

Pollution Removal by Trees and Shrubs - Monthly Removal

Location: Springfield, Hampden, Massachusetts, United States of America

Project: Springfield Squares, Series: Parks, Year: 2018

Generated: 4/8/2019



Pollutant	Month	Removal (pounds)			Value (\$)		
		Mean	Max	Min	Mean	Max	Min
CO	1	0.006	N/A	N/A	0.00	N/A	N/A
	2	0.006	N/A	N/A	0.00	N/A	N/A
	3	0.006	N/A	N/A	0.00	N/A	N/A
	4	0.024	N/A	N/A	0.02	N/A	N/A
	5	0.080	N/A	N/A	0.06	N/A	N/A
	6	0.069	N/A	N/A	0.05	N/A	N/A
	7	0.094	N/A	N/A	0.06	N/A	N/A
	8	0.077	N/A	N/A	0.05	N/A	N/A
	9	0.077	N/A	N/A	0.05	N/A	N/A
	10	0.011	N/A	N/A	0.01	N/A	N/A
	11	0.005	N/A	N/A	0.00	N/A	N/A
	12	0.005	N/A	N/A	0.00	N/A	N/A
	Annual	0.458	N/A	N/A	0.32	N/A	N/A
NO2	1	0.319	0.319	0.319	0.12	0.12	0.12
	2	0.332	0.332	0.332	0.12	0.12	0.12
	3	0.302	0.302	0.302	0.11	0.11	0.11
	4	0.355	0.479	0.280	0.13	0.17	0.10
	5	0.817	1.255	0.333	0.30	0.46	0.12
	6	0.638	0.879	0.232	0.23	0.32	0.08
	7	0.649	0.956	0.255	0.24	0.35	0.09
	8	0.533	0.775	0.219	0.19	0.28	0.08
	9	0.565	0.826	0.248	0.21	0.30	0.09
	10	0.307	0.355	0.270	0.11	0.13	0.10
	11	0.222	0.222	0.222	0.08	0.08	0.08
	12	0.198	0.198	0.198	0.07	0.07	0.07

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		Mean	Max	Min	Mean	Max	Min
	Annual	5.237	6.898	3.211	1.90	2.50	1.17
O3	1	0.476	0.476	0.476	1.14	1.14	1.14
	2	0.496	0.496	0.496	1.19	1.19	1.19
	3	0.586	0.586	0.586	1.41	1.41	1.41
	4	1.645	2.483	1.011	3.95	5.97	2.43
	5	5.055	7.913	1.310	12.15	19.02	3.15
	6	4.395	5.998	0.941	10.56	14.42	2.26
	7	4.843	6.715	1.000	11.64	16.14	2.40
	8	4.113	5.629	0.883	9.89	13.53	2.12
	9	3.663	5.351	0.888	8.81	12.86	2.13
	10	1.010	1.231	0.723	2.43	2.96	1.74
	11	0.380	0.380	0.380	0.91	0.91	0.91
	12	0.270	0.270	0.270	0.65	0.65	0.65
	Annual	26.932	37.528	8.963	64.74	90.21	21.55
PM2.5	1	0.000	0.000	0.000	0.00	0.00	0.00
	2	0.000	0.000	0.000	0.00	0.00	0.00
	3	0.000	0.000	0.000	0.00	0.01	0.00
	4	0.058	0.163	0.011	4.70	13.14	0.91
	5	0.168	0.437	0.023	13.55	35.21	1.89
	6	0.245	0.561	0.029	19.74	45.20	2.32
	7	0.162	0.328	0.021	13.09	26.47	1.66
	8	0.091	0.196	0.012	7.32	15.80	0.95
	9	0.028	0.058	0.004	2.27	4.71	0.28
	10	0.032	0.075	0.004	2.61	6.03	0.32
	11	0.000	0.000	0.000	0.00	0.00	0.00

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	12	0.000	0.000	0.000	0.00	0.00	0.00
	Annual	0.785	1.819	0.104	63.29	146.56	8.34
SO2	1	0.027	0.027	0.027	0.00	0.00	0.00
	2	0.027	0.027	0.027	0.00	0.00	0.00
	3	0.023	0.023	0.023	0.00	0.00	0.00
	4	0.038	0.078	0.027	0.00	0.01	0.00
	5	0.203	0.385	0.091	0.02	0.04	0.01
	6	0.176	0.311	0.072	0.02	0.03	0.01
	7	0.189	0.349	0.079	0.02	0.03	0.01
	8	0.130	0.238	0.055	0.01	0.02	0.01
	9	0.169	0.312	0.076	0.02	0.03	0.01
	10	0.059	0.080	0.050	0.01	0.01	0.00
	11	0.046	0.046	0.046	0.00	0.00	0.00
	12	0.022	0.022	0.022	0.00	0.00	0.00
	Annual	1.109	1.897	0.596	0.11	0.18	0.06

Pollution removal value is calculated based on the prices of \$0.69 per pound (CO), \$2.40 per pound (O3), \$0.36 per pound (NO2), \$0.10 per pound (SO2), \$80.58 per pound (PM2.5). Min and max values for CO are not calculated.

A value of zero may indicate that ancillary data (pollution, weather, energy, etc.) may not available for this location or that the reported amounts are too small to be shown.