



# AMERESCO, INC.

CONSULTING • ENGINEERING • PROJECT MANAGEMENT

July 29, 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  
Foundry Building  
Project #: 11.2529.6**

Dear Mr. Teagarden:

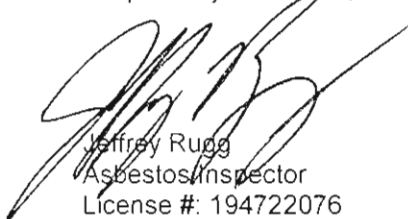
Thank you for the opportunity to provide Dore and Associates Contracting, Inc. with this service. Please find attached the analytical report for the asbestos air samples taken on July 28<sup>th</sup>, 2011 during the demolition of the building at the above mentioned location.

The air sample analyses verified that the airborne fiber concentrations were 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







# AMERECO, INC.

CONSULTING • ENGINEERING • PROJECT MANAGEMENT

August 4, 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  
Foundry Building  
Project #: 11.2529.6

Dear Mr. Teagarden:

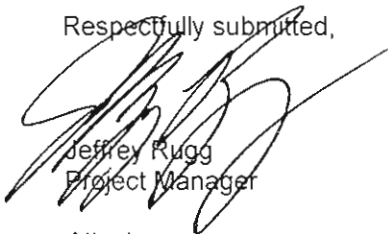
Thank you for the opportunity to provide you and Dore and Associated Contracting, Inc. with this service. Please find attached the analytical report for the air samples taken at the above captioned project during the demolition project conducted by your company.

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.

CONSULTING • ENGINEERING • PROJECT MANAGEMENT

DATE: July 29, 2011      CONTRACTOR: Dore and Associates  
 900 Harry S. Truman Parkway  
 Bay City, Michigan 48706

PROJECT: Studebaker Phase IV  
 Foundry Building Demo

AMERECO PROJECT #: 11.2529.6      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 4 Lead 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.)

Sample Type:	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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Activity:	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
L-01	7/28/11	PRM	Northwest of demolition site on fence	ND
L-02	7/28/11	PRM	North of demolition site on center of fence	ND
L-03	7/28/11	PRM	Northeast corner of demolition site on fence	ND
L-04	7/28/11	PRM	East side of demolition site on center of fence	ND

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

Analyzed by: SAC

Ref. No.: 11080067

Sampled by:





# AMERESCO, INC.

CONSULTING • ENGINEERING • PROJECT MANAGEMENT

August 4, 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  
Foundry Building  
Project #: 11.2529.6**

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 July 28<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  
Foundry Building

Project No. 11.2529.6

Analysis: Particulates in Air

Method: NIOSH 0500 - Nuisance Dust in Air

Sample ID	Date Taken	Stop Time	Location & Volume (Liters)	Result (mg/m <sup>3</sup> )	RL (mg/m <sup>3</sup> )
32S	7/28/11	12:00	Northwest corner of demolition site on fence	ND	1.3
24A	7/28/11	12:00	North of demolition site on center of fence	ND	1.3
28A	7/28/11	5:00	Northeast corner of demolition site on fence	ND	0.71
39A	7/28/11	5:00	East side of demolition site on center of fence	ND	0.71


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: 11080067

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



Jeff Rugg



**Studebaker Demolition Phase IV  
Particulate Monitoring Data  
Foundry Building**

Instrument Model: HH 3016 IAQ

Instrument Serial #: 071244006

Downloaded On: 7/29/2011 11:04:13

Particle Density: 2.500 g/ml

Data Duration: 7/28/2011 07:09:39 to 7/28/2011 15:52:10

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> )	Temperature (F)	Relative Humidity (%)
7/28/2011 07:09:39	SOUTHEAS	36.20	35.59	7.67	29.79	12.09	0.92	36.20	71.79	79.46	109.25	121.34	122.26	78.1	109.1
7/28/2011 07:10:49	SOUTHEAS	34.15	29.05	6.70	36.91	33.35	2.31	34.15	63.20	69.90	106.81	140.16	142.47	78.6	109.5
7/28/2011 07:11:59	SOUTHEAS	32.90	24.37	5.41	27.45	10.14	0.46	32.90	57.28	62.68	90.13	100.27	100.74	78.1	91.1
7/28/2011 07:13:09	SOUTHEAS	32.57	25.23	5.85	26.40	7.02	0.46	32.57	57.80	63.65	90.05	97.07	97.53	78.6	89.8
7/28/2011 07:14:19	SOUTHEAS	28.83	14.80		29.40	35.69	0.92	28.83	43.63	47.50	76.90	112.59	113.51	78.6	91.4
7/28/2011 07:15:29	SOUTHEAS	37.25	36.48	7.66	33.71	18.53	1.39	37.25	73.73	81.39	115.11	133.63	135.02	78.6	110.6
7/28/2011 07:16:39	SOUTHEAS	39.49	39.77	7.52	32.45	8.97	0.00	39.49	79.26	86.78	119.22	128.19	128.19	78.6	110.4
7/28/2011 07:17:49	SOUTHEAS	39.37	39.96	7.72	34.52	10.34	0.46	39.37	79.33	87.05	121.57	131.91	132.37	78.1	112.6
7/28/2011 07:18:59	SOUTHEAS	30.30	20.27	4.82	28.03	11.31	0.00	30.30	50.58	55.40	83.43	94.74	94.74	78.6	95.3
7/28/2011 07:20:09	SOUTHEAS	31.71	19.83	4.41	28.42	9.75	0.92	31.71	51.54	55.96	84.38	94.13	95.06	79.6	105.8
7/28/2011 07:25:09	EAST	37.35	30.10	5.72	32.45	7.61	0.00	37.35	67.45	73.16	105.61	113.21	113.21	78.1	111.9
7/28/2011 07:26:19	EAST	37.28	29.94	5.60	34.06	8.39	0.00	37.28	67.21	72.81	106.87	115.26	115.26	78.1	111.9
7/28/2011 07:27:29	EAST	36.89	29.77	5.67	33.74	9.95	0.46	36.89	66.66	72.33	106.07	116.02	116.48	78.6	110.6
7/28/2011 07:28:39	EAST	27.91	11.78	3.53	27.03	14.43	0.92	27.91	39.69	43.22	70.25	84.68	85.61	80.1	96.0
7/28/2011 07:29:49	EAST	23.33	7.48	3.19	23.50	12.68	1.85	23.33	30.81	34.00	57.50	70.18	72.03	81.1	73.7
7/28/2011 07:30:59	EAST	30.12	13.00	3.46	30.93	18.53	5.55	30.12	43.11	46.57	77.51	96.03	101.58	82.0	88.1
7/28/2011 07:32:09	EAST	28.75	14.81	4.05	33.45	27.50	1.39	28.75	43.55	47.61	81.05	108.55	109.94	82.5	96.7
7/28/2011 07:33:19	EAST	33.81	25.13	5.52	28.11	4.49	0.46	33.81	58.94	64.46	92.57	97.06	97.52	81.1	101.8
7/28/2011 07:34:29	EAST	23.83	7.68	2.44	18.36	4.88	0.00	23.83	31.51	33.94	52.30	57.18	57.18	81.5	77.0
7/28/2011 07:35:39	EAST	22.95	7.07	3.78	47.34	52.07	4.16	22.95	30.02	33.80	81.14	133.21	137.37	82.0	72.8
7/28/2011 07:38:50	NORTH	28.97	13.97	3.61	36.35	33.74	0.92	28.97	42.95	46.56	82.90	116.64	117.56	79.1	100.2
7/28/2011 07:40:00	NORTH	27.39	12.37	3.14	30.42	25.74	1.85	27.39	39.76	42.90	73.33	99.07	100.92	79.1	100.2
7/28/2011 07:41:10	NORTH	33.64	20.05	3.69	24.35	5.07	0.00	33.64	53.70	57.38	81.74	86.81	86.81	79.1	107.8
7/28/2011 07:42:20	NORTH	33.10	19.32	3.55	23.52	4.68	0.46	33.10	52.42	55.97	79.50	84.18	84.64	79.1	106.6
7/28/2011 07:43:30	NORTH	31.78	17.56	3.31	24.26	6.24	0.00	31.78	49.34	52.65	76.91	83.15	83.15	79.6	103.6
7/28/2011 07:44:40	NORTH	32.65	19.06	3.72	23.67	7.41	0.46	32.65	51.71	55.44	79.11	86.52	86.98	79.6	106.2
7/28/2011 07:45:50	NORTH	32.28	18.89	3.62	24.99	4.49	0.00	32.28	51.17	54.80	79.78	84.27	84.27	79.6	106.4
7/28/2011 07:47:00	NORTH	33.27	20.98	3.82	25.04	4.88	0.00	33.27	54.25	58.07	83.11	87.98	87.98	79.6	107.3
7/28/2011 07:48:10	NORTH	33.44	21.78	3.88	26.99	4.49	1.39	33.44	55.22	59.11	86.09	90.58	91.96	79.1	108.0
7/28/2011 07:49:20	NORTH	33.56	20.22	3.76	24.74	4.88	0.46	33.56	53.78	57.54	82.29	87.16	87.62	78.6	110.8
7/28/2011 07:52:34	NORTHWES	23.87	9.51	5.20	55.80	77.23	8.78	23.87	33.38	38.58	94.38	171.60	180.39	78.6	106.2
7/28/2011 07:53:44	NORTHWES	25.21	10.48	3.89	37.08	22.62	0.00	25.21	35.69	39.58	76.66	99.28	99.28	78.6	95.3
7/28/2011 07:54:54	NORTHWES	19.73	6.16	3.54	31.47	13.07	0.46	19.73	25.88	29.42	60.89	73.96	74.42	79.6	79.4
7/28/2011 07:56:04	NORTHWES	22.27	8.17	3.85	30.74	8.78	0.92	22.27	30.44	34.29	65.03	73.81	74.73	80.6	81.2
7/28/2011 07:57:14	NORTHWES	23.22	8.32	3.84	30.33	13.65	0.00	23.22	31.55	35.39	65.71	79.37	79.37	81.1	91.1
7/28/2011 07:58:24	NORTHWES	20.87	6.80	3.24	30.79	9.17	0.46	20.87	27.67	30.92	61.71	70.87	71.33	81.5	86.9
7/28/2011 07:59:34	NORTHWES	22.92	8.28	3.96	34.96	49.73	8.32	22.92	31.20	35.16	70.11	119.84	128.16	81.5	90.3
7/28/2011 08:00:44	NORTHWES	27.16	12.65	6.16	73.08	98.87	12.02	27.16	39.81	45.97	119.06	217.93	229.95	79.6	81.2
7/28/2011 08:01:54	NORTHWES	31.05	15.97	4.05	33.79	14.24	2.77	31.05	47.02	51.07	84.86	99.10	101.87	79.1	108.4

**Studebaker Demolition Phase IV  
Particulate Monitoring Data  
Foundry Building**

Instrument Model: HH 3016 IAQ															
Instrument Serial #: 071244006															
Downloaded On: 7/29/2011 11:04:13															
Particle Density: 2.500 g/ml															
Data Duration: 7/28/2011 07:09:39 to 7/28/2011 15:52:10															
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> )	Temperature (F)	Relative Humidity (%)
7/28/2011 08:03:04	NORTHWES	24.41	9.36	4.97	62.31	81.91	14.33	24.41	33.77	38.74	101.05	182.96	197.29	79.6	78.8
7/28/2011 08:12:50	NORTHEAS	26.22	9.28	3.00	26.40	9.17	0.92	26.22	35.51	38.51	64.91	74.07	75.00	81.1	102.0
7/28/2011 08:14:00	NORTHEAS	26.01	9.40	3.01	23.82	7.80	0.00	26.01	35.41	38.42	62.23	70.03	70.03	84.0	92.9
7/28/2011 08:15:10	NORTHEAS	26.96	10.20	3.11	24.67	4.68	0.00	26.96	37.16	40.27	64.94	69.62	69.62	82.5	99.1
7/28/2011 08:16:20	NORTHEAS	27.62	11.25	3.13	25.06	5.27	0.00	27.62	38.87	42.00	67.06	72.33	72.33	80.1	105.3
7/28/2011 08:17:30	NORTHEAS	27.33	10.97	3.37	26.60	7.22	0.46	27.33	38.30	41.67	68.27	75.48	75.94	82.0	100.4
7/28/2011 08:18:40	NORTHEAS	28.30	11.88	3.11	23.18	6.44	0.46	28.30	40.18	43.29	66.47	72.91	73.37	81.1	102.4
7/28/2011 08:19:50	NORTHEAS	27.82	11.06	2.93	24.28	7.02	0.92	27.82	38.88	41.81	66.09	73.11	74.03	81.1	102.9
7/28/2011 08:21:00	NORTHEAS	31.57	16.78	3.76	29.72	7.41	1.85	31.57	48.35	52.11	81.82	89.23	91.08	79.6	109.1
7/28/2011 08:22:10	NORTHEAS	30.62	15.55	3.66	28.30	8.58	0.92	30.62	46.17	49.83	78.13	86.71	87.64	80.1	108.0
7/28/2011 08:23:20	NORTHEAS	30.29	14.45	3.30	25.65	7.61	0.00	30.29	44.73	48.04	73.68	81.29	81.29	79.6	108.0
7/28/2011 09:04:34	SOUTHEAS	35.74	24.84	5.26	36.59	22.23	0.46	35.74	60.58	65.84	102.43	124.66	125.13	78.6	106.4
7/28/2011 09:05:44	SOUTHEAS	22.45	7.57	3.54	30.13	24.38	4.62	22.45	30.02	33.56	63.69	88.07	92.69	80.1	80.7
7/28/2011 09:06:54	SOUTHEAS	22.77	8.13	3.05	19.97	8.97	1.39	22.77	30.90	33.95	53.92	62.89	64.27	80.1	57.8
7/28/2011 09:08:04	SOUTHEAS	31.80	18.37	4.03	32.93	20.67	0.46	31.80	50.17	54.20	87.13	107.80	108.27	79.1	67.2
7/28/2011 09:09:14	SOUTHEAS	20.88	6.47	2.95	28.47	14.04	0.00	20.88	27.35	30.29	58.76	72.81	72.81	80.6	60.4
7/28/2011 09:10:24	SOUTHEAS	32.66	19.59	4.14	26.84	10.92	0.46	32.66	52.24	56.39	83.23	94.15	94.61	79.1	96.7
7/28/2011 09:11:34	SOUTHEAS	31.08	17.21	3.66	23.89	4.29	0.46	31.08	48.29	51.95	75.84	80.13	80.59	79.1	94.7
7/28/2011 09:12:44	SOUTHEAS	27.18	12.59	3.20	20.79	3.71	0.00	27.18	39.78	42.98	63.77	67.48	67.48	79.6	87.6
7/28/2011 09:13:54	SOUTHEAS	27.96	14.67	3.47	22.99	13.85	4.16	27.96	42.63	46.10	69.09	82.93	87.09	81.1	105.8
7/28/2011 09:15:04	SOUTHEAS	37.27	30.46	5.62	30.74	11.90	0.92	37.27	67.73	73.35	104.09	115.99	116.91	79.6	112.0
7/28/2011 09:52:28	NORTHEAS	36.47	22.46	4.00	24.69	7.80	0.46	36.47	58.93	62.92	87.62	95.42	95.88	80.1	117.0
7/28/2011 09:53:38	NORTHEAS	35.48	20.45	3.76	24.82	5.07	0.00	35.48	55.94	59.70	84.51	89.58	89.58	82.0	115.3
7/28/2011 09:54:48	NORTHEAS	33.11	17.09	3.23	21.09	1.56	0.00	33.11	50.20	53.43	74.52	76.08	76.08	80.6	114.2
7/28/2011 09:55:58	NORTHEAS	32.14	16.31	2.94	23.09	3.51	0.00	32.14	48.45	51.38	74.47	77.98	77.98	81.1	115.1
7/28/2011 09:57:08	NORTHEAS	31.82	15.30	2.96	22.99	3.90	0.00	31.82	47.12	50.09	73.07	76.97	76.97	83.5	110.4
7/28/2011 09:58:18	NORTHEAS	29.66	12.90	2.75	21.77	4.10	0.00	29.66	42.55	45.30	67.07	71.17	71.17	85.9	100.9
7/28/2011 09:59:28	NORTHEAS	28.63	12.32	2.51	17.94	1.17	0.00	28.63	40.95	43.46	61.41	62.58	62.58	80.6	113.9
7/28/2011 10:00:38	NORTHEAS	29.79	12.91	2.71	24.26	3.90	0.00	29.79	42.70	45.41	69.66	73.56	73.56	83.0	107.7
7/28/2011 10:01:48	NORTHEAS	28.43	11.89	2.75	21.87	3.90	0.46	28.43	40.32	43.07	64.93	68.83	69.29	83.0	110.6
7/28/2011 10:02:58	NORTHEAS	27.81	11.39	2.54	20.79	2.93	0.00	27.81	39.20	41.74	62.53	65.46	65.46	82.5	106.6
7/28/2011 11:09:34	WEST	21.09	6.42	2.19	21.26	7.80	1.85	21.09	27.51	29.70	50.95	58.76	60.60	84.5	97.4
7/28/2011 11:10:44	WEST	20.73	6.28	2.14	23.65	10.53	0.46	20.73	27.01	29.14	52.79	63.32	63.78	85.0	97.6
7/28/2011 11:11:54	WEST	20.38	6.04	2.10	21.09	9.36	0.46	20.38	26.42	28.52	49.61	58.97	59.43	85.4	97.4
7/28/2011 11:13:04	WEST	19.96	5.76	1.99	20.14	6.44	0.00	19.96	25.72	27.72	47.85	54.29	54.29	85.9	96.4
7/28/2011 11:14:14	WEST	20.52	6.19	2.10	20.62	6.44	0.00	20.52	26.71	28.81	49.43	55.87	55.87	85.0	97.6
7/28/2011 11:15:24	WEST	20.68	6.49	2.15	21.28	7.02	0.46	20.68	27.16	29.32	50.60	57.62	58.08	85.0	96.9
7/28/2011 11:16:34	WEST	21.15	6.60	2.35	22.18	12.29	0.46	21.15	27.76	30.11	52.29	64.58	65.04	85.0	98.2
7/28/2011 11:17:44	WEST	20.59	6.45	2.78	37.44	24.18	0.92	20.59	27.05	29.83	67.27	91.46	92.38	85.9	89.1



**Studebaker Demolition Phase IV  
Particulate Monitoring Data  
Foundry Building**

Instrument Model: HH 3016 IAQ															
Instrument Serial #: 071244006															
Downloaded On: 7/29/2011 11:04:13															
Particle Density: 2.500 g/ml															
Data Duration: 7/28/2011 07:09:39 to 7/28/2011 15:52:10															
Timestamp	Location (Name)	0.3 micron (ug/m³)	0.5 micron (ug/m³)	1.0 micron (ug/m³)	2.5 micron (ug/m³)	5.0 micron (ug/m³)	10.0 micron (ug/m³)	PM0.5 (ug/m³)	PM1.0 (ug/m³)	PM2.5 (ug/m³)	PM5.0 (ug/m³)	PM10.0 (ug/m³)	TPM (ug/m³)	Temperature (F)	Relative Humidity (%)
7/28/2011 11:18:54	WEST	20.82	6.55	3.26	40.39	25.74	0.00	20.82	27.36	30.63	71.02	96.76	96.76	85.9	96.2
7/28/2011 11:20:04	WEST	21.09	6.65	2.95	37.69	22.62	0.46	21.09	27.74	30.68	68.37	90.99	91.46	85.4	97.6
7/28/2011 11:30:09	NORTHEAS	19.22	5.44	2.19	26.79	27.30	0.92	19.22	24.66	26.84	53.63	80.93	81.86	85.4	88.9
7/28/2011 11:31:19	NORTHEAS	19.93	5.96	1.85	17.60	6.63	0.00	19.93	25.90	27.75	45.35	51.98	51.98	84.5	100.0
7/28/2011 11:32:29	NORTHEAS	20.81	6.50	1.73	17.45	5.85	0.00	20.81	27.31	29.04	46.49	52.34	52.34	85.9	99.3
7/28/2011 11:33:39	NORTHEAS	19.48	5.73	1.72	14.60	2.93	0.00	19.48	25.20	26.92	41.52	44.45	44.45	86.9	93.2
7/28/2011 11:34:49	NORTHEAS	20.12	5.99	1.83	17.02	4.88	0.00	20.12	26.12	27.94	44.96	49.83	49.83	88.4	83.2
7/28/2011 11:35:59	NORTHEAS	19.02	5.43	1.86	17.45	6.24	0.46	19.02	24.45	26.31	43.76	50.00	50.47	87.4	90.7
7/28/2011 11:37:09	NORTHEAS	18.69	5.43	2.07	21.23	8.97	0.00	18.69	24.12	26.19	47.42	56.39	56.39	86.4	84.5
7/28/2011 11:38:19	NORTHEAS	17.87	4.88	1.67	16.43	5.46	0.46	17.87	22.75	24.43	40.86	46.32	46.78	87.4	89.4
7/28/2011 11:39:29	NORTHEAS	19.51	5.84	1.72	17.36	8.58	0.00	19.51	25.35	27.07	44.42	53.00	53.00	86.9	96.2
7/28/2011 11:40:39	NORTHEAS	18.30	5.16	1.81	17.70	11.12	1.39	18.30	23.46	25.27	42.97	54.09	55.47	87.4	83.2
7/28/2011 11:45:57	NORTH_CE	15.26	4.03	1.63	14.04	1.95	0.92	15.26	19.29	20.92	34.96	36.91	37.83	83.0	98.4
7/28/2011 11:47:07	NORTH_CE	15.34	4.20	1.65	14.68	4.10	0.00	15.34	19.54	21.19	35.87	39.96	39.96	83.5	96.5
7/28/2011 11:48:17	NORTH_CE	15.07	4.03	1.63	13.58	3.32	0.00	15.07	19.11	20.73	34.31	37.63	37.63	83.0	96.5
7/28/2011 11:49:27	NORTH_CE	14.96	4.05	1.65	13.29	2.15	0.00	14.96	19.01	20.66	33.94	36.09	36.09	82.5	96.7
7/28/2011 11:50:37	NORTH_CE	14.99	3.99	1.75	18.31	6.05	0.46	14.99	18.98	20.73	39.04	45.09	45.55	83.5	95.6
7/28/2011 11:51:47	NORTH_CE	14.78	3.98	1.64	15.36	2.93	0.00	14.78	18.76	20.40	35.76	38.68	38.68	83.5	95.6
7/28/2011 11:52:57	NORTH_CE	14.39	3.76	1.64	13.63	3.12	0.00	14.39	18.15	19.79	33.41	36.53	36.53	83.5	92.0
7/28/2011 11:54:07	NORTH_CE	14.51	4.64	1.98	13.48	1.56	0.46	14.51	19.15	21.13	34.61	36.17	36.63	83.5	93.4
7/28/2011 11:55:17	NORTH_CE	14.46	5.55	2.39	13.99	1.95	0.00	14.46	20.01	22.40	36.39	38.34	38.34	83.5	92.9
7/28/2011 11:56:27	NORTH_CE	15.04	6.93	2.94	14.31	1.76	0.00	15.04	21.97	24.91	39.22	40.98	40.98	83.5	89.6
7/28/2011 12:48:50	JAIL	14.75	4.06	1.82	15.53	4.10	0.46	14.75	18.81	20.63	36.16	40.25	40.71	84.0	85.0
7/28/2011 12:50:00	JAIL	14.72	4.03	1.90	18.11	6.05	0.46	14.72	18.75	20.65	38.76	44.80	45.27	85.4	78.8
7/28/2011 12:51:10	JAIL	14.59	3.94	2.14	17.28	6.24	0.00	14.59	18.53	20.67	37.96	44.20	44.20	86.4	78.5
7/28/2011 12:52:20	JAIL	14.58	4.05	1.92	16.28	4.88	0.00	14.58	18.64	20.56	36.85	41.72	41.72	84.5	82.8
7/28/2011 12:53:30	JAIL	14.58	4.34	1.92	15.77	3.12	0.00	14.58	18.92	20.84	36.61	39.73	39.73	83.5	85.0
7/28/2011 12:54:40	JAIL	14.32	4.03	2.01	17.80	5.85	0.00	14.32	18.35	20.36	38.16	44.01	44.01	85.4	79.6
7/28/2011 12:55:50	JAIL	13.69	3.87	2.30	23.55	23.21	2.31	13.69	17.56	19.86	43.41	66.62	68.93	86.9	69.9
7/28/2011 12:57:00	JAIL	14.38	4.19	2.31	20.53	8.19	0.46	14.38	18.57	20.88	41.41	49.60	50.06	86.4	77.9
7/28/2011 12:58:10	JAIL	14.46	4.02	1.98	20.53	8.58	0.00	14.46	18.48	20.46	40.98	49.56	49.56	87.4	73.4
7/28/2011 12:59:20	JAIL	13.30	3.55	2.22	21.53	11.51	0.00	13.30	16.85	19.07	40.59	52.10	52.10	90.3	68.4
7/28/2011 13:08:15	PD	13.48	3.57	1.86	18.09	4.88	0.46	13.48	17.05	18.91	37.00	41.87	42.34	85.0	81.0
7/28/2011 13:09:25	PD	13.40	3.62	1.80	14.09	2.54	0.00	13.40	17.02	18.83	32.92	35.45	35.45	85.4	80.3
7/28/2011 13:10:35	PD	13.42	3.61	1.76	15.89	2.93	0.00	13.42	17.04	18.80	34.70	37.62	37.62	85.9	78.1
7/28/2011 13:11:45	PD	13.32	3.56	1.90	15.46	3.12	0.00	13.32	16.87	18.77	34.23	37.35	37.35	86.4	77.0
7/28/2011 13:12:55	PD	13.56	3.63	1.92	16.53	4.88	0.00	13.56	17.18	19.10	35.63	40.51	40.51	85.9	78.1
7/28/2011 13:14:05	PD	13.46	3.59	1.71	16.50	3.90	0.00	13.46	17.05	18.76	35.26	39.16	39.16	86.4	77.9
7/28/2011 13:15:15	PD	13.21	3.51	1.77	14.77	4.88	0.00	13.21	16.73	18.50	33.27	38.15	38.15	85.4	80.5

**Studebaker Demolition Phase IV  
Particulate Monitoring Data  
Foundry Building**

Instrument Model: HH 3016 IAQ  
 Instrument Serial #: 071244006  
 Downloaded On: 7/29/2011 11:04:13  
 Particle Density: 2.500 g/ml  
 Data Duration: 7/28/2011 07:09:39 to 7/28/2011 15:52:10

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> )	Temperature (F)	Relative Humidity (%)
7/28/2011 13:16:25	PD	13.34	3.69	1.91	14.80	4.29	0.00	13.34	17.03	18.94	33.74	38.03	38.03	85.0	82.3
7/28/2011 13:17:35	PD	13.18	3.64	1.85	16.14	5.27	0.92	13.18	16.82	18.66	34.80	40.07	40.99	85.9	80.3
7/28/2011 13:18:45	PD	12.91	3.51	1.83	14.50	4.10	0.46	12.91	16.42	18.26	32.76	36.86	37.32	85.4	80.7
7/28/2011 13:25:50	WEST	11.65	3.00	2.85	31.91	27.89	3.70	11.65	14.65	17.50	49.41	77.30	80.99	87.4	78.1
7/28/2011 13:27:00	WEST	11.88	3.04	1.82	16.36	6.83	0.46	11.88	14.92	16.74	33.10	39.92	40.39	86.9	87.2
7/28/2011 13:28:10	WEST	10.85	2.64	1.63	13.94	7.22	0.00	10.85	13.50	15.13	29.07	36.29	36.29	88.4	81.2
7/28/2011 13:29:20	WEST	11.68	2.99	2.14	17.65	3.32	0.00	11.68	14.67	16.81	34.46	37.78	37.78	86.9	82.7
7/28/2011 13:30:30	WEST	11.56	3.09	2.81	31.11	24.18	1.39	11.56	14.65	17.46	48.56	72.74	74.13	87.9	82.1
7/28/2011 13:31:40	WEST	10.75	2.99	3.65	44.37	28.67	1.85	10.75	13.74	17.39	61.76	90.42	92.27	88.4	78.8
7/28/2011 13:32:50	WEST	10.83	2.85	2.82	29.55	15.99	0.46	10.83	13.68	16.50	46.05	62.04	62.50	86.9	67.0
7/28/2011 13:34:00	WEST	10.81	2.71	2.11	19.75	11.70	0.92	10.81	13.52	15.63	35.38	47.08	48.00	89.4	72.1
7/28/2011 13:35:10	WEST	10.90	2.80	2.47	32.08	27.89	1.39	10.90	13.70	16.17	48.25	76.14	77.52	87.9	81.6
7/28/2011 13:36:20	WEST	11.19	2.88	1.94	21.43	13.46	0.46	11.19	14.07	16.01	37.44	50.90	51.36	86.9	86.9
7/28/2011 13:40:02	NORTHEAS	11.17	2.81	1.84	14.82	4.49	0.00	11.17	13.98	15.82	30.64	35.12	35.12	85.4	80.5
7/28/2011 13:41:12	NORTHEAS	11.54	2.95	1.92	16.11	4.10	0.00	11.54	14.49	16.41	32.52	36.62	36.62	86.4	78.6
7/28/2011 13:42:22	NORTHEAS	11.79	3.17	2.64	34.74	30.03	2.31	11.79	14.97	17.60	52.34	82.37	84.68	86.4	77.4
7/28/2011 13:43:32	NORTHEAS	11.90	3.15	2.05	17.99	11.31	1.39	11.90	15.05	17.10	35.09	46.40	47.79	85.9	79.2
7/28/2011 13:44:42	NORTHEAS	11.78	3.02	1.88	16.84	4.88	0.46	11.78	14.80	16.68	33.52	38.40	38.86	85.0	82.3
7/28/2011 13:45:52	NORTHEAS	10.88	2.79	1.84	14.97	4.10	0.00	10.88	13.67	15.51	30.48	34.57	34.57	84.0	82.5
7/28/2011 13:47:02	NORTHEAS	10.97	2.83	1.72	14.04	3.71	0.46	10.97	13.79	15.51	29.55	33.26	33.72	84.0	83.8
7/28/2011 13:48:12	NORTHEAS	11.09	2.85	1.72	15.97	4.88	0.92	11.09	13.94	15.66	31.63	36.50	37.43	84.5	82.5
7/28/2011 13:49:22	NORTHEAS	11.13	2.79	1.78	13.68	3.12	0.46	11.13	13.92	15.70	29.37	32.49	32.95	84.5	83.0
7/28/2011 13:50:32	NORTHEAS	11.07	2.83	1.79	15.38	3.90	0.92	11.07	13.90	15.69	31.07	34.97	35.89	85.0	82.5
7/28/2011 13:53:56	NORTH_CE	9.99	2.38	2.03	24.28	23.99	2.31	9.99	12.37	14.39	38.67	62.66	64.97	89.8	75.4
7/28/2011 13:55:06	NORTH_CE	9.80	2.30	1.73	18.01	10.53	0.92	9.80	12.10	13.83	31.84	42.37	43.30	93.3	69.2
7/28/2011 13:56:16	NORTH_CE	9.66	2.30	1.87	18.43	9.17	0.92	9.66	11.97	13.83	32.26	41.43	42.35	93.8	67.0
7/28/2011 13:57:26	NORTH_CE	9.06	2.11	1.65	15.48	5.46	0.46	9.06	11.18	12.82	28.30	33.77	34.23	95.7	64.4
7/28/2011 13:58:36	NORTH_CE	8.82	2.06	1.63	13.46	5.46	0.00	8.82	10.87	12.51	25.96	31.42	31.42	96.2	64.1
7/28/2011 13:59:46	NORTH_CE	8.74	2.01	1.65	13.04	5.66	0.92	8.74	10.75	12.40	25.44	31.10	32.02	95.7	64.1
7/28/2011 14:00:56	NORTH_CE	8.82	2.01	1.50	12.75	2.93	0.46	8.82	10.83	12.33	25.08	28.01	28.47	95.2	63.5
7/28/2011 14:02:06	NORTH_CE	8.78	2.03	1.48	13.77	5.46	0.92	8.78	10.81	12.29	26.06	31.53	32.45	95.7	64.2
7/28/2011 14:03:16	NORTH_CE	8.77	1.96	1.53	13.58	4.49	0.00	8.77	10.74	12.27	25.85	30.33	30.33	96.7	64.6
7/28/2011 14:04:26	NORTH_CE	8.11	1.81	1.59	13.58	6.05	0.46	8.11	9.91	11.50	25.08	31.13	31.59	98.1	61.1
7/28/2011 14:23:18	NORTH	9.51	1.96	2.40	26.69	6.44	0.46	9.51	11.48	13.88	40.57	47.01	47.47	87.9	72.8
7/28/2011 14:24:28	NORTH	6.66	1.78	2.32	27.89	11.90	0.00	6.66	8.42	10.74	38.63	50.53	50.53	86.9	73.7
7/28/2011 14:25:38	NORTH	6.61	1.77	2.38	29.59	18.33	0.92	6.61	8.37	10.76	40.35	58.68	59.61	85.4	76.8
7/28/2011 14:26:48	NORTH	7.00	1.88	2.17	24.26	11.31	0.46	7.00	8.88	11.05	35.30	46.61	47.08	85.0	77.6
7/28/2011 14:27:58	NORTH	6.25	1.65	2.10	21.04	10.53	0.00	6.25	7.90	10.00	31.04	41.57	41.57	83.5	80.1
7/28/2011 14:29:08	NORTH	6.46	1.68	1.91	16.21	4.68	0.00	6.46	8.14	10.04	26.26	30.94	30.94	84.5	80.5

