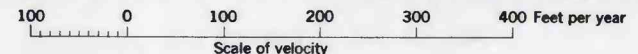


VELOCITY VECTORS AND CALCULATED VERTICAL VELOCITY PROFILES AND STREAMLINES IN A LONGITUDINAL SECTION



EXPLANATION

d
Thickness of the glacier, in feet

V_o
Velocity on the surface, in feet per year

V_b
Velocity of slip on the bed, in feet per year

V_a
An "average" velocity, $\equiv Q/d$, in feet per year

Q
Discharge through a vertical rectangle of unit width, in cubic feet per year

Measured velocity vector

Streamline showing a calculated point

Calculated velocity-depth profile