



A diagram of a rectangular plate, shaded light blue, with a vertical line through its center. The left boundary has a purple arrow pointing up and the text  $u_x = 0$  and  $\dot{u}_y = +1.0 \text{ cm/yr}$ . The right boundary has a purple arrow pointing down and the text  $u_x = 0$  and  $\dot{u}_y = -1.0 \text{ cm/yr}$ . The central vertical line has two purple arrows: one pointing up labeled  $d = -1.0\text{m}$  and  $t \geq 100\text{yr}$ , and one pointing down labeled  $d = -3.0\text{m}$  and  $t \geq 200\text{yr}$ .

$$u_x = 0$$
$$\dot{u}_y = +1.0 \text{ cm/yr}$$

$$d = -1.0\text{m}$$

$$t \geq 100\text{yr}$$

$$d = -3.0\text{m}$$

$$t \geq 200\text{yr}$$

$$u_x = 0$$
$$\dot{u}_y = -1.0 \text{ cm/yr}$$