**Studebaker Demolition Phase IV  
Particulate Monitoring Data  
Foundry Building**

Instrument Model: HH 3016 IAQ Instrument Serial #: 071244006 Downloaded On: 7/29/2011 11:04:13 Particle Density: 2.500 g/ml Data Duration: 7/28/2011 07:09:39 to 7/28/2011 15:52:10															
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> )	Temperature (F)	Relative Humidity (%)
7/28/2011 14:30:18	NORTH	6.45	1.79	2.15	19.28	8.78	1.39	6.45	8.24	10.39	29.67	38.44	39.83	85.4	77.7
7/28/2011 14:31:28	NORTH	6.46	1.86	2.92	36.08	22.82	2.31	6.46	8.32	11.24	47.32	70.13	72.44	86.9	73.7
7/28/2011 14:32:38	NORTH	6.45	1.79	2.61	28.50	19.70	0.92	6.45	8.24	10.85	39.35	59.04	59.97	86.4	74.1
7/28/2011 14:33:48	NORTH	6.81	2.08	2.99	35.79	19.70	0.92	6.81	8.90	11.89	47.67	67.37	68.29	84.5	78.1
7/28/2011 14:52:52	WEST	6.67	2.43	8.46	174.30	257.62	6.01	6.67	9.10	17.56	191.86	449.48	455.49	85.9	70.6
7/28/2011 14:54:02	WEST	6.54	1.88	3.02	27.77	15.02	0.00	6.54	8.41	11.43	39.20	54.22	54.22	94.2	60.9
7/28/2011 14:55:12	WEST	6.36	1.86	2.67	25.13	17.16	0.00	6.36	8.22	10.89	36.02	53.19	53.19	87.9	61.3
7/28/2011 14:56:22	WEST	6.71	1.84	2.07	15.09	3.51	0.00	6.71	8.55	10.63	25.72	29.23	29.23	90.3	62.2
7/28/2011 14:57:32	WEST	6.68	1.83	2.06	13.60	6.63	0.46	6.68	8.51	10.57	24.17	30.80	31.27	89.4	55.1
7/28/2011 14:58:42	WEST	6.96	1.92	1.99	13.58	3.32	0.46	6.96	8.88	10.87	24.45	27.76	28.23	89.4	65.1
7/28/2011 14:59:52	WEST	6.80	1.88	1.97	13.63	5.85	0.46	6.80	8.68	10.66	24.29	30.14	30.60	87.9	52.6
7/28/2011 15:01:02	WEST	6.98	1.93	2.38	18.67	10.92	0.00	6.98	8.91	11.29	29.96	40.88	40.88	86.9	57.8
7/28/2011 15:02:12	WEST	6.94	1.88	2.13	15.43	8.39	0.00	6.94	8.81	10.94	26.37	34.76	34.76	91.3	56.0
7/28/2011 15:03:22	WEST	6.91	2.02	3.22	41.12	43.88	0.46	6.91	8.93	12.15	53.28	97.15	97.62	92.8	55.8
7/28/2011 15:08:28	NORTH_CE	7.68	2.19	3.33	36.25	29.06	2.31	7.68	9.86	13.19	49.44	78.50	80.81	87.9	67.9
7/28/2011 15:09:38	NORTH_CE	7.47	2.04	2.79	33.13	26.52	0.46	7.47	9.51	12.30	45.43	71.95	72.41	90.3	57.5
7/28/2011 15:10:48	NORTH_CE	7.66	2.14	2.36	19.89	8.97	0.00	7.66	9.80	12.16	32.05	41.02	41.02	90.3	66.2
7/28/2011 15:11:58	NORTH_CE	7.81	2.15	2.24	15.43	3.12	0.00	7.81	9.97	12.21	27.64	30.76	30.76	85.9	70.6
7/28/2011 15:13:08	NORTH_CE	7.69	2.17	2.10	12.68	2.73	0.46	7.69	9.86	11.96	24.64	27.37	27.83	84.0	58.0
7/28/2011 15:14:18	NORTH_CE	7.91	2.11	2.26	13.99	3.12	0.46	7.91	10.02	12.28	26.28	29.40	29.86	85.9	72.1
7/28/2011 15:15:28	NORTH_CE	8.32	2.26	2.48	15.55	2.54	0.00	8.32	10.58	13.06	28.61	31.15	31.15	85.0	72.6
7/28/2011 15:16:38	NORTH_CE	7.55	2.03	2.24	13.48	2.15	0.00	7.55	9.58	11.83	25.31	27.45	27.45	90.8	58.0
7/28/2011 15:17:48	NORTH_CE	7.62	2.04	2.08	13.60	2.34	0.00	7.62	9.66	11.74	25.34	27.68	27.68	93.3	56.0
7/28/2011 15:18:58	NORTH_CE	7.61	2.10	1.80	10.97	0.39	0.00	7.61	9.71	11.51	22.48	22.87	22.87	85.9	58.9
7/28/2011 15:25:34	NORTHEAS	7.55	2.75	8.01	127.86	102.19	3.24	7.55	10.30	18.31	146.16	248.35	251.59	87.9	57.5
7/28/2011 15:26:44	NORTHEAS	7.72	2.17	2.53	24.96	12.68	0.92	7.72	9.89	12.42	37.38	50.06	50.98	88.4	60.8
7/28/2011 15:27:54	NORTHEAS	7.64	2.02	1.87	9.58	1.17	0.00	7.64	9.66	11.53	21.11	22.28	22.28	85.4	52.6
7/28/2011 15:29:04	NORTHEAS	7.91	2.10	1.90	10.68	1.17	0.46	7.91	10.01	11.91	22.59	23.76	24.22	86.9	61.9
7/28/2011 15:30:14	NORTHEAS	7.70	2.07	1.81	11.70	3.12	0.00	7.70	9.78	11.59	23.29	26.41	26.41	88.4	55.1
7/28/2011 15:31:24	NORTHEAS	7.89	2.09	1.73	10.04	2.34	0.00	7.89	9.98	11.71	21.75	24.09	24.09	87.9	56.0
7/28/2011 15:32:34	NORTHEAS	7.76	2.03	1.86	10.02	0.98	0.92	7.76	9.79	11.65	21.67	22.65	23.57	89.8	49.8
7/28/2011 15:33:44	NORTHEAS	7.64	1.96	1.77	9.34	2.15	0.00	7.64	9.60	11.37	20.71	22.86	22.86	89.8	52.7
7/28/2011 15:34:54	NORTHEAS	7.56	1.96	1.75	10.04	0.20	0.00	7.56	9.53	11.27	21.32	21.51	21.51	91.8	48.0
7/28/2011 15:36:04	NORTHEAS	7.64	2.15	3.47	47.63	53.83	4.16	7.64	9.79	13.26	60.89	114.71	118.87	95.7	50.4
7/28/2011 15:41:40	NORTH	8.29	3.91	15.91	269.66	268.74	5.55	8.29	12.20	28.11	297.77	566.51	572.06	92.8	53.6
7/28/2011 15:42:50	NORTH	8.38	2.26	2.92	26.06	7.02	0.00	8.38	10.64	13.56	39.62	46.64	46.64	93.3	49.5
7/28/2011 15:44:00	NORTH	8.20	2.14	2.53	21.43	3.51	0.92	8.20	10.34	12.88	34.30	37.81	38.74	94.7	50.4
7/28/2011 15:45:10	NORTH	7.70	2.01	2.42	19.19	10.14	0.46	7.70	9.71	12.13	31.31	41.45	41.92	96.7	46.2
7/28/2011 15:46:20	NORTH	8.11	2.10	2.20	20.26	8.19	0.00	8.11	10.21	12.40	32.66	40.85	40.85	96.7	47.3

**Studebaker Demolition Phase IV  
Particulate Monitoring Data  
Foundry Building**

Instrument Model: HH 3016 IAQ															
Instrument Serial #: 071244006															
Downloaded On: 7/29/2011 11:04:13															
Particle Density: 2.600 g/ml															
Data Duration: 7/28/2011 07:09:39 to 7/28/2011 15:52:10															
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> )	Temperature (F)	Relative Humidity (%)
7/28/2011 15:47:30	NORTH	7.96	2.02	2.10	13.90	1.56	0.00	7.96	9.99	12.09	25.99	27.55	27.55	96.7	49.5
7/28/2011 15:48:40	NORTH	7.88	1.99	2.07	13.19	2.73	0.00	7.88	9.87	11.94	25.12	27.86	27.86	98.1	44.7
7/28/2011 15:49:50	NORTH	7.74	1.98	2.61	24.62	21.45	0.46	7.74	9.72	12.33	36.95	58.40	58.86	99.6	45.4
7/28/2011 15:51:00	NORTH	7.50	2.06	3.09	35.32	26.72	4.16	7.50	9.56	12.65	47.97	74.69	78.85	101.1	41.1
7/28/2011 15:52:10	NORTH	7.60	1.93	2.22	22.11	18.53	0.92	7.60	9.53	11.75	33.86	52.39	53.31	100.6	42.3
	Average	18.02	7.99	2.94	25.64	14.40	0.89	18.02	26.01	28.94	54.58	68.99	69.88	85.3	83.1
	Maximum	39.49	39.96	15.91	269.66	268.74	14.33	39.49	79.33	87.05	297.77	566.51	572.06	101.1	117.0
	Minimum	6.25	1.65	1.48	9.34	0.20	0.00	6.25	7.90	10.00	20.71	21.51	21.51	78.1	41.1
	Standard Deviation	9.87	8.18	1.65	23.62	29.10	1.82	9.87	17.64	18.61	32.07	56.50	57.53	5.2	18.9
	Flow Status	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	NA	NA

Wind Speed Data  
Stuebaker - Foundry Building

FORMATTED DATE-TIME	DT	MG	TR	WS	CW	HW	TP	WC	RH	HI	DP	WB	BP	AL	DA
YYYY-MM-DD HH:MM:SS	s	Mag	TRUE	mph	mph	mph	°F	°F	%	°F	°F	°F	InHg	ft	ft
7/28/2011 7:18	365152680	137	137	1.2	0.8	-0.8	79.6	79.5	64.7	81.9	66.7	70.5	29.13	730	2520
7/28/2011 7:19	365152740	140	140	0	0	0	79.1	79.2	83.5	84.9	73.7	75.2	29.13	728	2573
7/28/2011 7:20	365152800	140	140	0	0	0	79.7	79.7	83.1	86	74.1	75.6	29.13	728	2610
7/28/2011 7:21	365152860	140	140	0	0	0	79.4	79.5	84.7	86	74.4	75.7	29.13	725	2603
7/28/2011 7:22	365152920	141	141	0	0	0	81.3	81.3	78.2	88.2	73.8	75.7	29.13	724	2704
7/28/2011 7:23	365152980	143	143	0	0	0	81.8	81.9	65.9	85.8	69.3	72.9	29.13	724	2686
7/28/2011 7:24	365153040	143	143	0	0	0	82.6	82.6	74.7	89.8	73.8	75.9	29.14	720	2775
7/28/2011 7:25	365153100	144	144	0	0	0	82.9	82.9	67.7	88.7	71.1	74.3	29.13	723	2772
7/28/2011 7:26	365153160	144	144	0	0	0	80.1	80.1	78.6	85.8	72.9	74.8	29.13	725	2615
7/28/2011 7:27	365153220	144	144	0	0	0	81.5	81.5	77.7	88.3	73.9	75.9	29.13	724	2716
7/28/2011 7:28	365153280	144	144	0	0	0	83.1	83.1	66.8	88.7	70.9	74.3	29.13	723	2780
7/28/2011 7:29	365153340	144	144	0	0	0	83.4	83.5	64	88.7	70	73.8	29.14	721	2790
7/28/2011 7:30	365153400	144	144	0	0	0	83.6	83.7	59.3	87.8	67.9	72.5	29.14	721	2777
7/28/2011 7:31	365153460	177	177	0	0	0	80.6	80.6	39.6	78.8	53.8	63.5	29.14	717	2465
7/28/2011 7:32	365153520	264	264	0.9	0.9	-0.1	87.7	87.8	64.5	98.4	74.3	77.7	29.14	716	3102
7/28/2011 7:33	365153580	263	263	0.9	0.9	-0.1	91.3	91.4	55.7	103.1	73.2	77.9	29.14	714	3303
7/28/2011 7:34	365153640	263	263	1	1	-0.1	93.2	93.2	53.8	106.3	73.9	78.8	29.14	713	3421
7/28/2011 7:35	365153700	262	262	1.1	1	-0.1	93.7	93.7	53.5	107.4	74.2	79.2	29.14	717	3462
7/28/2011 7:36	365153760	261	261	1	1	-0.2	93.4	93.4	54.4	107.1	74.5	79.2	29.14	718	3439
7/28/2011 7:37	365153820	263	263	0	0	0	90.9	90.9	52	99.9	70.8	76.3	29.14	716	3242
7/28/2011 7:38	365153880	261	261	0.9	0.9	-0.1	94.2	94.3	52.2	107.8	74	79.2	29.14	714	3483
7/28/2011 7:39	365153940	259	259	1	1	-0.2	94.3	94.3	51.3	107.2	73.5	78.8	29.14	713	3478
7/28/2011 7:40	365154000	259	259	1	0.9	-0.2	95.4	95.4	50.3	109.2	74	79.3	29.14	714	3547
7/28/2011 7:41	365154060	259	259	1	1	-0.2	95.9	95.9	49.8	110.3	74.2	79.5	29.15	710	3581
7/28/2011 7:42	365154120	260	260	1.2	1.2	-0.2	96	96.1	48.5	109.8	73.5	79.2	29.15	707	3583
7/28/2011 7:43	365154180	247	247	1.1	1	-0.4	95.8	95.9	49.6	110.3	73.9	79.5	29.15	709	3578
7/28/2011 7:44	365154240	155	155	0	0	0	92.8	92.8	36.9	96.3	62.6	72	29.15	707	3272
7/28/2011 7:45	365154300	100	100	0	0	0	87.5	87.4	30.4	85.5	52.6	65.3	29.15	707	2864
7/28/2011 7:46	365154360	64	64	0	0	0	85.3	85.3	65.5	93.2	72.4	75.9	29.15	709	2914
7/28/2011 7:47	365154420	64	64	0	0	0	83.2	83.1	74	90.9	74	76.5	29.15	709	2797
7/28/2011 7:48	365154480	64	64	0	0	0	88.1	88.2	63.6	98.8	74.2	77.7	29.15	709	3112
7/28/2011 7:49	365154540	64	64	0	0	0	85	84.9	69	93.7	73.7	76.6	29.15	707	2904
7/28/2011 7:50	365154600	64	64	0	0	0	86.8	86.7	67.8	97.3	74.9	77.9	29.15	705	3026
7/28/2011 7:51	365154660	64	64	0	0	0	85.4	85.5	68.5	94.8	73.9	76.8	29.15	709	2942
7/28/2011 7:52	365154720	64	64	0	0	0	84.3	84.4	71	93.2	73.9	76.6	29.15	709	2874
7/28/2011 7:53	365154780	73	73	0	0	0	84.6	84.6	70.6	93.4	74	76.6	29.15	709	2886
7/28/2011 7:54	365154840	74	74	0	0	0	82.7	82.8	65.1	87.4	69.7	73.4	29.15	709	2726
7/28/2011 7:55	365154900	73	73	0	0	0	80	80.1	76	85.1	71.8	74.1	29.15	709	2580
7/28/2011 7:56	365154960	70	70	0	0	0	81.7	81.7	78.2	88.9	74.3	76.3	29.15	709	2709
7/28/2011 7:57	365155020	70	70	0	0	0	82.5	82.6	73.1	89.4	73	75.6	29.15	709	2752
7/28/2011 7:58	365155080	70	70	0	0	0	83.1	83.1	75.9	91.6	74.7	76.8	29.15	707	2808
7/28/2011 7:59	365155140	70	70	0	0	0	81.6	81.5	67.8	85.8	69.9	73.2	29.15	709	2648
7/28/2011 8:00	365155200	70	70	0	0	0	78.9	79	57.8	79.7	62.8	68	29.15	709	2423

**Wind Speed Data**  
**Stuebaker - Foundry Building**

FORMATTED DATE-TIME	DT	MG	TR	WS	CW	HW	TP	WC	RH	HI	DP	WB	BP	AL	DA
YYYY-MM-DD HH:MM:SS	s	Mag	TRUE	mph	mph	mph	°F	°F	%	°F	°F	°F	inHg	ft	ft
7/28/2011 8:01	365155260	70	70	0	0	0	82.1	82	66.3	86.4	69.8	73.2	29.15	707	2678
7/28/2011 8:02	365155320	134	134	0	0	0	81.2	81.3	41.2	80.1	55.5	64.6	29.15	707	2508
7/28/2011 8:03	365155380	110	110	0	0	0	80	80.1	55.8	81	62.8	68.4	29.15	709	2490
7/28/2011 8:04	365155440	81	81	0	0	0	80.7	80.8	53.4	81.7	62.2	68.2	29.15	702	2520
7/28/2011 8:05	365155500	137	137	0	0	0	80	79.9	57.1	81	63.4	68.7	29.15	705	2478
7/28/2011 8:06	365155560	101	101	0	0	0	83.7	83.7	73.2	92.1	74.2	76.8	29.15	704	2828
7/28/2011 8:07	365155620	102	102	0	0	0	85	84.9	76	96.3	76.6	78.6	29.15	703	2935
7/28/2011 8:08	365155680	101	101	1.2	1.1	-0.2	84.2	84.2	68.6	91.8	72.7	75.7	29.15	703	2843
7/28/2011 8:09	365155740	99	99	1	0.9	-0.2	87.6	87.6	69.7	100.4	76.5	79.2	29.15	705	3105
7/28/2011 8:10	365155800	99	99	0.8	0.8	-0.1	84.9	84.9	71.7	94.8	74.8	77.4	29.15	706	2917
7/28/2011 8:11	365155860	99	99	0	0	0	87.2	87.3	69.7	99.5	76.1	79	29.15	706	3079
7/28/2011 8:12	365155920	99	99	0	0	0	82.4	82.4	71.2	88.3	72.1	74.8	29.15	707	2729
7/28/2011 8:13	365155980	99	99	0	0	0	83	83.1	72.3	90.5	73.2	75.7	29.15	706	2782
7/28/2011 8:14	365156040	99	99	0	0	0	81	81	77.1	87.1	73.2	75.2	29.15	707	2650
7/28/2011 8:15	365156100	99	99	0	0	0	80.4	80.4	82.4	87.4	74.5	75.9	29.15	705	2633
7/28/2011 8:16	365156160	99	99	0	0	0	82.7	82.8	79.5	91.8	75.7	77.5	29.15	707	2800
7/28/2011 8:17	365156220	99	99	0	0	0	80.3	80.2	80.6	86.5	73.8	75.4	29.15	707	2618
7/28/2011 8:18	365156280	274	274	0	0	0	80.9	81	82.6	88.5	75.1	76.6	29.15	704	2676
7/28/2011 8:19	365156340	273	273	0.8	0.8	0.1	85.9	86	70.8	97	75.3	78.1	29.15	709	2996
7/28/2011 8:20	365156400	273	273	1.1	1.1	0.1	85.1	85.1	72.4	95.5	75.3	77.7	29.14	712	2937
7/28/2011 8:21	365156460	273	273	1.4	1.4	0.1	85.5	85.5	70.6	95.5	74.9	77.5	29.15	707	2955
7/28/2011 8:22	365156520	273	273	1.1	1.1	0.1	86.1	86.2	69.8	97	75.1	78.1	29.15	709	3001
7/28/2011 8:23	365156580	273	273	0.7	0.7	0	82.6	82.6	78.2	90.9	75.1	77.2	29.15	707	2777
7/28/2011 8:24	365156640	273	273	0	0	0	80.9	81	82.5	88.5	75.1	76.6	29.15	709	2681
7/28/2011 8:25	365156700	273	273	1.1	1.1	0.1	81.2	81.1	83.8	89.2	75.8	77.2	29.15	707	2698
7/28/2011 8:26	365156760	273	273	1.3	1.3	0.1	82.2	82.2	80.7	90.7	75.7	77.4	29.14	712	2767
7/28/2011 8:27	365156820	273	273	2	2	0.1	83.9	83.8	75.9	93.4	75.5	77.5	29.15	709	2861
7/28/2011 8:28	365156880	273	273	3.1	3.1	0.2	83.6	83.7	76.4	93.2	75.4	77.4	29.15	711	2851
7/28/2011 8:29	365156940	273	273	2.3	2.3	0.1	83.7	83.7	76.3	93.2	75.4	77.4	29.15	709	2848
7/28/2011 8:30	365157000	273	273	2	2	0.1	85.1	85.1	74	96.1	75.9	78.3	29.15	707	2945
7/28/2011 8:31	365157060	273	273	2.6	2.6	0.1	84.1	84	74.8	93.4	75.2	77.4	29.14	713	2876
7/28/2011 8:32	365157120	273	273	1.2	1.2	0.1	85.2	85.1	74	96.1	75.9	78.3	29.15	709	2945
7/28/2011 8:33	365157180	218	218	0	0	0	83	82.9	70.2	89.2	72.3	75.2	29.15	706	2759
7/28/2011 8:34	365157240	217	217	0	0	0	79.7	79.7	45.3	78.6	56.7	64.8	29.15	709	2415
7/28/2011 8:35	365157300	218	218	0	0	0	78	78.1	40.2	76.1	51.9	61.9	29.15	704	2280
7/28/2011 8:36	365157360	218	218	0	0	0	77.2	77.2	38.8	74.8	50.2	60.6	29.15	709	2217
7/28/2011 8:37	365157420	225	225	0	0	0	77.9	77.9	37.2	75.6	49.7	60.6	29.15	707	2257
7/28/2011 8:38	365157480	225	225	0	0	0	78.2	78.3	38	75.9	50.5	61.2	29.15	705	2282
7/28/2011 8:39	365157540	225	225	0	0	0	78.2	78.3	36.5	75.7	49.5	60.6	29.15	709	2282
7/28/2011 8:40	365157600	225	225	0	0	0	78.2	78.3	35.7	75.6	48.8	60.4	29.15	707	2277
7/28/2011 8:41	365157660	225	225	0	0	0	78.2	78.3	36.4	75.7	49.3	60.6	29.15	706	2275
7/28/2011 8:42	365157720	225	225	0	0	0	78.2	78.3	35.8	75.6	49	60.4	29.15	705	2275
7/28/2011 8:43	365157780	225	225	0	0	0	78.3	78.3	35.1	75.6	48.5	60.3	29.15	706	2270

Wind Speed Data  
Studebaker - Foundry Building

FORMATTED DATE-TIME	DT	MG	TR	WS	CW	HW	TP	WC	RH	HI	DP	WB	BP	AL	DA
YYYY-MM-DD HH:MM:SS	s	Mag	TRUE	mph	mph	mph	°F	°F	%	°F	°F	°F	inHg	ft	ft
7/28/2011 8:44	365157840	224	224	0	0	0	78.4	78.4	34.8	75.7	48.4	60.4	29.15	704	2282
7/28/2011 8:45	365157900	224	224	0	0	0	78.5	78.4	34.6	75.7	48.2	60.3	29.16	699	2275
7/28/2011 8:46	365157960	224	224	0	0	0	78.7	78.6	34.5	75.9	48.4	60.4	29.16	693	2280
7/28/2011 8:47	365158020	224	224	0	0	0	78.8	78.8	34.6	76.1	48.5	60.4	29.16	693	2292
7/28/2011 8:48	365158080	224	224	0	0	0	78.9	78.8	34.5	76.1	48.5	60.4	29.17	690	2290
7/28/2011 8:49	365158140	224	224	0	0	0	79	79	34.4	76.3	48.6	60.4	29.16	695	2300
7/28/2011 8:50	365158200	224	224	0	0	0	79.1	79.2	33.6	76.3	48	60.4	29.16	693	2312
7/28/2011 8:51	365158260	223	223	0	0	0	79.3	79.3	33.4	76.6	48	60.4	29.17	691	2317
7/28/2011 8:52	365158320	223	223	0	0	0	79.4	79.3	33.6	76.6	48.3	60.6	29.16	700	2332
7/28/2011 8:53	365158380	223	223	0	0	0	79.5	79.5	33.7	76.8	48.5	60.8	29.16	695	2337
7/28/2011 8:54	365158440	224	224	0	0	0	79.6	79.5	34.1	76.8	48.8	61	29.17	692	2332
7/28/2011 8:55	365158500	281	281	0	0	0	80.4	80.4	36.8	78.3	51.6	62.4	29.16	697	2345
7/28/2011 8:56	365158560	281	281	0	0	0	81	81	35.3	78.6	51	62.4	29.15	702	2448
7/28/2011 8:57	365158620	293	293	0	0	0	80.9	81	34.2	78.4	50.1	62.1	29.15	706	2448
7/28/2011 8:58	365158680	131	131	0	0	0	81.8	81.9	69	86.7	70.7	73.9	29.16	702	2673
7/28/2011 8:59	365158740	131	131	0	0	0	86.6	86.5	60.1	93.7	71.1	75.4	29.15	703	2965
7/28/2011 9:00	365158800	130	130	0	0	0	85.6	85.6	54.9	90.1	67.6	72.9	29.15	705	2876
7/28/2011 9:01	365158860	129	129	0	0	0	83.3	83.3	39.7	82.2	56.3	65.7	29.15	703	2630
7/28/2011 9:02	365158920	129	129	0	0	0	86.8	86.9	56.3	93	69.4	74.3	29.16	702	2968
7/28/2011 9:03	365158980	129	129	0	0	0	87.2	87.3	52	92.1	67.4	73.2	29.15	702	2973
7/28/2011 9:04	365159040	129	129	0	0	0	86.1	86	48.7	88.9	64.5	71.1	29.15	704	2869
7/28/2011 9:05	365159100	129	129	0	0	0	85.8	85.8	46.3	87.6	62.9	70	29.15	704	2841
7/28/2011 9:06	365159160	129	129	0	0	0	86.7	86.7	57.3	93.2	69.8	74.5	29.15	706	2965
7/28/2011 9:07	365159220	129	129	0	0	0	86.9	86.9	55.6	92.8	69.1	74.1	29.15	707	2975
7/28/2011 9:08	365159280	129	129	0	0	0	90.6	90.5	63	104.9	76.2	79.7	29.15	711	3280
7/28/2011 9:09	365159340	128	128	0	0	0	88	88	52.9	93.9	68.7	74.1	29.15	711	3039
7/28/2011 9:10	365159400	180	180	0	0	0	83	82.9	40.4	81.9	56.5	65.7	29.15	706	2610
7/28/2011 9:11	365159460	179	179	0	0	0	83.4	83.5	42.4	83.1	58.2	66.7	29.16	700	2650
7/28/2011 9:12	365159520	179	179	0	0	0	82.3	82.4	48.8	82.8	61.2	68	29.16	702	2613
7/28/2011 9:13	365159580	185	185	0	0	0	81.5	81.5	48.1	81.3	59.9	67.1	29.16	700	2543
7/28/2011 9:14	365159640	185	185	0	0	0	80.9	81	49.9	81	60.5	67.3	29.16	700	2515
7/28/2011 9:15	365159700	185	185	0	0	0	80.3	80.2	49.2	80.1	59.5	66.6	29.15	703	2465
7/28/2011 9:16	365159760	185	185	0	0	0	79.8	79.9	49.5	79.5	59.2	66.2	29.15	707	2450
7/28/2011 9:17	365159820	185	185	0	0	0	79.5	79.5	48.5	79	58.3	65.5	29.15	706	2418
7/28/2011 9:18	365159880	185	185	0	0	0	79.2	79.2	46.4	78.1	56.9	64.8	29.15	703	2375
7/28/2011 9:19	365159940	185	185	0	0	0	78.9	79	45.3	77.9	56	64.2	29.15	703	2360
7/28/2011 9:20	365160000	185	185	0	0	0	78.8	78.8	43.9	77.4	55	63.7	29.15	707	2350
7/28/2011 9:21	365160060	185	185	0	0	0	78.7	78.6	43.3	77	54.5	63.3	29.15	703	2325
7/28/2011 9:22	365160120	185	185	0	0	0	78.6	78.6	42.4	77	53.8	63	29.15	703	2320
7/28/2011 9:23	365160180	185	185	0	0	0	78.5	78.4	41.7	76.6	53.3	62.6	29.15	702	2310
7/28/2011 9:24	365160240	185	185	0	0	0	78.5	78.4	41.4	76.6	53.1	62.6	29.16	702	2305
7/28/2011 9:25	365160300	185	185	0	0	0	78.5	78.6	41.2	76.8	53	62.6	29.16	702	2317
7/28/2011 9:26	365160360	185	185	0	0	0	78.6	78.6	41.2	76.8	53.1	62.6	29.15	705	2320

**Wind Speed Data  
Stuebaker - Foundry Building**

FORMATTED DATE-TIME	DT	MG	TR	WS	CW	HW	TP	WC	RH	HI	DP	WB	BP	AL	DA
YYYY-MM-DD HH:MM:SS	s	Mag	TRUE	mph	mph	mph	°F	°F	%	°F	°F	°F	inHg	ft	ft
7/28/2011 9:27	365160420	186	186	0	0	0	78.7	78.6	40.9	76.6	52.9	62.4	29.15	705	2320
7/28/2011 9:28	365160480	186	186	0	0	0	78.7	78.8	40.8	77	52.9	62.6	29.15	705	2332
7/28/2011 9:29	365160540	185	185	0	0	0	78.8	78.8	40.7	77	52.9	62.6	29.15	707	2335
7/28/2011 9:30	365160600	185	185	0	0	0	78.9	79	40.5	77.2	52.9	62.6	29.15	707	2347
7/28/2011 9:31	365160660	185	185	0	0	0	79	79	40.3	77.2	52.9	62.6	29.15	707	2345
7/28/2011 9:32	365160720	185	185	0	0	0	79.1	79.2	40.2	77.4	52.8	62.8	29.15	709	2355
7/28/2011 9:33	365160780	185	185	0	0	0	79.2	79.2	40.2	77.4	52.9	62.8	29.15	711	2360
7/28/2011 9:34	365160840	185	185	0	0	0	79.2	79.2	40.1	77.4	52.9	62.8	29.15	710	2360
7/28/2011 9:35	365160900	186	186	0	0	0	79.3	79.3	39.9	77.4	52.9	62.8	29.15	707	2368
7/28/2011 9:36	365160960	185	185	0	0	0	79.4	79.3	39.8	77.4	52.8	62.8	29.15	707	2368
7/28/2011 9:37	365161020	232	232	0	0	0	79.5	79.5	42.2	78.1	54.5	63.7	29.16	696	2375
7/28/2011 9:38	365161080	213	213	0	0	0	79.2	79.2	44.3	77.9	55.6	64	29.16	695	2358
7/28/2011 9:39	365161140	218	218	0	0	0	79.5	79.5	48.4	79	58.4	65.7	29.15	706	2413
7/28/2011 9:40	365161200	230	230	0	0	0	79.8	79.7	52.6	79.9	60.9	67.1	29.15	709	2450
7/28/2011 9:41	365161260	234	234	0	0	0	80	80.1	51.1	80.1	60.3	66.7	29.15	707	2468
7/28/2011 9:42	365161320	351	351	0	0	0	79.1	79.2	53.1	79.2	60.5	66.7	29.15	707	2413
7/28/2011 9:43	365161380	354	354	0	0	0	80	80.1	52.7	80.4	61.2	67.3	29.15	707	2475
7/28/2011 9:44	365161440	342	342	0	0	0	79.9	79.9	51.8	80.1	60.6	66.9	29.15	706	2455
7/28/2011 9:45	365161500	142	142	1.8	1.1	-1.4	82.7	82.8	72.7	89.6	73.1	75.6	29.15	703	2759
7/28/2011 9:46	365161560	123	123	0	0	0	83.1	83.1	76.8	91.9	75	77.2	29.14	713	2818
7/28/2011 9:47	365161620	109	109	0	0	0	84	84	76.9	94.3	75.9	77.9	29.15	710	2884
7/28/2011 9:48	365161680	108	108	1.1	1.1	-0.4	83.4	83.5	75.5	92.3	74.9	77	29.14	712	2838
7/28/2011 9:49	365161740	108	108	4.4	4.2	-1.4	83	82.9	76.8	91.4	74.9	77	29.14	714	2805
7/28/2011 9:50	365161800	108	108	0	0	0	85	85.1	75.3	96.4	76.3	78.4	29.14	716	2960
7/28/2011 9:51	365161860	109	109	0	0	0	85.1	85.1	75.9	96.8	76.7	78.8	29.14	714	2963
7/28/2011 9:52	365161920	108	108	1.5	1.4	-0.5	86	86	70.3	96.8	75.2	77.9	29.14	716	2998
7/28/2011 9:53	365161980	109	109	0	0	0	86	86	71.7	97.3	75.8	78.4	29.14	718	3013
7/28/2011 9:54	365162040	109	109	0	0	0	86.1	86	72.5	97.7	76.2	78.6	29.14	719	3018
7/28/2011 9:55	365162100	108	108	2	1.9	-0.6	86.2	86.2	72.5	98.2	76.4	78.8	29.14	721	3036
7/28/2011 9:56	365162160	109	109	0	0	0	85.8	85.8	74.3	97.9	76.6	79	29.14	721	3013
7/28/2011 9:57	365162220	109	109	0.8	0.8	-0.3	85.3	85.3	71.2	95.4	74.9	77.5	29.14	718	2955
7/28/2011 9:58	365162280	265	265	0.7	0.7	-0.1	85.7	85.8	72.6	97.3	75.9	78.4	29.14	718	3006
7/28/2011 9:59	365162340	264	264	2.4	2.4	-0.2	84.7	84.7	74.7	95.4	75.8	78.1	29.14	719	2937
7/28/2011 10:00	365162400	265	265	0	0	0	85.4	85.5	72.1	96.3	75.4	77.9	29.14	721	2978
7/28/2011 10:01	365162460	265	265	0	0	0	85.2	85.1	74	96.1	76	78.3	29.14	720	2957
7/28/2011 10:02	365162520	265	265	3	3	-0.3	86.3	86.4	71.4	98.1	76	78.6	29.14	721	3036
7/28/2011 10:03	365162580	265	265	0	0	0	86.3	86.4	71.8	98.2	76.1	78.6	29.14	721	3044
7/28/2011 10:04	365162640	265	265	1.5	1.5	-0.1	84.7	84.7	74.1	95	75.5	77.9	29.14	714	2924
7/28/2011 10:05	365162700	264	264	1.5	1.5	-0.2	83.5	83.5	75.9	92.5	75.1	77.2	29.14	718	2848
7/28/2011 10:06	365162760	264	264	0	0	0	87.3	87.3	68.5	99	75.7	78.6	29.14	716	3087
7/28/2011 10:07	365162820	262	262	0	0	0	87.1	87.1	44.5	89.2	62.9	70.3	29.15	709	2924
7/28/2011 10:08	365162880	262	262	0	0	0	87.1	87.1	38.1	87.3	58.5	68	29.15	709	2886
7/28/2011 10:09	365162940	260	260	0	0	0	86.2	86.2	36.7	85.6	56.7	66.9	29.14	712	2823



**Wind Speed Data  
Studebaker - Foundry Building**

<b>FORMATTED DATE-TIME</b>	<b>DT</b>	<b>MG</b>	<b>TR</b>	<b>WS</b>	<b>CW</b>	<b>HW</b>	<b>TP</b>	<b>WC</b>	<b>RH</b>	<b>HI</b>	<b>DP</b>	<b>WB</b>	<b>BP</b>	<b>AL</b>	<b>DA</b>
<b>YYYY-MM-DD HH:MM:SS</b>	<b>s</b>	<b>Mag</b>	<b>TRUE</b>	<b>mph</b>	<b>mph</b>	<b>mph</b>	<b>Â°F</b>	<b>Â°F</b>	<b>%</b>	<b>Â°F</b>	<b>Â°F</b>	<b>Â°F</b>	<b>inHg</b>	<b>ft</b>	<b>ft</b>
7/28/2011 10:10	365163000	260	260	0	0	0	86	86	35.7	85.1	55.8	66.4	29.14	714	2808
7/28/2011 10:11	365163060	260	260	0	0	0	85.4	85.5	34.9	84.2	54.6	65.5	29.14	717	2770
7/28/2011 10:12	365163120	260	260	0	0	0	85.1	85.1	33.3	83.3	53	64.8	29.14	713	2731
7/28/2011 10:13	365163180	260	260	0	0	0	85	85.1	33.4	83.3	53.1	64.8	29.15	711	2726
7/28/2011 10:14	365163240	260	260	0	0	0	85.4	85.3	33	83.5	53	64.8	29.14	716	2747
7/28/2011 10:15	365163300	260	260	0	0	0	84.9	84.9	34.4	83.3	53.8	64.9	29.15	707	2716
7/28/2011 10:16	365163360	260	260	0	0	0	85.5	85.5	37.3	84.7	56.5	66.6	29.15	709	2770
7/28/2011 10:17	365163420	266	266	0	0	0	85.9	85.8	39	85.8	58.1	67.5	29.15	709	2805
7/28/2011 10:18	365163480	266	266	0	0	0	85.4	85.5	39.5	85.3	58	67.3	29.15	709	2785
7/28/2011 10:19	365163540	266	266	0	0	0	85.5	85.5	39.3	85.3	58	67.3	29.15	705	2777
7/28/2011 10:20	365163600	266	266	0	0	0	85.2	85.1	39.7	84.9	57.9	67.1	29.15	709	2762
7/28/2011 10:21	365163660	266	266	0	0	0	85.7	85.6	39.4	85.6	58.2	67.3	29.15	709	2792
7/28/2011 10:22	365163720	266	266	0	0	0	85.4	85.5	39.6	85.3	58	67.3	29.14	712	2790
7/28/2011 10:23	365163780	267	267	0	0	0	85.2	85.3	39.7	85.1	58	67.1	29.15	711	2777
7/28/2011 10:24	365163840	267	267	0	0	0	85.2	85.3	40.2	85.3	58.3	67.3	29.15	710	2777
7/28/2011 10:25	365163900	267	267	0	0	0	85.1	85.1	41.1	85.3	58.8	67.5	29.15	706	2764
7/28/2011 10:26	365163960	267	267	0	0	0	85.1	85.1	41.1	85.3	58.9	67.5	29.14	714	2775
7/28/2011 10:27	365164020	266	266	0	0	0	85.7	85.6	40.6	85.8	59	67.8	29.15	709	2805
7/28/2011 10:28	365164080	266	266	0	0	0	85.9	85.8	40.4	86.2	59.1	68	29.14	714	2818
7/28/2011 10:29	365164140	259	259	0	0	0	86	86	37.4	85.5	57.1	66.9	29.14	716	2818
7/28/2011 10:30	365164200	259	259	0	0	0	86.5	86.5	39.6	86.9	59	68.2	29.14	714	2866
7/28/2011 10:31	365164260	263	263	0	0	0	86.3	86.4	37	86	57	67.1	29.14	716	2841
7/28/2011 10:32	365164320	263	263	0	0	0	86.1	86	35.7	85.1	55.8	66.4	29.14	714	2808
7/28/2011 10:33	365164380	258	258	0	0	0	86.1	86	38.5	85.8	57.9	67.3	29.13	728	2843
7/28/2011 10:34	365164440	258	258	0	0	0	86.2	86.2	41.6	87.1	60.1	68.5	29.14	720	2861
7/28/2011 10:35	365164500	264	264	0	0	0	86.5	86.5	42.1	87.6	60.7	69.1	29.14	717	2881
7/28/2011 10:36	365164560	264	264	0	0	0	86.5	86.5	42.8	87.8	61.2	69.3	29.15	709	2876
7/28/2011 10:37	365164620	258	258	0	0	0	86.5	86.5	42.5	87.8	61.1	69.3	29.15	710	2881
7/28/2011 10:38	365164680	258	258	0	0	0	86.8	86.7	51	90.9	66.5	72.3	29.15	710	2937
7/28/2011 10:39	365164740	258	258	0	0	0	86.6	86.5	44.2	88.2	62.2	69.8	29.13	723	2899
7/28/2011 10:40	365164800	257	257	0	0	0	86.6	86.5	49.2	90	65.3	71.6	29.14	712	2914
7/28/2011 10:41	365164860	263	263	0	0	0	86.3	86.4	42.5	87.4	60.9	69.1	29.13	725	2884
7/28/2011 10:42	365164920	263	263	0	0	0	86.3	86.4	43.4	87.8	61.4	69.3	29.13	730	2891
7/28/2011 10:43	365164980	261	261	0	0	0	86.4	86.4	43.9	87.8	61.8	69.6	29.13	726	2891
7/28/2011 10:44	365165040	262	262	0	0	0	86.2	86.2	43.8	87.4	61.6	69.4	29.12	731	2886
7/28/2011 10:45	365165100	264	264	0	0	0	86.5	86.5	49.7	90.1	65.5	71.8	29.12	730	2945
7/28/2011 10:46	365165160	264	264	0	0	0	86.8	86.9	50.7	91	66.4	72.3	29.12	731	2975
7/28/2011 10:47	365165220	263	263	0	0	0	87.3	87.3	51.3	91.9	67.1	73	29.13	725	2993
7/28/2011 10:48	365165280	263	263	0	0	0	87.6	87.6	54.6	93.9	69.3	74.3	29.14	720	3036
7/28/2011 10:49	365165340	264	264	0	0	0	87.9	88	55.3	94.8	69.9	74.8	29.14	721	3064
7/28/2011 10:50	365165400	264	264	0	0	0	88.2	88.2	56.5	95.7	70.8	75.6	29.13	724	3092
7/28/2011 10:51	365165460	256	256	0	0	0	88.5	88.5	56.9	96.8	71.3	75.9	29.14	718	3110
7/28/2011 10:52	365165520	256	256	0	0	0	88.5	88.5	57.3	97	71.5	75.9	29.14	713	3105

