NEW YORK STATE | Department of Environmental Conservation

AMBIENT AIR QUALITY REPORT 2024

NEW YORK STATE AMBIENT AIR MONITORING PROGRAM

BUREAU OF AIR QUALITY SURVEILLANCE DIVISION OF AIR RESOURCES

Kathy Hochul, Governor | Amanda Lefton, Commissioner

Summary and background information

This technical document presents summary data on ambient air quality in New York State as it relates to the Environmental Protection Agency's (EPA) National Ambient Air Quality Standards (NAAQS). The information provided uses the same format as EPA NAAQS and may include data from air quality monitoring stations that are no longer operational.

The document covers pollutants for which there are NAAQS criteria, but does not include all measured pollutants. Additional details about programs managed by NYSDEC and information regarding instrumentation at specific sites can be found in the **Monitoring Network Plan**.

Further information on current and historical NAAQS, standards for regulatory action, health impacts of specific pollutants, and related topics is available at the **EPA's Criteria Air Pollutants webpage.**

Complete datasets can be downloaded and reviewed through the **EPA Air Data webpage using the API.**

Current Air Quality Index (AQI) forecasts and observations for New York State are provided on the **NYSDEC's AQI webpage.**

EPA National Ambient Air Quality Standards

Pollutant	Standard Type	NAAQS Basis	NAAQS Statistic	Standard Level
Ozone (O_3)	Primary/Secondary	8 hours	0.070 ppm	Annual fourth-highest daily maximum 8-hour concentration, averaged over 3 years
Nitrogen Dioxide (NO_2)	Primary	1 hour	100 ppb	Annual 98th percentile of 1-hour daily maximum concentrations, averaged over 3 years
Nitrogen Dioxide (NO_2)	Primary/Secondary	1 year	53 ppb	Annual Mean
Carbon Monoxide (CO)	Primary	8 hours	9 ppm	Not to be exceeded more than once per year
Carbon Monoxide (CO)	Primary	1 hour	35 ppm	Not to be exceeded more than once per year
Lead (Pb)	Primary/Secondary	Rolling 3-month average	0.15 $\mu g/m^3$	maximum arithmetic mean of 3 consecutive monthly means in a 3-year period
Particle Pollution (PM) $PM_{2.5}$	Primary	1 year	9.0 $\mu g/m^3$	annual mean, averaged over 3 years
Particle Pollution (PM) $PM_{2.5}$	Secondary	1 year	15.0 $\mu g/m^3$	annual mean, averaged over 3 years
Particle Pollution (PM) $PM_{2.5}$	Primary/Secondary	24 hours	35 $\mu g/m^3$	98th percentile, averaged over 3 years
Sulfur Dioxide (SO_2)	Primary	1 hour	75 ppb	Annual 99th percentile of 1-hour daily maximum concentrations, averaged over 3 years
Sulfur Dioxide (SO_2)	Secondary	1 year	10 ppb	annual mean, averaged over 3 years
Particle Pollution (PM) PM_{10}	Primary/Secondary	24 hours	150 $\mu g/m^3$	Not to be exceeded more than once per year on average over 3 years

For more information, please see the **EPA's NAAQS Table.**

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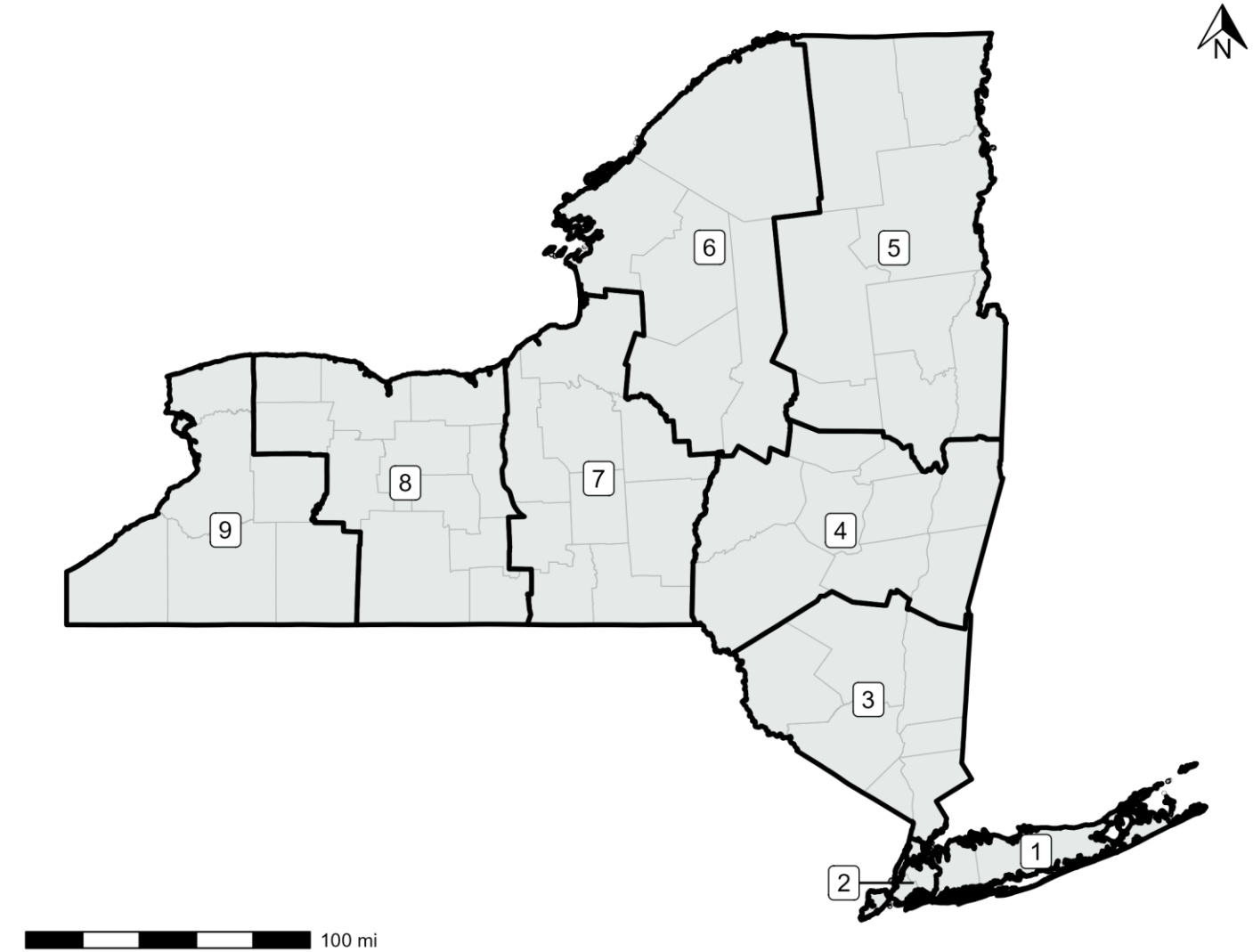
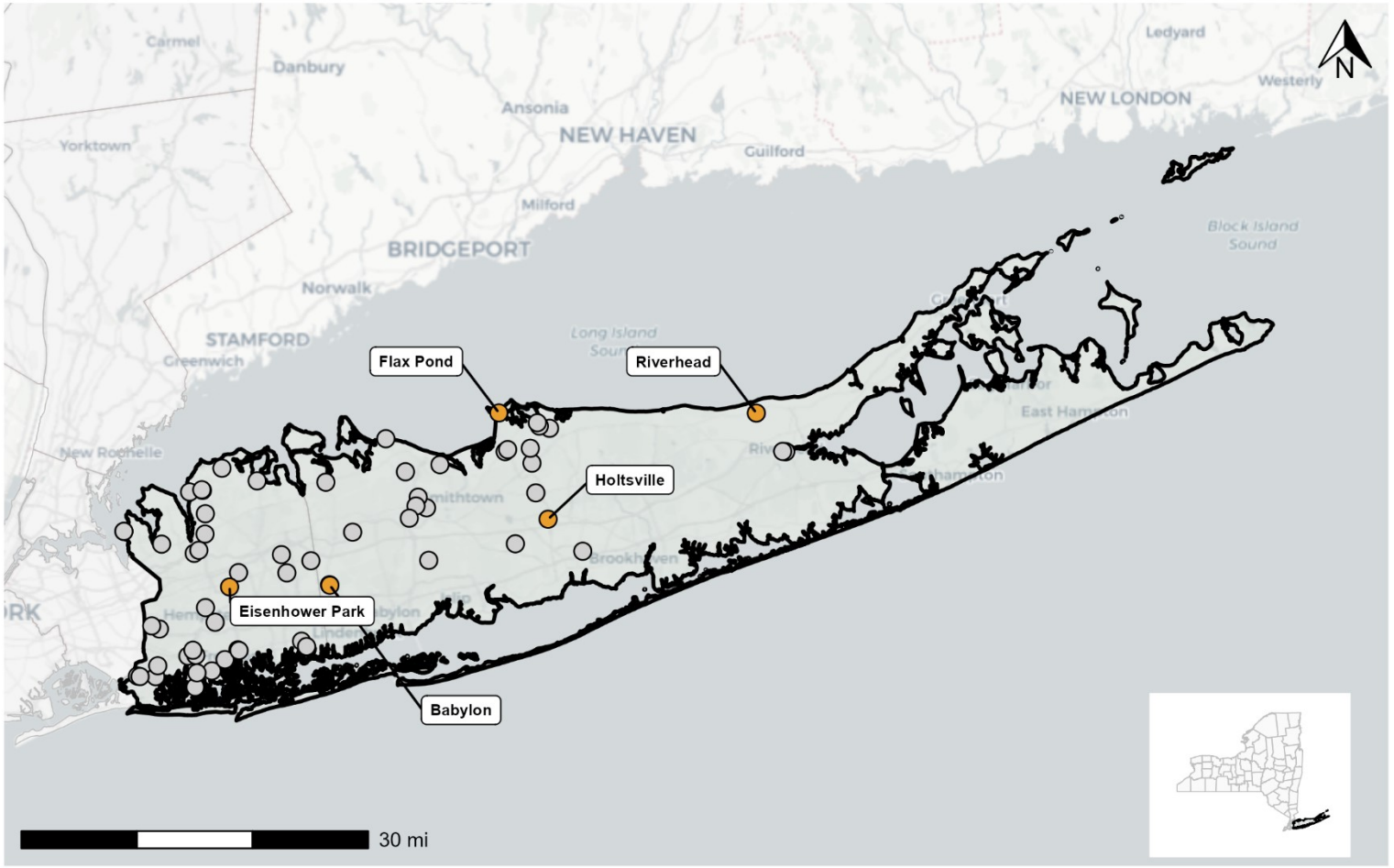
Administrative Regions



New York State Department of Environmental Conservation

Region 1 Air Quality Monitoring Sites



Closed before 2014 | Closed before 2024 | Open as of 12/31/2024

Basemaps © OpenStreetMap contributors
Monitoring site data pulled from EPA AQS on: 2025-08-15

NYSDEC Region **1**

SULFUR DIOXIDE - Continuous Pulsed Fluorescence | Parameter Code: 42401

Annual Averages 2014 through 2024

Site	AQS ID	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
Holtsville*	36_103_0009	0.84	0.77	0.39	0.16	0.12	0.08	0.06				
Eisenhower Park	36_059_0005	1.35	1.03	0.40	0.23	0.23	0.24	0.30	0.33	0.21	0.19	0.19

*This monitor closed in 2020.

