



# AMERECO, INC.

CONSULTING • ENGINEERING • PROJECT MANAGEMENT © 2011

June 17, 2011

Mr. Jeffrey C. Teagarden  
Dore & Associates Contracting, Inc.  
900 Harry S. Truman Parkway  
Bay City, Michigan 48707

**Re: Airborne Asbestos Dust Levels  
Studebaker - Phase IV  
Engineering Building  
Project #: 11.2529.3**

Dear Mr. Teagarden:

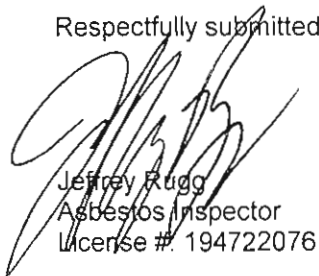
Thank you for the opportunity to provide Dore and Associates Contracting, Inc. with this service. Please find attached the analytical report for the asbestos air samples taken on June 8<sup>th</sup>, 2011 during the demolition of the building at the above mentioned location.

The air sample analyses verified that the airborne fiber concentrations was below the Permissible Exposure Level (PEL) of 0.10 fibers per cubic centimeter of air, as defined by the United States Environmental Protection Agency and the Occupational Safety and Health Administration.

The analysis was performed in accordance with all applicable state and federal rules and regulations governing asbestos abatement projects in public and commercial buildings. Quality control criteria specific to the analytical method have been met. All QA/QC documentation will remain on file for future reference.

Please call if you have any questions or if we can be of any additional service.

Respectfully submitted,



Jeffrey Rugg  
Asbestos Inspector  
License #: 194722076

Attachment





## Fiber Concentration Report

DATE: June 17, 2011 CONTRACTOR: Dore & Associates Contracting Inc.  
 PROJECT: Studebaker Demolition CLIENT PROJECT #: n/a  
 AMERECO PROJECT #: 11.2529.3 REPORTED TO: Mr. Jeff Teagarden  
 ANALYTICAL METHOD: PCM - NIOSH Method 7400 Dore & Associates Contracting  
 400-450X Magnification 900 Harry S. Truman Parkway  
 P.O. Box 146  
 Bay City, MI 48707

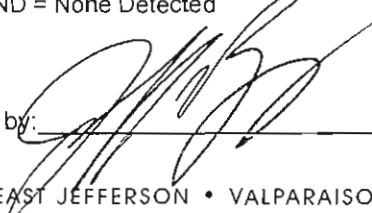
\*\*\*\*\*  
 The following is the analyses of 8 air samples taken during the demolition of the buildings at the above captioned site. The samples were analyzed by NIOSH Method 7400 using Phase Contrast Microscopy at 400 - 450X magnification. Method 7400 measures the concentration of all fibers present, asbestos and non-asbestos.

<b>Sample Type:</b>	PER - Personal IA - Inside Area	BKG - Background OA - Outside Area	CLR - Clearance NEG - Negative Air	IAQ - Indoor Air Quality PRM - Perimeter
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<b>Activity:</b>	GR - Gross Removal CU - Clean Up	GB - Glovebag PR - Site Prep	BO - Bag Out ** - Excursion	TWA - 8hr. Time Weighted Avg.
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Sample ID	Date Collected	Sample Type/ Activity	Location	Fibers/ CC
A-01	06/08/11	PRM	North of Demolition Near Jail	< 0.01
A-02	06/08/11	PRM	Northeast of Demolition Near Jail	< 0.01
A-03	06/08/11	PRM	Northwest of Demolition Near Police Station	< 0.01
A-04	06/08/11	PRM	Southwest of Demolition	< 0.01
A-05	06/08/11	PRM	North of Demolition Near Jail	< 0.01
A-06	06/08/11	PRM	Northeast of Demolition Near Jail	< 0.01
A-07	06/08/11	PRM	Northwest of Demolition Near Police Station	< 0.01
A-08	06/08/11	PRM	Southwest of Demolition	< 0.01

Note: 1. OL = Overloaded and can not be analyzed  
 2. ND = None Detected

Analyzed by: 





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June 17, 2011

Mr. Jeffrey C. Teagarden  
Dore and Associates Contracting, Inc.  
900 Harry S. Truman Parkway  
Bay City, Michigan 48706

Re: Airborne Lead Dust Levels  
Studebaker - Phase IV  
Engineering Building  
Project #: 11.2529.3

Dear Mr. Teagarden:

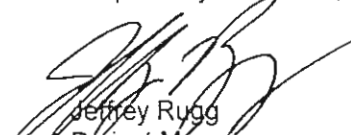
Thank you for the opportunity to provide you and Dore and Associated Contracting, Inc. with this service. Please find attached the analytical report for the air samples taken at the above captioned project during the demolition project conducted by your company.

I am pleased to inform you that the airborne dust levels were below the detectable limit of NIOSH Method 7082, Flame Atomic Absorption. Therefore, the air sample analyses verified that the air quality remained below the permissible exposure limit of 50  $\mu\text{g}/\text{m}^3$  and the action level of 30  $\mu\text{g}/\text{m}^3$  as required by the Occupational Safety and Health Administration, 29 CFR 1926.62(c).

The sampling and analyses were performed in accordance with all applicable state and federal rules and regulations governing occupational exposure to lead. Quality control criteria specific to the analytical method have been met. All QA/QC documentation will remain on file for future reference.

Please call if you have any questions.

Respectfully submitted,



Jeffrey Rugg  
Project Manager

Attachments





# AMERECO, INC.

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DATE: June 17, 2011 CONTRACTOR: Dore and Associates  
 900 Harry S. Truman Parkway  
 Bay City, Michigan 48706

PROJECT: Studebaker Phase IV  
 Engineering Building Demo

AMERECO PROJECT #: 11.2529.3 REPORTED TO: Mr. Jeff Teagarden  
 Dore and Associates  
 900 Harry S. Truman Parkway  
 Bay City, Michigan 48706

ANALYTICAL METHOD: Flame Atomic Absorption  
 (Niosh 7082)

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 The following are the analytical results of 8 air samples taken during the demolition at the above captioned site. The samples were analyzed for Lead in Air by Flame Atomic Absorption - (NIOSH 7082.)

<b>Sample Type:</b>	PER - Personal IA - Inside Area	BKG - Background OA - Outside Area	CLR - Clearance NEG - Negative Air	IAQ - Indoor Air Quality PRM - Perimeter
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<b>Activity:</b>	GR - Gross Removal CU - Clean Up	GB - Glovebag PR - Site Prep	BO - Bag Out ** - Excursion	TWA - 8hr. Time Weighted Avg.
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The results are as follows:

Sample ID	Date Collected	Sample Type/ Activity	Location	Concentration
17A	6/8/11	PRM	North side of demolition site near Jail building	ND
03A	6/8/11	PRM	North East of demolition site near Jail building	ND
21A	6/8/11	PRM	North West of demolition site near Police Department	ND
30A	6/8/11	PRM	South west corner of demolition site	ND
13A	6/8/11	PRM	North side of demolition site near Jail building	ND
23A	6/8/11	PRM	North East of demolition site near Jail building	ND
02A	6/8/11	PRM	North West of demolition site near Police Department	ND
19A	6/8/11	PRM	South west corner of demolition site	ND

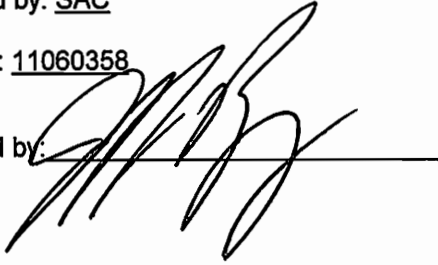


**NIOSH & OSHA exposure limits: 0.050 mg/m<sup>3</sup> or 50 ug/m<sup>3</sup>**

Analyzed by: SAC

Ref. No.: 11060358

Sampled by: \_\_\_\_\_

A handwritten signature in black ink, consisting of several overlapping loops and strokes, is written over a horizontal line. The signature is positioned to the right of the 'Sampled by:' label.



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June 17, 2011

Mr. Jeffrey C. Teagarden  
Dore & Associates Contracting, Inc.  
900 Harry S. Truman Parkway  
Bay City, Michigan 48707

**Re: Nuisance Dust Air Sample Analysis  
Studebaker - Phase IV  
Engineering Building  
Project #: 11.2529.3**

Dear Mr. Teagarden:

Thank you for the opportunity to provide Dore and Associates Contracting, Inc. with this service. Please find attached the analytical report for the nuisance dust air samples taken on June 8<sup>th</sup>, 2011 during the demolition project conducted by your company at the above mentioned location.

I am pleased to inform you that the airborne nuisance dust levels were below the detectable limit of NIOSH method 0500 methodology. Therefore, the air sample analyses verified that the air quality remained below the permissible exposure limit of 15 mg/m<sup>3</sup> as required by the Occupational Safety and Health Administration.

The sampling and analyses were performed in accordance with all applicable state and federal rules and regulations governing asbestos abatement projects in public and commercial buildings. Quality control criteria specific to the analytical method have been met. All QA/QC documentation will remain on file for future reference.

Please call if you have any questions or if we can be of any additional service.

Respectfully submitted,



Jeffrey Rugg  
Project Manager

Attachment







## SAMPLE LOG FORM and ANALYTICAL REPORT

Client: Mr. Jeff Teagarden  
Dore and Associates Contracting, Inc.  
900 Harry S. Truman Parkway  
Bay City, Michigan 48706

Project: Studebaker Demolition - Phase IV  
Engineering Building

Project No. 11.2529.3

Analysis: Particulates in Air

Method: NIOSH 0500 - Nuisance Dust in Air

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Sample ID	Date Taken	Stop Time	Location & Volume (Liters)	Result (mg/m <sup>3</sup> )	RL (mg/m <sup>3</sup> )
08A	6/08/11	8:40	North side of demo site near Jail building (290L)	ND	0.69
16A	6/08/11	8:40	North east of demo site near Jail building (280L)	ND	0.71
15A	6/08/11	8:45	North west of demo site near Police Station (280L)	ND	0.71
25A	6/08/11	8:50	Southwest corner of demo site (280L)	ND	0.71
17A	6/08/11	11:05	North side of demo site near Jail building (290L)	ND	0.69
03A	6/08/11	11:00	North east of demo site near Jail building (280L)	ND	0.71
21A	6/08/11	2:10	North west of demo site near Police Station (650L)	ND	0.31
30A	6/08/11	11:00	Southwest corner of demo site (260L)	ND	0.77
12A	6/08/11	2:00	North side of demo site near Jail building (350L)	ND	0.57
20A	6/08/11	2:05	North east of demo site near Jail building (370L)	ND	0.54
04A	6/08/11	2:00	North west of demo site near Police Station (350L)	ND	0.57



90Z	6/08/11	2:00	Southwest corner of demo site (360L)	ND	0.56
13A	6/08/11	4:05	North side of demo site near Jail building (230L)	ND	0.87
23A	6/08/11	4:05	North east of demo site near Jail building (250L)	ND	0.8
02A	6/08/11	4:05	North west of demo site near Police Station (250L)	ND	0.8
19A	6/08/11	4:05	Southwest corner of demo site (240L)	ND	0.83

Notes: 1. None Detected = Nuisance Dust not detected above the detection limit of NIOSH 0500 Methodology.

2. OSHA Exposure Limit - 15 mg/m<sup>3</sup>

Analyzed by: SAC

Ref Number: 011060358

Sampled by: \_\_\_\_\_

  
Jeff Bugg



A	B	C	D	E	F	G	H	I	J	K	L	M	N	
1	Instrument Model: HH 3016 IAQ													
2	Instrument Serial #: 071244006													
3	Downloaded On: 6/13/2011 10:09:04													
4	Particle Density: 2.500 g/ml													
5	Data Duration: 4/29/2011 07:36:41 to 6/8/2011 15:55:06													
6	Timestamp	Location (Name)	0.3 micron (ug/m <sup>3</sup> )	0.5 micron (ug/m <sup>3</sup> )	1.0 micron (ug/m <sup>3</sup> )	2.5 micron (ug/m <sup>3</sup> )	5.0 micron (ug/m <sup>3</sup> )	10.0 micron (ug/m <sup>3</sup> )	PM0.5 (ug/m <sup>3</sup> )	PM1.0 (ug/m <sup>3</sup> )	PM2.5 (ug/m <sup>3</sup> )	PM5.0 (ug/m <sup>3</sup> )	PM10.0 (ug/m <sup>3</sup> )	TPM (ug/m <sup>3</sup> )
7	6/8/2011 06:44:34	SOUTHWES	18.44	6.73	3.22	27.50	15.60	1.85	18.44	25.16	28.38	55.88	71.48	73.33
8	6/8/2011 06:45:44	SOUTHWES	18.30	6.61	2.89	29.55	12.87	0.00	18.30	24.91	27.80	57.34	70.21	70.21
9	6/8/2011 06:46:54	SOUTHWES	18.19	6.36	3.11	29.16	17.75	0.92	18.19	24.56	27.67	56.83	74.57	75.50
10	6/8/2011 06:48:04	SOUTHWES	18.00	6.23	3.01	30.40	18.14	1.85	18.00	24.23	27.24	57.64	75.78	77.63
11	6/8/2011 06:49:14	SOUTHWES	17.81	6.41	3.13	28.72	15.21	0.00	17.81	24.22	27.36	56.08	71.29	71.29
12	6/8/2011 06:50:24	SOUTHWES	17.80	6.31	3.16	30.01	18.14	1.39	17.80	23.47	27.27	57.28	75.41	76.80
13	6/8/2011 06:51:34	SOUTHWES	17.32	6.15	3.10	29.50	14.43	3.24	17.32	23.06	26.57	56.07	75.41	76.73
14	6/8/2011 06:52:44	SOUTHWES	17.07	6.00	3.02	30.28	16.97	2.77	17.07	23.06	26.09	56.36	73.33	73.70
15	6/8/2011 06:53:54	SOUTHWES	17.14	6.12	3.14	28.72	14.04	0.46	17.14	23.25	26.40	55.11	69.15	69.62
16	6/8/2011 06:55:04	SOUTHWES	17.14	6.16	3.14	29.03	16.38	0.00	17.14	23.30	26.44	55.48	71.86	71.86
17	6/8/2011 07:03:21	NORTHEAS	16.82	5.97	3.75	42.15	24.57	2.31	16.82	22.79	26.54	68.69	93.26	95.57
18	6/8/2011 07:04:31	NORTHEAS	16.83	5.84	3.75	40.34	27.89	0.46	16.83	22.67	26.42	66.76	94.65	95.11
19	6/8/2011 07:05:41	NORTHEAS	16.93	5.97	3.72	47.39	37.64	1.39	16.93	22.91	26.63	74.02	111.66	113.04
20	6/8/2011 07:06:51	NORTHEAS	16.72	6.16	4.28	47.10	28.47	1.39	16.72	22.89	27.16	74.26	102.73	104.12
21	6/8/2011 07:08:01	NORTHEAS	16.69	5.77	3.24	37.78	30.42	1.85	16.69	22.46	25.69	63.48	93.90	95.75
22	6/8/2011 07:09:11	NORTHEAS	16.89	6.13	4.66	54.56	34.91	0.46	16.89	23.01	27.67	82.23	117.14	117.60
23	6/8/2011 07:10:21	NORTHEAS	17.29	6.32	5.19	60.94	43.88	3.24	17.29	23.61	28.80	89.74	133.62	136.86
24	6/8/2011 07:11:31	NORTHEAS	16.78	6.03	4.94	65.60	54.61	4.62	16.78	22.80	27.74	93.34	147.95	152.57
25	6/8/2011 07:12:41	NORTHEAS	16.56	5.89	3.44	38.69	21.65	2.31	16.56	22.45	25.89	64.58	86.23	88.54
26	6/8/2011 07:13:51	NORTHEAS	16.48	6.00	5.05	64.75	38.03	1.39	16.48	22.48	27.53	92.28	130.31	131.69
27	6/8/2011 07:19:06	NORTH	18.14	8.50	14.86	168.98	114.67	5.55	18.14	26.64	41.50	210.48	325.16	330.70
28	6/8/2011 07:20:16	NORTH	18.76	17.42	56.94	651.24	648.44	57.32	18.76	36.18	93.12	744.36	1392.80	1450.12
29	6/8/2011 07:21:26	NORTH	17.03	7.67	12.91	159.94	120.52	17.10	17.03	24.70	37.61	197.55	318.07	335.17
30	6/8/2011 07:22:36	NORTH	18.18	7.71	11.17	142.71	110.38	8.32	18.18	25.89	37.07	179.77	290.15	298.47
31	6/8/2011 07:23:46	NORTH	17.77	8.61	15.13	178.20	105.12	8.32	17.77	26.39	41.52	219.72	324.83	333.15
32	6/8/2011 07:24:56	NORTH	17.37	6.12	4.25	46.73	19.11	0.46	17.37	23.48	27.74	74.47	93.58	94.04
33	6/8/2011 07:26:06	NORTH	17.56	7.49	10.26	111.45	57.14	2.77	17.56	25.05	35.31	146.76	203.90	206.68
34	6/8/2011 07:27:16	NORTH	16.31	6.08	4.83	46.78	25.35	1.85	16.31	22.40	27.22	74.00	99.36	101.21
35	6/8/2011 07:28:26	NORTH	16.57	7.74	15.45	227.66	245.14	18.95	16.57	24.30	39.76	267.42	512.56	531.51
36	6/8/2011 07:29:36	NORTH	16.98	7.52	11.23	141.95	109.41	13.41	16.98	24.51	35.73	177.68	287.09	300.49
37	6/8/2011 07:30:46	NORTHWES	15.41	5.90	8.76	145.36	102.58	2.77	15.41	21.31	30.07	175.43	278.01	280.79
38	6/8/2011 07:41:00	NORTHWES	15.70	5.53	4.40	60.07	37.25	0.92	15.70	21.23	25.62	85.69	122.94	123.86
39	6/8/2011 07:42:10	NORTHWES	15.75	5.41	3.48	41.37	24.96	0.46	15.75	21.16	24.65	66.02	90.98	91.44
40	6/8/2011 07:43:20	NORTHWES	15.76	5.33	2.90	32.81	12.48	0.00	15.76	21.09	23.99	56.80	69.29	69.29
41	6/8/2011 07:44:30	NORTHWES	15.91	5.43	3.32	37.13	20.87	0.46	15.91	21.34	24.67	61.79	82.66	83.12
42	6/8/2011 07:45:40	NORTHWES	15.62	5.36	2.58	27.42	4.49	0.00	15.62	20.98	23.56	50.99	55.47	55.47
43	6/8/2011 07:46:50	NORTHWES	16.02	5.60	3.46	36.01	22.04	0.92	16.02	21.62	25.08	61.08	83.12	84.04
44	6/8/2011 07:48:00	NORTHWES	15.63	5.37	3.09	30.03	8.19	0.00	15.63	21.00	24.09	54.12	62.31	62.31
45	6/8/2011 07:49:10	NORTHWES	15.75	5.53	3.09	30.18	7.02	0.00	15.75	21.29	24.38	54.56	61.58	61.58
46	6/8/2011 07:49:10	NORTHWES	15.75	5.53	3.09	30.18	7.02	0.00	15.75	21.29	24.38	54.56	61.58	61.58