**Wind Speed Data**  
**Stuebaker - Foundry Building**

FORMATTED DATE-TIME	DT	MG	TR	WS	CW	HW	TP	WC	RH	HI	DP	WB	BP	AL	DA
YYYY-MM-DD HH:MM:SS	s	Mag	TRUE	mph	mph	mph	Å°F	Å°F	%	Å°F	Å°F	Å°F	inHg	ft	ft
7/28/2011 10:53	365165580	256	256	0	0	0	88.5	88.5	49.2	93.6	67	73	29.13	723	3067
7/28/2011 10:54	365165640	255	255	0	0	0	88.2	88.2	46.7	91.8	65.3	72.1	29.13	723	3031
7/28/2011 10:55	365165700	254	254	0	0	0	88.2	88.2	47.9	92.3	66	72.5	29.13	726	3039
7/28/2011 10:56	365165760	255	255	0	0	0	88.3	88.3	50.8	93.7	67.7	73.6	29.14	719	3062
7/28/2011 10:57	365165820	261	261	0	0	0	88.1	88.2	46.9	91.9	65.3	72.1	29.14	718	3026
7/28/2011 10:58	365165880	261	261	0	0	0	88.1	88.2	47.5	92.1	65.6	72.3	29.13	730	3046
7/28/2011 10:59	365165940	260	260	0	0	0	87	87.1	44.6	89.2	62.9	70.3	29.14	721	2942
7/28/2011 11:00	365166000	260	260	0	0	0	86.2	86.2	44.4	87.6	62	69.6	29.14	714	2864
7/28/2011 11:01	365166060	260	260	0	0	0	86.5	86.5	46.4	89.1	63.5	70.5	29.14	716	2904
7/28/2011 11:02	365166120	13	13	1	0.2	1	85.7	85.6	45.7	87.3	62.4	69.8	29.14	720	2846
7/28/2011 11:03	365166180	299	299	2.7	2.4	1.3	84.6	84.6	67.1	92.1	72.4	75.7	29.13	724	2886
7/28/2011 11:04	365166240	300	300	0.8	0.7	0.4	83.1	83.1	61.2	87.1	68.4	72.7	29.13	725	2752
7/28/2011 11:05	365166300	299	299	1.7	1.4	0.8	83.7	83.7	65.8	89.8	71	74.5	29.13	723	2813
7/28/2011 11:06	365166360	299	299	1.2	1.1	0.6	83.2	83.3	61.1	87.4	68.5	72.7	29.13	724	2764
7/28/2011 11:07	365166420	299	299	1.6	1.4	0.8	83.8	83.8	68.5	91	72.3	75.4	29.13	724	2846
7/28/2011 11:08	365166480	299	299	0	0	0	82.5	82.6	58.9	85.5	66.7	71.4	29.13	725	2704
7/28/2011 11:09	365166540	299	299	1.4	1.2	0.7	81.5	81.5	60.7	84	66.6	71.1	29.13	728	2638
7/28/2011 11:10	365166600	298	298	0	0	0	81	81	57.7	82.6	64.7	69.8	29.13	725	2583
7/28/2011 11:11	365166660	299	299	0.8	0.7	0.4	81.6	81.7	59.4	84	66.1	70.9	29.13	724	2638
7/28/2011 11:12	365166720	298	298	0.9	0.8	0.4	82.2	82.2	63.9	86	68.8	72.7	29.13	724	2701
7/28/2011 11:13	365166780	299	299	0.9	0.8	0.4	82.1	82	59.5	84.6	66.6	71.2	29.13	721	2665
7/28/2011 11:14	365166840	300	300	1.5	1.3	0.7	82.8	82.8	68	88.3	71.1	74.3	29.13	721	2757
7/28/2011 11:15	365166900	300	300	1.2	1	0.6	82.7	82.8	64.6	87.3	69.6	73.4	29.13	721	2742
7/28/2011 11:16	365166960	300	300	1	0.8	0.5	82.8	82.8	67.7	88.2	71	74.3	29.13	723	2757
7/28/2011 11:17	365167020	300	300	2.4	2	1.2	83.2	83.1	72.7	90.5	73.5	76.1	29.13	721	2810
7/28/2011 11:18	365167080	300	300	2.2	1.9	1.1	82.9	82.9	68	88.7	71.2	74.5	29.14	718	2767
7/28/2011 11:19	365167140	300	300	3.4	2.9	1.7	83.1	83.1	69.7	89.6	72.2	75	29.14	720	2790
7/28/2011 11:20	365167200	267	267	0	0	0	83.5	83.5	55.9	86.5	66.1	71.4	29.14	716	2742
7/28/2011 11:21	365167260	270	270	0	0	0	84.5	84.6	51.5	87.3	64.6	70.7	29.14	719	2800
7/28/2011 11:22	365167320	270	270	0	0	0	84.5	84.6	47.1	86	62.1	69.1	29.14	719	2775
7/28/2011 11:23	365167380	245	245	0	0	0	85	84.9	60.2	90.5	69.6	73.9	29.13	723	2874
7/28/2011 11:24	365167440	246	246	0	0	0	84.9	84.9	62.7	91.4	70.7	74.7	29.13	723	2889
7/28/2011 11:25	365167500	244	244	0	0	0	83.8	83.8	60.1	88.3	68.5	72.9	29.13	727	2803
7/28/2011 11:26	365167560	245	245	0	0	0	84.7	84.7	59	89.8	68.8	73.2	29.13	724	2858
7/28/2011 11:27	365167620	244	244	1	0.9	-0.4	84.8	84.7	54.3	88.3	66.5	72	29.13	724	2830
7/28/2011 11:28	365167680	244	244	0	0	0	86.2	86.2	60	93	70.7	75	29.13	726	2968
7/28/2011 11:29	365167740	244	244	0	0	0	88.6	88.5	55.6	96.3	70.7	75.6	29.13	727	3115
7/28/2011 11:30	365167800	244	244	1.3	1.1	-0.6	85.2	85.1	59.2	90.7	69.3	73.8	29.13	727	2889
7/28/2011 11:31	365167860	244	244	0.7	0.7	-0.3	84.8	84.9	58.6	90	68.7	73.4	29.13	727	2874
7/28/2011 11:32	365167920	244	244	1.1	1	-0.5	85.3	85.3	53.4	89.1	66.5	72.1	29.13	728	2869
7/28/2011 11:33	365167980	244	244	1	0.9	-0.4	86	86	58.3	92.1	69.6	74.1	29.12	732	2955
7/28/2011 11:34	365168040	244	244	0.8	0.7	-0.4	87.4	87.4	57.4	94.6	70.5	75.2	29.12	733	3051
7/28/2011 11:35	365168100	245	245	1.1	1	-0.4	85.7	85.6	56.6	90.7	68.6	73.4	29.12	733	2922

**Wind Speed Data  
Studebaker - Foundry Building**

FORMATTED DATE-TIME	DT	MG	TR	WS	CW	HW	TP	WC	RH	HI	DP	WB	BP	AL	DA
YYYY-MM-DD HH:MM:SS	s	Mag	TRUE	mph	mph	mph	Å°F	Å°F	%	Å°F	Å°F	Å°F	inHg	ft	ft
7/28/2011 11:36	365168160	269	269	0	0	0	99.9	99.9	53.1	123.6	79.7	84.2	29.12	732	3918
7/28/2011 11:37	365168220	324	324	0	0	0	96.7	96.8	30.7	99.7	60.8	72	29.12	731	3524
7/28/2011 11:38	365168280	75	75	0	0	0	91.7	91.8	32.2	92.5	57.8	69.1	29.12	732	3196
7/28/2011 11:39	365168340	208	208	3.6	1.7	-3.1	82	82	55.2	83.7	64.4	69.8	29.12	738	2658
7/28/2011 11:40	365168400	208	208	2.2	1	-1.9	80.2	80.2	60.8	82.2	65.4	70	29.12	733	2558
7/28/2011 11:41	365168460	208	208	2.2	1	-2	80.4	80.4	63.8	83.1	67	71.1	29.12	735	2588
7/28/2011 11:42	365168520	208	208	2	0.9	-1.7	81.4	81.5	69.6	86.4	70.6	73.6	29.12	731	2686
7/28/2011 11:43	365168580	208	208	1.9	0.9	-1.7	80.1	80.1	61.6	82	65.8	70.2	29.12	731	2545
7/28/2011 11:44	365168640	208	208	1.9	0.9	-1.7	79.4	79.3	58.4	80.4	63.5	68.5	29.12	730	2475
7/28/2011 11:45	365168700	208	208	2.3	1.1	-2	80.7	80.6	65.9	83.8	68.2	71.8	29.12	731	2603
7/28/2011 11:46	365168760	208	208	1	0.5	-0.9	79.6	79.5	57.8	80.4	63.4	68.5	29.12	731	2488
7/28/2011 11:47	365168820	208	208	1.8	0.9	-1.6	80.6	80.6	62.9	83.1	66.8	70.9	29.13	728	2585
7/28/2011 11:48	365168880	208	208	2.1	1	-1.8	82.1	82	69.2	87.1	71	74.1	29.13	728	2716
7/28/2011 11:49	365168940	209	209	1.9	0.9	-1.7	81.2	81.1	64.1	84.4	67.9	71.8	29.13	728	2628
7/28/2011 11:50	365169000	208	208	1.3	0.6	-1.2	80.7	80.6	63.3	83.1	67.1	71.1	29.13	728	2585
7/28/2011 11:51	365169060	207	207	1.5	0.7	-1.3	80	80.1	58.3	81.3	64.1	69.1	29.13	727	2523
7/28/2011 11:52	365169120	208	208	1.1	0.5	-1	82.6	82.6	67.8	87.8	70.9	74.1	29.13	726	2747
7/28/2011 11:53	365169180	209	209	2	0.9	-1.7	80	80.1	60.3	81.9	65	69.8	29.13	725	2528
7/28/2011 11:54	365169240	265	265	0	0	0	81.2	81.1	55.3	82.4	63.6	69.1	29.14	717	2573
7/28/2011 11:55	365169300	272	272	0	0	0	83.2	83.1	47.1	83.7	60.9	68.2	29.14	718	2673
7/28/2011 11:56	365169360	272	272	0	0	0	83	83.1	44.6	82.9	59.2	67.3	29.14	718	2665
7/28/2011 11:57	365169420	271	271	0	0	0	83.4	83.5	53.3	85.6	64.7	70.5	29.13	721	2734
7/28/2011 11:58	365169480	271	271	0	0	0	83.6	83.7	51.1	85.6	63.6	69.8	29.13	728	2744
7/28/2011 11:59	365169540	274	274	0	0	0	83.7	83.7	50.1	85.3	63.1	69.6	29.13	725	2734
7/28/2011 12:00	365169600	274	274	0	0	0	79.3	79.3	50.6	79.2	59.3	66	29.14	717	2428
7/28/2011 12:01	365169660	281	281	0	0	0	80.6	80.6	50.4	80.8	60.5	67.1	29.14	717	2510
7/28/2011 12:02	365169720	281	281	0	0	0	80.2	80.2	52	80.6	61	67.3	29.13	725	2505
7/28/2011 12:03	365169780	277	277	0	0	0	80.3	80.2	52.6	80.6	61.4	67.5	29.14	714	2495
7/28/2011 12:04	365169840	276	276	0	0	0	79.8	79.9	48.6	79.5	58.8	65.8	29.13	721	2463
7/28/2011 12:05	365169900	285	285	0	0	0	79.9	79.9	52.2	80.1	60.8	67.1	29.14	719	2473
7/28/2011 12:06	365169960	285	285	0	0	0	79.9	79.9	50.1	79.7	59.7	66.6	29.14	716	2460
7/28/2011 12:07	365170020	288	288	0	0	0	81.7	81.7	65	85.5	68.8	72.5	29.15	706	2643
7/28/2011 12:08	365170080	288	288	0	0	0	82.8	82.8	68.7	88.5	71.5	74.5	29.15	702	2739
7/28/2011 12:09	365170140	289	289	0	0	0	83.6	83.5	70.6	90.9	73	75.7	29.16	697	2795
7/28/2011 12:10	365170200	289	289	0	0	0	83.6	83.7	68.4	90.5	72.1	75.2	29.16	695	2790
7/28/2011 12:11	365170260	289	289	0	0	0	83.9	84	64.9	90.3	70.9	74.5	29.16	695	2800
7/28/2011 12:12	365170320	289	289	0	0	0	84.4	84.4	64.1	90.7	70.9	74.7	29.17	689	2813
7/28/2011 12:13	365170380	289	289	0	0	0	84.7	84.7	62.4	90.9	70.4	74.3	29.17	689	2830
7/28/2011 12:14	365170440	289	289	0	0	0	84.9	84.9	61.6	91	70.3	74.3	29.16	700	2856
7/28/2011 12:15	365170500	289	289	0	0	0	85.2	85.3	61.1	91.6	70.3	74.5	29.16	695	2871
7/28/2011 12:16	365170560	289	289	0	0	0	86.1	86	68.5	96.1	74.5	77.4	29.18	679	2950
7/28/2011 12:17	365170620	288	288	0	0	0	84.7	84.7	61.3	90.5	69.9	74.1	29.18	682	2818
7/28/2011 12:18	365170680	288	288	0	0	0	83.2	83.1	54.5	85.5	65.1	70.5	29.18	682	2671

**Wind Speed Data  
Studebaker - Foundry Building**

FORMATTED DATE-TIME	DT	MG	TR	WS	CW	HW	TP	WC	RH	HI	DP	WB	BP	AL	DA
YYYY-MM-DD HH:MM:SS	s	Mag	TRUE	mph	mph	mph	°F	°F	%	°F	°F	°F	inHg	ft	ft
7/28/2011 12:19	365170740	279	279	0	0	0	82.3	82.2	54.9	83.8	64.4	69.8	29.17	684	2608
7/28/2011 12:20	365170800	279	279	0	0	0	82.3	82.2	56.3	84.2	65.2	70.3	29.18	679	2608
7/28/2011 12:21	365170860	279	279	0	0	0	82.1	82	57.4	84	65.5	70.5	29.18	679	2600
7/28/2011 12:22	365170920	279	279	0	0	0	82.6	82.6	57.4	84.9	66	70.9	29.17	686	2645
7/28/2011 12:23	365170980	279	279	0	0	0	83.4	83.5	57.6	86.9	66.9	71.8	29.17	688	2719
7/28/2011 12:24	365171040	279	279	0	0	0	83.9	83.8	57.1	87.4	67.1	72	29.17	688	2739
7/28/2011 12:25	365171100	280	280	0	0	0	84.3	84.4	56.7	88.3	67.3	72.3	29.17	691	2780
7/28/2011 12:26	365171160	279	279	0	0	0	84.7	84.7	56.4	89.1	67.5	72.5	29.18	681	2787
7/28/2011 12:27	365171220	279	279	0	0	0	85	85.1	55.9	89.6	67.5	72.7	29.18	681	2813
7/28/2011 12:28	365171280	279	279	0	0	0	85.3	85.3	55.7	89.8	67.7	72.7	29.17	684	2830
7/28/2011 12:29	365171340	280	280	0	0	0	85.6	85.6	55.4	90.3	67.8	72.9	29.18	682	2851
7/28/2011 12:30	365171400	279	279	0	0	0	85.9	86	55	91	67.9	73.2	29.18	679	2871
7/28/2011 12:31	365171460	279	279	0	0	0	86.7	86.7	59.2	93.9	70.7	75	29.18	675	2937
7/28/2011 12:32	365171520	279	279	0	0	0	85	84.9	53.5	88.5	66.2	71.8	29.19	667	2772
7/28/2011 12:33	365171580	279	279	0	0	0	84.1	84	53.2	86.7	65.2	70.9	29.19	665	2704
7/28/2011 12:34	365171640	279	279	0	0	0	83.8	83.8	54.3	86.7	65.5	70.9	29.19	669	2698
7/28/2011 12:35	365171700	266	266	0	0	0	83.5	83.5	53.5	85.8	64.8	70.5	29.19	670	2673
7/28/2011 12:36	365171760	266	266	0	0	0	82.7	82.8	51	84	62.7	69.1	29.2	660	2598
7/28/2011 12:37	365171820	266	266	0	0	0	82.1	82	50.6	82.6	61.9	68.4	29.2	658	2545
7/28/2011 12:38	365171880	267	267	0	0	0	80.7	80.8	45.2	80.1	57.5	65.5	29.19	670	2443
7/28/2011 12:39	365171940	266	266	0	0	0	79.6	79.5	44.6	78.3	56.1	64.4	29.19	672	2358
7/28/2011 12:40	365172000	266	266	0	0	0	79.2	79.2	46	78.1	56.6	64.6	29.18	679	2347
7/28/2011 12:41	365172060	266	266	0	0	0	78.8	78.8	49.5	78.3	58.3	65.3	29.17	685	2347
7/28/2011 12:42	365172120	269	269	1.6	1.6	0	84.5	84.6	68.9	92.8	73.1	76.3	29.15	707	2876
7/28/2011 12:43	365172180	269	269	0	0	0	85.3	85.3	63.8	92.7	71.7	75.2	29.15	709	2904
7/28/2011 12:44	365172240	269	269	0.9	0.9	0	84.6	84.6	64.2	91.2	71.2	74.8	29.15	709	2851
7/28/2011 12:45	365172300	269	269	1.6	1.6	0	84.1	84.2	62.5	89.8	69.9	73.9	29.15	709	2820
7/28/2011 12:46	365172360	269	269	4.2	4.2	-0.1	84.8	84.7	65.2	91.9	71.8	75.2	29.15	706	2866
7/28/2011 12:47	365172420	269	269	3.7	3.7	-0.1	84.1	84.2	66.4	91.2	71.7	75	29.15	706	2833
7/28/2011 12:48	365172480	269	269	1.1	1.1	0	85.6	85.6	63.5	93.2	71.8	75.6	29.15	705	2927
7/28/2011 12:49	365172540	269	269	0	0	0	86.6	86.7	59.4	93.9	70.8	75	29.15	707	2980
7/28/2011 12:50	365172600	269	269	1.6	1.6	0	85.8	85.8	62.6	93.2	71.5	75.4	29.15	707	2937
7/28/2011 12:51	365172660	269	269	0	0	0	85.3	85.3	61.8	91.8	70.7	74.7	29.15	706	2889
7/28/2011 12:52	365172720	269	269	0	0	0	87.4	87.4	56.2	94.1	69.8	74.7	29.15	705	3011
7/28/2011 12:53	365172780	269	269	0.9	0.9	0	87.4	87.4	55.9	93.9	69.7	74.7	29.15	705	3011
7/28/2011 12:54	365172840	269	269	0	0	0	87.2	87.3	56.2	93.7	69.7	74.7	29.15	702	2996
7/28/2011 12:55	365172900	269	269	0.8	0.8	0	87.6	87.6	54.7	93.9	69.3	74.3	29.15	703	3013
7/28/2011 12:56	365172960	269	269	1	1	0	86.5	86.5	62.3	94.8	72	75.9	29.15	702	2978
7/28/2011 12:57	365173020	269	269	1.7	1.7	0	85.1	85.1	64.5	92.5	71.8	75.4	29.16	700	2886
7/28/2011 12:58	365173080	269	269	0	0	0	87.6	87.6	58.3	95.4	71.1	75.6	29.16	698	3026
7/28/2011 12:59	365173140	271	271	0	0	0	85.4	85.3	62.9	92.3	71.3	75	29.16	700	2886
7/28/2011 13:00	365173200	176	176	0	0	0	85.5	85.5	55.3	90	67.6	72.9	29.16	693	2851
7/28/2011 13:01	365173260	306	306	0.8	0.7	0.5	85.6	85.6	61.9	92.7	71	75	29.16	695	2902

**Wind Speed Data**  
**Stuebaker - Foundry Building**

FORMATTED DATE-TIME	DT	MG	TR	WS	CW	HW	TP	WC	RH	HI	DP	WB	BP	AL	DA
YYYY-MM-DD HH:MM:SS	s	Mag	TRUE	mph	mph	mph	°F	°F	%	°F	°F	°F	inHg	ft	ft
7/28/2011 13:02	365173320	303	303	0.8	0.7	0.4	87	87.1	63.9	96.6	73.3	76.8	29.17	692	3013
7/28/2011 13:03	365173380	303	303	0	0	0	86	86	64.1	94.3	72.4	75.9	29.16	693	2940
7/28/2011 13:04	365173440	304	304	1	0.8	0.5	86.5	86.5	63.1	95	72.4	76.3	29.17	691	2968
7/28/2011 13:05	365173500	302	302	0	0	0	86.5	86.5	63	95	72.4	76.1	29.17	692	2968
7/28/2011 13:06	365173560	305	305	1.1	0.9	0.6	86	86	63.1	93.9	72	75.7	29.17	689	2927
7/28/2011 13:07	365173620	304	304	0	0	0	85.3	85.3	65.1	93	72.2	75.6	29.17	692	2889
7/28/2011 13:08	365173680	305	305	1.7	1.4	1	85.8	85.8	62.9	93.4	71.6	75.4	29.17	689	2912
7/28/2011 13:09	365173740	305	305	1.2	1	0.7	86.1	86	61.6	93.2	71.4	75.4	29.17	689	2922
7/28/2011 13:10	365173800	305	305	0	0	0	86.4	86.4	64.3	95.2	73	76.6	29.17	688	2957
7/28/2011 13:11	365173860	304	304	0.9	0.7	0.5	86.6	86.5	64.5	95.7	73.2	76.6	29.17	686	2973
7/28/2011 13:12	365173920	305	305	1	0.8	0.6	86	86	64	94.1	72.4	75.9	29.17	686	2930
7/28/2011 13:13	365173980	304	304	1.3	1.1	0.7	85.3	85.3	65.1	93	72.3	75.7	29.17	686	2881
7/28/2011 13:14	365174040	305	305	0.9	0.7	0.5	85	85.1	66.3	93.2	72.5	75.9	29.17	688	2876
7/28/2011 13:15	365174100	305	305	2	1.6	1.1	85.1	85.1	64.7	92.5	71.9	75.6	29.17	688	2871
7/28/2011 13:16	365174160	188	188	0	0	0	86.2	86.2	55.7	91.4	68.4	73.4	29.17	686	2897
7/28/2011 13:17	365174220	160	160	0	0	0	86.5	86.5	49.4	90	65.3	71.6	29.18	681	2876
7/28/2011 13:18	365174280	121	121	0	0	0	86.3	86.4	46.7	88.7	63.5	70.5	29.18	681	2853
7/28/2011 13:19	365174340	132	132	1	0.7	-0.6	84.5	84.4	53.6	87.4	65.8	71.4	29.18	682	2754
7/28/2011 13:20	365174400	131	131	2.6	1.9	-1.7	86.3	86.4	60.9	93.7	71.3	75.4	29.18	679	2930
7/28/2011 13:21	365174460	129	129	0.7	0.6	-0.5	84.3	84.4	50.9	86.7	64.2	70.3	29.18	682	2739
7/28/2011 13:22	365174520	132	132	1	0.8	-0.7	86.5	86.5	57	92.7	69.5	74.3	29.18	681	2922
7/28/2011 13:23	365174580	130	130	0	0	0	86.1	86	57.4	91.8	69.3	73.9	29.18	682	2886
7/28/2011 13:24	365174640	131	131	0	0	0	85.9	86	51.9	90	66.2	72	29.18	679	2856
7/28/2011 13:25	365174700	130	130	1.9	1.5	-1.2	87.5	87.4	51.5	92.3	67.4	73.2	29.18	678	2952
7/28/2011 13:26	365174760	131	131	0.9	0.7	-0.6	87.9	88	52.7	93.7	68.5	73.9	29.18	681	3001
7/28/2011 13:27	365174820	131	131	0	0	0	88	88	48.9	92.3	66.4	72.7	29.18	679	2978
7/28/2011 13:28	365174880	130	130	0.9	0.7	-0.6	85.9	86	47.6	88.5	63.7	70.5	29.18	679	2833
7/28/2011 13:29	365174940	130	130	0.9	0.7	-0.6	85.9	86	55.5	91.2	68.1	73.2	29.18	678	2874
7/28/2011 13:30	365175000	130	130	1.9	1.4	-1.2	86.2	86.2	63.7	94.5	72.4	76.1	29.18	678	2932
7/28/2011 13:31	365175060	9	9	0	0	0	85.9	85.8	44.7	87.3	61.9	69.4	29.18	678	2800
7/28/2011 13:32	365175120	351	351	0	0	0	83.1	83.1	41.1	82.4	57	66	29.17	683	2600
7/28/2011 13:33	365175180	291	291	1.1	1	0.4	85.8	85.8	65	94.3	72.7	76.1	29.18	682	2917
7/28/2011 13:34	365175240	290	290	0.8	0.8	0.3	86.7	86.7	63.6	95.5	72.9	76.5	29.18	681	2973
7/28/2011 13:35	365175300	290	290	0	0	0	87.4	87.4	62.7	96.8	73.1	76.8	29.17	683	3023
7/28/2011 13:36	365175360	289	289	0.9	0.9	0.3	86.3	86.4	63	94.6	72.2	76.1	29.18	679	2942
7/28/2011 13:37	365175420	290	290	1	0.9	0.3	86.2	86.2	63.9	94.6	72.5	76.1	29.18	681	2935
7/28/2011 13:38	365175480	290	290	0	0	0	86.6	86.5	64.5	95.7	73.2	76.6	29.18	679	2965
7/28/2011 13:39	365175540	290	290	1.4	1.3	0.5	85.6	85.6	63.5	93.2	71.7	75.6	29.18	681	2897
7/28/2011 13:40	365175600	290	290	1	1	0.3	85.2	85.3	65.1	93	72.2	75.6	29.17	683	2879
7/28/2011 13:41	365175660	289	289	1.6	1.5	0.5	84.9	84.9	66.2	92.7	72.4	75.7	29.17	683	2856
7/28/2011 13:42	365175720	280	280	0	0	0	85.1	85.1	65.2	92.7	72.1	75.6	29.17	688	2871
7/28/2011 13:43	365175780	280	280	0	0	0	86	86	64.5	94.5	72.7	76.3	29.17	688	2937
7/28/2011 13:44	365175840	280	280	1.1	1.1	0.2	85.6	85.6	65.2	93.9	72.6	75.9	29.17	685	2907

**Wind Speed Data  
Stuebaker - Foundry Building**

FORMATTED DATE-TIME YYYY-MM-DD HH:MM:SS	DT s	MG Mag	TR TRUE	WS mph	CW mph	HW mph	TP °F	WC °F	RH %	HI °F	DP °F	WB °F	BP inHg	AL ft	DA ft
7/28/2011 13:45	365175900	323	323	0	0	0	84.8	84.7	47.7	86.4	62.7	69.6	29.17	685	2752
7/28/2011 13:46	365175960	347	347	0	0	0	85.4	85.5	40.1	85.5	58.4	67.5	29.17	685	2759
7/28/2011 13:47	365176020	281	281	0	0	0	89.1	89.1	59.1	99.1	72.9	77	29.17	684	3117
7/28/2011 13:48	365176080	312	312	1.2	0.9	0.8	93.2	93.2	53.9	106.3	74	78.8	29.17	685	3385
7/28/2011 13:49	365176140	311	311	0.7	0.6	0.5	92.1	92.1	51.4	102.4	71.6	77	29.17	686	3288
7/28/2011 13:50	365176200	313	313	1.2	0.9	0.8	95.6	95.5	49.9	109.6	74	79.3	29.17	683	3521
7/28/2011 13:51	365176260	319	319	0.8	0.5	0.6	95.2	95.2	47.3	106.9	72	78.1	29.17	686	3478
7/28/2011 13:52	365176320	314	314	2.2	1.6	1.5	96.6	96.6	46.9	109.9	73	79.2	29.17	688	3583
7/28/2011 13:53	365176380	311	311	1.2	0.9	0.8	96.4	96.4	46.1	108.7	72.3	78.6	29.17	685	3560
7/28/2011 13:54	365176440	305	305	1.1	0.9	0.6	95.7	95.7	46.5	107.4	71.9	78.3	29.17	688	3519
7/28/2011 13:55	365176500	311	311	1.8	1.4	1.2	96.3	96.3	49.2	110.8	74.1	79.7	29.17	690	3575
7/28/2011 13:56	365176560	314	314	1.8	1.3	1.2	96.4	96.4	47.7	110.1	73.3	79.2	29.17	688	3578
7/28/2011 13:57	365176620	313	313	1.2	0.9	0.8	97.6	97.5	47.5	112.5	74.3	80.1	29.17	689	3655
7/28/2011 13:58	365176680	316	316	0.9	0.6	0.6	98.6	98.6	44.4	112.3	73.2	79.7	29.17	690	3702
7/28/2011 13:59	365176740	318	318	1.2	0.8	0.9	98.4	98.4	44.8	112.3	73.2	79.5	29.16	693	3702
7/28/2011 14:00	365176800	318	318	0	0	0	98.6	98.6	44.6	112.5	73.3	79.7	29.16	697	3717
7/28/2011 14:01	365176860	315	315	0	0	0	98.3	98.4	45.8	113.2	73.8	79.9	29.16	693	3709
7/28/2011 14:02	365176920	323	323	0.9	0.5	0.7	99.7	99.7	43.4	114.1	73.5	80.1	29.16	693	3774
7/28/2011 14:03	365176980	314	314	1.5	1.1	1	98.4	98.4	43.8	111.6	72.6	79.2	29.16	695	3694
7/28/2011 14:04	365177040	305	305	0	0	0	102.5	102.6	41.6	119.7	74.7	81.5	29.16	695	3967
7/28/2011 14:05	365177100	312	312	1.4	1.1	0.9	102.6	102.6	40.7	118.9	74.2	81.1	29.16	693	3956
7/28/2011 14:06	365177160	318	318	0	0	0	101.4	101.3	43.8	118.6	75.2	81.5	29.16	696	3900
7/28/2011 14:07	365177220	314	314	1.4	1	1	104.2	104.2	40.6	122.7	75.5	82.4	29.16	700	4079
7/28/2011 14:08	365177280	312	312	1.1	0.8	0.8	103.8	103.8	38.3	119.7	73.4	81	29.16	699	4024
7/28/2011 14:09	365177340	314	314	0	0	0	105.6	105.6	37.3	122.7	74.1	81.9	29.16	699	4142
7/28/2011 14:10	365177400	310	310	1.2	0.9	0.8	104.6	104.5	37.8	120.9	73.7	81.3	29.16	699	4076
7/28/2011 14:11	365177460	311	311	1.1	0.9	0.7	106.4	106.3	37.2	124.3	74.9	82.4	29.16	699	4192
7/28/2011 14:12	365177520	315	315	0	0	0	105.5	105.4	38.3	123.4	74.9	82.2	29.16	697	4134
7/28/2011 14:13	365177580	317	317	1.2	0.8	0.9	103.7	103.6	39.8	120.6	74.5	81.5	29.16	700	4032
7/28/2011 14:14	365177640	103	103	0	0	0	98.9	99	22.4	98.8	53.9	69.3	29.16	695	3552
7/28/2011 14:15	365177700	99	99	0	0	0	99.7	99.7	25.1	101.3	57.8	71.4	29.15	702	3635
7/28/2011 14:16	365177760	283	283	1.9	1.9	0.4	94.3	94.3	25	93.4	53.1	67.6	29.15	702	3277
7/28/2011 14:17	365177820	283	283	2.2	2.2	0.5	89	89.1	25	86.4	48.7	64	29.15	702	2935
7/28/2011 14:18	365177880	283	283	1.4	1.3	0.3	87.4	87.4	25	84.4	47.2	63	29.16	700	2825
7/28/2011 14:19	365177940	283	283	3.6	3.5	0.8	85.9	86	25	82.8	46	62.1	29.16	699	2731
7/28/2011 14:20	365178000	283	283	2.5	2.5	0.6	85.6	85.6	25	82.2	45.8	61.7	29.16	696	2704
7/28/2011 14:21	365178060	283	283	4.5	4.4	1	85.6	85.6	25	82.2	45.7	61.7	29.16	698	2704
7/28/2011 14:22	365178120	283	283	4.2	4.1	0.9	84.3	84.4	25	80.8	44.7	60.8	29.16	700	2623
7/28/2011 14:23	365178180	284	284	1	1	0.2	85.7	85.6	25	82.2	45.8	61.7	29.16	700	2706
7/28/2011 14:24	365178240	283	283	0	0	0	85.2	85.3	25	81.9	45.4	61.5	29.15	707	2693
7/28/2011 14:25	365178300	283	283	1.4	1.4	0.3	86.4	86.4	25	83.1	46.4	62.2	29.15	703	2757
7/28/2011 14:26	365178360	282	282	0.8	0.8	0.2	86.8	86.9	25	83.8	46.8	62.6	29.15	702	2792
7/28/2011 14:27	365178420	283	283	0.8	0.8	0.2	85.5	85.5	25	82	45.7	61.5	29.15	702	2698