Average of annual 99th Percentile for last 3 years not to exceed 75 PPB

Site	AQS ID	Total Obs	% Avail	2022	2023	2024	3-year Avg. of 99th Percentile
Eisenhower Park	36_059_0005	8,482	97	10.5	5.3	6.8	7.53

NYSDEC Region **1**

CARBON MONOXIDE - Continuous Gas Filter Correlation | Parameter Code: 42101

One-Hour Average | Maximum not to exceed 35 PPM more than once per calendar year

Site	AQS ID	Total Obs	% Avail	1st max	1st max date	2nd max	2nd max date	3rd max	3rd max date	Count of days over 35
Flax Pond	36_103_0044	8,571	98	1.16	07/26	0.67	05/31	0.63	12/29	0

Running 8-Hour Average (Non-Overlapping) | Maximum not to exceed 9 PPM more than once per calendar year

Site	AQS ID	Total Obs	% Avail	1st max	1st max date	2nd max	2nd max date	Count of days over 9
Flax Pond	36_103_0044	8,632	98	0.5	12/29	0.5	12/29	0

NYSDEC Region **1**

OZONE - Continuous UV Light Absorption | Parameter Code: 44201

4th Highest Daily Maximum 8-Hour Average | Not to exceed an avg of 0.070 ppm during the last 3 years

Site	AQS ID	2022	2023	2024	Mean 4th max values	Exceeds the NAAQS
Flax Pond	36_103_0044	0.070	0.076	0.070	0.072	Yes
Holtsville	36_103_0009	0.069	0.071	0.067	0.069	No
Babylon	36_103_0002	0.074	0.074	0.069	0.072	Yes
Riverhead	36_103_0004	0.066	0.070	0.070	0.069	No

Annual summary by site | 8 Hour Averages

Site	AQS ID	Total Obs	% Avail	# exceedances	1st max	1st max date	2nd max	2nd max date	3rd max	3rd max date	4th max	4th max date
Flax Pond	36_103_0044	5,958	94	3	0.079	06/21	0.072	06/22	0.072	08/01	0.070	05/24
Holtsville	36_103_0009	5,191	98	2	0.076	05/24	0.071	06/03	0.070	08/01	0.067	08/25
Babylon	36_103_0002	5,997	95	2	0.080	05/24	0.071	08/28	0.070	08/25	0.069	06/03
Riverhead	36_103_0004	4,262	96	1	0.071	05/24	0.070	06/03	0.070	06/21	0.070	08/25

NYSDEC Region **1**

INHALABLE PARTICULATES ($PM_{2.5}$) | Parameter Code: 88101 & 88502

Annual statistics 2022-2024

Station	Monitor Type	Site No.	2022 98th Percentile	2023 98th Percentile	2024 98th Percentile	3-year average of 98th Percentile	2022 Annual Mean	2023 Annual Mean	2024 Annual Mean	3-year average of annual means
Babylon	Filter	36_103_0002	12.2	23.6	13.9	16.6	6	7.6	5.8	6.5
Holtsville	Continuous	36_103_0009	13.2	27.4	14.1	18.2	5.5	7.8	5.7	6.3
Eisenhower Park	Continuous	36_059_0005	13	21.6	14.1	16.2	5.7	7.3	6.2	6.4

Annual summary by site

Station	Monitor Type	Site No.	Total Obs	1st Max µg/m3	1st Max date	2nd Max µg/m3	2nd Max date	3rd Max µg/m3	3rd Max date	Q1 Mean	Q2 Mean	Q3 Mean	Q4 Mean
Babylon	Filter	36_103_0002	56	17.2	08/16	13.9	10/21	13.5	08/28	4.9	5.3	7.7	5.7
Holtsville	Continuous	36_103_0009	312	22.4	12/27	20.0	07/28	18.4	08/17	4.7	5.1	6.6	5.7
Eisenhower Park	Continuous	36_059_0005	366	20.1	12/27	18.0	08/17	17.8	08/16	6.3	5.6	7.2	5.8

NYSDEC Region **1**

NITROGEN DIOXIDE - Continuous Chemiluminescence | Parameter Code: 42602

Annual Averages 2014 through 2024 | One-Hour Averages - 12-month average not to exceed 53 PPB

Site	AQS ID	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
Flax Pond	36_103_0044						3.67		3.41	3.57	3.51	3.42

Average of annual 98th Percentile for last 3 years not to exceed 100 PPB

Site	AQS ID	Total Obs	% Avail	2022	2023	2024	3-year Avg. of 98th Percentile
Flax Pond	36_103_0044	8,485	97	27.0	24.6	25.6	26

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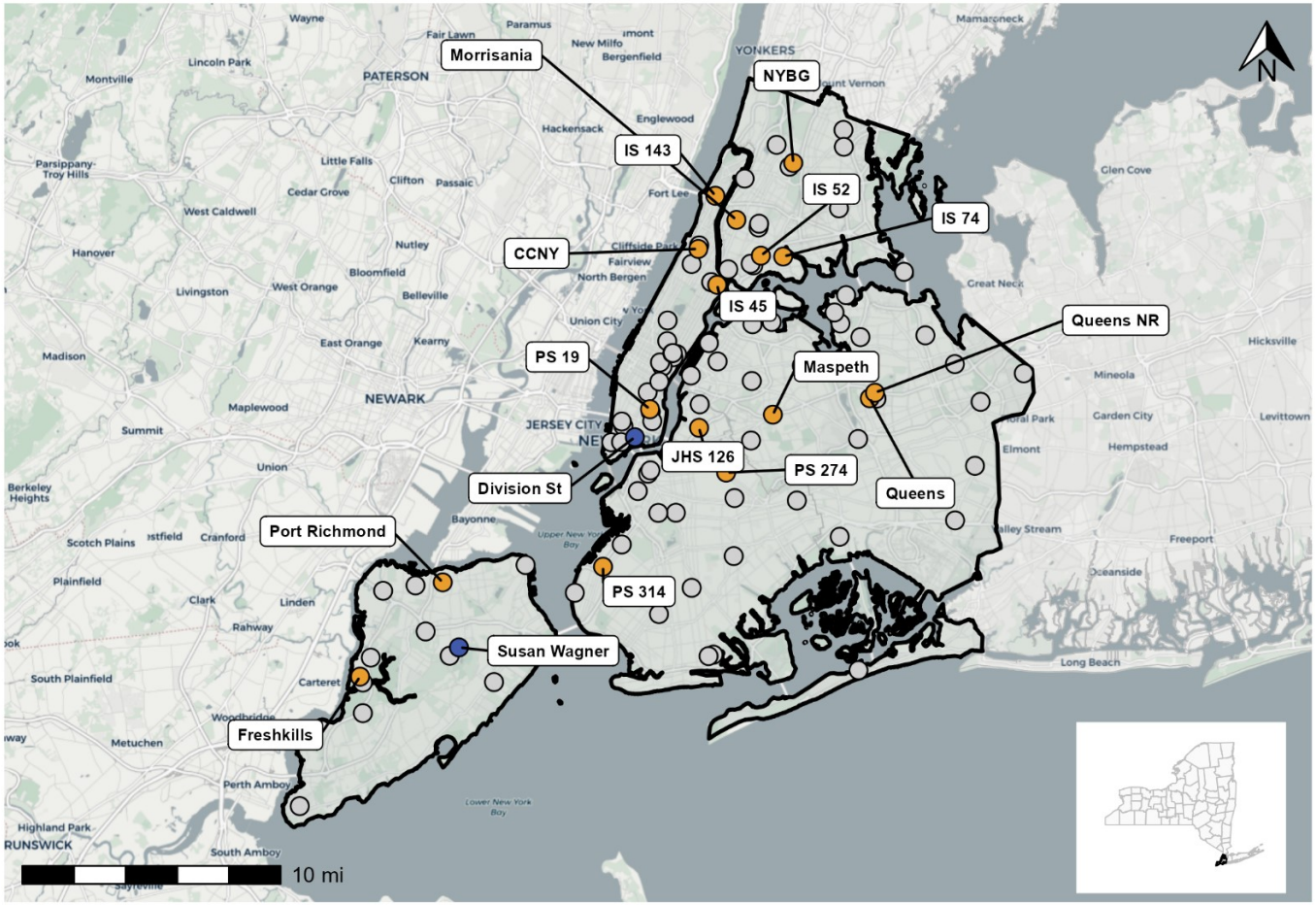
Region 2 Air Quality Monitoring Sites



Closed before 2014 | Closed before 2024 | Open as of 12/31/2024

Basemaps © OpenStreetMap contributors
Monitoring site data pulled from EPA AQS on: 2025-08-15

NYSDEC Region **2**

SULFUR DIOXIDE - Continuous Pulsed Fluorescence | Parameter Code: 42401

Annual Averages 2014 through 2024

Site	AQS ID	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
NYBG	36_005_0133	1.90	1.29	0.84	0.59	0.63	0.56	0.44	0.46	0.51	0.45	0.46
Queens	36_081_0124	1.11	0.75	0.57	0.52	0.41	0.36	0.35	0.32	0.37	0.35	0.25
IS 52	36_005_0110	1.36	1.83	0.67	0.54	0.57	0.41	0.42	0.27	0.32	0.28	0.27

Average of annual 99th Percentile for last 3 years not to exceed 75 PPB

Site	AQS ID	Total Obs	% Avail	2022	2023	2024	3-year Avg. of 99th Percentile
NYBG	36_005_0133	8,611	98	4.3	3.4	3.5	3.73
Queens	36_081_0124	8,477	97	5.3	4.2	4.3	4.60
IS 52	36_005_0110	8,154	93	3.7	3.2	2.9	3.27

NYSDEC Region **2**

CARBON MONOXIDE- - Continuous Gas Filter Correlation | Parameter Code: 42101

One-Hour Average | Maximum not to exceed 35 PPM more than once per calendar year

Site	AQS ID	Total Obs	% Avail	1st max	1st max date	2nd max	2nd max date	3rd max	3rd max date	Count of days over 35
Queens Near Road	36_081_0125	6,780	77	1.56	12/09	1.55	10/22	1.52	12/09	0
NYBG	36_005_0133	8,634	98	2.09	12/09	1.77	12/28	1.64	12/28	0
CCNY	36_061_0135	8,613	98	1.74	02/27	1.73	03/04	1.65	02/27	0
Queens	36_081_0124	8,489	97	1.26	10/22	1.23	01/09	1.17	08/13	0