A	B	C	D	E	F	G	H	I	J	K	L	M	N
Timestamp	Location (Name)	0.3 micron (ug/m <sup>3</sup> )	0.5 micron (ug/m <sup>3</sup> )	1.0 micron (ug/m <sup>3</sup> )	2.5 micron (ug/m <sup>3</sup> )	5.0 micron (ug/m <sup>3</sup> )	10.0 micron (ug/m <sup>3</sup> )	PM0.5 (ug/m <sup>3</sup> )	PM1.0 (ug/m <sup>3</sup> )	PM2.5 (ug/m <sup>3</sup> )	PM5.0 (ug/m <sup>3</sup> )	PM10.0 (ug/m <sup>3</sup> )	TPM (ug/m <sup>3</sup> )
6													
7													
47	6/8/2011 07:50:20	NORTHWES	15.50	5.26	3.17	34.13	12.29	0.92	15.50	20.76	58.05	70.34	71.26
48	6/8/2011 07:58:52	EAST	15.13	5.18	3.43	47.61	28.08	2.77	15.13	20.31	71.35	99.43	102.21
49	6/8/2011 08:00:02	EAST	15.34	5.17	2.78	29.76	6.05	0.92	15.34	20.51	53.05	59.10	60.02
50	6/8/2011 08:01:12	EAST	15.27	5.24	2.69	27.91	10.53	2.77	15.27	20.51	51.12	61.65	64.42
51	6/8/2011 08:02:22	EAST	15.23	5.04	2.75	30.89	11.70	0.00	15.23	20.27	53.90	65.60	65.60
52	6/8/2011 08:03:32	EAST	15.17	5.00	2.69	28.23	11.51	0.46	15.17	20.17	22.85	62.59	63.05
53	6/8/2011 08:04:42	EAST	15.11	5.05	2.71	30.81	10.34	0.92	15.11	20.16	53.68	64.02	64.94
54	6/8/2011 08:05:52	EAST	15.21	5.00	2.62	27.69	9.56	0.00	15.21	20.20	50.52	60.07	60.07
55	6/8/2011 08:07:02	EAST	15.23	5.20	2.68	25.94	9.95	2.31	15.23	20.43	49.05	59.00	61.31
56	6/8/2011 08:08:12	EAST	15.27	5.34	4.12	54.75	29.64	2.77	15.27	20.61	79.48	109.12	111.89
57	6/8/2011 08:09:22	EAST	15.07	5.74	7.97	127.08	73.72	0.92	15.07	20.81	155.87	229.58	230.51
58	6/8/2011 08:17:22	SOUTH	15.26	5.25	4.53	61.87	42.32	2.31	15.26	20.50	86.91	129.22	131.54
59	6/8/2011 08:18:32	SOUTH	15.40	5.00	2.87	35.40	20.28	0.00	15.40	20.41	58.67	78.96	78.96
60	6/8/2011 08:19:42	SOUTH	15.23	4.84	2.63	30.01	17.36	0.92	15.23	20.08	52.72	70.07	71.00
61	6/8/2011 08:20:52	SOUTH	15.55	4.91	2.76	31.84	15.99	0.92	15.55	20.46	55.06	71.05	71.98
62	6/8/2011 08:22:02	SOUTH	15.42	4.91	2.78	31.28	18.72	0.46	15.42	20.33	54.38	73.11	73.57
63	6/8/2011 08:23:12	SOUTH	15.38	5.01	2.83	30.76	12.29	0.92	15.38	20.38	53.98	66.27	67.19
64	6/8/2011 08:24:22	SOUTH	15.47	4.96	2.73	32.15	17.94	0.92	15.47	20.43	55.31	73.25	74.18
65	6/8/2011 08:25:32	SOUTH	15.38	4.96	2.84	32.18	15.41	0.92	15.38	20.35	55.36	70.77	71.69
66	6/8/2011 08:26:42	SOUTH	15.08	4.94	2.73	29.18	12.87	0.46	15.08	20.03	51.94	64.81	65.27
67	6/8/2011 08:27:52	SOUTH	15.00	4.84	2.72	31.18	12.87	0.46	15.00	19.84	22.55	66.60	67.07
68	6/8/2011 08:32:22	JAIENTR	14.77	5.09	4.75	85.83	66.11	1.85	14.77	19.85	24.61	176.55	178.40
69	6/8/2011 08:33:32	JAIENTR	14.79	4.94	3.35	43.83	24.96	3.24	14.79	19.73	23.08	91.87	95.11
70	6/8/2011 08:34:42	JAIENTR	14.77	4.84	2.91	34.54	18.33	0.46	14.77	19.61	22.52	75.40	75.86
71	6/8/2011 08:35:52	JAIENTR	15.02	4.92	2.90	34.91	17.94	1.39	15.02	19.94	22.84	75.69	77.07
72	6/8/2011 08:37:02	JAIENTR	15.11	5.52	5.74	87.10	61.63	1.39	15.11	20.63	26.36	175.09	176.48
73	6/8/2011 08:38:12	JAIENTR	14.94	4.97	3.42	46.22	37.44	1.39	14.94	19.91	23.33	107.00	108.38
74	6/8/2011 08:39:22	JAIENTR	14.73	4.79	3.02	34.54	16.77	0.46	14.73	19.52	22.54	73.85	74.31
75	6/8/2011 08:40:32	JAIENTR	14.81	4.91	3.21	33.84	16.19	0.00	14.81	19.72	22.93	72.95	72.95
76	6/8/2011 08:41:42	JAIENTR	14.97	4.94	2.97	39.32	25.16	0.46	14.97	19.91	22.88	87.36	87.82
77	6/8/2011 08:42:52	JAIENTR	14.84	5.46	6.18	81.32	54.22	3.24	14.84	20.30	26.48	162.02	165.25
78	6/8/2011 09:03:21	NORTH	15.30	9.02	33.61	725.30	1762.78	212.18	15.30	24.32	57.94	2546.02	2758.20
79	6/8/2011 09:04:31	NORTH	15.33	5.25	4.24	48.68	15.21	0.92	15.33	20.59	24.82	88.72	89.64
80	6/8/2011 09:05:41	NORTH	15.90	7.06	11.74	148.04	109.02	5.55	15.90	22.97	34.71	291.77	297.32
81	6/8/2011 09:06:51	NORTH	16.78	8.10	17.91	254.26	170.06	4.16	16.78	24.88	42.80	467.11	471.27
82	6/8/2011 09:08:01	NORTH	17.21	10.06	31.88	482.38	404.66	22.19	17.21	27.27	59.15	946.20	968.39
83	6/8/2011 09:09:11	NORTH	16.82	5.85	5.21	55.70	9.95	0.46	16.82	22.67	27.88	93.53	93.99
84	6/8/2011 09:10:21	NORTH	15.55	5.80	5.20	60.53	35.10	3.70	15.55	21.15	26.34	121.98	125.67
85	6/8/2011 09:11:31	NORTH	15.36	4.97	2.37	20.11	2.34	0.92	15.36	20.33	22.70	45.15	46.07
86	6/8/2011 09:12:41	NORTH	15.47	5.11	2.74	25.47	3.90	0.92	15.47	20.58	23.32	52.89	53.62
87	6/8/2011 09:13:51	NORTH	15.76	5.82	5.77	57.36	24.57	0.46	15.76	21.58	27.34	109.27	109.74
88	6/8/2011 09:17:17	NORTHEAS	15.19	6.21	12.29	242.34	456.54	61.48	15.19	22.40	33.69	732.57	794.05
89	6/8/2011 09:18:27	NORTHEAS	14.76	7.57	23.02	473.82	858.08	104.47	14.76	22.34	45.35	1377.26	1481.74
90	6/8/2011 09:19:37	NORTHEAS	15.88	9.75	31.89	615.70	882.85	74.89	15.88	25.63	673.22	1556.08	1630.96

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
	Timestamp	Location (Name)	0.3 micron (ug/m <sup>3</sup> )	0.5 micron (ug/m <sup>3</sup> )	1.0 micron (ug/m <sup>3</sup> )	2.5 micron (ug/m <sup>3</sup> )	5.0 micron (ug/m <sup>3</sup> )	10.0 micron (ug/m <sup>3</sup> )	PM0.5 (ug/m <sup>3</sup> )	PM1.0 (ug/m <sup>3</sup> )	PM2.5 (ug/m <sup>3</sup> )	PM5.0 (ug/m <sup>3</sup> )	PM10.0 (ug/m <sup>3</sup> )	TPM (ug/m <sup>3</sup> )
6														
7														
91	6/8/2011 09:20:47	NORTHEAS	15.79	9.47	31.21	649.17	1191.18	198.78	15.79	25.26	56.48	705.65	1896.82	2095.60
92	6/8/2011 09:21:57	NORTHEAS	15.63	7.11	16.07	313.13	429.24	28.20	15.63	22.73	38.81	351.93	781.17	809.37
93	6/8/2011 09:23:07	NORTHEAS	15.11	5.57	7.97	138.66	171.23	22.65	15.11	20.67	28.64	167.30	338.53	361.18
94	6/8/2011 09:24:17	NORTHEAS	14.65	7.52	21.80	458.71	878.37	120.65	14.65	22.17	43.97	502.68	1381.05	1501.70
95	6/8/2011 09:25:27	NORTHEAS	14.62	8.65	29.39	620.72	1383.47	239.45	14.62	23.27	52.66	673.38	2056.85	2296.30
96	6/8/2011 09:26:37	NORTHEAS	14.64	9.93	34.61	699.36	1285.48	184.91	14.64	24.58	59.19	758.55	2024.03	2208.94
97	6/8/2011 09:27:47	NORTHEAS	13.78	12.31	57.10	1337.25	3372.27	355.95	13.78	26.09	83.19	1420.44	4792.71	5148.66
98	6/8/2011 09:30:09	NORTHEAS	13.85	8.14	32.68	863.76	1933.03	173.81	13.85	21.99	54.67	918.44	2851.47	3025.28
99	6/8/2011 09:31:19	NORTHEAS	14.84	10.70	40.32	795.41	1396.53	181.67	14.84	25.54	65.86	861.27	2257.80	2439.47
100	6/8/2011 09:32:29	NORTHEAS	14.12	8.04	26.84	530.87	742.44	79.51	14.12	22.16	49.00	579.87	1322.31	1401.82
101	6/8/2011 09:33:39	NORTHEAS	15.12	6.31	11.32	176.64	179.03	17.57	15.12	21.43	32.76	209.40	388.42	405.99
102	6/8/2011 09:34:49	NORTHEAS	15.20	8.17	13.40	174.57	144.51	17.10	15.20	23.30	35.70	210.26	354.77	371.88
103	6/8/2011 09:35:59	NORTHEAS	15.12	7.20	18.42	230.56	224.08	17.10	15.12	22.39	41.81	272.37	496.45	513.55
104	6/8/2011 09:37:09	NORTHEAS	14.93	7.22	13.87	175.88	144.12	18.03	14.93	22.15	36.02	211.90	356.02	374.05
105	6/8/2011 09:38:19	NORTHEAS	15.83	10.67	25.92	301.96	225.44	46.23	15.83	26.51	52.42	354.39	579.83	626.06
106	6/8/2011 09:39:29	NORTHEAS	14.70	7.34	15.44	204.06	161.48	17.10	14.70	22.04	37.48	241.54	403.02	420.12
107	6/8/2011 09:40:39	NORTHEAS	14.44	17.06	72.67	1307.09	1615.73	96.15	14.44	31.50	104.18	1411.27	3027.00	3123.16
108	6/8/2011 09:44:29	NORTHWES	14.37	4.80	3.06	35.59	21.06	11.09	14.37	19.17	22.23	57.82	78.88	89.97
109	6/8/2011 09:45:39	NORTHWES	14.86	4.98	3.11	32.13	5.66	0.00	14.86	19.84	22.95	55.08	60.74	60.74
110	6/8/2011 09:46:49	NORTHWES	14.82	4.99	3.47	39.30	15.02	3.24	14.82	19.81	23.27	62.57	77.59	80.82
111	6/8/2011 09:47:59	NORTHWES	14.57	4.88	3.48	39.13	9.75	1.85	14.57	19.45	22.92	62.05	71.80	73.65
112	6/8/2011 09:49:09	NORTHWES	14.59	4.79	3.18	35.20	8.19	1.85	14.59	19.38	22.55	57.75	65.94	67.79
113	6/8/2011 09:50:19	NORTHWES	14.46	4.92	4.64	61.36	12.09	0.46	14.46	19.38	24.02	85.37	97.46	97.93
114	6/8/2011 09:51:29	NORTHWES	14.82	4.83	3.79	46.76	46.41	11.09	14.82	19.65	23.44	70.20	116.61	127.71
115	6/8/2011 09:52:39	NORTHWES	14.44	4.86	3.40	33.15	13.85	5.08	14.44	19.30	22.70	55.85	69.70	74.79
116	6/8/2011 09:53:49	NORTHWES	14.46	4.73	2.69	23.21	4.29	1.85	14.46	19.19	21.88	45.08	49.37	51.22
117	6/8/2011 09:54:59	NORTHWES	14.54	4.76	3.04	28.52	2.54	0.00	14.54	19.30	22.33	50.86	53.39	53.39
118	6/8/2011 10:14:13	SOUTHEAS	14.66	4.56	2.95	35.47	17.94	2.77	14.66	19.22	22.17	57.64	75.58	78.36
119	6/8/2011 10:15:23	SOUTHEAS	14.55	4.48	2.92	35.49	20.87	0.92	14.55	19.02	21.95	57.44	78.31	79.23
120	6/8/2011 10:16:33	SOUTHEAS	14.42	4.46	2.79	33.71	14.24	0.92	14.42	18.87	21.67	55.38	69.62	70.54
121	6/8/2011 10:17:43	SOUTHEAS	14.47	4.62	3.03	33.71	17.55	1.39	14.47	19.09	22.12	55.84	73.39	74.78
122	6/8/2011 10:18:53	SOUTHEAS	14.63	4.73	3.05	32.11	15.60	0.00	14.63	19.36	22.42	54.52	70.12	70.12
123	6/8/2011 10:20:03	SOUTHEAS	14.56	4.57	3.03	36.66	26.52	1.85	14.56	19.13	22.16	58.82	85.34	87.19
124	6/8/2011 10:21:13	SOUTHEAS	14.34	4.60	2.84	33.84	18.72	0.46	14.34	18.94	21.78	55.62	74.34	74.80
125	6/8/2011 10:22:23	SOUTHEAS	14.31	4.64	2.84	34.62	17.36	0.46	14.31	18.95	21.79	56.41	73.76	74.23
126	6/8/2011 10:23:33	SOUTHEAS	14.34	4.59	2.79	35.76	17.16	0.00	14.34	18.93	21.73	57.49	74.65	74.65
127	6/8/2011 10:24:43	SOUTHEAS	14.28	4.45	2.96	35.40	16.58	0.46	14.28	18.74	21.70	57.09	73.67	74.13
128	6/8/2011 11:19:24	NORTHWES	13.86	4.32	3.03	29.45	8.00	1.85	13.86	18.18	21.21	50.65	58.65	60.50
129	6/8/2011 11:20:34	NORTHWES	13.85	4.37	3.28	34.15	5.07	0.46	13.85	18.22	21.50	55.65	60.72	61.19
130	6/8/2011 11:21:44	NORTHWES	14.26	4.77	4.29	50.36	13.26	0.00	14.26	19.03	23.33	73.69	86.95	86.95
131	6/8/2011 11:22:54	NORTHWES	14.62	4.93	4.63	51.22	7.80	0.00	14.62	19.55	24.18	75.40	83.20	83.20
132	6/8/2011 11:24:04	NORTHWES	14.07	4.52	3.46	40.34	10.14	0.00	14.07	18.58	22.04	62.39	72.53	72.53
133	6/8/2011 11:25:14	NORTHWES	13.91	4.49	2.82	30.08	3.71	0.00	13.91	18.40	21.23	51.31	55.01	55.01
134	6/8/2011 11:26:24	NORTHWES	13.60	4.31	3.00	30.69	6.24	0.92	13.60	17.91	20.91	51.60	57.84	58.77

ID	A		B	C		D	E		F	G	H	I	J	K	L	M	N
	Timestamp	Location (Name)		0.3 micron (ug/m <sup>3</sup> )	0.5 micron (ug/m <sup>3</sup> )		1.0 micron (ug/m <sup>3</sup> )	2.5 micron (ug/m <sup>3</sup> )									
6																	
7																	
135	6/8/2011 11:27:34	NORTHWES	13.40	4.23	3.10	32.37	3.71	12.68	17.63	13.40	0.46	13.40	17.63	20.73	53.11	56.81	57.27
136	6/8/2011 11:28:44	NORTHWES	13.32	4.41	4.14	55.12	12.68	14.63	17.73	13.32	0.46	13.32	17.73	21.87	76.99	89.66	90.12
137	6/8/2011 11:29:54	NORTHWES	13.28	4.36	4.12	52.53	14.63	17.47	17.64	13.28	1.85	13.28	17.64	21.77	74.30	88.93	90.78
138	6/8/2011 11:34:49	NORTHEAS	15.22	5.90	11.06	171.47	120.13	14.43	21.12	15.22	4.16	15.22	21.12	32.18	203.65	323.78	327.94
139	6/8/2011 11:35:59	NORTHEAS	13.43	4.21	3.20	39.30	14.43	105.70	17.64	13.43	1.85	13.43	17.64	20.83	60.13	74.56	76.41
140	6/8/2011 11:37:09	NORTHEAS	15.82	9.85	29.99	383.19	105.70	248.33	20.48	15.82	4.16	15.82	20.48	55.67	438.86	544.56	548.72
141	6/8/2011 11:38:19	NORTHEAS	13.94	6.54	16.21	248.33	101.80	288.09	25.67	13.94	2.77	13.94	25.67	36.69	285.03	386.83	389.60
142	6/8/2011 11:39:29	NORTHEAS	15.49	8.03	24.84	288.09	119.74	268.57	23.52	15.49	55.93	15.49	23.52	48.36	336.45	456.19	512.13
143	6/8/2011 11:40:39	NORTHEAS	15.96	6.86	18.89	268.57	58.90	243.85	22.82	15.96	5.55	15.96	22.82	41.71	310.27	389.17	374.72
144	6/8/2011 11:41:49	NORTHEAS	14.22	6.70	17.49	243.85	55.78	192.53	20.93	14.22	5.08	14.22	20.93	38.42	282.26	338.04	343.13
145	6/8/2011 11:42:59	NORTHEAS	13.85	6.02	15.99	192.53	15.99	175.79	19.87	13.85	1.39	13.85	19.87	35.86	228.39	244.39	245.77
146	6/8/2011 11:44:09	NORTHEAS	13.03	5.20	11.90	175.79	53.83	37.44	18.23	13.03	9.71	13.03	18.23	30.13	205.91	259.74	269.45
147	6/8/2011 11:45:19	NORTHEAS	13.36	4.80	7.54	107.50	34.91	173.59	18.15	13.36	7.40	13.36	18.15	25.70	133.20	168.11	175.51
148	6/8/2011 11:48:44	NORTH	13.24	4.19	3.78	37.44	10.73	65.82	17.42	13.24	7.40	13.24	17.42	21.20	58.65	69.37	76.77
149	6/8/2011 11:51:16	NORTH	13.31	4.98	9.46	173.59	175.91	35.49	32.36	13.31	32.36	13.31	32.36	27.75	201.34	377.25	409.61
150	6/8/2011 11:52:26	NORTH	13.63	4.73	6.22	65.82	12.29	144.63	18.35	13.63	4.16	13.63	18.35	24.57	90.39	102.67	106.83
151	6/8/2011 11:53:36	NORTH	13.50	5.10	9.19	144.63	64.94	35.49	18.60	13.50	3.70	13.50	18.60	27.79	172.43	237.37	241.06
152	6/8/2011 11:54:46	NORTH	13.46	4.21	3.99	35.49	3.12	32.08	17.67	13.46	0.46	13.46	17.67	21.66	57.15	60.27	66.73
153	6/8/2011 11:55:56	NORTH	13.26	4.13	3.54	32.08	9.75	106.53	16.70	13.26	3.24	13.26	16.70	20.93	53.02	62.77	66.00
154	6/8/2011 11:57:06	NORTH	13.51	4.72	7.45	106.53	52.27	37.44	18.23	13.51	9.25	13.51	18.23	25.68	132.21	184.47	193.72
155	6/8/2011 11:58:16	NORTH	13.15	5.44	14.51	230.78	119.55	75.50	18.59	13.15	31.90	13.15	18.59	33.10	263.88	383.42	415.32
156	6/8/2011 11:59:26	NORTH	12.86	4.41	6.56	75.50	10.73	39.93	17.27	12.86	2.31	12.86	17.27	23.83	99.32	110.05	112.36
157	6/8/2011 12:00:36	NORTH	12.81	3.89	3.81	39.93	5.85	45.46	16.70	12.81	2.77	12.81	16.70	20.51	60.44	66.29	69.06
158	6/8/2011 12:01:46	NORTH	12.88	4.21	5.33	57.41	33.15	57.41	17.09	12.88	6.47	12.88	17.09	22.42	79.83	112.98	119.45
159	6/8/2011 12:02:59	NORTH	13.19	4.28	4.96	45.46	5.85	39.93	17.46	13.19	2.77	13.19	17.46	22.43	67.89	73.74	76.52
160	6/8/2011 12:04:09	NORTH	12.46	3.91	4.94	52.44	23.99	162.65	16.37	12.46	10.63	12.46	16.37	21.31	73.75	97.74	108.37
161	6/8/2011 12:05:19	NORTH	12.69	5.40	14.48	162.65	43.10	39.61	18.09	12.69	8.32	12.69	18.09	32.57	195.22	238.32	246.64
162	6/8/2011 12:06:29	NORTH	12.49	3.86	4.09	39.61	6.44	65.38	16.35	12.49	2.31	12.49	16.35	20.44	60.05	66.48	68.80
163	6/8/2011 12:07:39	NORTH	13.62	4.57	5.76	65.38	15.60	38.64	18.19	13.62	3.70	13.62	18.19	23.95	89.33	104.93	108.63
164	6/8/2011 12:08:49	NORTH	12.31	3.85	4.20	38.64	8.00	31.52	16.17	12.31	2.31	12.31	16.17	20.37	59.01	67.00	69.32
165	6/8/2011 12:09:59	NORTH	12.63	4.23	4.07	31.52	2.73	45.46	16.86	12.63	0.92	12.63	16.86	20.93	52.45	55.19	56.11
166	6/8/2011 12:11:09	NORTH	12.48	3.97	3.98	33.62	6.63	20.45	16.45	12.48	0.92	12.48	16.45	20.44	54.05	60.68	61.61
167	6/8/2011 12:12:19	NORTH	12.36	3.60	2.38	20.45	0.39	31.86	15.96	12.36	0.00	12.36	15.96	18.34	38.79	39.18	39.18
168	6/8/2011 12:13:29	NORTH	12.48	3.82	3.19	31.86	4.49	32.37	16.30	12.48	0.92	12.48	16.30	19.49	51.35	55.84	56.76
169	6/8/2011 13:05:00	NORTH	13.48	3.96	3.51	32.37	4.29	44.61	17.44	13.48	0.92	13.48	17.44	20.94	53.32	57.61	58.53
170	6/8/2011 13:06:10	NORTH	13.43	4.15	4.71	44.61	8.78	31.32	17.58	13.43	2.77	13.43	17.58	22.29	66.90	75.68	78.45
171	6/8/2011 13:07:20	NORTH	13.49	4.13	3.82	31.32	2.93	45.46	17.62	13.49	0.46	13.49	17.62	21.43	52.76	55.68	56.15
172	6/8/2011 13:08:30	NORTH	14.54	5.46	9.70	117.35	76.84	109.24	20.00	14.54	15.25	14.54	20.00	29.71	147.06	223.90	239.15
173	6/8/2011 13:09:40	NORTH	14.14	4.93	9.25	109.24	55.58	76.42	19.08	14.14	5.55	14.14	19.08	28.33	137.56	193.14	198.09
174	6/8/2011 13:10:50	NORTH	14.18	4.81	7.43	76.42	20.67	107.75	18.99	14.18	2.31	14.18	18.99	26.43	102.85	123.52	125.83
175	6/8/2011 13:12:00	NORTH	15.06	4.62	6.87	107.75	71.18	35.83	19.68	15.06	8.78	15.06	19.68	26.56	134.30	205.49	214.27
176	6/8/2011 13:13:10	NORTH	13.14	3.93	3.45	35.83	7.80	24.43	17.07	13.14	0.00	13.14	17.07	20.52	56.35	64.16	64.16
177	6/8/2011 13:14:20	NORTH	12.96	3.76	2.92	24.43	2.93	30.33	16.73	12.96	0.00	12.96	16.73	19.54	43.97	46.89	46.89
178	6/8/2011 13:15:30	NORTH	12.89	3.85	3.24	30.33	3.90	32.43	16.73	12.89	0.00	12.89	16.73	19.97	50.30	54.20	54.20