**Wind Speed Data**  
**Stuebaker - Foundry Building**

FORMATTED DATE-TIME	DT	MG	TR	WS	CW	HW	TP	WC	RH	HI	DP	WB	BP	AL	DA
YYYY-MM-DD HH:MM:SS	s	Mag	TRUE	mph	mph	mph	°F	°F	%	°F	°F	°F	inHg	ft	ft
7/28/2011 14:28	365178480	283	283	1.1	1.1	0.3	85.5	85.5	25	82	45.7	61.5	29.16	700	2693
7/28/2011 14:29	365178540	282	282	0	0	0	86.5	86.5	25	83.3	46.5	62.4	29.16	702	2770
7/28/2011 14:30	365178600	283	283	3.1	3	0.7	85.6	85.6	25	82.2	45.7	61.7	29.16	700	2706
7/28/2011 14:31	365178660	283	283	1.8	1.7	0.4	85.4	85.5	25	82	45.6	61.5	29.15	702	2698
7/28/2011 14:32	365178720	283	283	0	0	0	85.3	85.3	25	81.9	45.5	61.5	29.15	702	2686
7/28/2011 14:33	365178780	282	282	0	0	0	85.5	85.5	25	82	45.7	61.5	29.15	703	2698
7/28/2011 14:34	365178840	283	283	0	0	0	85.1	85.1	25	81.7	45.3	61.3	29.15	706	2678
7/28/2011 14:35	365178900	282	282	0	0	0	86.6	86.5	25	83.3	46.6	62.4	29.15	707	2777
7/28/2011 14:36	365178960	125	125	0	0	0	84.6	84.6	25	81.1	44.9	61.2	29.15	707	2645
7/28/2011 14:37	365179020	131	131	0	0	0	85.3	85.3	25	81.9	45.5	61.5	29.15	709	2693
7/28/2011 14:38	365179080	101	101	0	0	0	85.7	85.6	25	82.2	45.8	61.7	29.15	705	2714
7/28/2011 14:39	365179140	113	113	0	0	0	85.6	85.6	25	82.2	45.7	61.7	29.15	710	2721
7/28/2011 14:40	365179200	118	118	0	0	0	85.1	85.1	25	81.7	45.3	61.3	29.15	707	2681
7/28/2011 14:41	365179260	96	96	0	0	0	85	85.1	25	81.7	45.3	61.3	29.15	707	2681
7/28/2011 14:42	365179320	96	96	0	0	0	84.9	84.9	25	81.5	45.1	61.3	29.15	704	2665
7/28/2011 14:43	365179380	96	96	0	0	0	84.4	84.4	25	80.8	44.8	61	29.15	707	2633
7/28/2011 14:44	365179440	96	96	0	0	0	84.1	84.2	25	80.6	44.5	60.8	29.15	703	2615
7/28/2011 14:45	365179500	97	97	0	0	0	83.7	83.7	25	80.1	44.2	60.4	29.15	704	2583
7/28/2011 14:46	365179560	269	269	0	0	0	87.8	87.8	25	84.7	47.6	63.3	29.15	710	2864
7/28/2011 14:47	365179620	269	269	0	0	0	89	89.1	25	86.4	48.6	64	29.15	711	2947
7/28/2011 14:48	365179680	269	269	0	0	0	92.3	92.3	25	90.7	51.4	66.4	29.15	710	3158
7/28/2011 14:49	365179740	269	269	0	0	0	94.6	94.6	25	93.9	53.4	67.8	29.15	709	3308
7/28/2011 14:50	365179800	269	269	0	0	0	92.8	92.8	25	91.4	51.8	66.6	29.15	709	3191
7/28/2011 14:51	365179860	270	270	0.8	0.8	0	94.8	94.8	25	94.1	53.5	68	29.15	709	3321
7/28/2011 14:52	365179920	269	269	0	0	0	94	93.9	25	92.8	52.8	67.5	29.15	710	3265
7/28/2011 14:53	365179980	270	270	0	0	0	93.1	93.2	25	91.9	52.1	66.9	29.15	709	3214
7/28/2011 14:54	365180040	269	269	0	0	0	92.6	92.7	25	91.2	51.7	66.4	29.15	707	3178
7/28/2011 14:55	365180100	270	270	0	0	0	93.5	93.6	25	92.3	52.4	67.1	29.15	707	3237
7/28/2011 14:56	365180160	270	270	0	0	0	96.9	97	25	97.3	55.2	69.4	29.15	706	3460
7/28/2011 14:57	365180220	278	278	0	0	0	99.6	99.7	25	101.3	57.5	71.2	29.14	716	3650
7/28/2011 14:58	365180280	257	257	0	0	0	100.5	100.6	25	102.7	58.3	71.8	29.15	705	3696
7/28/2011 14:59	365180340	110	110	0	0	0	96	96.1	25	96.1	54.5	68.7	29.15	702	3398
7/28/2011 15:00	365180400	124	124	0	0	0	94.1	94.1	25	93	52.9	67.5	29.15	705	3270
7/28/2011 15:01	365180460	285	285	1.4	1.3	0.3	89.9	90	25	87.6	49.3	64.6	29.15	709	3001
7/28/2011 15:02	365180520	285	285	1.6	1.5	0.4	84.9	84.9	25	81.5	45.2	61.3	29.15	710	2673
7/28/2011 15:03	365180580	285	285	1.1	1.1	0.3	82.8	82.8	25	79	43.4	59.9	29.14	713	2535
7/28/2011 15:04	365180640	285	285	1.6	1.6	0.4	87.7	87.6	25	84.6	47.5	63.1	29.14	713	2853
7/28/2011 15:05	365180700	285	285	1.1	1	0.3	85.5	85.5	25	82	45.7	61.5	29.14	713	2711
7/28/2011 15:06	365180760	285	285	1.1	1.1	0.3	85.7	85.6	25	82.2	45.8	61.7	29.14	712	2721
7/28/2011 15:07	365180820	285	285	0.9	0.9	0.2	82.7	82.8	25	79	43.3	59.9	29.14	713	2535
7/28/2011 15:08	365180880	285	285	1.4	1.4	0.4	81	81	25	77.2	41.9	58.6	29.14	714	2415
7/28/2011 15:09	365180940	285	285	1.3	1.2	0.3	83	82.9	25	79.2	43.5	59.9	29.14	712	2543
7/28/2011 15:10	365181000	285	285	1.1	1.1	0.3	81.5	81.5	25	77.7	42.3	59	29.14	712	2448

**Wind Speed Data**  
**Stuebaker - Foundry Building**

FORMATTED DATE-TIME YYYY-MM-DD HH:MM:SS	DT s	MG Mag	TR TRUE	WS mph	CW mph	HW mph	TP Â°F	WC Â°F	RH %	HI Â°F	DP Â°F	WB Â°F	BP inHg	AL ft	DA ft
7/28/2011 15:11	365181060	285	285	1.5	1.4	0.4	80.9	81	25	77.2	41.8	58.6	29.14	714	2415
7/28/2011 15:12	365181120	285	285	1.2	1.2	0.3	80.6	80.6	25	76.8	41.6	58.5	29.14	714	2393
7/28/2011 15:13	365181180	286	286	1	0.9	0.3	82.5	82.4	25	78.6	43.1	59.5	29.14	716	2513
7/28/2011 15:14	365181240	286	286	1.3	1.2	0.4	84.8	84.7	25	81.3	45.1	61.2	29.14	718	2671
7/28/2011 15:15	365181300	286	286	1.4	1.3	0.4	83.2	83.1	25	79.3	43.7	60.1	29.14	721	2568
7/28/2011 15:16	365181360	286	286	1.7	1.6	0.5	84.4	84.4	52.1	87.1	64.9	70.9	29.14	721	2792
7/28/2011 15:17	365181420	279	279	0	0	0	86.2	86.2	40.8	86.7	59.6	68.4	29.14	719	2856
7/28/2011 15:18	365181480	120	120	0	0	0	87.2	87.3	35.4	86.7	56.5	67.1	29.14	718	2894
7/28/2011 15:19	365181540	223	223	1.4	1	-1.1	81.8	81.9	46.6	81.5	59.4	66.9	29.14	721	2590
7/28/2011 15:20	365181600	223	223	1.6	1.1	-1.2	80.5	80.4	48.7	80.2	59.4	66.4	29.14	719	2498
7/28/2011 15:21	365181660	223	223	1.6	1.1	-1.1	80.3	80.2	47.6	79.7	58.5	65.8	29.14	718	2480
7/28/2011 15:22	365181720	223	223	1.6	1.1	-1.1	80.7	80.6	48.2	80.2	59.3	66.6	29.14	716	2503
7/28/2011 15:23	365181780	223	223	1.6	1.1	-1.2	83.1	83.1	45.3	83.1	59.7	67.5	29.14	716	2660
7/28/2011 15:24	365181840	223	223	1.7	1.1	-1.2	81.1	81.1	47.4	80.8	59.2	66.6	29.14	719	2538
7/28/2011 15:25	365181900	223	223	1.5	1	-1.1	82.3	82.2	47.9	82.4	60.6	67.8	29.14	719	2618
7/28/2011 15:26	365181960	223	223	1.6	1.1	-1.2	81.7	81.7	46.6	81.3	59.3	66.7	29.14	720	2575
7/28/2011 15:27	365182020	223	223	1.4	1	-1	84.4	84.4	48.6	86	63	69.6	29.13	721	2777
7/28/2011 15:28	365182080	223	223	1.5	1	-1.1	86.8	86.9	41.2	88	60.4	69.1	29.13	723	2907
7/28/2011 15:29	365182140	223	223	1.2	0.8	-0.9	88.3	88.3	48.4	92.8	66.4	72.9	29.13	721	3049
7/28/2011 15:30	365182200	224	224	1.4	0.9	-1	85.7	85.6	43.2	86.5	60.7	68.7	29.13	725	2836
7/28/2011 15:31	365182260	225	225	1.5	1	-1	89	89.1	43.1	92.1	63.7	71.4	29.13	724	3072
7/28/2011 15:32	365182320	225	225	1.2	0.8	-0.8	87.2	87.3	41.7	88.7	61.1	69.4	29.13	727	2945
7/28/2011 15:33	365182380	326	326	1.2	0.7	1	87.1	87.1	41.3	88.2	60.7	69.3	29.13	723	2919
7/28/2011 15:34	365182440	44	44	0	0	0	90.1	90.1	39.8	92.8	62.4	71.1	29.14	721	3125
7/28/2011 15:35	365182500	318	318	0	0	0	91.4	91.4	42.4	96.3	65.4	73	29.14	719	3219
7/28/2011 15:36	365182560	317	317	0	0	0	91.8	91.8	42.6	97	65.8	73.4	29.14	716	3247
7/28/2011 15:37	365182620	318	318	0	0	0	91.8	91.8	44	97.7	66.8	73.9	29.14	716	3255
7/28/2011 15:38	365182680	318	318	0	0	0	92.1	92.1	39.6	96.3	64.1	72.5	29.14	716	3252
7/28/2011 15:39	365182740	318	318	0	0	0	93.9	93.9	40.1	99.9	66	74.1	29.14	716	3377
7/28/2011 15:40	365182800	319	319	0	0	0	93.7	93.7	41.9	100.4	67.1	74.7	29.14	716	3377
7/28/2011 15:41	365182860	318	318	0	0	0	92.8	92.8	43.7	99.5	67.5	74.7	29.14	716	3328
7/28/2011 15:42	365182920	318	318	0	0	0	94.5	94.5	40.5	101.1	66.8	74.7	29.14	714	3418
7/28/2011 15:43	365182980	317	317	0	0	0	96	96.1	39.9	104	67.7	75.6	29.14	719	3529
7/28/2011 15:44	365183040	319	319	0	0	0	91.8	91.8	36.2	94.1	61.3	70.9	29.14	716	3201
7/28/2011 15:45	365183100	317	317	0	0	0	92.9	92.8	38.8	97.2	64.1	72.7	29.14	719	3298
7/28/2011 15:46	365183160	348	348	0	0	0	94.3	94.3	39.6	100.2	66	74.1	29.14	721	3408
7/28/2011 15:47	365183220	45	45	0	0	0	93.2	93.2	38.6	97.7	64.3	72.9	29.14	720	3323
7/28/2011 15:48	365183280	37	37	0	0	0	93.1	93.2	38.8	97.7	64.4	72.9	29.13	723	3326
7/28/2011 15:49	365183340	2	2	0	0	0	92.8	92.8	39.4	97.5	64.5	72.9	29.14	716	3295
7/28/2011 15:50	365183400	317	317	0	0	0	92.3	92.3	39.6	96.6	64.2	72.7	29.14	719	3270
7/28/2011 15:51	365183460	5	5	0	0	0	91.9	91.9	39.7	96.1	63.9	72.3	29.13	726	3252
7/28/2011 15:52	365183520	345	345	0	0	0	91.5	91.4	39.9	95.2	63.7	72	29.13	723	3211
7/28/2011 15:53	365183580	330	330	0	0	0	91.1	91	40.4	94.8	63.7	72	29.13	723	3186



**Wind Speed Data  
Studebaker - Foundry Building**

FORMATTED DATE-TIME YYYY-MM-DD HH:MM:SS	DT s	MG Mag	TR TRUE	WS mph	CW mph	HW mph	TP Â°F	WC Â°F	RH %	HI Â°F	DP Â°F	WB Â°F	BP inHg	AL ft	DA ft
7/28/2011 15:54	365183640	324	324	0	0	0	90.8	90.9	41	94.6	63.8	72.1	29.13	724	3183
7/28/2011 15:55	365183700	321	321	0	0	0	90.5	90.5	41.6	94.3	64	72.1	29.13	723	3161
7/28/2011 15:56	365183760	355	355	0	0	0	90.3	90.3	42.3	94.1	64.3	72.1	29.13	726	3153
7/28/2011 15:57	365183820	353	353	0	0	0	90.1	90.1	43	94.1	64.5	72.3	29.13	725	3145
7/28/2011 15:58	365183880	37	37	0	0	0	89.8	89.8	43.6	93.7	64.8	72.3	29.13	721	3125
7/28/2011 15:59	365183940	62	62	0	0	0	89.7	89.6	44.1	93.6	64.9	72.3	29.14	718	3107
7/28/2011 16:00	365184000	62	62	0	0	0	89.4	89.4	44.5	93.4	65	72.1	29.14	719	3102
7/28/2011 16:01	365184060	62	62	0	0	0	89.3	89.2	44.6	93	64.9	72.1	29.14	717	3087
7/28/2011 16:02	365184120	62	62	0	0	0	89.1	89.1	44.8	92.7	64.9	72.1	29.14	721	3079
7/28/2011 16:03	365184180	62	62	0	0	0	88.9	88.9	44.9	92.3	64.8	72	29.14	720	3064
7/28/2011 16:04	365184240	60	60	0	0	0	88.8	88.7	45	92.1	64.7	72	29.14	716	3049
7/28/2011 16:05	365184300	310	310	0	0	0	88.7	88.7	45.1	92.1	64.7	72	29.13	723	3056
7/28/2011 16:06	365184360	296	296	0	0	0	88.5	88.5	45.4	91.8	64.7	71.8	29.13	727	3049
7/28/2011 16:07	365184420	310	310	0	0	0	88.4	88.5	45.8	91.9	64.9	72	29.13	725	3051
7/28/2011 16:08	365184480	310	310	0	0	0	88.4	88.3	46	91.8	65	72	29.14	718	3034
7/28/2011 16:09	365184540	310	310	0	0	0	88.3	88.3	46.1	91.8	64.9	72	29.13	723	3036
7/28/2011 16:10	365184600	310	310	0	0	0	88.2	88.2	46	91.4	64.8	71.8	29.13	723	3023
7/28/2011 16:11	365184660	310	310	0	0	0	88.1	88.2	46.1	91.4	64.8	71.8	29.13	723	3023
7/28/2011 16:12	365184720	310	310	0	0	0	88	88	46.1	91.2	64.7	71.8	29.13	723	3011
7/28/2011 16:13	365184780	311	311	0	0	0	88	88	46.1	91.2	64.7	71.6	29.13	724	3016
7/28/2011 16:14	365184840	50	50	0	0	0	87.9	88	46.4	91.4	64.8	71.8	29.13	724	3016
7/28/2011 16:15	365184900	39	39	0	0	0	87.8	87.8	46.5	91	64.8	71.8	29.13	724	3008
7/28/2011 16:16	365184960	38	38	0	0	0	87.8	87.8	46.6	91	64.8	71.8	29.14	719	3001
7/28/2011 16:17	365185020	38	38	0	0	0	87.7	87.8	46.6	91	64.8	71.8	29.14	717	2998
7/28/2011 16:18	365185080	38	38	0	0	0	87.7	87.6	46.6	90.7	64.7	71.6	29.14	718	2988
7/28/2011 16:19	365185140	38	38	0	0	0	87.6	87.6	46.6	90.7	64.7	71.6	29.14	717	2985
7/28/2011 16:20	365185200	38	38	0	0	0	87.6	87.6	46.6	90.7	64.6	71.6	29.14	718	2988
7/28/2011 16:21	365185260	38	38	0	0	0	87.5	87.6	46.6	90.7	64.6	71.6	29.14	719	2988
7/28/2011 16:22	365185320	38	38	0	0	0	87.5	87.4	46.6	90.5	64.5	71.4	29.13	723	2980
7/28/2011 16:23	365185380	38	38	0	0	0	87.5	87.4	46.6	90.5	64.5	71.4	29.13	721	2980
7/28/2011 16:24	365185440	46	46	0	0	0	87.4	87.4	46.6	90.5	64.5	71.4	29.13	721	2980
7/28/2011 16:25	365185500	312	312	0	0	0	87.4	87.4	47.5	90.9	65	71.6	29.12	731	2996
7/28/2011 16:26	365185560	292	292	0	0	0	87.4	87.4	48.2	91	65.4	72	29.13	728	2993
7/28/2011 16:27	365185620	292	292	0	0	0	87.4	87.4	48.3	91	65.4	72	29.13	723	2985
7/28/2011 16:28	365185680	32	32	0	0	0	87.4	87.4	48.5	91.2	65.6	72.1	29.13	728	2998
7/28/2011 16:29	365185740	358	358	0	0	0	87.4	87.4	48.6	91.2	65.6	72.1	29.14	717	2983
7/28/2011 16:30	365185800	5	5	0	0	0	87.3	87.3	48.5	90.9	65.5	72	29.14	712	2965
7/28/2011 16:31	365185860	37	37	0	0	0	87.3	87.3	48.4	90.9	65.5	72	29.15	711	2960
7/28/2011 16:32	365185920	34	34	0	0	0	87.3	87.3	48.3	90.9	65.4	71.8	29.13	728	2980
7/28/2011 16:33	365185980	35	35	0	0	0	87.2	87.3	48.2	90.9	65.3	71.8	29.15	710	2960
7/28/2011 16:34	365186040	35	35	0	0	0	87.2	87.3	47.9	90.7	65.1	71.8	29.15	706	2952
7/28/2011 16:35	365186100	38	38	0	0	0	87.2	87.3	47.6	90.5	64.9	71.6	29.14	714	2963
7/28/2011 16:36	365186160	353	353	0	0	0	87.2	87.3	47.4	90.5	64.7	71.6	29.14	718	2963

**Wind Speed Data  
Studebaker - Foundry Building**

FORMATTED DATE-TIME YYYY-MM-DD HH:MM:SS	DT s	MG Mag	TR TRUE	WS mph	CW mph	HW mph	TP °F	WC °F	RH %	HI °F	DP °F	WB °F	BP inHg	AL ft	DA ft
7/28/2011 16:37	365186220	31	31	0	0	0	87.1	87.1	47.2	90	64.6	71.4	29.13	730	2965
7/28/2011 16:38	365186280	13	13	0	0	0	87.1	87.1	46.2	89.8	63.9	71.1	29.14	720	2945
7/28/2011 16:39	365186340	348	348	0	0	0	87	87.1	46.1	89.8	63.8	71.1	29.1	758	2993
7/28/2011 16:40	365186400	351	351	0	0	0	87	86.9	45.9	89.2	63.6	70.7	29.06	796	3026
7/28/2011 16:41	365186460	351	351	0	0	0	86.9	86.9	45.5	89.2	63.4	70.5	29.08	777	3006
7/28/2011 16:42	365186520	317	317	0	0	0	86.9	86.9	45.3	89.1	63.1	70.5	29.05	798	3023
7/28/2011 16:43	365186580	31	31	0	0	0	86.8	86.9	45	89.1	62.9	70.3	29.05	798	3023
7/28/2011 16:44	365186640	14	14	0	0	0	86.8	86.7	44.8	88.7	62.7	70.2	29.08	775	2983
7/28/2011 16:45	365186700	24	24	0	0	0	86.7	86.7	44.4	88.5	62.4	70	29.1	756	2952
7/28/2011 16:46	365186760	21	21	0	0	0	86.7	86.7	44.1	88.5	62.2	70	29.12	733	2927
7/28/2011 16:47	365186820	291	291	0	0	0	86.6	86.5	43.9	88.2	62	69.8	29.12	738	2919
7/28/2011 16:48	365186880	291	291	0	0	0	86.6	86.5	43.8	88	61.9	69.6	29.1	755	2942
7/28/2011 16:49	365186940	290	290	0	0	0	86.5	86.5	43.7	88	61.8	69.6	29.08	777	2968
7/28/2011 16:50	365187000	291	291	0	0	0	86.4	86.4	43.3	87.8	61.5	69.4	29.06	793	2968
7/28/2011 16:51	365187060	291	291	0	0	0	86.4	86.4	42.9	87.6	61.2	69.3	29.04	814	2996
7/28/2011 16:52	365187120	290	290	0	0	0	86.3	86.4	42.8	87.6	61.1	69.1	29.03	822	3006
7/28/2011 16:53	365187180	290	290	0	0	0	86.2	86.2	42.7	87.3	60.9	69.1	29.05	800	2965
7/28/2011 16:54	365187240	287	287	0	0	0	86.2	86.2	42.6	87.3	60.8	68.9	29.05	797	2963
7/28/2011 16:55	365187300	287	287	0	0	0	86.1	86.2	42.3	87.3	60.5	68.7	29.03	823	2988
7/28/2011 16:56	365187360	288	288	0	0	0	86	86	41.7	86.7	60	68.5	29.03	819	2973
7/28/2011 16:57	365187420	288	288	0	0	0	85.9	86	41.5	86.5	59.8	68.4	28.99	854	3013
7/28/2011 16:58	365187480	289	289	0	0	0	85.9	85.8	41.3	86.4	59.7	68.2	29.03	821	2952
7/28/2011 16:59	365187540	289	289	0	0	0	85.8	85.8	41	86.4	59.3	68.2	29.04	814	2947
7/28/2011 17:00	365187600	289	289	0	0	0	85.7	85.6	41.1	86	59.4	68	29.06	793	2907
7/28/2011 17:01	365187660	289	289	0	0	0	85.6	85.6	41.1	86	59.3	68	28.97	881	3016
7/28/2011 17:02	365187720	288	288	0	0	0	85.5	85.5	41.2	85.8	59.3	67.8	28.97	877	2998
7/28/2011 17:03	365187780	288	288	0	0	0	85.5	85.5	41.1	85.8	59.2	67.8	29	846	2963
7/28/2011 17:04	365187840	286	286	0	0	0	85.4	85.5	41.1	85.8	59.1	67.8	28.98	866	2983
7/28/2011 17:05	365187900	286	286	0	0	0	85.3	85.3	41.2	85.5	59.1	67.8	28.99	857	2963
7/28/2011 17:06	365187960	286	286	0	0	0	85.3	85.3	41.1	85.5	59	67.8	28.98	864	2968
7/28/2011 17:07	365188020	286	286	0	0	0	85.2	85.1	41	85.3	58.9	67.5	29.02	828	2914
7/28/2011 17:08	365188080	288	288	0	0	0	85.1	85.1	40.7	85.1	58.6	67.5	29.01	840	2930
7/28/2011 17:09	365188140	288	288	0	0	0	85	85.1	40.5	85.1	58.3	67.3	29.08	777	2853
7/28/2011 17:10	365188200	283	283	0	0	0	84.9	84.9	40.3	84.7	58.1	67.1	29.08	769	2825
7/28/2011 17:11	365188260	283	283	0	0	0	84.9	84.9	40	84.7	57.9	67.1	29.04	807	2869
7/28/2011 17:12	365188320	286	286	0	0	0	84.8	84.7	39.9	84.4	57.7	66.9	29.02	835	2891
7/28/2011 17:13	365188380	286	286	0	0	0	84.7	84.7	39.8	84.4	57.6	66.7	29.05	805	2856
7/28/2011 17:14	365188440	286	286	0	0	0	84.6	84.6	39.5	84	57.3	66.6	29.06	796	2830
7/28/2011 17:15	365188500	286	286	0	0	0	84.6	84.6	39.5	84	57.2	66.6	29.06	793	2828
7/28/2011 17:16	365188560	284	284	0	0	0	84.5	84.6	39.3	84	57.1	66.4	29.06	795	2825
7/28/2011 17:17	365188620	284	284	0	0	0	84.4	84.4	39.3	83.8	56.9	66.4	29.06	790	2808
7/28/2011 17:18	365188680	284	284	0	0	0	84.3	84.4	39	83.7	56.6	66.2	29.07	781	2795
7/28/2011 17:19	365188740	284	284	0	0	0	84.2	84.2	38.8	83.3	56.4	66	29.08	769	2770

**Wind Speed Data  
Stuebaker - Foundry Building**

FORMATTED DATE-TIME YYYY-MM-DD HH:MM:SS	DT s	MG Mag	TR TRUE	WS mph	CW mph	HW mph	TP °F	WC °F	RH %	HI °F	DP °F	WB °F	BP inHg	AL ft	DA ft
7/28/2011 17:20	365188800	283	283	0	0	0	84.1	84.2	38.8	83.3	56.4	66	29.08	773	2775
7/28/2011 17:21	365188860	284	284	0	0	0	84	84	38.8	83.1	56.3	66	29.07	780	2770
7/28/2011 17:22	365188920	284	284	0	0	0	84	84	38.8	83.1	56.2	66	29.08	777	2770
7/28/2011 17:23	365188980	284	284	0	0	0	83.8	83.8	38.8	82.8	56.1	65.8	29.1	753	2724
7/28/2011 17:24	365189040	284	284	0	0	0	83.8	83.8	38.8	82.8	56.1	65.8	29.1	751	2721
7/28/2011 17:25	365189100	284	284	0	0	0	83.7	83.7	38.9	82.6	56	65.7	29.11	740	2696
7/28/2011 17:26	365189160	284	284	0	0	0	83.6	83.7	38.9	82.6	55.9	65.7	29.13	728	2681
7/28/2011 17:27	365189220	284	284	0	0	0	83.5	83.5	39	82.4	56	65.7	29.13	726	2665
7/28/2011 17:28	365189280	288	288	0	0	0	83.4	83.5	39.1	82.4	56	65.7	29.14	719	2658
7/28/2011 17:29	365189340	288	288	0	0	0	83.4	83.3	39.1	82.2	55.9	65.5	29.13	727	2655
7/28/2011 17:30	365189400	284	284	0	0	0	83.3	83.3	39	82.2	55.8	65.5	29.14	712	2635
7/28/2011 17:31	365189460	284	284	0	0	0	83.2	83.1	38.9	81.9	55.6	65.3	29.15	710	2625
7/28/2011 17:32	365189520	284	284	0	0	0	83.1	83.1	38.9	81.9	55.5	65.3	29.14	712	2625
7/28/2011 17:33	365189580	285	285	0	0	0	83	82.9	38.8	81.5	55.4	65.1	29.15	711	2613
7/28/2011 17:34	365189640	288	288	0	0	0	82.9	82.9	38.8	81.5	55.2	65.1	29.15	706	2605
7/28/2011 17:35	365189700	288	288	0	0	0	82.8	82.8	38.6	81.3	55.1	64.9	29.15	703	2590
7/28/2011 17:36	365189760	288	288	0	0	0	82.7	82.8	38.5	81.3	54.9	64.8	29.16	699	2585
7/28/2011 17:37	365189820	288	288	0	0	0	82.6	82.6	38.3	81	54.7	64.6	29.15	707	2580
7/28/2011 17:38	365189880	288	288	0	0	0	82.6	82.6	38.5	81	54.8	64.8	29.15	709	2583
7/28/2011 17:39	365189940	288	288	0	0	0	82.5	82.6	38.8	81	54.9	64.8	29.14	714	2590
7/28/2011 17:40	365190000	288	288	0	0	0	82.4	82.4	39	81	55	64.8	29.15	709	2573
7/28/2011 17:41	365190060	288	288	0	0	0	82.4	82.4	39.2	81	55.1	64.8	29.14	712	2575
7/28/2011 17:42	365190120	288	288	0	0	0	82.3	82.4	39.4	81	55.2	64.9	29.15	709	2573
7/28/2011 17:43	365190180	288	288	0	0	0	82.3	82.2	39.7	80.8	55.3	64.9	29.15	711	2568
7/28/2011 17:44	365190240	288	288	0	0	0	82.2	82.2	39.9	80.8	55.4	64.9	29.15	710	2568
7/28/2011 17:45	365190300	288	288	0	0	0	82.2	82.2	40	81	55.5	65.1	29.14	714	2570
7/28/2011 17:46	365190360	288	288	0	0	0	82.1	82.2	40.2	81	55.6	65.1	29.15	711	2568
7/28/2011 17:47	365190420	288	288	0	0	0	82.1	82	40.4	80.6	55.6	64.9	29.14	713	2560
7/28/2011 17:48	365190480	288	288	0	0	0	82	82	40.6	80.6	55.7	65.1	29.15	709	2558
7/28/2011 17:49	365190540	288	288	0	0	0	82	82	40.8	80.6	55.8	65.1	29.15	709	2558
7/28/2011 17:50	365190600	288	288	0	0	0	81.9	81.9	40.9	80.4	55.9	65.1	29.15	709	2545
7/28/2011 17:51	365190660	288	288	0	0	0	81.9	81.9	41.1	80.6	56	65.1	29.15	709	2545
7/28/2011 17:52	365190720	288	288	0	0	0	81.8	81.9	41.3	80.6	56	65.1	29.14	713	2553
7/28/2011 17:53	365190780	288	288	0	0	0	81.8	81.9	41.4	80.6	56.1	65.1	29.15	711	2548
7/28/2011 17:54	365190840	288	288	0	0	0	81.8	81.9	41.5	80.6	56.2	65.1	29.14	714	2558
7/28/2011 17:55	365190900	288	288	0	0	0	81.8	81.9	41.8	80.6	56.3	65.3	29.14	714	2558
7/28/2011 17:56	365190960	288	288	0	0	0	81.8	81.9	41.9	80.6	56.4	65.3	29.15	709	2550
7/28/2011 17:57	365191020	288	288	0	0	0	81.8	81.7	42.1	80.6	56.5	65.3	29.15	709	2538
7/28/2011 17:58	365191080	288	288	0	0	0	81.7	81.7	42.2	80.6	56.5	65.3	29.15	710	2540
7/28/2011 17:59	365191140	288	288	0	0	0	81.7	81.7	42.3	80.6	56.6	65.5	29.15	709	2538
7/28/2011 18:00	365191200	288	288	0	0	0	81.7	81.7	42.4	80.6	56.7	65.5	29.15	707	2538
7/28/2011 18:01	365191260	288	288	0	0	0	81.7	81.7	42.5	80.6	56.8	65.5	29.15	707	2543
7/28/2011 18:02	365191320	288	288	0	0	0	81.7	81.7	42.7	80.6	56.8	65.5	29.15	707	2543

**Wind Speed Data  
Stuebaker - Foundry Building**

FORMATTED DATE-TIME YYYY-MM-DD HH:MM:SS	DT s	MG Mag	TR TRUE	WS mph	CW mph	AW h	TP °F	DB °F	RH %	PI °F	DP °F	WB °F	BP inHg	AL ft	DA ft
7/28/2011 18:03	365191300	288	288	0	0	0	81.7	81.7	42.7	80.6	56.9	65.5	29.15	709	2543
7/28/2011 18:04	365191440	288	288	0	0	0	81.7	81.7	42.8	80.6	57	65.7	29.15	711	2545
7/28/2011 18:05	365191500	288	288	0	0	0	81.7	81.7	42.9	80.6	57	65.7	29.14	712	2545
7/28/2011 18:06	365191560	288	288	0	0	0	81.7	81.7	43	80.8	57.1	65.7	29.15	709	2543
7/28/2011 18:07	365191620	288	288	0	0	0	81.7	81.7	43.1	80.8	57.2	65.7	29.14	712	2545
7/28/2011 18:08	365191680	288	288	0	0	0	81.7	81.7	43.2	80.8	57.2	65.7	29.14	714	2548
7/28/2011 18:09	365191740	288	288	0	0	0	81.8	81.7	43.3	80.8	57.3	65.7	29.14	713	2548
7/28/2011 18:10	365191800	288	288	0	0	0	81.8	81.9	43.5	81	57.4	65.8	29.15	709	2560
7/28/2011 18:11	365191860	288	288	0	0	0	81.8	81.9	43.5	81	57.4	65.8	29.14	716	2570
7/28/2011 18:12	365191920	288	288	0	0	0	81.8	81.9	43.6	81	57.5	65.8	29.15	711	2563
7/28/2011 18:13	365191980	288	288	0	0	0	81.8	81.9	43.6	81	57.6	65.8	29.15	709	2560
7/28/2011 18:14	365192040	288	288	0	0	0	81.8	81.9	43.7	81	57.6	65.8	29.14	713	2565
7/28/2011 18:15	365192100	288	288	0	0	0	81.9	81.9	43.7	81	57.7	66	29.14	712	2563
7/28/2011 18:16	365192160	288	288	0	0	0	81.9	81.9	43.8	81	57.8	66	29.14	714	2565
7/28/2011 18:17	365192220	288	288	0	0	0	81.9	81.9	43.9	81	57.8	66	29.14	714	2565
7/28/2011 18:18	365192280	288	288	0	0	0	82	82	43.9	81.1	57.9	66.2	29.14	713	2578
7/28/2011 18:19	365192340	288	288	0	0	0	82	82	44	81.3	58	66.2	29.14	714	2578
7/28/2011 18:20	365192400	288	288	0	0	0	82	82	44.1	81.3	58	66.2	29.14	714	2578
7/28/2011 18:21	365192460	288	288	0	0	0	82.1	82	44.2	81.3	58.1	66.2	29.14	712	2575
7/28/2011 18:22	365192520	288	288	0	0	0	82.1	82	44.2	81.3	58.2	66.2	29.15	711	2575
7/28/2011 18:23	365192580	288	288	0	0	0	82.1	82	44.3	81.3	58.2	66.4	29.14	716	2583
7/28/2011 18:24	365192640	288	288	0	0	0	82.2	82.2	44.3	81.7	58.3	66.4	29.14	716	2595
7/28/2011 18:25	365192700	288	288	0	0	0	82.2	82.2	44.4	81.7	58.4	66.4	29.14	716	2595
7/28/2011 18:26	365192760	288	288	0	0	0	82.2	82.2	44.5	81.7	58.4	66.4	29.14	714	2595
7/28/2011 18:27	365192820	288	288	0	0	0	82.2	82.2	44.5	81.7	58.5	66.4	29.14	713	2595
7/28/2011 18:28	365192880	288	288	0	0	0	82.3	82.2	44.6	81.7	58.6	66.6	29.14	716	2598
7/28/2011 18:29	365192940	288	288	0	0	0	82.3	82.2	44.7	81.7	58.7	66.6	29.14	714	2595
7/28/2011 18:30	365193000	288	288	0	0	0	82.3	82.4	44.7	81.9	58.7	66.6	29.14	719	2615
7/28/2011 18:31	365193060	288	288	0	0	0	82.4	82.4	44.8	81.9	58.8	66.7	29.14	719	2615
7/28/2011 18:32	365193120	288	288	0	0	0	82.4	82.4	44.8	81.9	58.8	66.7	29.14	718	2615
7/28/2011 18:33	365193180	288	288	0	0	0	82.4	82.4	44.8	81.9	58.9	66.7	29.14	716	2610
7/28/2011 18:34	365193240	288	288	0	0	0	82.5	82.4	44.9	81.9	59	66.9	29.14	716	2610
7/28/2011 18:35	365193300	288	288	0	0	0	82.5	82.6	45	82.4	59	66.9	29.14	716	2623
7/28/2011 18:36	365193360	288	288	0	0	0	82.5	82.6	45	82.4	59.1	66.9	29.15	711	2618
7/28/2011 18:37	365193420	288	288	0	0	0	82.6	82.6	45.1	82.4	59.2	67.1	29.14	716	2623
7/28/2011 18:38	365193480	288	288	0	0	0	82.6	82.6	45.1	82.4	59.2	67.1	29.14	714	2620
7/28/2011 18:39	365193540	288	288	0	0	0	82.7	82.6	45.1	82.4	59.2	67.1	29.14	716	2623
7/28/2011 18:40	365193600	288	288	0	0	0	82.7	82.8	45.2	82.6	59.3	67.1	29.14	716	2635
7/28/2011 18:41	365193660	288	288	0	0	0	82.7	82.8	45.2	82.6	59.4	67.1	29.14	714	2633
7/28/2011 18:42	365193720	288	288	0	0	0	82.8	82.8	45.3	82.6	59.5	67.3	29.15	711	2630
7/28/2011 18:43	365193780	288	288	0	0	0	82.9	82.9	45.3	82.9	59.5	67.3	29.15	710	2643
7/28/2011 18:44	365193840	288	288	0	0	0	82.9	82.9	45.3	82.9	59.6	67.3	29.14	714	2645
7/28/2011 18:45	365193900	288	288	0	0	0	82.9	82.9	45.3	82.9	59.6	67.3	29.15	710	2643