Running 8-Hour Average (Non-Overlapping) | Maximum not to exceed 9 PPM more than once per calendar year *

Site	AQS ID	Total Obs	% Avail	1st max	1st max date	2nd max	2nd max date	Count of days over 9
Queens Near Road	36_081_0125	6,819	78	1.3	10/22	1.3	10/22	0
NYBG	36_005_0133	8,624	98	1.5	12/28	1.5	12/28	0
CCNY	36_061_0135	8,473	96	1.3	12/28	1.2	02/27	0
Queens	36_081_0124	8,491	97	1.0	10/22	1.0	10/22	0

NYSDEC Region **2**

OZONE- Continuous UV Light Absorption | Parameter Code: 44201

4th Highest Daily Maximum 8-Hour Average | Not to exceed an avg of 0.070 ppm during the last 3 years.*

Site	AQS ID	2022	2023	2024	mean 4th max values	Exceeds the NAAQS
Freshkills	36_085_0111	0.063	0.070	0.065	0.066	No
NYBG	36_005_0133	0.065	0.072	0.069	0.069	No
CCNY	36_061_0135	0.065	0.073	0.070	0.069	No
IS 52	36_005_0110	0.064	0.069	0.068	0.067	No
Queens	36_081_0124	0.070	0.074	0.069	0.071	Yes

Annual summary by site | 8 Hour Averages

Site	AQS ID	Total Obs	% Avail	# exceedances	1st max	1st max date	2nd max	2nd max date	3rd max	3rd max date	4th max	4th max date
Freshkills	36_085_0111	4,200	98	3	0.082	06/03	0.074	06/21	0.072	06/20	0.065	06/26
NYBG	36_005_0133	5,908	99	2	0.085	06/21	0.073	06/22	0.070	06/26	0.069	08/26
CCNY	36_061_0135	6,023	96	2	0.085	06/21	0.079	07/08	0.070	06/20	0.070	07/15
IS 52	36_005_0110	5,975	100	1	0.083	06/21	0.070	07/08	0.069	06/26	0.068	08/25
Queens	36_081_0124	6,152	97	1	0.074	05/24	0.070	06/03	0.069	06/22	0.069	08/01

NYSDEC Region **2** (Manhattan Sites)

INHALABLE PARTICULATES ($PM_{2.5}$) µg/m^3 | Parameter Code: 88101 & 88502

Annual statistics 2022-2024

Station	Monitor Type	Site No.	2022 98th Percentile	2023 98th Percentile	2024 98th Percentile	3-year average of 98th Percentile	2022 Annual Mean	2023 Annual Mean	2024 Annual Mean	3-year average of annual means
CCNY	Continuous	36_061_0135	13.9	27	17.7	19.5	6.1	7.8	7.5	7.1
IS 143	Continuous	36_061_0115	16.2	30.8	20.2	22.4	7.5	9.4	6.9	7.9
IS 45	Filter	36_061_0079	15.2	31.2	15.2	20.5	6.9	9.1	6.7	7.6
PS 19	Filter	36_061_0128		24.4	16.9	20.7		10.5	7.7	9.1

Annual summary by site

Station	Monitor Type	Site No.	Total Obs	1st Max µg/m^3	1st Max date	2nd Max µg/m^3	2nd Max date	3rd Max µg/m^3	3rd Max date	Q1 Mean	Q2 Mean	Q3 Mean	Q4 Mean
CCNY	Continuous	36_061_0135	360	29.3	11/09	26.7	07/05	21.4	08/16	7.1	7.2	8.6	6.9
IS 143	Continuous	36_061_0115	365	38.9	07/05	34.3	04/10	29.5	01/24	8.5	6.4	6.7	6.3
IS 45	Filter	36_061_0079	121	26.2	07/05	16.7	08/16	15.2	07/29	6.0	6.7	8.4	5.6
PS 19	Filter	36_061_0128	121	27.5	07/05	17.3	02/27	16.9	08/16	7.0	7.7	9.0	6.9

NYSDEC Region **2** (Bronx Sites)

INHALABLE PARTICULATES ($PM_{2.5}$) µg/m^3 | Parameter Code: 88101 & 88502

Annual statistics 2022-2024

Station	Monitor Type	Site No.	2022 98th Percentile	2023 98th Percentile	2024 98th Percentile	3-year average of 98th Percentile	2022 Annual Mean	2023 Annual Mean	2024 Annual Mean	3-year average of annual means
IS 52	Continuous	36_005_0110	17	31.1	17.6	21.9	8	10	7.2	8.4
IS 52	Filter	36_005_0110	12.8	22.8	15.3	17.0	6.6	8.6	6.8	7.3
IS 74	Continuous	36_005_0112	x	19.5	17	18.3	x	8.2	7.1	7.7
Morrisania	Continuous	36_005_0080	13.9	26.6	13.9	18.1	6.1	7.6	5.9	6.5
NYBG	Filter	36_005_0133	14.6	28.2	18.1	20.3	6.9	8.6	6.4	7.3

Annual summary by site

Station	Monitor Type	Site No.	Total Obs	1st Max µg/m^3	1st Max date	2nd Max µg/m^3	2nd Max date	3rd Max µg/m^3	3rd Max date	Q1 Mean	Q2 Mean	Q3 Mean	Q4 Mean
IS 52	Continuous	36_005_0110	356	31.8	11/09	22.5	02/10	20.2	07/05	6.6	7.0	8.1	6.9
IS 52	Filter	36_005_0110	118	23.2	07/05	18.6	08/16	15.3	07/29	5.6	6.5	8.9	6.2
IS 74	Continuous	36_005_0112	366	27.4	11/09	20.8	02/10	20.0	08/16	6.4	7.0	8.4	6.6
Morrisania	Continuous	36_005_0080	366	26.5	07/05	24.7	07/04	19.0	02/10	6.9	4.5	6.2	6.1
NYBG	Filter	36_005_0133	60	27.0	07/05	18.1	08/16	14.8	07/29	5.6	5.8	9.0	5.3

NYSDEC Region **2** (Queens Sites)

INHALABLE PARTICULATES ($PM_{2.5}$) µg/m^3 | Parameter Code: 88101 & 88502

Annual statistics 2022-2024

Station	Monitor Type	Site No.	2022 98th Percentile	2023 98th Percentile	2024 98th Percentile	3-year average of 98th Percentile	2022 Annual Mean	2023 Annual Mean	2024 Annual Mean	3-year average of annual means
Maspeth	Continuous	36_081_0120	13.5	27.9	15.3	18.9	5.9	8.4	6.7	7.0
Queens	Continuous	36_081_0124	21.4	34.0	21.0	25.5	8.9	10.8	8.2	9.3
Queens	Filter	36_081_0124	14.2	21.7	14.5	16.8	6.3	8.1	6.1	6.8
Queens Near Road	Continuous	36_081_0125	15.5	36.6	17.5	23.2	6.8	9.7	7.2	7.9
Queens Near Road	Filter	36_081_0125	15.0	22.0	15.9	17.6	7.0	8.9	6.8	7.6

Annual summary by site

Station	Monitor Type	Site No.	Total Obs	1st Max µg/m^3	1st Max date	2nd Max µg/m^3	2nd Max date	3rd Max µg/m^3	3rd Max date	Q1 Mean	Q2 Mean	Q3 Mean	Q4 Mean
Maspeth	Continuous	36_081_0120	355	38.7	07/04	21.0	02/10	18.1	11/09	7.4	5.2	6.9	7.2
Queens	Continuous	36_081_0124	363	33.6	02/10	32.5	11/09	23.6	08/14	8.2	7.9	9.4	7.3
Queens	Filter	36_081_0124	122	16.3	08/16	15.5	07/05	14.5	07/29	5.4	5.8	7.5	5.8
Queens Near Road	Continuous	36_081_0125	346	30.7	11/09	23.6	02/10	21.9	11/17	6.9	6.7	8.0	7.0
Queens Near Road	Filter	36_081_0125	116	17.2	08/16	16.1	07/05	15.9	11/17	6.2	6.3	8.3	6.3

NYSDEC Region **2** (Brooklyn Sites)

INHALABLE PARTICULATES ($PM_{2.5}$) µg/m3 | Parameter Code: 88101 & 88502

Annual statistics 2022-2024

Station	Monitor Type	Site No.	2022 98th Percentile	2023 98th Percentile	2024 98th Percentile	3-year average of 98th Percentile	2022 Annual Mean	2023 Annual Mean	2024 Annual Mean	3-year average of annual means
PS 314	Continuous	36_047_0052	17.6	21.6	17.7	19.0	8.0	9.0	7.1	8.0
PS 274	Continuous	36_047_0118	17.9	27.3	20.8	22.0	8.0	9.3	8.3	8.5
JHS 126	Filter	36_047_0122	15.2	23.8	16.5	18.5	7.3	9.2	6.9	7.8

Annual summary by site

Station	Monitor Type	Site No.	Total Obs	1st Max µg/m3	1st Max date	2nd Max µg/m3	2nd Max date	3rd Max µg/m3	3rd Max date	Q1 Mean	Q2 Mean	Q3 Mean	Q4 Mean
PS 314	Continuous	36_047_0052	362	24.9	11/09	23.5	02/10	21.2	07/04	6.7	6.9	8.3	6.6
PS 274	Continuous	36_047_0118	366	34.1	11/09	29.7	02/10	22.9	03/14	8.4	7.9	9.1	7.9
JHS 126	Filter	36_047_0122	116	24.3	07/05	22.6	08/25	16.5	08/16	5.9	6.8	8.6	6.0

NYSDEC Region **2**(Staten Island Sites)

INHALABLE PARTICULATES ($PM_{2.5}$) µg/m3 | Parameter Code: 88101 & 88502

Annual statistics 2022-2024

Station	Monitor Type	Site No.	2022 98th Percentile	2023 98th Percentile	2024 98th Percentile	3-year average of 98th Percentile	2022 Annual Mean	2023 Annual Mean	2024 Annual Mean	3-year average of annual means
Freshkills	Continuous	36_085_0111	14	24.6	17.2	18.6	5.8	8	6.8	6.9
Port Richmond	Continuous	36_085_0055	13.2	31.6	12.5	19.1	6.1	7	5.1	6.1
Port Richmond	Filter	36_085_0055	14.4	39.7	16.1	23.4	6.8	9.5	6.9	7.7

Annual summary by site

Station	Monitor Type	Site No.	Total Obs	1st Max µg/m3	1st Max date	2nd Max µg/m3	2nd Max date	3rd Max µg/m3	3rd Max date	Q1 Mean	Q2 Mean	Q3 Mean	Q4 Mean
Freshkills	Continuous	36_085_0111	362	20.5	07/04	19.6	03/14	18.2	02/10	7.0	6.3	7.6	6.2
Port Richmond	Continuous	36_085_0055	359	31.0	07/04	16.9	02/10	14	07/05	6.1	3.6	5.1	5.7
Port Richmond	Filter	36_085_0055	59	18.1	07/05	16.1	07/29	16	08/16	5.9	6.8	8.6	6.4

