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Monitoring Site:

Pace University

Fine Particulate Matter (PM 2.5) Air Monitoring Data

This table shows how much fine particulate matter (particles less than 2.5 micrometers in diameter) the New York State Department of Environmental Conservation has measured in the air at this site, on the dates and times shown.

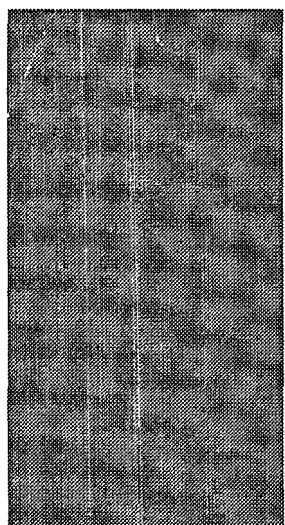
Airborne particles like smoke and dust are solids and liquid droplets of different sizes suspended in the air. EPA sets the level of concern to caution sensitive groups, including children, the elderly, and people with heart or lung disease. For fine particles, that level is 40 ug/m3** for 24-hour average exposure. This level is based on EPA's Air Quality Index . Above this level, we recommend that sensitive groups reduce their exposure. Shorter term peaks are also of potential concern for sensitive groups. The level of concern for the general population is 65 ug/m3** over a 24 hour period. **Most healthy adults and children are expected to recover quickly from any symptoms of short-term exposure like coughing, wheezing, or eye and throat irritation. EPA expects the long-term risk from these short-term exposures to be low.**

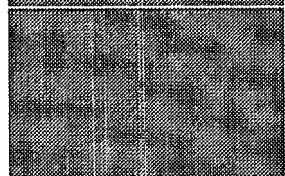
See [PM Fact Sheet](#) for more information about particulate matter and how to reduce your exposure.

Date	Time	Hourly Measurement* ug/m3***
10/14/2001	12 AM	15.11
10/13/2001	Daily Average: 23.37	
10/13/2001	11 PM	16.74
10/13/2001	10 PM	17.39
10/13/2001	9 PM	22.87
10/13/2001	8 PM	20.51
10/13/2001	7 PM	16.09
10/13/2001	6 PM	16.2
10/13/2001	5 PM	14.5
10/13/2001	4 PM	10.46
10/13/2001	3 PM	10.44
10/13/2001	2 PM	23.33
10/13/2001	1 PM	30.73
10/13/2001	12 PM	22.29
10/13/2001	11 AM	28.73
10/13/2001	10 AM	32.32

	10/13/2001	9 AM	29.7
	10/13/2001	8 AM	34.37
	10/13/2001	7 AM	34.59
	10/13/2001	6 AM	43.49
	10/13/2001	5 AM	25.36
	10/13/2001	4 AM	26.27
	10/13/2001	3 AM	23.05
	10/13/2001	2 AM	20.4
	10/13/2001	1 AM	23.84
	10/13/2001	12 AM	17.3
	10/12/2001	Daily Average: 17.82	
	10/12/2001	11 PM	12.65
	10/12/2001	10 PM	10.49
	10/12/2001	9 PM	11.85
	10/12/2001	8 PM	12.72
	10/12/2001	7 PM	12.15
	10/12/2001	6 PM	12.04
	10/12/2001	5 PM	11.95
	10/12/2001	4 PM	14.14
	10/12/2001	3 PM	23.93
	10/12/2001	2 PM	27.57
	10/12/2001	1 PM	22.38
	10/12/2001	12 PM	26.87
	10/12/2001	11 AM	25.83
	10/12/2001	10 AM	34.25
	10/12/2001	9 AM	28.28
	10/12/2001	8 AM	21.54
	10/12/2001	7 AM	17.54
	10/12/2001	6 AM	12.96
	10/12/2001	5 AM	16.38
	10/12/2001	4 AM	21.26
	10/12/2001	3 AM	16.32
	10/12/2001	2 AM	12.25
	10/12/2001	1 AM	11.2
	10/12/2001	12 AM	11.05
	10/11/2001	Daily Average: 17.57	
	10/11/2001	11 PM	13.44
	10/11/2001	10 PM	10.14
	10/11/2001	9 PM	11.15
	10/11/2001	8 PM	15.63

10/11/2001	7 PM	16.78
10/11/2001	6 PM	12.55
10/11/2001	5 PM	11.77
10/11/2001	4 PM	13.54
10/11/2001	3 PM	15.2
10/11/2001	2 PM	17.48
10/11/2001	1 PM	15.72
10/11/2001	12 PM	19.55
10/11/2001	11 AM	31.61
10/11/2001	10 AM	35.61
10/11/2001	9 AM	34.88
10/11/2001	8 AM	24.64
10/11/2001	7 AM	20.25
10/11/2001	6 AM	14.45
10/11/2001	5 AM	13.08
10/11/2001	4 AM	11.33
10/11/2001	3 AM	16.66
10/11/2001	2 AM	12.74
10/11/2001	1 AM	18.41
10/11/2001	Daily Average: 17.57	
10/10/2001	Daily Average: 17.98	
10/09/2001	Daily Average: 15.69	
10/08/2001	Daily Average: 9.62	
10/07/2001	Daily Average: 10.92	
10/06/2001	Daily Average: 8.99	
10/05/2001	Daily Average: 33.7	
10/04/2001	Daily Average: 38.61	
10/03/2001	Daily Average: 35.25	
10/02/2001	Daily Average: 26.23	

	<p>10/01/2001</p>	<p>Daily Average: 10.66</p>
	<p>*The information contained in this database should be considered provisional and may be subject to adjustment upon final analysis. Viewers of this data are advised that changes in atmospheric conditions, particularly humidity, can affect reported hourly particulate concentrations. Changes in humidity can increase or decrease reported concentrations and in the extreme, result in negative reported values. While these effects do not invalidate daily average concentrations, viewers are cautioned that hour to hour comparisons may not always be appropriate.</p> <p>**The reading exceeds a level of concern for sensitive groups. Effects for some people may include respiratory symptoms and aggravation of lung or heart disease.</p> <p>***The unit, ug/m3, is the mass of fine particles in micrograms (a millionth of a gram) in a cubic meter of air.</p>	



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