SULFUR DIOXIDE - Continuous Pulsed Fluorescence

NYSDEC Region **1**

Annual Averages 2001 through 2011
Annual Arithmetic Mean (ppb) - Primary Standard
(12 month average not to exceed 30 PPB *)

Station	Site No.	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
Eisenhower Park	2950-10	5.13	3.92	4.54	4.29	4.16	3.86	3.73	4.72	3.45	2.09	1.97
Holtsville	5151-10	6.08	5.62	5.84	7.04	7.26	3.74	4.54	4.82	3.81	3.95	2.22

Holtsville site (5151-10) was operated by Suffolk County Health Dept until 9/30/10, when NYSDEC commenced monitoring.

Comparison Between NYS Ambient Air Quality and Ambient Air Quality Standards for Calendar Year 2011

		One Hour Averages average of 99th percentile for last 3 years not to exceed 75 PPB *						**3-Hour Block Averages** Maximum not to exceed 500 PPB more than once per calendar year *			**24 Hour Average** Maximum not to exceed 140 PPB more than once per calendar year *		
		Observations		**99th Percentile, PPB**				**Obs.**	**Highest Values, PPB**		**Obs.**	**Highest Values, PPB Midnight - Midnight**	
Station	**Site No.**	**Total Obs.**	**% Avail**	**2011**	**2010**	**2009**	**3-yr avg**	**Total**	**1st**	**2nd**	**Total**	**1st**	**2nd**
Eisenhower Park	2950-10	8,696	99	27.6	18.0	41.0	29	2,878	39.3 [02/07, 08]	36.5 [02/16, 08]	364	13.7 [02/07]	13.2 [01/25]
Holtsville	5151-10	8,314	95	21.3	17.2	39.0	26	2,733	22.0 [02/11, 08]	21.3 [01/22, 17]	348	10.2 [02/04]	10.0 [02/11]

(Annual Means in parentheses are based on less than 75% available data)
*New York and Federal Ambient Air Quality Standard

[Date of Occurrence, Hour]
+ Denotes a contravention of NYS/Federal AAQS

INHALABLE PARTICULATES (<2.5 Microns) - Rupprecht & Patashnick Sampler

NYSDEC Region **1**

Comparison Between NYS Ambient Air Quality and Ambient Air Quality Standards for Calendar Year 2011

(Average of last 3 years' annual means not to exceed 15 µg/m^3 * ;
And average of 98th percentile for last 3 years not to exceed 35 µg/m^3 *, *changed* from 65 µg/m^3 on 12/17/06)

Station	Site No.	Total Obs.	Maximum Values, µg/m^3			98th Percentile, µg/m^3				Quarterly Averages, 2011				Annual Mean, µg/m^3			
			1st	2nd	3rd	2011	2010	2009	3-yr avg	1st	2nd	3rd	4th	2011	2010	2009	3-yr avg
Eisenhower Park(T)	2950-10	332	38.4 [06/09]	36.7 [07/22]	33.4 [06/08]	29.5	26.4	26.7	28	12.1	9.6	10.9	10.9	10.9	9.5	9.7	10.0
Hempstead (F)	2950-18	113	28.7 [06/08]	23.4 [06/23]	23.1 [01/30]	23.1	20.2	25.8	23	9.0	8.7	10.4	7.6	8.9	8.7	9.0	8.9
Babylon (F)	5150-01	115	25.7 [06/08]	23.6 [08/07]	21.7 [07/23]	21.7	26.1	21.6	23	8.1	8.4	10.8	7.9	8.8	8.5	8.1	8.5
Holtsville (T)	5150-10	330	32.6 [07/22]	31.8 [07/04]	24.8 [01/01]	21.2	(25.6)	--	--	10.6	7.2	7.9	8.1	8.5	(9.2)	--	--

(Annual Means in parentheses are based on less than 75% available data)
F = Federal Reference Method T = TEOM (Tapered Element Oscillating Microbalance) not for Standards determination

* Federal Ambient Air Quality Standard
+ Denotes a contravention of Federal AAQS

OZONE - Continuous UV Light Absorption

NYSDEC Region **1**

Annual Averages 2001 through 2011
Annual Arithmetic Mean (ppm)

Station	**Site No.**	**2001**	**2002**	**2003**	**2004**	**2005**	**2006**	**2007**	**2008**	**2009**	**2010**	**2011**
Babylon	5150-02	.023	.024	.025	.024	.024	.024	.026	.026	.027	.029	.029
Holtsville	5151-10	--	--	--	--	--	.030	.032	.031	.028	.032	.028
Riverhead	5155-01	.030	.033	.030	(.029)	.035	.039	.034	.034	.035	.035	.035

Comparison Between NYS Ambient Air Quality and Ambient Air Quality Standards for Calendar Year 2011

		One Hour Averages							**4th Highest Daily Maximum 8-Hour Average-** Not to exceed an avg of 0.075 ppm during the last 3 years, *changed* from 0.08 ppm on 5/27/08*			
		Observations			**Highest Values, PPM**							
Station	**Site No.**	**Total Obs.**	**% Avail**	**>.12 PPM**	**1st**	**2nd**	**3rd**	**4th**	**2009**	**2010**	**2011**	**Avg**
Babylon	5150-02	8,521	97	1	.137 + [07/22, 13]	.123 [06/09, 12]	.121 [07/07, 15]	.113 [07/16, 14]	.079 [08/10]	.085 [07/04]	.089 [06/08]	.084 +
Holtsville (Operated 03/11-12/31)	5151-10	6,761	95	0	.118 [07/22, 13]	.103 [06/09, 14]	.102 [07/07, 14]	.102 [07/16, 15]	.074 [04/26]	.080 [06/04]	.082 [07/16]	.078 +
Riverhead (Operated 03/11-11/06)	5155-01	5,516	95	0	.100 [06/08, 15]	.100 [07/11, 12]	.096 [07/22, 14]	.091 [06/07, 15]	.071 [09/05]	.075 [06/05]	.080 [07/07]	.075

Due to EPA Waiver for SLAMS (Non-NAMS), % Availability may be based on operational year of less than 12 months (Holtsville, Riverhead)

(Annual Means in parentheses are based on less than 75% available data)
*Federal Ambient Air Quality Standard

[Date of Occurrence, Hour]
+ Denotes a contravention of Federal AAQS

NITROGEN DIOXIDE - Continuous Chemiluminescence

NYSDEC Region **1**

Annual Averages 2001 through 2011

Annual Arithmetic Mean (PPB) - Primary Standard
(12 month average not to exceed 53 PPB *)

Station	**Site No.**	**2001**	**2002**	**2003**	**2004**	**2005**	**2006**	**2007**	**2008**	**2009**	**2010**	**2011**
Eisenhower Park	2950-10	24.34	22.44	20.99	(19.48)	19.56	18.34	18.28	17.30	15.56	14.57	xxx
Holtsville	5151-10	17.28	17.13	14.37	12.52	13.41	13.13	10.45	10.53	9.82	8.78	xxx

Sampling at 551-10 was conducted by Suffolk County Health Dept.
Sampling at 2950-10 and 5151-10 was terminated on 12/31/2010

Comparison Between NYS Ambient Air Quality and Ambient Air Quality Standards for Calendar Year 2011

		One-Hour Averages - average of 98th percentile for last 3 years not to exceed 75 PPB *								
		Observations		**98th Percentile, PPB**				**Highest Values, PPB**		
Station	**Site No.**	**Total**	**% Avail**	**2009**	**2010**	**2011**	**3-yr avg**	**1st**	**2nd**	**3rd**
Eisenhower Park	2950-10	xxx	xx	58.0	57.0	xxx	xx	xxx	xxx	xxx

(Annual Means in parentheses are based on less than 75% available data)
*New York and Federal Ambient Air Quality Standard

[Date of Occurrence, Hour]
+ Denotes a contravention of NYS/Federal AAQS

SULFUR DIOXIDE - Continuous Pulsed Fluorescence

NYSDEC Region **2**

Annual Averages 2001 through 2011

Annual Arithmetic Mean (ppb) - Primary Standard
(12 month average not to exceed 30 PPB *)

Station	**Site No.**	**2001**	**2002**	**2003**	**2004**	**2005**	**2006**	**2007**	**2008**	**2009**	**2010**	**2011**
PS 59	7093-10	12.46	12.36	(13.89)	(10.19)	11.18	9.65	9.75	(10.81)	xxx	xxx	xxx
Botanical Garden (Harding Lab/Pfizer Lab)	7094-06 / 7094-10	10.30	8.53	8.64	8.70	9.33	6.65	6.67	5.96	5.32	4.83	4.65
IS 52	7094-07	(13.18)	10.01	10.62	10.27	10.91	8.83	7.86	6.58	6.33	(6.22)	xxx
Queensboro Comm. College	7096-08	6.99	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx
Queens College 2	7096-15	(7.24)	6.40	6.94	5.48	6.48	5.24	4.89	4.02	3.41	2.83	2.65

Sampling was suspended at 7094-07 on 06/24/10 due to building construction

Comparison Between NYS Ambient Air Quality and Ambient Air Quality Standards for Calendar Year 2011

		One Hour Averages average of 99th percentile for last 3 years not to exceed 75 PPB *						**3-Hour Block Averages** Maximum not to exceed 500 PPB more than once per calendar year *			**24 Hour Average** Maximum not to exceed 140 PPB more than once per calendar year *		
		Observations		**99th Percentile, PPB**				**Obs.**	**Highest Values, PPB**		**Obs.**	**Highest Values, PPB Midnight - Midnight**	
Station	**Site No.**	**Total Obs.**	**% Avail**	**2011**	**2010**	**2009**	**3-yr avg**	**Total**	**1st**	**2nd**	**Total**	**1st**	**2nd**
Botanical Garden (Harding Lab/Pfizer Lab)	7094-06 / 7094-10	8,719	99	41.3	50.2	61.0	51	2,893	43.7 [01/25, 20]	39.2 [02/24, 08]	365	26.1 [01/25]	20.4 [01/28]
Queens College 2	7096-15	8,465	97	29.6	25.4	36.5	30	2,761	31.1 [02/07, 08]	29.7 [01/28, 11]	358	15.7 [01/25]	15.1 [01/28]

(Annual Means in parentheses are based on less than 75% available data)
*New York and Federal Ambient Air Quality Standard

[Date of Occurrence, Hour]
+ Denotes a contravention of NYS/Federal AAQS

INHALABLE PARTICULATES (PM10) - Wedding Sampler or R&P Model 2025 Sampler

NYSDEC Region **2**

Annual Averages 2001 through 2011

Annual Arithmetic Mean (ug/m3)

Station	Site No.	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	3 Yr Exp Val
PS 59 (R&P)	7093-10	--	--	--	--	--	23	25	(26)	xx	xx	xx	xx
Madison Ave (R&P)	7093-12	--	--	--	--	--	--	--	35	33	30	xx	xx
PS 19 (R&P)	7093-21	--	--	--	--	--	--	--	--	20	20	20	20
Division Street (R&P)	7093-24	--	--	--	--	--	--	25	24	21	21	22	21
Canal Street (R&P)	8100-02	--	26	26	24	26	23	(27)	xx	xx	xx	xx	xx
IS 52 (W, R&P)	7094-07	(21) W	21 W	22 W	18 W	xx	xx	22 R&P	21 R&P	19 R&P	(19) R&P	*xx*	xx
Morrisania (R&P)	7094-05	--	--	--	--	--	--	--	--	--	(18)	19	xx
JHS 126 (W)	7095-43	20	21	20	17	xx	xx	xx	xx	xx	xx	xx	xx
Queens College 2(R&P)	7096-15	--	--	--	--	--	(20)	20	20	17	17	16	17
Susan Wagner (W)	7097-01	16	17	16	13	xx	xx	xx	xx	xx	xx	xx	xx

Lab results not received for Wedding samplers for 2005. Sampling terminated at Wedding Samplers on 12/31/2005. Sampling at 7093-10 commenced on 01/01/06 and at 7096-15 on 07/01/06. Sampling at 8100-02 terminated on 03/31/07 and at 7093-10 on 6/30/08. Sampling was suspended at 7094-07 on 06/24/10 due to building construction and moved to 7094-05. Sampling terminated at 7093-12 on 12/31/10.

