

## Summary of 24-Hr Lead Levels At Vassar

Updated 2/1/15

AIRS ID = 261570001

\* Expressed to four significant figures using truncation at local conditions.

\*\* NAAQS = 0.15 ug/m3 as a rolling 3 month average.

\*\*\* WD's shown if wind is from 1 direction for 5hr or more. Otherwise, see Otisville Met Summary Shee + no WD with a frequency > 5 hours

	Avg WS, mph	WD***	24-Hr Lead Value*, ug/m3	Monthly Avg	3 Mo avg	Comments
9/30/11	0	NNW, N,	0.005306			
10/6/11	2	ESE, E, S	0.005631	0.0121328	---	
10/12/11	4	ESE, E,	0.01082			
10/18/11	3	WSW, NE,	0.03239			
10/24/11	6	W, WSW,	0.007675			
10/30/11	5	SSE, ,	0.004148			
11/5/11	5	ESE, SE, SSE	0.004151	0.0170932	---	
11/11/11	6	W, SSW,	0.03284			
11/17/11	6	W, WSW, SW	0.02143			
11/23/11	3	WSW, NW, NNW	0.02591			
11/29/11	7	N, NNE,	0.001135			
12/5/11	3	N, SE,	0.0008773	0.00279933	0.01068	
12/11/11	9	SSW, ,	0.005148			
12/17/11	3	variable	0.001561			
12/23/11	3	SSE, ,	0.003611			
12/29/11	5	SE, SSE,	0.003921			
1/4/12	6	SSW, SW,	0.07252	0.027591	0.01583	
1/10/12	3	W, SSE, SSE	0.01384			
1/16/12	7	SSW, SSE,	0.02096			
1/22/12	8	SE, SSE, ESE	0.003044			
1/28/12	10	WSW, S,	0.00631			
2/3/12	2	NW, ,	0.00675	0.0743175	0.03490	
2/9/12	8	WSW, SW,	0.2014			
2/15/12	6	SW, SSW,	0.04425			
2/21/12	8	SE, SSE, SW	0.04487			
2/27/12	10	W, SW,	0.01835			
3/4/12	3	NW, ,	0.001478	0.0162424	0.03938	
3/10/12	9	SSW, ,	0.007193			
3/16/12	3	ESE, ,	0.005461			
3/22/12	4	NE, ,	0.01248			

	Avg WS, mph	WD***	24-Hr Lead Value*, ug/m3	Monthly Avg	3 Mo avg	Comments
3/28/12	7	WNW, NW,	0.0546			
4/3/12	3	variable	0.007937	0.0097506	0.03344	
4/9/12	5	W, WNW,	0.0267			
4/15/12	7	SSW, SW, S	0.009519			
4/21/12	5	N, NNE,	0.002061			
4/27/12	3	NW, ,	0.002536			
5/3/12	5	SW, ,	0.02358	0.0273554	0.01778	
5/9/12	2	W, WNW,	0.003742			
5/15/12	4	SW, WSW,	0.1003			
5/21/12	2	WNW, ,	0.005403			
5/27/12	5	SE, NE,	0.003752			
6/2/12	9	WSW, ,	0.003346	0.0195652	0.01889	
6/8/12	5	W, WSW,	0.02942			
6/14/12	4	SE, ESE,	0.004662			
6/20/12	7	SW, SSW,	0.0568			
6/26/12	2	WNW, W,	0.003598			
7/2/12	2	variable	0.008333	0.0195432	0.02215	
7/8/12	2	NNE, ,	0.002387			
7/14/12	5	S, SSE,	0.00446			
7/20/12	3	NE, NNE,	0.001886			
7/26/12	5	WSW, SW, NE	0.08065			
8/1/12	1	W, WNW,	0.003729	0.01601317	0.01837	
8/7/12	4	W, WSW,	0.06801			
8/13/12	1	W, WNW,	0.01029			
8/19/12	1	variable	0.006072			
8/25/12	3	S, SE,	0.005339			
8/31/12	7	WSW, W,	0.002639			
9/6/12	1	variable	0.005143	0.0492612	0.02827	
9/12/12	5	SSW, SW,	0.04997			
9/18/12	2	W, WNW,	0.002268			
9/24/12	8	SW, ,	<b>0.1852</b>			
9/30/12	2	NW, NNE, NE	0.003725			
10/6/12	6	W, WSW,	0.004579	0.00314854	0.02281	
10/12/12	2	variable	0.002845			
10/18/12	8	SSE, SE,	0.004276			
10/24/12	4	S, ,	0.003621			

