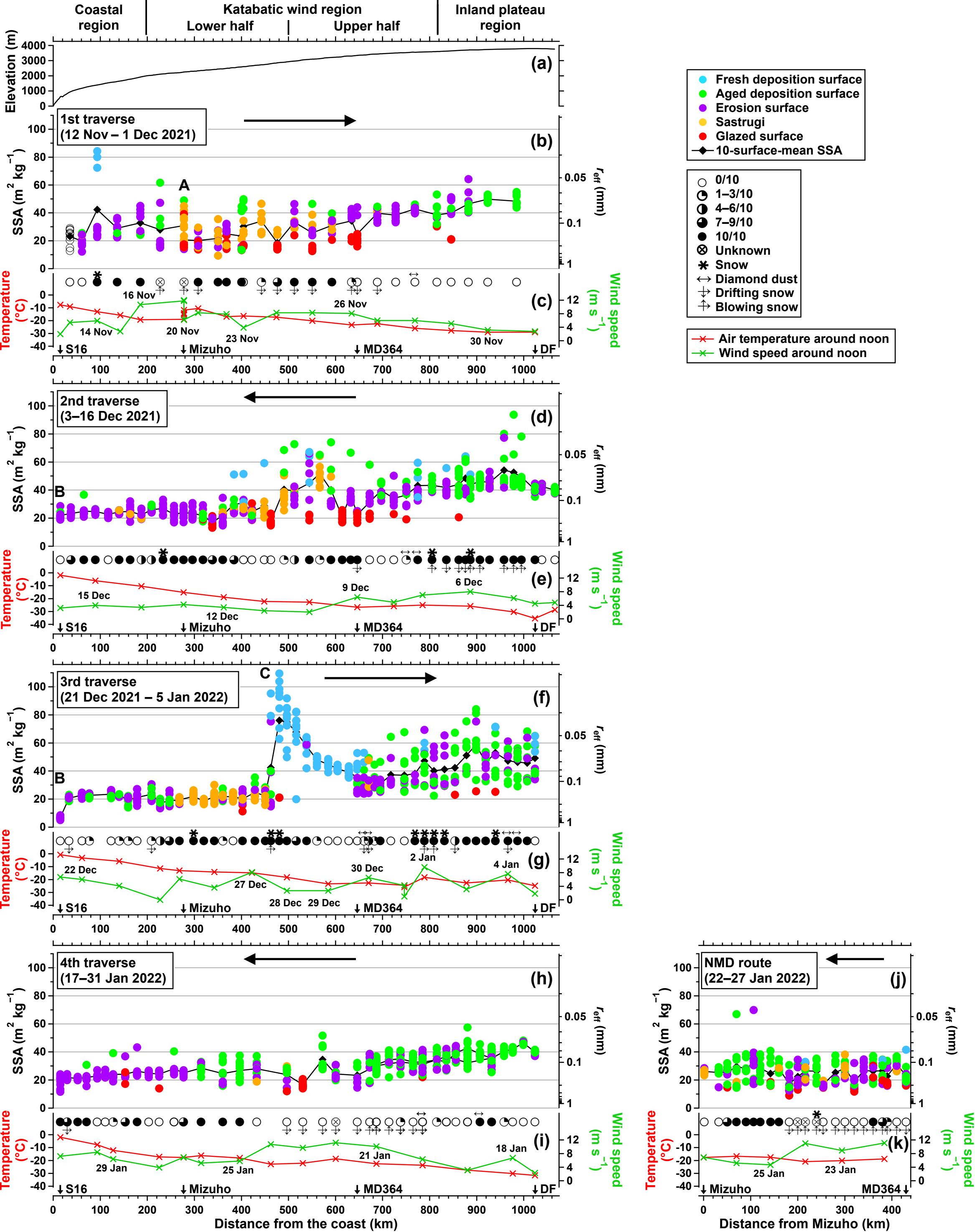
Coastal region
Katabatic wind region
Lower half
Upper half
Inland plateau region
Elevation (m)
(a)
1st traverse
(12 Nov – 1 Dec 2021)
(b)
SSA (m² kg⁻¹)
r_{eff} (mm)
A
(c)
Temperature (°C)
Wind speed (m s⁻¹)
16 Nov
14 Nov
20 Nov
23 Nov
26 Nov
30 Nov
S16
Mizuho
MD364
DF
2nd traverse
(3–16 Dec 2021)
(d)
B
(e)
15 Dec
12 Dec
9 Dec
6 Dec
3rd traverse
(21 Dec 2021 – 5 Jan 2022)
(f)
C
(g)
22 Dec
27 Dec
28 Dec
29 Dec
30 Dec
2 Jan
4 Jan
4th traverse
(17–31 Jan 2022)
(h)
(i)
29 Jan
25 Jan
21 Jan
18 Jan
Distance from the coast (km)
NMD route
(22–27 Jan 2022)
(j)
(k)
25 Jan
23 Jan
Mizuho
MD364
Distance from Mizuho (km)
Fresh deposition surface
Aged deposition surface
Erosion surface
Sastrugi
Glazed surface
10-surface-mean SSA
0/10
1–3/10
4–6/10
7–9/10
10/10
Unknown
Snow
Diamond dust
Drifting snow
Blowing snow
Air temperature around noon
Wind speed around noon