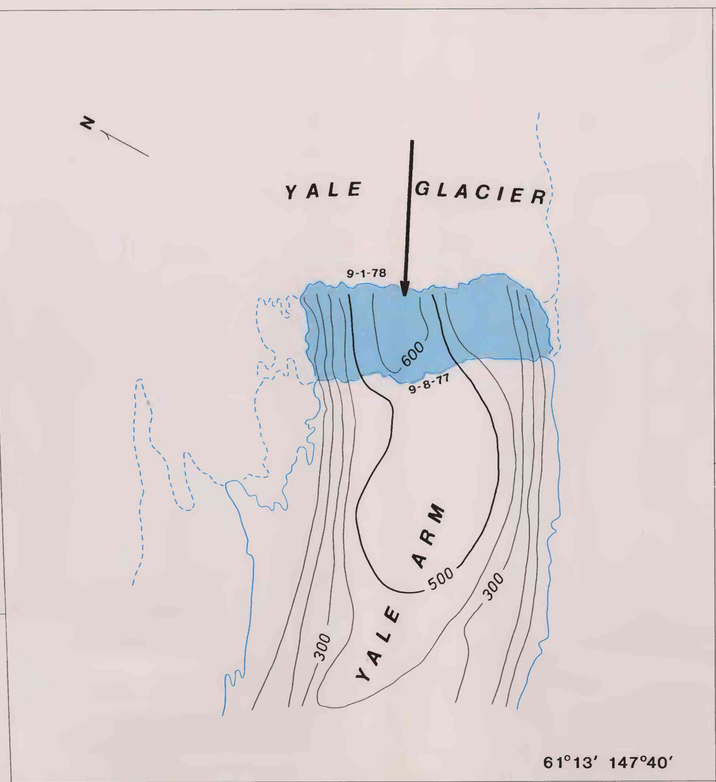

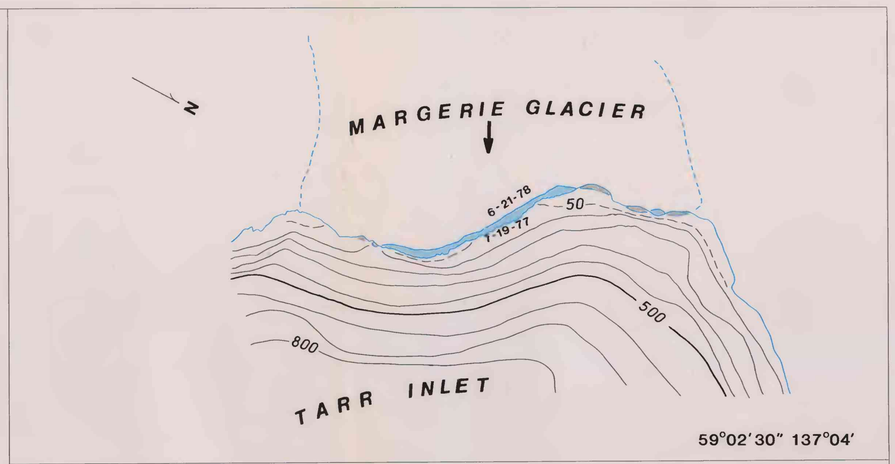

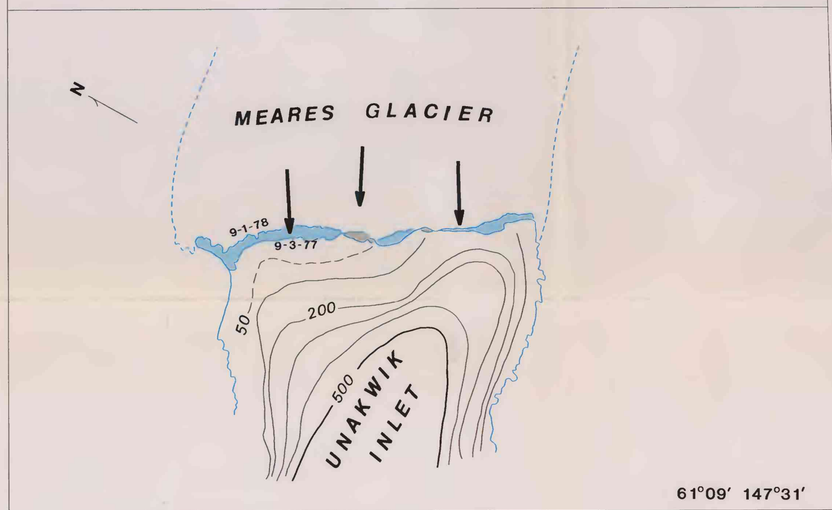

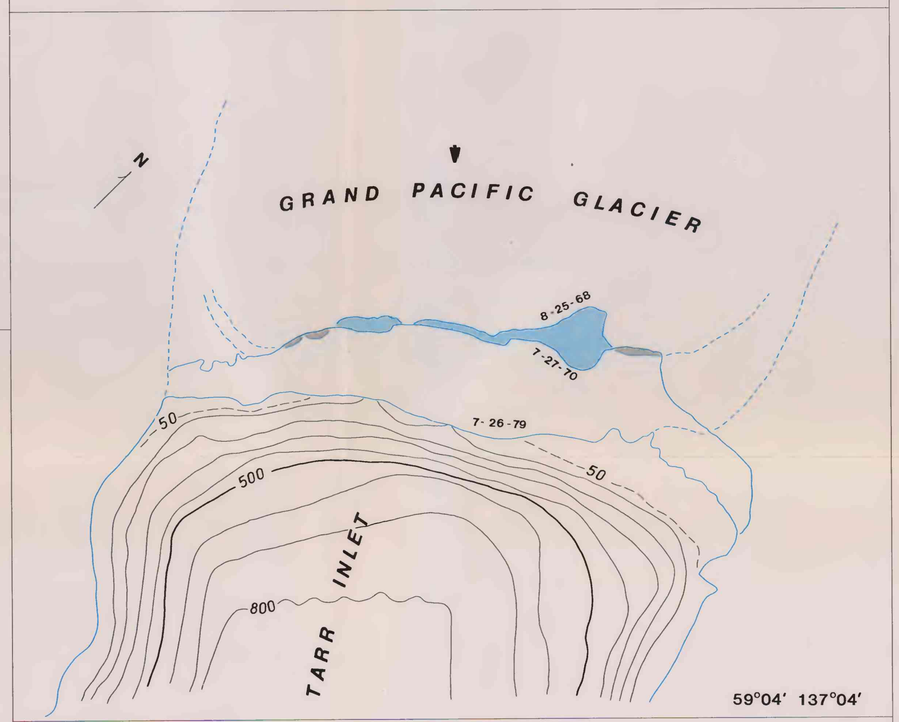

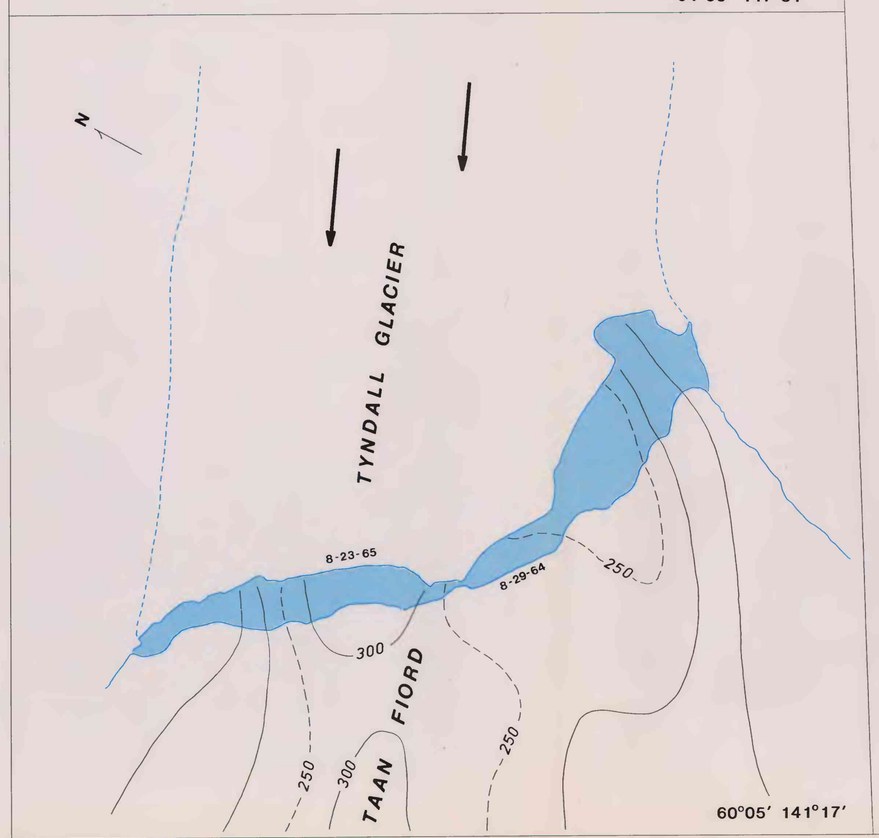

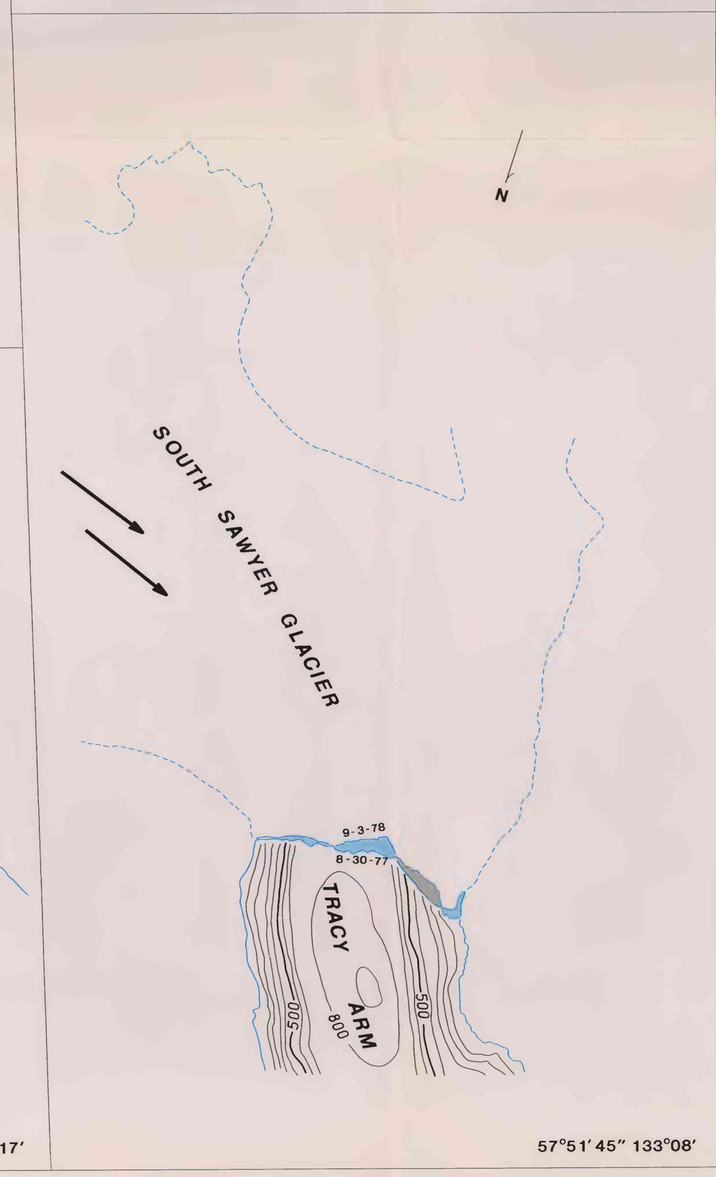