Comparison Between NYS Ambient Air Quality and Ambient Air Quality Standards for Calendar Year 2011

		24-Hour Concentrations - ug/m3							# of Days > 150 ug/m3 - Not to exceed an expected avg of one per year during the last 3 years *						
			Maximum		2nd Max.		3rd Max.		2009		2010		2011		
Station	Site No.	Total Obs.	Value	Date	Value	Date	Value	Date	Mea	Est	Mea	Est	Mea	Est	Exp Avg
Madison Ave	7093-12	xxx	xx	xxx	xx	xxx	xx	xxx	0	0.0	0	0.0	xx	xx	xxx
PS 19	7093-21	118	57	02/17	40	06/08	39	11/08	0	0.0	0	0.0	0	0.0	0.0
Division Street (R&P)	7093-24	112	57	02/17	48	06/08	46	05/27	0	0.0	0	0.0	0	0.0	0.0
Morrisania (R&P)	7094-05	56	42	12/05	37	06/08	35	05/27	--	---	0	0.0	0	0.0	0.0
Queens College 2(R&P)	7096-15	57	47	06/08	40	07/20	35	05/27	0	0.0	0	0.0	0	0.0	0.0

(Annual Means in parentheses are based on less than 75% available data) Mea=Measured Est=Estimated

* Federal Ambient Air Quality Standard W=Wedding Sampler R&P=R&P Model 2025 Sampler + Denotes a contravention of Federal AAQS

INHALABLE PARTICULATES (<2.5 Microns) - Rupprecht & Patashnick Sampler

NYSDEC Region **2**
(Manhattan Sites)

Comparison Between NYS Ambient Air Quality and Ambient Air Quality Standards for Calendar Year 2011

(Average of last 3 years' annual means not to exceed 15 μg/m3 *;
and average of 98th percentile for last 3 years not to exceed 35 μg/m3 *, *changed* from 65 μg/m3 on 12/17/06)

Station	Site No.	Total Obs.	Maximum Values, µg/m³			98th Percentile, µg/m³				Quarterly Averages, 2011				Annual Mean, µg/m³			
			1st	2nd	3rd	2011	2010	2009	3-yr avg	1st	2nd	3rd	4th	2011	2010	2009	3-yr avg
JHS 45 (F)	7093-08	106	32.6 [02/17]	26.8 [07/20]	25.2 [02/23]	25.2	25.2	28.8	26	11.2	(11.0)	11.6	8.8	10.7	9.7	10.5	10.3
IS 143 (T)	7093-15	123	42.8 [01/01]	36.8 [01/17]	34.5 [02/17]	(34.5)	28.6	29.8	31	18.8	11.9	xx	xx	(15.4)	12.5	12.5	13.5
Manhattanville PO (T)	7093-17	143	36.9 [01/01]	27.4 [02/17]	24.3 [01/26]	(24.3)	25.3	25.0	25	11.8	8.2	xx	xx	(10.0)	9.8	10.4	10.1
Park Row (T) (WTC)	7093-18	13	xx	xx	xx	xx	25.7	24.0	xx	(14.9)	xx	xx	xx	xx	10.0	10.0	xx
PS 19 (F)	7093-21	112	26.8 [02/17]	26.5 [06/08]	26.4 [07/20]	26.4	25.4	29.0	27	13.0	11.2	13.1	11.2	12.1	11.5	12.0	11.9
PS 19 (T)	7093-21	337	39.4 [06/09]	39.3 [07/21]	35.7 [01/01]	29.6	25.3	25.9	27	14.4	12.5	11.8	8.9	11.9	10.9	11.2	11.3
Division St (F)	7093-24	109	29.5 [06/08]	27.0 [02/17]	26.8 [08/10]	26.8	27.0	29.0	28	11.7	11.9	13.2	11.1	12.0	11.5	11.6	11.7
Division St (T)	7093-24	351	36.3 [06/09]	32.0 [01/01]	30.8 [06/08]	23.8	26.9	25.2	25	12.0	10.2	10.5	10.5	10.8	10.3	10.8	10.6
CCNY (T)	7093-25	317	36.6 [01/01]	31.5 [06/09]	26.9 [02/17]	24.1	26.4	25.9	25	12.4	9.6	9.4	10.3	10.4	10.2	10.8	10.5

TEOM sampling at 7093-15 was terminated on 05/04/11, at 7093-17 on 05/24/12, and at 7093-18 on 01/13/11.

(Annual Means in parentheses are based on less than 75% available data)
F = Federal Reference Method T = TEOM (Tapered Element Oscillating Microbalance) not for Standards determination

* Federal Ambient Air Quality Standard
+ Denotes a contravention of Federal AAQS

INHALABLE PARTICULATES (<2.5 Microns) - Rupprecht & Patashnick Sampler

NYSDEC Region **2**
(Bronx & Brooklyn Sites)

Comparison Between NYS Ambient Air Quality and Ambient Air Quality Standards for Calendar Year 2011
(Average of last 3 years' annual means not to exceed 15 μg/m3 *;
and average of 98th percentile for last 3 years not to exceed 35 μg/m3 *, *changed* from 65 μg/m3 on 12/17/06)

Station	Site No.	Total Obs.	Maximum Values, µg/m³			98th Percentile, µg/m³				Quarterly Averages, 2011				Annual Mean, µg/m³			
			1st	2nd	3rd	2011	2010	2009	3-yr avg	1st	2nd	3rd	4th	2011	2010	2009	3-yr avg
Morrisania (F)	7094-05	109	27.9 [01/15]	27.4 [02/05]	27.0 [12/05]	27.0	27.0	30.0	28	12.6	10.5	12.5	10.9	11.6	11.4	12.7	11.9
IS 52 (F)	7094-07	xxx	xxx	xxx	xxx	xxx	(25.4)	30.6	xx	xxx	xxx	xxx	xxx	xxx	(10.2)	10.8	xxx
IS 52 (T)	7094-07	xxx	xxx	xxx	xxx	xxx	(24.4)	28.3	xx	xxx	xxx	xxx	xxx	xxx	(10.4)	10.5	xxx
IS 74 (T)	7094-08	341	34.4 [06/09]	33.1 [01/01]	31.4 [07/21]	28.3	26.3	28.6	28	13.3	10.4	10.7	13.4	12.0	10.6	10.8	11.1
PS 154 (T)	7094-09	363	37.8 [06/09]	36.7 [01/01]	34.2 [07/21]	26.5	27.0	26.9	27	13.1	10.7	10.5	10.6	11.2	10.7	10.9	10.9
Botanical Gdn - Pfizer (F)	7094-10	120	27.3 [02/17]	23.5 [07/20]	23.0 [02/05]	23.0	24.8	27.4	25	11.3	8.9	11.0	8.7	10.0	10.0	10.0	10.0
PS 314 (T)	7095-07	365	34.2 [06/09]	29.4 [01/01]	28.6 [07/21]	22.7	24.9	25.1	24	11.0	9.3	9.3	9.0	9.7	9.5	10.3	9.8
JHS 126 (F)	7095-43	111	25.7 [07/20]	24.4 [02/17]	24.3 [06/08]	24.3	24.8	26.9	25	9.8	9.8	11.4	10.0	10.3	9.9	10.7	10.3
IS 293 (T)	7095-44	271	39.6 [06/09]	33.1 [01/01]	27.9 [06/08]	23.8	25.8	25.3	25	11.6	9.4	9.1	10.7	10.2	9.8	10.0	10.0
PS 274 (T)	7095-98	337	34.8 [06/09]	31.1 [01/01]	28.5 [06/08]	21.9	25.2	23.9	24	11.2	9.7	8.9	10.0	10.0	9.6	9.7	9.8

Sampling was suspended at 7094-07 from 06/20/01 to 10/04/01 and again on 06/24/10 due to building construction

(Annual Means in parentheses are based on less than 75% available data)
F = Federal Reference Method T = TEOM (Tapered Element Oscillating Microbalance) not for Standards determination

* Federal Ambient Air Quality Standard
+ Denotes a contravention of Federal AAQS

INHALABLE PARTICULATES (<2.5 Microns) - Rupprecht & Patashnick Sampler

NYSDEC Region **2**
(Queens, and Staten Island Sites)

Comparison Between NYS Ambient Air Quality and Ambient Air Quality Standards for Calendar Year 2011
(Average of last 3 years' annual means not to exceed 15 μg/m3 *;
and average of 98th percentile for last 3 years not to exceed 35 μg/m3 *, *changed* from 65 μg/m3 on 12/17/06)

Station	Site No.	Total Obs.	Maximum Values, µg/m³			98th Percentile, µg/m³				Quarterly Averages, 2011				Annual Mean, µg/m³			
			1st	2nd	3rd	2011	2010	2009	3-yr avg	1st	2nd	3rd	4th	2011	2010	2009	3-yr avg
Maspeth Library (T)	7096-13	353	33.5 [06/09]	29.8 [01/01]	29.6 [07/22]	23.6	26.3	25.3	25	12.3	9.2	9.8	9.8	10.3	10.5	10.2	10.3
PS 219 / Queens College 2 (F)	7096-14 / 7096-15	300	34.9 [01/01]	32.3 [01/25]	26.4 [01/28]	24.7	25.5	26.7	26	11.2	(8.0)	9.7	8.5	9.4	9.4	9.6	9.5
PS 219 / Queens College 2 (T)	7096-14 / 7096-15	142	34.5 [01/01]	30.7 [01/25]	26.0 [01/28]	26.0	29.8	23.2	26	11.1	9.1	8.2	xx	(9.5)	11.2	8.9	9.9
Susan Wagner (F)	7097-01	116	27.2 [07/20]	23.8 [06/08]	23.6 [06/23]	23.6	21.5	23.0	23	8.1	9.4	10.5	7.4	8.8	8.3	8.5	8.5
Port Richmond (F)	7097-03	106	26.0 [06/23]	24.2 [07/20]	23.2 [06/08]	23.2	25.5	24.6	24	(10.1)	9.6	10.8	9.0	9.9	9.7	9.8	9.8
Port Richmond (T)	7097-03	216	32.8 [06/09]	29.2 [07/21]	27.9 [07/22]	24.9	xx	xx	xx	--	(9.8)	10.6	11.7	(10.7)	--	--	--
Freshkills West (T)	7097-17	218	28.5 [07/21]	28.3 [01/01]	24.8 [04/04]	21.0	25.3	22.6	23	10.9	8.2	10.0	8.1	9.3	9.2	9.2	9.2
PS 44 (T)	7097-18	87	29.4 [01/01]	21.6 [01/26]	21.0 [01/28]	(21.6)	25.0	22.8	23	(10.5)	xx	xx	xx	(10.5)	9.1	8.9	9.5

PS219 FRM Sampler moved to Queens College 2 on 07/01/06; TEOM sampler moved on 08/21/09 and sampling terminated on 08/13/11. TEOM sampling commenced at 7097-03 on 04/23/11. TEOM sampling at 7097-18 was terminated on 03/28/11.

(Annual Means in parentheses are based on less than 75% available data)
F = Federal Reference Method T = TEOM (Tapered Element Oscillating Microbalance) not for Standards determination

* Federal Ambient Air Quality Standard
+ Denotes a contravention of Federal AAQS

CARBON MONOXIDE - Continuous Non-Dispersive Infrared

NYSDEC Region **2**

Annual Averages 2001 through 2011
Annual Arithmetic Mean (ppm)

Station	Site No.	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
PS 59	7093-10	0.8	0.7	(0.8)	0.7	0.6	0.6	0.6	(0.5)	xx	xx	xx
CCNY	7093-25	---	---	---	---	---	---	---	0.4	0.6	0.5	0.4
Botanical Garden (Harding Lab/Pfizer Lab)	7094-06/7094-10	0.7	0.7	0.8	0.6	0.6	0.5	0.6	0.5	0.5	0.6	0.4
Queensboro Comm Coll	7096-08	0.5	xx	xx	xx	xx	xx	xx	xx	xx	xx	xx
Queens College 2	7096-15	---	0.6	0.6	0.5	0.5	0.4	0.4	0.4	0.5	0.4	0.3

Sampling was terminated at 7096-08 on 12/30/2001 at 7093-10 on 07/01/08; sampling commenced at 7093-25 on 07/09/08.