**Wind Speed Data  
Studebaker - Foundry Building**

FORMATTED DATE-TIME	T	MG	TR	WS	CW	HW	TP	WC	RH	HI	DP	WB	BP	AL	DA
YYYY-MM-DD HH:MM:SS			TIME	mph	mph	mph	°F	°F	%	°F	°F	°F	inHg	ft	ft
7/28/2011 18:46	365194000	288	288	0	0	0	83	82.9	45.4	82.9	59.7	67.5	29.14	716	2648
7/28/2011 18:47	365194020	288	288	0	0	0	83	82.9	45.4	82.9	59.7	67.5	29.13	724	2658
7/28/2011 18:48	365194080	288	288	0	0	0	83.1	83.1	45.5	83.1	59.8	67.5	29.14	713	2663
7/28/2011 18:49	365194140	288	288	0	0	0	83.1	83.1	45.5	83.1	59.9	67.5	29.14	717	2665
7/28/2011 18:50	365194200	288	288	0	0	0	83.1	83.1	45.5	83.1	59.9	67.5	29.13	721	2673
7/28/2011 18:51	365194260	288	288	0	0	0	83.2	83.1	45.6	83.1	60	67.6	29.14	718	2668
7/28/2011 18:52	365194320	288	288	0	0	0	83.2	83.3	45.6	83.5	60.1	67.6	29.14	718	2681
7/28/2011 18:53	365194380	288	288	0	0	0	83.3	83.3	45.5	83.5	60.1	67.6	29.13	723	2686
7/28/2011 18:54	365194440	288	288	0	0	0	83.3	83.3	45.6	83.5	60.1	67.6	29.14	720	2681
7/28/2011 18:55	365194500	288	288	0	0	0	83.3	83.3	45.7	83.5	60.2	67.8	29.14	716	2678
7/28/2011 18:56	365194560	288	288	0	0	0	83.4	83.5	45.7	83.8	60.3	67.8	29.14	721	2698
7/28/2011 18:57	365194620	288	288	0	0	0	83.4	83.5	45.7	83.8	60.3	67.8	29.13	723	2698
7/28/2011 18:58	365194680	288	288	0	0	0	83.5	83.5	45.8	83.8	60.4	68	29.14	719	2693
7/28/2011 18:59	365194740	288	288	0	0	0	83.5	83.5	45.9	83.8	60.5	68	29.14	718	2693
7/28/2011 19:00	365194800	288	288	0	0	0	83.6	83.7	45.9	84.2	60.6	68.2	29.14	716	2704
7/28/2011 19:01	365194860	288	288	0	0	0	83.6	83.7	45.9	84.2	60.6	68.2	29.14	719	2706
7/28/2011 19:02	365194920	288	288	0	0	0	83.6	83.7	46	84.2	60.7	68.2	29.14	718	2706
7/28/2011 19:03	365194980	288	288	0	0	0	83.7	83.7	46	84.2	60.7	68.2	29.14	719	2706
7/28/2011 19:04	365195040	288	288	0	0	0	83.7	83.7	46	84.2	60.7	68.2	29.15	709	2693
7/28/2011 19:05	365195100	288	288	0	0	0	83.8	83.8	46	84.6	60.8	68.4	29.14	718	2719
7/28/2011 19:06	365195160	288	288	0	0	0	83.8	83.8	46	84.6	60.8	68.4	29.14	720	2719
7/28/2011 19:07	365195220	288	288	0	0	0	83.9	83.8	46	84.6	60.9	68.4	29.14	719	2719
7/28/2011 19:08	365195280	288	288	0	0	0	83.9	83.8	46.1	84.6	61	68.4	29.14	720	2719
7/28/2011 19:09	365195340	288	288	0	0	0	84	84	46.1	84.7	61	68.4	29.14	716	2729
7/28/2011 19:10	365195400	288	288	0	0	0	84	84	46.1	84.7	61	68.4	29.14	718	2731
7/28/2011 19:11	365195460	288	288	0	0	0	84	84	46.1	84.7	61.1	68.5	29.14	717	2729
7/28/2011 19:12	365195520	288	288	0	0	0	84.1	84	46.1	84.7	61.1	68.5	29.14	716	2729
7/28/2011 19:13	365195580	288	288	0	0	0	84.1	84	46.1	84.7	61.2	68.5	29.14	716	2729
7/28/2011 19:14	365195640	288	288	0	0	0	84.2	84.2	46.1	85.1	61.2	68.5	29.14	717	2742
7/28/2011 19:15	365195700	288	288	0	0	0	84.2	84.2	46.1	85.1	61.3	68.7	29.14	716	2742
7/28/2011 19:16	365195760	288	288	0	0	0	84.2	84.2	46.2	85.1	61.3	68.7	29.14	714	2739
7/28/2011 19:17	365195820	288	288	0	0	0	84.3	84.2	46.1	85.1	61.3	68.7	29.14	713	2739
7/28/2011 19:18	365195880	288	288	0	0	0	84.3	84.4	46.2	85.5	61.4	68.7	29.14	716	2754
7/28/2011 19:19	365195940	288	288	0	0	0	84.3	84.4	46.2	85.5	61.4	68.7	29.14	712	2747
7/28/2011 19:20	365196000	288	288	0	0	0	84.4	84.4	46.2	85.5	61.5	68.9	29.14	717	2754
7/28/2011 19:21	365196060	288	288	0	0	0	84.4	84.4	46.2	85.5	61.5	68.9	29.14	720	2757
7/28/2011 19:22	365196120	288	288	0	0	0	84.4	84.4	46.2	85.5	61.5	68.9	29.13	723	2759
7/28/2011 19:23	365196180	288	288	0	0	0	84.5	84.6	46.3	85.6	61.6	68.9	29.13	723	2772
7/28/2011 19:24	365196240	288	288	0	0	0	84.5	84.6	46.2	85.6	61.6	68.9	29.14	721	2772
7/28/2011 19:25	365196300	288	288	0	0	0	84.5	84.6	46.3	85.6	61.7	69.1	29.13	728	2780
7/28/2011 19:26	365196360	288	288	0	0	0	84.6	84.6	46.3	85.6	61.7	69.1	29.13	726	2777
7/28/2011 19:27	365196420	288	288	0	0	0	84.6	84.6	46.3	85.6	61.7	69.1	29.14	720	2770
7/28/2011 19:28	365196480	288	288	0	0	0	84.7	84.7	46.2	86	61.8	69.1	29.14	718	2782

**Wind Speed Data  
Studebaker - Foundry Building**

FORMER DATE TIME	MG	TR	WS	LV	HW	TP	WC	RH	DI	DP	WB	BP	AL	DA
YYYY-MM-DD HH:MM		TRUE	mph	mph	mph	°F	°F	%	°F	°F	°F	°F	ft	ft
7/28/2011 19:29 365196500	288	288	0	0	0	84.7	84.7	46.3	86	61.8	69.1	29.14	725	2782
7/28/2011 19:30 365196600	288	288	0	0	0	84.7	84.7	46.3	86	61.8	69.1	29.13	725	2790
7/28/2011 19:31 365196660	288	288	0	0	0	84.8	84.7	46.3	86	61.9	69.1	29.13	724	2790
7/28/2011 19:32 365196720	288	288	0	0	0	84.8	84.7	46.3	86	61.9	69.1	29.13	723	2785
7/28/2011 19:33 365196780	288	288	0	0	0	84.8	84.7	46.3	86	61.9	69.1	29.13	721	2785
7/28/2011 19:34 365196840	288	288	0	0	0	84.9	84.9	46.3	86.2	62	69.3	29.13	721	2797
7/28/2011 19:35 365196900	288	288	0	0	0	84.9	84.9	46.3	86.2	62	69.3	29.14	720	2795
7/28/2011 19:36 365196960	288	288	0	0	0	84.9	84.9	46.3	86.2	62	69.3	29.14	720	2795
7/28/2011 19:37 365197020	288	288	0	0	0	85	84.9	46.3	86.2	62.1	69.3	29.13	721	2797
7/28/2011 19:38 365197080	288	288	0	0	0	85	84.9	46.3	86.2	62.1	69.3	29.14	719	2795
7/28/2011 19:39 365197140	288	288	0	0	0	85	84.9	46.3	86.2	62.1	69.3	29.14	721	2797
7/28/2011 19:40 365197200	288	288	0	0	0	85	85.1	46.3	86.5	62.2	69.4	29.14	719	2808
7/28/2011 19:41 365197260	288	288	0	0	0	85.1	85.1	46.4	86.7	62.2	69.4	29.14	719	2808
7/28/2011 19:42 365197320	288	288	0	0	0	85.1	85.1	46.4	86.7	62.2	69.4	29.14	717	2805
7/28/2011 19:43 365197380	288	288	0	0	0	85.1	85.1	46.4	86.7	62.2	69.4	29.14	720	2808
7/28/2011 19:44 365197440	288	288	0	0	0	85.1	85.1	46.4	86.7	62.3	69.4	29.14	717	2805
7/28/2011 19:45 365197500	288	288	0	0	0	85.2	85.1	46.4	86.7	62.3	69.4	29.13	723	2810
7/28/2011 19:46 365197560	288	288	0	0	0	85.2	85.3	46.4	86.9	62.3	69.4	29.13	725	2828
7/28/2011 19:47 365197620	288	288	0	0	0	85.2	85.3	46.4	86.9	62.4	69.6	29.13	723	2823
7/28/2011 19:48 365197680	288	288	0	0	0	85.2	85.3	46.4	86.9	62.4	69.6	29.14	721	2823
7/28/2011 19:49 365197740	288	288	0	0	0	85.3	85.3	46.4	86.9	62.4	69.6	29.14	719	2820
7/28/2011 19:50 365197800	288	288	0	0	0	85.3	85.3	46.4	86.9	62.4	69.6	29.14	717	2815
7/28/2011 19:51 365197860	288	288	0	0	0	85.3	85.3	46.5	86.9	62.5	69.6	29.14	717	2823
7/28/2011 19:52 365197920	288	288	0	0	0	85.4	85.5	46.4	87.3	62.5	69.6	29.14	716	2828
7/28/2011 19:53 365197980	288	288	0	0	0	85.4	85.5	46.4	87.3	62.5	69.6	29.14	718	2833
7/28/2011 19:54 365198040	288	288	0	0	0	85.4	85.5	46.4	87.3	62.5	69.8	29.14	716	2828
7/28/2011 19:55 365198100	288	288	0	0	0	85.4	85.5	46.4	87.3	62.6	69.8	29.14	719	2833
7/28/2011 19:56 365198160	288	288	0	0	0	85.4	85.5	46.4	87.3	62.6	69.8	29.14	721	2836
7/28/2011 19:57 365198220	288	288	0	0	0	85.5	85.5	46.4	87.3	62.6	69.8	29.14	718	2833
7/28/2011 19:58 365198280	288	288	0	0	0	85.5	85.5	46.4	87.3	62.6	69.8	29.14	720	2833
7/28/2011 19:59 365198340	288	288	0	0	0	85.5	85.5	46.4	87.3	62.6	69.8	29.14	717	2828
7/28/2011 20:00 365198400	288	288	0	0	0	85.5	85.5	46.4	87.3	62.6	69.8	29.14	720	2833
7/28/2011 20:01 365198460	288	288	0	0	0	85.5	85.5	46.5	87.3	62.7	70	29.14	716	2833
7/28/2011 20:02 365198520	288	288	0	0	0	85.6	85.6	46.5	87.4	62.7	70	29.14	718	2851
7/28/2011 20:03 365198580	288	288	0	0	0	85.6	85.6	46.4	87.4	62.7	70	29.14	714	2838
7/28/2011 20:04 365198640	288	288	0	0	0	85.6	85.6	46.4	87.4	62.7	70	29.14	714	2838
7/28/2011 20:05 365198700	288	288	0	0	0	85.6	85.6	46.5	87.4	62.8	70	29.14	714	2843
7/28/2011 20:06 365198760	288	288	0	0	0	85.6	85.6	46.4	87.4	62.8	70	29.14	714	2838
7/28/2011 20:07 365198820	288	288	0	0	0	85.7	85.6	46.4	87.4	62.8	70	29.14	714	2838
7/28/2011 20:08 365198880	288	288	0	0	0	85.7	85.6	46.5	87.4	62.8	70	29.14	716	2848
7/28/2011 20:09 365198940	288	288	0	0	0	85.7	85.6	46.4	87.4	62.8	70	29.14	716	2841
7/28/2011 20:10 365199000	288	288	0	0	0	85.7	85.6	46.4	87.4	62.8	70	29.14	716	2841
7/28/2011 20:11 365199060	288	288	0	0	0	85.7	85.6	46.4	87.4	62.8	70	29.14	717	2841

**Wind Speed Data  
Studebaker - Foundry Building**

FORMATTED DATE TIME	DT	WG	TR	WS	CW	HW	TP	WC	RH	HI	DP	WB	LP	AL	DA
MM/DD/YYYY HH:MM:SS	SS	ft/s	MPH	ft/s	ft/s	ft/s	ft/s	ft/s	%	ft	ft	ft	ft	ft	ft
7/28/2011 20:12	365199180	288	288	0	0	0	85.8	85.8	46.5	87.8	62.9	70	29.14	714	2856
7/28/2011 20:13	365199180	288	288	0	0	0	85.8	85.8	46.5	87.8	62.9	70	29.14	716	2858
7/28/2011 20:14	365199240	288	288	0	0	0	85.8	85.8	46.5	87.8	62.9	70	29.14	713	2856
7/28/2011 20:15	365199300	288	288	0	0	0	85.8	85.8	46.5	87.8	62.9	70	29.14	712	2853
7/28/2011 20:16	365199360	288	288	0	0	0	85.8	85.8	46.5	87.8	62.9	70	29.14	714	2856
7/28/2011 20:17	365199420	288	288	0	0	0	85.8	85.8	46.5	87.8	63	70	29.14	714	2856
7/28/2011 20:18	365199480	288	288	0	0	0	85.8	85.8	46.5	87.8	63	70	29.14	714	2856
7/28/2011 20:19	365199540	288	288	0	0	0	85.9	85.8	46.4	87.8	63	70	29.14	712	2848
7/28/2011 20:20	365199600	288	288	0	0	0	85.9	85.8	46.5	87.8	63	70	29.14	714	2856
7/28/2011 20:21	365199660	288	288	0	0	0	85.9	85.8	46.5	87.8	63	70	29.14	714	2856
7/28/2011 20:22	365199720	288	288	0	0	0	85.9	85.8	46.5	87.8	63	70	29.14	712	2853
7/28/2011 20:23	365199780	288	288	0	0	0	85.9	86	46.5	88.2	63	70.2	29.14	713	2869
7/28/2011 20:24	365199840	288	288	0	0	0	85.9	86	46.5	88.2	63.1	70.3	29.14	712	2866
7/28/2011 20:25	365199900	288	288	0	0	0	85.9	86	46.5	88.2	63.1	70.3	29.14	712	2866
7/28/2011 20:26	365199960	288	288	0	0	0	86	86	46.5	88.2	63.1	70.3	29.14	716	2874
7/28/2011 20:27	365200020	288	288	0	0	0	86	86	46.5	88.2	63.1	70.3	29.14	712	2866
7/28/2011 20:28	365200080	288	288	0	0	0	86	86	46.5	88.2	63.1	70.3	29.14	716	2874
7/28/2011 20:29	365200140	288	288	0	0	0	86	86	46.5	88.2	63.1	70.3	29.15	709	2861
7/28/2011 20:30	365200200	288	288	0	0	0	86	86	46.5	88.2	63.1	70.3	29.14	713	2869
7/28/2011 20:31	365200260	288	288	0	0	0	86	86	46.5	88.2	63.1	70.3	29.15	709	2861
7/28/2011 20:32	365200320	288	288	0	0	0	86	86	46.5	88.2	63.2	70.3	29.15	710	2866
7/28/2011 20:33	365200380	288	288	0	0	0	86	86	46.5	88.2	63.2	70.3	29.15	709	2861
7/28/2011 20:34	365200440	288	288	0	0	0	86	86	46.5	88.2	63.2	70.3	29.15	709	2861
7/28/2011 20:35	365200500	288	288	0	0	0	86	86	46.6	88.2	63.2	70.3	29.15	706	2858
7/28/2011 20:36	365200560	288	288	0	0	0	86	86	46.6	88.2	63.2	70.3	29.15	709	2861
7/28/2011 20:37	365200620	288	288	0	0	0	86.1	86	46.5	88.2	63.2	70.3	29.15	705	2858
7/28/2011 20:38	365200680	288	288	0	0	0	86.1	86.2	46.5	88.3	63.2	70.3	29.15	705	2871
7/28/2011 20:39	365200740	288	288	0	0	0	86.1	86	46.5	88.2	63.2	70.3	29.15	710	2866
7/28/2011 20:40	365200800	288	288	0	0	0	86.1	86.2	46.6	88.3	63.2	70.3	29.15	707	2874
7/28/2011 20:41	365200860	288	288	0	0	0	86.1	86.2	46.6	88.3	63.3	70.3	29.15	704	2871
7/28/2011 20:42	365200920	288	288	0	0	0	86.1	86.2	46.6	88.3	63.3	70.3	29.15	707	2874
7/28/2011 20:43	365200980	288	288	0	0	0	86.1	86.2	46.6	88.3	63.3	70.3	29.15	706	2871
7/28/2011 20:44	365201040	288	288	0	0	0	86.1	86.2	46.5	88.3	63.3	70.3	29.15	709	2874
7/28/2011 20:45	365201100	288	288	0	0	0	86.1	86.2	46.6	88.3	63.3	70.3	29.15	706	2871
7/28/2011 20:46	365201160	288	288	0	0	0	86.1	86.2	46.6	88.3	63.3	70.3	29.15	706	2871
7/28/2011 20:47	365201220	288	288	0	0	0	86.1	86.2	46.6	88.3	63.3	70.3	29.15	703	2869
7/28/2011 20:48	365201280	288	288	0	0	0	86.1	86.2	46.6	88.3	63.3	70.3	29.16	700	2864
7/28/2011 20:49	365201340	288	288	0	0	0	86.1	86.2	46.6	88.3	63.3	70.3	29.16	700	2864
7/28/2011 20:50	365201400	288	288	0	0	0	86.2	86.2	46.6	88.3	63.3	70.3	29.15	705	2871
7/28/2011 20:51	365201460	288	288	0	0	0	86.2	86.2	46.6	88.3	63.3	70.3	29.15	706	2871
7/28/2011 20:52	365201520	288	288	0	0	0	86.1	86.2	46.6	88.3	63.3	70.3	29.15	703	2869
7/28/2011 20:53	365201580	288	288	0	0	0	86.2	86.2	46.6	88.3	63.4	70.3	29.15	705	2871
7/28/2011 20:54	365201640	288	288	0	0	0	86.2	86.2	46.6	88.3	63.4	70.3	29.15	705	2871

**Wind Speed Data  
Studebaker - Foundry Building**

UNLIMITED DATE-TIME	DT	MG	TR	WS	SW	HW	DP	WC	RH	HI	DP	WB	BP	AL	DA
YYYY-MM-DD HH:MM:SS	Sec	ft	TIME	ft	ft	ft	ft	ft	%	ft	ft	ft	ft	ft	ft
7/28/2011 20:54	365201700	288	288	0	0	0	86.2	86.2	46.6	88.3	63.4	70.3	29.15	705	2871
7/28/2011 20:56	365201760	288	288	0	0	0	86.2	86.2	46.6	88.3	63.4	70.3	29.15	702	2869
7/28/2011 20:57	365201820	288	288	0	0	0	86.2	86.2	46.6	88.3	63.4	70.3	29.15	702	2869
7/28/2011 20:58	365201880	288	288	0	0	0	86.2	86.2	46.6	88.3	63.4	70.3	29.15	702	2869
7/28/2011 20:59	365201940	288	288	0	0	0	86.2	86.2	46.6	88.3	63.4	70.3	29.16	702	2869
7/28/2011 21:00	365202000	288	288	0	0	0	86.2	86.2	46.7	88.5	63.4	70.5	29.15	705	2871
7/28/2011 21:01	365202060	288	288	0	0	0	86.2	86.2	46.7	88.5	63.4	70.5	29.15	704	2871
7/28/2011 21:02	365202120	288	288	0	0	0	86.2	86.2	46.6	88.3	63.4	70.3	29.16	697	2861
7/28/2011 21:03	365202180	288	288	0	0	0	86.2	86.2	46.7	88.5	63.4	70.5	29.15	703	2869
7/28/2011 21:04	365202240	288	288	0	0	0	86.2	86.2	46.7	88.5	63.4	70.5	29.15	702	2869
7/28/2011 21:05	365202300	288	288	0	0	0	86.2	86.2	46.6	88.3	63.4	70.5	29.16	700	2864
7/28/2011 21:06	365202360	288	288	0	0	0	86.2	86.2	46.6	88.3	63.4	70.5	29.16	700	2864
7/28/2011 21:07	365202420	288	288	0	0	0	86.2	86.2	46.6	88.3	63.4	70.5	29.16	696	2861
7/28/2011 21:08	365202480	288	288	0	0	0	86.2	86.2	46.7	88.5	63.4	70.5	29.16	700	2864
7/28/2011 21:09	365202540	288	288	0	0	0	86.2	86.2	46.7	88.5	63.4	70.5	29.16	700	2864
7/28/2011 21:10	365202600	288	288	0	0	0	86.2	86.2	46.7	88.5	63.5	70.5	29.16	698	2861
7/28/2011 21:11	365202660	288	288	0	0	0	86.2	86.2	46.7	88.5	63.5	70.5	29.16	700	2864
7/28/2011 21:12	365202720	288	288	0	0	0	86.2	86.2	46.7	88.5	63.5	70.5	29.15	703	2869
7/28/2011 21:13	365202780	288	288	0	0	0	86.3	86.2	46.7	88.5	63.5	70.5	29.16	699	2864
7/28/2011 21:14	365202840	288	288	0	0	0	86.2	86.2	46.7	88.5	63.5	70.5	29.15	704	2871
7/28/2011 21:15	365202900	288	288	0	0	0	86.2	86.2	46.7	88.5	63.5	70.5	29.16	700	2864
7/28/2011 21:16	365202960	288	288	0	0	0	86.2	86.2	46.7	88.5	63.5	70.5	29.15	703	2869
7/28/2011 21:17	365203020	288	288	0	0	0	86.2	86.2	46.7	88.5	63.5	70.5	29.16	697	2861
7/28/2011 21:18	365203080	288	288	0	0	0	86.2	86.2	46.7	88.5	63.5	70.5	29.16	700	2864
7/28/2011 21:19	365203140	288	288	0	0	0	86.2	86.2	46.8	88.5	63.5	70.5	29.15	703	2869
7/28/2011 21:20	365203200	288	288	0	0	0	86.3	86.2	46.7	88.5	63.5	70.5	29.16	700	2864
7/28/2011 21:21	365203260	288	288	0	0	0	86.2	86.2	46.7	88.5	63.5	70.5	29.15	704	2871
7/28/2011 21:22	365203320	288	288	0	0	0	86.3	86.4	46.7	88.7	63.5	70.5	29.15	703	2879
7/28/2011 21:23	365203380	288	288	0	0	0	86.3	86.2	46.7	88.5	63.5	70.5	29.16	700	2864
7/28/2011 21:24	365203440	288	288	0	0	0	86.2	86.2	46.7	88.5	63.5	70.5	29.16	700	2864
7/28/2011 21:25	365203500	288	288	0	0	0	86.3	86.2	46.7	88.5	63.5	70.5	29.16	700	2864
7/28/2011 21:26	365203560	288	288	0	0	0	86.3	86.2	46.8	88.5	63.5	70.5	29.16	700	2864
7/28/2011 21:27	365203620	288	288	0	0	0	86.3	86.2	46.8	88.5	63.5	70.5	29.16	700	2864
7/28/2011 21:28	365203680	288	288	0	0	0	86.2	86.2	46.8	88.5	63.5	70.5	29.16	698	2861
7/28/2011 21:29	365203740	288	288	0	0	0	86.3	86.4	46.7	88.7	63.5	70.5	29.16	697	2874
7/28/2011 21:30	365203800	288	288	0	0	0	86.3	86.2	46.7	88.5	63.5	70.5	29.16	700	2864
7/28/2011 21:31	365203860	288	288	0	0	0	86.3	86.4	46.8	88.7	63.5	70.5	29.16	700	2876
7/28/2011 21:32	365203920	288	288	0	0	0	86.3	86.4	46.8	88.7	63.5	70.5	29.16	700	2876
7/28/2011 21:33	365203980	288	288	0	0	0	86.3	86.2	46.7	88.5	63.5	70.5	29.15	703	2869
7/28/2011 21:34	365204040	288	288	0	0	0	86.3	86.4	46.7	88.7	63.5	70.5	29.15	703	2879
7/28/2011 21:35	365204100	288	288	0	0	0	86.2	86.2	46.8	88.5	63.5	70.5	29.16	700	2864
7/28/2011 21:36	365204160	288	288	0	0	0	86.2	86.2	46.8	88.5	63.5	70.5	29.16	698	2861
7/28/2011 21:37	365204220	288	288	0	0	0	86.2	86.2	46.8	88.5	63.5	70.5	29.16	698	2861



**Wind Speed Data  
Studebaker - Foundry Building**

FORMATTED DATE-TIME	DT	WIG	TR	WS	CW	FW	TP	WC	RH	HI	DP	WB	BP	AL	DA
MM/DD/YYYY HH:MM:SS		ft	ft	ft/h	ft/h	ft/h	°F	°F	%	°F	°F	°F	inHg	ft	ft
7/28/2011 21:38	365204300	288	288	0	0	0	86.2	86.2	46.8	88.5	63.5	70.5	29.15	703	2869
7/28/2011 21:39	365204340	288	288	0	0	0	86.2	86.2	46.8	88.5	63.5	70.5	29.16	695	2858
7/28/2011 21:40	365204400	288	288	0	0	0	86.2	86.2	46.8	88.5	63.5	70.5	29.16	698	2861
7/28/2011 21:41	365204460	288	288	0	0	0	86.2	86.2	46.8	88.5	63.5	70.5	29.16	700	2864
7/28/2011 21:42	365204520	288	288	0	0	0	86.2	86.2	46.8	88.5	63.5	70.5	29.16	696	2861
7/28/2011 21:43	365204580	288	288	0	0	0	86.2	86.2	46.9	88.5	63.6	70.5	29.16	697	2861
7/28/2011 21:44	365204640	288	288	0	0	0	86.2	86.2	46.8	88.5	63.5	70.5	29.16	698	2861
7/28/2011 21:45	365204700	288	288	0	0	0	86.2	86.2	46.8	88.5	63.5	70.5	29.16	696	2861
7/28/2011 21:46	365204760	288	288	0	0	0	86.2	86.2	46.8	88.5	63.5	70.5	29.16	696	2861
7/28/2011 21:47	365204820	288	288	0	0	0	86.2	86.2	46.8	88.5	63.5	70.5	29.16	695	2858
7/28/2011 21:48	365204880	288	288	0	0	0	86.2	86.2	46.9	88.5	63.6	70.5	29.16	696	2861
7/28/2011 21:49	365204940	288	288	0	0	0	86.2	86.2	46.9	88.5	63.5	70.5	29.16	693	2858
7/28/2011 21:50	365205000	288	288	0	0	0	86.2	86.2	46.9	88.5	63.6	70.5	29.16	698	2861
7/28/2011 21:51	365205060	288	288	0	0	0	86.2	86.2	46.8	88.5	63.5	70.5	29.16	696	2861
7/28/2011 21:52	365205120	288	288	0	0	0	86.2	86.2	46.9	88.5	63.5	70.5	29.16	695	2858
7/28/2011 21:53	365205180	288	288	0	0	0	86.2	86.2	46.8	88.5	63.5	70.5	29.17	691	2853
7/28/2011 21:54	365205240	288	288	0	0	0	86.2	86.2	46.9	88.5	63.5	70.5	29.16	699	2864
7/28/2011 21:55	365205300	288	288	0	0	0	86.2	86.2	46.8	88.5	63.5	70.5	29.16	697	2861
7/28/2011 21:56	365205360	288	288	0	0	0	86.2	86.2	46.9	88.5	63.5	70.5	29.16	699	2864
7/28/2011 21:57	365205420	288	288	0	0	0	86.2	86.2	46.9	88.5	63.5	70.5	29.16	699	2864
7/28/2011 21:58	365205480	288	288	0	0	0	86.2	86.2	46.9	88.5	63.6	70.5	29.15	702	2869
7/28/2011 21:59	365205540	288	288	0	0	0	86.2	86.2	46.9	88.5	63.5	70.5	29.16	697	2861
7/28/2011 22:00	365205600	288	288	0	0	0	86.2	86.2	46.9	88.5	63.5	70.5	29.16	700	2864
7/28/2011 22:01	365205660	288	288	0	0	0	86.2	86.2	46.9	88.5	63.5	70.5	29.16	698	2861
7/28/2011 22:02	365205720	288	288	0	0	0	86.2	86.2	46.9	88.5	63.5	70.5	29.16	700	2864
7/28/2011 22:03	365205780	288	288	0	0	0	86.2	86.2	46.9	88.5	63.5	70.5	29.16	702	2869
7/28/2011 22:04	365205840	288	288	0	0	0	86.2	86.2	46.9	88.5	63.5	70.5	29.15	702	2869
7/28/2011 22:05	365205900	288	288	0	0	0	86.2	86.2	46.9	88.5	63.5	70.5	29.16	700	2864
7/28/2011 22:06	365205960	288	288	0	0	0	86.2	86.2	46.9	88.5	63.5	70.5	29.16	700	2864
7/28/2011 22:07	365206020	288	288	0	0	0	86.2	86.2	46.9	88.5	63.5	70.5	29.16	702	2869
7/28/2011 22:08	365206080	288	288	0	0	0	86.2	86.2	47	88.5	63.5	70.5	29.15	704	2871
7/28/2011 22:09	365206140	288	288	0	0	0	86.2	86.2	46.9	88.5	63.5	70.5	29.15	704	2871
7/28/2011 22:10	365206200	288	288	0	0	0	86.1	86.2	47	88.5	63.5	70.5	29.15	704	2871
7/28/2011 22:11	365206260	288	288	0	0	0	86.1	86.2	46.9	88.5	63.5	70.5	29.15	704	2871
7/28/2011 22:12	365206320	288	288	0	0	0	86.2	86.2	46.9	88.5	63.5	70.5	29.16	702	2869
7/28/2011 22:13	365206380	288	288	0	0	0	86.1	86.2	46.9	88.5	63.5	70.5	29.16	702	2869
7/28/2011 22:14	365206440	288	288	0	0	0	86.1	86.2	46.9	88.5	63.5	70.5	29.16	702	2869
7/28/2011 22:15	365206500	288	288	0	0	0	86.1	86.2	46.9	88.5	63.5	70.5	29.15	706	2871
7/28/2011 22:16	365206560	288	288	0	0	0	86.1	86.2	47	88.5	63.5	70.5	29.15	706	2871
7/28/2011 22:17	365206620	288	288	0	0	0	86.1	86.2	47	88.5	63.5	70.5	29.15	705	2871
7/28/2011 22:18	365206680	288	288	0	0	0	86.1	86.2	47	88.5	63.5	70.5	29.15	705	2871
7/28/2011 22:19	365206740	288	288	0	0	0	86.1	86.2	47	88.5	63.5	70.5	29.15	705	2871
7/28/2011 22:20	365206800	288	288	0	0	0	86.1	86.2	47	88.5	63.5	70.5	29.15	702	2869