	A	B	G	D	E	F	G	H	I	J	K	L	M	N
	Timestamp	Location (Name)	0.3 micron (ug/m <sup>3</sup> )	0.5 micron (ug/m <sup>3</sup> )	1.0 micron (ug/m <sup>3</sup> )	2.5 micron (ug/m <sup>3</sup> )	5.0 micron (ug/m <sup>3</sup> )	10.0 micron (ug/m <sup>3</sup> )	PM0.5 (ug/m <sup>3</sup> )	PM1.0 (ug/m <sup>3</sup> )	PM2.5 (ug/m <sup>3</sup> )	PM5.0 (ug/m <sup>3</sup> )	PM10.0 (ug/m <sup>3</sup> )	TPM (ug/m <sup>3</sup> )
6	179	6/8/2011 13:16:29	NORTHWES	12.80	3.96	2.96	25.91	11.90	2.77	12.80	16.76	45.64	57.54	60.31
7	180	6/8/2011 13:19:39	NORTHWES	12.74	3.76	2.93	24.99	2.93	0.00	12.74	16.50	44.42	47.35	47.35
	181	6/8/2011 13:20:49	NORTHWES	12.58	3.57	2.31	19.01	1.56	0.00	12.58	16.15	37.48	39.04	39.04
	182	6/8/2011 13:21:59	NORTHWES	13.00	4.05	3.57	33.54	3.71	0.00	13.00	17.06	20.63	57.88	57.88
	183	6/8/2011 13:23:09	NORTHWES	12.82	3.84	3.44	37.54	6.24	0.00	12.82	16.66	20.10	63.88	63.88
	184	6/8/2011 13:24:19	NORTHWES	12.67	3.64	2.96	27.69	2.54	0.00	12.67	16.31	19.28	49.50	49.50
	185	6/8/2011 13:25:29	NORTHWES	12.46	3.51	2.10	14.58	1.17	0.00	12.46	15.97	18.06	33.81	33.81
	186	6/8/2011 13:26:39	NORTHWES	12.50	3.57	2.92	25.82	3.12	0.00	12.50	16.07	19.00	47.93	47.93
	187	6/8/2011 13:27:49	NORTHWES	12.45	3.66	3.20	34.76	3.32	0.00	12.45	16.11	19.31	57.39	57.39
	188	6/8/2011 13:28:59	NORTHWES	12.31	3.50	2.30	19.48	0.98	0.00	12.31	15.81	18.10	38.56	38.56
	189	6/8/2011 13:30:27	SOUTHWES	12.11	3.75	4.67	80.15	36.86	3.70	12.11	15.85	20.52	137.53	141.23
	190	6/8/2011 13:40:37	SOUTHWES	12.29	3.56	2.78	36.44	18.33	0.92	12.29	15.86	18.64	73.41	74.34
	191	6/8/2011 13:41:47	SOUTHWES	12.27	3.63	2.80	29.69	14.63	1.85	12.27	15.90	18.53	62.85	64.69
	192	6/8/2011 13:42:57	SOUTHWES	12.42	3.73	2.63	30.23	15.80	0.92	12.42	16.15	18.95	64.98	65.90
	193	6/8/2011 13:44:07	SOUTHWES	12.52	3.91	3.36	43.59	23.99	0.92	12.52	16.43	19.79	87.36	88.29
	194	6/8/2011 13:45:17	SOUTHWES	12.54	3.87	3.04	38.10	14.63	0.46	12.54	16.41	19.45	72.18	72.64
	195	6/8/2011 13:46:27	SOUTHWES	12.31	3.64	2.41	26.06	8.97	0.92	12.31	15.95	18.36	53.39	54.31
	196	6/8/2011 13:47:37	SOUTHWES	12.28	3.65	2.37	25.55	8.39	1.39	12.28	15.93	18.30	52.23	53.62
	197	6/8/2011 13:48:47	SOUTHWES	12.42	3.73	2.09	22.99	7.22	1.85	12.42	16.16	18.25	48.45	50.30
	198	6/8/2011 13:49:57	SOUTHWES	12.51	3.77	2.69	31.86	10.53	0.46	12.51	16.27	18.96	61.36	61.92
	199	6/8/2011 13:53:46	EAST	12.37	3.83	3.45	47.39	13.26	0.00	12.37	16.20	19.85	80.30	80.30
	200	6/8/2011 13:54:56	EAST	12.23	3.71	2.97	36.22	9.17	0.00	12.23	15.93	18.90	66.29	66.29
	201	6/8/2011 13:56:06	EAST	12.11	3.57	2.20	23.57	8.19	0.00	12.11	15.68	17.87	49.64	49.64
	202	6/8/2011 13:57:16	EAST	12.20	3.56	2.21	21.77	4.10	0.00	12.20	15.76	17.97	43.84	43.84
	203	6/8/2011 13:58:26	EAST	12.18	3.55	2.24	20.94	1.76	0.46	12.18	15.72	17.96	40.66	41.12
	204	6/8/2011 13:59:36	EAST	12.10	3.65	2.77	32.08	5.85	0.92	12.10	15.75	18.52	50.61	57.38
	205	6/8/2011 14:00:46	EAST	12.21	3.73	2.44	30.20	15.99	8.32	12.21	15.94	18.38	64.57	72.89
	206	6/8/2011 14:01:56	EAST	12.31	3.69	2.39	27.11	6.63	0.46	12.31	16.00	18.39	52.13	52.59
	207	6/8/2011 14:03:06	EAST	12.48	3.95	3.03	37.49	10.53	0.00	12.48	16.43	19.46	67.49	67.49
	208	6/8/2011 14:04:16	EAST	12.37	3.88	2.77	28.42	8.19	0.00	12.37	16.25	19.02	55.64	55.64
	209	6/8/2011 14:18:22	NORTHWES	11.74	3.54	2.53	24.16	2.93	1.39	11.74	15.29	17.82	44.90	46.29
	210	6/8/2011 14:19:32	NORTHWES	11.80	3.58	3.00	31.13	4.88	0.92	11.80	15.39	18.38	54.39	55.31
	211	6/8/2011 14:20:42	NORTHWES	11.85	3.84	4.87	59.90	7.41	0.00	11.85	15.69	20.56	87.87	87.87
	212	6/8/2011 14:21:52	NORTHWES	11.85	3.58	2.74	28.77	2.73	0.46	11.85	15.43	18.16	49.66	50.12
	213	6/8/2011 14:23:02	NORTHWES	11.97	3.60	2.25	21.60	2.15	0.00	11.97	15.57	17.82	41.56	41.56
	214	6/8/2011 14:24:12	NORTHWES	11.88	3.60	2.70	29.20	3.90	0.46	11.88	15.49	18.19	51.29	51.75
	215	6/8/2011 14:25:22	NORTHWES	11.99	3.70	2.46	22.74	1.37	0.00	11.99	15.69	18.15	42.26	42.26
	216	6/8/2011 14:26:32	NORTHWES	11.92	3.68	2.89	26.40	4.10	0.46	11.92	15.61	18.50	48.99	49.46
	217	6/8/2011 14:27:42	NORTHWES	11.83	3.93	4.03	43.03	3.90	0.92	11.83	15.76	19.79	66.72	67.64
	218	6/8/2011 14:28:52	NORTHWES	12.16	4.09	4.04	48.71	11.31	1.39	12.16	16.25	20.29	80.31	81.70
	219	6/8/2011 14:35:27	NORTHEAS	11.84	4.33	7.78	141.00	76.84	1.85	11.84	16.17	23.95	241.79	243.64
	220	6/8/2011 14:36:37	NORTHEAS	12.10	3.66	2.77	27.89	5.46	0.00	12.10	15.76	18.53	51.88	51.88
	221	6/8/2011 14:37:47	NORTHEAS	12.15	3.97	4.41	61.16	18.53	0.00	12.15	16.12	20.53	100.22	100.22
	222	6/8/2011 14:38:57	NORTHEAS	12.79	4.50	6.34	96.97	63.58	3.70	12.79	17.30	23.64	184.18	187.88

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
	Timestamp	Location (Name)	0.3 micron (ug/m <sup>3</sup> )	0.5 micron (ug/m <sup>3</sup> )	1.0 micron (ug/m <sup>3</sup> )	2.5 micron (ug/m <sup>3</sup> )	5.0 micron (ug/m <sup>3</sup> )	10.0 micron (ug/m <sup>3</sup> )	PM0.5 (ug/m <sup>3</sup> )	PM1.0 (ug/m <sup>3</sup> )	PM2.5 (ug/m <sup>3</sup> )	PM5.0 (ug/m <sup>3</sup> )	PM10.0 (ug/m <sup>3</sup> )	TPM (ug/m <sup>3</sup> )
223	6/8/2011 14:40:07	NORTHEAS	12.49	4.64	7.03	101.00	58.12	1.39	12.49	17.13	24.16	125.16	183.27	184.86
224	6/8/2011 14:41:17	NORTHEAS	12.59	4.04	4.04	54.31	21.65	0.92	12.59	16.63	20.87	74.98	96.63	97.55
225	6/8/2011 14:42:27	NORTHEAS	12.76	3.99	2.76	27.72	9.17	0.00	12.76	16.75	19.51	47.22	56.39	56.39
226	6/8/2011 14:43:37	NORTHEAS	12.43	3.74	2.57	28.50	6.83	0.46	12.43	16.16	18.73	47.23	54.06	54.52
227	6/8/2011 14:44:47	NORTHEAS	12.39	3.76	2.41	24.55	4.88	0.46	12.39	16.16	18.56	43.11	47.99	48.45
228	6/8/2011 14:45:57	NORTHEAS	12.67	4.28	5.12	89.61	70.60	4.16	12.67	16.95	22.07	111.68	182.28	186.44
229	6/8/2011 14:50:45	JAILENTR	12.26	4.06	5.08	58.63	7.22	1.39	12.26	16.32	21.40	80.02	87.24	88.63
230	6/8/2011 14:51:55	JAILENTR	12.33	5.37	15.21	274.10	105.51	8.78	12.33	17.70	32.91	307.01	412.52	421.30
231	6/8/2011 14:53:05	JAILENTR	12.41	4.96	11.90	169.20	57.92	16.64	12.41	17.38	29.28	198.48	256.40	273.05
232	6/8/2011 14:54:15	JAILENTR	12.71	5.98	17.44	281.92	126.57	8.78	12.71	18.69	36.13	318.06	444.62	453.41
233	6/8/2011 14:55:25	JAILENTR	12.55	4.06	4.45	48.02	4.29	0.46	12.55	16.61	21.06	69.08	73.37	73.94
234	6/8/2011 14:56:35	JAILENTR	12.81	5.10	12.10	213.64	59.48	6.01	12.81	17.91	30.00	243.65	303.13	309.14
235	6/8/2011 14:57:45	JAILENTR	12.83	4.63	8.02	147.97	146.85	6.93	12.83	17.46	25.48	173.45	320.30	327.24
236	6/8/2011 14:58:55	JAILENTR	12.59	4.92	10.73	205.14	84.83	2.31	12.59	17.52	28.24	233.38	318.21	320.52
237	6/8/2011 15:00:05	JAILENTR	12.71	3.90	3.32	46.59	17.75	0.92	12.71	16.62	19.93	66.52	84.27	85.19
238	6/8/2011 15:01:15	JAILENTR	12.53	3.77	2.82	28.74	4.68	0.46	12.53	16.30	18.92	47.66	52.34	52.80
239	6/8/2011 15:04:05	NORTH	13.68	11.25	58.88	1377.20	1832.21	106.78	13.68	24.92	83.80	1461.00	3293.21	3399.99
240	6/8/2011 15:05:15	NORTH	11.89	9.97	46.24	1071.80	1502.43	129.90	11.89	21.87	68.10	1139.91	2642.33	2772.23
241	6/8/2011 15:06:25	NORTH	13.49	7.45	20.47	383.41	403.49	35.13	13.49	20.94	41.41	424.82	828.32	863.45
242	6/8/2011 15:07:35	NORTH	15.58	7.82	20.69	356.20	330.75	30.97	15.58	23.40	44.09	400.29	731.04	762.02
243	6/8/2011 15:08:45	NORTH	14.90	8.80	20.20	229.51	99.85	5.08	14.90	23.69	43.89	273.40	373.25	376.34
244	6/8/2011 15:09:55	NORTH	13.62	7.83	20.99	321.95	231.10	17.10	13.62	21.45	42.44	364.39	595.49	612.60
245	6/8/2011 15:11:05	NORTH	14.00	17.15	66.77	1047.23	1162.90	109.56	14.00	31.14	97.91	1145.14	2308.04	2417.60
246	6/8/2011 15:12:15	NORTH	13.65	5.99	13.47	219.64	119.16	5.55	13.65	19.64	33.11	252.75	371.90	377.45
247	6/8/2011 15:13:25	NORTH	12.68	14.52	70.37	1443.65	1441.00	75.81	12.68	27.20	97.57	1541.23	2982.22	3058.04
248	6/8/2011 15:14:35	NORTH	14.31	7.82	19.14	251.23	104.73	5.08	14.31	22.13	41.26	292.50	397.22	402.31
249	6/8/2011 15:16:13	NORTH	14.26	6.52	15.03	259.08	289.02	46.69	14.26	20.78	35.81	294.90	583.91	630.60
250	6/8/2011 15:17:23	NORTH	14.07	7.32	20.69	407.22	406.42	26.35	14.07	21.39	42.08	449.30	855.72	882.07
251	6/8/2011 15:18:33	NORTH	12.78	4.71	6.56	87.15	45.83	6.47	12.78	17.49	24.05	111.20	157.02	163.50
252	6/8/2011 15:19:43	NORTH	12.58	4.49	7.06	106.24	22.23	3.24	12.58	17.07	24.13	130.37	152.60	155.84
253	6/8/2011 15:20:53	NORTH	12.98	4.65	7.13	112.33	68.26	0.46	12.98	17.63	24.76	137.09	205.35	205.81
254	6/8/2011 15:22:03	NORTH	14.39	5.00	5.95	62.67	17.75	1.39	14.39	19.38	25.33	88.01	105.75	107.14
255	6/8/2011 15:23:13	NORTH	13.50	5.41	10.90	202.14	153.87	19.42	13.50	18.91	29.81	231.94	385.81	405.23
256	6/8/2011 15:24:23	NORTH	12.61	13.15	67.48	1536.90	2215.61	168.27	12.61	25.76	93.24	1630.14	3845.75	4014.02
257	6/8/2011 15:25:33	NORTH	13.47	7.69	27.32	638.10	614.12	28.66	13.47	20.30	48.48	686.58	1300.70	1329.36
258	6/8/2011 15:26:43	NORTH	13.32	6.98	22.08	449.45	765.65	114.64	13.32	21.16	42.38	491.83	1257.47	1372.11
259	6/8/2011 15:27:53	SOUTHWES	12.28	3.94	3.54	54.48	26.13	7.86	12.28	16.22	19.76	74.24	100.37	108.23
260	6/8/2011 15:34:07	SOUTHWES	12.33	3.81	2.75	32.89	11.70	0.46	12.33	16.15	18.90	51.78	63.48	63.95
261	6/8/2011 15:35:17	SOUTHWES	12.36	3.79	2.42	28.59	7.61	0.46	12.36	16.16	18.58	47.18	54.78	55.24
262	6/8/2011 15:36:27	SOUTHWES	12.37	3.79	2.50	29.30	8.00	0.46	12.37	16.17	18.67	47.97	55.97	56.43
263	6/8/2011 15:37:37	SOUTHWES	12.34	4.77	9.39	141.29	145.87	14.79	12.34	17.10	26.49	167.78	313.86	328.45
264	6/8/2011 15:38:47	SOUTHWES	12.33	3.75	2.41	28.94	10.34	1.39	12.33	16.08	18.49	47.43	57.76	59.15
265	6/8/2011 15:39:57	SOUTHWES	12.35	3.80	2.36	25.60	5.27	1.39	12.35	16.15	18.50	44.10	49.37	50.75
266	6/8/2011 15:41:07	SOUTHWES	12.34	3.79	2.34	24.18	8.00	1.85	12.34	16.13	18.47	42.65	50.65	52.49