Comparison Between NYS Ambient Air Quality and Ambient Air Quality Standards for Calendar Year 2011

		One-Hour Average Maximum not to exceed 35 PPM more than once per calendar year *						**Running 8-Hour Average** (Non-Overlapping) Maximum not to exceed 9 PPM more than once per calendar year *					
		Observations			**Highest Values, PPM**			**Observations**		**Highest Values, PPM**			
Station	**Site No.**	**Total Obs.**	**% Avail**	**>35 PPM**	**1st**	**2nd**	**3rd**	**Total**	**>9 PPM**	**1st**	**2nd**	**3rd**	**Days> 9PPM**
CCNY	7093-25	8,751	100	0	3.1 [11/09, 10]	2.7 [11/04, 11]	2.7 [11/09, 11]	8,749	0	2.0 [11/09, 11]	1.7 [11/27, 07]	1.6 [02/18, 00]	0
Botanical Gardens (Pfizer Lab)	7094-10	8,750	100	0	3.2 [11/27, 00]	3.0 [11/27, 01]	2.9 [11/26, 23]	8,746	0	2.8 [11/27, 05]	1.7 [11/09, 04]	1.6 [12/04, 07]	0
Queens College 2	7096-15	8.381	96	0	2.1 [11/08, 07]	1.9 [07/20, 09]	1.9 [11/05, 23]	8,231	0	1.8 [11/06, 06]	1.4 [01/26, 01]	1.3 [11/27 00]	0

(Annual Means in parentheses are based on less than 75% available data)
*New York and Federal Ambient Air Quality Standard

[Date of Occurrence, Hour]
+ Denotes a contravention of NYS/Federal AAQS (Note: 9PPM standard is not exceeded unless 8-hour avg > 9.4 PPM)

OZONE - Continuous UV Light Absorption

NYSDEC Region **2**

Bronx, Brooklyn, and Staten Island Sites

Annual Averages 2001 through 2011

Annual Arithmetic Mean (ppm)

Station	**Site No.**	**2001**	**2002**	**2003**	**2004**	**2005**	**2006**	**2007**	**2008**	**2009**	**2010**	**2011**
Botanical Garden (Harding Lab/Pfizer Lab)	7094-06 / 7094-10	.017	.017	.017	.017	.018	.020	.020	.019	.020	.024	.021
IS 52	7094-07	(.014)	.017	.016	.016	.016	.017	.019	.019	.018	(.022)	xxx
Susan Wagner	7097-01	.032	.034	.029	.029	.030	.032	.026	.022	.025	.029	.028

Sampling was suspended at 7094-07 on 06/24/10 due to building construction

Comparison Between NYS Ambient Air Quality and Ambient Air Quality Standards for Calendar Year 2011

		One Hour Averages							**4th Highest Daily Maximum 8-Hour Average-** Not to exceed an avg of 0.075 ppm during the last 3 years, *changed* from 0.08 ppm on 5/27/08*			
		Observations			**Highest Values, PPM**							
Station	**Site No.**	**Total Obs.**	**% Avail**	**>.12 PPM**	**1st**	**2nd**	**3rd**	**4th**	**2009**	**2010**	**2011**	**Avg**
Botanical Gardens - Pfizer Lab	7094-10	8,747	99	0	.109 [06/09, 18]	.097 [07/11, 13]	.095 [07/07, 16]	.092 [07/06, 12]	.065 [06/07]	.073 [07/06]	.079 [07/07]	.072
IS 52	7094-07	xxx	xx	xx	xxx	xxx	xxx	xxx	.063 [04/26]	.062 [06/03]	xxx	xxx
Susan Wagner	7097-01	8,599	98	0	.113 [07/07, 12]	.104 [06/09, 12]	.103 [06/01, 15]	.098 [07/31, 14]	.078 [05/22]	.085 [07/28]	.087 [07/22]	.083 +

(Annual Means in parentheses are based on less than 75% available data)

*Federal Ambient Air Quality Standard

[Date of Occurrence, Hour]

+ Denotes a contravention of Federal AAQS

OZONE - Continuous UV Light Absorption

NYSDEC Region **2**

Manhattan and Queens Sites

Annual Averages 2001 through 2011

Annual Arithmetic Mean (ppm)

Station	**Site No.**	**2001**	**2002**	**2003**	**2004**	**2005**	**2006**	**2007**	**2008**	**2009**	**2010**	**2011**
CCNY	7093-25	---	---	---	---	---	---	.019	.018	.017	.023	.021
Queensboro Comm Coll	7096-08	.021	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx
College Point P.O.	7096-09	.017	.018	.017	.016	.017	xxx	xxx	xxx	xxx	xxx	xxx
Queens College 2	7096-15	(.017)	.019	.019	.018	.020	.021	.021	.022	.021	.024	.024

Sampling was commenced at 7096-15 on 07/14/2001 and was terminated at 7096-08 on 12/30/2001and at 7096-09 on 01/05/06.

Comparison Between NYS Ambient Air Quality and Ambient Air Quality Standards for Calendar Year 2011

		One Hour Averages							**4th Highest Daily Maximum 8-Hour Average-** Not to exceed an avg of 0.075 ppm during the last 3 years, *changed* from 0.08 ppm on 5/27/08*			
		Observations			**Highest Values, PPM**							
Station	**Site No.**	**Total Obs.**	**% Avail**	**>.12 PPM**	**1st**	**2nd**	**3rd**	**4th**	**2009**	**2010**	**2011**	**Avg**
CCNY	7093-25	8,238	94	0	.121 [06/09, 12]	.101 [06/01, 13]	.101 [07/21, 15]	.096 [07/11, 14]	.064 [08/22]	.074 [07/06]	.080 [06/08]	.072
Queens College 2	7096-15	8,540	97	1	.128 + [06/09, 12]	.107 [07/22, 15]	.100 [07/07, 16]	.096 [07/11, 11]	.067 [08/03]	.076 [07/04]	.084 [06/07]	.075

(Annual Means in parentheses are based on less than 75% available data)

*New York and Federal Ambient Air Quality Standard

[Date of Occurrence, Hour]

+ Denotes a contravention of NYS/Federal AAQS

NITROGEN DIOXIDE - Continuous Chemiluminescence

NYSDEC Region **2**

Annual Averages 2001 through 2011

Annual Arithmetic Mean (PPB) - Primary Standard
(12 month average not to exceed 53 PPB *)

Station	Site No.	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
PS 59	7093-10	37.68	38.03	(38.41)	(34.70)	36.49	34.22	34.20	(36.08)	xxx	xxx	xxx
Botanical Garden (Harding Lab/Pfizer Lab)	7094-06/ 7094-10	31.21	27.64	26.68	24.37	26.59	24.82	24.55	22.91	21.85	20.10	20.86
IS 52	7094-07	(31.51)	30.39	30.19	29.67	28.79	26.46	25.65	25.18	24.57	(24.94)	xxx
College Point P.O.	7096-09	30.06	27.67	29.75	28.22	27.30	xxx	xxx	xxx	xxx	xxx	xxx
Queens College 2	7096-15	(28.19)	27.83	26.72	24.74	24.52	23.46	22.94	22.51	20.91	19.28	(21.62)

Sampling was terminated at 7096-09 on 01/05/06 and at 7093-10 on 06/30/08. Sampling was suspended at 7094-07 on 06/24/10 due to building construction

Comparison Between NYS Ambient Air Quality and Ambient Air Quality Standards for Calendar Year 2011

		One-Hour Averages - average of 98th percentile for last 3 years not to exceed 75 PPB *								
		Observations		**98th Percentile, PPB**				**Highest Values, PPB**		
Station	**Site No.**	**Total**	**% Avail**	**2009**	**2010**	**2011**	**3-yr avg**	**1st**	**2nd**	**3rd**
Botanical Gardens - Pfizer Lab	7094-10	8,708	99	66.0	70.0	60.7	65	69.3 [10/10, 18]	68.9 [02/17, 21]	68.3 [10/10, 19]
Queens College 2	7096-15	5,910	67	67.0	69.0	66.3	67	79.3 [02/24, 07]	77.5 [02/24, 06]	74.1 [02/24, 05]

(Annual Means in parentheses are based on less than 75% available data)
*New York and Federal Ambient Air Quality Standard

[Date of Occurrence, Hour]
+ Denotes a contravention of NYS/Federal AAQS

LEAD – TSP or PM_{10} Samplers

NYSDEC Region **2**

Annual Geometric Means (ug/m^3) 2001 through 2011

Station	Site No.	2001	2002	2003	2004	2005*	2006	2007	2008	2009	2010	2011
Morrisania (PM_{10})	7094-05	--	--	--	--	--	--	--	--	--	(0.005)	0.006
IS 52 (PM_{10})	7094-07	--	--	--	--	--	--	0.005	0.005	0.005	(0.005)	xx
JHS 126 (TSP)	7095-43	--	--	0.03	0.03	(0.03)	0.02	0.02	0.013	0.014	xx	xx
Susan Wagner (TSP)	7097-01	0.02	0.01	0.01	xx	xx	xx	xx	xx	xx	xx	xx

Lab results not received for 7097-01 for 2004 and 2005. Sampling terminated at 7097-01 on 12/31/2005 and terminated at 7095-43 on 12/31/09.
* Only 1st quarter data received from lab in 2005. Sampling was suspended at 7094-07 on 06/24/10 due to building construction and monitor moved to 7094-05.

Comparison Between NYS Ambient Air Quality and Ambient Air Quality Standards for Calendar Year 2011

		24-Hour Concentrations - ug/m3								THREE MONTH ROLLING AVERAGES Maximum not to exceed 0.15 ug/m^3, effective beginning 1/1/13 * (the old standard of 1.5 ug/m^3 will remain in force until that date)		
				Maximum		2nd Max.		3rd Max.		Highest Values, ug/m3		
Station	Site No.	Total Obs.	% Avail	Value	Date	Value	Date	Value	Date	2009	2010	2011
Morrisania (PM_{10})	7094-05	58	95	.045	09/30	.016	12/23	.013	05/27	--	0.008	0.008
IS 52 (PM_{10})	7094-07	xx	xx	xx	xx	xx	xx	xx	xx	0.006	(0.006)	xx

(Annual Means in parentheses are based on less than 75% available data)
*Federal Ambient Air Quality Standard

+ Denotes a contravention of Federal AAQS

SULFUR DIOXIDE - Continuous Pulsed Fluorescence

NYSDEC Region **3**

Annual Averages 2001 through 2011
Annual Arithmetic Mean (ppb) - Primary Standard
(12 month average not to exceed 30 PPB *)

Station	Site No.	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
Mt. Ninham	3951-01	2.59	2.16	2.41	2.22	2.18	1.67	1.53	1.33	1.14	0.80	0.86
Belleayre Mtn.	5565-03	1.85	1.64	1.68	1.27	1.38	1.25	1.19	0.90	0.71	0.50	0.52

Comparison Between NYS Ambient Air Quality and Ambient Air Quality Standards for Calendar Year 2011

		One Hour Averages average of 99th percentile for last 3 years not to exceed 75 PPB *						**3-Hour Block Averages** Maximum not to exceed 500 PPB more than once per calendar year *			**24 Hour Average** Maximum not to exceed 140 PPB more than once per calendar year *		
		Observations		**99th Percentile, PPB**				**Obs.**	**Highest Values, PPB**		**Obs.**	**Highest Values, PPB Midnight - Midnight**	
Station	**Site No.**	**Total Obs.**	**% Avail**	**2011**	**2010**	**2009**	**3-yr avg**	**Total**	**1st**	**2nd**	**Total**	**1st**	**2nd**
Mt. Ninham	3951-01	8,182	93	10.6	10.0	17.7	13	2,689	12.1 [01/15, 14]	11.7 [02/11, 11]	342	5.9 [02/11]	4.9 [02/04]
Belleayre Mtn.	5565-03	8,579	98	7.0	6.2	10.4	8	2,823	9.2 [02/11, 11]	8.7 [01/15, 14]	361	5.5 [02/11]	3.9 [01/04]

(Annual Means in parentheses are based on less than 75% available data)
*New York and Federal Ambient Air Quality Standard

[Date of Occurrence, Hour]
+ Denotes a contravention of NYS/Federal AAQS

INHALABLE PARTICULATES (<2.5 Microns) - Rupprecht & Patashnick Sampler

NYSDEC Region **3**

Comparison Between NYS Ambient Air Quality and Ambient Air Quality Standards for Calendar Year 2011

(Average of last 3 years' annual means not to exceed 15 $\mu g/m^3$ *;
and average of 98th percentile for last 3 years not to exceed 35 $\mu g/m^3$ *, *changed* from 65 $\mu g/m^3$ on 12/17/06)