**Wind Speed Data**  
**Studebaker - Foundry Building**

FORMATTED DATE-TIME	DT	WIND	DIR	WS	UW	HW	TP	WV	RH	HI	DP	WB	BP	AL	DA
YYYY-MM-DD HH:MM:SS		Mag	DIRE	mph	mph	mph	°F	°F	%	°F	°F	°F	inHg	ft	ft
7/28/2011 22:22	365206920	288	288	0	0	0	86.1	86.2	47	88.5	63.5	70.5	29.15	709	2874
7/28/2011 22:23	365206980	288	288	0	0	0	86.1	86.2	47	88.5	63.5	70.5	29.15	705	2871
7/28/2011 22:24	365207040	288	288	0	0	0	86.1	86.2	47	88.5	63.5	70.5	29.15	703	2869
7/28/2011 22:25	365207100	288	288	0	0	0	86.1	86.2	47	88.5	63.5	70.5	29.15	709	2874
7/28/2011 22:26	365207160	288	288	0	0	0	86.1	86	47	88.3	63.5	70.5	29.15	707	2861
7/28/2011 22:27	365207220	288	288	0	0	0	86.1	86	47	88.3	63.5	70.5	29.15	707	2861
7/28/2011 22:28	365207280	288	288	0	0	0	86.1	86	47	88.3	63.5	70.5	29.15	709	2861
7/28/2011 22:29	365207340	288	288	0	0	0	86.1	86	47	88.3	63.5	70.5	29.14	712	2866
7/28/2011 22:30	365207400	288	288	0	0	0	86.1	86	47	88.3	63.5	70.5	29.15	707	2861
7/28/2011 22:31	365207460	288	288	0	0	0	86.1	86	47	88.3	63.5	70.5	29.15	709	2861
7/28/2011 22:32	365207520	288	288	0	0	0	86	86	47	88.3	63.5	70.5	29.15	705	2858
7/28/2011 22:33	365207580	288	288	0	0	0	86	86	47	88.3	63.4	70.5	29.15	707	2861
7/28/2011 22:34	365207640	288	288	0	0	0	86	86	47	88.3	63.5	70.5	29.15	709	2861
7/28/2011 22:35	365207700	288	288	0	0	0	86	86	47	88.3	63.4	70.5	29.15	707	2861
7/28/2011 22:36	365207760	288	288	0	0	0	86	86	47	88.3	63.4	70.5	29.15	706	2858
7/28/2011 22:37	365207820	288	288	0	0	0	86	86	47	88.3	63.4	70.5	29.15	709	2861
7/28/2011 22:38	365207880	288	288	0	0	0	86	86	47	88.3	63.4	70.5	29.15	707	2861
7/28/2011 22:39	365207940	288	288	0	0	0	86	86	47	88.3	63.4	70.5	29.15	710	2866
7/28/2011 22:40	365208000	288	288	0	0	0	86	86	47	88.3	63.4	70.5	29.15	709	2861
7/28/2011 22:41	365208060	288	288	0	0	0	86	86	47	88.3	63.4	70.5	29.15	711	2866
7/28/2011 22:42	365208120	288	288	0	0	0	86	86	47	88.3	63.4	70.5	29.15	709	2861
7/28/2011 22:43	365208180	288	288	0	0	0	86	86	47	88.3	63.4	70.5	29.15	709	2861
7/28/2011 22:44	365208240	288	288	0	0	0	86	86	47	88.3	63.4	70.5	29.15	707	2861
7/28/2011 22:45	365208300	288	288	0	0	0	86	86	47	88.3	63.4	70.5	29.15	705	2858
7/28/2011 22:46	365208360	288	288	0	0	0	86	86	47	88.3	63.4	70.3	29.15	707	2861
7/28/2011 22:47	365208420	288	288	0	0	0	85.9	86	47	88.3	63.4	70.3	29.15	707	2861
7/28/2011 22:48	365208480	288	288	0	0	0	85.9	86	47	88.3	63.4	70.3	29.15	705	2858
7/28/2011 22:49	365208540	288	288	0	0	0	85.9	86	47.1	88.3	63.4	70.5	29.15	709	2861
7/28/2011 22:50	365208600	288	288	0	0	0	85.9	86	47	88.3	63.4	70.3	29.15	709	2861
7/28/2011 22:51	365208660	288	288	0	0	0	85.9	86	47.1	88.3	63.4	70.5	29.15	706	2858
7/28/2011 22:52	365208720	288	288	0	0	0	85.9	86	47	88.3	63.4	70.3	29.15	707	2861
7/28/2011 22:53	365208780	288	288	0	0	0	85.9	85.8	47	88	63.4	70.3	29.15	707	2848
7/28/2011 22:54	365208840	288	288	0	0	0	85.9	85.8	47.1	88	63.4	70.3	29.15	707	2848
7/28/2011 22:55	365208900	288	288	0	0	0	85.9	85.8	47	88	63.3	70.3	29.15	707	2848
7/28/2011 22:56	365208960	288	288	0	0	0	85.9	85.8	47.1	88	63.4	70.3	29.15	705	2846
7/28/2011 22:57	365209020	288	288	0	0	0	85.9	85.8	47.1	88	63.4	70.3	29.15	702	2843
7/28/2011 22:58	365209080	288	288	0	0	0	85.9	85.8	47.1	88	63.4	70.3	29.15	705	2846
7/28/2011 22:59	365209140	288	288	0	0	0	85.9	85.8	47.1	88	63.3	70.3	29.15	702	2843
7/28/2011 23:00	365209200	288	288	0	0	0	85.9	85.8	47.1	88	63.3	70.3	29.15	705	2846
7/28/2011 23:01	365209260	288	288	0	0	0	85.9	85.8	47.1	88	63.3	70.3	29.15	704	2846
7/28/2011 23:02	365209320	288	288	0	0	0	85.8	85.8	47.1	88	63.3	70.3	29.16	698	2836
7/28/2011 23:03	365209380	288	288	0	0	0	85.8	85.8	47.1	88	63.3	70.3	29.16	700	2838

**Wind Speed Data**  
**Studebaker - Foundry Building**

FORMATTED DATE-TIME MM-DD-YY HH:MM:SS	WT lb	WV Mag	TR TRIME	WS mph	CW mph	HW mph	TP °F	WC °F	RH %	DB °F	DP °F	WB °F	BP inHg	AL ft	DA ft
7/28/2011 23:05	365209500	288	288	0	0	0	85.8	85.8	47.1	88	63.3	70.3	29.15	703	2843
7/28/2011 23:05	365209500	288	288	0	0	0	85.8	85.8	47.1	88	63.3	70.3	29.15	703	2843
7/28/2011 23:07	365209620	288	288	0	0	0	85.8	85.8	47.1	88	63.3	70.3	29.15	707	2848
7/28/2011 23:08	365209680	288	288	0	0	0	85.8	85.8	47.1	88	63.3	70.3	29.15	703	2843
7/28/2011 23:09	365209740	288	288	0	0	0	85.8	85.8	47.1	88	63.3	70.3	29.15	709	2848
7/28/2011 23:10	365209800	288	288	0	0	0	85.8	85.8	47.1	88	63.3	70.3	29.15	707	2848
7/28/2011 23:11	365209860	288	288	0	0	0	85.8	85.8	47.1	88	63.3	70.3	29.14	713	2856
7/28/2011 23:12	365209920	288	288	0	0	0	85.8	85.8	47.1	88	63.3	70.3	29.15	710	2853
7/28/2011 23:13	365209980	288	288	0	0	0	85.8	85.8	47.2	88	63.3	70.3	29.15	709	2848
7/28/2011 23:14	365210040	288	288	0	0	0	85.8	85.8	47.2	88	63.3	70.3	29.15	709	2848
7/28/2011 23:15	365210100	288	288	0	0	0	85.8	85.8	47.1	88	63.3	70.3	29.14	713	2856
7/28/2011 23:16	365210160	288	288	0	0	0	85.7	85.6	47.1	87.6	63.2	70.2	29.15	710	2841
7/28/2011 23:17	365210220	288	288	0	0	0	85.7	85.6	47.2	87.6	63.3	70.2	29.14	716	2848
7/28/2011 23:18	365210280	288	288	0	0	0	85.7	85.6	47.1	87.6	63.3	70.2	29.14	712	2841
7/28/2011 23:19	365210340	288	288	0	0	0	85.7	85.6	47.1	87.6	63.3	70.2	29.14	716	2848
7/28/2011 23:20	365210400	288	288	0	0	0	85.7	85.6	47.1	87.6	63.3	70.2	29.14	716	2848
7/28/2011 23:21	365210460	288	288	0	0	0	85.7	85.6	47.2	87.6	63.3	70.2	29.14	719	2851
7/28/2011 23:22	365210520	288	288	0	0	0	85.7	85.6	47.2	87.6	63.2	70.2	29.14	718	2851
7/28/2011 23:23	365210580	288	288	0	0	0	85.7	85.6	47.1	87.6	63.2	70.2	29.14	714	2843
7/28/2011 23:24	365210640	288	288	0	0	0	85.7	85.6	47.2	87.6	63.2	70.2	29.15	710	2841
7/28/2011 23:25	365210700	288	288	0	0	0	85.6	85.6	47.2	87.6	63.2	70.2	29.14	712	2841
7/28/2011 23:26	365210760	288	288	0	0	0	85.7	85.6	47.1	87.6	63.2	70.2	29.13	721	2853
7/28/2011 23:27	365210820	288	288	0	0	0	85.7	85.6	47.1	87.6	63.2	70.2	29.14	719	2851
7/28/2011 23:28	365210880	288	288	0	0	0	85.6	85.6	47.2	87.6	63.2	70.2	29.14	721	2853
7/28/2011 23:29	365210940	288	288	0	0	0	85.6	85.6	47.2	87.6	63.2	70.2	29.13	721	2853
7/28/2011 23:30	365211000	288	288	0	0	0	85.6	85.6	47.2	87.6	63.2	70.2	29.13	721	2853
7/28/2011 23:31	365211060	288	288	0	0	0	85.6	85.6	47.2	87.6	63.2	70.2	29.14	720	2851
7/28/2011 23:32	365211120	288	288	0	0	0	85.6	85.6	47.2	87.6	63.2	70.2	29.14	720	2851
7/28/2011 23:33	365211180	288	288	0	0	0	85.6	85.6	47.2	87.6	63.2	70.2	29.13	723	2853
7/28/2011 23:34	365211240	288	288	0	0	0	85.6	85.6	47.2	87.6	63.2	70.2	29.13	723	2853
7/28/2011 23:35	365211300	288	288	0	0	0	85.6	85.6	47.2	87.6	63.1	70.2	29.13	721	2853
7/28/2011 23:36	365211360	288	288	0	0	0	85.6	85.6	47.2	87.6	63.2	70.2	29.13	723	2853
7/28/2011 23:37	365211420	288	288	0	0	0	85.6	85.6	47.2	87.6	63.2	70.2	29.13	724	2858
7/28/2011 23:38	365211480	288	288	0	0	0	85.6	85.6	47.2	87.6	63.1	70.2	29.13	724	2858
7/28/2011 23:39	365211540	288	288	0	0	0	85.6	85.6	47.2	87.6	63.1	70.2	29.13	721	2853
7/28/2011 23:40	365211600	288	288	0	0	0	85.5	85.5	47.2	87.4	63.1	70.2	29.13	724	2846
7/28/2011 23:41	365211660	288	288	0	0	0	85.5	85.5	47.2	87.4	63.1	70.2	29.14	720	2838
7/28/2011 23:42	365211720	288	288	0	0	0	85.5	85.5	47.2	87.4	63.1	70.2	29.14	720	2838
7/28/2011 23:43	365211780	288	288	0	0	0	85.5	85.5	47.2	87.4	63.1	70.2	29.13	723	2841
7/28/2011 23:44	365211840	288	288	0	0	0	85.5	85.5	47.2	87.4	63.1	70.2	29.14	720	2838
7/28/2011 23:45	365211900	288	288	0	0	0	85.5	85.5	47.2	87.4	63.1	70.2	29.13	723	2841
7/28/2011 23:46	365211960	288	288	0	0	0	85.5	85.5	47.2	87.4	63.1	70.2	29.13	725	2846

**Wind Speed Data**  
**Studebaker - Foundry Building**

FORMATTED DATE-TIME YYYY-MM-DD HH:MM:SS	DT	WIG	WR	WS	WD	WV	TP	WC	RH	HI	LP	WB	RP	AL	DA
		ft	ft	ft	ft	ft	°F	°F	%	°F	°F	°F	ft	ft	ft
7/28/2011 23:48	365212080	288	288	0	0	0	85.5	85.5	47.2	87.4	63.1	70.2	29.14	719	2638
7/28/2011 23:49	365212140	288	288	0	0	0	85.5	85.5	47.2	87.4	63	70	29.13	723	2841
7/28/2011 23:50	365212200	288	288	0	0	0	85.4	85.5	47.2	87.4	63.1	70.2	29.14	721	2841
7/28/2011 23:51	365212260	288	288	0	0	0	85.4	85.5	47.2	87.4	63	70	29.13	723	2841
7/28/2011 23:52	365212320	288	288	0	0	0	85.4	85.5	47.2	87.4	63	70	29.14	718	2838
7/28/2011 23:53	365212380	288	288	0	0	0	85.4	85.5	47.2	87.4	63	70	29.14	718	2838
7/28/2011 23:54	365212440	288	288	0	0	0	85.4	85.5	47.2	87.4	63	70	29.14	717	2833
7/28/2011 23:55	365212500	288	288	0	0	0	85.4	85.5	47.2	87.4	63	70	29.14	717	2833
7/28/2011 23:56	365212560	288	288	0	0	0	85.4	85.5	47.2	87.4	63	70	29.14	721	2841
7/28/2011 23:57	365212620	288	288	0	0	0	85.4	85.5	47.2	87.4	63	70	29.14	716	2833
7/28/2011 23:58	365212680	288	288	0	0	0	85.4	85.3	47.2	87.1	63	70	29.14	721	2828
7/28/2011 23:59	365212740	288	288	0	0	0	85.4	85.3	47.2	87.1	63	70	29.13	725	2833
7/29/2011 0:00	365212800	288	288	0	0	0	85.4	85.3	47.2	87.1	63	70	29.13	723	2828
7/29/2011 0:01	365212860	288	288	0	0	0	85.3	85.3	47.2	87.1	62.9	70	29.13	724	2833
7/29/2011 0:02	365212920	288	288	0	0	0	85.3	85.3	47.2	87.1	63	70	29.13	725	2833
7/29/2011 0:03	365212980	288	288	0	0	0	85.3	85.3	47.2	87.1	62.9	70	29.13	725	2833
7/29/2011 0:04	365213040	288	288	0	0	0	85.3	85.3	47.2	87.1	62.9	70	29.12	730	2838
7/29/2011 0:05	365213100	288	288	0	0	0	85.3	85.3	47.2	87.1	62.9	70	29.12	731	2838
7/29/2011 0:06	365213160	288	288	0	0	0	85.3	85.3	47.2	87.1	62.9	70	29.13	730	2838
7/29/2011 0:07	365213220	288	288	0	0	0	85.3	85.3	47.2	87.1	62.9	70	29.13	730	2838
7/29/2011 0:08	365213280	288	288	0	0	0	85.3	85.3	47.2	87.1	62.9	70	29.13	730	2838
7/29/2011 0:09	365213340	288	288	0	0	0	85.3	85.3	47.2	87.1	62.9	70	29.12	730	2838
7/29/2011 0:10	365213400	288	288	0	0	0	85.2	85.3	47.2	87.1	62.9	70	29.12	733	2843
7/29/2011 0:11	365213460	288	288	0	0	0	85.2	85.3	47.2	87.1	62.9	70	29.12	731	2838
7/29/2011 0:12	365213520	288	288	0	0	0	85.2	85.3	47.2	87.1	62.9	70	29.12	731	2838
7/29/2011 0:13	365213580	288	288	0	0	0	85.2	85.3	47.3	87.3	62.9	70	29.12	735	2846
7/29/2011 0:14	365213640	288	288	0	0	0	85.2	85.3	47.2	87.1	62.8	69.8	29.12	732	2843
7/29/2011 0:15	365213700	288	288	0	0	0	85.2	85.3	47.2	87.1	62.8	69.8	29.12	735	2846
7/29/2011 0:16	365213760	288	288	0	0	0	85.2	85.3	47.2	87.1	62.8	69.8	29.12	735	2846
7/29/2011 0:17	365213820	288	288	0	0	0	85.2	85.3	47.2	87.1	62.8	69.8	29.12	738	2846
7/29/2011 0:18	365213880	288	288	0	0	0	85.2	85.1	47.2	86.9	62.8	69.8	29.11	740	2838
7/29/2011 0:19	365213940	288	288	0	0	0	85.1	85.1	47.2	86.9	62.8	69.8	29.11	742	2841
7/29/2011 0:20	365214000	288	288	0	0	0	85.1	85.1	47.2	86.9	62.8	69.8	29.12	738	2838
7/29/2011 0:21	365214060	288	288	0	0	0	85.1	85.1	47.2	86.9	62.8	69.8	29.11	744	2843
7/29/2011 0:22	365214120	288	288	0	0	0	85.1	85.1	47.2	86.9	62.8	69.8	29.11	744	2843
7/29/2011 0:23	365214180	288	288	0	0	0	85.1	85.1	47.2	86.9	62.8	69.8	29.11	744	2843
7/29/2011 0:24	365214240	288	288	0	0	0	85.1	85.1	47.2	86.9	62.8	69.8	29.11	746	2848
7/29/2011 0:25	365214300	288	288	0	0	0	85.1	85.1	47.2	86.9	62.7	69.8	29.11	745	2843
7/29/2011 0:26	365214360	288	288	0	0	0	85.1	85.1	47.2	86.9	62.7	69.8	29.11	747	2848
7/29/2011 0:27	365214420	288	288	0	0	0	85.1	85.1	47.2	86.9	62.7	69.8	29.11	748	2848
7/29/2011 0:28	365214480	288	288	0	0	0	85.1	85.1	47.2	86.9	62.7	69.8	29.11	749	2851
7/29/2011 0:29	365214540	288	288	0	0	0	85.1	85.1	47.2	86.9	62.7	69.8	29.1	753	2853

Wind Speed Data  
Studebaker - Foundry Building

FORMATTED DATE-TIME	UT	MG	IR	WS	CW	HW	TP	WC	RH	HI	DP	WB	WP	AL	DA
YYYY-MM-DD HH:MM:SS	S	Page	TIME	mph	mph	mph	Δ°F	Δ°F	%	Δ°F	Δ°F	Δ°F	totg	ft	ft
7/29/2011 0:31	365214560	288	288	0	0	0	85	85.1	47.3	86.9	62.7	69.8	29.1	749	2851
7/29/2011 0:32	365214720	288	288	0	0	0	85	85.1	47.3	86.9	62.7	69.8	29.1	752	2851
7/29/2011 0:33	365214780	288	288	0	0	0	85	85.1	47.2	86.9	62.7	69.6	29.1	749	2851
7/29/2011 0:34	365214840	288	288	0	0	0	85	84.9	47.2	86.5	62.7	69.6	29.1	752	2841
7/29/2011 0:35	365214900	288	288	0	0	0	85	84.9	47.3	86.5	62.7	69.6	29.1	751	2838
7/29/2011 0:36	365214960	288	288	0	0	0	85	84.9	47.2	86.5	62.6	69.6	29.1	751	2838
7/29/2011 0:37	365215020	288	288	0	0	0	85	84.9	47.2	86.5	62.6	69.6	29.11	749	2838
7/29/2011 0:38	365215080	288	288	0	0	0	85	84.9	47.2	86.5	62.6	69.6	29.1	749	2838
7/29/2011 0:39	365215140	288	288	0	0	0	84.9	84.9	47.3	86.5	62.6	69.6	29.11	747	2836
7/29/2011 0:40	365215200	288	288	0	0	0	84.9	84.9	47.3	86.5	62.6	69.6	29.11	749	2838
7/29/2011 0:41	365215260	288	288	0	0	0	84.9	84.9	47.2	86.5	62.6	69.6	29.11	747	2836
7/29/2011 0:42	365215320	288	288	0	0	0	84.9	84.9	47.3	86.5	62.6	69.6	29.11	746	2836
7/29/2011 0:43	365215380	288	288	0	0	0	84.9	84.9	47.3	86.5	62.6	69.6	29.1	751	2838
7/29/2011 0:44	365215440	288	288	0	0	0	84.9	84.9	47.3	86.5	62.6	69.6	29.1	751	2838
7/29/2011 0:45	365215500	288	288	0	0	0	84.9	84.9	47.3	86.5	62.6	69.6	29.11	746	2836
7/29/2011 0:46	365215560	288	288	0	0	0	84.9	84.9	47.3	86.5	62.6	69.6	29.11	745	2830
7/29/2011 0:47	365215620	288	288	0	0	0	84.9	84.9	47.3	86.5	62.6	69.6	29.1	751	2838
7/29/2011 0:48	365215680	288	288	0	0	0	84.9	84.9	47.2	86.5	62.5	69.6	29.11	746	2836
7/29/2011 0:49	365215740	288	288	0	0	0	84.8	84.9	47.3	86.5	62.5	69.6	29.11	747	2836
7/29/2011 0:50	365215800	288	288	0	0	0	84.8	84.9	47.3	86.5	62.5	69.6	29.11	745	2830
7/29/2011 0:51	365215860	288	288	0	0	0	84.8	84.7	47.2	86.2	62.5	69.4	29.11	742	2815
7/29/2011 0:52	365215920	288	288	0	0	0	84.8	84.7	47.3	86.4	62.5	69.6	29.11	744	2818
7/29/2011 0:53	365215980	288	288	0	0	0	84.8	84.7	47.3	86.4	62.5	69.4	29.11	744	2818
7/29/2011 0:54	365216040	288	288	0	0	0	84.8	84.7	47.3	86.4	62.5	69.4	29.11	744	2818
7/29/2011 0:55	365216100	288	288	0	0	0	84.8	84.7	47.2	86.2	62.5	69.4	29.11	742	2815
7/29/2011 0:56	365216160	288	288	0	0	0	84.8	84.7	47.2	86.2	62.5	69.4	29.11	741	2815
7/29/2011 0:57	365216220	288	288	0	0	0	84.8	84.7	47.3	86.4	62.5	69.4	29.11	745	2818
7/29/2011 0:58	365216280	288	288	0	0	0	84.8	84.7	47.3	86.4	62.4	69.4	29.11	742	2815
7/29/2011 0:59	365216340	288	288	0	0	0	84.7	84.7	47.3	86.4	62.4	69.4	29.11	749	2825
7/29/2011 1:00	365216400	288	288	0	0	0	84.7	84.7	47.3	86.4	62.4	69.4	29.11	746	2823
7/29/2011 1:01	365216460	288	288	0	0	0	84.7	84.7	47.3	86.4	62.4	69.4	29.11	748	2823
7/29/2011 1:02	365216520	288	288	0	0	0	84.7	84.7	47.3	86.4	62.4	69.4	29.11	749	2825
7/29/2011 1:03	365216580	288	288	0	0	0	84.7	84.7	47.3	86.4	62.4	69.4	29.1	752	2828
7/29/2011 1:04	365216640	288	288	0	0	0	84.7	84.7	47.2	86.2	62.4	69.4	29.11	747	2823
7/29/2011 1:05	365216700	288	288	0	0	0	84.7	84.7	47.3	86.4	62.4	69.4	29.1	751	2825
7/29/2011 1:06	365216760	288	288	0	0	0	84.7	84.7	47.2	86.2	62.3	69.4	29.1	752	2828
7/29/2011 1:07	365216820	288	288	0	0	0	84.7	84.7	47.3	86.4	62.4	69.4	29.1	751	2825
7/29/2011 1:08	365216880	288	288	0	0	0	84.7	84.7	47.3	86.4	62.4	69.4	29.1	751	2825
7/29/2011 1:09	365216940	288	288	0	0	0	84.7	84.7	47.3	86.4	62.4	69.4	29.1	753	2828
7/29/2011 1:10	365217000	288	288	0	0	0	84.6	84.6	47.3	86	62.4	69.4	29.1	753	2815
7/29/2011 1:11	365217060	288	288	0	0	0	84.6	84.6	47.3	86	62.3	69.4	29.1	752	2815
7/29/2011 1:12	365217120	288	288	0	0	0	84.6	84.6	47.3	86	62.3	69.4	29.1	753	2815



**Wind Speed Data**  
**Studebaker - Foundry Building**

FORMATTED DATE-TIME YYYY-MM-DD HH:MM:SS	DT s	MG mmHg	TR inHg	WS mph	CW mph	HW mph	TP °F	WC °F	RH %	HI °F	DP °F	WB °F	BP inHg	AL ft	DA ft
7/29/2011 1:57	365219120	288	288	0	0	0	84.2	84.2	47.4	85.5	62	69.1	29.11	746	2735
7/29/2011 1:58	365219140	288	288	0	0	0	84.2	84.2	47.4	85.5	62	69.1	29.11	746	2735
7/29/2011 1:59	365219160	288	288	0	0	0	84.2	84.2	47.3	85.5	62	69.1	29.11	744	2780
7/29/2011 2:00	365220000	288	288	0	0	0	84.2	84.2	47.3	85.5	62	69.1	29.11	744	2780
7/29/2011 2:01	365220060	288	288	0	0	0	84.2	84.2	47.3	85.5	62	69.1	29.11	744	2780
7/29/2011 2:02	365220120	288	288	0	0	0	84.2	84.2	47.4	85.5	62	69.1	29.12	737	2770
7/29/2011 2:03	365220180	288	288	0	0	0	84.2	84.2	47.3	85.5	62	69.1	29.11	744	2780
7/29/2011 2:04	365220240	288	288	0	0	0	84.2	84.2	47.3	85.5	62	69.1	29.11	745	2780
7/29/2011 2:05	365220300	288	288	0	0	0	84.2	84.2	47.4	85.5	62	69.1	29.11	741	2777
7/29/2011 2:06	365220360	288	288	0	0	0	84.1	84.2	47.4	85.5	62	69.1	29.11	742	2777
7/29/2011 2:07	365220420	288	288	0	0	0	84.2	84.2	47.4	85.5	62	69.1	29.12	738	2775
7/29/2011 2:08	365220480	288	288	0	0	0	84.1	84.2	47.4	85.5	62	69.1	29.12	738	2770
7/29/2011 2:09	365220540	288	288	0	0	0	84.1	84.2	47.3	85.5	61.9	69.1	29.11	741	2777
7/29/2011 2:10	365220600	288	288	0	0	0	84.1	84.2	47.3	85.5	61.9	69.1	29.11	742	2777
7/29/2011 2:11	365220660	288	288	0	0	0	84.1	84.2	47.3	85.5	61.9	68.9	29.11	747	2785
7/29/2011 2:12	365220720	288	288	0	0	0	84.1	84	47.4	85.1	61.9	68.9	29.11	742	2764
7/29/2011 2:13	365220780	288	288	0	0	0	84.1	84.2	47.3	85.5	61.9	68.9	29.11	747	2785
7/29/2011 2:14	365220840	288	288	0	0	0	84.1	84	47.4	85.1	61.9	68.9	29.11	748	2772
7/29/2011 2:15	365220900	288	288	0	0	0	84.1	84	47.4	85.1	61.9	68.9	29.11	748	2772
7/29/2011 2:16	365220960	288	288	0	0	0	84.1	84	47.4	85.1	61.9	68.9	29.11	748	2772
7/29/2011 2:17	365221020	288	288	0	0	0	84.1	84	47.4	85.1	61.9	68.9	29.1	749	2775
7/29/2011 2:18	365221080	288	288	0	0	0	84.1	84	47.3	85.1	61.9	68.9	29.1	751	2775
7/29/2011 2:19	365221140	288	288	0	0	0	84.1	84	47.3	85.1	61.9	68.9	29.11	748	2772
7/29/2011 2:20	365221200	288	288	0	0	0	84	84	47.4	85.1	61.9	68.9	29.1	751	2775
7/29/2011 2:21	365221260	288	288	0	0	0	84.1	84	47.3	85.1	61.9	68.9	29.11	749	2775
7/29/2011 2:22	365221320	288	288	0	0	0	84	84	47.4	85.1	61.9	68.9	29.11	746	2772
7/29/2011 2:23	365221380	288	288	0	0	0	84	84	47.3	85.1	61.9	68.9	29.11	744	2770
7/29/2011 2:24	365221440	288	288	0	0	0	84	84	47.4	85.1	61.9	68.9	29.11	746	2772
7/29/2011 2:25	365221500	288	288	0	0	0	84	84	47.3	85.1	61.8	68.9	29.11	741	2764
7/29/2011 2:26	365221560	288	288	0	0	0	84	84	47.4	85.1	61.8	68.9	29.12	734	2754
7/29/2011 2:27	365221620	288	288	0	0	0	84	84	47.4	85.1	61.8	68.9	29.12	735	2759
7/29/2011 2:28	365221680	288	288	0	0	0	84	84	47.4	85.1	61.8	68.9	29.12	732	2754
7/29/2011 2:29	365221740	288	288	0	0	0	84	84	47.4	85.1	61.8	68.9	29.12	733	2754
7/29/2011 2:30	365221800	288	288	0	0	0	84	84	47.3	85.1	61.8	68.9	29.12	734	2754
7/29/2011 2:31	365221860	288	288	0	0	0	84	84	47.3	85.1	61.8	68.9	29.12	730	2752
7/29/2011 2:32	365221920	288	288	0	0	0	84	84	47.4	85.1	61.8	68.9	29.13	728	2747
7/29/2011 2:33	365221980	288	288	0	0	0	84	84	47.4	85.1	61.8	68.9	29.12	732	2754
7/29/2011 2:34	365222040	288	288	0	0	0	84	84	47.4	85.1	61.8	68.9	29.13	727	2747
7/29/2011 2:35	365222100	288	288	0	0	0	83.9	84	47.4	85.1	61.8	68.9	29.13	730	2752
7/29/2011 2:36	365222160	288	288	0	0	0	83.9	84	47.4	85.1	61.8	68.9	29.13	730	2752
7/29/2011 2:37	365222220	288	288	0	0	0	83.9	84	47.3	85.1	61.8	68.9	29.13	728	2747
7/29/2011 2:38	365222280	288	288	0	0	0	83.9	84	47.3	85.1	61.8	68.9	29.13	730	2752

**Wind Speed Data**  
**Studebaker - Foundry Building**

FORMATTED DATE TIME	DT	WG	TR	WS	CW	HW	TP	WC	RH	HI	DP	WB	BP	AL	DA
YYYY-MM-DD HH:MM:SS	h	mph	mph	mph	mph	mph	°F	°F	%	°F	°F	°F	inHg	ft	ft
7/29/2011 2:40	365222800	288	288	0	0	0	83.9	83.8	47.4	84.7	61.8	68.9	29.12	730	2739
7/29/2011 2:41	365222840	288	288	0	0	0	83.9	83.8	47.4	84.7	61.8	68.9	29.12	731	2739
7/29/2011 2:42	365222880	288	288	0	0	0	83.9	83.8	47.4	84.7	61.7	68.9	29.12	730	2739
7/29/2011 2:43	365222920	288	288	0	0	0	83.9	83.8	47.4	84.7	61.8	68.9	29.12	733	2742
7/29/2011 2:44	365222960	288	288	0	0	0	83.9	83.8	47.4	84.7	61.8	68.9	29.12	732	2742
7/29/2011 2:45	365223000	288	288	0	0	0	83.9	83.8	47.4	84.7	61.7	68.9	29.12	731	2739
7/29/2011 2:46	365223040	288	288	0	0	0	83.9	83.8	47.4	84.7	61.7	68.9	29.13	728	2734
7/29/2011 2:47	365222820	288	288	0	0	0	83.9	83.8	47.4	84.7	61.8	68.9	29.13	727	2734
7/29/2011 2:48	365222880	288	288	0	0	0	83.9	83.8	47.4	84.7	61.7	68.9	29.13	728	2734
7/29/2011 2:49	365222940	288	288	0	0	0	83.8	83.8	47.4	84.7	61.7	68.9	29.13	726	2731
7/29/2011 2:50	365223000	288	288	0	0	0	83.8	83.8	47.5	84.9	61.8	68.9	29.13	723	2734
7/29/2011 2:51	365223060	288	288	0	0	0	83.9	83.8	47.4	84.7	61.7	68.9	29.12	730	2739
7/29/2011 2:52	365223120	288	288	0	0	0	83.8	83.8	47.5	84.9	61.7	68.9	29.13	728	2739
7/29/2011 2:53	365223180	288	288	0	0	0	83.8	83.8	47.5	84.9	61.8	68.9	29.13	728	2739
7/29/2011 2:54	365223240	288	288	0	0	0	83.8	83.8	47.5	84.9	61.7	68.9	29.13	726	2737
7/29/2011 2:55	365223300	288	288	0	0	0	83.8	83.8	47.5	84.9	61.8	68.9	29.13	723	2734
7/29/2011 2:56	365223360	288	288	0	0	0	83.8	83.8	47.5	84.9	61.8	68.9	29.13	723	2734
7/29/2011 2:57	365223420	288	288	0	0	0	83.8	83.8	47.5	84.9	61.8	68.9	29.12	731	2744
7/29/2011 2:58	365223480	288	288	0	0	0	83.8	83.8	47.5	84.9	61.8	68.9	29.13	726	2737
7/29/2011 2:59	365223540	288	288	0	0	0	83.8	83.8	47.5	84.9	61.8	68.9	29.13	727	2739
7/29/2011 3:00	365223600	288	288	0	0	0	83.8	83.8	47.5	84.9	61.7	68.9	29.13	728	2739
7/29/2011 3:01	365223660	288	288	0	0	0	83.8	83.8	47.5	84.9	61.8	68.9	29.13	727	2739
7/29/2011 3:02	365223720	288	288	0	0	0	83.8	83.8	47.5	84.9	61.8	68.9	29.13	724	2737
7/29/2011 3:03	365223780	288	288	0	0	0	83.8	83.8	47.5	84.9	61.7	68.9	29.13	724	2737
7/29/2011 3:04	365223840	288	288	0	0	0	83.8	83.8	47.6	84.9	61.8	68.9	29.13	721	2734
7/29/2011 3:05	365223900	288	288	0	0	0	83.8	83.8	47.6	84.9	61.8	68.9	29.13	724	2737
7/29/2011 3:06	365223960	288	288	0	0	0	83.8	83.8	47.6	84.9	61.8	68.9	29.13	723	2734
7/29/2011 3:07	365224020	288	288	0	0	0	83.8	83.8	47.6	84.9	61.7	68.9	29.13	723	2734
7/29/2011 3:08	365224080	288	288	0	0	0	83.8	83.8	47.5	84.9	61.7	68.9	29.14	720	2729
7/29/2011 3:09	365224140	288	288	0	0	0	83.8	83.8	47.6	84.9	61.8	68.9	29.13	723	2734
7/29/2011 3:10	365224200	288	288	0	0	0	83.8	83.8	47.6	84.9	61.7	68.9	29.13	723	2734
7/29/2011 3:11	365224260	288	288	0	0	0	83.8	83.8	47.6	84.9	61.7	68.9	29.13	723	2734
7/29/2011 3:12	365224320	288	288	0	0	0	83.8	83.8	47.6	84.9	61.8	68.9	29.14	721	2734
7/29/2011 3:13	365224380	288	288	0	0	0	83.8	83.8	47.5	84.9	61.7	68.9	29.14	718	2729
7/29/2011 3:14	365224440	288	288	0	0	0	83.7	83.7	47.6	84.7	61.7	68.7	29.13	721	2721
7/29/2011 3:15	365224500	288	288	0	0	0	83.7	83.7	47.6	84.7	61.7	68.7	29.14	716	2714
7/29/2011 3:16	365224560	288	288	0	0	0	83.7	83.7	47.6	84.7	61.7	68.7	29.15	710	2706
7/29/2011 3:17	365224620	288	288	0	0	0	83.7	83.7	47.6	84.7	61.7	68.7	29.14	717	2714
7/29/2011 3:18	365224680	288	288	0	0	0	83.7	83.7	47.6	84.7	61.7	68.7	29.14	714	2711
7/29/2011 3:19	365224740	288	288	0	0	0	83.7	83.7	47.6	84.7	61.7	68.7	29.13	723	2721
7/29/2011 3:20	365224800	288	288	0	0	0	83.7	83.7	47.6	84.7	61.7	68.7	29.13	726	2724
7/29/2011 3:21	365224860	288	288	0	0	0	83.7	83.7	47.6	84.7	61.7	68.7	29.14	720	2716



