



**EXPLANATION**

- Speed values obtained from:  
 457 Stake surveys  
 591 Photogrammetry  
 (240) Ogive spacing  
 200 Speed contour, contour interval 100 m/a;  
 supplementary contours at intervals of  
 20 m/a are dashed  
 Ice surface topography shown in blue, contour  
 interval 100 m  
 ⚭ - coordinates indicated by small blue circles with  
 values in kilometers

Scale 1:100 000  
 1 0 1 2 3 4 5 KILOMETERS  
 National Geodetic Vertical Datum of 1929

**SPEED DURING THE MEASUREMENT YEAR, FOR THE ENTIRE COLUMBIA GLACIER**

Base map interpolated from U.S. Geological Survey, Alaska 1:63,360 quadrangle maps, Anchorage A-1, B-1; Valdez A-7, A-8, B-7, B-8; Seward D-1; Cordova D-7, D-8. Glacier contours modified using August, 1978 survey of ice surface altitude. Terminus from August 26, 1978, air photos.