Station	Site No.	Total Obs.	Maximum Values, $\mu g/m^3$			98th Percentile, $\mu g/m^3$				Quarterly Averages, 2011				Annual Mean, $\mu g/m^3$			
			1st	2nd	3rd	2011	2010	2009	3-yr avg	1st	2nd	3rd	4th	2011	2010	2009	3-yr avg
Newburgh (F)	3502-04	116	28.7 [08/19]	24.6 [01/15]	20.8 [02/17]	20.8	26.5	20.6	23	8.8	7.2	10.7	7.7	8.6	8.1	7.9	8.2
Newburgh (T)	3502-04	362	34.1 [01/01]	32.1 [07/21]	25.4 [09/04]	20.9	22.1	21.7	22	10.0	6.7	8.6	8.2	8.4	7.9	7.9	8.1
Rockland Co. (T)	4352-02	334	34.6 [01/01]	30.4 [07/21]	25.2 [06/09]	22.3	24.6	20.1	22	8.6	7.5	8.7	7.7	8.1	7.1	(5.8)	7.0
Mamaroneck (F)	5956-01	121	26.8 [02/17]	24.3 [06/08]	22.7 [07/20]	22.7	26.7	27.0	26	9.4	8.4	10.6	9.0	9.3	8.9	9.1	9.1
White Plains (T)	5902-04	336	31.6 [06/09]	30.6 [07/21]	29.3 [01/01]	24.5	22.4	21.6	23	9.3	8.0	9.3	9.2	9.0	7.4	7.2	7.9

(Annual Means in parentheses are based on less than 75% available data)
F = Federal Reference Method T = TEOM (Tapered Element Oscillating Microbalance) not for Standards determination

* Federal Ambient Air Quality Standard
+ Denotes a contravention of Federal AAQS

OZONE - Continuous UV Light Absorption

NYSDEC Region **3**

Annual Averages 2001 through 2011
Annual Arithmetic Mean (ppm)

Station	Site No.	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
Valley Central	3527-01	.030	.029	.029	.028	.031	.029	.030	.026	.025	.029	.025
Rockland County	4353-02	---	---	---	---	---	---	---	---	.025	.032	.029
White Plains	5902-04	.024	.024	.024	.019	.025	.025	.027	.024	.024	.025	.023

Sampling at 4353-02 commenced on 06/04/09

Comparison Between NYS Ambient Air Quality and Ambient Air Quality Standards for Calendar Year 2011

		One Hour Averages							**4th Highest Daily Maximum 8-Hour Average-** Not to exceed an avg of 0.075 ppm during the last 3 years, *changed* from 0.08 ppm on 5/27/08*			
		Observations			**Highest Values, PPM**							
Station	**Site No.**	**Total Obs.**	**% Avail**	**>.12 PPM**	**1st**	**2nd**	**3rd**	**4th**	**2009**	**2010**	**2011**	**Avg**
Valley Central	3527-01	8,436	96	0	.119 [07/20, 13]	.086 [05/27, 15]	.085 [07/21, 17]	.076 [07/21, 17]	.066 [05/20]	.075 [07/28]	.067 [05/26]	.069
Rockland County	4353-02	7,847	90	0	.092 [05/27, 15]	.086 [06/09, 15]	.085 [06/28, 15]	.085 [07/08, 13]	.065 [06/07]	.076 [07/12]	.074 [06/28]	.071
White Plains	5902-04	8,264	94	1	.139 + [06/09, 13]	.110 [07/21, 12]	.098 [07/07, 18]	.091 [06/01, 13]	.075 [08/15]	.075 [07/07]	.076 [07/11]	.075

(Annual Means in parentheses are based on less than 75% available data)
*Federal Ambient Air Quality Standard

[Date of Occurrence, Hour]
+ Denotes a contravention of Federal AAQS

OZONE - Continuous UV Light Absorption

NYSDEC Region **3**

Annual Averages 2001 through 2011
Annual Arithmetic Mean (ppm)

Station	Site No.	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
Millbrook	1328-01	.030	.029	.028	.025	.025	.024	.027	.027	.027	.029	.027
Mt. Ninham	3951-01	.033	0.35	.031	.028	.029	.028	.029	.027	.027	.031	.027
Belleayre Mtn.	5565-03	.035	.036	.036	.034	.035	.034	.034	.030	.032	.035	.033

Comparison Between NYS Ambient Air Quality and Ambient Air Quality Standards for Calendar Year 2011

		One Hour Averages							**4th Highest Daily Maximum 8-Hour Average-** Not to exceed an avg of 0.075 ppm during the last 3 years, *changed* from 0.08 ppm on 5/27/08*			
		Observations			**Highest Values, PPM**							
Station	**Site No.**	**Total Obs.**	**% Avail**	**>.12 PPM**	**1st**	**2nd**	**3rd**	**4th**	**2009**	**2010**	**2011**	**Avg**
Millbrook	1328-01	7,933	91	0	.123 [07/20, 15]	.087 [07/21, 17]	.083 [06/28, 18]	.081 [06/07, 17]	.068 [05/20]	.076 [08/04]	.072 [06/07]	.072
Mt. Ninham	3951-01	8,319	95	0	.090 [06/09, 14]	.087 [04/29, 14]	.087 [07/20, 13]	.079 [07/21, 12]	.070 [05/21]	.077 [06/19]	.068 [06/28]	.071
Belleayre Mtn.	5565-03	8,552	98	0	.091 [05/26, 16]	.084 [07/20, 21]	.081 [07/21, 19]	.079 [06/07, 13]	.067 [05/20]	.070 [04/02]	.071 [06/07]	.069

(Annual Means in parentheses are based on less than 75% available data)
*Federal Ambient Air Quality Standard

[Date of Occurrence, Hour]
+ Denotes a contravention of Federal AAQS

LEAD - High Volume Air Samplers (Glass Fiber Filters)

NYSDEC Region **3**

Annual Geometric Means (ug/m3) 2001 through 2011

Station	Site No.	2001	2002	2003	2004	2005*	2006	2007	2008	2009	2010	2011
Wallkill	3566-02	0.04	0.05	0.04	(0.05)	0.03	0.02	0.02	0.018	0.016	0.011	0.015
Wallkill	3566-09	0.06	0.07	0.07	(0.05)	0.05	0.02	0.02	0.038	0.027	0.026	0.027
Scotchtown	3566-11	0.03	0.03	0.03	(0.04)	0.01	0.01	0.01	0.005	0.006	0.003	0.004

* Only 1st quarter data received from lab in 2005.

Comparison Between NYS Ambient Air Quality and Ambient Air Quality Standards for Calendar Year 2011

		24-Hour Concentrations - ug/m3								THREE MONTH ROLLING AVERAGES Maximum not to exceed 0.15 ug/m^3, effective beginning 1/1/13 * (the old standard of 1.5 ug/m^3 will remain in force until that date)		
				Maximum		2nd Max.		3rd Max.		Highest Values, ug/m3		
Station	Site No.	Total Obs.	% Avail	Value	Date	Value	Date	Value	Date	2009	2010	2011
Wallkill	3566-02	59	97	.627	02/20	.437	03/10	.140	04/15	0.04	0.04	0.10
Wallkill	3566-09	58	95	11.073	02/20	.439	04/03	.382	06/02	0.08	0.08	1.03
Scotchtown	3566-11	56	92	.030	10/06	.016	05/03	.014	08/13	0.01	0.01	0.01

(Annual Means in parentheses are based on less than 75% available data)

* Federal Ambient Air Quality Standard

+ Denotes a contravention of Federal AAQS

SULFUR DIOXIDE - Continuous Pulsed Fluorescence

NYSDEC Region **4**

Annual Averages 2001 through 2011

Annual Arithmetic Mean (ppb) - Primary Standard

(12 month average not to exceed 30 PPB *)

Station	Site No.	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
Loudonville	0101-33	4.59	3.96	4.06	4.36	5.15	5.07	2.97	3.61	3.85	2.33	1.92
Schenectady	4601-05	3.94	3.51	3.30	3.82	5.16	5.35	2.33	3.42	2.63	1.92	(2.18)
Dyken Pond	4153-03	(1.74)	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx
Grafton State Park	4153-04	(2.31)	2.21	1.98	1.57	1.85	1.37	1.58	1.77	1.52	1.12	1.13

Sampling at 4601-05 was terminated on 06/30/11.

Comparison Between NYS Ambient Air Quality and Ambient Air Quality Standards for Calendar Year 2011

		One Hour Averages average of 99th percentile for last 3 years not to exceed 75 PPB *						**3-Hour Block Averages** Maximum not to exceed 500 PPB more than once per calendar year *			**24 Hour Average** Maximum not to exceed 140 PPB more than once per calendar year *		
		Observations		**99th Percentile, PPB**				**Obs.**	**Highest Values, PPB**		**Obs.**	**Highest Values, PPB Midnight - Midnight**	
Station	**Site No.**	**Total Obs.**	**% Avail**	**2011**	**2010**	**2009**	**3-yr avg**	**Total**	**1st**	**2nd**	**Total**	**1st**	**2nd**
Loudonville	0101-33	8,573	98	15.3	14.0	18.0	16	2,812	16.4 [02/05, 11]	14.5 [02/12, 11]	363	10.5 [02/12]	9.9 [02/05]
Schenectady	4601-05	4,249	98	(15.5)	16.0	23.0	18	1,399	12.8 [01/28, 17]	12.2 [03/18, 08]	178	6.6 [01/28]	6.5 [02/07]
Grafton State Park	4153-04	8,176	93	11.3	7.5	9.7	10	2,691	8.5 [02/11, 17]	8.4 [01/15, 17]	342	6.1 [01/25]	5.3 [02/11]

(Annual Means in parentheses are based on less than 75% available data)

*New York and Federal Ambient Air Quality Standard

[Date of Occurrence, Hour]

+ Denotes a contravention of NYS/Federal AAQS

INHALABLE PARTICULATES (<2.5 Microns) - Rupprecht & Patashnick Sampler

NYSDEC Region **4**

Comparison Between NYS Ambient Air Quality and Ambient Air Quality Standards for Calendar Year 2011

(Average of last 3 years' annual means not to exceed 15 μg/m3 *;
and average of 98th percentile for last 3 years not to exceed 35 μg/m3 *, *changed* from 65 μg/m3 on 12/17/06)

Station	Site No.	Total Obs.	Maximum Values, µg/m^3			98th Percentile, µg/m^3				Quarterly Averages, 2011				Annual Mean, µg/m^3			
			1st	2nd	3rd	2011	2010	2009	3-yr avg	1st	2nd	3rd	4th	2011	2010	2009	3-yr avg
Albany Co. HD (F)	0101-13	341	43.6 [01/26]	32.5 [01/01]	29.9 [01/25]	23.5	23.5	22.8	23	10.5	6.4	10.4	7.7	8.7	7.9	8.3	8.3
Albany Co. HD (T)	0101-13	352	31.2 [01/26]	29.9 [01/01]	27.7 [09/04]	20.2	24.3	20.9	22	10.7	6.0	8.0	8.2	8.2	8.1	8.2	8.2
Loudonville (F)	0101-33	92	19.5 [07/11]	18.1 [06/08]	18.0 [12/14]	18.1	27.5	18.8	22	7.9	5.7	8.8	6.2	7.1	7.9	7.0	7.4

(Annual Means in parentheses are based on less than 75% available data)

F = Federal Reference Method T = TEOM (Tapered Element Oscillating Microbalance) not for Standards determination

* Federal Ambient Air Quality Standard

+ Denotes a contravention of Federal AAQS

CARBON MONOXIDE - Continuous Non-Dispersive Infrared

NYSDEC Region **4**

Annual Averages 2001 through 2011
Annual Arithmetic Mean (ppm)

Station	**Site No.**	**2001**	**2002**	**2003**	**2004**	**2005**	**2006**	**2007**	**2008**	**2009**	**2010**	**2011**
Loudonville	0101-33	0.4	0.4	0.5	0.4	0.4	0.4	0.4	0.3	0.3	0.3	0.3
Schenectady	4601-05	0.5	0.5	0.5	0.4	0.4	0.5	0.5	0.3	0.3	0.4	xxx

Sampling at 4601-05 was terminated on 12/31/2010.