NYSDEC Region **2**

NITROGEN DIOXIDE - Continuous Chemiluminescence | Parameter Code: 42602

Annual Averages 2014 through 2024 | One-Hour Averages - 12-month average not to exceed 53 PPB

Site	AQS ID	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
IS 52	36_005_0110	19.88	20.13	18.27	17.30	17.46	16.87	15.22	15.21	15.84	15.51	14.70
NYBG	36_005_0133	17.20	17.10	15.59	14.91	14.44	12.81	12.36	12.64	13.10	13.90	12.48
Queens College	36_081_0124	16.75	17.16	15.81	15.25	14.44	14.18	12.46	13.02	13.66	13.45	12.43
Queens Near Road	36_081_0125				16.29	16.44	16.84	14.79	14.95	16.15	16.62	15.97

Average of annual 98th Percentile for last 3 years not to exceed 100 PPB

Site	AQS ID	Total Obs	% Avail	2022	2023	2024	3-year Avg. of 98th Percentile
IS 52	36_005_0110	8,199	93	56.6	55.0	54.4	55
NYBG	36_005_0133	8,621	98	50.8	55.8	51.2	53
Queens College	36_081_0124	8,500	97	53.2	55.7	51.9	54
Queens Near Road	36_081_0125	7,887	90	52.5	54.1	51.9	53

NYSDEC Region **2**

LEAD- PM_{10} Samplers | Parameter Code: 85128

Annual summary by site

Station	Site No.	Obvs.	1st max	1st max date	2nd max	2nd max date	3rd max	3rd max date	2022 highest 3 month rolling avg.	2023 highest 3 month rolling avg.	2024 highest 3 month rolling avg.
IS 52	36_005_0110	44	0.012	08/28	0.0075	06/23	0.0052	09/09	0.0036	0.0049	0.0045

NYSDEC Region **2**

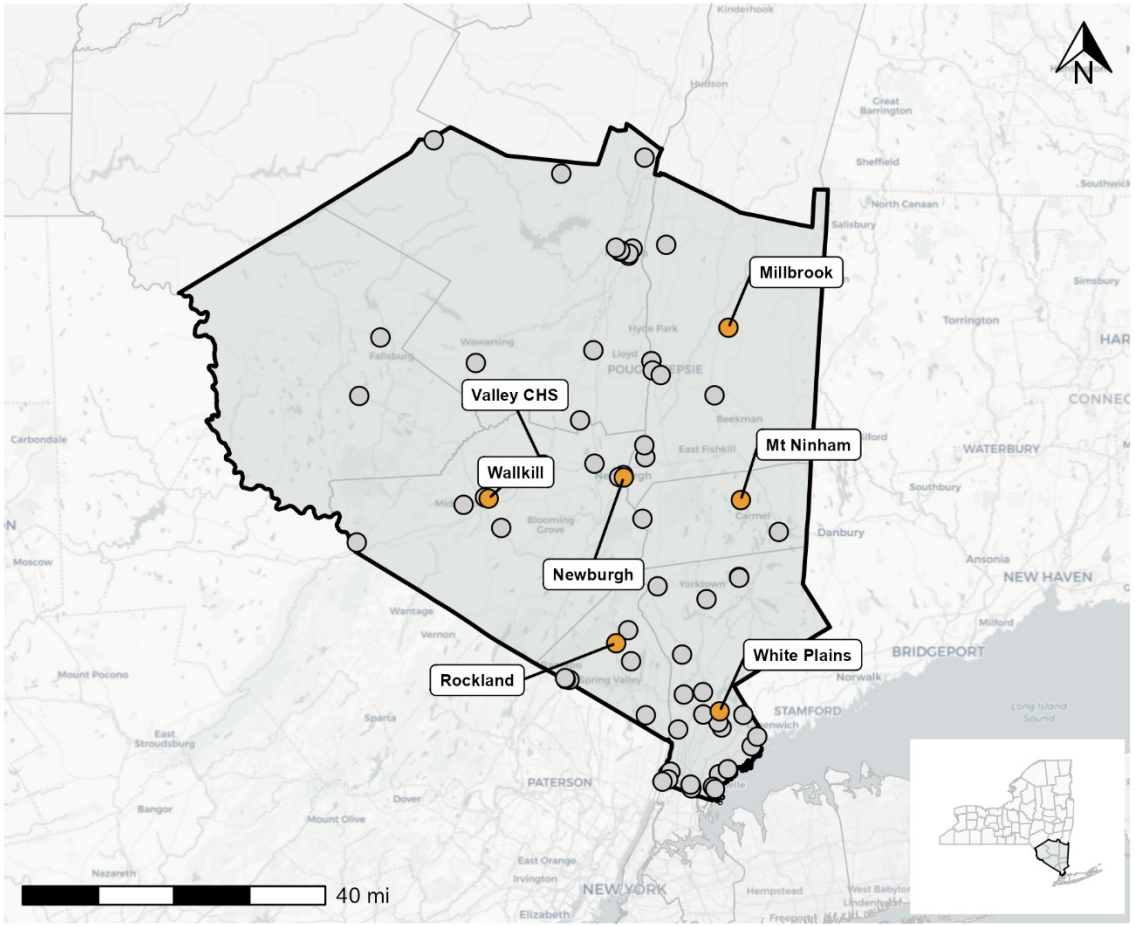
INHALABLE PARTICULATES- PM_{10} ($\mu g/m^3$) STP | Parameter Code: 81102

Annual summary by site

Station	Site No.	Obvs.	1st max	1st max date	2nd max	2nd max date	3rd max	3rd max date	2022 # of exceedances	2023 # of exceedances	2024 # of exceedances	Average exceedances
IS 52	36_005_0110	59	36	07/05	27	07/29	26	10/21	0	0	0	0
Queens College	36_081_0124	61	31	10/21	27	07/05	25	08/16	0	0	0	0

New York State Department of Environmental Conservation

Region 3 Air Quality Monitoring Sites



Closed before 2014 | Closed before 2024 | Open as of 12/31/2024

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Monitoring site data pulled from EPA AQS on: 2025-08-15

NYSDEC Region **3**

OZONE- Continuous UV Light Absorption | Parameter Code: 44201

4th Highest Daily Maximum 8-Hour Average | Not to exceed an avg of 0.070 ppm during the last 3 years

Site	AQS ID	2022	2023	2024	mean 4th max values	Exceeds the NAAQS
Rockland	36_087_0005	0.062	0.072	0.072	0.069	No
Millbrook	36_027_0007	0.063	0.065	0.072	0.067	No
Valley Central*	36_071_5001	0.053			0.053	No
Mt Ninham	36_079_0005	0.064	0.066	0.075	0.068	No
White Plains	36_119_2004	0.066	0.072	0.075	0.071	Yes

*Site closed in 2022 due to construction

Annual summary by site | 8 Hour Averages

Site	AQS ID	Total Obs	% Avail	# exceedances	1st max	1st max date	2nd max	2nd max date	3rd max	3rd max date	4th max	4th max date
Rockland	36_087_0005	6,192	100	5	0.085	06/04	0.080	06/18	0.074	06/19	0.072	07/15
Millbrook	36_027_0007	6,186	100	5	0.086	06/18	0.077	06/19	0.072	06/04	0.072	07/09
Mt Ninham	36_079_0005	5,873	99	7	0.081	06/18	0.078	07/09	0.076	07/16	0.075	06/19
White Plains	36_119_2004	6,199	99	6	0.083	06/21	0.077	06/20	0.076	07/16	0.075	07/15

NYSDEC Region **3**

INHALABLE PARTICULATES ($PM_{2.5}$) µg/m3 | Parameter Code: 88101 & 88502

Annual statistics 2022-2024

Station	Monitor Type	Site No.	2022 98th Percentile	2023 98th Percentile	2024 98th Percentile	3-year average of 98th Percentile	2022 Annual Mean	2023 Annual Mean	2024 Annual Mean	3-year average of annual means
Newburgh	Continuous	36_071_0002	14.0	26.8	16.8	19.2	5.8	7.4	5.4	6.2
Newburgh	Filter	36_071_0002	14.6	28.2	15.4	19.4	5.8	7.6	5.8	6.4
Rockland	Continuous	36_087_0005	12.1	30.3	12.7	18.4	4.7	6.6	4.8	5.4
White Plains	Continuous	36_119_2004	12.9	20.3	13	15.4	5.1	6.6	5.1	5.6

Annual summary by site

Station	Monitor Type	Site No.	Total Obs	1st Max µg/m3	1st Max date	2nd Max µg/m3	2nd Max date	3rd Max µg/m3	3rd Max date	Q1 Mean	Q2 Mean	Q3 Mean	Q4 Mean
Newburgh	Continuous	36_071_0002	343	24.0	07/29	20.4	06/05	19.1	07/30				
Newburgh	Filter	36_071_0002	106	18.7	07/05	17.0	08/16	15.4	07/29	5.2	5.6	6.9	5
Rockland	Continuous	36_087_0005	364	25.2	07/05	17.4	08/16	16.7	08/17	5.7	3.7	5.0	4.7
White Plains	Continuous	36_119_2004	361	21.5	07/05	18.8	08/16	16.6	08/17	5.8	4.0	5.3	5.1

