
Parameter

Value (units)

Basal dragging coefficient

$$C = 20 \text{ (} 10^{-5} \text{ yr m}^{-1}\text{)}$$

Calving threshold

$$H_{\text{calv}} = 200 \text{ (m)}$$

Conversion factor PDDs to melt for snow

$$f_{\text{PDD}_{\text{snow}}} = 0.003 \text{ (mwe/PDD)}$$

Conversion factor PDDs to melt for ice

$$f_{\text{PDD}_{\text{ice}}} = 0.008 \text{ (mwe/PDD)}$$

SD of near-surface temperature

$$\sigma = 5 \text{ (K)}$$

Annual lapse rate

$$\Gamma_{\text{tann}} = 0.0080 \text{ (K m}^{-1}\text{)}$$

Summer lapse rate

$$\Gamma_{\text{tsum}} = 0.0065 \text{ (K m}^{-1}\text{)}$$