Comparison Between NYS Ambient Air Quality and Ambient Air Quality Standards for Calendar Year 2011

		One-Hour Average Maximum not to exceed 35 PPM more than once per calendar year *						**Running 8-Hour Average** (Non-Overlapping) Maximum not to exceed 9 PPM more than once per calendar year *					
		Observations			**Highest Values, PPM**			**Observations**		**Highest Values, PPM**			
Station	**Site No.**	**Total Obs.**	**% Avail**	**>35 PPM**	**1st**	**2nd**	**3rd**	**Total**	**>9 PPM**	**1st**	**2nd**	**3rd**	**Days> 9PPM**
Loudonville	0101-33	8,608	98	0	1.3 [01/04, 21]	1.2 [01/26, 02]	1.1 [01/04, 23]	8,563	0	1.0 [01/26, 06]	0.8 [01/05, 01]	0.7 [01/26, 16]	0

(Annual Means in parentheses are based on less than 75% available data)
*New York and Federal Ambient Air Quality Standard

[Date of Occurrence, Hour]
+ Denotes a contravention of NYS/Federal AAQS (Note: 9PPM standard is not exceeded unless 8-hour avg > 9.4 PPM)

OZONE - Continuous UV Light Absorption

NYSDEC Region **4**

Annual Averages 2001 through 2011

Annual Arithmetic Mean (ppm)

Station	**Site No.**	**2001**	**2002**	**2003**	**2004**	**2005**	**2006**	**2007**	**2008**	**2009**	**2010**	**2010**
Loudonville	0101-33	.026	.027	.025	.025	.027	.026	.028	0.026	0.027	0.030	0.027
Schenectady	4601-05	.024	.024	.023	.021	.023	.020	.022	0.021	0.023	0.025	(0.027)
Grafton Lake State Park	4153-04	--	.037	.037	.035	.037	.033	.034	0.034	0.033	0.036	0.032

Sampling at 4601-05 was terminated on 06/30/11.

Comparison Between NYS Ambient Air Quality and Ambient Air Quality Standards for Calendar Year 2011

		One Hour Averages							**4th Highest Daily Maximum 8-Hour Average-** Not to exceed an avg of 0.075 ppm during the last 3 years, *changed* from 0.08 ppm on 5/27/08*			
		Observations			**Highest Values, PPM**							
Station	**Site No.**	**Total Obs.**	**% Avail**	**>.12 PPM**	**1st**	**2nd**	**3rd**	**4th**	**2009**	**2010**	**2011**	**Avg**
Loudonville	0101-33	8,315	95	0	.105 [07/20, 18]	.078 [09/01, 13]	.077 [05/26, 15]	.074 [06/21, 13]	.064 [05/20]	.073 [09/01]	.065 [06/08]	.067
Schenectady	4601-05	4,275	97	0	.087 [05/26, 16]	.074 [06/08, 15]	.067 [05/28, 17]	.067 [06/07, 15]	.064 [05/20]	.073 [09/01]	.059 [06/01]	.065
Grafton Lake	4153-04	8,373	96	0	.104 [07/20, 18]	.070 [06/08, 11]	.069 [07/17, 13]	.067 [05/27, 17]	.068 [05/20]	.073 [07/04]	.061 [07/23]	.067

(Annual Means in parentheses are based on less than 75% available data)

*Federal Ambient Air Quality Standard

[Date of Occurrence, Hour]

+ Denotes a contravention of Federal AAQS

SULFUR DIOXIDE - Continuous Pulsed Fluorescence

NYSDEC Region **5**

Annual Averages 2001 through 2011

Annual Arithmetic Mean (ppb) - Primary Standard

(12 month average not to exceed 30 PPB *)

Station	Site No.	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
Whiteface Mtn. - Lodge	1567-04	1.40	1.30	0.98	0.83	1.05	0.98	0.91	0.82	0.64	0.72	0.73
Paul Smiths College	1655-01	–	–	–	0.92	1.21	0.89	0.96	0.75	0.60	0.57	0.67
Piseco Lake	2050-01	1.18	1.09	1.06	0.83	0.66	0.62	0.65	0.56	0.44	0.34	0.32

Comparison Between NYS Ambient Air Quality and Ambient Air Quality Standards for Calendar Year 2011

		One Hour Averages average of 99th percentile for last 3 years not to exceed 75 PPB *						**3-Hour Block Averages** Maximum not to exceed 500 PPB more than once per calendar year *			**24 Hour Average** Maximum not to exceed 140 PPB more than once per calendar year *		
		Observations		**99th Percentile, PPB**				**Obs.**	**Highest Values, PPB**		**Obs.**	**Highest Values, PPB Midnight - Midnight**	
Station	**Site No.**	**Total Obs.**	**% Avail**	**2011**	**2010**	**2009**	**3-yr avg**	**Total**	**1st**	**2nd**	**Total**	**1st**	**2nd**
Whiteface Mtn. - Lodge	1567-04	8,563	98	5.4	4.7	6.7	6	2,821	6.4 [02/24, 23]	4.9 [01/25, 11]	359	3.0 [02/11]	2.9 [01/25]
Paul Smiths College	1655-01	7,927	90	4.5	3.2	6.7	5	2,609	5.3 [02/12, 08]	4.9 [02/12, 05]	333	2.9 [02/12]	2.6 [02/11]
Piseco Lake	2050-01	8,521	97	5.3	4.1	8.6	6	2,801	6.0 [11/02, 11]	5.7 [02/12, 11]	358	2.7 [02/11]	2.3 [01/25]

(Annual Means in parentheses are based on less than 75% available data)

*New York and Federal Ambient Air Quality Standard

[Date of Occurrence, Hour]

+ Denotes a contravention of NYS/Federal AAQS

INHALABLE PARTICULATES (<2.5 Microns) - Rupprecht & Patashnick Sampler

NYSDEC Region **5**
(Manhattan Sites)

Comparison Between NYS Ambient Air Quality and Ambient Air Quality Standards for Calendar Year 2011
(Average of last 3 years' annual means not to exceed 15 µg/m^3 *;
and average of 98th percentile for last 3 years not to exceed 35 µg/m^3 *, *changed* from 65 µg/m^3 on 12/17/06)

Station	Site No.	Total Obs.	Maximum Values, µg/m^3			98th Percentile, µg/m^3				Quarterly Averages, 2011				Annual Mean, µg/m^3			
			1st	2nd	3rd	2011	2010	2009	3-yr avg	1st	2nd	3rd	4th	2011	2010	2009	3-yr avg
Whiteface Base (F)	1567-04	55	14.8 [07/20]	14.4 [06/08]	14.0 [08/19]	14.4	15.7	10.9	14	3.7	3.8	6.8	2.7	4.2	4.3	4.6	4.4
Whiteface Base (T)	1567-04	352	25.5 [09/03]	24.3 [07/20]	19.5 [07/21]	14.0	17.4	15.2	16	6.2	3.5	5.1	4.5	4.8	4.9	4.9	4.9

(Annual Means in parentheses are based on less than 75% available data)
F = Federal Reference Method T = TEOM (Tapered Element Oscillating Microbalance) not for Standards determination

* Federal Ambient Air Quality Standard
+ Denotes a contravention of Federal AAQS

OZONE - Continuous UV Light Absorption

NYSDEC Region **5**

Annual Averages 2001 through 2011

Annual Arithmetic Mean (ppm)

Station	**Site No.**	**2001**	**2002**	**2003**	**2004**	**2005**	**2006**	**2007**	**2008**	**2009**	**2010**	**2011**
Stillwater	4567-01	.032	.032	.035	.032	.033	.029	.032	.030	.030	.032	.029
Whiteface Mtn. Summit	1567-03	.041	(.041)	.046	(.046)	(.041)	.040	.043	.038	.038	.039	.034
Whiteface Mtn. Base	1567-04	.036	.039	.038	.036	.036	.035	.035	.034	.033	.036	.034
Piseco Lake	2050-01	.031	.031	.031	.031	.029	.030	.030	.029	.029	.031	.028

Comparison Between NYS Ambient Air Quality and Ambient Air Quality Standards for Calendar Year 2011

		One Hour Averages							**4th Highest Daily Maximum 8-Hour Average-** Not to exceed an avg of 0.075 ppm during the last 3 years, *changed* from 0.08 ppm on 5/27/08*			
		Observations			**Highest Values, PPM**							
Station	**Site No.**	**Total Obs.**	**% Avail**	**>.12 PPM**	**1st**	**2nd**	**3rd**	**4th**	**2009**	**2010**	**2011**	**Avg**
Stillwater	4567-01	8,645	99	0	.084 [07/20, 21]	.079 [05/31, 18]	.079 [06/08, 17]	.076 [05/26, 17]	.068 [05/22]	.071 [06/19]	.066 [06/07]	.068
Whiteface Mtn. Summit	1567-03	8,043	92	0	.072 [06/08, 21]	.071 [10/09, 20]	.070 [07/17, 06]	.068 [10/10, 01]	.069 [08/17]	.073 [07/06]	.064 [10/10]	.068
Whiteface Mtn. Base	1567-04	8,555	98	0	.077 [06/08, 21]	.075 [07/21, 20]	.070 [07/11, 16]	.069 [07/17, 20]	.066 [05/20]	.072 [04/02]	.064 [07/21]	.067
Piseco Lake	2050-01	8,380	96	0	.078 [06/08, 17]	.076 [07/11, 13]	.069 [06/09, 11]	.068 [06/07, 16]	.068 [04/27]	.068 [07/04]	.064 [06/01]	.066

(Annual Means in parentheses are based on less than 75% available data)

*Federal Ambient Air Quality Standard

[Date of Occurrence, Hour]

+ Denotes a contravention of Federal AAQS

SULFUR DIOXIDE - Continuous Pulsed Fluorescence

NYSDEC Region **6**

Annual Averages 2001 through 2011
Annual Arithmetic Mean (ppb) - Primary Standard
(12 month average not to exceed 30 PPB *)

Station	Site No.	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
Nick's Lake	2167-03	0.99	1.01	0.96	0.89	0.90	0.89	0.90	0.63	0.52	0.54	0.48

Comparison Between NYS Ambient Air Quality and Ambient Air Quality Standards for Calendar Year 2011

		One Hour Averages average of 99th percentile for last 3 years not to exceed 75 PPB *						**3-Hour Block Averages** Maximum not to exceed 500 PPB more than once per calendar year *			**24 Hour Average** Maximum not to exceed 140 PPB more than once per calendar year *		
		Observations		**99th Percentile, PPB**				**Obs.**	**Highest Values, PPB**		**Obs.**	**Highest Values, PPB Midnight - Midnight**	
Station	**Site No.**	**Total Obs.**	**% Avail**	**2011**	**2010**	**2009**	**3-yr avg**	**Total**	**1st**	**2nd**	**Total**	**1st**	**2nd**
Nick's Lake	2167-03	8,540	97	5.3	4.2	8.4	6	2,812	6.1 [01/15, 14]	6.1 [02/12, 08]	355	3.4 [02/12]	3.2 [01/25]

(Annual Means in parentheses are based on less than 75% available data)
*New York and Federal Ambient Air Quality Standard

[Date of Occurrence, Hour]
+ Denotes a contravention of NYS/Federal AAQS

INHALABLE PARTICULATES (<2.5 Microns) - Rupprecht & Patashnick Sampler

NYSDEC Region **6**

Comparison Between NYS Ambient Air Quality and Ambient Air Quality Standards for Calendar Year 2011

(Average of last 3 years' annual means not to exceed 15 µg/m^3 *;
and average of 98th percentile for last 3 years not to exceed 35 µg/m^3 *, *changed* from 65 µg/m^3 on 12/17/06)

Station	Site No.	Total Obs.	Maximum Values, µg/m^3			98th Percentile, µg/m^3				Quarterly Averages, 2011				Annual Mean, µg/m^3			
			1st	2nd	3rd	2011	2010	2009	3-yr avg	1st	2nd	3rd	4th	2011	2010	2009	3-yr avg
Utica (T)	3202-01	357	28.1 [09/03]	26.0 [02/07]	25.7 [01/26]	22.2	23.8	24.7	24	10.8	5.5	6.3	8.5	7.8	8.1	8.2	8.0
Potsdam (F)	4477-01	xx	xx	xx	xx	xx	xx	27.4	xx	xx	xx	xx	xx	xx	xx	(6.0)	xxx

(Annual Means in parentheses are based on less than 75% available data)
F = Federal Reference Method T = TEOM (Tapered Element Oscillating Microbalance) not for Standards determination

* Federal Ambient Air Quality Standard
+ Denotes a contravention of Federal AAQS

OZONE - Continuous UV Light Absorption

NYSDEC Region **6**

Annual Averages 2001 through 2011
Annual Arithmetic Mean (ppm)

