

Quantity	Unit	Value
Number of grid points	(-)	$600 \times 600 \times 240$
Spatial resolution (dx, dy, dz)	(m)	10.0, 10.0, 10.0
Domain size	(m ³)	$6000 \times 6000 \times 2400$
Temporal resolution	(s)	1.0
Spin-up time	(s)	7200.0
Data capture	(s)	7200.0–21 600.0
Averaging interval	(s)	3600.0
Size of the control volume	(m ³)	$50.0 \times 50.0 \times 50.0$
Approximate wall time for one simulation	(core-hours)	5500
Roughness length	(m)	0.1
Surface moisture flux	(kg kg ⁻¹ m s ⁻¹)	$5e^{-6}$