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
6	Timestamp	Location (Name)	0.3 micron (ug/m <sup>3</sup> )	0.5 micron (ug/m <sup>3</sup> )	1.0 micron (ug/m <sup>3</sup> )	2.5 micron (ug/m <sup>3</sup> )	5.0 micron (ug/m <sup>3</sup> )	10.0 micron (ug/m <sup>3</sup> )	PM0.5 (ug/m <sup>3</sup> )	PM1.0 (ug/m <sup>3</sup> )	PM2.5 (ug/m <sup>3</sup> )	PM5.0 (ug/m <sup>3</sup> )	PM10.0 (ug/m <sup>3</sup> )	TPM (ug/m <sup>3</sup> )
7	6/8/2011 15:42:17	SOUTHWES	12.30	3.84	2.21	23.43	9.95	1.85	12.30	16.14	18.35	41.78	51.72	53.57
268	6/8/2011 15:43:27	SOUTHWES	12.33	3.79	2.32	28.33	8.00	0.00	12.33	16.12	18.43	46.76	54.76	54.76
269	6/8/2011 15:46:56	EAST	12.18	3.75	2.61	25.16	9.17	2.31	12.18	15.94	18.55	43.71	52.87	55.19
270	6/8/2011 15:48:06	EAST	12.30	3.78	1.95	17.55	2.34	0.92	12.30	16.08	18.03	35.58	37.92	38.85
271	6/8/2011 15:49:16	EAST	12.33	3.83	2.21	17.80	2.93	0.92	12.33	16.16	18.37	36.16	39.09	40.01
272	6/8/2011 15:50:26	EAST	12.21	3.97	3.79	43.59	47.78	15.25	12.21	16.18	19.97	63.55	111.33	126.59
273	6/8/2011 15:51:36	EAST	12.28	4.08	4.37	57.36	11.90	0.92	12.28	16.36	20.73	78.09	89.99	90.91
274	6/8/2011 15:52:46	EAST	12.39	3.92	2.26	23.94	4.29	0.92	12.39	16.30	18.57	42.50	46.79	47.72
275	6/8/2011 15:53:56	EAST	12.36	3.84	1.83	17.77	6.05	2.77	12.36	16.21	18.03	35.81	41.85	44.62
276	6/8/2011 15:55:06	EAST	12.47	3.97	2.07	18.87	1.95	0.00	12.47	16.44	18.51	37.37	39.32	39.32
277		Average	14.15	5.45	8.61	136.07	143.55	14.60	14.15	19.60	28.21	164.28	307.83	322.43
278		Maximum	18.76	17.42	72.67	1536.90	3372.27	355.95	18.76	36.18	104.18	1630.14	4792.71	5148.66
279		Minimum	11.74	3.50	1.83	14.58	0.39	0.00	11.74	15.29	17.82	32.64	33.81	33.81
280		Standard Deviation	1.69	2.18	11.90	241.68	397.05	41.92	1.69	3.31	14.28	255.19	640.68	678.93



Studebaker Phase IV  
Demolition - Area "A"  
Engineering Building

Wind Direction	FORMATTED DATE-TIME YYYY-MM-DD HH:MM:SS	Direction Mag	Windspeed mph	Temperature Â°F	Relative Humidity %	Heat Index Â°F	Barometric Pressure inHg	Altitude ft
SW	6/8/2011 6:40	43	3.6	79.6	62.9	81.5	29.07	787
SW	6/8/2011 6:41	58	1.4	80.9	61.7	83.5	29.06	791
SW	6/8/2011 6:42	236	1.2	80.9	60.8	83.3	29.06	791
SW	6/8/2011 6:43	249	3	79.7	61.6	81.5	29.06	794
SW	6/8/2011 6:44	248	1.5	79.8	63.1	82	29.06	794
SW	6/8/2011 6:45	248	1.4	79.7	63.1	81.9	29.06	794
SW	6/8/2011 6:46	284	2.5	80.3	61.9	82.4	29.06	794
SW	6/8/2011 6:47	283	3.3	80.1	62.1	82.2	29.06	793
SW	6/8/2011 6:48	280	1.8	79.9	62	81.9	29.06	793
SW	6/8/2011 6:49	279	2	80	62.2	82.2	29.06	790
SW	6/8/2011 6:49	274	2.7	80	62.4	82.2	29.06	788
SW	6/8/2011 6:50	156	0.9	79.9	61.8	81.9	29.06	789
SW	6/8/2011 6:57	233	0.8	79.5	61.6	81.3	29.07	786
SW	6/8/2011 6:58	238	3.5	79	58.3	79.7	29.06	790
SW	6/8/2011 6:59	238	2.9	80.7	61.9	83.1	29.07	786
SW	6/8/2011 7:00	238	1.4	80.2	59.8	81.9	29.07	787
SW	6/8/2011 7:01	237	1.1	81.2	58	82.9	29.06	791
SW	6/8/2011 7:02	238	1.5	81.4	60.8	84	29.07	787
SW	6/8/2011 7:03	238	1.7	80.6	55.7	81.7	29.06	789
SW	6/8/2011 7:04	238	2.5	81	59.1	82.8	29.07	786
SW	6/8/2011 7:05	218	4	80.8	58.9	82.6	29.06	793
SW	6/8/2011 7:06	217	3.9	79.3	52.9	79.5	29.06	793
SW	6/8/2011 7:07	217	2.3	79.6	58.2	80.8	29.06	793
SW	6/8/2011 7:08	218	2.1	79.4	58.3	80.2	29.06	793
SW	6/8/2011 7:09	218	2.2	80	59	81.5	29.06	793
SW	6/8/2011 7:10	224	0	80	57.2	81.1	29.07	784
SW	6/8/2011 7:11	189	0	77.9	50.9	77.2	29.07	786
SW	6/8/2011 7:12	320	0	82.7	58.1	85.5	29.07	783
SW	6/8/2011 7:13	100	6.4	83.9	57.5	87.6	29.07	786
SW	6/8/2011 7:14	81	1.1	84.2	57.2	88.2	29.07	784

Studebaker Phase IV  
Demolition - Area "A"  
Engineering Building

Wind Direction	Formatted Date-Time	Direction Mag	Windspeed mph	Temperature °F	Relative Humidity %	Heat Index °F	Barametric Pressure inHg	Altitude ft
SW	6/8/2011 7:15	82	5.4	84.8	56.9	89.2	29.07	783
SW	6/8/2011 7:16	252	10	81.8	58.6	84.2	29.06	788
SW	6/8/2011 7:17	225	5.9	83.1	60.1	86.9	29.06	789
SW	6/8/2011 7:18	222	3.3	82.7	61.1	86.4	29.07	787
SW	6/8/2011 7:19	258	3.7	82.5	61.5	86.2	29.07	787
SW	6/8/2011 7:20	227	3	83.5	61.4	88	29.07	784
SW	6/8/2011 7:21	256	7.9	82.2	59.5	84.9	29.07	786
SW	6/8/2011 7:22	245	5.1	82.6	62.1	86.4	29.07	787
SW	6/8/2011 7:23	166	3.5	82.4	61.8	85.8	29.06	788
SW	6/8/2011 7:24	260	10.5	81.7	61.1	84.4	29.07	787
SW	6/8/2011 7:24	272	7.8	82.9	62.6	87.1	29.06	788
SW	6/8/2011 7:25	51	0	84.3	59.8	89.2	29.07	786
SW	6/8/2011 7:26	307	0	88.6	55.9	96.6	29.06	789
SW	6/8/2011 7:27	327	0	89.4	52.4	97	29.06	790
SW	6/8/2011 7:28	292	0	88.1	53	94.3	29.05	798
SW	6/8/2011 7:29	47	0	85.7	56.2	91	29.06	788
SW	6/8/2011 7:30	55	0	89.5	53	97.2	29.06	789
SW	6/8/2011 7:31	126	0	90.2	56.5	100.4	29.06	790
SW	6/8/2011 7:32	41	0	91.7	50.1	100.9	29.07	787
SW	6/8/2011 7:33	306	0	87.4	42.5	89.1	29.07	786
SW	6/8/2011 7:34	98	1.2	85.3	57.1	90.1	29.07	787
SW	6/8/2011 7:35	98	2.7	85.5	58.8	91.2	29.07	786
SW	6/8/2011 7:36	98	1.8	85.8	58.8	91.9	29.06	789
SW	6/8/2011 7:37	98	1.1	87.3	57.4	94.3	29.06	789
SW	6/8/2011 7:38	98	2.2	85	59.6	90.3	29.06	789
SW	6/8/2011 7:39	98	0.9	85.5	59.3	91.4	29.07	787
SW	6/8/2011 7:40	98	5.6	83.1	58.6	86.4	29.07	786
SW	6/8/2011 7:41	99	0.8	85.1	60.9	91.2	29.06	788
SW	6/8/2011 7:42	99	6.3	84.3	56.6	88	29.07	786
SW	6/8/2011 7:43	99	0.9	87.8	57.2	95.2	29.07	784
SW	6/8/2011 7:44	100	5.6	82.9	59.7	86.4	29.07	786

Studebaker Phase IV  
Demolition - Area "A"  
Engineering Building

Wind Direction	FORMATTED DATE-TIME YYYY-MM-DD HH:MM:SS	Direction Mag	Windspeed mph	Temperature Â°F	Relative Humidity %	Heat Index Â°F	Barametric Pressure inHg	Altitude ft
SW	6/8/2011 7:45	100	5.5	84.1	58.6	88.5	29.07	782
SW	6/8/2011 7:46	132	1.9	86.5	60.9	94.1	29.07	787
SW	6/8/2011 7:47	131	1.2	87.4	56.9	94.5	29.06	790
SW	6/8/2011 7:48	132	3.1	87.4	55.2	93.7	29.06	791
SW	6/8/2011 7:49	230	2	86	54.6	90.9	29.07	786
SW	6/8/2011 7:50	156	0	89.4	37.8	90.9	29.07	786
SW	6/8/2011 7:51	181	0	88.2	31.9	86.9	29.06	791
SW	6/8/2011 7:52	202	0	87.3	33.5	86.2	29.07	786
SW	6/8/2011 7:53	71	2.7	83.2	56.4	86.2	29.07	787
SW	6/8/2011 7:54	72	3.2	84.7	58.1	89.4	29.06	789
SW	6/8/2011 7:55	71	4.3	84.1	58.3	88.5	29.06	789
SW	6/8/2011 7:56	71	4.6	84	58.6	88.2	29.06	789
SW	6/8/2011 7:57	71	2.8	85.1	57.3	90	29.06	789
SW	6/8/2011 7:58	71	5.2	84.4	56	88.2	29.06	789
SW	6/8/2011 7:59	71	2.7	85.6	57.5	91	29.06	789
SW	6/8/2011 8:00	71	4.5	84.8	56.9	89.2	29.07	787
SW	6/8/2011 8:01	71	2.8	84.8	56.8	89.1	29.07	786
SW	6/8/2011 8:02	71	2.9	85.4	57.8	90.9	29.07	784
SW	6/8/2011 8:03	71	2.8	84.3	57.2	88.5	29.07	786
SW	6/8/2011 8:04	71	3.9	85.1	57.3	90	29.07	787
SW	6/8/2011 8:05	71	2.9	86.4	56.8	92.1	29.07	786
SW	6/8/2011 8:06	72	6.6	84.5	56.8	88.7	29.07	786
SW	6/8/2011 8:07	71	3.4	85.4	56.6	90.3	29.07	786
SW	6/8/2011 8:08	71	2.9	85	54.4	88.7	29.07	786
SW	6/8/2011 8:09	229	0	82.1	45.4	81.5	29.07	786
SW	6/8/2011 8:10	190	0	74.3	47.6	73	29.07	784
SW	6/8/2011 8:11	254	2.3	75.7	56.3	75.2	29.07	786
SW	6/8/2011 8:12	254	1.8	78.7	62.7	79.9	29.06	788
SW	6/8/2011 8:13	254	2.6	77.4	58.8	77.5	29.07	787
SW	6/8/2011 8:14	264	1.8	83.4	68.3	89.8	29.06	789
SW	6/8/2011 8:15	266	0	86.1	59.4	92.8	29.07	786

Studebaker Phase IV  
Demolition - Area "A"  
Engineering Building

Wind Direction	FORMATTED DATE-TIME YYYY-MM-DD HH:MM:SS	Direction Mag	Windspeed mph	Temperature °F	Relative Humidity %	Heat Index °F	Barometric Pressure inHg	Altitude ft
SW	6/8/2011 8:16	266	1.2	84.8	56.2	88.9	29.07	784
SW	6/8/2011 8:17	265	2	85.7	56.9	90.9	29.07	786
SW	6/8/2011 8:18	265	2.5	85.7	57.3	91	29.07	784
SW	6/8/2011 8:19	265	0	87.4	56.2	94.1	29.07	786
SW	6/8/2011 8:20	265	1.1	87.3	56.9	94.1	29.07	784
SW	6/8/2011 8:21	203	1.9	85.7	56.1	91	29.07	784
SW	6/8/2011 8:22	203	2.9	85.8	57.3	91.4	29.07	784
SW	6/8/2011 8:23	78	0	84.7	45.6	85.8	29.06	788
SW	6/8/2011 8:24	120	0	82.3	44.2	81.7	29.06	790
SW	6/8/2011 8:25	279	0	81.4	49.6	81.5	29.07	780
SW	6/8/2011 8:26	233	1.7	82.8	60.4	86.2	29.08	777
SW	6/8/2011 8:27	248	1.8	85.9	58.3	92.1	29.08	777
SW	6/8/2011 8:28	219	5.4	85.5	55	90	29.07	779
SW	6/8/2011 8:29	216	0	91.8	50.2	100.9	29.07	783
SW	6/8/2011 8:30	218	0	93	48	102.2	29.07	782
SW	6/8/2011 8:31	216	0	92.9	47	101.3	29.07	780
SW	6/8/2011 8:32	216	0	92.3	46.8	100	29.07	780
SW	6/8/2011 8:33	216	0	93.3	47.1	102.4	29.07	783
SW	6/8/2011 8:34	220	0	93.5	46.6	102.6	29.07	782
SW	6/8/2011 8:35	216	0	93.6	47.2	102.7	29.07	786
SW	6/8/2011 8:36	219	1	94.5	45.1	103.6	29.07	784
SW	6/8/2011 8:37	216	0	94	45.8	102.7	29.07	786
SW	6/8/2011 8:38	0	2	92.9	44.8	100	29.08	777
SW	6/8/2011 8:39	280	0	90.9	33.3	91.6	29.07	784
SW	6/8/2011 8:40	275	0	92.4	32.3	93.2	29.08	772
SW	6/8/2011 8:41	275	0	91	34.4	92.3	29.07	780
SW	6/8/2011 8:42	270	0	93.4	35	96.3	29.08	773
SW	6/8/2011 8:43	270	0	94.7	33.3	97.5	29.08	772
SW	6/8/2011 8:44	272	0	91.1	29.3	90.5	29.08	774
SW	6/8/2011 8:45	272	0	90.6	33.5	91.2	29.09	767
SW	6/8/2011 8:46	276	0	89.4	30.4	88.2	29.09	763

Studebaker Phase IV  
Demolition - Area "A"  
Engineering Building

Wind Direction	FORMATTED DATE-TIME YYYY-MM-DD HH:MM:SS	Direction Mag	Windspeed mph	Temperature °F	Relative Humidity %	Heat Index °F	Barametric Pressure inHg	Altitude ft
SW	6/8/2011 8:47	276	0	86.1	33.4	84.7	29.08	774
SW	6/8/2011 8:48	268	0	84.3	33.5	82.4	29.08	770
SW	6/8/2011 8:49	269	0	81.3	35.1	79	29.08	773
SW	6/8/2011 8:50	282	0	81.9	42.3	80.8	29.08	769
SW	6/8/2011 8:51	282	0	81	38.9	79.2	29.08	775
SW	6/8/2011 8:52	274	0	80.7	37	78.8	29.08	777
SW	6/8/2011 8:53	274	0	79.3	35.8	76.8	29.08	770
SW	6/8/2011 8:54	271	0	78.3	36.2	75.7	29.09	766
SW	6/8/2011 8:55	271	0	77.4	36.1	74.7	29.08	769
SW	6/8/2011 8:56	271	0	76.7	36	73.9	29.09	763
SW	6/8/2011 8:57	134	0	81.6	54.1	82.8	29.08	770
SW	6/8/2011 8:58	130	0	90.8	50.1	99	29.08	769
SW	6/8/2011 8:59	130	1.1	91.3	46	97.5	29.08	772
SW	6/8/2011 9:00	131	2.3	90.3	45	95.4	29.08	770
SW	6/8/2011 9:01	130	0	91.7	52.9	102.4	29.08	770
SW	6/8/2011 9:02	131	0.8	91.8	48.5	99.9	29.08	772
SW	6/8/2011 9:03	130	2.4	85.1	50.1	87.8	29.08	775
SW	6/8/2011 9:04	132	0	91.9	49	100.6	29.09	768
SW	6/8/2011 9:05	130	0.9	90.8	49.6	98.8	29.08	770
SW	6/8/2011 9:06	131	0	92.8	48.3	102	29.09	767
SW	6/8/2011 9:07	131	0.9	91.1	46.7	97.9	29.09	766
SW	6/8/2011 9:08	131	0	92.4	50.2	102.4	29.08	769
SW	6/8/2011 9:09	131	0	91.5	49.6	100.2	29.09	768
SW	6/8/2011 9:09	228	2.5	89.2	53.9	97.2	29.09	767
SW	6/8/2011 9:10	133	0	88.1	45.1	91	29.09	767
SW	6/8/2011 9:11	142	0	90.5	53.7	99.9	29.08	775
SW	6/8/2011 9:12	141	1.6	94.3	47.6	104.9	29.08	770
SW	6/8/2011 9:13	141	0	96.4	48.1	110.3	29.08	772
SW	6/8/2011 9:14	139	0	97.3	43.2	108.7	29.08	775
SW	6/8/2011 9:15	140	0	99.1	42.7	112.3	29.08	776
SW	6/8/2011 9:16	141	0	100.6	39.8	113.5	29.08	772

Studebaker Phase IV  
Demolition - Area "A"  
Engineering Building

Wind Direction	FORMATTED DATE-TIME YYYY-MM-DD HH:MM:SS	Direction Mag	Windspeed mph	Temperature °F	Relative Humidity %	Heat Index °F	Barametric Pressure inHg	Altitude ft
SW	6/8/2011 9:17	141	0	99.6	42.1	112.8	29.08	772
SW	6/8/2011 9:18	141	0	100.3	39.4	112.6	29.08	776
SW	6/8/2011 9:19	141	0	103.9	37.4	119.1	29.08	774
SW	6/8/2011 9:20	140	2.4	101.6	37.3	113.5	29.08	775
SW	6/8/2011 9:21	141	0	102.1	38.8	116.1	29.08	772
SW	6/8/2011 9:22	141	0	105	36.3	120.4	29.08	772
SW	6/8/2011 9:23	140	0	102	34.8	112.5	29.08	770
SW	6/8/2011 9:24	136	0.8	95.2	39	101.8	29.08	772
SW	6/8/2011 9:25	135	1.1	94.7	48.3	106.2	29.09	767
SW	6/8/2011 9:26	135	1	96.9	47.4	111	29.09	767
SW	6/8/2011 9:27	135	2.3	94.8	44.9	104.2	29.09	768
SW	6/8/2011 9:28	135	1.2	93.5	47	102.7	29.08	769
SW	6/8/2011 9:29	137	0	94.2	51	107.1	29.08	772
SW	6/8/2011 9:30	134	1.1	93.4	45.5	101.5	29.09	768
SW	6/8/2011 9:31	137	0	98.5	44.2	111.7	29.08	769
SW	6/8/2011 9:32	134	0	96.1	43.1	106	29.08	770
SW	6/8/2011 9:33	135	0.7	98.1	45.8	112.3	29.08	769
SW	6/8/2011 9:34	134	1.2	95.1	43.8	104	29.08	770
SW	6/8/2011 9:35	137	0.9	97.5	45.9	111	29.09	768
SW	6/8/2011 9:36	131	0	99.1	42.5	112.1	29.09	766
SW	6/8/2011 9:37	243	0	89.5	26.3	87.4	29.09	766
SW	6/8/2011 9:38	90	1.4	91.9	52.2	102.4	29.08	770
SW	6/8/2011 9:39	88	6.2	90.6	51.6	99.3	29.09	763
SW	6/8/2011 9:40	89	4.9	93.3	52.4	105.8	29.09	761
SW	6/8/2011 9:41	157	6.6	90.7	49.8	98.2	29.09	759
SW	6/8/2011 9:42	157	5	88.9	51.8	95.4	29.09	762
SW	6/8/2011 9:43	158	4.3	92	49.1	101.1	29.09	762
SW	6/8/2011 9:44	158	5.7	88.9	49.4	94.3	29.09	765
SW	6/8/2011 9:45	158	4.6	90.2	50.4	97.5	29.09	763
SW	6/8/2011 9:46	160	11.2	90.5	48.9	97.5	29.09	763
SW	6/8/2011 9:47	159	8.4	87.6	52.1	92.8	29.09	765

