	Winter				Spring				Summer				Autumn			
Characteristic	$N = 6^{1}$	$N = 6^{1}$	Difference ²	p- value ²	$N = 6^{1}$	$ \begin{array}{c} \mathbf{II} \\ \mathbf{N} = 7^{1} \end{array} $	Difference ²	p- value ²	$N = 6^{1}$	$N = 7^1$	Difference ²	p- value ²	$N = 6^{1}$	$N = 6^{1}$	Difference ²	p- value ²
UB																
r	0.82 (0.05)	0.66 (0.17)	-0.16	0.067	0.80 (0.13)	0.82 (0.15)	0.01	0.9	0.75 (0.22)	1.01 (0.20)	0.26	0.049	0.80 (0.15)	0.77 (0.26)	-0.02	0.8
PM2.5 (µg/m3)	0.15 (0.01)	0.07 (0.01)	-0.08	<0.001	0.034 (0.008)	0.021 (0.005)	-0.01	0.010	0.018 (0.012)	0.020 (0.004)	0.00	0.7	0.047 (0.007)	0.032 (0.008)	-0.01	0.008
PM10 (µg/m3)	0.18 (0.03)	0.11 (0.04)	-0.07	0.004	0.041 (0.003)	0.026 (0.005)	-0.02	<0.001	0.024 (0.016)	0.020 (0.012)	0.00	0.6	0.058 (0.012)	0.043 (0.017)	-0.01	0.12
WS (m/s)	1.14 (0.09)	1.17 (0.19)	0.03	0.7	1.58 (0.09)	1.51 (0.11)	-0.07	0.3	1.38 (0.08)	1.28 (0.08)	-0.10	0.050	1.25 (0.09)	1.24 (0.12)	-0.01	8.0
WD (deg)	164 (11)	189 (37)	25	0.2	188 (12)	194 (9)	6.4	0.3	165.7 (6.8)	170.8 (3.3)	5.1	0.14	165 (12)	169 (12)	3.9	0.6
VIS (km)	7,769 (1,164)	12,893 (1,344)	5,123	<0.001	16,174 (920)	18,931 (430)	2,757	<0.001	18,801 (1,185)	19,706 (129)	906	0.12	15,393 (739)	18,140 (1,219)	2,747	0.001
DZ																
r	0.78 (0.04)	0.77 (0.06)	0.00	>0.9	0.662 (0.015)	0.722 (0.020)	0.06	<0.001	0.63 (0.10)	0.73 (0.10)	0.10	0.2	0.77 (0.05)	0.76 (0.11)	-0.01	8.0
PM2.5 (µg/m3)	0.065 (0.014)	0.102 (0.007)	0.04	<0.001	0.026 (0.004)	0.029 (0.004)	0.00	0.4	0.016 (0.010)	0.012 (0.008)	0.00	0.5	0.042 (0.019)	0.042 (0.013)	0.00	>0.9
PM10 (μg/m3)	0.084 (0.018)	0.132 (0.014)	0.05	0.002	0.040 (0.005)	0.040 (0.006)	0.00	>0.9	0.024 (0.012)	0.017 (0.010)	-0.01	0.3	0.054 (0.021)	0.054 (0.011)	0.00	>0.9
WS (m/s)	2.66 (0.25)	2.18 (0.16)	-0.48	0.006	3.00 (0.97)	2.64 (0.26)	-0.36	0.4	2.51 (0.59)	2.48 (0.06)	-0.03	>0.9	2.60 (0.21)	2.32 (0.09)	-0.28	0.031
WD (deg)	239.7 (4.6)	238.6 (6.1)	-1.2	8.0	233 (18)	232 (4)	-1.4	0.9	220 (14)	228 (7)	7.5	0.3	229.4 (7.8)	230.7 (4.3)	1.3	8.0
VIS (km)	11,175 (988)	13,603 (165)	2,428	0.002	15,448 (779)	15,495 (410)	47	>0.9	17,438 (691)	16,543 (454)	-895	0.039	15,023 (1,400)	15,459 (451)	436	0.5
ZU																
r	0.61 (0.09)	0.68 (0.10)	0.07	0.2	0.57 (0.09)	0.58 (0.06)	0.00	>0.9	0.62 (0.17)	0.56 (0.08)	-0.06	0.5	0.63 (0.09)	0.66 (0.07)	0.03	0.6
PM2.5 (µg/m3)	0.022 (0.004)	0.017 (0.005)	0.00	0.077	0.022 (0.008)	0.019 (0.006)	0.00	0.4	0.014 (0.004)	0.013 (0.004)	0.00	0.8	0.0152 (0.0026)	0.0156 (0.0018)	0.00	0.8
PM10 (µg/m3)	0.036 (0.007)	0.026 (0.009)	-0.01	0.034	0.039 (0.010)	0.034 (0.016)	0.00	0.5	0.022 (0.004)	0.023 (0.004)	0.00	0.8	0.024 (0.004)	0.024 (0.004)	0.00	0.9
WS (m/s)	2.27 (0.53)	2.06 (0.31)	-0.21	0.4	2.94 (0.18)	2.43 (0.20)	-0.51	<0.001	2.23 (0.07)	2.01 (0.15)	-0.22	0.051	2.29 (0.24)	2.08 (0.11)	-0.21	0.10
WD (deg)	224 (12)	225 (21)	1.3	0.9	202 (11)	200 (7)	-2.7	0.6	180 (5)	171 (14)	-8.4	0.3	212.3 (8.9)	211.2 (3.5)	-1.1	0.8
VIS (km)	13,921 (834)	16,597 (523)	2,676	<0.001	15,360 (988)	17,068 (763)	1,708	0.007	17,670 (797)	18,433 (744)	764	0.2	16,580 (919)	17,451 (353)	871	0.074
SS																
r	0.58 (0.09)	0.50 (0.05)	-0.08	0.092	0.58 (0.11)	0.51 (0.05)	-0.07	0.2	0.56 (0.11)	0.49 (0.06)	-0.07	0.2	0.57 (0.03)	0.49 (0.06)	-0.09	0.014
PM2.5 (µg/m3)	0.0047 (0.0011)	0.0045 (0.0007)	0.00	0.6	0.0054 (0.0019)	0.0044 (0.0007)	0.00	0.2	0.0054 (0.0032)	0.0042 (0.0008)	0.00	0.4	0.0038 (0.0006)	0.0044 (0.0006)	0.00	0.11
PM10 (µg/m3)	0.0082 (0.0016)	0.0090 (0.0011)	0.00	0.3	0.0094 (0.0028)	0.0086 (0.0012)	0.00	0.6	0.011 (0.011)	0.009 (0.002)	0.00	0.6	0.0066 (0.0007)	0.0091 (0.0018)	0.00	0.017
WS (m/s)	3.40 (0.37)	3.37 (0.68)	-0.03	>0.9	3.96 (0.31)	3.78 (0.31)	-0.18	0.3	3.05 (0.13)	2.83 (0.04)	-0.22	0.008	3.09 (0.29)	3.02 (0.16)	-0.07	0.6
WD (deg)	253 (8)	258 (12)	5.4	0.4	251 (5)	247 (13)	-4.3	0.4	232.9 (7.9)	230.1 (2.6)	-2.8	0.4	243.0 (5.6)	241.4 (6.9)	-1.6	0.7
2	re and post [2014] van Difference; Wel	_	_	, respective	ely; Mean (SD)											