NYSDEC Region **3**

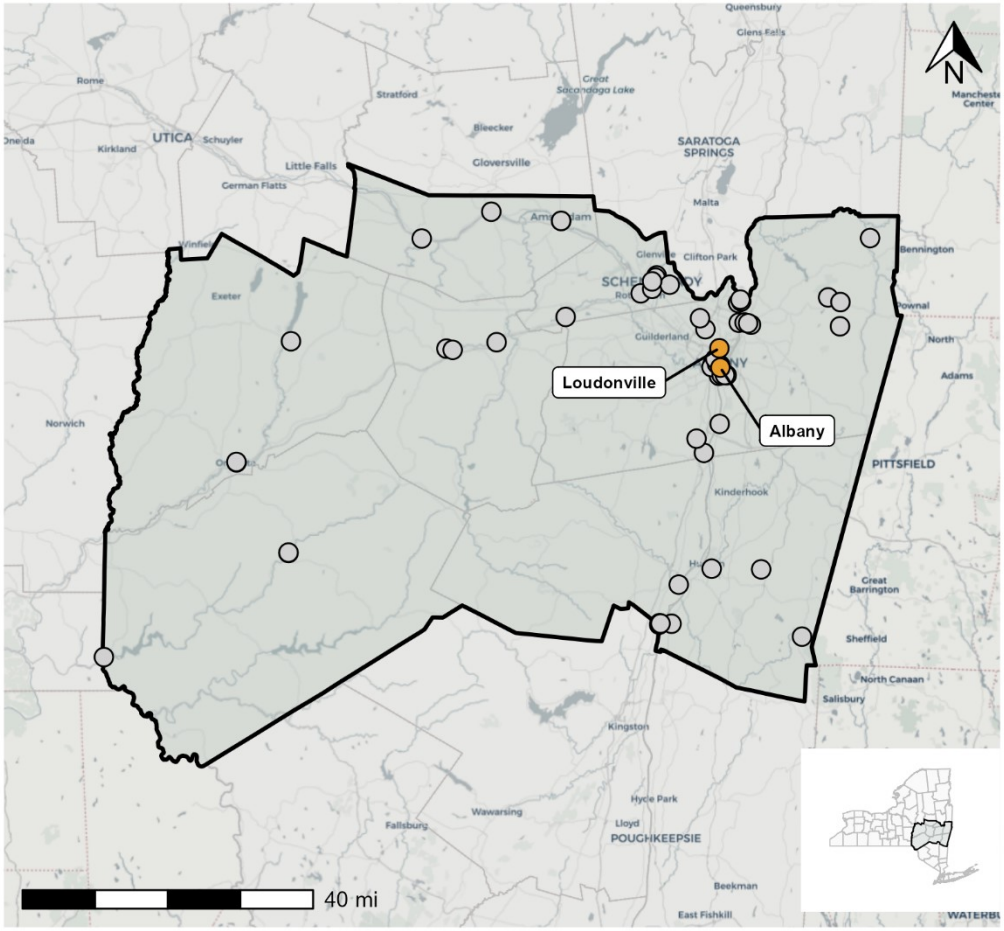
LEAD- Low Volume Air Samplers | Parameter Code:14128

Annual summary by site

Station	Site No.	Total Obvs.	1st max	1st max date	2nd max	2nd max date	3rd max	3rd max date	2022 max 3 month rolling avg.	2023 max 3 month rolling avg.	2024 max 3 month rolling avg.
Wallkill	36_071_3002	56	0.0234	03/13	0.023	03/25	0.0198	03/19	0.0066	0.0073	0.0086

New York State Department of Environmental Conservation

Region 4 Air Quality Monitoring Sites



Closed before 2014 | Closed before 2024 | Open as of 12/31/2024

Basemaps © OpenStreetMap contributors
Monitoring site data pulled from EPA AQS on: 2025-08-15

NYSDEC Region **4**

OZONE- Continuous UV Light Absorption | Parameter Code: 44201

4th Highest Daily Maximum 8-Hour Average | Not to exceed an avg of 0.070 ppm during the last 3 years

Site	AQS ID	2022	2023	2024	mean 4th max values	Exceeds the NAAQS
Loudonville	36_001_0012	0.058	0.068	0.063	0.063	No

Annual summary by site | 8 Hour Averages

Site	AQS ID	Total Obs	% Avail	# exceedances	1st max	1st max date	2nd max	2nd max date	3rd max	3rd max date	4th max	4th max date
Loudonville	36_001_0012	5,798	96	0	0.07	06/18	0.063	06/05	0.063	07/08	0.063	07/30

NYSDEC Region **4**

INHALABLE PARTICULATES ($PM_{2.5}$) µg/m3 | Parameter Code: 88101 & 88502

Annual statistics 2022-2024

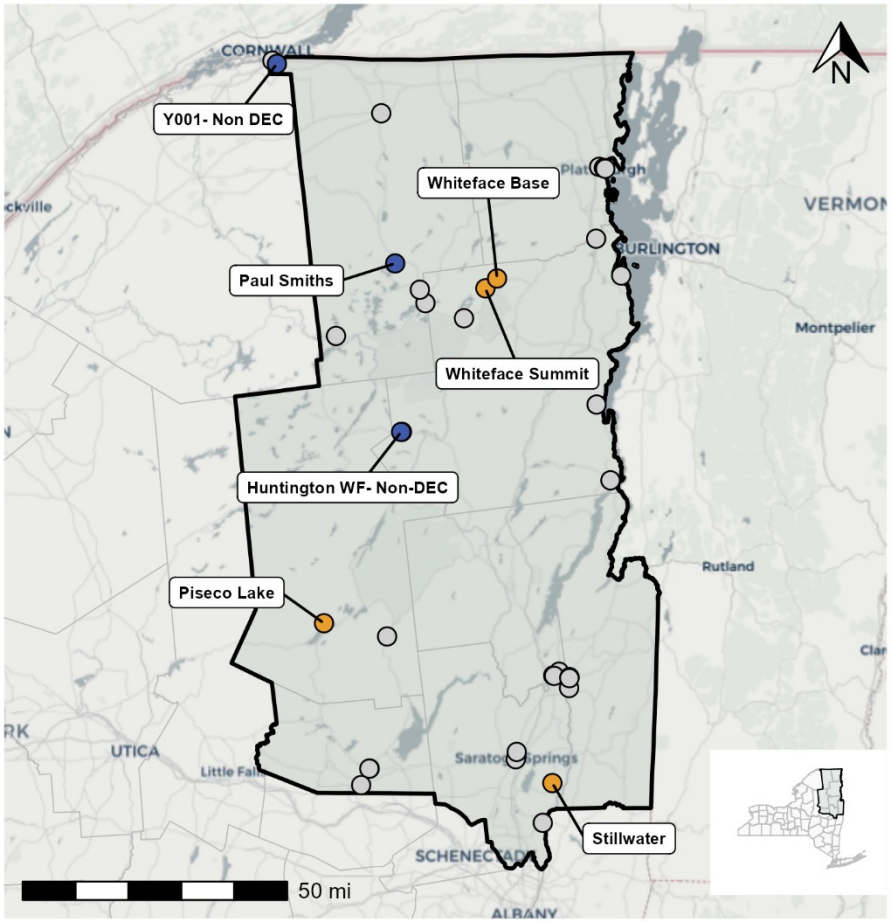
Station	Monitor Type	Site No.	2022 98th Percentile	2023 98th Percentile	2024 98th Percentile	3-year average of 98th Percentile	2022 Annual Mean	2023 Annual Mean	2024 Annual Mean	3-year average of annual means
Albany	Continuous	36_001_0005	16.4	33.7	20.0	23.4	6.9	9.0	6.9	7.6
Albany	Filter	36_001_0005	14.4	27.6	15.1	19.0	5.9	7.4	5.8	6.4
Loudonville	Filter	36_001_0012	14.4	30.0	16.1	20.2	5.6	7.0	5.5	6.0

Annual summary by site

Station	Monitor Type	Site No.	Total Obs	1st Max µg/m3	1st Max date	2nd Max µg/m3	2nd Max date	3rd Max µg/m3	3rd Max date	Q1 Mean	Q2 Mean	Q3 Mean	Q4 Mean
Albany	Continuous	36_001_0005	362	37.1	12/28	33.7	11/10	28.3	08/17	5.8	6.2	9.3	6.3
Albany	Filter	36_001_0005	120	17.5	12/29	16.0	07/29	15.1	12/26	5.0	5.5	7.3	5.4
Loudonville	Filter	36_001_0012	57	20.9	08/16	16.1	07/29	14.8	07/05	4.5	4.8	8.1	4.4

New York State Department of Environmental Conservation

Region 5 Air Quality Monitoring Sites



Closed before 2014 | Closed before 2024 | Open as of 12/31/2024

Basemaps © OpenStreetMap contributors
Monitoring site data pulled from EPA AQS on: 2025-08-15

NYSDEC Region **5**

SULFUR DIOXIDE- Continuous Pulsed Fluorescence | Parameter Code: 42401

Annual Averages 2014 through 2024

Site	AQS ID	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
Paul Smiths*	36_033_0004	0.60	0.32	0.20	0.28	0.11	0.17					
Whiteface Base	36_031_0003	0.38	0.47	0.26	0.18	0.18	0.13	0.14	0.19	0.18	0.13	0.15
Piseco Lake	36_041_0005	0.21	0.16	0.05	0.03	0.03	0.05	0.03	0.06	0.07	0.08	0.07

*Site closed in 2020

Average of annual 99th Percentile for last 3 years not to exceed 75 PPB

Site	AQS ID	Total Obs	% Avail	2022	2023	2024	3-year Avg. of 99th Percentile
Piseco Lake	36_041_0005	8,287	94	0.9	1.1	0.7	0.9
Whiteface Base	36_031_0003	8,501	97	1.0	0.8	0.9	0.9

NYSDEC Region **5**

OZONE- Continuous UV Light Absorption | Parameter Code: 44201

4th Highest Daily Maximum 8-Hour Average | Not to exceed an avg of 0.070 ppm during the last 3 years

Site	AQS ID	2022	2023	2024	mean 4th max values	Exceeds the NAAQS
Whiteface Summit	36_031_0002	0.061	0.070	0.061	0.064	No
Whiteface Base	36_031_0003	0.058	0.064	0.059	0.060	No
Piseco Lake	36_041_0005	0.055	0.065	0.056	0.059	No
Stillwater	36_091_0004	0.060	0.064	0.059	0.061	No

Annual summary by site | 8 Hour Averages

Site	AQS ID	Total Obs	% Avail	# exceedances	1st max	1st max date	2nd max	2nd max date	3rd max	3rd max date	4th max	4th max date
Whiteface Summit	36_031_0002	5,505	90	0	0.064	07/09	0.062	05/20	0.061	06/03	0.061	06/13
Whiteface Base	36_031_0003	6,086	99	0	0.063	07/09	0.060	10/20	0.059	05/22	0.059	06/13
Piseco Lake	36_041_0005	5,892	93	0	0.062	06/13	0.059	06/05	0.057	05/22	0.056	05/20
Stillwater	36_091_0004	5,909	98	0	0.065	06/18	0.063	10/22	0.062	06/05	0.059	05/22