Studebaker Phase IV  
Demolition - Area "A"  
Engineering Building

Wind Direction	Formatted Date-Time YYYY-MM-DD HH:MM:SS	Direction Mag	Windspeed mph	Temperature °F	Relative Humidity %	Heat Index °F	Barometric Pressure inHg	Altitude ft
SW	6/8/2011 9:48	158	3.6	89.1	52.7	96.1	29.08	769
SW	6/8/2011 9:49	160	7.8	89.5	51.5	96.4	29.09	765
SW	6/8/2011 9:50	159	9.1	91.8	51.8	101.8	29.09	768
SW	6/8/2011 9:51	159	6	90	50.3	97	29.09	768
SW	6/8/2011 9:52	163	9.4	90.4	49.9	97.7	29.09	767
SW	6/8/2011 9:52	253	6.8	88.6	49.4	93.6	29.09	767
SW	6/8/2011 9:53	270	0	82.1	35.4	79.7	29.09	767
SW	6/8/2011 9:54	280	0	89.8	25.6	87.4	29.09	767
SW	6/8/2011 9:55	280	0	76.8	34.2	73.9	29.09	765
SW	6/8/2011 9:56	261	0	75	33.7	72.3	29.09	768
SW	6/8/2011 9:57	261	0	74.2	35	71.8	29.08	770
SW	6/8/2011 9:58	261	0	76.4	34.8	73.6	29.08	772
SW	6/8/2011 9:59	261	0	77.6	33.5	74.7	29.09	768
SW	6/8/2011 10:00	261	0	78.1	33.1	75	29.09	766
SW	6/8/2011 10:01	261	0	78.6	33.6	75.7	29.09	763
SW	6/8/2011 10:02	261	0	78.4	33.9	75.6	29.09	767
SW	6/8/2011 10:03	261	0	78.4	33.9	75.6	29.08	770
SW	6/8/2011 10:04	261	0	78.4	34.2	75.7	29.09	768
SW	6/8/2011 10:05	261	0	78.4	34.4	75.7	29.09	767
SW	6/8/2011 10:06	261	0	76.2	37.7	73.6	29.09	767
SW	6/8/2011 10:07	261	0	76.2	39.5	73.9	29.09	767
SW	6/8/2011 10:08	134	2.2	85.1	62.1	91.6	29.08	772
SW	6/8/2011 10:09	135	2.3	91.4	51	100.6	29.08	772
SW	6/8/2011 10:10	137	2.6	90.2	46.5	95.7	29.08	772
SW	6/8/2011 10:11	137	3.3	91.5	46.3	98.4	29.08	772
SW	6/8/2011 10:12	139	2.3	91.3	46.7	98.2	29.08	770
SW	6/8/2011 10:13	140	2.3	89.5	47	94.5	29.08	774
SW	6/8/2011 10:14	141	1.1	92.3	47.4	100.4	29.08	775
SW	6/8/2011 10:15	141	2.7	92.9	44.6	99.9	29.08	772
SW	6/8/2011 10:16	142	1.5	92.6	45.7	100.2	29.08	775
SW	6/8/2011 10:17	143	1.1	93.6	45.5	101.8	29.08	777



Studebaker Phase IV  
Demolition - Area "A"  
Engineering Building

Wind Direction	Formatted Date-Time	Direction Mag	Windspeed mph	Temperature °F	Relative Humidity %	Heat Index °F	Barametric Pressure inHg	Altitude ft
SW	6/8/2011 10:18	144	1.5	93.3	45.1	100.9	29.08	773
SW	6/8/2011 10:19	143	0.9	94.4	45.7	104	29.08	775
SW	6/8/2011 10:20	142	1.9	91.8	47.6	99.5	29.08	775
SW	6/8/2011 10:21	141	2.7	90.8	46.9	97.3	29.08	777
SW	6/8/2011 10:22	140	2.8	90.3	45.2	95.4	29.07	779
SW	6/8/2011 10:23	80	6.4	91.3	47.6	98.4	29.08	773
SW	6/8/2011 10:24	76	2.9	95.3	44.6	105.3	29.07	782
SW	6/8/2011 10:25	277	0	94.2	31.7	96.1	29.08	776
SW	6/8/2011 10:26	272	0	94.2	28.8	94.5	29.08	777
SW	6/8/2011 10:27	272	0	94.2	27.8	94.1	29.08	770
SW	6/8/2011 10:28	272	0	93.9	30.9	95	29.08	774
SW	6/8/2011 10:29	272	0	93	31.8	94.3	29.08	770
SW	6/8/2011 10:30	274	0	91.7	31.7	92.1	29.08	769
SW	6/8/2011 10:31	274	0	90.7	32.5	90.9	29.07	784
SW	6/8/2011 10:32	280	0	89.4	32.3	88.9	29.08	772
SW	6/8/2011 10:33	280	0	85.1	39.2	84.7	29.08	772
SW	6/8/2011 10:34	280	0	83.4	41	82.6	29.08	772
SW	6/8/2011 10:35	280	0	82.3	43.2	81.7	29.09	767
SW	6/8/2011 10:36	277	0	80.6	47	80.1	29.08	775
SW	6/8/2011 10:37	277	0	80.4	44.3	79.3	29.08	770
SW	6/8/2011 10:38	273	0	79.9	48.1	79.3	29.08	769
SW	6/8/2011 10:39	273	0	77.7	51	77	29.09	768
SW	6/8/2011 10:40	273	0	77.5	52.5	77	29.08	770
SW	6/8/2011 10:41	273	0	77.5	53.1	77	29.08	772
SW	6/8/2011 10:42	273	0	78	53.2	77.7	29.09	766
SW	6/8/2011 10:43	273	0	77.9	52.7	77.5	29.08	770
SW	6/8/2011 10:44	273	0	77.5	52.4	77	29.08	772
SW	6/8/2011 10:45	273	0	77.2	52.9	76.5	29.08	769
SW	6/8/2011 10:46	273	0	77.3	52.8	76.6	29.08	775
SW	6/8/2011 10:47	273	0	77.3	53.6	76.6	29.08	772
SW	6/8/2011 10:48	273	0	77.1	50.2	75.9	29.09	767

Studebaker Phase IV  
Demolition - Area "A"  
Engineering Building

Wind Direction	FORMATTED DATE-TIME YYYY-MM-DD HH:MM:SS	Direction Mag	Windspeed mph	Temperature Â°F	Relative Humidity %	Heat Index Â°F	Barametric Pressure inHg	Altitude ft
SW	6/8/2011 10:49	273	0	77.4	42.6	75.4	29.09	763
SW	6/8/2011 10:50	279	0	77.3	40.3	75.2	29.08	770
SW	6/8/2011 10:51	279	0	77.3	39.2	75	29.08	772
SW	6/8/2011 10:52	272	0	78.4	39.9	76.3	29.08	770
SW	6/8/2011 10:53	272	0	79.1	39	77.2	29.08	773
SW	6/8/2011 10:54	272	0	79.9	40.1	78.1	29.09	768
SW	6/8/2011 10:55	272	0	80.7	41.4	79.3	29.08	772
SW	6/8/2011 10:56	273	0	80.9	38.9	79.2	29.08	770
SW	6/8/2011 10:57	273	0	81	36.4	78.8	29.09	768
SW	6/8/2011 10:58	283	0	81.1	40.4	79.7	29.08	770
SW	6/8/2011 10:59	283	0	81.2	40.9	79.7	29.08	770
SW	6/8/2011 11:00	280	0	81.2	38.5	79.3	29.09	767
SW	6/8/2011 11:01	280	0	81.3	42.7	80.2	29.09	763
SW	6/8/2011 11:02	280	0	81.1	39	79.5	29.09	759
SW	6/8/2011 11:03	280	0	80.9	36.3	78.8	29.1	759
SW	6/8/2011 11:04	280	0	80.8	34.1	78.3	29.09	765
SW	6/8/2011 11:05	280	0	80.7	32.3	77.7	29.09	768
SW	6/8/2011 11:06	280	0	80.5	31.4	77.5	29.09	763
SW	6/8/2011 11:07	280	0	80.4	30.2	77.2	29.09	760
SW	6/8/2011 11:08	280	0	80.3	29.5	76.8	29.09	766
SW	6/8/2011 11:09	280	0	80.2	29	76.8	29.09	762
SW	6/8/2011 11:10	280	0	80.1	28.6	76.6	29.09	765
SW	6/8/2011 11:11	280	0	80	28.6	76.6	29.09	763
SW	6/8/2011 11:12	255	0	77	33.9	74.1	29.09	763
SW	6/8/2011 11:13	85	4.2	93	44.2	100	29.09	765
SW	6/8/2011 11:14	170	3	107.3	38	127.6	29.09	765
SW	6/8/2011 11:15	109	6.2	94.1	36.5	98.2	29.09	765
SW	6/8/2011 11:16	110	6.5	94.7	38	100	29.09	765
SW	6/8/2011 11:17	150	1.8	99	39.2	109.4	29.08	770
SW	6/8/2011 11:18	150	2.4	105.2	31.4	115.9	29.08	772
SW	6/8/2011 11:19	150	0	104.4	31.4	114.1	29.08	774

Studebaker Phase IV  
Demolition - Area "A"  
Engineering Building

Wind	FORMATTED DATE-TIME	Direction	Windspeed	Temperature	Relative Humidity	Heat Index	Barametric Pressure	Altitude
Direction	YYYY-MM-DD HH:MM:SS	Mag	mph	°F	%	°F	inHg	ft
SW	6/8/2011 11:20	154	1.8	107.5	31.3	120.6	29.08	772
SW	6/8/2011 11:21	154	1.7	107.1	29.7	117.7	29.08	774
SW	6/8/2011 11:22	154	2.5	108.5	30.3	121.1	29.08	770
SW	6/8/2011 11:23	154	2.1	110	28.5	122.2	29.08	770
SW	6/8/2011 11:24	154	2.4	110.8	27.3	122.7	29.08	774
SW	6/8/2011 11:25	154	1.6	110.6	29.5	124.7	29.08	770
SW	6/8/2011 11:26	266	0	102.9	24.5	106.2	29.08	770
SW	6/8/2011 11:27	232	0	98.5	20.8	97.2	29.08	773
SW	6/8/2011 11:28	301	0	98.2	20.4	96.8	29.08	772
SW	6/8/2011 11:29	118	4.4	97.3	38.1	105.4	29.08	772
SW	6/8/2011 11:30	121	7	94.1	38.5	99.3	29.08	772
SW	6/8/2011 11:31	123	6	97.4	39.6	106.3	29.08	775
SW	6/8/2011 11:32	172	1.6	109.5	33.4	127	29.08	773
SW	6/8/2011 11:33	172	1.2	111.4	23.1	119.3	29.08	776
SW	6/8/2011 11:34	171	0.8	116.6	20.4	125.4	29.07	780
SW	6/8/2011 11:35	173	0.8	118.3	18.6	126.1	29.07	782
SW	6/8/2011 11:36	172	1.3	119.9	19.5	129.7	29.07	780
SW	6/8/2011 11:37	172	1	119.7	19.8	130.1	29.07	783
SW	6/8/2011 11:38	172	0	113.3	20.1	119.5	29.07	781
SW	6/8/2011 11:39	172	1.5	111.2	22.2	118	29.07	783
SW	6/8/2011 11:40	171	1.1	112.7	22.2	120.7	29.07	780
SW	6/8/2011 11:40	256	5.8	99.8	23.5	100.8	29.07	779
SW	6/8/2011 11:41	241	0	98.9	23.2	99.1	29.08	774
SW	6/8/2011 11:42	164	0.9	97.2	30.2	99.9	29.08	777
SW	6/8/2011 11:43	198	7.5	95.5	36.9	101.3	29.06	793
SW	6/8/2011 11:44	199	7.2	96.3	38.2	103.3	29.06	791
SW	6/8/2011 11:45	172	0.8	100.4	35.3	109.4	29.05	797
SW	6/8/2011 11:46	172	0.8	98.7	36.1	106.9	29.05	801
SW	6/8/2011 11:47	171	0.8	100.5	36.2	110.5	29.06	796
SW	6/8/2011 11:48	172	0.9	99.9	36.4	109.2	29.06	795
SW	6/8/2011 11:49	172	1.7	100.7	35.1	110.1	29.06	796

Studebaker Phase IV  
Demolition - Area "A"  
Engineering Building

Wind Direction	Formatted Date-Time	Direction Mag	Windspeed mph	Temperature °F	Relative Humidity %	Heat Index °F	Barometric Pressure inHg	Altitude ft
SW	6/8/2011 11:50	172	0.9	100	36	109.2	29.05	798
SW	6/8/2011 11:51	174	1.1	98.8	36.8	107.4	29.05	798
SW	6/8/2011 11:52	172	0	97.8	35.1	104.5	29.05	801
SW	6/8/2011 11:53	172	1.7	98.3	36.6	106.2	29.05	801
SW	6/8/2011 11:54	172	0.9	100.9	35.7	111	29.05	798
SW	6/8/2011 11:55	172	1	99.3	35	107.1	29.05	803
SW	6/8/2011 11:56	172	2.4	98.8	34.4	105.6	29.05	801
SW	6/8/2011 11:57	171	3.4	98.9	35.2	106.5	29.05	800
SW	6/8/2011 11:58	172	1.3	99.2	34.1	106.3	29.05	801
SW	6/8/2011 11:59	172	1.7	100.1	34.3	108	29.05	798
WSW	6/8/2011 12:00	170	2.7	97.4	34.5	103.1	29.05	801
WSW	6/8/2011 12:01	170	0.7	100.1	35.1	108.7	29.05	798
WSW	6/8/2011 12:02	172	1	99.3	35.2	107.2	29.05	801
WSW	6/8/2011 12:03	171	1	98.7	35.6	106.2	29.05	801
WSW	6/8/2011 12:04	172	1.6	99.5	35.3	107.6	29.05	801
WSW	6/8/2011 12:05	172	2.3	98.1	36.1	105.6	29.05	800
WSW	6/8/2011 12:06	172	0	98.6	36.9	107.1	29.05	800
WSW	6/8/2011 12:07	172	1.7	101	35.5	110.8	29.05	798
WSW	6/8/2011 12:08	172	3.5	98.8	35.5	106.3	29.05	801
WSW	6/8/2011 12:08	258	8.3	94.9	34.9	99	29.07	782
WSW	6/8/2011 12:09	291	0	95.5	42.2	104.4	29.08	776
WSW	6/8/2011 12:10	268	0	95.3	28.5	96.1	29.09	767
WSW	6/8/2011 12:11	287	0	94.9	28.4	95.7	29.09	767
WSW	6/8/2011 12:12	287	0	94.3	29.4	94.8	29.08	770
WSW	6/8/2011 12:13	287	0	93.7	29.8	94.3	29.09	767
WSW	6/8/2011 12:14	287	0	93.2	30.1	93.6	29.08	770
WSW	6/8/2011 12:15	287	0	92.8	30.4	93.2	29.08	770
WSW	6/8/2011 12:16	287	0	92.4	30.8	92.8	29.09	767
WSW	6/8/2011 12:17	287	0	92.1	31.1	92.5	29.09	766
WSW	6/8/2011 12:18	287	0	91.8	31.4	91.9	29.09	767
WSW	6/8/2011 12:19	287	0	91.6	31.8	92.1	29.08	769

Studebaker Phase IV  
Demolition - Area "A"  
Engineering Building

Wind Direction	FORMATTED DATE-TIME YYYY-MM-DD HH:MM:SS	Direction Mag	Windspeed mph	Temperature °F	Relative Humidity %	Heat Index °F	Barametric Pressure inHg	Altitude ft
WSW	6/8/2011 12:20	287	0	91.4	32.1	91.8	29.09	761
WSW	6/8/2011 12:21	287	0	91.2	32.3	91.6	29.08	772
WSW	6/8/2011 12:22	287	0	91.1	32.5	91.6	29.08	774
WSW	6/8/2011 12:23	287	0	91	32.7	91.6	29.08	770
WSW	6/8/2011 12:24	287	0	91	33	91.8	29.08	772
WSW	6/8/2011 12:25	287	0	90.9	33.2	91.4	29.09	767
WSW	6/8/2011 12:26	287	0	90.8	33.4	91.6	29.08	774
WSW	6/8/2011 12:27	287	0	90.8	33.6	91.8	29.08	775
WSW	6/8/2011 12:28	287	0	90.8	33.7	91.8	29.08	772
WSW	6/8/2011 12:29	287	0	90.8	33.9	91.8	29.08	773
WSW	6/8/2011 12:30	287	0	90.8	34	91.8	29.08	769
WSW	6/8/2011 12:31	287	0	90.8	34.1	91.9	29.08	772
WSW	6/8/2011 12:32	287	0	90.8	34.2	91.9	29.08	776
WSW	6/8/2011 12:33	287	0	90.9	34.3	91.9	29.08	775
WSW	6/8/2011 12:34	287	0	90.9	34.5	91.9	29.08	774
WSW	6/8/2011 12:35	287	0	91	34.6	92.3	29.08	775
WSW	6/8/2011 12:36	287	0	91	34.7	92.5	29.08	777
WSW	6/8/2011 12:37	287	0	91.1	34.8	92.5	29.07	780
WSW	6/8/2011 12:38	287	0	91.1	34.8	92.5	29.08	777
WSW	6/8/2011 12:39	287	0	91.2	34.9	92.7	29.08	775
WSW	6/8/2011 12:40	287	0	91.2	35	92.8	29.07	779
WSW	6/8/2011 12:41	287	0	91.3	35.1	92.8	29.07	783
WSW	6/8/2011 12:42	287	0	91.4	35.2	93.2	29.07	780
WSW	6/8/2011 12:43	287	0	91.4	35.2	93.2	29.07	779
WSW	6/8/2011 12:44	287	0	91.5	35.4	93.6	29.08	776
WSW	6/8/2011 12:45	287	0	91.6	35.5	93.6	29.07	782
WSW	6/8/2011 12:46	287	0	91.7	35.5	93.9	29.07	780
WSW	6/8/2011 12:47	287	0	91.8	35.7	93.9	29.07	780
WSW	6/8/2011 12:48	287	0	91.9	35.8	94.3	29.08	777
WSW	6/8/2011 12:49	287	0	92	35.9	94.3	29.07	779
WSW	6/8/2011 12:50	287	0	92.1	35.9	94.6	29.08	777

Studebaker Phase IV  
Demolition - Area "A"  
Engineering Building

Wind Direction	FORMATTED DATE-TIME YYYY-MM-DD HH:MM:SS	Direction Mag	Windspeed mph	Temperature °F	Relative Humidity %	Heat Index °F	Barametric Pressure inHg	Altitude ft
WSW	6/8/2011 12:51	287	0	92.2	36	94.6	29.08	777
WSW	6/8/2011 12:52	287	0	92.2	36.1	95	29.07	780
WSW	6/8/2011 12:53	287	0	92.4	36.1	95	29.07	780
WSW	6/8/2011 12:54	287	0	92.5	36.1	95.4	29.07	783
WSW	6/8/2011 12:55	287	0	92.6	36.9	95.9	29.07	783
WSW	6/8/2011 12:56	287	0	92.7	35.9	95.5	29.07	780
WSW	6/8/2011 12:57	287	0	92.3	33.9	93.9	29.07	782
WSW	6/8/2011 12:58	286	0	92	33.1	93	29.06	790
WSW	6/8/2011 12:59	181	4.7	97.5	39.6	106.7	29.04	811
WSW	6/8/2011 13:00	181	4.4	100.3	35.1	109	29.04	814
WSW	6/8/2011 13:01	182	3.1	101.3	34.3	110.5	29.04	810
WSW	6/8/2011 13:02	182	2.8	100.6	33.9	108.9	29.04	812
WSW	6/8/2011 13:03	181	6.7	98.4	34.2	104.9	29.04	815
WSW	6/8/2011 13:04	181	4.7	99.7	37.3	109.6	29.04	815
WSW	6/8/2011 13:05	181	5.6	98.9	36.1	107.2	29.04	812
WSW	6/8/2011 13:06	181	4.3	102	35.5	113	29.04	810
WSW	6/8/2011 13:07	181	3.7	101.3	34.6	110.8	29.04	814
WSW	6/8/2011 13:08	181	3.9	104.2	34	116.2	29.04	814
WSW	6/8/2011 13:09	180	7.6	100.8	32.5	108	29.03	818
WSW	6/8/2011 13:10	187	7.3	100.2	33.3	107.6	29.03	819
WSW	6/8/2011 13:10	264	9.3	97.6	33.4	103.1	29.06	791
WSW	6/8/2011 13:11	318	0	90.8	26.5	89.2	29.06	791
WSW	6/8/2011 13:12	176	3.8	95.3	46.4	106.5	29.04	812
WSW	6/8/2011 13:13	173	4.5	97.8	38.9	107.1	29.04	810
WSW	6/8/2011 13:14	173	7.5	98	37.8	106.7	29.05	805
WSW	6/8/2011 13:15	173	6.8	96.3	38.3	103.5	29.04	811
WSW	6/8/2011 13:16	173	4.9	97.8	38.3	106.7	29.04	811
WSW	6/8/2011 13:17	173	5.5	97.9	37.9	106.3	29.04	808
WSW	6/8/2011 13:18	173	5.1	98	37.7	106.5	29.04	807
WSW	6/8/2011 13:19	173	8.6	96.9	38.1	104.7	29.04	812
WSW	6/8/2011 13:20	173	7.8	95.3	38.6	101.8	29.04	812

