

Exp.	State variables	Sites	Time period	Assimilated frequencies	Acronyms
A	T_{air} , wind, precipitation	1, 9, 12,	1 November 2014	ΔT_B 19-37	DA1_DTB19-37
	SW_{down} ,	one winter	to 1 May 2015	ΔT_B 19-37 and ΔT_B 11-19	DA2_DTB19-37, DTB11-19
	LW_{down}			T_B 11, T_B 19, T_B 37	DA3_TB_11,19,37
B	T_{air} , wind, precipitation,	12 sites,	From 1 November	T_B 11, T_B 19, T_B 37	DA_b_TB_11,19,37
	SW_{down} ,	43 winter	to 1 May, winters		
	LW_{down}	simulations	2012 to 2016		
C	T_{air} , wind, precipitation,	12 sites,	From 1 November		
	SW_{down} ,	43 winter	to 1 May, winters	T_B 11, T_B 19, T_B 37	DA_c_TB_11,19,37
	LW_{down} , ω ,	simulations	2012 to 2016		
	τ_{snow}				