	Avg WS, mph	WD***	24-Hr Lead Value*, ug/m3	Monthly Avg	3 Mo avg	Comments
10/30/12	5	NNW, ,	0.0004217			
11/5/12	2	NW, ,	0.002359	0.0109276	0.02111	
11/11/12	14	S, SSW,	0.00944			
11/17/12	2	SE, ESE,	0.005951			
11/23/12	11	W, ,	0.004558			
11/29/12	5	WSW, SW,	0.03233			
12/5/12	3	WNW, ,	0.001415	0.0019026	0.00533	
12/11/12	4	SW, SSW,	0.002411			
12/17/12	3	W, WSW,	0.001986			
12/23/12	3	NW, ,	0.002149			
12/29/12	3	NW, NE,	0.001552			
1/4/13	12	WSW, W,	0.01357	0.0218956	0.01158	
1/10/13	5	SE, ESE,	0.003139			
1/16/13	7	SW, W,	0.07469			
1/22/13	6	WNW, W,	0.005889			
1/28/13	6	SSE, W,	0.01219			
2/3/13	4	W, WSW,	0.004445	0.0035617	0.00912	
2/9/13	3	SSE, ,	0.006308			
2/15/13	5	WNW, W,	0.005151			
2/21/13	4	ENE, N, NE	0.001083			
2/27/13	5	ENE, ,	0.0008215			
3/5/13	6	E, ENE, NE	0.00148	0.00171	0.00906	
3/11/13	10	S, ,	0.002749			
3/17/13	5	E, NE,	0.001072			
3/23/13	2	NW, NNW,	0.001293			
3/29/13	3	WNW, NW,	0.001956			
4/4/13	8	SSW, SW,	0.01925	0.00622	0.00383	
4/10/13	7	NE, NNE,	0.001355			
4/16/13	5	W, WNW,	0.002177			
4/22/13	6	SE, ,	0.003253			
4/28/13	5	ESE, ,	0.005065			
5/4/13	7	SE, ESE,	0.002953	0.0028344	0.00359	
5/10/13	3	N, NE,	0.001364			
5/16/13	3	ENE, W,	0.004124			
5/25/13	2	NW, NE,	0.001489			
5/28/13	5	SE, ESE,	0.004242			

	Avg WS, mph	WD***	24-Hr Lead Value*, ug/m3	Monthly Avg	3 Mo avg	Comments
6/3/13	2	W, NW,	0.002614	0.0060924	0.00505	
6/9/13	5	ESE, E,	0.00273			
6/15/13	4	WSW, SW,	0.009058			
6/21/13	4	S, ,	0.006767			
6/27/13	3	variable	0.009293			
7/3/13	3	S, ENE,	0.003104	0.0047348	0.00455	
7/9/13	4	SW, W, WSW	0.007379			
7/15/13	2	SE, ,	0.006917			
7/21/13	2	ENE, NE,	0.003415			
7/27/13	5	SSW, S, W	0.002859			
8/2/13	5	WSW, SW,	0.005755	0.0157312	0.00885	
8/8/13	2	NNE, NE,	0.005421			
8/14/13	2	W, NW, WNW	0.00612			
8/20/13	3	WSW, ,	0.01711			
8/26/13	6	WSW, W,	0.04425			
9/1/13	2	SE, ,	0.003522	0.0054494	0.00864	
9/7/13	4	SW, WSW,	0.006412			
9/13/13	2	N, NNE, NW	0.003856			
9/19/13	4	S, SSE,	0.008509			
9/25/13	2	E, NE,	0.004948			
10/1/13	6	SW, ,	0.006969	0.01471267	0.01196	
10/7/13	6	WSW, W,	0.06901			
10/13/13	2	W, WNW,	0.00288			
10/19/13	6	SW, W, WSW	0.002055			
10/25/13	6	W, ,	0.004025			
10/31/13	10	SSW, S,	0.003337			
11/6/13	11	SSW, S,	0.001778	0.0021778	0.00745	
11/12/13	3	NW, ,	0.001638			
11/18/13	11	W, ,	0.001335			
11/24/13	5	WNW, ,	0.001635			
11/30/13	8	S, SSW,	0.004503			
12/6/13	4	WNW, ,	0.001391	0.001676	0.00619	
12/12/13	8	WSW, ,	0.002671			
12/18/13	7	WSW, SW, W	0.001855			
12/24/13	6	WNW, NW,	0.001463			
12/30/13	3	NNW, W,	0.001			