NYSDEC Region **5**

INHALABLE PARTICULATES ($PM_{2.5}$) µg/m3 | Parameter Code: 88101 & 88502

Annual statistics 2022-2024

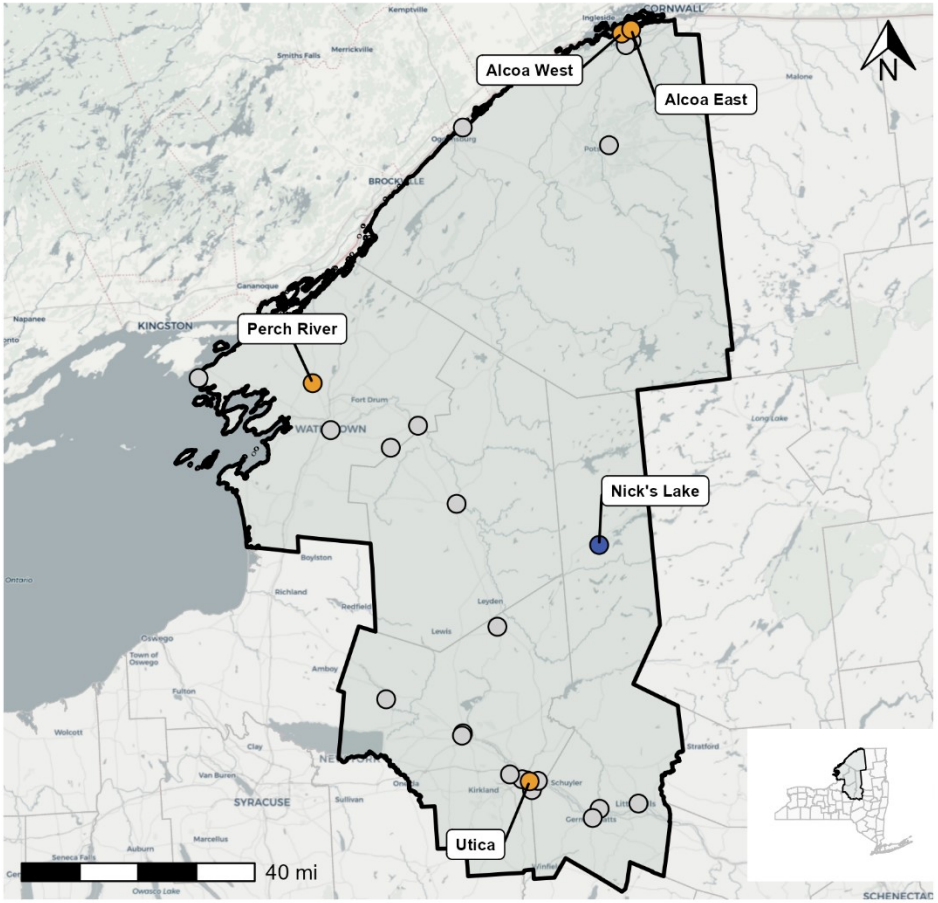
Station	Monitor Type	Site No.	2022 98th Percentile	2023 98th Percentile	2024 98th PERCENTILE	3-year average of 98th PERCENTILE	2022 Annual Mean	2023 Annual Mean	2024 Annual Mean	3-year average of annual means
Whiteface Base	Continuous	36_031_0003	9.5	38.1	12.8	20.1	4.2	6.9	3.9	5.6
Whiteface Base	Filter	36_031_0003	8.6	29.1	12.3	16.7	3.5	5.0	3.7	4.1

Annual summary by site

Station	Monitor Type	Site No.	Total Obs	1st Max µg/m3	1st Max date	2nd Max µg/m3	2nd Max date	3rd Max µg/m3	3rd Max date	Q1 Mean	Q2 Mean	Q3 Mean	Q4 Mean
Whiteface Base	Continuous	36_031_0003	353	20.1	08/16	19.2	07/27	18.9	08/15	2.6	3.9	6.6	2.6
Whiteface Base	Filter	36_031_0003	53	16.7	08/16	12.3	07/29	11.4	08/04	2.9	3.1	6.3	2.5

New York State Department of Environmental Conservation

Region 6 Air Quality Monitoring Sites



Closed before 2014 | Closed before 2024 | Open as of 12/31/2024

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Monitoring site data pulled from EPA AQS on: 2025-08-13

NYSDEC Region **6**

SULFUR DIOXIDE- Continuous Pulsed Fluorescence | Parameter Code: 42401

Annual Averages 2014 through 2024

Site	AQS ID	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
Nick's Lake	36_043_0005	0.67	0.52	0.2	0.16	0.12	0.28					
Alcoa West	36_089_0004				5.16	4.00	4.01	3.75	3.63	3.15	3.98	4.25
Alcoa East	36_089_0005				1.62	1.30	1.36	1.57	1.32	1.24	1.35	1.46

Average of annual 99th PERCENTILE for last 3 years not to exceed 75 PPB

Site	AQS ID	Total Obs	% Avail	2022	2023	2024	3-year Avg. of 99th PERCENTILE
Alcoa West	36_089_0004	8,414	96	77.0	72.8	83.1	77.63
Alcoa East	36_089_0005	8,513	97	35.6	34.9	31.3	33.93

NYSDEC Region **6**

OZONE - Continuous UV Light Absorption | Parameter Code: 44201

4th Highest Daily Maximum 8-Hour Average | Not to exceed an avg of 0.070 ppm during the last 3 years

Site	AQS ID	2022	2023	2024	mean 4th max values	Exceeds the NAAQS
Perch River	36_045_0002	0.059	0.064	0.059	0.061	No

Annual summary by site | 8 Hour Averages

Site	AQS ID	Total Obs	% Avail	# exceedances	1st max	1st max date	2nd max	2nd max date	3rd max	3rd max date	4th max	4th max date
Perch River	36_045_0002	6,141	99	0	0.064	06/13	0.06	08/25	0.059	06/05	0.059	06/17

NYSDEC Region **6**

INHALABLE PARTICULATES ($PM_{2.5}$) µg/m^3 | Parameter Code: 88101 & 88502

Annual statistics 2022-2024

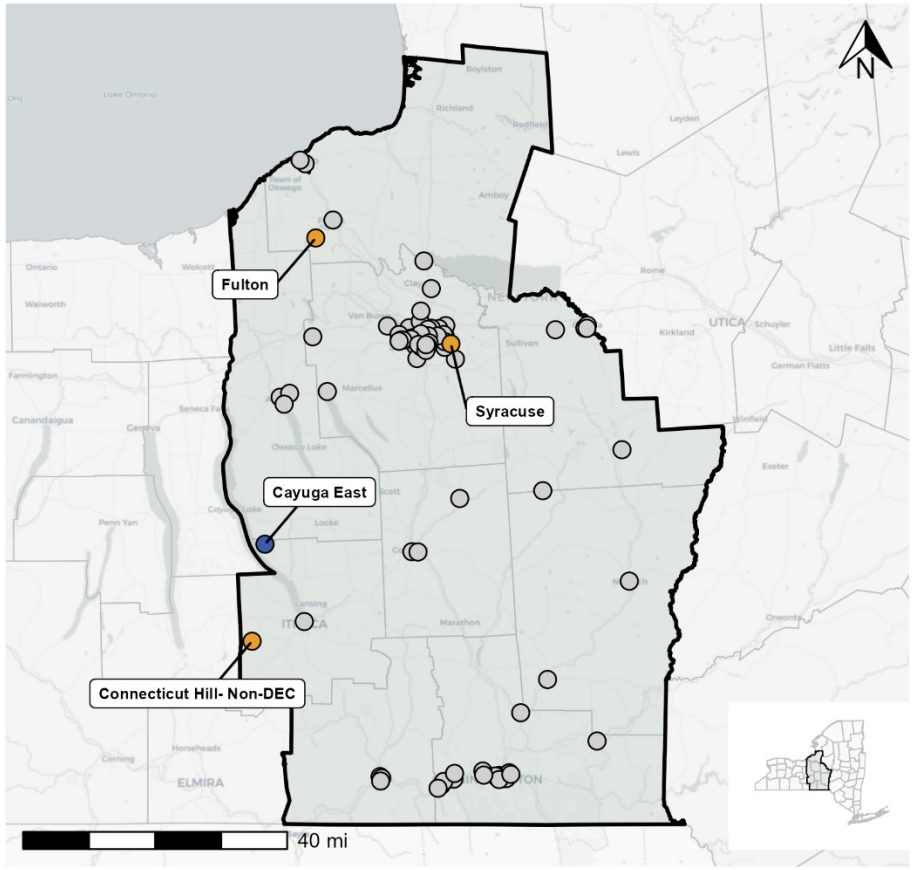
Station	Monitor Type	Site No.	2022 98th PERCENTILE	2023 98th PERCENTILE	2024 98th PERCENTILE	3-year average of 98th PERCENTILE	2022 Annual Mean	2023 Annual Mean	2024 Annual Mean	3-year average of annual means
Utica	Continuous	36_065_2001	15.3	23.4	14.7	17.8	5.3	7.3	5.5	6.0

Annual summary by site

Station	Monitor Type	Site No.	Total Obs	1st Max µg/m^3	1st Max date	2nd Max µg/m^3	2nd Max date	3rd Max µg/m^3	3rd Max date	Q1 Mean	Q2 Mean	Q3 Mean	Q4 Mean
Utica	Continuous	36_065_2001	349	18	06/19	17.6	07/04	16.9	08/17	6.4	4.2	6.0	5.4

New York State Department of Environmental Conservation

Region 7 Air Quality Monitoring Sites



Closed before 2014 | Closed before 2024 | Open as of 12/31/2024

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Monitoring site data pulled from EPA AQS on: 2025-08-13

NYSDEC Region **7**

OZONE - Continuous UV Light Absorption | Parameter Code: 44201

4th Highest Daily Maximum 8-Hour Average | Not to exceed an avg of 0.070 ppm during the last 3 years

Site	AQS ID	2022	2023	2024	mean 4th max values	Exceeds the NAAQS
Fulton	36_075_0003	0.055	0.064	0.056	0.058	No
East Syracuse	36_067_1015	0.056	0.070	0.062	0.063	No

Annual summary by site | 8 Hour Averages

Site	AQS ID	Total Obs	% Avail	# exceedances	1st max	1st max date	2nd max	2nd max date	3rd max	3rd max date	4th max	4th max date
Fulton	36_075_0003	6,151	98	0	0.058	05/20	0.057	06/01	0.057	06/13	0.056	10/22
East Syracuse	36_067_1015	6,034	97	0	0.065	05/20	0.063	06/17	0.062	06/13	0.062	06/20

