

Basic

Wind

Rad / Geo

Surface

Species

Reactions

Adv. surf

Time settings

t 12 [h]

 Δt 60 [s] T_{diurnal} 12 [h]

Boundary layer

 h_0 200 [m] β 0.2 [-] p_s 1013 [hPa] $\text{div}(U_h)$ 0 [s^{-1}]☒ Mixed-layer☐ Fix free atmosphere

Potential temperature

 θ_0 288 [K] $\Delta \theta_0$ 1 [K] γ_θ 0.006 [K m^{-1}] θ_{adv} 0 [K s^{-1}] $(w'\theta')_s$ 0.1 [K m s^{-1}]☐ Diurnal cycle

Moisture

 q_0 8 [g kg^{-1}] Δq_0 -1 [g kg^{-1}] Y_q 0 [$\text{g kg}^{-1} \text{ m}^{-1}$] q_{adv} 0 [$\text{g kg}^{-1} \text{ s}^{-1}$] $(w'q')_s$ 0.1 [$\text{g kg}^{-1} \text{ m s}^{-1}$]☐ Diurnal cycle

Run name

CONTROL

Name

CONTROL

New

Clone

Delete

Export

Graph

Start simulation

Cancel