**Wind Speed Data**  
**Stuebaker - Foundry Building**

FORMATTED DATE-TIME YYYYMMDDHHMMSS	DT s	WG Mag	TR TRUE	WS mph	CW mph	FW mph	TP °F	WC °F	RH %	HI °F	DP °F	WB °F	BP Mag	AL ft	DA ft
7/29/2011 3:25 365224280	288	288	0	0	0	0	83.7	83.7	47.6	84.7	61.7	68.7	29.14	713	2711
7/29/2011 3:26 365224300	288	288	0	0	0	0	83.7	83.7	47.6	84.7	61.7	68.7	29.14	713	2711
7/29/2011 3:27 365224320	288	288	0	0	0	0	83.7	83.7	47.6	84.7	61.7	68.7	29.13	721	2721
7/29/2011 3:28 365224340	288	288	0	0	0	0	83.7	83.7	47.6	84.7	61.6	68.7	29.14	714	2711
7/29/2011 3:29 365224360	288	288	0	0	0	0	83.6	83.7	47.6	84.7	61.6	68.7	29.14	712	2706
7/29/2011 3:29 365224380	288	288	0	0	0	0	83.6	83.7	47.6	84.7	61.6	68.7	29.15	710	2706
7/29/2011 3:30 365224400	288	288	0	0	0	0	83.6	83.7	47.6	84.7	61.6	68.7	29.14	712	2706
7/29/2011 3:31 365224420	288	288	0	0	0	0	83.6	83.7	47.7	84.7	61.6	68.7	29.15	705	2701
7/29/2011 3:32 365224440	288	288	0	0	0	0	83.6	83.7	47.6	84.7	61.6	68.7	29.14	712	2706
7/29/2011 3:33 365224460	288	288	0	0	0	0	83.6	83.7	47.6	84.7	61.6	68.7	29.14	714	2711
7/29/2011 3:34 365225480	288	288	0	0	0	0	83.6	83.7	47.6	84.7	61.6	68.7	29.14	720	2716
7/29/2011 3:35 365225700	288	288	0	0	0	0	83.6	83.7	47.6	84.7	61.6	68.7	29.14	720	2716
7/29/2011 3:36 365225760	288	288	0	0	0	0	83.5	83.5	47.7	84.4	61.6	68.7	29.14	718	2706
7/29/2011 3:37 365225820	288	288	0	0	0	0	83.6	83.5	47.6	84.4	61.6	68.5	29.15	706	2688
7/29/2011 3:38 365225880	288	288	0	0	0	0	83.6	83.5	47.6	84.4	61.6	68.5	29.15	707	2691
7/29/2011 3:39 365225940	288	288	0	0	0	0	83.5	83.5	47.7	84.4	61.6	68.5	29.16	699	2681
7/29/2011 3:40 365226000	288	288	0	0	0	0	83.5	83.5	47.6	84.4	61.6	68.5	29.16	702	2683
7/29/2011 3:41 365226060	288	288	0	0	0	0	83.5	83.5	47.6	84.4	61.5	68.5	29.16	700	2681
7/29/2011 3:42 365226120	288	288	0	0	0	0	83.5	83.5	47.6	84.4	61.5	68.5	29.16	700	2681
7/29/2011 3:43 365226180	288	288	0	0	0	0	83.5	83.5	47.6	84.4	61.5	68.5	29.15	704	2688
7/29/2011 3:44 365226240	288	288	0	0	0	0	83.5	83.5	47.6	84.4	61.5	68.5	29.14	717	2701
7/29/2011 3:45 365226300	288	288	0	0	0	0	83.5	83.5	47.6	84.4	61.5	68.5	29.14	721	2709
7/29/2011 3:46 365226360	288	288	0	0	0	0	83.5	83.5	47.6	84.4	61.5	68.5	29.14	714	2698
7/29/2011 3:47 365226420	288	288	0	0	0	0	83.4	83.5	47.6	84.4	61.5	68.5	29.14	713	2698
7/29/2011 3:48 365226480	288	288	0	0	0	0	83.4	83.5	47.6	84.4	61.5	68.5	29.15	709	2691
7/29/2011 3:49 365226540	288	288	0	0	0	0	83.4	83.5	47.6	84.4	61.5	68.5	29.15	709	2691
7/29/2011 3:50 365226600	288	288	0	0	0	0	83.4	83.5	47.7	84.4	61.5	68.5	29.15	710	2693
7/29/2011 3:51 365226660	288	288	0	0	0	0	83.4	83.5	47.6	84.4	61.4	68.4	29.15	709	2691
7/29/2011 3:52 365226720	288	288	0	0	0	0	83.4	83.3	47.7	84	61.4	68.5	29.15	710	2681
7/29/2011 3:53 365226780	288	288	0	0	0	0	83.4	83.3	47.6	84	61.4	68.4	29.14	714	2686
7/29/2011 3:54 365226840	288	288	0	0	0	0	83.3	83.3	47.6	84	61.4	68.4	29.15	711	2681
7/29/2011 3:55 365226900	288	288	0	0	0	0	83.3	83.3	47.6	84	61.4	68.4	29.14	714	2686
7/29/2011 3:56 365226960	288	288	0	0	0	0	83.3	83.3	47.6	84	61.4	68.4	29.15	709	2678
7/29/2011 3:57 365227020	288	288	0	0	0	0	83.3	83.3	47.6	84	61.4	68.4	29.14	714	2686
7/29/2011 3:58 365227080	288	288	0	0	0	0	83.3	83.3	47.6	84	61.4	68.4	29.15	706	2676
7/29/2011 3:59 365227140	288	288	0	0	0	0	83.3	83.3	47.6	84	61.3	68.4	29.16	699	2668
7/29/2011 4:00 365227200	288	288	0	0	0	0	83.3	83.3	47.6	84	61.3	68.4	29.16	700	2668
7/29/2011 4:01 365227260	288	288	0	0	0	0	83.2	83.3	47.6	84	61.3	68.4	29.16	699	2668
7/29/2011 4:02 365227320	288	288	0	0	0	0	83.2	83.3	47.6	84	61.3	68.4	29.16	700	2668
7/29/2011 4:03 365227380	288	288	0	0	0	0	83.2	83.3	47.6	84	61.3	68.4	29.15	705	2676
7/29/2011 4:04 365227440	288	288	0	0	0	0	83.2	83.3	47.6	84	61.3	68.4	29.15	706	2676

**Wind Speed Data**  
**Studebaker - Foundry Building**

FORMATTED DATE-TIME	DT	MG	TR	WS	CW	HW	TP	WC	RH	HI	DP	WB	BP	AL	DA
YYYY-MM-DD HH:MM:SS	<	Mag	TRUE	mph	mph	mph	°F	°F	%	°F	°F	°F	inHg	ft	ft
7/29/2011 4:00	365228000	288	288	0	0	0	83.2	83.1	47.6	83.8	61.2	68.2	29.14	714	2673
7/29/2011 4:01	365228030	288	288	0	0	0	83.2	83.1	47.6	83.8	61.2	68.2	29.14	712	2668
7/29/2011 4:02	365228060	288	288	0	0	0	83.1	83.1	47.7	83.8	61.2	68.2	29.15	717	2675
7/29/2011 4:03	365228090	288	288	0	0	0	83.1	83.1	47.6	83.8	61.2	68.2	29.15	706	2663
7/29/2011 4:04	365228120	288	288	0	0	0	83.1	83.1	47.7	83.8	61.2	68.2	29.15	704	2663
7/29/2011 4:05	365228150	288	288	0	0	0	83.1	83.1	47.7	83.8	61.2	68.2	29.15	705	2663
7/29/2011 4:06	365228180	288	288	0	0	0	83.1	83.1	47.6	83.8	61.1	68.2	29.14	714	2673
7/29/2011 4:13	365227980	288	288	0	0	0	83.1	83.1	47.6	83.8	61.1	68.2	29.14	718	2678
7/29/2011 4:14	365228040	288	288	0	0	0	83	83.1	47.6	83.8	61.1	68.2	29.14	716	2676
7/29/2011 4:15	365228070	288	288	0	0	0	83	82.9	47.6	83.5	61.1	68.2	29.14	714	2669
7/29/2011 4:16	365228160	288	288	0	0	0	83	82.9	47.6	83.5	61.1	68.2	29.14	716	2663
7/29/2011 4:17	365228220	288	288	0	0	0	83	82.9	47.6	83.5	61.1	68.2	29.14	713	2660
7/29/2011 4:18	365228280	288	288	0	0	0	83	82.9	47.6	83.5	61.1	68.2	29.14	716	2663
7/29/2011 4:19	365228340	288	288	0	0	0	83	82.9	47.6	83.5	61	68.2	29.13	721	2671
7/29/2011 4:20	365228400	288	288	0	0	0	83	82.9	47.6	83.5	61	68.2	29.14	717	2663
7/29/2011 4:21	365228460	288	288	0	0	0	82.9	82.9	47.6	83.5	61	68.2	29.14	717	2663
7/29/2011 4:22	365228520	288	288	0	0	0	82.9	82.9	47.7	83.5	61	68.2	29.14	714	2660
7/29/2011 4:23	365228580	288	288	0	0	0	82.9	82.9	47.7	83.5	61	68.2	29.14	714	2660
7/29/2011 4:24	365228640	288	288	0	0	0	82.9	82.9	47.7	83.5	61	68.2	29.14	714	2660
7/29/2011 4:25	365228700	288	288	0	0	0	82.8	82.8	47.7	83.1	60.9	68	29.14	717	2650
7/29/2011 4:26	365228760	288	288	0	0	0	82.8	82.8	47.7	83.1	60.9	68	29.14	712	2645
7/29/2011 4:27	365228820	288	288	0	0	0	82.8	82.8	47.6	83.1	60.9	68	29.14	721	2658
7/29/2011 4:28	365228880	288	288	0	0	0	82.8	82.8	47.6	83.1	60.9	68	29.14	719	2655
7/29/2011 4:29	365228940	288	288	0	0	0	82.8	82.8	47.6	83.1	60.9	68	29.14	719	2655
7/29/2011 4:30	365229000	288	288	0	0	0	82.7	82.8	47.7	83.1	60.9	68	29.14	716	2650
7/29/2011 4:31	365229060	288	288	0	0	0	82.7	82.8	47.7	83.1	60.9	68	29.13	723	2658
7/29/2011 4:32	365229120	288	288	0	0	0	82.7	82.8	47.7	83.1	60.9	68	29.13	723	2658
7/29/2011 4:33	365229180	288	288	0	0	0	82.7	82.8	47.7	83.1	60.8	68	29.13	724	2660
7/29/2011 4:34	365229240	288	288	0	0	0	82.7	82.8	47.7	83.1	60.8	68	29.13	727	2665
7/29/2011 4:35	365229300	288	288	0	0	0	82.6	82.6	47.7	82.9	60.8	67.8	29.13	727	2653
7/29/2011 4:36	365229360	288	288	0	0	0	82.6	82.6	47.7	82.9	60.8	67.8	29.13	723	2645
7/29/2011 4:37	365229420	288	288	0	0	0	82.6	82.6	47.7	82.9	60.8	67.8	29.13	726	2648
7/29/2011 4:38	365229480	288	288	0	0	0	82.6	82.6	47.7	82.9	60.8	67.8	29.13	723	2645
7/29/2011 4:39	365229540	288	288	0	0	0	82.6	82.6	47.7	82.9	60.8	67.8	29.14	720	2640
7/29/2011 4:40	365229600	288	288	0	0	0	82.6	82.6	47.7	82.9	60.7	67.8	29.14	717	2638
7/29/2011 4:41	365229660	288	288	0	0	0	82.5	82.6	47.7	82.9	60.7	67.8	29.14	717	2638
7/29/2011 4:42	365229720	288	288	0	0	0	82.5	82.6	47.7	82.9	60.7	67.8	29.14	717	2638
7/29/2011 4:43	365229780	288	288	0	0	0	82.5	82.6	47.7	82.9	60.7	67.8	29.14	717	2638
7/29/2011 4:44	365229840	288	288	0	0	0	82.5	82.6	47.7	82.9	60.7	67.8	29.14	718	2640
7/29/2011 4:45	365229900	288	288	0	0	0	82.5	82.4	47.7	82.6	60.6	67.8	29.14	716	2625
7/29/2011 4:46	365229960	288	288	0	0	0	82.5	82.4	47.7	82.6	60.6	67.8	29.14	716	2625
7/29/2011 4:47	365230020	288	288	0	0	0	82.4	82.4	47.8	82.6	60.6	67.8	29.14	718	2630

**Wind Speed Data**  
**Stuebaker - Foundry Building**

DATE	TIME	ID	DB	DR	WS	WV	WV	TP	WC	RH	HI	DP	WB	BP	AL	DA
			°F	°F	MPH	MPH	MPH	MPH	MPH	%	MPH	MPH	MPH	MPH	ft	ft
7/29/2011 4:57	365230140	288	288	0	0	0	82.3	82.3	47.7	82.4	60.5	67.6	29.15	702	2595	
7/29/2011 4:58	365230220	288	288	0	0	0	82.3	82.3	47.7	82.4	60.5	67.6	29.15	702	2595	
7/29/2011 4:59	365230740	288	288	0	0	0	82.3	82.2	47.7	82.4	60.5	67.6	29.15	702	2595	
7/29/2011 5:00	365230800	288	288	0	0	0	82.2	82.2	47.8	82.4	60.5	67.6	29.15	706	2600	
7/29/2011 5:01	365230860	288	288	0	0	0	82.2	82.2	47.7	82.4	60.4	67.6	29.15	703	2595	
7/29/2011 5:02	365230920	288	288	0	0	0	82.2	82.2	47.8	82.4	60.4	67.6	29.15	702	2595	
7/29/2011 5:03	365230980	288	288	0	0	0	82.2	82.2	47.8	82.4	60.4	67.6	29.15	711	2608	
7/29/2011 5:04	365231040	288	288	0	0	0	82.2	82.2	47.8	82.4	60.4	67.6	29.15	709	2603	
7/29/2011 5:05	365231100	288	288	0	0	0	82.1	82.2	47.8	82.4	60.4	67.6	29.14	714	2610	
7/29/2011 5:06	365231160	288	288	0	0	0	82.1	82.2	47.8	82.4	60.4	67.6	29.15	710	2608	
7/29/2011 5:07	365231220	288	288	0	0	0	82.1	82	47.8	82	60.4	67.6	29.15	711	2595	
7/29/2011 5:08	365231280	288	288	0	0	0	82.1	82	47.8	82	60.3	67.5	29.14	712	2595	
7/29/2011 5:09	365231340	288	288	0	0	0	82.1	82	47.8	82	60.4	67.6	29.14	714	2598	
7/29/2011 5:10	365231400	288	288	0	0	0	82.1	82	47.8	82	60.3	67.5	29.14	712	2595	
7/29/2011 5:11	365231460	288	288	0	0	0	82	82	47.8	82	60.3	67.5	29.14	713	2598	
7/29/2011 5:12	365231520	288	288	0	0	0	82	82	47.8	82	60.3	67.5	29.14	716	2600	
7/29/2011 5:13	365231580	288	288	0	0	0	82	82	47.8	82	60.3	67.5	29.14	714	2598	
7/29/2011 5:14	365231640	288	288	0	0	0	82	82	47.8	82	60.3	67.5	29.15	709	2590	
7/29/2011 5:15	365231700	288	288	0	0	0	82	82	47.8	82	60.2	67.5	29.14	716	2600	
7/29/2011 5:16	365231760	288	288	0	0	0	82	82	47.8	82	60.2	67.5	29.14	716	2600	
7/29/2011 5:17	365231820	288	288	0	0	0	81.9	81.9	47.8	81.9	60.2	67.3	29.14	714	2585	
7/29/2011 5:18	365231880	288	288	0	0	0	81.9	81.9	47.8	81.9	60.2	67.3	29.15	709	2578	
7/29/2011 5:19	365231940	288	288	0	0	0	81.9	81.9	47.8	81.9	60.2	67.3	29.15	707	2578	
7/29/2011 5:20	365232000	288	288	0	0	0	81.8	81.9	47.8	81.9	60.1	67.3	29.15	709	2578	
7/29/2011 5:21	365232060	288	288	0	0	0	81.9	81.9	47.8	81.9	60.1	67.3	29.15	707	2578	
7/29/2011 5:22	365232120	288	288	0	0	0	81.8	81.9	47.8	81.9	60.1	67.3	29.15	707	2578	
7/29/2011 5:23	365232180	288	288	0	0	0	81.8	81.9	47.9	81.9	60.1	67.3	29.15	706	2575	
7/29/2011 5:24	365232240	288	288	0	0	0	81.8	81.9	47.8	81.9	60.1	67.3	29.15	703	2573	
7/29/2011 5:25	365232300	288	288	0	0	0	81.8	81.9	47.8	81.9	60.1	67.3	29.15	703	2573	
7/29/2011 5:26	365232360	288	288	0	0	0	81.8	81.7	47.9	81.7	60.1	67.3	29.15	704	2563	
7/29/2011 5:27	365232420	288	288	0	0	0	81.7	81.7	47.9	81.7	60.1	67.3	29.16	697	2553	
7/29/2011 5:28	365232480	288	288	0	0	0	81.7	81.7	47.9	81.7	60.1	67.3	29.16	700	2555	
7/29/2011 5:29	365232540	288	288	0	0	0	81.7	81.7	47.9	81.7	60	67.3	29.15	702	2558	
7/29/2011 5:30	365232600	288	288	0	0	0	81.7	81.7	47.9	81.7	60	67.3	29.16	699	2555	

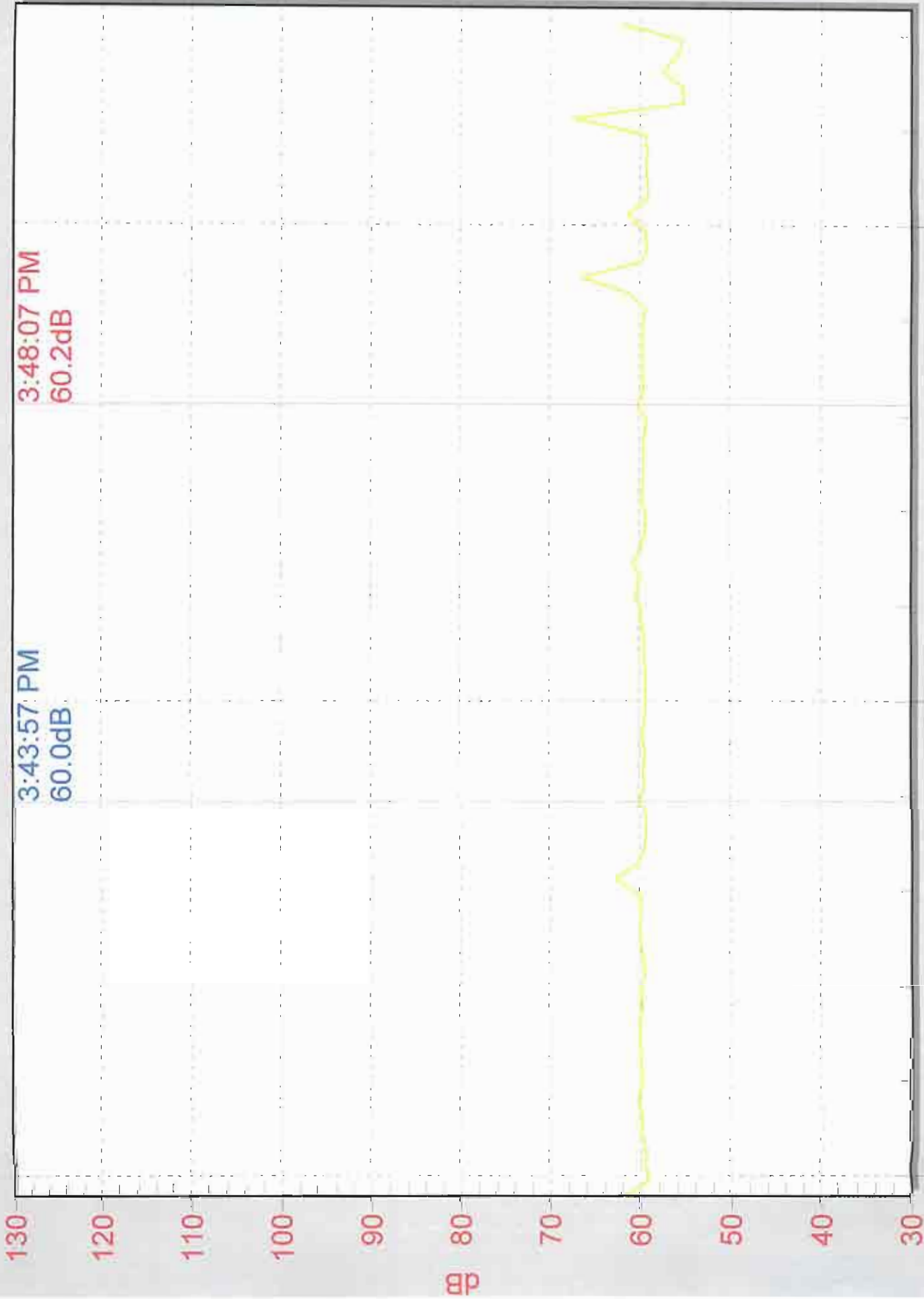
**Wind Speed Data**  
 Stuebker - Foundry Building

Time	AS	WS	WS	W	W	W	W	W	W	W	W	W	W	W	W	W
7/29/2011 5:42	365233320	288	288	0	0	0	81.7	81.7	47.9	81.7	60	67.3	29.16	699	2555	
7/29/2011 5:43	365233340	288	288	0	0	0	81.6	81.7	47.9	81.7	60	67.1	29.16	702	2548	
7/29/2011 5:44	365233360	288	288	0	0	0	81.6	81.7	47.9	81.7	60	67.1	29.16	695	2548	
7/29/2011 5:45	365233380	288	288	0	0	0	81.6	81.5	47.9	81.3	59.9	67.1	29.16	697	2540	
7/29/2011 5:46	365233400	288	288	0	0	0	81.6	81.5	47.9	81.3	59.9	67.1	29.16	695	2535	
7/29/2011 5:47	365233420	288	288	0	0	0	81.5	81.5	47.9	81.3	59.9	67.1	29.17	688	2540	
7/29/2011 5:48	365233440	288	288	0	0	0	81.5	81.5	47.9	81.3	59.8	67.1	29.16	689	2543	
7/29/2011 5:49	365233460	288	288	0	0	0	81.5	81.5	47.9	81.3	59.8	67.1	29.17	681	2543	
7/29/2011 5:42	365233320	288	288	0	0	0	81.5	81.5	47.9	81.3	59.8	67.1	29.17	684	2541	
7/29/2011 5:43	365233380	288	288	0	0	0	81.5	81.5	47.9	81.3	59.8	67.1	29.17	691	2533	
7/29/2011 5:44	365233400	288	288	0	0	0	81.4	81.5	47.9	81.3	59.8	67.1	29.17	686	2525	
7/29/2011 5:45	365233400	288	288	0	0	0	81.4	81.5	47.9	81.3	59.8	66.9	29.17	688	2530	
7/29/2011 5:46	365233560	288	288	0	0	0	81.4	81.5	47.9	81.3	59.8	66.9	29.17	692	2533	
7/29/2011 5:47	365233620	288	288	0	0	0	81.4	81.3	47.9	81.1	59.8	66.9	29.17	685	2513	
7/29/2011 5:48	365233680	288	288	0	0	0	81.4	81.3	47.9	81.1	59.7	66.9	29.17	683	2510	
7/29/2011 5:49	365233740	288	288	0	0	0	81.4	81.3	47.9	81.1	59.7	66.9	29.18	681	2508	
7/29/2011 5:50	365233800	288	288	0	0	0	81.3	81.3	47.9	81.1	59.7	66.9	29.17	685	2513	
7/29/2011 5:51	365233860	288	288	0	0	0	81.3	81.3	47.9	81.1	59.7	66.9	29.17	683	2510	
7/29/2011 5:52	365233920	288	288	0	0	0	81.3	81.3	47.9	81.1	59.7	66.9	29.17	683	2510	
7/29/2011 5:53	365233980	288	288	0	0	0	81.3	81.3	47.9	81.1	59.7	66.9	29.18	681	2508	
7/29/2011 5:54	365234040	288	288	0	0	0	81.3	81.3	47.9	81.1	59.7	66.9	29.17	684	2510	
7/29/2011 5:55	365234100	288	288	0	0	0	81.2	81.3	47.9	81.1	59.6	66.7	29.17	685	2513	
7/29/2011 5:56	365234160	288	288	0	0	0	81.2	81.3	47.9	81.1	59.6	66.7	29.17	686	2513	
7/29/2011 5:57	365234220	288	288	0	0	0	81.2	81.1	47.9	81	59.6	66.7	29.17	683	2498	
7/29/2011 5:58	365234280	288	288	0	0	0	81.2	81.1	48	81	59.6	66.7	29.17	685	2500	
7/29/2011 5:59	365234340	288	288	0	0	0	81.2	81.1	48	81	59.6	66.7	29.18	681	2495	
7/29/2011 6:00	365234400	288	288	0	0	0	81.2	81.1	47.9	81	59.6	66.7	29.17	686	2500	
7/29/2011 6:01	365234460	288	288	0	0	0	81.2	81.1	47.9	81	59.6	66.7	29.17	683	2498	
7/29/2011 6:02	365234520	288	288	0	0	0	81.1	81.1	48	81	59.6	66.7	29.17	686	2500	
7/29/2011 6:03	365234580	288	288	0	0	0	81.1	81.1	47.9	81	59.5	66.7	29.18	678	2490	
7/29/2011 6:04	365234640	288	288	0	0	0	81.1	81.1	47.9	81	59.5	66.7	29.17	686	2500	
7/29/2011 6:05	365234700	288	288	0	0	0	81.1	81.1	47.9	81	59.5	66.7	29.18	681	2495	
7/29/2011 6:06	365234760	288	288	0	0	0	81.1	81.1	47.9	81	59.5	66.7	29.18	677	2490	
7/29/2011 6:07	365234820	288	288	0	0	0	81	81	47.9	80.8	59.5	66.7	29.18	679	2483	
7/29/2011 6:08	365234880	288	288	0	0	0	81	81	47.9	80.8	59.5	66.7	29.17	685	2490	
7/29/2011 6:09	365234940	288	288	0	0	0	81	81	47.9	80.8	59.4	66.6	29.18	679	2483	
7/29/2011 6:10	365235000	288	288	0	0	0	81	81	48	80.8	59.5	66.7	29.17	686	2490	
7/29/2011 6:11	365235060	288	288	0	0	0	81	81	47.9	80.8	59.4	66.6	29.18	677	2478	
7/29/2011 6:12	365235120	288	288	0	0	0	81	81	48	80.8	59.4	66.6	29.18	681	2483	
7/29/2011 6:13	365235180	288	288	0	0	0	80.9	81	48	80.8	59.4	66.6	29.18	681	2483	



Wind Speed Data  
 Stockbaker - Foundry Building

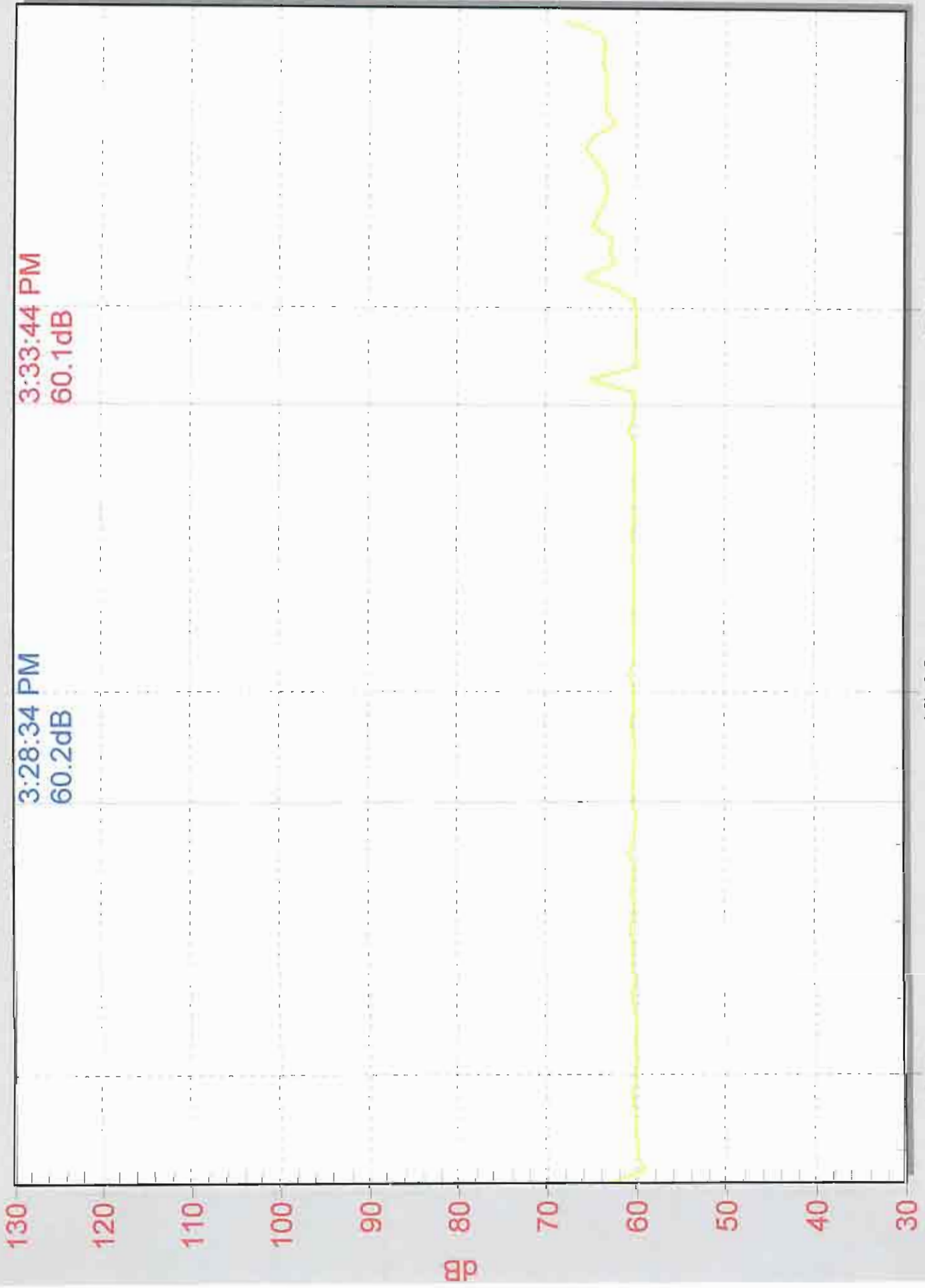
FORCAST TIME	TR	WC	HI	LP	WB	P	AL	TA
7/29/2011 7:00	288	80.2	79.7	79.7	65.8	29.13	744	2460
7/29/2011 7:01	288	80.2	79.7	79.7	65.8	29.13	744	2460
7/29/2011 7:02	288	80.2	79.7	79.7	65.8	29.13	744	2460
7/29/2011 7:03	288	80.2	79.7	79.7	65.8	29.13	744	2460
7/29/2011 7:04	288	80.2	79.7	79.7	65.8	29.13	744	2460
7/29/2011 7:05	288	80.2	79.7	79.7	65.8	29.13	744	2460
7/29/2011 7:06	288	80.2	79.7	79.7	65.8	29.13	744	2460
7/29/2011 7:07	288	80.2	79.7	79.7	65.8	29.13	744	2460
7/29/2011 7:08	288	80.2	79.7	79.7	65.8	29.13	744	2460
7/29/2011 7:09	288	80.2	79.7	79.7	65.8	29.13	744	2460
7/29/2011 7:10	288	80.2	79.7	79.7	65.8	29.13	744	2460
7/29/2011 7:11	288	80.2	79.7	79.7	65.8	29.13	744	2460
7/29/2011 7:12	288	80.2	79.7	79.7	65.8	29.13	744	2460
7/29/2011 7:13	288	80.2	79.7	79.7	65.8	29.13	744	2460
7/29/2011 7:14	288	80.2	79.7	79.7	65.8	29.13	744	2460
7/29/2011 7:15	288	80.2	79.7	79.7	65.8	29.13	744	2460
7/29/2011 7:16	288	80.2	79.7	79.7	65.8	29.13	744	2460
7/29/2011 7:17	288	80.2	79.7	79.7	65.8	29.13	744	2460
7/29/2011 7:18	288	80.2	79.7	79.7	65.8	29.13	744	2460
7/29/2011 7:19	288	80.2	79.7	79.7	65.8	29.13	744	2460