Studebaker Phase IV  
Demolition - Area "A"  
Engineering Building

Wind Direction	FORMATTED DATE-TIME YYYY-MM-DD HH:MM:SS	Direction Mag	Windspeed mph	Temperature °F	Relative Humidity %	Heat Index °F	Barametric Pressure		Altitude ft
							inHg	ft	
WSW	6/8/2011 13:21	173	7.9	96.5	38.7	104.4	29.04	29.04	811
WSW	6/8/2011 13:22	173	8.3	95.7	37.2	101.7	29.04	29.04	809
WSW	6/8/2011 13:23	173	8.9	96.4	36.8	102.9	29.04	29.04	811
WSW	6/8/2011 13:24	173	5.1	97.3	36	104	29.04	29.04	812
WSW	6/8/2011 13:25	173	8.8	97.2	35.5	103.5	29.04	29.04	812
WSW	6/8/2011 13:26	173	6	96.4	37.6	103.5	29.04	29.04	815
WSW	6/8/2011 13:27	173	6.7	97.3	37.2	104.9	29.04	29.04	814
WSW	6/8/2011 13:28	248	0	94.4	25.8	93.9	29.05	29.05	798
WSW	6/8/2011 13:29	146	0	93	19.8	89.8	29.05	29.05	804
WSW	6/8/2011 13:30	242	0	92.6	21.2	89.8	29.05	29.05	800
WSW	6/8/2011 13:31	245	0	93.5	28.2	93.4	29.06	29.06	794
WSW	6/8/2011 13:32	248	0	93.7	30.4	94.6	29.05	29.05	803
WSW	6/8/2011 13:33	278	3.8	94.6	30.7	96.1	29.04	29.04	814
WSW	6/8/2011 13:34	235	2	100.6	33.9	108.9	29.03	29.03	824
WSW	6/8/2011 13:35	235	3.5	100.6	31.8	107.1	29.03	29.03	823
WSW	6/8/2011 13:36	235	2.7	101.3	32.7	109.2	29.03	29.03	822
WSW	6/8/2011 13:37	235	2	101	32.3	108.1	29.03	29.03	825
WSW	6/8/2011 13:38	235	2.9	101.4	31.4	108.1	29.02	29.02	828
WSW	6/8/2011 13:39	234	2.7	102.8	28.8	108.9	29.02	29.02	829
WSW	6/8/2011 13:40	235	3.5	101.9	31.6	109.4	29.02	29.02	829
WSW	6/8/2011 13:41	234	5	101.1	31.9	108.1	29.02	29.02	832
WSW	6/8/2011 13:42	234	2.7	100.7	32.9	108.3	29.02	29.02	830
WSW	6/8/2011 13:43	234	3.2	100.9	33.1	108.9	29.02	29.02	832
WSW	6/8/2011 13:44	234	2.6	103.2	32.5	112.6	29.02	29.02	833
WSW	6/8/2011 13:45	265	2.8	103.6	31	112.3	29.03	29.03	821
WSW	6/8/2011 13:46	88	0	94.4	22.5	92.7	29.04	29.04	810
WSW	6/8/2011 13:47	329	0	87.9	25	85.1	29.05	29.05	805
WSW	6/8/2011 13:48	192	3.4	101.3	35.6	111.7	29.02	29.02	828
WSW	6/8/2011 13:49	192	4.5	101.1	31.7	108.1	29.02	29.02	831
WSW	6/8/2011 13:50	193	4.5	99.9	30.3	104.5	29.02	29.02	832
WSW	6/8/2011 13:51	193	5.1	99.8	32.8	106.5	29.02	29.02	832



Studebaker Phase IV  
Demolition - Area "A"  
Engineering Building

Wind Direction	FORMATTED DATE-TIME		Direction Mag	Windspeed mph	Temperature Â°F	Relative Humidity %	Heat Index Â°F	Barametric Pressure		Altitude ft
	YYYY-MM-DD	HH:MM:SS						inHg		
WSW	6/8/2011	13:52	193	3.4	100.5	32.9	108	29.01		837
WSW	6/8/2011	13:53	193	4.8	101.5	33	109.9	29.01		837
WSW	6/8/2011	13:54	193	2.1	101	32.5	108.3	29.01		843
WSW	6/8/2011	13:55	192	3	102.8	33.3	113	29.04		812
WSW	6/8/2011	13:56	192	4.2	103.4	30.5	111.4	29.04		807
WSW	6/8/2011	13:57	192	3.3	103.7	32.9	114.1	29.04		808
WSW	6/8/2011	13:58	195	3.1	102.3	32.1	110.8	29.04		810
WSW	6/8/2011	13:59	195	2.5	106.3	30.5	117	29.04		809
WSW	6/8/2011	14:00	188	0	102.4	26.5	106.7	29.04		810
WSW	6/8/2011	14:01	121	0	102.7	21.8	104.2	29.04		811
WSW	6/8/2011	14:02	160	0	102.2	19.7	102	29.04		814
WSW	6/8/2011	14:03	95	0	101	20.1	100.6	29.04		807
WSW	6/8/2011	14:04	76	0	99.9	19.4	98.4	29.04		809
WSW	6/8/2011	14:05	122	0	98.2	20	96.6	29.04		809
WSW	6/8/2011	14:06	126	0	97.8	22	97.2	29.04		810
WSW	6/8/2011	14:07	127	0	97.6	22.5	97.2	29.04		810
WSW	6/8/2011	14:08	127	0	97.1	21.2	95.7	29.04		810
WSW	6/8/2011	14:09	130	0	96.5	20.9	94.6	29.04		812
WSW	6/8/2011	14:10	107	0	96.2	22.3	95	29.04		808
WSW	6/8/2011	14:11	281	0	95.6	23.7	94.6	29.04		808
WSW	6/8/2011	14:12	160	4	97.8	36.1	104.9	29.01		838
WSW	6/8/2011	14:13	158	5.7	98.9	33.1	104.9	29.02		835
WSW	6/8/2011	14:14	158	4.1	101	32.2	108.1	29.02		835
WSW	6/8/2011	14:15	158	3.9	101.5	31.3	108.3	29.01		835
WSW	6/8/2011	14:16	161	7	100.5	32.4	107.4	29.01		839
WSW	6/8/2011	14:17	161	5.9	97.3	33.3	102.4	29.01		839
WSW	6/8/2011	14:18	161	2	101.6	35.2	112.1	29.01		840
WSW	6/8/2011	14:19	161	1.9	104	33.1	115	29.01		843
WSW	6/8/2011	14:20	161	1.9	102.8	31.6	111	29		845
WSW	6/8/2011	14:21	158	3.6	102.7	32.5	111.9	29.01		840
WSW	6/8/2011	14:22	159	4.4	103.3	31.4	111.9	29.01		838

Studebaker Phase IV  
Demolition - Area "A"  
Engineering Building

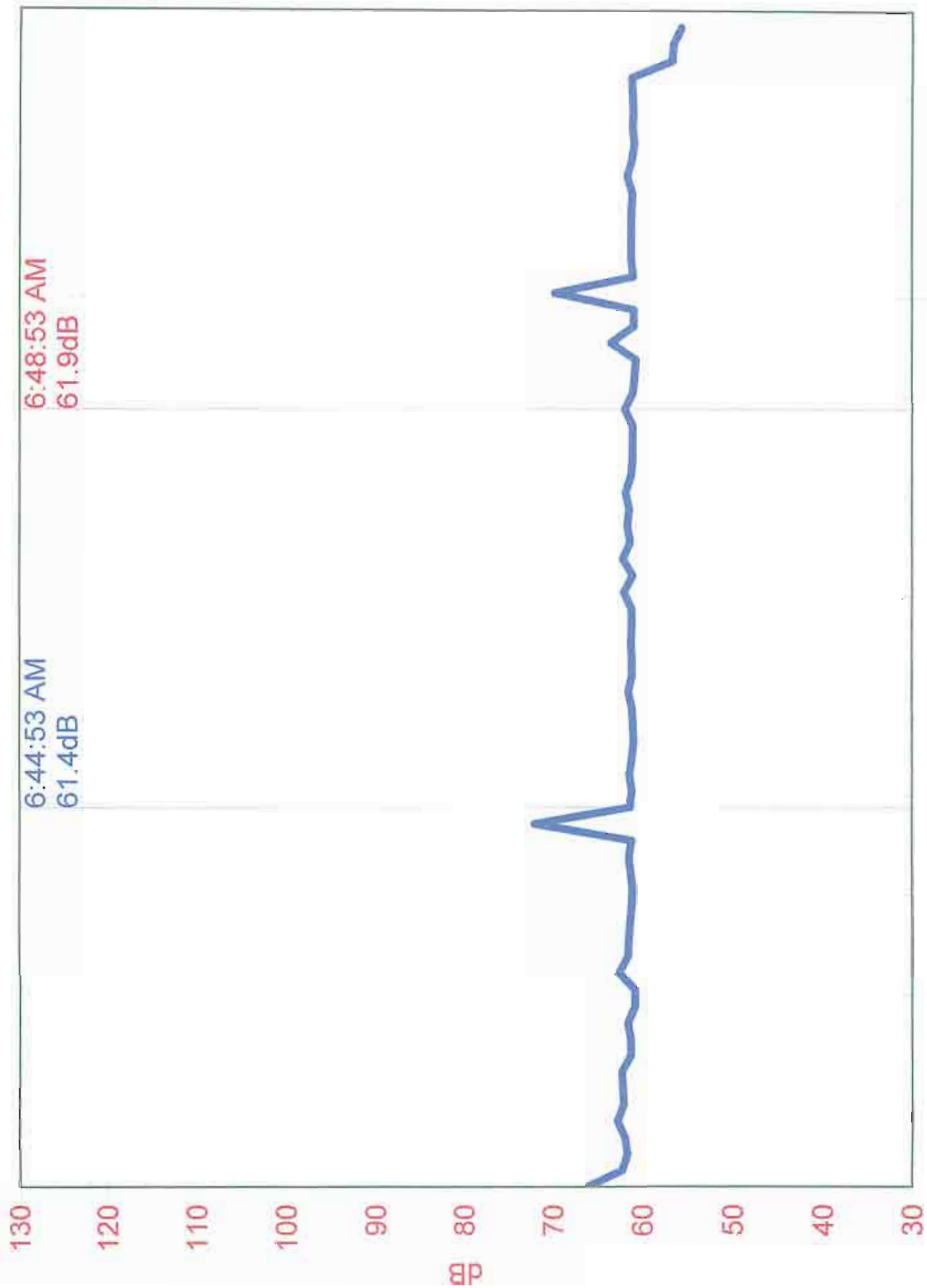
Wind Direction	Formatted Date-Time	Direction Mag	Windspeed mph	Temperature °F	Relative Humidity %	Heat Index °F	Barametric Pressure inHg	Altitude ft
WSW	6/8/2011 14:23	158	3.9	102.1	30.3	108.9	29.01	837
WSW	6/8/2011 14:24	158	6.8	99.2	34	106	29.01	838
WSW	6/8/2011 14:25	158	7.2	97.4	34.3	102.9	29.02	828
WSW	6/8/2011 14:26	158	6.6	98.6	35.5	106	29.01	840
WSW	6/8/2011 14:27	317	0	93.8	28.3	93.7	29.03	818
WSW	6/8/2011 14:28	343	0	94.9	27.5	95.4	29.03	819
WSW	6/8/2011 14:29	184	3.5	100.3	35.8	109.4	29	849
WSW	6/8/2011 14:30	177	1.2	104.3	32.1	114.8	29.01	843
WSW	6/8/2011 14:31	176	4.4	102.9	32.7	112.5	29.01	843
WSW	6/8/2011 14:32	176	3	101.8	31.1	108.9	29.02	826
WSW	6/8/2011 14:33	176	2.4	105	31.9	116.1	29.01	842
WSW	6/8/2011 14:34	177	2.3	104.6	31.6	114.6	29.01	842
WSW	6/8/2011 14:35	177	1.4	109.4	28.1	120.7	29.01	844
WSW	6/8/2011 14:36	176	2.8	103.4	30.8	111.7	29.01	836
WSW	6/8/2011 14:37	176	2.7	102.6	33.3	112.3	29.01	838
WSW	6/8/2011 14:38	175	3.1	103.7	32.5	113.7	29.01	840
WSW	6/8/2011 14:39	175	4.4	102.3	33.9	112.5	29.01	838
WSW	6/8/2011 14:40	175	1.4	107.8	31.4	121.1	29.01	837
WSW	6/8/2011 14:41	175	2.6	104.5	29.9	112.8	29.01	837
WSW	6/8/2011 14:42	175	1.8	105.1	31.8	115.9	29.01	839
WSW	6/8/2011 14:43	265	3	104.2	32.7	115	29.03	817
WSW	6/8/2011 14:44	155	0	102.2	20.4	102.6	29.03	818
WSW	6/8/2011 14:45	71	0	88.3	26.3	85.6	29.03	818
WSW	6/8/2011 14:46	71	0	84.3	32.2	82.2	29.03	816
WSW	6/8/2011 14:47	71	0	82.1	34.2	79.5	29.03	821
WSW	6/8/2011 14:48	71	0	80.7	34.9	78.3	29.03	821
WSW	6/8/2011 14:49	71	0	79.8	35.6	77.2	29.03	817
WSW	6/8/2011 14:50	71	0	79.3	36.7	77	29.03	821
WSW	6/8/2011 14:51	71	0	78.2	36.5	75.7	29.03	822
WSW	6/8/2011 14:52	270	0	77.2	37.1	74.7	29.03	822
WSW	6/8/2011 14:53	269	0	82.3	30.2	79.3	29.03	822

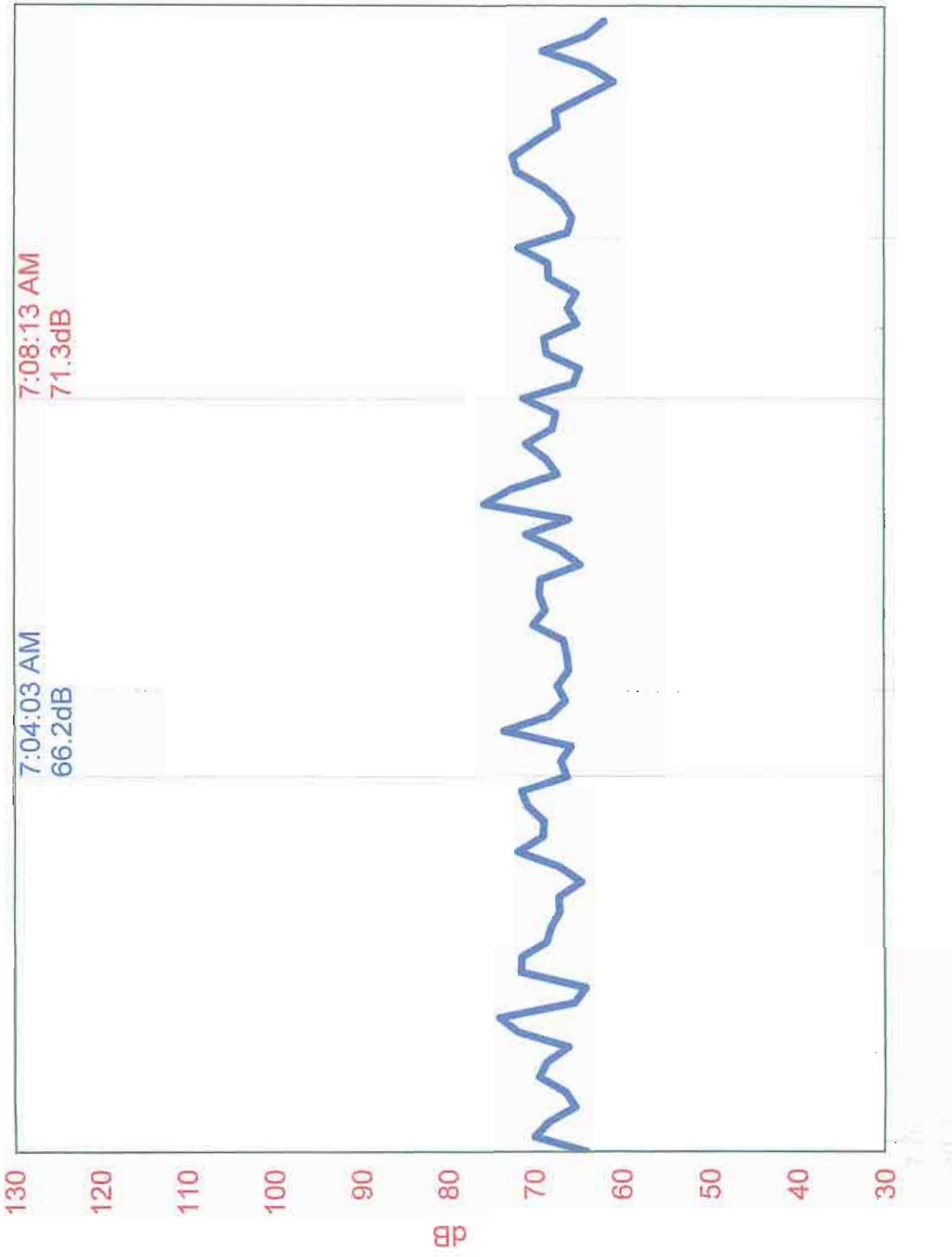
Studebaker Phase IV  
Demolition - Area "A"  
Engineering Building