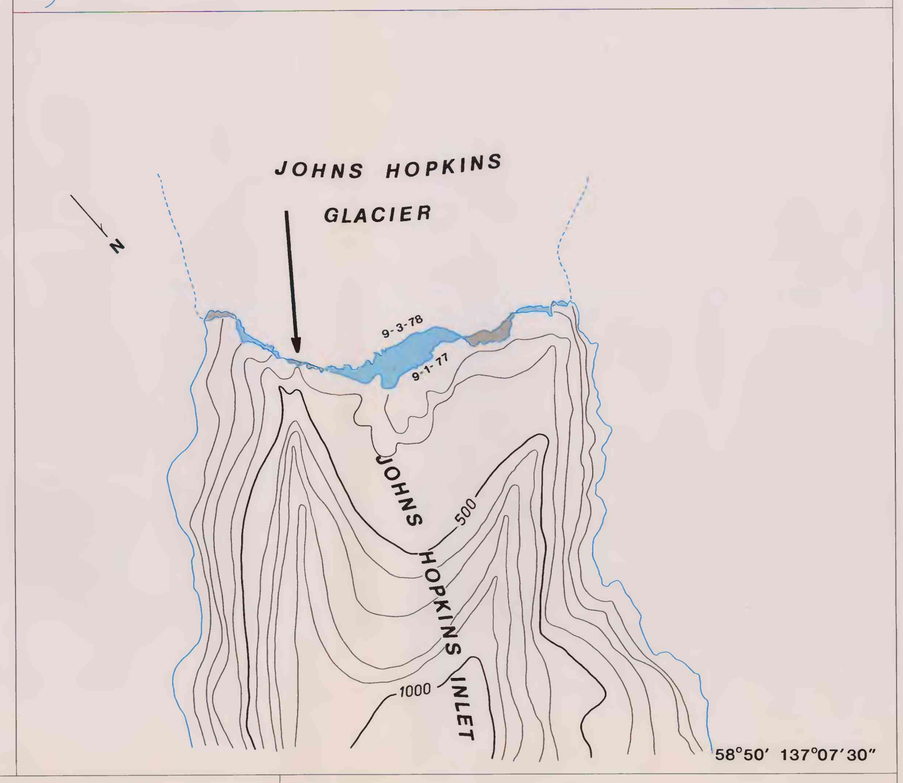

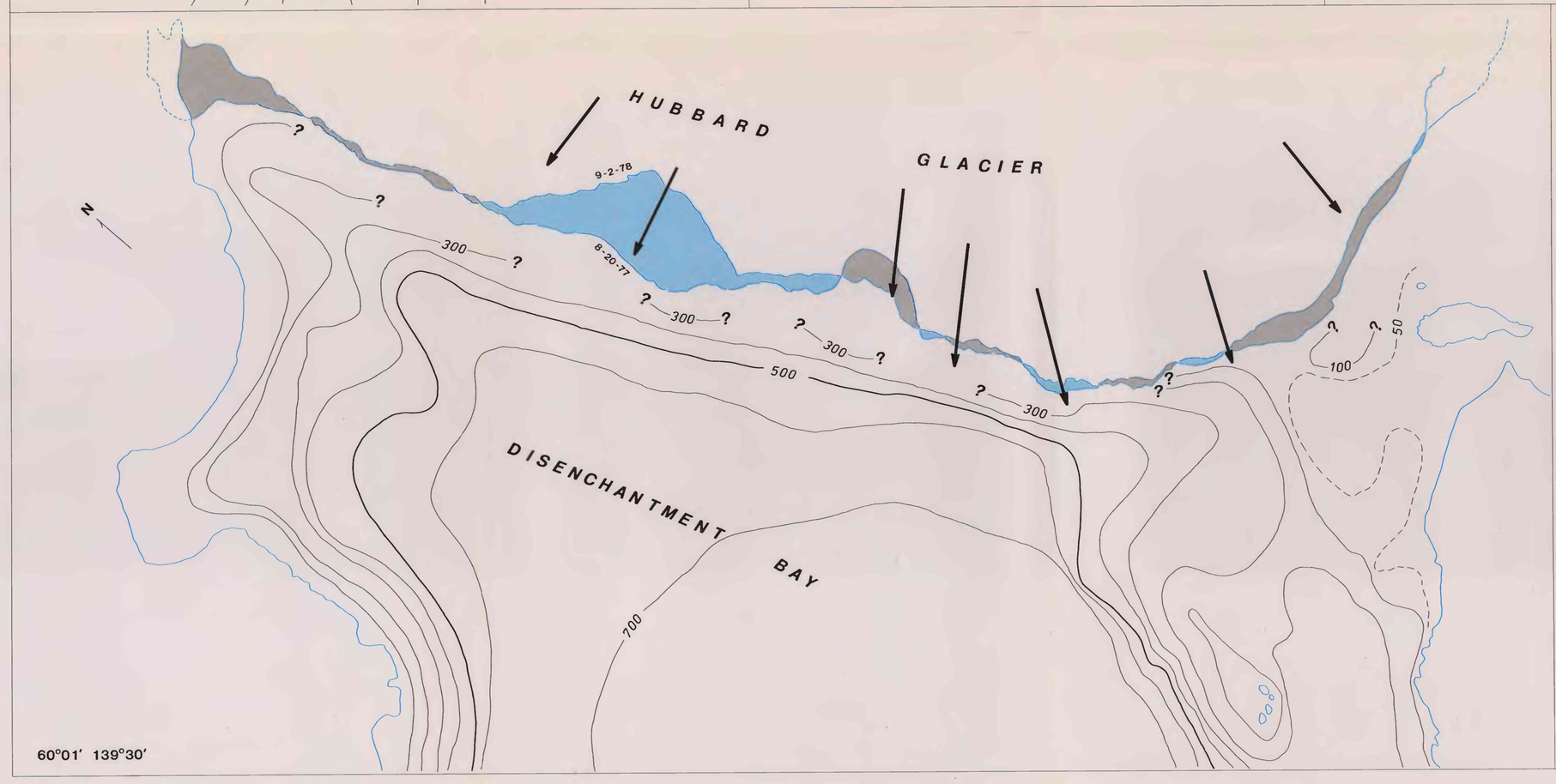

EXPLANATION

- Terminus and shore line
- Glacier boundary
- 500 Bathymetry contours
- ? Bathymetry undetermined
- Glacier retreat
- Glacier advance
- Velocity vectors

0 — 5000 METERS PER YEAR
Velocity scale

Conversion scale feet to meters

feet	meters
8000	
7000	2000
6000	
5000	1500
4000	1000
3000	
2000	500
1000	
0	0

Diagram showing the bathymetry at the terminus, with a few dashed intermediate contours; velocity vectors used, centered over the measured displacement; and the terminus positions used to determine the rate of advance/retreat. Sources of information are given in tables 2, 4, and 5. Latitude and longitude coordinates refer to center of terminus.

Scale 1:20000

0 — 1 KILOMETER

Bathymetry Contour Interval 100 feet (30.5 meters)

INTERIOR—GEOLOGICAL SURVEY, RESTON, VA.—1982—WB2626

ADVANCE, RETREAT, VELOCITY, AND BATHYMETRY AT THE TERMINI FOR NINE TIDEWATER GLACIERS IN ALASKA