15:40  
28 Thu Jul 2011

15:45  
Time

15:50

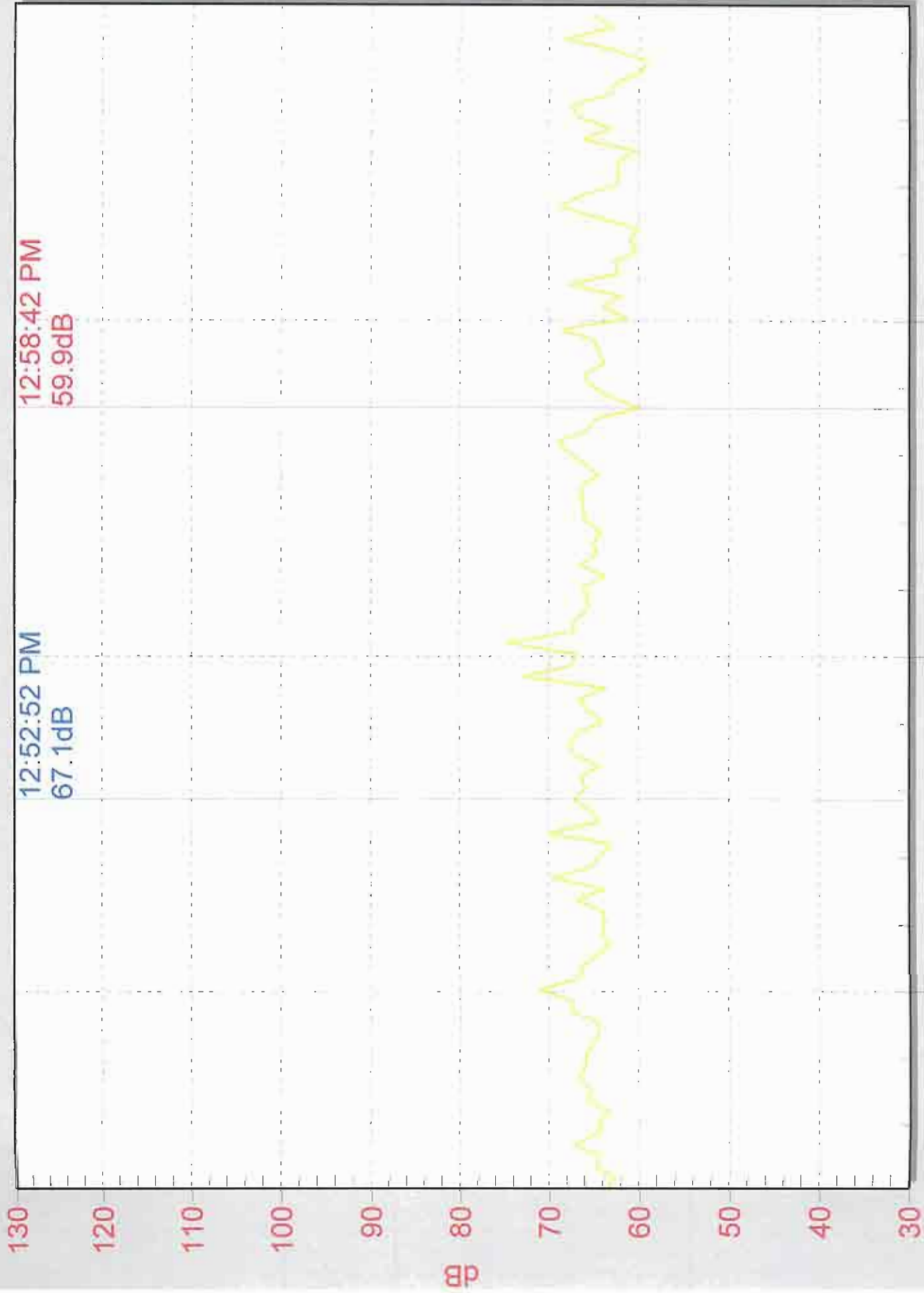


15:25  
28 Thu Jul 2011

15:30  
Time

15:35



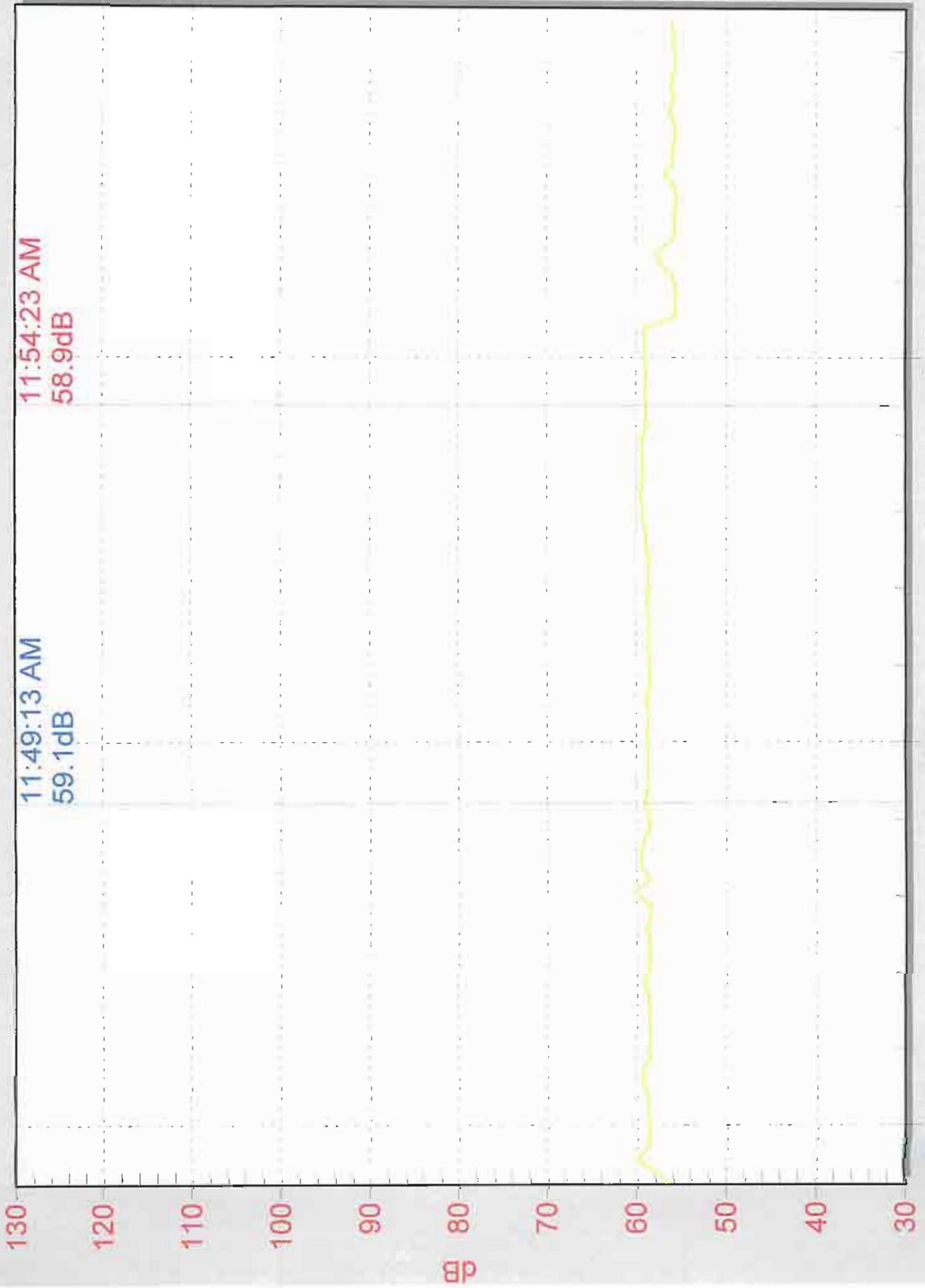


13:00

12:55

12:50

28 Thu Jul 2011

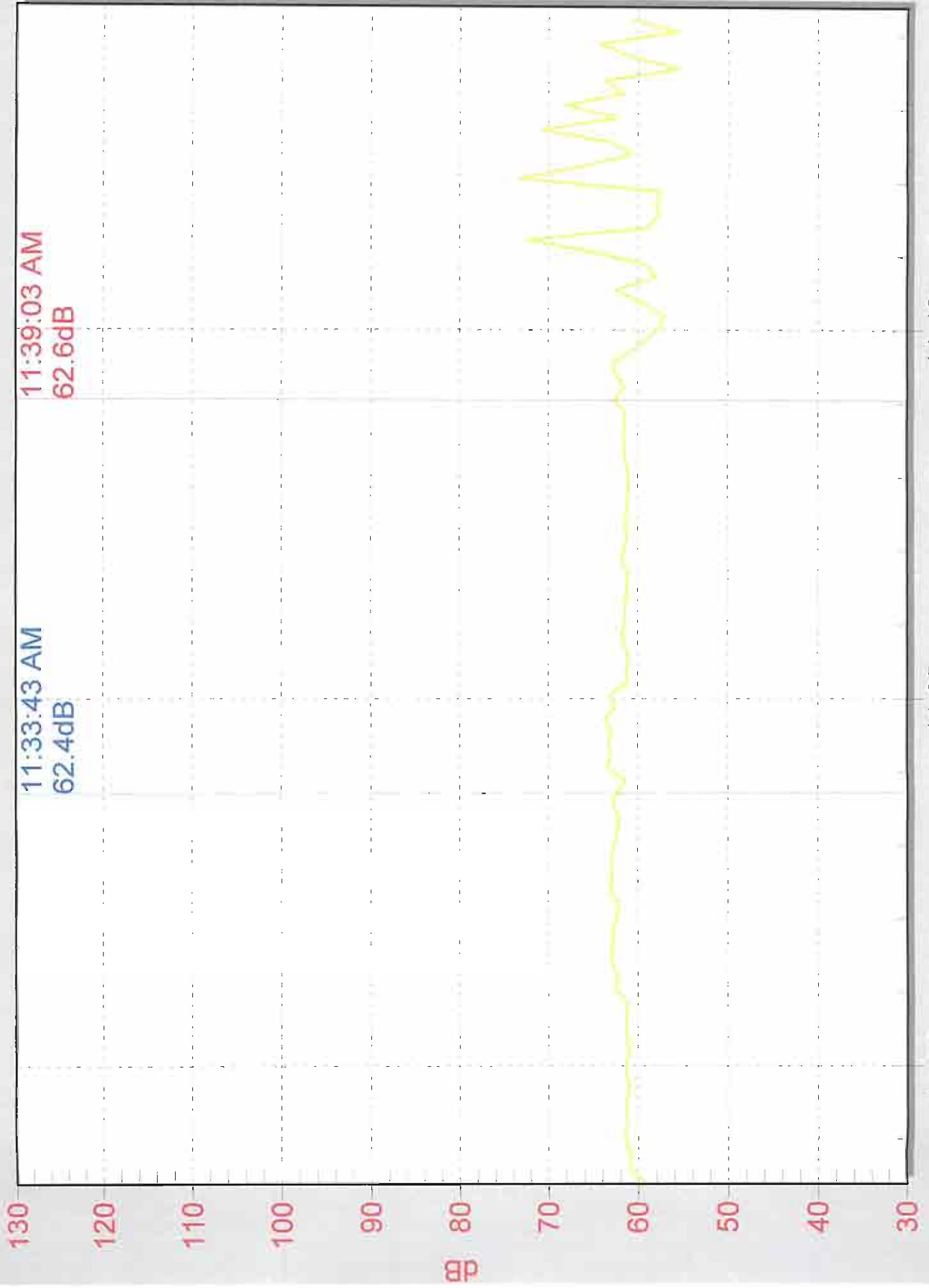


11:45  
28 Thu Jul 2011

11:50

11:55

Time

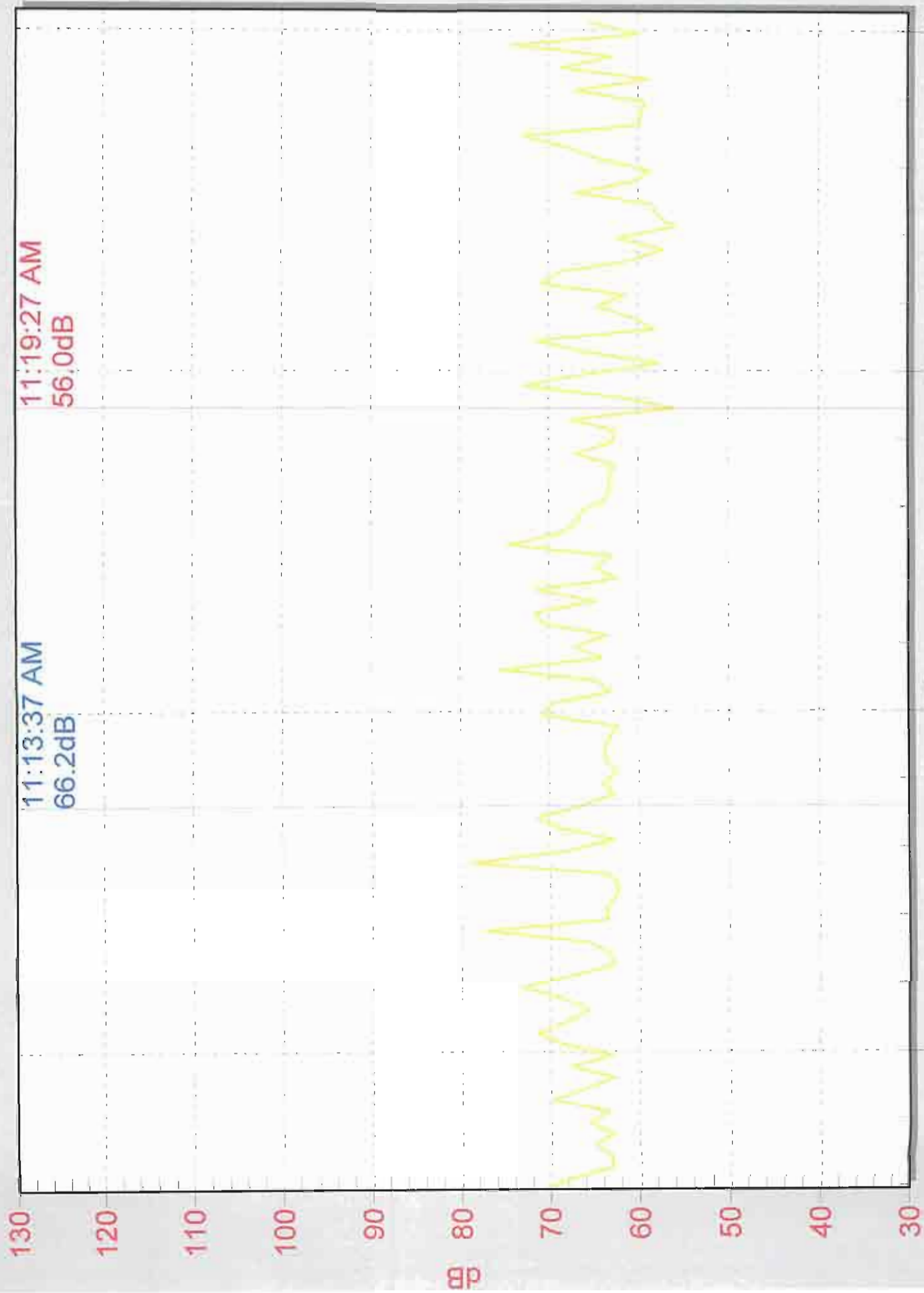


11:30  
28 Thu Jul 2011

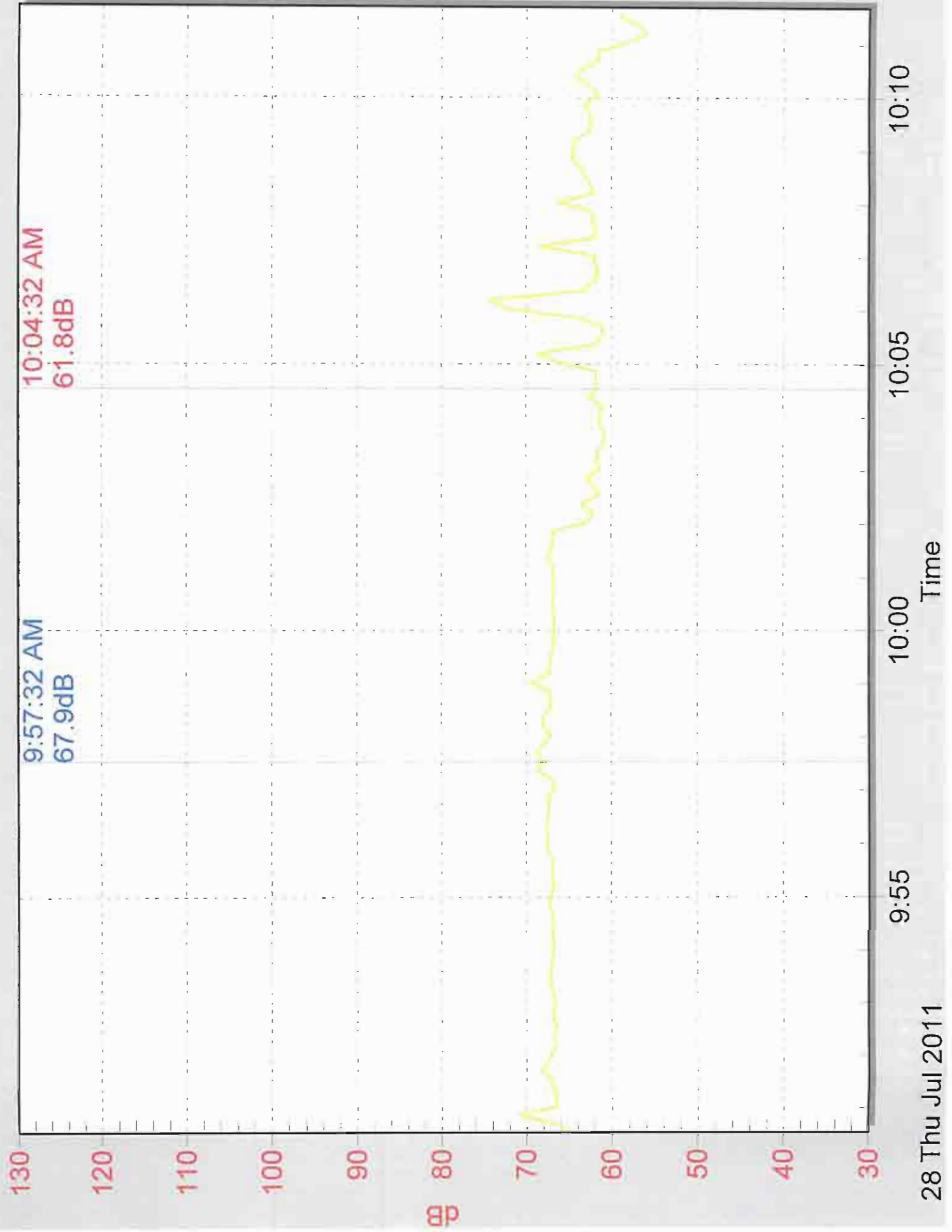
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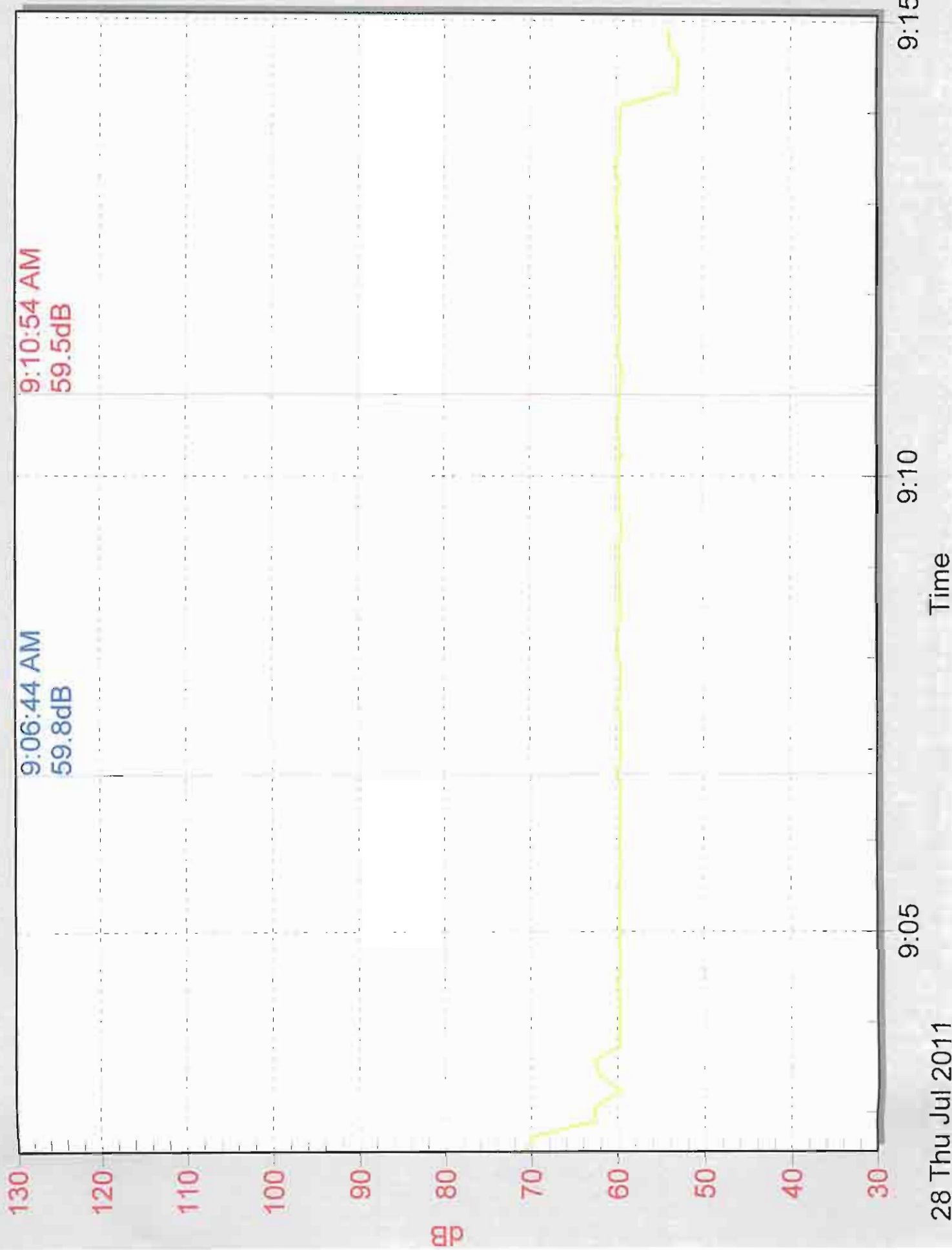
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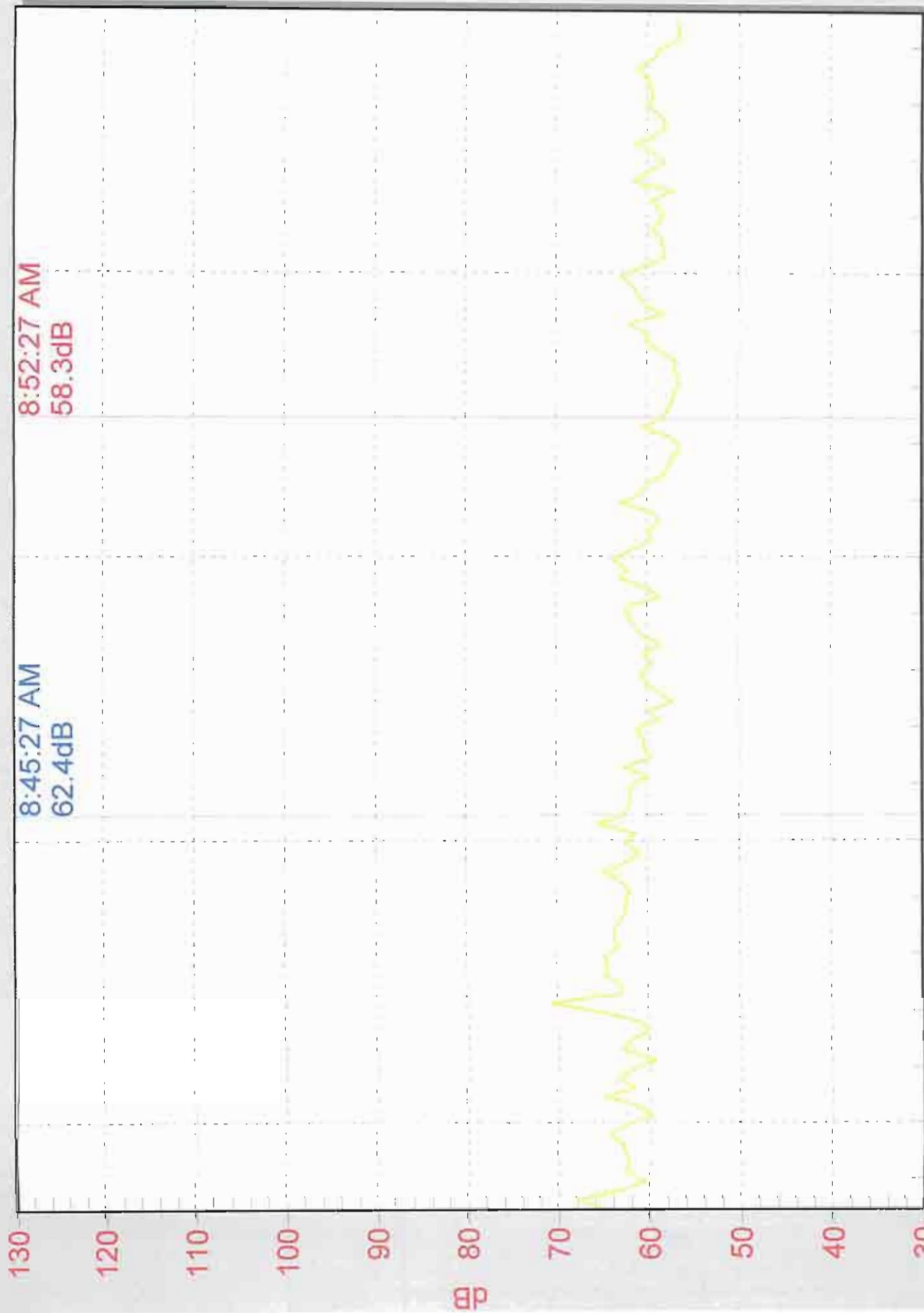
11:40



28 Thu Jul 2011 11:10 11:15 11:20 11:25  
Time





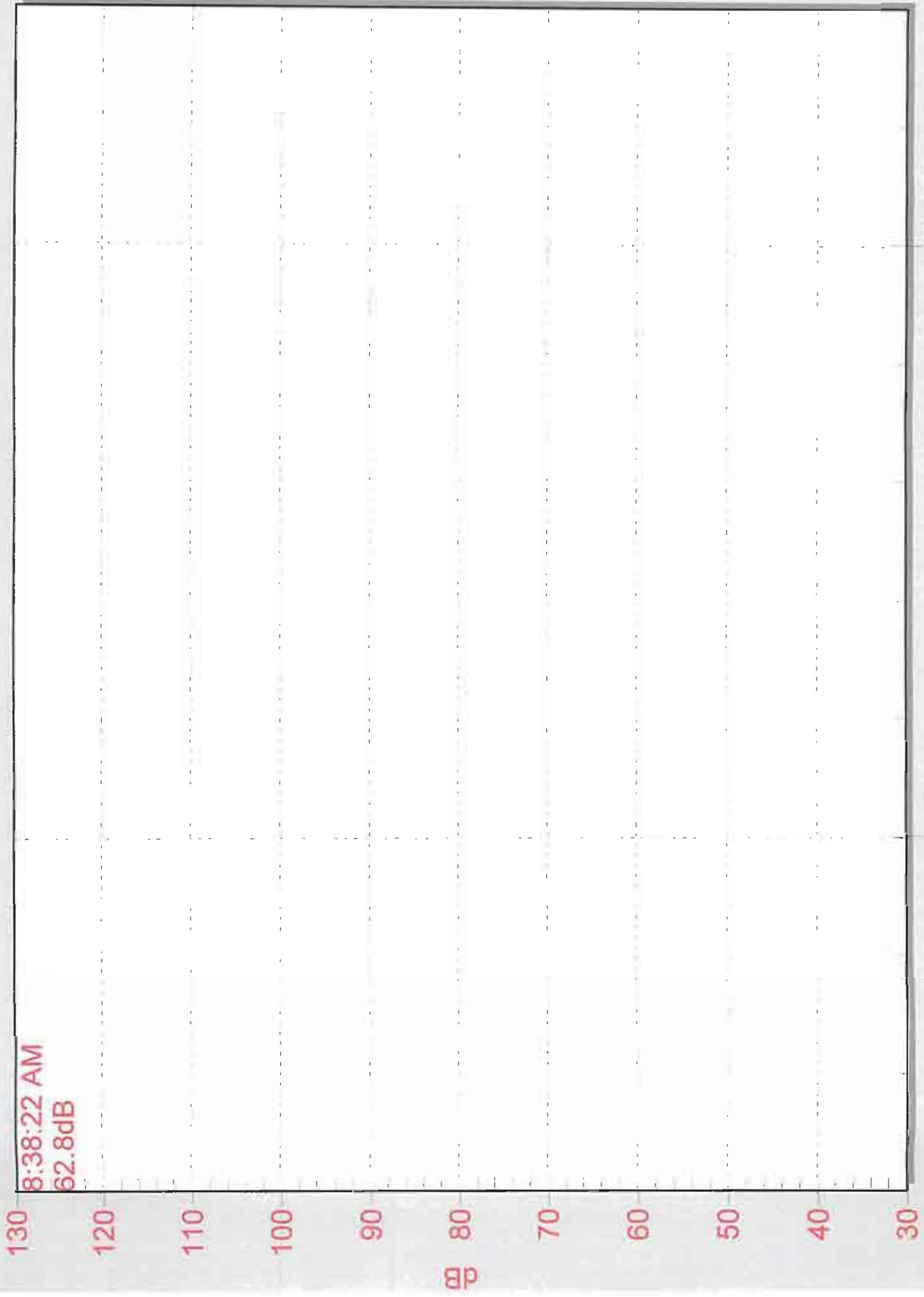


8:40  
28 Thu Jul 2011

8:45

8:50

8:55



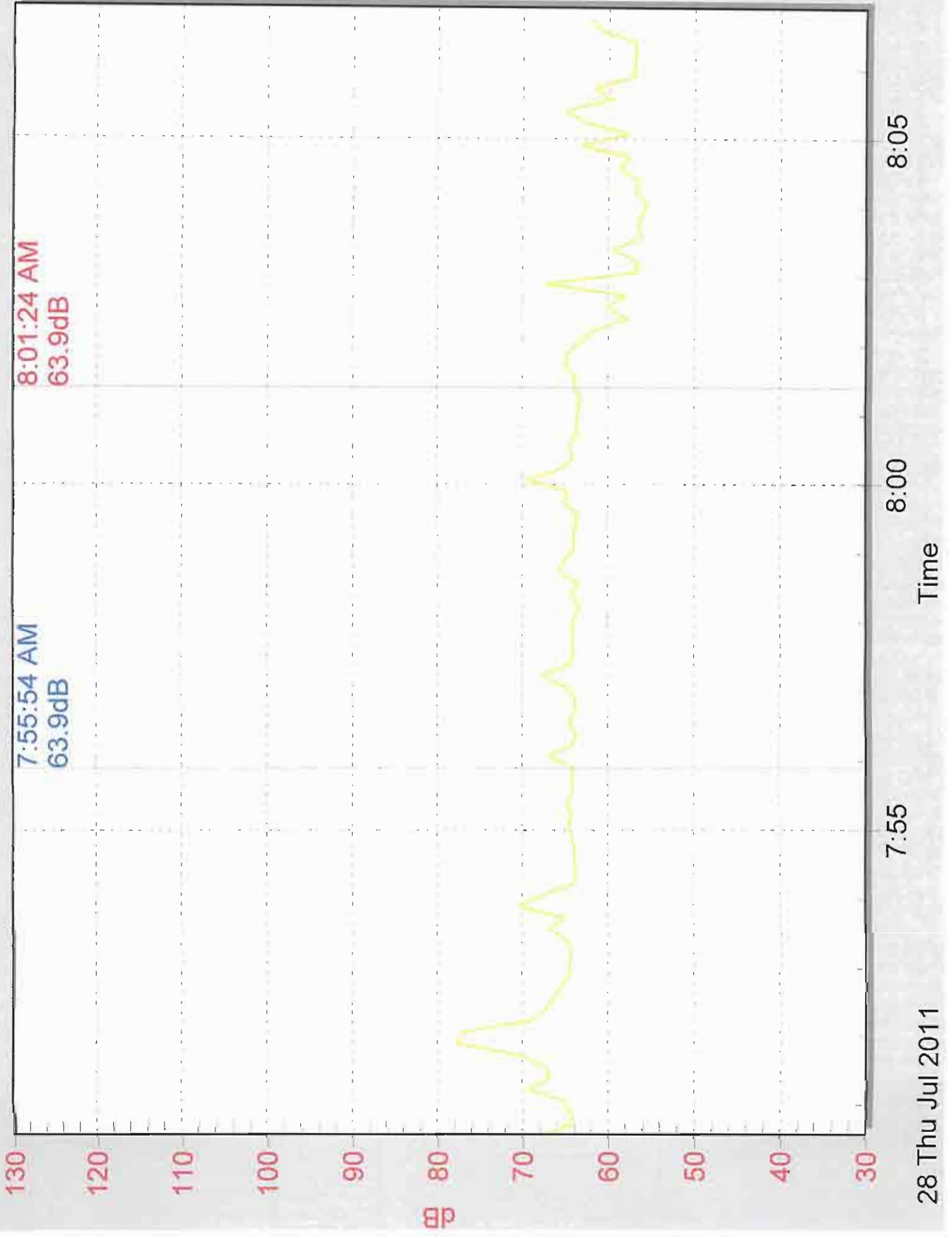
28 Thu Jul 2011

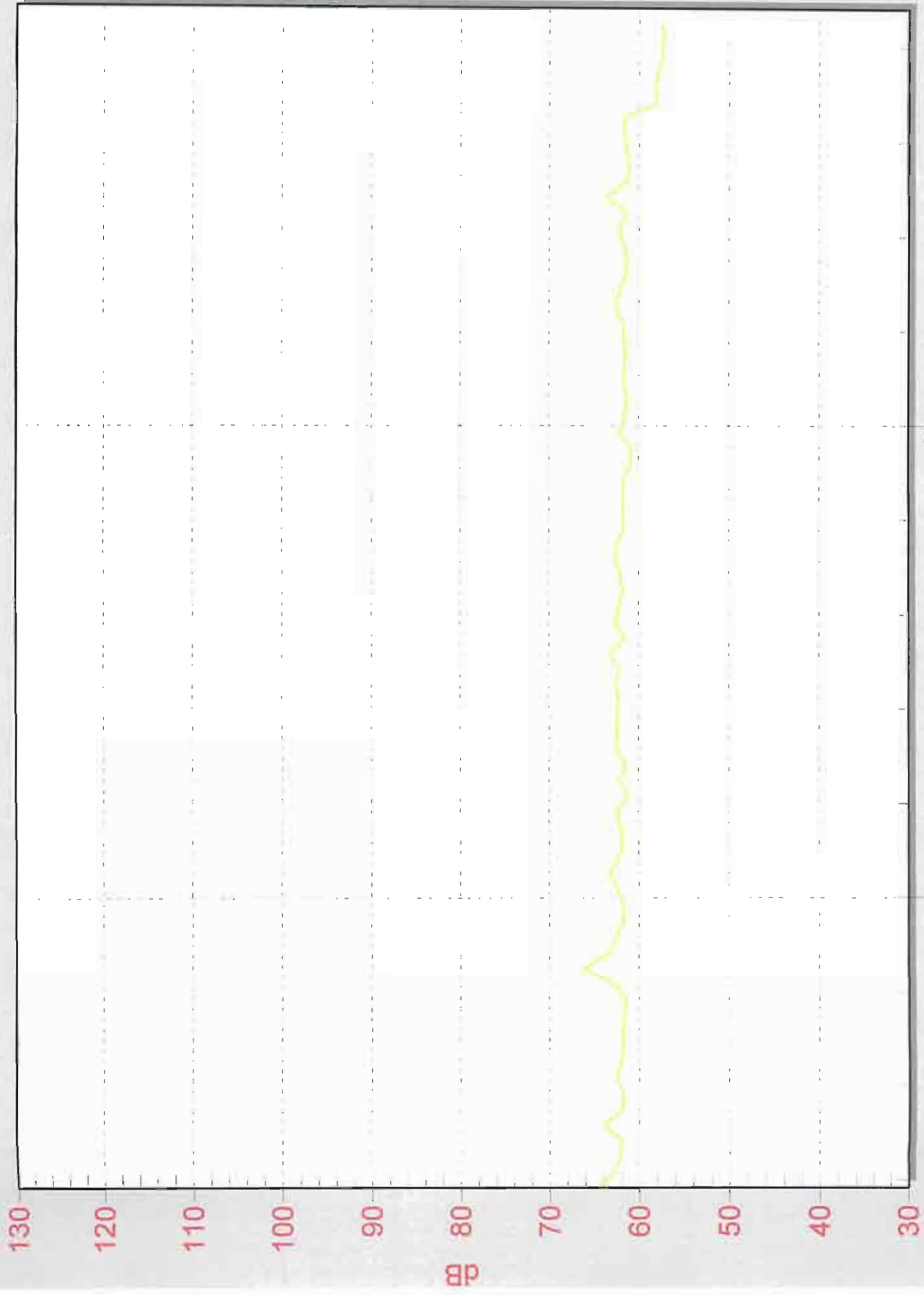
8:38:25

Time

8:38:30





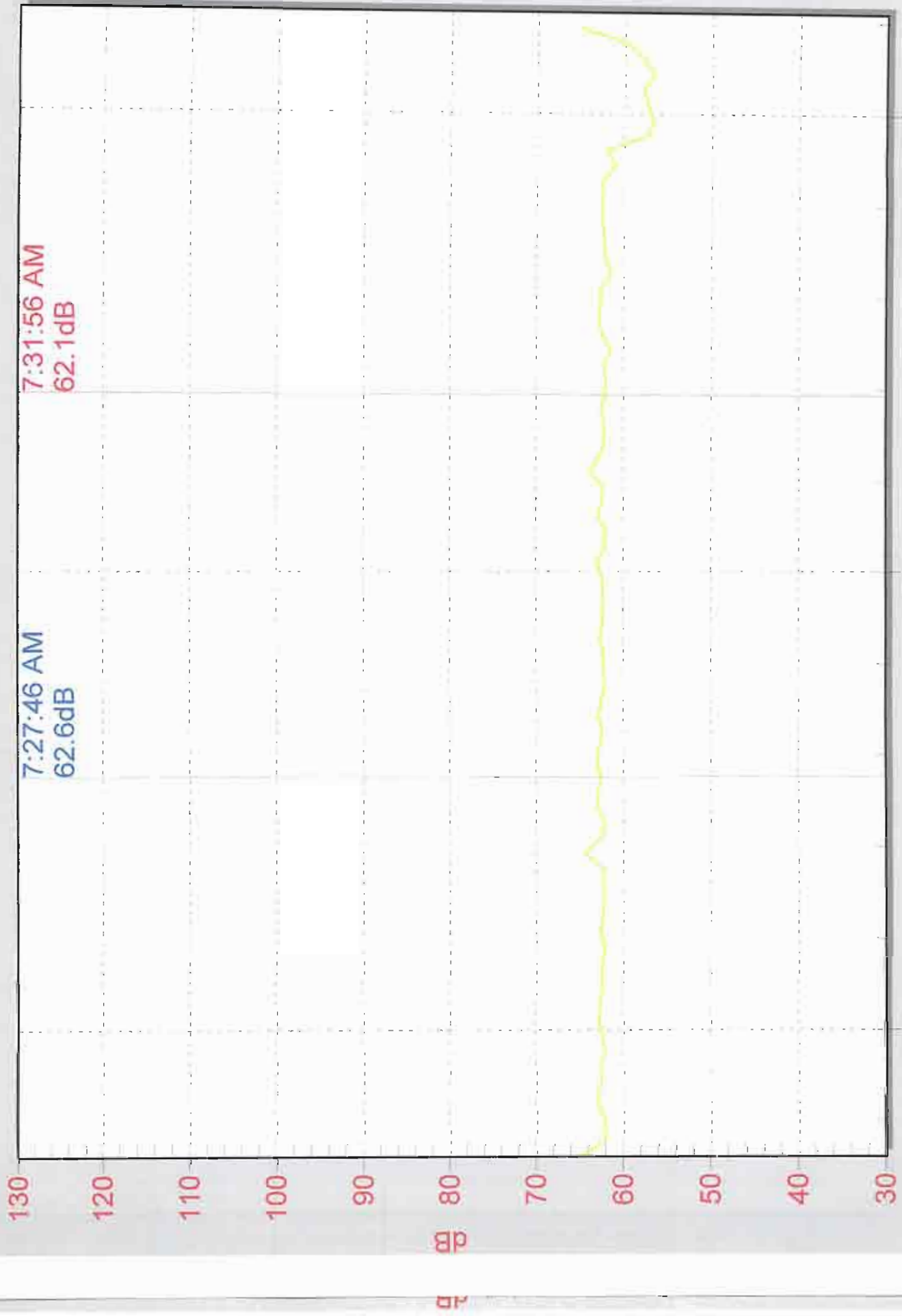


28 Thu Jul 2011

7:40

7:45

Time



7:35

7:30

Time

7:25

28 Thu Jul 2011

