

Basic

Wind

Rad / Geo

Surface

Species

Reactions

Adv. surf

☒ Wind f_c 0.0001 [s⁻¹]☒ Shear effect we u^* 0.3 [m s⁻¹]

U-component

 u_0 6 [m s⁻¹] u_g 10 [m s⁻¹] Y_u 0 [s⁻¹] u_{adv} 0 [m s⁻²]

V-component

 v_0 -4 [m s⁻¹] v_g 0 [m s⁻¹] Y_v 0 [s⁻¹] v_{adv} 0 [m s⁻²]CO₂ $CO_{2;0}$ 422 [ppm] $\Delta CO_{2;0}$ -44 [ppm] Y_{CO_2} 0 [ppm m⁻¹] $CO_{2;adv}$ 0 [ppm s⁻¹] $(w'CO_2')$ 0 [mgC m⁻²s⁻¹]

Scalar

 S_0 0 [ppm] ΔS_0 0 [ppm] Y_s 0 [ppm m⁻¹] S_{adv} 0 [ppm s⁻¹] $(w'S')_s$ 0 [ppm m s⁻¹]

Run name

CONTROL

Name

CONTROL

New

Clone

Delete

Export

Graph

Start simulation

Cancel