

Season		Spring	Summer	Fall	Winter
CCN Number	0.1 % SS	11.2 ± 13.3	40.1 ± 34.2	9.7 ± 6.6	7.1 ± 8.5
Concentration (cm <sup>-3</sup> )		(0.07 ± 0.06)	(0.08 ± 0.06)	(0.06 ± 0.05)	(0.1 ± 0.09)
(CCN / SLCE-removed CN)	0.2 % SS	37.9 ± 36.4	131 ± 80.2	48.2 ± 29.3	18.6 ± 20.5
		(0.19 ± 0.11)	(0.26 ± 0.12)	(0.29 ± 0.11)	(0.26 ± 0.14)
	0.5 % SS	72.1 ± 48.5	276.4 ± 147.9	104 ± 60.7	33.3 ± 25.3
		(0.37 ± 0.20)	(0.56 ± 0.24)	(0.63 ± 0.20)	(0.49 ± 0.26)
	0.8 % SS	99.7 ± 73.9	348 ± 203	124 ± 72.3	42.9 ± 39.6
		(0.5 ± 0.23)	(0.68 ± 0.25)	(0.75 ± 0.23)	(0.57 ± 0.29)
	1 % SS	117 ± 110	371 ± 234	132 ± 77.5	48.5 ± 50.2
		(0.55 ± 0.24)	(0.73 ± 0.26)	(0.8 ± 0.23)	(0.6 ± 0.30)
CN (cm <sup>-3</sup> )	CN SLCE-removed	161 ± 94	400 ± 228	141 ± 88	65 ± 77
	CN	376 ± 571	740 ± 693	241 ± 187	237 ± 502
Absorption (mM <sup>-1</sup> )		0.2 ± 0.47	0.34 ± 0.66	0.16 ± 0.66	0.2 ± 0.50
Measured FTIR OM		0.06 ± 0.04	0.27 ± 0.16	0.07 ± 0.06	0.04 ± 0.02
(µg m <sup>-3</sup> )					
PMF of FTIR OM	FFC OM	0.03 ± 0.01	0.06 ± 0.05	0.03 ± 0.02	0.03 ± 0.02
	(µg m <sup>-3</sup> )				
	M&S OM	0.018 ± 0.028	0.155 ± 0.121	0.026 ± 0.046	0.001 ± 0.001
	(µg m <sup>-3</sup> )				
	Residual / FFC	0.40 ± 0.72	0.63 ± 0.84	0.36 ± 0.49	0.28 ± 0.52
	Residual / M&S	1.12 ± 0.97	0.33 ± 0.46	1.03 ± 0.63	9.22 ± 7.74