Station	Site No.	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
Nick's Lake	2167-03	.029	.029	.029	.028	.029	.027	.029	.028	.029	.030	.028
Perch River	2223-01	.041	.040	.036	.032	.034	.030	.032	.030	.030	.032	.029
Camden	3255-01	.026	.029	.027	.025	.024	.024	.026	.025	.021	.023	.022

Comparison Between NYS Ambient Air Quality and Ambient Air Quality Standards for Calendar Year 2011

		One Hour Averages							**4th Highest Daily Maximum 8-Hour Average-** Not to exceed an avg of 0.075 ppm during the last 3 years, *changed* from 0.08 ppm on 5/27/08*			
		Observations			**Highest Values, PPM**							
Station	**Site No.**	**Total Obs.**	**% Avail**	**>.12 PPM**	**1st**	**2nd**	**3rd**	**4th**	**2009**	**2010**	**2011**	**Avg**
Nick's Lake	2167-03	8,549	98	0	.084 [06/08, 16]	.077 [07/17, 17]	.075 [07/11, 13]	.070 [06/09, 12]	.067 [06/06]	.065 [07/07]	.058 [04/12]	.063
Perch River	2223-01	8,509	97	0	.086 [07/21, 16]	.083 [07/17, 18]	.081 [06/08, 15]	.081 [07/11, 13]	.068 [08/17]	.077 [08/31]	.069 [06/08]	.071
Camden (Operated 01/01 – 12/11)	3255-01	7,636	92	0	.079 [06/08, 15]	.070 [07/11, 12]	.065 [06/07, 12]	.064 [07/06, 12]	.054 [05/20]	.063 [07/06]	.060 [07/21]	.059

(Annual Means in parentheses are based on less than 75% available data)
*Federal Ambient Air Quality Standard

[Date of Occurrence, Hour]
+ Denotes a contravention of Federal AAQS

SULFUR DIOXIDE - Continuous Pulsed Fluorescence

NYSDEC Region **7**

Annual Averages 2001 through 2011
Annual Arithmetic Mean (ppb) - Primary Standard
(12 month average not to exceed 30 PPB *)

Station	Site No.	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
Camp Georgetown	2655-01	2.46	2.18	248	2.30	2.39	2.06	1.85	1.79	1.17	1.09	0.52
East Syracuse	3353-09	2.97	2.82	3.32	2.62	2.35	2.23	2.11	2.06	1.23	0.92	0.88

Comparison Between NYS Ambient Air Quality and Ambient Air Quality Standards for Calendar Year 2011

		One Hour Averages average of 99th percentile for last 3 years not to exceed 75 PPB *						**3-Hour Block Averages** Maximum not to exceed 500 PPB more than once per calendar year *			**24 Hour Average** Maximum not to exceed 140 PPB more than once per calendar year *		
		Observations		**99th Percentile, PPB**				**Obs.**	**Highest Values, PPB**		**Obs.**	**Highest Values, PPB Midnight - Midnight**	
Station	**Site No.**	**Total Obs.**	**% Avail**	**2011**	**2010**	**2009**	**3-yr avg**	**Total**	**1st**	**2nd**	**Total**	**1st**	**2nd**
Camp Georgetown	2655-01	8,476	97	8.1	7.0	14.0	10	2,783	10.1 [02/05, 02]	8.1 [02/17, 11]	356	4.2 [01/25]	4.0 [02/05]
East Syracuse	3353-09	8,625	98	8.6	10.0	14.0	11	2,843	10.2 [12/13, 14]	8.3 [02/12, 08]	364	4.2 [02/12]	3.8 [12/13]

(Annual Means in parentheses are based on less than 75% available data)
*New York and Federal Ambient Air Quality Standard

[Date of Occurrence, Hour]
+ Denotes a contravention of NYS/Federal AAQS

INHALABLE PARTICULATES (<2.5 Microns) - Rupprecht & Patashnick Sampler

NYSDEC Region **7**

Comparison Between NYS Ambient Air Quality and Ambient Air Quality Standards for Calendar Year 2011
(Average of last 3 years' annual means not to exceed 15 $\mu g/m^3$ *;
and average of 98th percentile for last 3 years not to exceed 35 $\mu g/m^3$ *, *changed* from 65 $\mu g/m^3$ on 12/17/06)

Station	Site No.	Total Obs.	Maximum Values, $\mu g/m^3$			98th Percentile, $\mu g/m^3$				Quarterly Averages, 2011				Annual Mean, $\mu g/m^3$			
			1st	2nd	3rd	2011	2010	2009	3-yr avg	1st	2nd	3rd	4th	2011	2010	2009	3-yr avg
East Syracuse (F)	3353-09	111	30.0 [09/03]	24.3 [07/29]	24.1 [07/20]	24.1	22.5	21.2	23	8.9	6.3	10.4	6.6	8.1	7.6	7.6	7.8

(Annual Means in parentheses are based on less than 75% available data)
F = Federal Reference Method T = TEOM (Tapered Element Oscillating Microbalance) not for Standards determination

* Federal Ambient Air Quality Standard
+ Denotes a contravention of Federal AAQS

CARBON MONOXIDE - Continuous Non-Dispersive Infrared

NYSDEC Region **7**

Annual Averages 2001 through 2011
Annual Arithmetic Mean (ppm)

Station	Site No.	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
Syracuse	3301-22	0.5	0.5	0.6	0.5	0.5	0.5	0.5	0.4	0.4	0.5	0.3

Comparison Between NYS Ambient Air Quality and Ambient Air Quality Standards for Calendar Year 2011

		One-Hour Average Maximum not to exceed 35 PPM more than once per calendar year *						**Running 8-Hour Average** (Non-Overlapping) Maximum not to exceed 9 PPM more than once per calendar year *					
		Observations			**Highest Values, PPM**			**Observations**		**Highest Values, PPM**			
Station	**Site No.**	**Total Obs.**	**% Avail**	**>35 PPM**	**1st**	**2nd**	**3rd**	**Total**	**>9 PPM**	**1st**	**2nd**	**3rd**	**Days> 9PPM**
Syracuse	3301-22	8,287	95	0	2.2 [02/17, 15]	2.0 [02/16, 19]	2.0 [02/16, 20]	8,318	0	1.4 [02/17, 00]	1.4 [02/17, 16]	1.2 [02/05, 00]	0

(Annual Means in parentheses are based on less than 75% available data)
*New York and Federal Ambient Air Quality Standard

[Date of Occurrence, Hour]
+ Denotes a contravention of NYS/Federal AAQS (Note: 9PPM standard is not exceeded unless 8-hour avg > 9.4 PPM)

OZONE - Continuous UV Light Absorption

NYSDEC Region **7**

Annual Averages 2001 through 2011

Annual Arithmetic Mean (ppm)

Station	**Site No.**	**2001**	**2002**	**2003**	**2004**	**2005**	**2006**	**2007**	**2008**	**2009**	**2010**	**2011**
Camp Georgetown	2655-01	.033	.034	.033	.030	.033	.031	.033	.030	.030	.032	.030
East Syracuse	3353-09	.027	.028	.025	.023	.028	.026	.028	.027	.025	.027	.026
Fulton/Granby	3754-01	---	---	.035	.031	.034	.031	.031	.029	.029	.031	.028

Comparison Between NYS Ambient Air Quality and Ambient Air Quality Standards for Calendar Year 2011

		One Hour Averages							**4th Highest Daily Maximum 8-Hour Average-** Not to exceed an avg of 0.075 ppm during the last 3 years, *changed* from 0.08 ppm on 5/27/08*			
		Observations			**Highest Values, PPM**							
Station	**Site No.**	**Total Obs.**	**% Avail**	**>.12 PPM**	**1st**	**2nd**	**3rd**	**4th**	**2009**	**2010**	**2011**	**Avg**
Camp Georgetown	2655-01	8,487	97	0	.074 [06/08, 15]	.072 [09/01, 16]	.069 [07/17, 14]	.069 [07/21, 11]	.066 [05/20]	.071 [07/04]	.064 [07/23]	.067
East Syracuse	3353-09	8,542	98	0	.083 [06/08, 15]	.079 [07/17, 19]	.074 [06/07, 13]	.073 [07/21, 23]	.061 [05/22]	.073 [07/04]	.069 [07/23]	.067
Fulton/Granby (Operated 01/26 - 12/31)	3754-01	7,925	97	0	.089 [06/08, 14]	.086 [07/17, 17]	.076 [07/21, 22]	.074 [07/06, 12]	.065 [04/27]	.071 [04/03]	.067 [07/21]	.067

(Annual Means in parentheses are based on less than 75% available data)

*Federal Ambient Air Quality Standard

[Date of Occurrence, Hour]

+ Denotes a contravention of Federal AAQS

SULFUR DIOXIDE - Continuous Pulsed Fluorescence

NYSDEC Region **8**

Annual Averages 2001 through 2011

Annual Arithmetic Mean (ppb) - Primary Standard
(12 month average not to exceed 30 PPB *)

Station	**Site No.**	**2001**	**2002**	**2003**	**2004**	**2005**	**2006**	**2007**	**2008**	**2009**	**2010**	**2011**
Elmira	0701-05	3.70	3.66	4.06	3.31	3.18	3.12	3.29	2.80	2.01	2.08	1.65
Rochester	2701-08	7.57	5.22	5.43	(6.47)	xx	xx	xx	xx	xx	xx	xx
Rochester	2701-01	5.96	5.16	5.42	(6.17)	xx	xx	xx	xx	xx	xx	xx
Rochester	2701-22	--	--	--	(4.50)	4.20	4.18	4.06	2.91	2.54	2.19	(1.15)
Pinnacle	5001-04	--	--	--	--	--	--	1.73	1.67	1.04	0.63	0.71

Comparison Between NYS Ambient Air Quality and Ambient Air Quality Standards for Calendar Year 2011

		One Hour Averages average of 99th percentile for last 3 years not to exceed 75 PPB *						**3-Hour Block Averages** Maximum not to exceed 500 PPB more than once per calendar year *			**24 Hour Average** Maximum not to exceed 140 PPB more than once per calendar year *		
		Observations		**99th Percentile, PPB**				**Obs.**	**Highest Values, PPB**		**Obs.**	**Highest Values, PPB Midnight - Midnight**	
Station	**Site No.**	**Total Obs.**	**% Avail**	**2011**	**2010**	**2009**	**3-yr avg**	**Total**	**1st**	**2nd**	**Total**	**1st**	**2nd**
Elmira	0701-05	8,322	95	11.0	11.0	16.0	13	2,746	11.8 [02/12, 05]	10.9 [02/12, 02]	349	7.1 [12/19]	6.5 [12/09]
Rochester	2701-22	6,723	76	22.0	25.0	24.0	24	2,125	17.0 [07/12, 23]	15.6 [11/30, 20]	263	5.5 [12/12]	4.4 [04/24]
Pinnacle	5001-04	8,168	93	14.8	13.7	19.4	16	2,592	16.1 [02/05, 02]	15.3 [02/05, 05]	345	7.4 [02/11]	6.8 [02/05]

(Annual Means in parentheses are based on less than 75% available data)
*New York and Federal Ambient Air Quality Standard

[Date of Occurrence, Hour]
+ Denotes a contravention of NYS/Federal AAQS

INHALABLE PARTICULATES (PM10) - Wedding Sampler or R&P Model 2025Sampler

NYSDEC Region **8**

Annual Averages 2001 through 2011

Annual Arithmetic Mean (ug/m3)

Station	Site No.	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	3 Yr Exp Val
Rochester (R&P)	2701-22	--	--	--	--	--	--	15	13	13	13	11	12

Comparison Between NYS Ambient Air Quality and Ambient Air Quality Standards for Calendar Year 2011

		24-Hour Concentrations - ug/m3							# of Days > 150 ug/m3 - Not to exceed an expected avg of one per year during the last 3 years *						
			Maximum		2nd Max.		3rd Max.		2009		2010		2011		
Station	Site No.	Total Obs.	Value	Date	Value	Date	Value	Date	Mea	Est	Mea	Est	Mea	Est	Exp Avg
Rochester (R&P)	2701-22	54	43	06/08	26	08/19	26	07/20	0	0.0	0	0.0	0	0.0	0.0

(Annual Means in parentheses are based on less than 75% available data)

