

Table X1.

	1990-2013			1991-2013			1992-2013		
	North	Central	South	North	Central	South	North	Central	South
Mean [$\mu\text{g m}^{-3} \text{ year}^{-1}$]	+0.18*	0.13	+0.18*	0.14	0.09	0.16	0.07	0.04	0.12
SOMO35 [ppb(v) d year^{-1}]	14.32	-3.05	-4.65	10.91	-5.84	-4.2	4.68	-12.15	-10.81
Maximum 8h mean [$\mu\text{g m}^{-3} \text{ year}^{-1}$]	-0.11	-0.68**	-1.16**	-0.06	-0.61*	-0.99**	-0.23	-0.82***	-1.30***
Maximum 1h mean [$\mu\text{g m}^{-3} \text{ year}^{-1}$]	-0.14	-0.82**	-1.36***	-0.08	-0.71**	-1.17**	-0.27	-0.94***	-1.50***
AOT40c [ppm(v) h year^{-1}]	-0.01	-0.07*	-0.09	-0.02	-0.08*	-0.09	-0.04*	-0.11**	-0.13*
AOT40f [ppm(v) h year^{-1}]	0.03	-0.09	-0.12*	0.01	-0.10*	-0.12	-0.02	-0.14**	-0.16*
#hours >80 $\mu\text{g m}^{-3}$ [# year^{-1}]	+26.32*	1.7	6.61	20.95	-2.18	5.56	12.3	-8.51	-0.29
#days >70 $\mu\text{g m}^{-3}$ [# year^{-1}]	1.31	0.73	1.12	1.03	0.39	1	0.54	-0.03	0.69
#days >120 $\mu\text{g m}^{-3}$ [# year^{-1}]	0.01	-0.12*	-0.32**	0.01	-0.11*	-0.28*	0	-0.15**	-0.36**
	1990-2012			1990-2011					
	North	Central	South	North	Central	South			
Mean [$\mu\text{g m}^{-3} \text{ year}^{-1}$]	0.16	0.13	0.15	+0.21*	+0.18*	0.17			
SOMO35 [ppb(v) d year^{-1}]	13.87	-1.99	-7.46	+18.92*	3.56	-4.66			
Maximum 8h mean [$\mu\text{g m}^{-3} \text{ year}^{-1}$]	-0.23	-0.63*	-1.10**	-0.06	-0.53*	-1.05*			
Maximum 1h mean [$\mu\text{g m}^{-3} \text{ year}^{-1}$]	-0.23	-0.76**	-1.32**	-0.11	-0.64*	-1.26**			
AOT40c [ppm(v) h year^{-1}]	-0.01	-0.06	-0.09	0	-0.05	-0.09			
AOT40f [ppm(v) h year^{-1}]	0.03	-0.08	-0.13*	0.05	-0.05	-0.12			
#hours >80 $\mu\text{g m}^{-3}$ [# year^{-1}]	+26.03*	1.95	2.6	+32.94*	8.07	5.73			
#days >70 $\mu\text{g m}^{-3}$ [# year^{-1}]	1.14	0.82	0.92	1.53	1.28	1.12			
#days >120 $\mu\text{g m}^{-3}$ [# year^{-1}]	0	-0.11*	-0.32**	0.01	-0.1	-0.31*			