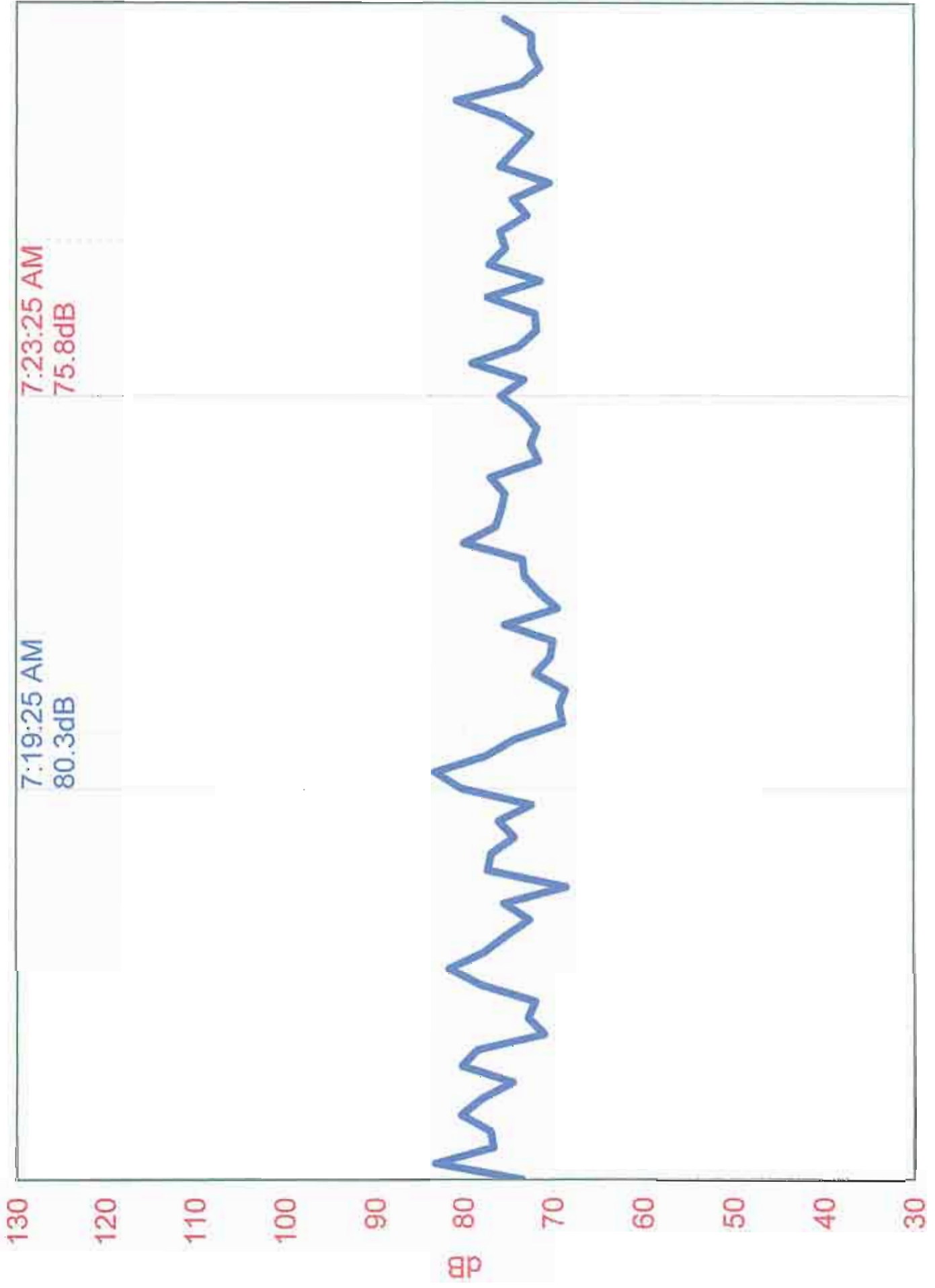
Wind Direction	Formatted Date-Time	Direction Mag	Windspeed mph	Temperature °F	Relative Humidity %	Heat Index °F	Barametric Pressure inHg	Altitude ft
WSW	6/8/2011 14:54	269	0	84.2	29.9	81.3	29.03	819
WSW	6/8/2011 14:55	269	0	85.9	29.3	83.3	29.03	819
WSW	6/8/2011 14:56	269	0	86.4	26.1	83.3	29.02	825
WSW	6/8/2011 14:57	273	0	82.9	30.8	80.1	29.02	828
WSW	6/8/2011 14:58	130	2.3	100.2	39.5	112.5	29.01	843
WSW	6/8/2011 14:59	124	4.2	103.7	29.9	111.2	29.01	837
WSW	6/8/2011 15:00	124	1.6	106.4	28.9	115.9	29.01	837
WSW	6/8/2011 15:01	124	2.8	105.7	26.8	112.5	29.01	840
WSW	6/8/2011 15:02	123	5.8	102.5	28	108	29.01	842
WSW	6/8/2011 15:03	123	1.8	108	28.8	118.6	29.01	838
WSW	6/8/2011 15:04	122	3	105.7	27.9	113.7	29.01	840
WSW	6/8/2011 15:05	122	2.1	107.2	28.5	117	29.01	836
WSW	6/8/2011 15:06	122	3	107.7	27.3	117	29.01	840
WSW	6/8/2011 15:07	123	2.1	106.6	28.3	115.7	29.01	843
WSW	6/8/2011 15:08	123	0.7	109	27.8	119.8	29.01	840
WSW	6/8/2011 15:09	123	2.4	108.8	28	119.7	29.01	840
WSW	6/8/2011 15:10	123	3.8	108.9	27.5	119.1	29.01	840
WSW	6/8/2011 15:11	123	1.8	109.1	27.3	119.3	29.01	840
WSW	6/8/2011 15:12	122	2.2	107.9	27.5	117.5	29.01	839
WSW	6/8/2011 15:13	122	4.4	104.8	28.6	112.3	29.01	843
WSW	6/8/2011 15:14	122	4.3	105.1	29.7	113.7	29.01	844
WSW	6/8/2011 15:15	121	2	107.6	28.5	117.7	29.01	840
WSW	6/8/2011 15:16	121	2.2	106.7	28.5	115.9	29.01	838
WSW	6/8/2011 15:17	121	3	104.9	28.4	112.5	29.01	840
WSW	6/8/2011 15:18	121	3.4	105.4	29.6	114.3	29.01	840
WSW	6/8/2011 15:19	122	2.3	107.1	28.4	116.6	29.01	840
WSW	6/8/2011 15:20	121	4.1	106.6	27.5	114.8	29.01	842
WSW	6/8/2011 15:21	121	1.2	106.3	28.7	115.3	29.01	843
WSW	6/8/2011 15:21	239	11	105.4	27.8	112.8	29.02	832
WSW	6/8/2011 15:22	220	1	99	26.1	100.8	29.01	836
WSW	6/8/2011 15:23	199	0	101.1	22.9	102.4	29	845

Studebaker Phase IV  
Demolition - Area "A"  
Engineering Building

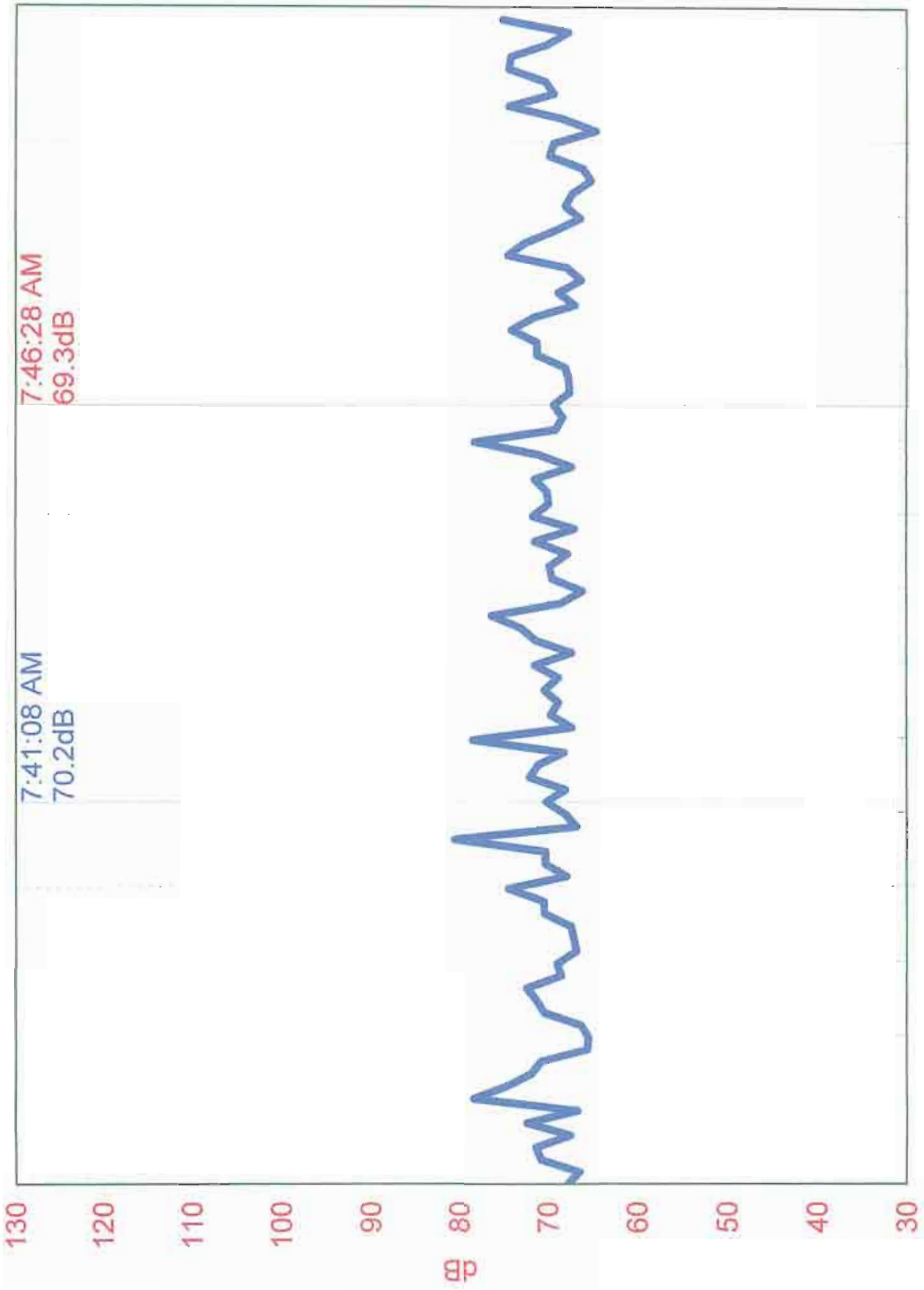
Wind Direction	Formatted Date-Time YYYY-MM-DD HH:MM:SS	Direction Mag	Windspeed mph	Temperature °F	Relative Humidity %	Heat Index °F	Barametric Pressure inHg	Altitude ft
WSW	6/8/2011 15:24	199	0	99.7	20.7	99	29.02	828
WSW	6/8/2011 15:25	198	0	98.3	22.1	97.7	29.02	835
WSW	6/8/2011 15:26	101	0	97.8	20.8	96.4	29.01	839
WSW	6/8/2011 15:27	328	0	102.1	34.8	112.5	29.01	837
WSW	6/8/2011 15:28	330	0	107.9	27.5	117.5	29.02	833
WSW	6/8/2011 15:29	327	0	108.3	25.4	116.2	29.02	832
WSW	6/8/2011 15:30	321	0.7	110.7	25.9	120.9	29.01	837
WSW	6/8/2011 15:31	330	0	112.9	23.8	122.9	29.02	835
WSW	6/8/2011 15:32	229	1.2	106.5	24.2	112.1	29.01	844
WSW	6/8/2011 15:33	228	3.2	100.8	31.8	107.4	29	849
WSW	6/8/2011 15:34	228	1.9	102.4	31.7	110.5	29	850
WSW	6/8/2011 15:35	228	2.5	102.5	31	110.1	29	849
WSW	6/8/2011 15:36	227	2.5	101.5	32.6	109.6	29	849
WSW	6/8/2011 15:37	227	1.5	101	33.2	109	28.99	854
WSW	6/8/2011 15:38	227	4.7	100.4	32.3	107.1	28.99	856