	Avg WS, mph	WD***	24-Hr Lead Value*, ug/m3	Monthly Avg	3 Mo avg	Comments
1/5/14	4	N, NNE,	0.001364	0.00137184	0.00174	
1/11/14	9	W, SSW,	0.0009873			
1/17/14	8	W, WSW,	0.0009119			
1/23/14	2	NNW, WNW, NW	0.002309			
1/29/14	11	WSW, SW,	0.001287			
2/4/14	2	SE, ,	0.003203	0.00211944	0.00172	
2/10/14	3	WNW, W,	0.0009592			
2/16/14	3	NNE, ,	0.001671			
2/22/14	12	WSW, ,	0.001234			
2/28/14	6	SSE, SE,	0.00353			
3/6/14	6	ESE, SE, ENE	0.00166	0.0020974	0.00186	
3/12/14	7	NNE, N,	0.001761			
3/18/14	6	ESE, SE,	0.003134			
3/24/14	5	W, WSW, SW	0.002028			
3/30/14	2	NNW, N, NW	0.001904			
4/5/14	6	WNW, ,	0.002085	0.002517	0.00224	
4/11/14	3	WSW, W,	0.00212			
4/17/14	8	ESE, S, SSE	0.004213			
4/23/14	3	N, NW,	0.00102			
4/29/14	9	SE, ESE,	0.003147			
5/5/14	2	ESE, ,	0.002839	0.0029508	0.00252	
5/11/14	5	SE, SSE, SSW	0.006906			
5/17/14	4	WSW, ,	0.001937			
5/23/14	2	NW, WNW,	0.001547			
5/29/14	3	NE, ENE,	0.001525			
6/4/14	3	variable	0.002436	0.0057518	0.00374	
6/10/14	4	ENE, NE,	0.002224			
6/16/14	4	W, WSW,	0.00965			
6/22/14	4	SSE, ENE,	0.004802			
6/28/14	4	E, S,	0.009647			
7/4/14	2	WNW, NNW,	0.003986	0.004742	0.00448	
7/10/14	2	NNE, N,	0.00225			
7/16/14	3	W, WNW, WSW	0.001747			
7/22/14	6	SSW, SW, WSW	0.01464			
7/28/14	2	NNE, N,	0.001087			
8/3/14	1	WSW, ,	0.004477	0.0031688	0.00455	

	Avg WS, mph	WD***	24-Hr Lead Value*, ug/m3	Monthly Avg	3 Mo avg	Comments
8/9/14	3	ENE, NE,	0.003564			
8/15/14	4	W, WNW, WSW	0.003795			
8/21/14	2	ENE, ,	0.002288			
8/27/14	2	NE, N,	0.00172			
9/2/14	4	W, WSW,	0.002234	0.0054924	0.00447	
9/8/14	3	SE, NE,	0.002849			
9/14/14	3	SSW, SW,	0.004109			
9/20/14	8	SSW, SW,	0.01314			
9/26/14	1	variable	0.00513			
10/2/14	4	SE, SSE,	0.004546	0.0034072	0.00402	
10/8/14	6	W, WSW,	0.005232			
10/14/14	7	SSE, ,	0.00219			
10/20/14	4	SSW, NW, WSW	0.0028			
10/26/14	4	W, WNW,	0.002268			
11/1/14	3	N, ,	0.001103	0.0019316	0.00361	
11/7/14	3	NW, ,	0.001512			
11/13/14	5	W, WSW,	0.001615			
11/19/14	10	SW, SSW,	0.003581			
11/25/14	9	WSW, ,	0.001847			
12/1/14	3	WNW, NW,	0.001415	0.00322233	0.00285	
12/7/14	4	ESE, ,	0.001723			
12/13/14	7	W, WSW,	0.003268			
12/19/14	2	WNW, NNW, W	0.001535			
12/25/14	8	WSW, W,	0.001153			
12/31/14	9	WSW, W,	0.01024			