(a)

Slope orientation	$8.6 \cdot 10^{-2}$	$8.6 \cdot 10^{-1}$	**8.6**	$4.3 \cdot 10^{+1}$
N	0.7/**2.1**/3.1	2.1/**5.2**/9.5	5.0/**8.7**/16.7	6.9/**13.9**/17.7
NE	1.6/**3.5**/6.8	7.8/**12.8**/20.3	13.0/**18.8**/24.7	13.2/**18.4**/24.3
E	1.9/**3.5**/6.6	6.2/**9.0**/14.1	14.2/**18.4**/21.7	15.5/**20.8**/24.7
SE	1.0/**2.4**/7.1	4.7/**8.0**/13.2	5.6/**11.5**/17.0	8.0/**14.2**/18.4
S	1.0/**1.7**/4.3	4.2/**6.2**/8.7	5.7/**10.8**/16.0	8.2/**13.9**/17.4
SW	1.0/**2.8**/6.6	4.3/**8.0**/14.6	10.9/**15.3**/20.3	11.8/**16.7**/23.6
W	0.7/**2.4**/6.6	7.8/**10.8**/13.5	14.6/**19.1**/21.4	19.3/**25.0**/31.4
NW	1.2/**2.8**/3.8	4.2/**9.7**/13.9	10.1/**14.6**/21.0	11.5/**17.0**/24.8

Mass (g m^{-2})

Probability to have more stable snowpack with dust contamination (%)

(b)

Slope orientation	$8.6 \cdot 10^{-2}$	$8.6 \cdot 10^{-1}$	**8.6**	$4.3 \cdot 10^{+1}$
N	0.3/**1.4**/2.6	1.2/**2.8**/9.2	3.3/**6.6**/13.9	2.4/**6.2**/12.7
NE	0.9/**1.7**/4.2	2.1/**4.2**/7.3	0.3/**1.7**/4.3	0.7/**3.1**/4.9
E	1.4/**3.5**/4.5	2.1/**3.8**/6.4	3.1/**6.9**/10.8	2.6/**4.9**/7.8
SE	0.9/**1.7**/3.5	2.1/**5.2**/6.9	2.8/**4.9**/7.1	2.4/**4.5**/8.2
S	1.0/**2.4**/3.3	2.4/**4.9**/6.2	2.1/**4.5**/6.8	2.3/**4.5**/6.8
SW	1.6/**2.8**/3.8	3.0/**5.2**/10.2	1.7/**4.5**/8.2	1.4/**3.8**/7.8
W	0.7/**1.4**/4.2	1.2/**3.8**/8.7	2.6/**5.6**/11.1	3.1/**5.9**/10.9
NW	0.7/**1.0**/3.5	2.3/**5.6**/9.0	0.3/**5.6**/8.9	0.3/**1.7**/5.6

Mass (g m^{-2})

Probability to have less stable snowpack with dust contamination (%)