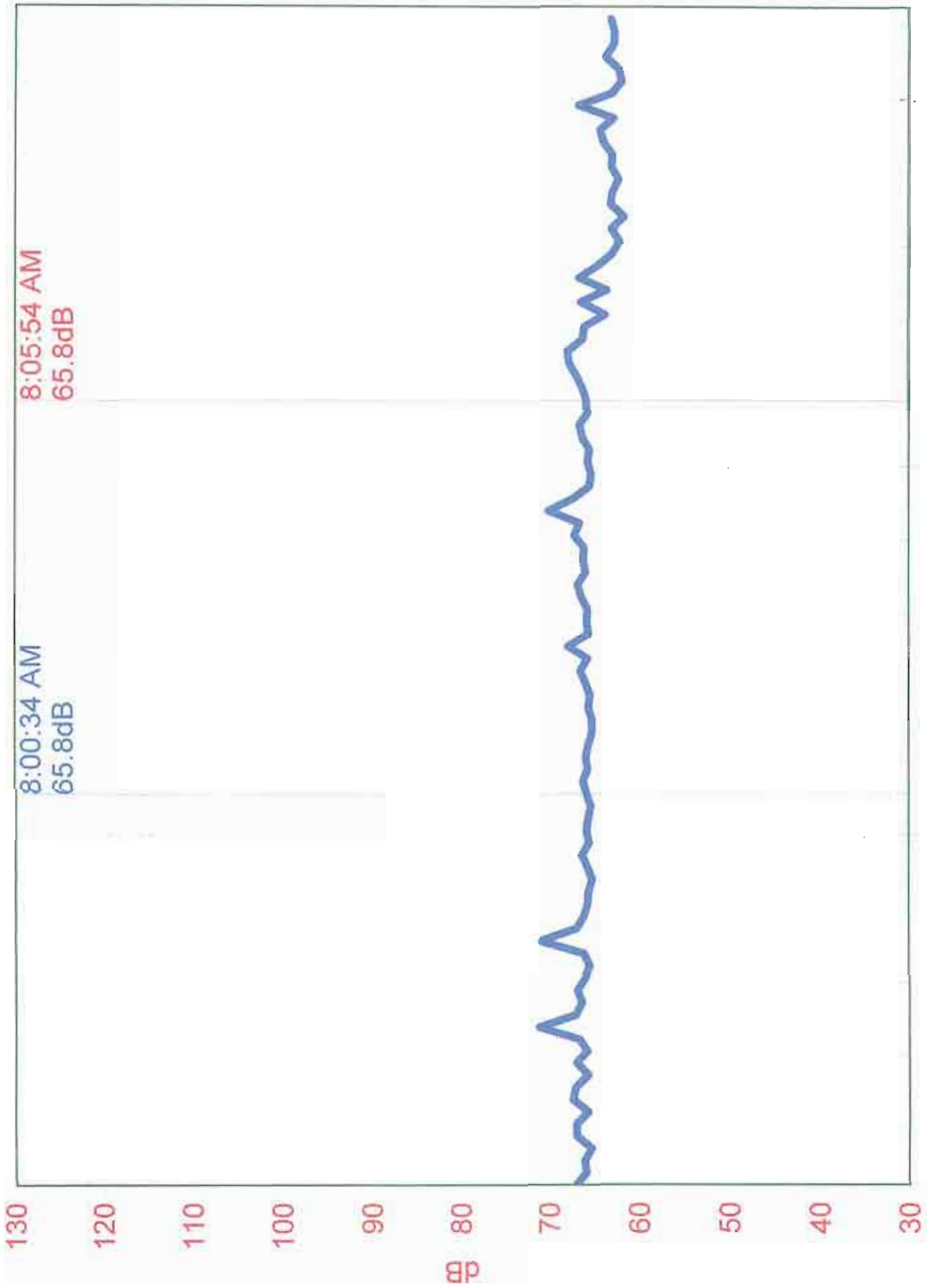


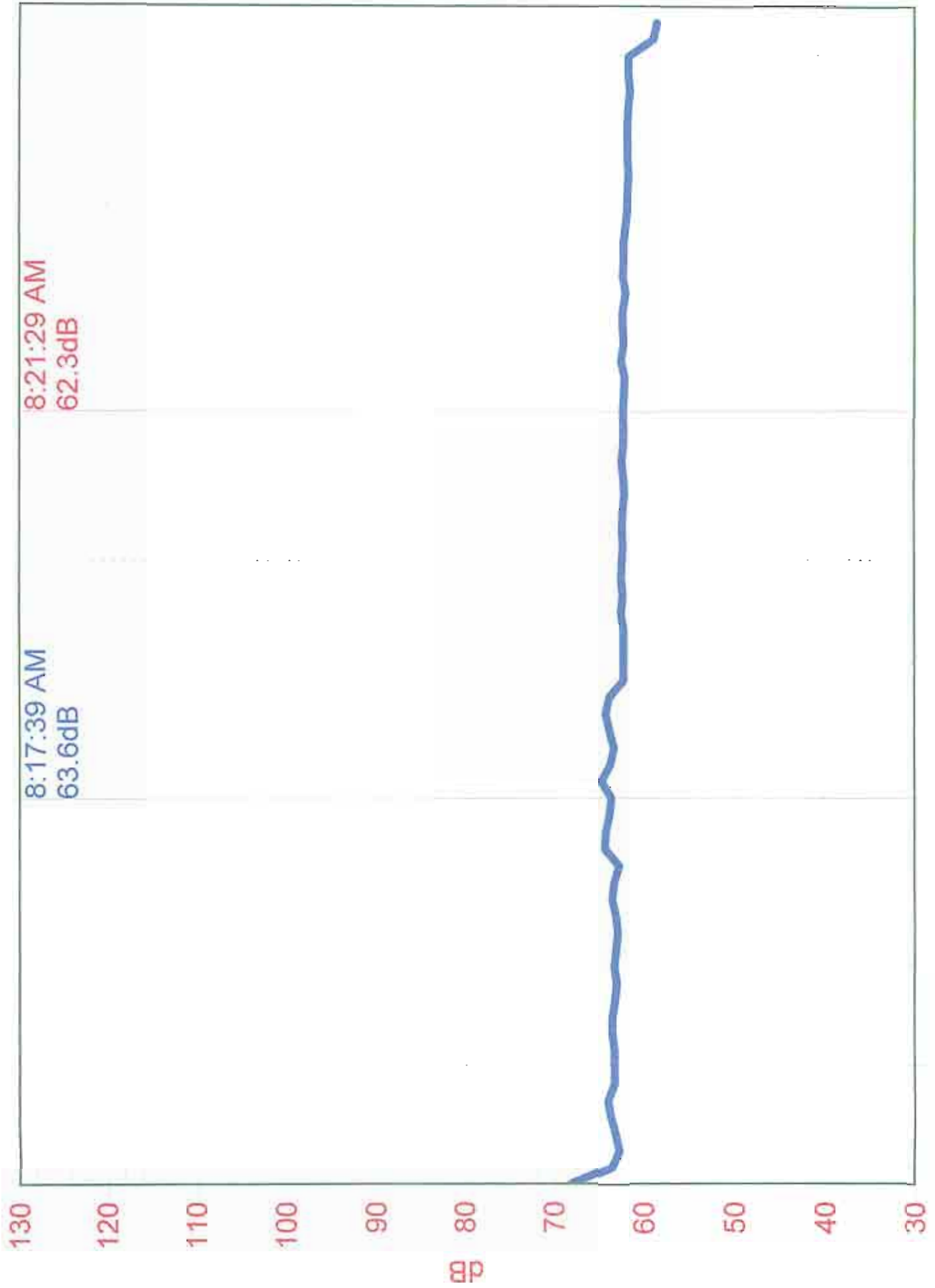


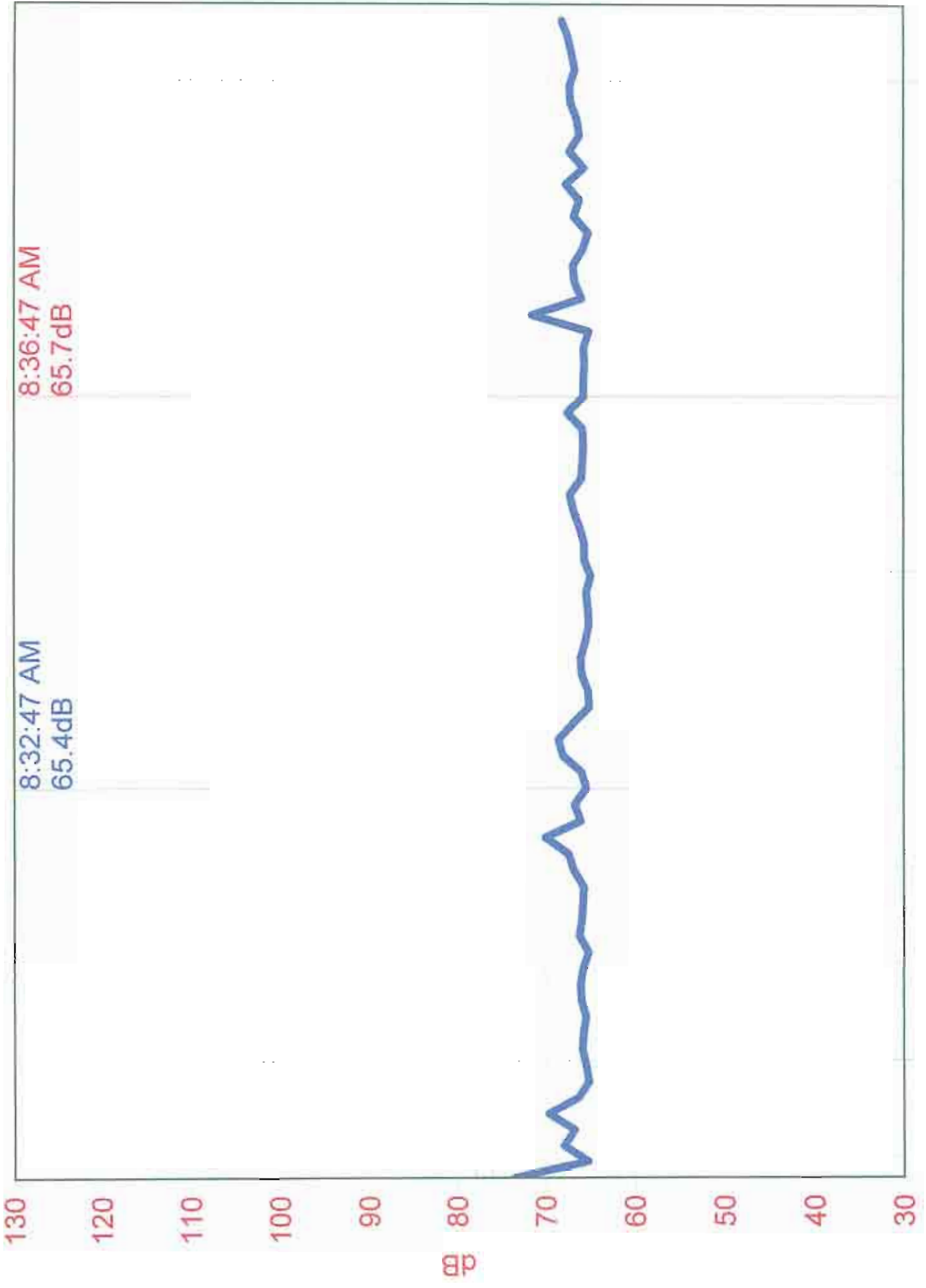


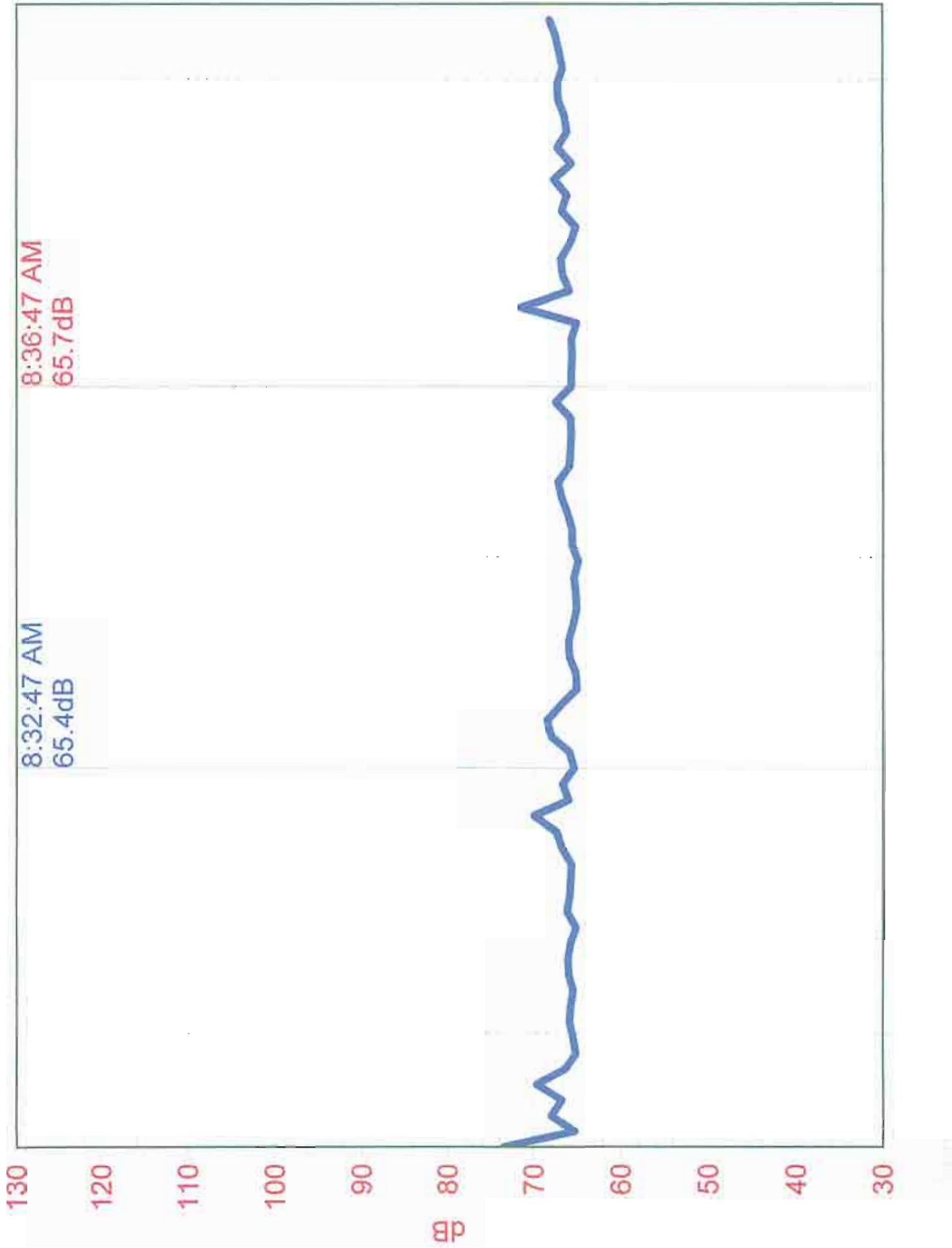


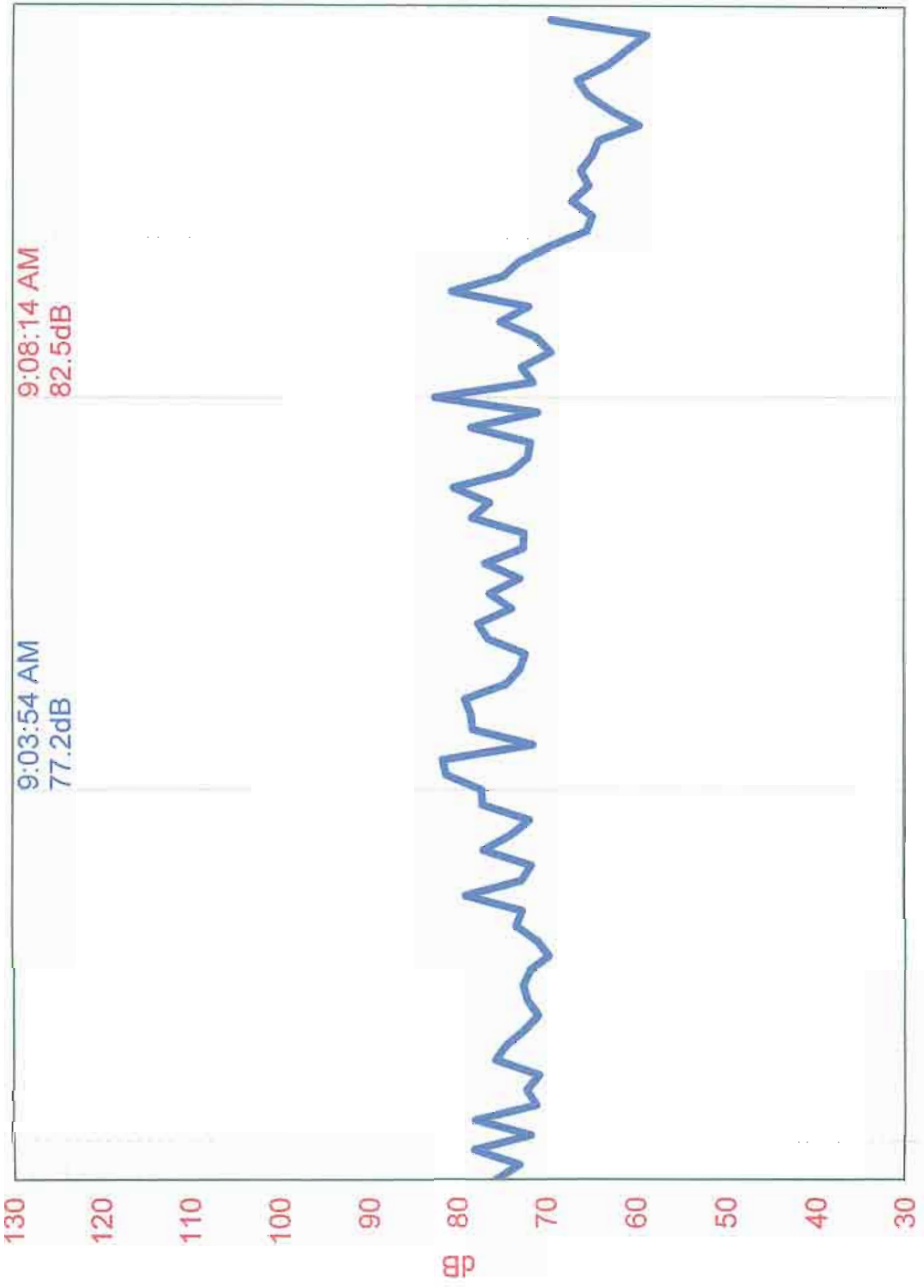












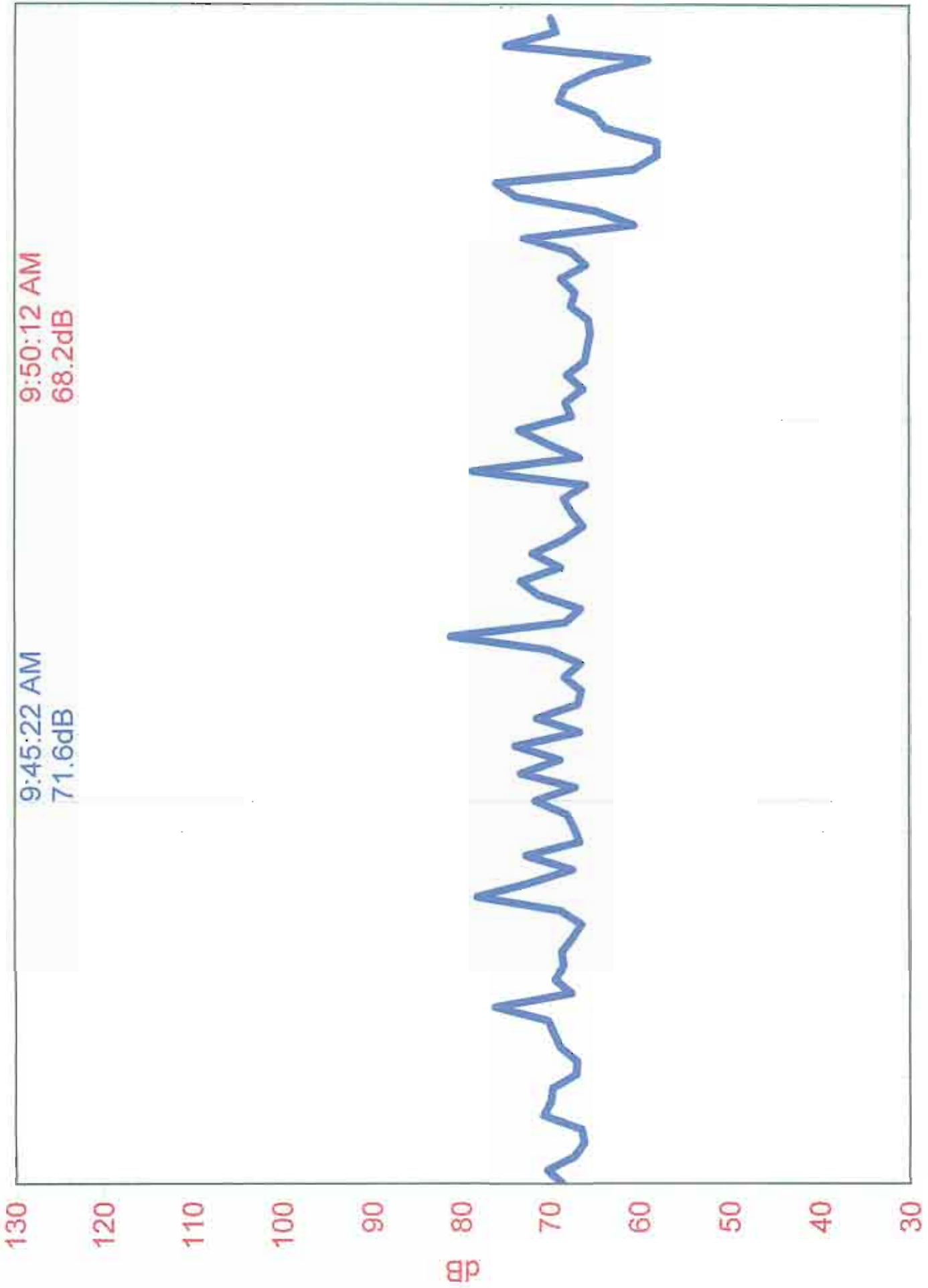
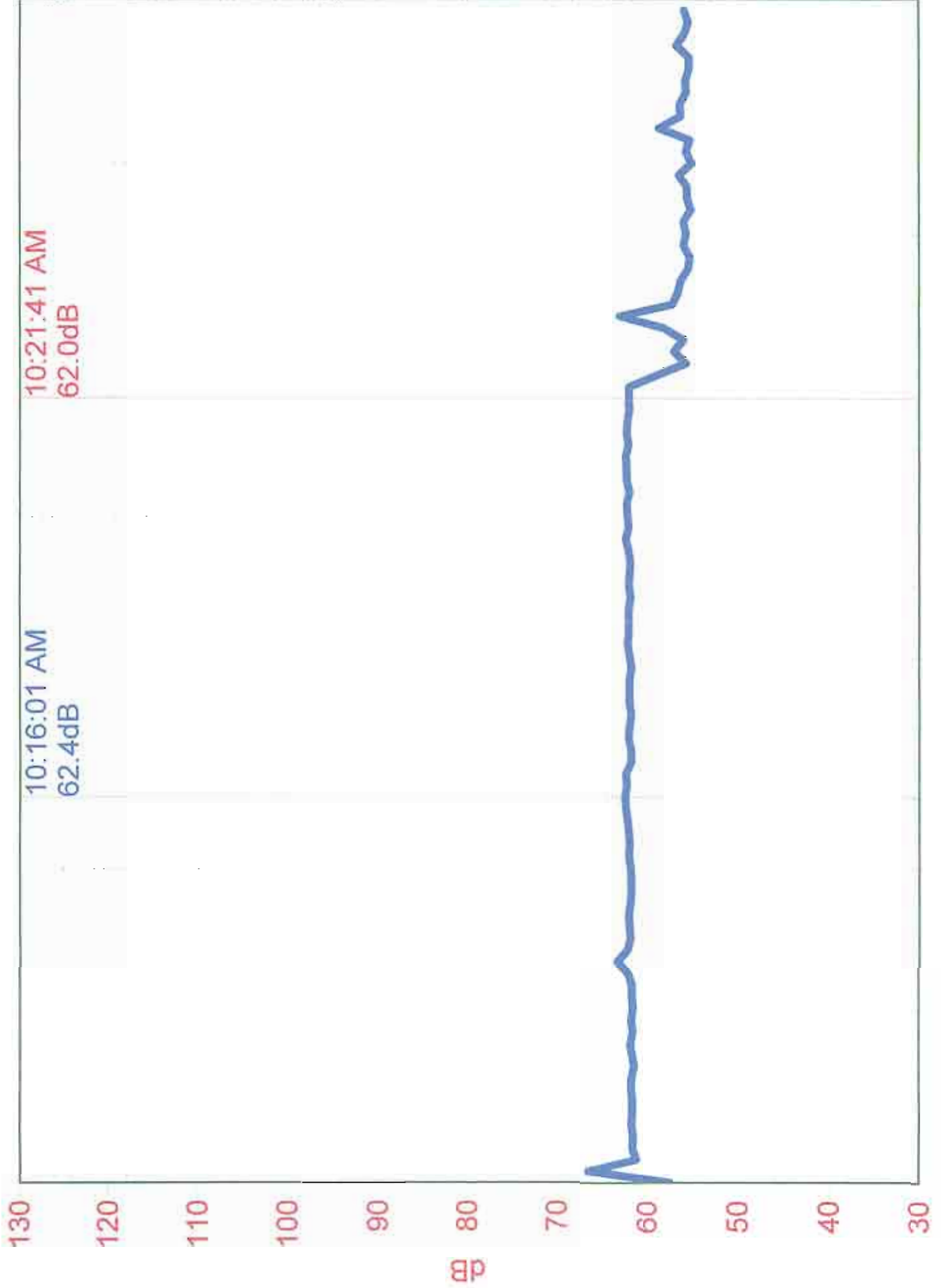
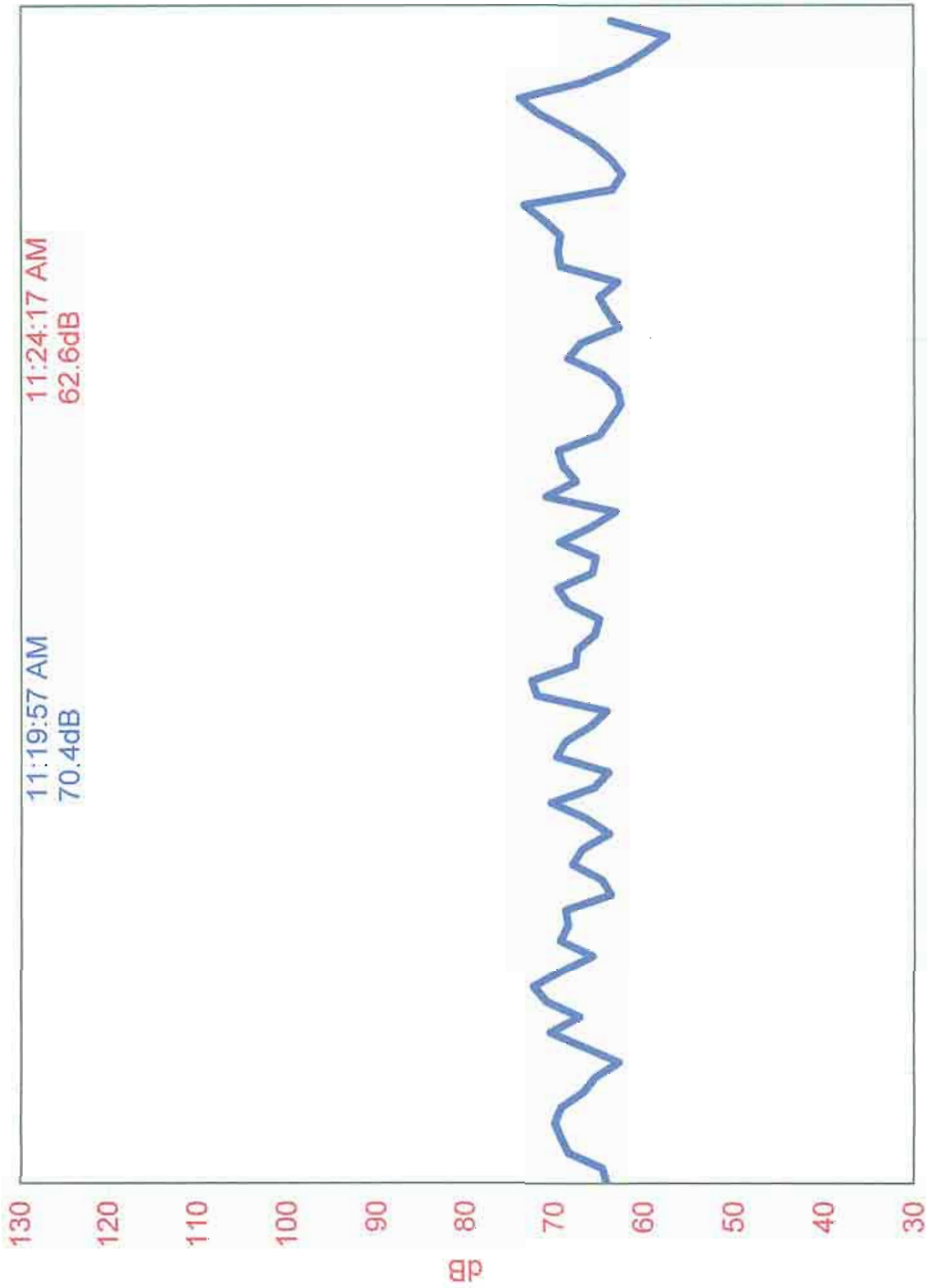


Figure 7







130  
120  
110  
100  
90  
80  
70  
60  
50  
40  
30

dB

11:53:37 AM  
72.9dB

12:02:17 PM  
75.7dB



1:41  
min