NYSDEC Region **7**

INHALABLE PARTICULATES ($PM_{2.5}$) µg/m3 | Parameter Code: 88101 & 88502

Annual statistics 2022-2024

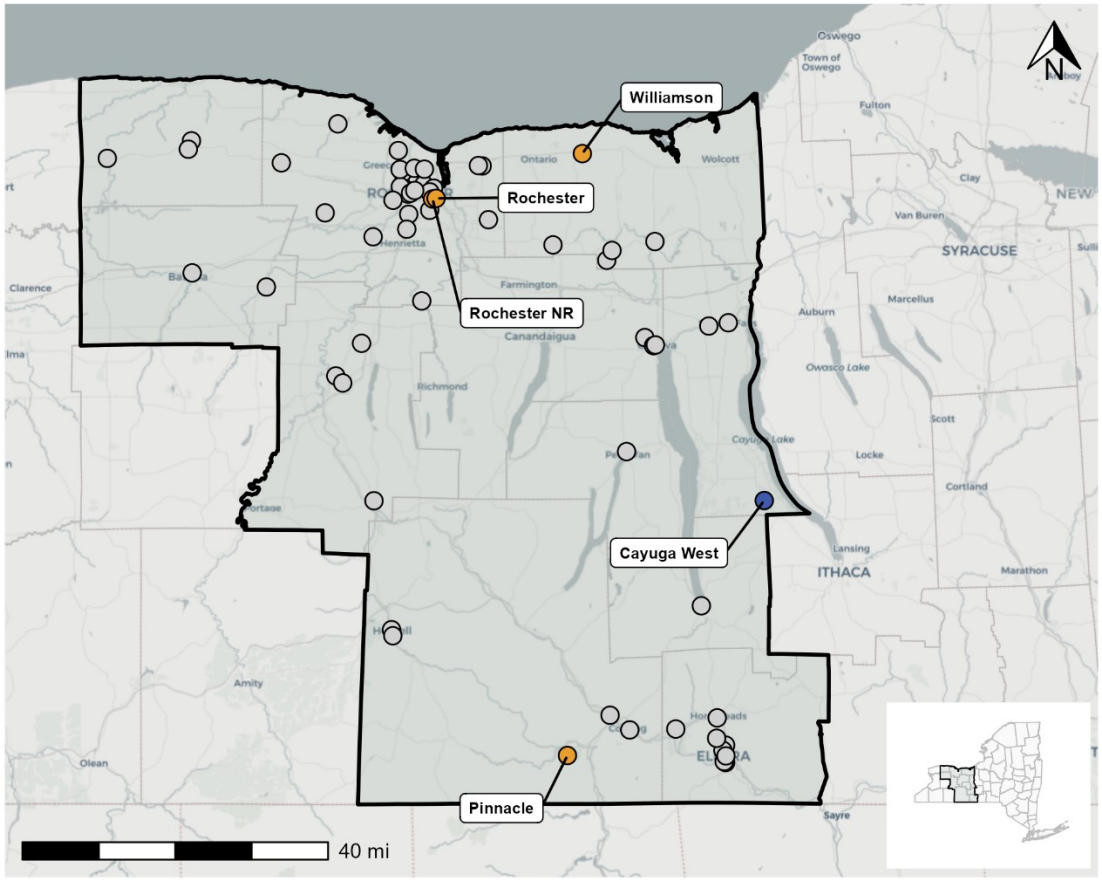
Station	Monitor Type	Site No.	2022 98th PERCENTILE	2023 98th PERCENTILE	2024 98th PERCENTILE	3-year average of 98th PERCENTILE	2022 Annual Mean	2023 Annual Mean	2024 Annual Mean	3-year average of annual means
East Syracuse	Continuous	36_067_1015	13.0	34.0	13.0	20.0	6.1	8.4	5.1	6.5
East Syracuse	Filter	36_067_1015	10.1	24.1	10.6	14.9	4.9	7.4	5.2	5.8

Annual summary by site

Station	Monitor Type	Site No.	Total Obs	1st Max µg/m3	1st Max date	2nd Max µg/m3	2nd Max date	3rd Max µg/m3	3rd Max date	Q1 Mean	Q2 Mean	Q3 Mean	Q4 Mean
East Syracuse	Continuous	36_067_1015	365	14.6	12/27	14.2	08/15	14.1	07/29	5.1	4.5	6.5	4.3
East Syracuse	Filter	36_067_1015	60	10.7	08/04	10.6	11/08	10.3	03/13	4.8	4.7	6.9	4.3

New York State Department of Environmental Conservation

Region 8 Air Quality Monitoring Sites



Closed before 2014 | Closed before 2024 | Open as of 12/31/2024

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Monitoring site data pulled from EPA AQS on: 2025-08-13

NYSDEC Region **8**

SULFUR DIOXIDE- Continuous Pulsed Fluorescence | Parameter Code: 42401

Annual Averages 2014 through 2024

Site	AQS ID	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
Pinnacle	36_101_0003	0.45	0.33	0.21	0.13	0.13	0.07	0.02	0.04	0.10	0.02	0.03
Rochester	36_055_1007	0.96	0.79	0.68	0.49	0.23	0.17	0.11	0.11	0.07	0.10	0.04
Cayuga West*	36_099_0002				0.11	0.09	0.23					

*Site closed in 2019

Average of annual 99th PERCENTILE for last 3 years not to exceed 75 PPB

Site	AQS ID	Total Obs	% Avail	2022	2023	2024	3-year Avg. of 99th PERCENTILE
Pinnacle	36_101_0003	8,561	97	1.9	1.1	1.2	1.40
Rochester	36_055_1007	8,606	98	1.8	1.6	0.9	1.43

NYSDEC Region **8**

CARBON MONOXIDE- - Continuous Gas Filter Correlation | Parameter Code: 42101

One-Hour Average | Maximum not to exceed 35 PPM more than once per calendar year

Site	AQS ID	Total Obs	% Avail	1st max	1st max date	2nd max	2nd max date	3rd max	3rd max date	Count of days over 35
Rochester Near Road	36_055_0015	8,373	95	1.22	02/06	1.04	02/06	0.94	10/22	0
Pinnacle	36_101_0003	7,337	84	0.54	12/19	0.45	09/27	0.41	10/21	0
Rochester	36_055_1007	8,613	98	0.94	02/06	0.92	02/06	0.87	02/06	0

Running 8-Hour Average (Non-Overlapping) | Maximum not to exceed 9 PPM more than once per calendar year

Site	AQS ID	Total Obs	% Avail	1st max	1st max date	2nd max	2nd max date	Count of days over 9
Rochester Near Road	36_055_0015	8,319	95	0.6	02/06	0.6	02/06	0
Pinnacle	36_101_0003	7,375	84	0.3	03/30	0.3	03/30	0
Rochester	36_055_1007	8,638	98	0.7	02/06	0.7	02/06	0

NYSDEC Region **8**

OZONE- Continuous UV Light Absorption | Parameter Code: 44201

4th Highest Daily Maximum 8-Hour Average | Not to exceed an avg of 0.070 ppm during the last 3 years

Site	AQS ID	2022	2023	2024	mean 4th max values	Exceeds the NAAQS
Pinnacle	36_101_0003	0.055	0.068	0.058	0.060	No
Rochester	36_055_1007	0.067	0.067	0.061	0.065	No
Williamson	36_117_3001	0.059	0.065	0.060	0.061	No

Annual summary by site | 8 Hour Averages

Site	AQS ID	Total Obs	% Avail	# exceedances	1st max	1st max date	2nd max	2nd max date	3rd max	3rd max date	4th max	4th max date
Pinnacle	36_101_0003	6,108	96	0	0.060	04/23	0.059	06/01	0.059	10/22	0.058	05/20
Rochester	36_055_1007	6,136	97	0	0.067	08/26	0.066	08/25	0.061	05/20	0.061	06/01
Williamson	36_117_3001	5,800	96	0	0.066	08/26	0.062	06/13	0.062	08/25	0.060	06/01

NYSDEC Region **8**

INHALABLE PARTICULATES ($PM_{2.5}$) µg/m3 | Parameter Code: 88101 & 88502

Annual statistics 2022-2024

Station	Monitor Type	Site No.	2022 98th PERCENTILE	2023 98th PERCENTILE	2024 98th PERCENTILE	3-year average of 98th PERCENTILE	2022 Annual Mean	2023 Annual Mean	2024 Annual Mean	3-year average of annual means
Pinnacle	Filter	36_101_0003	12.4	31.2	11.5	18.4	4.6	6.6	4.7	5.3
Pinnacle	Continuous	36_101_0003	10.8	48.5	12.5	23.9	4.9	8.1	4.7	5.9
Rochester	Filter	36_055_1007	13.7	39.3	12.5	21.8	5.5	7.8	5.5	6.3
Rochester	Continuous	36_055_1007	16.5	28	13.3	19.3	6.6	8.7	5.3	6.9
Rochester Near Road	Filter	36_055_0015	15.5	26.2	13.7	18.5	6.1	8.5	5.9	6.8
Rochester Near Road	Continuous	36_055_0015	13.5	15.2	16.2	15.0	6.7	6.6	7	6.8

Annual summary by site

Station	Monitor Type	Site No.	Total Obs	1st Max µg/m3	1st Max date	2nd Max µg/m3	2nd Max date	3rd Max µg/m3	3rd Max date	Q1 Mean	Q2 Mean	Q3 Mean	Q4 Mean
Rochester	Filter	36_055_1007	113	25.2	03/13	14.2	08/01	12.5	10/30	5.7	5.3	6.9	4.3
Rochester	Continuous	36_055_1007	363	15.7	01/24	14.6	07/29	14.2	08/15	5.5	4.7	6.3	4.9
Pinnacle	Filter	36_101_0003	116	16.7	07/29	12.0	02/21	11.5	02/27	4.5	4.7	6.1	3.4
Pinnacle	Continuous	36_101_0003	364	18.0	01/24	17.2	12/27	15.4	02/27	4.8	3.5	6.1	4.4

Station	Monitor Type	Site No.	Total Obs	1st Max µg/m3	1st Max date	2nd Max µg/m3	2nd Max date	3rd Max µg/m3	3rd Max date	Q1 Mean	Q2 Mean	Q3 Mean	Q4 Mean
Rochester Near Road	Filter	36_055_0015	122	15.2	07/29	14.4	08/01	13.7	02/21	5.8	5.3	7.7	4.9
Rochester Near Road	Continuous	36_055_0015	363	18.6	07/29	18.0	08/15	17.4	01/24	6.6	6.8	8.7	5.7

NYSDEC Region **8**

NITROGEN DIOXIDE - Continuous Chemiluminescence | Parameter Code: 42602

Annual Averages 2014 through 2024 | One-Hour Averages - 12-month average not to exceed 53 PPB

Site	AQS ID	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
Rochester Near Road	36_055_0015	9.38	10.09	9.72	9.08	8.73	7.55	5.68	6.52	6.82	6.8	7.11

Average of annual 98th PERCENTILE for last 3 years not to exceed 100 PPB

Site	AQS ID	Total Obs	% Avail	2022	2023	2024	3-year Avg. of 98th PERCENTILE
Rochester Near Road	36_055_0015	8,418	96	31.7	29.2	30.2	30

NYSDEC Region **8**

LEAD - PM_{10} Samplers | Parameter Code: 85128

Annual Summary by site

Station	Site No.	Obvs.	1st max	1st max date	2nd max	2nd max date	3rd max	3rd max date	2022 highest 3 month rolling avg.	2023 highest 3 month rolling avg.	2024 highest 3 month rolling avg.
Rochester	36_055_1007	45	0.0055	09/15	0.0034	09/21	0.0031	04/30	0.0016	0.002	0.0025