*New York and Federal Ambient Air Quality Standard

[Date of Occurrence, Hour]

+ Denotes a contravention of NYS/Federal AAQS

INHALABLE PARTICULATES (<2.5 Microns) - Rupprecht & Patashnick Sampler

NYSDEC Region **8**

Comparison Between NYS Ambient Air Quality and Ambient Air Quality Standards for Calendar Year 2011

(Average of last 3 years' annual means not to exceed 15 $\mu g/m^3$ *;
and average of 98th percentile for last 3 years not to exceed 35 $\mu g/m^3$ *, *changed* from 65 $\mu g/m^3$ on 12/17/06)

Station	Site No.	Total Obs.	Maximum Values, $\mu g/m^3$			98th Percentile, $\mu g/m^3$				Quarterly Averages, 2011				Annual Mean, $\mu g/m^3$			
			1st	2nd	3rd	2011	2010	2009	3-yr avg	1st	2nd	3rd	4th	2011	2010	2009	3-yr avg
Rochester 2 (F)	2701-22	91	29.8 [09/03]	25.3 [06/08]	23.0 [12/14]	25.3	23.4	22.2	24	9.2	(10.0)	10.2	7.4	9.2	8.4	7.6	8.4
Rochester 2 (T)	2701-22	268	24.6 [09/03]	23.0 [09/02]	21.3 [02/17]	17.1	23.2	18.3	20	8.0	5.5	7.2	6.5	6.8	7.3	6.9	7.0
Pinnacle (F)	5001-04	104	23.8 [09/03]	20.4 [07/11]	20.4 [08/07]	20.4	21.4	17.5	20	6.5	6.1	9.9	5.5	7.0	7.3	6.9	7.1

(Annual Means in parentheses are based on less than 75% available data)
F = Federal Reference Method T = TEOM (Tapered Element Oscillating Microbalance) not for Standards determination

* Federal Ambient Air Quality Standard
+ Denotes a contravention of Federal AAQS

CARBON MONOXIDE - Continuous Non-Dispersive Infrared

NYSDEC Region **8**

Annual Averages 2001 through 2011
Annual Arithmetic Mean (ppm)

Station	**Site No.**	**2001**	**2002**	**2003**	**2004**	**2005**	**2006**	**2007**	**2008**	**2009**	**2010**	**2011**
Rochester	2701-08	0.4	0.4	0.5	(0.5)	xx	xx	xx	xx	xx	xx	xx
Rochester Downtown	2701-01	0.5	0.5	0.5	(0.5)	xx	xx	xx	xx	xx	xx	xx
Rochester 2	2701-22	--	--	--	(0.5)	0.5	0.5	0.4	0.3	0.4	0.4	(0.2)
Pinnacle	5001-04	--	--	--	--	--	--	--	--	--	0.16	0.16

Comparison Between NYS Ambient Air Quality and Ambient Air Quality Standards for Calendar Year 2011

		One-Hour Average Maximum not to exceed 35 PPM more than once per calendar year *						**Running 8-Hour Average** (Non-Overlapping) Maximum not to exceed 9 PPM more than once per calendar year *					
		Observations			**Highest Values, PPM**			**Observations**		**Highest Values, PPM**			
Station	**Site No.**	**Total Obs.**	**% Avail**	**>35 PPM**	**1st**	**2nd**	**3rd**	**Total**	**>9 PPM**	**1st**	**2nd**	**3rd**	**Days> 9PPM**
Rochester 2	2701-22	6,183	71	0	1.2 [12/12, 21]	1.2 [12/12, 20]	1.1 [02/16, 21]	5,878	0	1.0 [02/17, 01]	0.9 [12/12, 23]	0.7 [02/05, 01]	0
Pinnacle	5001-04	8,044	92	0	.35 [01/26, 07]	.33 [02/25, 07]	.33 [01/26, 04]	8,173	0	.31 [02/01, 15]	.30 [02/25, 08]	.30 [01/26, 10]	0

(Annual Means in parentheses are based on less than 75% available data)
*New York and Federal Ambient Air Quality Standard

[Date of Occurrence, Hour]
+ Denotes a contravention of NYS/Federal AAQS (Note: 9PPM standard is not exceeded unless 8-hour avg > 9.4 PPM)

OZONE - Continuous UV Light Absorption

NYSDEC Region **8**

Annual Averages 2001 through 2011

Annual Arithmetic Mean (ppm)

Station	**Site No.**	**2001**	**2002**	**2003**	**2004**	**2005**	**2006**	**2007**	**2008**	**2009**	**2010**	**2011**
Elmira	0701-05	.026	.027	.024	.024	.025	.024	.027	.024	.025	.027	.027
Rochester	2701-08	.026	.028	.025	(.025)	xxx	xxx	xxx	xxx	xxx	xxx	xxx
Rochester 2	2701-22	–	–	--	(.019)	.023	.024	.026	.026	.024	.028	.026
Pinnacle	5001-04	–	–	--	–	--	.034	.036	.032	.030	(.035)	.034
Williamson	5863-01	.029	.032	.032	.029	.029	.029	.033	.031	.031	.032	.023

Comparison Between NYS Ambient Air Quality and Ambient Air Quality Standards for Calendar Year 2011

		One Hour Averages							**4th Highest Daily Maximum 8-Hour Average-** Not to exceed an avg of 0.075 ppm during the last 3 years, *changed* from 0.08 ppm on 5/27/08*			
		Observations			**Highest Values, PPM**							
Station	**Site No.**	**Total Obs.**	**% Avail**	**>.12 PPM**	**1st**	**2nd**	**3rd**	**4th**	**2009**	**2010**	**2011**	**Avg**
Elmira	0701-05	8,318	95	0	.074 [06/08, 15]	.071 [07/11, 15]	.071 [07/17, 13]	.069 [06/07, 12]	.066 [04/27]	.067 [09/24]	.065 [06/09]	.066
Rochester 2	2701-22	6,658	76	0	.081 [07/17, 14]	.076 [07/02, 14]	.073 [07/23, 14]	.072 [07/18, 15]	.059 [04/27]	.072 [04/02]	.066 [06/07]	.065
Pinnacle	5001-04	8,210	94	0	.074 [05/26, 15]	.074 [07/02, 15]	.074 [07/11, 18]	.072 [05/12, 15]	.062 [05/20]	.068 [09/02]	.067 [06/01]	.065
Williamson (Operated 03/30 - 11/10)	5863-01	5,139	95	0	.081 [07/17, 15]	.068 [07/18, 15]	.067 [07/21, 20]	.066 [07/23, 14]	.061 [06/25]	.071 [07/06]	.058 [06/08]	.063

(Annual Means in parentheses are based on less than 75% available data)

*Federal Ambient Air Quality Standard

[Date of Occurrence, Hour]

+ Denotes a contravention of Federal AAQS

NITROGEN DIOXIDE - Continuous Chemiluminescence

NYSDEC Region **8**

Annual Averages 2001 through 2011

Annual Arithmetic Mean (ppb) - Primary Standard (12 month average not to exceed 53 PPB *)

Station	**Site No.**	**2001**	**2002**	**2003**	**2004**	**2005**	**2006**	**2007**	**2008**	**2009**	**2010**	**2011**
Rochester	2701-22	---	---	---	---	---	---	---	---	---	---	(8.41)
Pinnacle	5001-04	---	---	---	---	---	---	---	---	2.22	1.33	2.22

Comparison Between NYS Ambient Air Quality and Ambient Air Quality Standards for Calendar Year 2011

		One-Hour Averages - average of 98th percentile for last 3 years not to exceed 75 PPB *								
		Observations		**98th Percentile, PPB**				**Highest Values, PPB**		
Station	**Site No.**	**Total**	**% Avail**	**2009**	**2010**	**2011**	**3-yr avg**	**1st**	**2nd**	**3rd**
Rochester	2701-22	6,435	73	---	---	40.6	---	58.0 [02/04, 21]	52.9 [02/04, 22]	52.8 [02/17, 18]
Pinnacle	5001-04	7,527	86	14.1	13.7	14.3	14	21.8 [01/26, 07]	19.4 [04/22, 05]	18.8 [02/01, 09]

(Annual Means in parentheses are based on less than 75% available data)

*Federal Ambient Air Quality Standard

+ Denotes a contravention of Federal AAQS

LEAD –PM_{10} Samplers

NYSDEC Region **8**

Annual Geometric Means (ug/m^3) 2001 through 2011

Station	**Site No.**	**2001**	**2002**	**2003**	**2004**	**2005**	**2006**	**2007**	**2008**	**2009**	**2010**	**2011**
Rochester (PM_{10})	2701-22	--	--	--	--	--	--	.002	.003	.002	.002	.002

Comparison Between NYS Ambient Air Quality and Ambient Air Quality Standards for Calendar Year 2011

		24-Hour Concentrations - ug/m^3								**THREE MONTH ROLLING AVERAGES** Maximum not to exceed 0.15 ug/m^3, effective beginning 1/1/13 * (the old standard of 1.5 ug/m^3 will remain in force until that date)		
				Maximum		**2nd Max.**		**3rd Max.**		**Highest Values, ug/m^3**		
Station	**Site No.**	**Total Obs.**	**% Avail**	**Value**	**Date**	**Value**	**Date**	**Value**	**Date**	**2009**	**2010**	**2011**
Rochester (PM_{10})	2701-22	54	89	.006	09/18	.005	10/12	.004	06/08	0.002	0.003	0.002

(Annual Means in parentheses are based on less than 75% available data)

*Federal Ambient Air Quality Standard

+ Denotes a contravention of Federal AAQS

SULFUR DIOXIDE - Continuous Pulsed Fluorescence

NYSDEC Region **9**

Annual Averages 2001 through 2011

Annual Arithmetic Mean (ppb) - Primary Standard

(12 month average not to exceed 30 PPB *)

Station	Site No.	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
Buffalo	1401-18	7.16	5.78	5.47	3.35	3.73	2.78	2.70	2.34	1.74	1.50	2.01
Tonawanda	1472-04	9.68	10.79	8.89	7.87	5.83	3.93	4.29	xxx	xxx	xxx	xxx
Brookside Terrace	1472-14	--	--	--	--	--	--	(2.80)	2.83	2.10	1.83	3.43
Niagara Falls	3102-25	3.52	3.68	3.56	2.73	2.63	2.48	2.79	2.13	1.58	1.53	2.74

Comparison Between NYS Ambient Air Quality and Ambient Air Quality Standards for Calendar Year 2011

		One Hour Averages average of 99th percentile for last 3 years not to exceed 75 PPB *						**3-Hour Block Averages** Maximum not to exceed 500 PPB more than once per calendar year *			**24 Hour Average** Maximum not to exceed 140 PPB more than once per calendar year *		
		Observations		**99th Percentile, PPB**				**Obs.**	**Highest Values, PPB**		**Obs.**	**Highest Values, PPB Midnight - Midnight**	
Station	**Site No.**	**Total Obs.**	**% Avail**	**2011**	**2010**	**2009**	**3-yr avg**	**Total**	**1st**	**2nd**	**Total**	**1st**	**2nd**
Buffalo	1401-18	8,149	93	22.4	15.0	20.0	19	2,678	21.2 [02/16, 14]	18.2 [02/16, 23]	339	9.1 [02/16]	7.8 [02/11]
Brookside Terrace	1472-14	8,381	96	28.9	30.6	36.6	32	2,763	42.2 [10/07, 14]	29.8 [02/13, 11]	347	10.5 [10/07]	9.6 [07/17]
Niagara Falls	3102-25	8,656	99	12.3	16.3	21.3	17	2,850	12.1 [02/05, 11]	11.9 [12/13, 11]	363	8.1 [12/13]	7.4 [02/05]

(Annual Means in parentheses are based on less than 75% available data)

*New York and Federal Ambient Air Quality Standard

[Date of Occurrence, Hour]

+ Denotes a contravention of NYS/Federal AAQS

SULFUR DIOXIDE - Continuous Pulsed Fluorescence

NYSDEC Region **9**

Annual Averages 2001 through 2011
Annual Arithmetic Mean (ppb) - Primary Standard
(12 month average not to exceed 30 PPB *)

Station	Site No.	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
Westfield	0675-01	4.76	4.11	4.26	3.49	3.49	2.70	2.74	2.51	1.73	1.32	1.22
Dunkirk	0601-04	8.37	7.46	6.69	5.31	4.32	3.13	3.27	2.67	2.55	1.54	1.72

