

Case	$U_g$ [m s <sup>-1</sup> ]	$z_0$ [m]	$\Delta x$ [m]	$\Delta z$ [m]	$l$ [m]	$\alpha$	$n_x$	$n_z$	$O(h)$	$O(v)$	SFS model
W1	6.5	0.05	25	7.5	16.74	3.3	96	175	5	3	Lilly
W2	7.15	0.1	25	7.5	16.74	3.3	96	175	5	3	Lilly
W3	5.85	0.01	25	7.5	16.74	3.3	96	175	5	3	Lilly
W4	6.5	0.05	15	5	10.40	3	160	249	5	3	Lilly
W5	6.5	0.05	25	7.5	16.74	3.3	96	175	2	2	Lilly
W6	6.5	0.05	15	15	15.00	1	160	97	5	3	Lilly
W7	6.5	0.05	25	7.5	16.74	3.3	96	175	2	2	SMAG
W8	6.5	0.05	15	15	15.00	1	160	97	2	2	SMAG
W9	6.5	0.05	25	7.5	16.74	3.3	96	175	5	3	NBA-TKE
W10	6.5	0.05	25	7.5	16.74	3.3	96	175	4	4	NBA-TKE
W11	6.5	0.05	25	7.5	16.74	3.3	96	175	4	2	NBA-TKE
W12	6.5	0.05	25	7.5	16.74	3.3	96	175	4	4	NBA-SR
W13	6.5	0.05	25	7.5	16.74	3.3	96	175	4	2	NBA-SR
W14	6.5	0.1	25	7.5	16.74	3.3	96	175	5	3	Lilly
W15	6.5	0.1	25	7.5	16.74	3.3	96	175	5	3	SMAG
W16	6.5	0.1	25	7.5	16.74	3.3	96	175	5	3	NBA-SR
S1	6.5	0.05	15	15	15.00	1	160	96	2	2	Lilly
S2	7.15	0.1	15	15	15.00	1	160	96	2	2	Lilly
S3	5.85	0.01	15	15	15.00	1	160	96	2	2	Lilly
S4	6.5	0.05	7.5	7.5	7.50	1	320	175	2	2	Lilly
S5	6.5	0.05	15	15	15.00	1	160	96	2	2	Lilly
S6	6.5	0.05	25	7.5	16.74	3.3	96	175	2	2	Lilly
S7	6.5	0.05	25	7.5	16.74	3.3	96	175	2	2	SMAG
S8	6.5	0.05	15	15	15.00	1	160	96	2	2	SMAG
S9	6.5	0.05	15	15	15.00	1	160	96	2	2	SMAG*
S10	6.5	0.05	7.5	7.5	7.5	1	320	175	2	2	Lilly*
S11	6.5	0.05	15	15	15.00	1	160	96	2	2	NBA-TKE
H1	6.5	0.05	15	15	15.00	1	160	98	5	5	Lilly
H2	7.15	0.1	15	15	15.00	1	160	98	5	5	Lilly
H3	5.85	0.01	15	15	15.00	1	160	98	5	5	Lilly
H4	6.5	0.05	7.5	7.5	7.50	1	320	174	5	5	Lilly
H5	6.5	0.05	15	15	15.00	1	160	98	3	3	Lilly
H6	6.5	0.05	25	7.5	16.74	3.3	96	174	5	5	Lilly