NYSDEC Region **8**

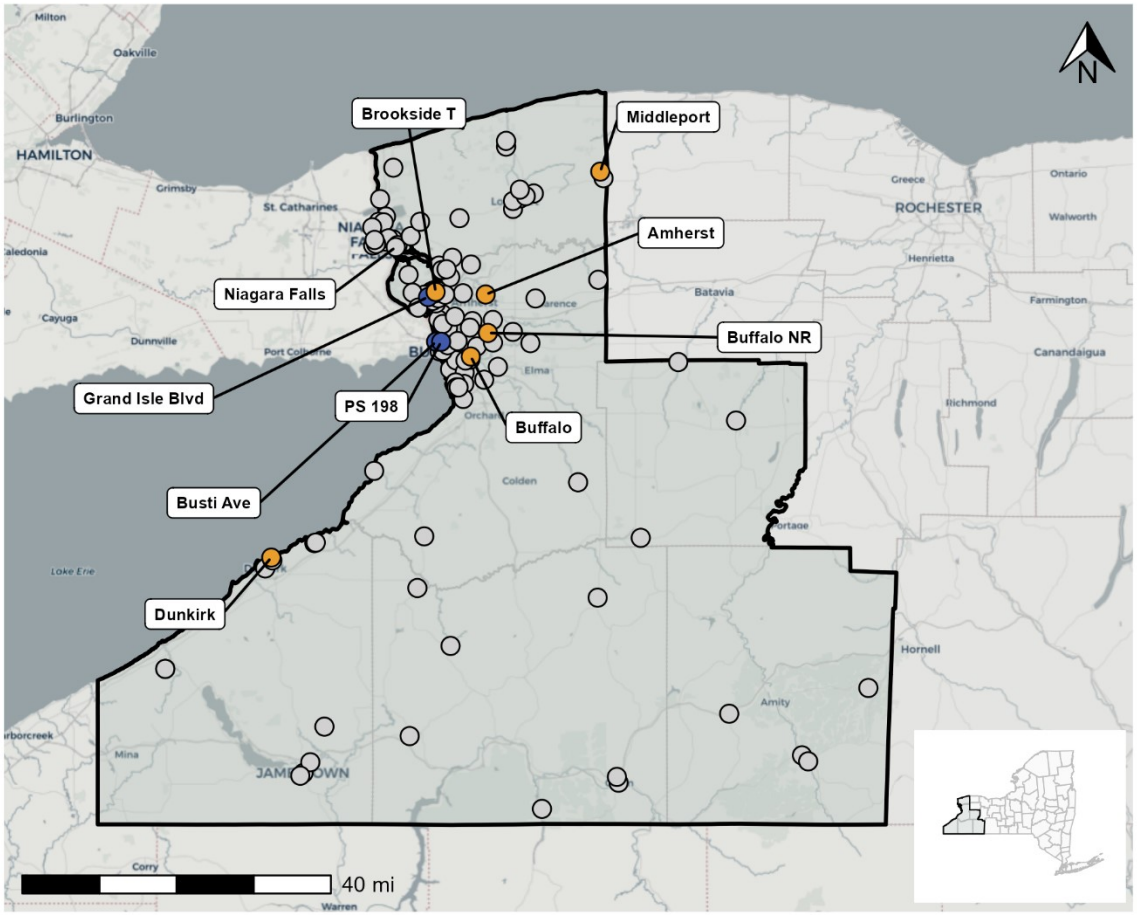
INHALABLE PARTICULATES- PM_{10} ($\mu g/m^3$) STP | Parameter Code: 81102

Annual summary by site

Station	Site No.	Obvs.	1st max	1st max date	2nd max	2nd max date	3rd max	3rd max date	2022 # of exceedances	2023 # of exceedances	2024 # of exceedances	Average exceedances
Rochester	36_055_1007	56	24	07/29	18	09/21	17	05/24	0	0	0	0

New York State Department of Environmental Conservation

Region 9 Air Quality Monitoring Sites



Closed before 2014 | Closed before 2024 | Open as of 12/31/2024

Basemaps © OpenStreetMap contributors
Monitoring site data pulled from EPA AQS on: 2025-08-15

NYSDEC Region **9**

SULFUR DIOXIDE - Continuous Pulsed Fluorescence | Parameter Code: 42401

Annual Averages 2014 through 2024

Site	AQS ID	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
Brookside T	36_029_1014	1.52	1.02	0.77	0.34	0.38	0.33	0.20	0.22	0.17	0.13	0.13
Dunkirk*	36_013_0006	1.50	1.28	0.41	0.16	0.14	0.13	0.11	0.14			
Buffalo	36_029_0005	1.49	1.04	0.49	0.35	0.40	0.40	0.34	0.32	0.22	0.10	0.17

*Monitor closed in 2022

Average of annual 99th PERCENTILE for last 3 years not to exceed 75 PPB

Site	AQS ID	Total Obs	% Avail	2022	2023	2024	3-year Avg. of 99th PERCENTILE
Brookside T	36_029_1014	8,583	98	10.8	2.0	2.5	5.1
Buffalo	36_029_0005	8,608	98	2.8	3.0	3.5	3.1

NYSDEC Region **9**

CARBON MONOXIDE- - Continuous Gas Filter Correlation | Parameter Code: 42101

One-Hour Average | Maximum not to exceed 35 PPM more than once per calendar year

Site	AQS ID	Total Obs	% Avail	1st max	1st max date	2nd max	2nd max date	3rd max	3rd max date	Count of days over 35
Buffalo Near Road	36_029_0023	7,968	91	1.21	04/08	1.15	02/07	0.95	01/24	0
Buffalo	36_029_0005	8,467	96	0.90	02/06	0.90	02/21	0.80	01/24	0

Running 8-Hour Average (Non-Overlapping) | Maximum not to exceed 9 PPM more than once per calendar year

Site	AQS ID	Total Obs	% Avail	1st max	1st max date	2nd max	2nd max date	Count of days over 9
Buffalo Near Road	36_029_0023	7,916	90	0.7	01/24	0.7	02/05	0
Buffalo	36_029_0005	8,465	96	0.7	01/24	0.7	01/25	0

NYSDEC Region **9**

OZONE- Continuous UV Light Absorption | Parameter Code: 44201

4th Highest Daily Maximum 8-Hour Average | Not to exceed an avg of 0.070 ppm during the last 3 years

Site	AQS ID	2022	2023	2024	mean 4th max values	Exceeds the NAAQS
Dunkirk	36_013_0006	0.071	0.072	0.065	0.069	No
Middleport	36_063_1006	0.068	0.065	0.063	0.065	No
Amherst	36_029_0002	0.066	0.067	0.068	0.067	No

Annual summary by site | 8 Hour Averages

Site	AQS ID	Total Obs	% Avail	# exceedances	1st max	1st max date	2nd max	2nd max date	3rd max	3rd max date	4th max	4th max date
Dunkirk	36_013_0006	5,848	100	1	0.072	06/13	0.067	07/09	0.065	06/22	0.065	07/29
Middleport	36_063_1006	5,183	82	1	0.072	06/13	0.065	08/26	0.064	08/27	0.063	07/09
Amherst	36_029_0002	5,983	98	1	0.072	06/13	0.069	08/25	0.069	08/26	0.068	06/22

NYSDEC Region **9**

INHALABLE PARTICULATES ($PM_{2.5}$) µg/m^3 | Parameter Code: 88101 & 88502

Annual statistics 2022-2024

Station	Monitor Type	Site No.	2022 98th PERCENTILE	2023 98th PERCENTILE	2024 98th PERCENTILE	3-year average of 98th PERCENTILE	2022 Annual Mean	2023 Annual Mean	2024 Annual Mean	3-year average of annual means
Amherst	Filter	36_029_0002	13.7	27.6	14.7	18.7	5.8	7.9	5.9	6.5
Brookside T	Continuous	36_029_1014	13.7	28.1	14.9	18.9	6.6	8.7	6.9	7.4
Buffalo	Filter	36_029_0005	15.8	25.7	14.5	18.7	6.5	8.4	6.3	7.1
Buffalo	Continuous	36_029_0005	21.4	54.9	14.9	30.4	8.0	12.8	6.6	9.1
Buffalo Near Road	Filter	36_029_0023	17.2	28.0	14.3	19.8	6.6	9.0	6.4	7.3
Buffalo Near Road	Continuous	36_029_0023	14.6	34.3	15.3	21.4	7.2	9.4	7.0	7.9
Dunkirk	Filter	36_013_0006	14.5	26.0	12.3	17.6	5.6	7.1	5.5	6.1

Annual summary by site

Station	Monitor Type	Site No.	Total Obs	1st Max µg/m^3	1st Max date	2nd Max µg/m^3	2nd Max date	3rd Max µg/m^3	3rd Max date	Q1 Mean	Q2 Mean	Q3 Mean	Q4 Mean
Amherst	Filter	36_029_0002	61	14.7	07/05	14.7	09/15	14.3	07/29	5.3	5.2	8.8	4.2
Brookside T	Continuous	36_029_1014	339	19.8	07/31	18.5	08/01	17.1	07/14	7.3	6.5	8.2	5.8
Buffalo	Filter	36_029_0005	61	14.7	08/16	14.5	08/04	13.9	07/29	6.1	5.5	9.2	4.3
Buffalo	Continuous	36_029_0005	364	19.0	02/13	17.0	03/13	16.6	08/04	6.6	6.4	7.8	5.7

Station	Monitor Type	Site No.	Total Obs	1st Max µg/m3	1st Max date	2nd Max µg/m3	2nd Max date	3rd Max µg/m3	3rd Max date	Q1 Mean	Q2 Mean	Q3 Mean	Q4 Mean
Buffalo Near Road	Filter	36_029_0023	119	15.0	07/05	14.6	08/04	14.3	08/25	5.9	6.2	8.5	4.8
Buffalo Near Road	Continuous	36_029_0023	355	17.3	03/13	17.2	08/04	17.1	08/05	7.3	6.5	8.2	5.8
Dunkirk	Filter	36_013_0006	58	13.1	03/13	12.3	07/23	12.3	07/29	5.5	5.2	7.4	3.9

NYSDEC Region **9**

NITROGEN DIOXIDE- Continuous Chemiluminescence | Parameter Code: 42602

Annual Averages 2014 through 2024 | One-Hour Averages - 12-month average not to exceed 53 PPB

Site	AQS ID	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
Buffalo	36_029_0005	8.73	11.10	9.90	9.60	9.81	9.47	7.56	8.24	9.17	7.91	8.12
Buffalo Near Road	36_029_0023	9.95	12.48	10.78	9.49	9.54	9.11	7.06	9.47	10.24	10.20	9.00

Average of annual 98th PERCENTILE for last 3 years not to exceed 100 PPB

Site	AQS ID	Total Obs	% Avail	2022	2023	2024	3-year Avg. of 98th PERCENTILE
Buffalo	36_029_0005	5,955	68	50.6	41.6	40.6	44
Buffalo Near Road	36_029_0023	8,226	94	45.7	42.7	38.1	42

Date	Revision Number	Description
8/27/2025	1	Initial Release
12/23/2025	2	Error was corrected in how the NO_2 98^{th} Percentile Design Value was populated.