

Table X2.

	Spatial mean of grid box trend			Trend in spatial mean (original Table 3)		
	North	Central	South	North	Central	South
Mean [$\mu\text{g m}^{-3} \text{ year}^{-1}$]	+0.18	+0.13	+0.18	+0.18*	+0.13	+0.18*
SOMO35 [ppb(v) d year^{-1}]	+14	-3.1***	-4.7***	+14	-3.1	-4.7
Maximum 8h mean [$\mu\text{g m}^{-3} \text{ year}^{-1}$]	-0.11***	-0.68***	-1.2***	-0.11	-0.68**	-1.2**
Maximum 1h mean [$\mu\text{g m}^{-3} \text{ year}^{-1}$]	-0.14***	-0.82***	-1.4***	-0.14	-0.82**	-1.4***
AOT40c [ppm(v) h year^{-1}]	-0.01***	-0.07***	-0.09***	-0.01	-0.07*	-0.09
AOT40f [ppm(v) h year^{-1}]	0.03*	-0.09***	-0.12***	+0.03	-0.09	-0.12*
#hours >80 $\mu\text{g m}^{-3}$ [# year^{-1}]	+26	+1.7	+6.6	+26*	+1.7	+6.6
#days >70 $\mu\text{g m}^{-3}$ [# year^{-1}]	+1.3	+0.73	+1.1	+1.3	+0.73	+1.1
#days >120 $\mu\text{g m}^{-3}$ [# year^{-1}]	+0.01**	-0.12***	-0.32***	+0.01	-0.12*	-0.32**