

APPENDIX B

Constants used in frost equations

$e_s(T_0)$ = saturation vapor pressure at freezing point = 6.08 Mb

L_d = latent heat of deposition = 2834 J g⁻¹

R_v = specific gas constant for water vapor = 461 J deg⁻¹ kg⁻¹

ρ_f = 0.1 x density of ice = 0.1 g cm⁻³

= 0.62