Comparison Between NYS Ambient Air Quality and Ambient Air Quality Standards for Calendar Year 2011

		One Hour Averages average of 99th percentile for last 3 years not to exceed 75 PPB *						**3-Hour Block Averages** Maximum not to exceed 500 PPB more than once per calendar year *			**24 Hour Average** Maximum not to exceed 140 PPB more than once per calendar year *		
		Observations		**99th Percentile, PPB**				**Obs.**	**Highest Values, PPB**		**Obs.**	**Highest Values, PPB Midnight - Midnight**	
Station	**Site No.**	**Total Obs.**	**% Avail**	**2011**	**2010**	**2009**	**3-yr avg**	**Total**	**1st**	**2nd**	**Total**	**1st**	**2nd**
Westfield	0675-01	8,659	99	17.1	15.4	24.3	19	2,849	17.4 [10/08, 05]	16.4 [02/05, 11]	365	10.9 [02/05]	8.9 [12/12]
Dunkirk	0601-04	8,660	99	25.8	30.0	46.2	34	2,847	37.1 [02/02, 17]	26.6 [02/18, 23]	365	10.1 [02/05]	9.1 [02/02]

(Annual Means in parentheses are based on less than 75% available data)
*New York and Federal Ambient Air Quality Standard

[Date of Occurrence, Hour]
+ Denotes a contravention of NYS/Federal AAQS

INHALABLE PARTICULATES (PM10) - Wedding Sampler or R&P Model 2025Sampler

NYSDEC Region **9**

Annual Averages 2001 through 2011

Annual Arithmetic Mean (ug/m3)

Station	Site No.	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	3 Yr Exp Val
Niagara Falls (W)	3102-25	18	17	17	17	xx	xx	xx	xx	xx	xx	xx	xx
Niagara Falls (R&P)	3102-25	--	--	--	20	24	21	21	22	17	15	(14)	15
Westfield (W)	0675-01	14	12	12	11	xx	xx	xx	xx	xx	xx	xx	xx

Comparison Between NYS Ambient Air Quality and Ambient Air Quality Standards for Calendar Year 2011

		24-Hour Concentrations - ug/m3							# of Days > 150 ug/m3 - Not to exceed an expected avg of one per year during the last 3 years *						
			Maximum		2nd Max.		3rd Max.		2009		2010		2011		
Station	Site No.	Total Obs.	Value	Date	Value	Date	Value	Date	Mea	Est	Mea	Est	Mea	Est	Exp Avg
Niagara Falls (R&P)	3102-25	84	34	07/11	32	07/23	31	07/17	0	0.0	0	0.0	0	0.0	0.0

(Annual Means in parentheses are based on less than 75% available data) Mea=Measured Est=Estimated

* Federal Ambient Air Quality Standard W=Wedding Sampler R&P=R&P Model 2025 Sampler + Denotes a contravention of Federal AAQS

INHALABLE PARTICULATES (<2.5 Microns) - Rupprecht & Patashnick Sampler

NYSDEC Region **9**

Comparison Between NYS Ambient Air Quality and Ambient Air Quality Standards for Calendar Year 2011

(Average of last 3 years' annual means not to exceed 15 $\mu g/m^3$ *;
and average of 98th percentile for last 3 years not to exceed 35 $\mu g/m^3$ *, *changed* from 65 $\mu g/m^3$ on 12/17/06)

Station	Site No.	Total Obs.	Maximum Values, $\mu g/m^3$			98th Percentile, $\mu g/m^3$				Quarterly Averages, 2011				Annual Mean, $\mu g/m^3$			
			1st	2nd	3rd	2011	2010	2009	3-yr avg	1st	2nd	3rd	4th	2011	2010	2009	3-yr avg
Buffalo (F)	1401-18	329	29.3 [06/08]	26.4 [07/18]	25.9 [02/24]	24.6	27.9	24.3	26	10.2	9.2	10.9	8.0	9.6	10.0	9.6	9.7
Buffalo (T)	1401-18	353	30.1 [06/08]	26.0 [09/03]	25.8 [07/18]	22.0	28.6	21.1	24	7.7	8.0	10.5	9.4	8.9	10.1	9.8	9.6
Lackawanna (F)	1402-14	xx	xx	xx	xx	xx	30.2	23.9	xx	xx	xx	xx	xx	xx	10.2	9.5	xx
Grand Island Blvd (T)	1472-13	288	28.8 [06/08]	27.8 [07/18]	26.7 [07/21]	24.8	30.9	23.5	26	10.4	8.3	11.0	9.7	9.9	11.4	10.3	10.5
Brookside Terrace (T)	1472-14	264	30.9 [06/08]	28.6 [07/18]	26.9 [05/31]	23.5	29.6	20.7	25	6.8	8.4	11.3	10.2	9.2	9.4	8.8	9.1
Niagara Falls (F)	3102-25	72	23.0 [09/03]	19.9 [07/11]	19.7 [07/17]	19.9	24.8	21.7	22	8.0	---	9.9	6.2	8.1	8.3	8.7	8.4
Niagara Falls (T)	3102-25	350	35.2 [09/03]	32.0 [07/18]	30.6 [06/08]	26.8	25.5	19.9	24	8.8	8.7	12.2	10.5	10.1	9.3	9.2	9.5
Westfield (F)	0675-01	115	29.5 [09/03]	23.1 [06/08]	21.6 [07/17]	21.6	23.5	17.0	21	7.0	6.9	10.4	5.0	7.3	7.6	7.4	7.4

Sampling at 1402-14 was terminated on 12/31/10.

(Annual Means in parentheses are based on less than 75% available data)
F = Federal Reference Method T = TEOM (Tapered Element Oscillating Microbalance) not for Standards determination

* Federal Ambient Air Quality Standard
+ Denotes a contravention of Federal AAQS

CARBON MONOXIDE - Continuous Non-Dispersive Infrared

NYSDEC Region **9**

Annual Averages 2001 through 2011
Annual Arithmetic Mean (ppm)

Station	Site No.	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
Niagara Falls	3102-25	0.3	0.4	0.4	0.2	0.2	0.2	0.2	0.3	0.3	0.3	(0.3)
Buffalo	1401-18	0.5	0.5	0.5	0.4	0.4	0.4	0.4	0.3	0.3	0.3	0.4
Brookside Terrace	1472-14	--	--	--	--	--	--	0.4	(0.3)	xx	xx	xx

Comparison Between NYS Ambient Air Quality and Ambient Air Quality Standards for Calendar Year 2011

		One-Hour Average Maximum not to exceed 35 PPM more than once per calendar year *						**Running 8-Hour Average** (Non-Overlapping) Maximum not to exceed 9 PPM more than once per calendar year *					
		Observations			**Highest Values, PPM**			**Observations**		**Highest Values, PPM**			
Station	**Site No.**	**Total Obs.**	**% Avail**	**>35 PPM**	**1st**	**2nd**	**3rd**	**Total**	**>9 PPM**	**1st**	**2nd**	**3rd**	**Days> 9PPM**
Niagara Falls	3102-25	5,176	59	0	1.4 [01/23, 22]	1.3 [12/12, 07]	1.2 [01/23, 21]	5,199	0	1.0 [10/30, 05]	1.0 [12/03, 04]	0.9 [10/23, 05]	0
Buffalo	1401-18	7,661	87	0	1.8 [12/13, 03]	1.6 [11/23, 19]	1.6 [12/13, 04]	7,682	0	1.5 [12/13, 10]	1.3 [12/03] 06]	1.3 [12/13, 02]	0

(Annual Means in parentheses are based on less than 75% available data)
*New York and Federal Ambient Air Quality Standard

[Date of Occurrence, Hour]
+ Denotes a contravention of NYS/Federal AAQS (Note: 9PPM standard is not exceeded unless 8-hour avg > 9.4 PPM)

OZONE - Continuous UV Light Absorption

NYSDEC Region **9**

Annual Averages 2001 through 2011
Annual Arithmetic Mean (ppm)

Station	Site No.	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
Westfield	0675-01	.035	.038	.034	.033	.035	.034	.036	.034	.034	.038	.035
Dunkirk	0604-01	.032	.034	.033	.032	.033	.033	.034	.032	.031	.034	.031
Amherst	1451-03	.028	.031	.028	.028	.030	.028	.030	.029	.029	.031	.028
Middleport	3120-02	.030	.034	.034	.030	.036	.032	.036	.033	.031	.034	.035

Comparison Between NYS Ambient Air Quality and Ambient Air Quality Standards for Calendar Year 2011

		One Hour Averages							**4th Highest Daily Maximum 8-Hour Average-** Not to exceed an avg of 0.075 ppm during the last 3 years, *changed* from 0.08 ppm on 5/27/08*			
		Observations			**Highest Values, PPM**							
Station	**Site No.**	**Total Obs.**	**% Avail**	**>.12 PPM**	**1st**	**2nd**	**3rd**	**4th**	**2009**	**2010**	**2011**	**Avg**
Westfield	0675-01	8,606	98	0	.090 [06/08, 15]	.083 [07/11, 12]	.081 [06/07, 17]	.081 [07/21, 15]	.069 [04/24]	.075 [04/01]	.073 [07/06]	.072
Dunkirk	0604-01	8,658	99	0	.101 [06/08, 15]	.084 [07/06, 17]	.082 [07/16, 16]	.078 [05/31, 13]	.068 [04/24]	.080 [07/07]	.069 [05/31]	.072
Amherst	1451-03	8,678	99	0	.081 [07/21, 17]	.079 [06/08, 17]	.075 [07/23, 13]	.074 [07/11, 16]	.067 [08/15]	.072 [07/07]	.068 [08/13]	.069
Middleport (Operated 01/01 - 11/03)	3120-02	6,489	85	0	.091 [07/21, 19]	.086 [10/10, 13]	.084 [08/13, 17]	.083 [07/02, 13]	.064 [04/24]	.071 [04/15]	.073 [07/23]	.069

(Annual Means in parentheses are based on less than 75% available data)
*Federal Ambient Air Quality Standard

[Date of Occurrence, Hour]
+ Denotes a contravention of Federal AAQS

NITROGEN DIOXIDE - Continuous Chemiluminescence

NYSDEC Region **9**

Annual Averages 2001 through 2011

Annual Arithmetic Mean (PPB) - Primary Standard (12 month average not to exceed 53 PPB *)

Station	Site No.	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
Buffalo	1401-18	21.00	19.74	19.82	18.16	18.92	15.53	16.41	15.05	13.88	13.00	(12.52)
Amherst	1451-03	15.43	13.47	13.06	11.99	12.66	10.51	10.23	(9.71)	(7.42)	8.19	8.32

Comparison Between NYS Ambient Air Quality and Ambient Air Quality Standards for Calendar Year 2011

		One-Hour Averages - average of 98th percentile for last 3 years not to exceed 75 PPB *								
		Observations		**98th Percentile, PPB**				**Highest Values, PPB**		
Station	**Site No.**	**Total**	**% Avail**	**2009**	**2010**	**2011**	**3-yr avg**	**avg**	**2nd**	**3rd**
Buffalo	1401-18	6,155	70	76.0	59.0	53.6	63	59.6 [01/17, 21]	57.8 [02/23, 20]	57.4 [02/17, 02]
Amherst	1451-03	8,659	99	35.0	46.0	49.5	44	56.5 [01/17, 06]	55.8 [01/17, 07]	55.5 [01/17, 03]

(Annual Means in parentheses are based on less than 75% available data)
*New York and Federal Ambient Air Quality Standard

[Date of Occurrence, Hour]
+ Denotes a contravention of NYS/Federal AAQS

LEAD - High Volume Air Samplers (Glass Fiber Filters)

NYSDEC Region **9**

Annual Geometric Means (ug/m3) 1999 through 2009

Station	**Site No.**	**1999**	**2000**	**2001**	**2002**	**2003**	**2004**	**2005***	**2006**	**2007**	**2008**	**2009**
Buffalo	1401-29	0.03	0.03	0.03	0.03	xxx	xxx	xxx	xxx	xxx	xxx	xx
Niagara Falls	3102-09	0.02	0.02	(0.02)	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xx
Niagara Falls	3102-25	---	---	---	0.02	0.02	0.02	0.02	0.01	0.01	xxx	xxx

Lab results not received for 7097-01 for 2004 and 2005.

(Annual Means in parentheses are based on less than 75% available data)
*New York and Federal Ambient Air Quality Standard + Denotes a contravention of NYS/Federal AAQS