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

EXPLANATION

- Thickness of the glacier, in feet
- Velocity on the surface, in feet per year
- Velocity of slip on the bed, in feet per year
- Streamline showing a calculated point
- Measured velocity vector

Scale of velocity:

- 100 feet per year
- 200 feet per year
- 300 feet per year
- 400 feet per year

Diagram showing:

- r:
- g:
- T:
- v:
- r:
- s:
- u:
- v:
- w:
- x:
- y:
- z:

Diagram notes:

- An "average" velocity, v, in feet per year
- Discharge through a vertical rectangle of
- Width, in cubic feet per year